

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

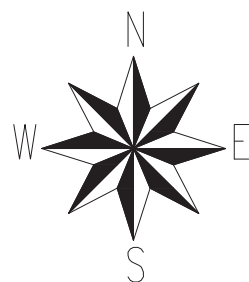
# PLAN OF PROPOSED IMPROVEMENT

## EAST-WEST BUS RAPID TRANSIT SET 11 OF 11

### INDEX OF SHEETS

SEE TITLE SHEETS OF PLANS MISCELLANEOUS QUANTITIES  
FOR SHEET NUMBERS

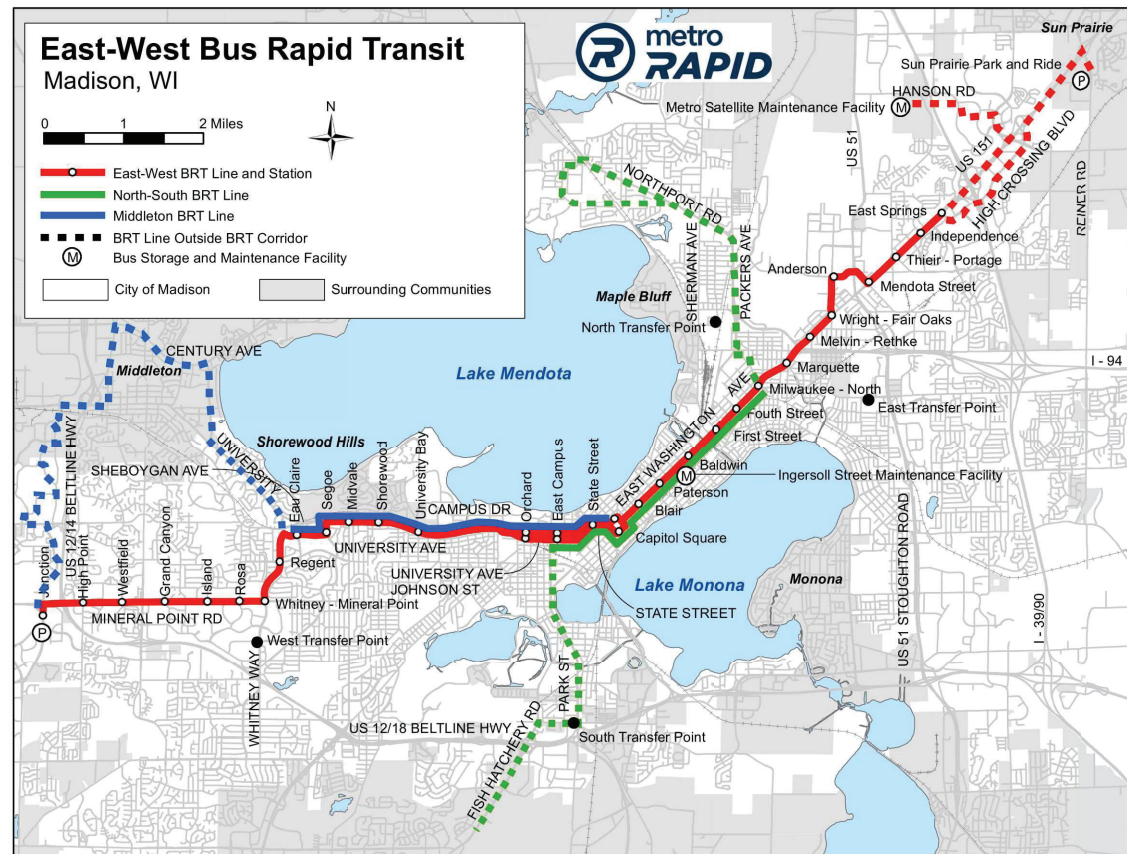
PLOT SCALE: 1:1  
PLOT NAME: ---  
REV. DATE: 10/24/2022 8:17 AM  
ORIGINATOR: CITY\_OF\_MADISON



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
COMBUSTIBLE FLUIDS	
BURIED ELECTRIC	— E —
FIBER OPTIC	— FO —
GAS	— G —
OVERHEAD ELECTRIC	— OH —
POWER POLE	
STORM SEWER	— SS —
SANITARY SEWER	— SAN —
COMMUNICATIONS	— T —
WATER	— W —

CITY PROJECT NO. 13925  
CONTRACT NO. 8716

**FINAL PLANS**  
**OCTOBER 5, 2022**



<p>REMOVALS, SITE AND GRADING WESTERN SEGMENT DESIGNED BY: MICHAEL SCHNEIDER</p> <p>Oct 26, 2022</p>	<p>REMOVALS, SITE AND GRADING EASTERN SEGMENT DESIGNED BY: BRIAN ANDREAS</p> <p>Oct 26, 2022</p>
<p>COMMUNICATIONS</p> <p>SIGNING AND PAVEMENT MARKING DESIGNED BY: SAMANTHA HERHEIM</p> <p>Oct 26, 2022</p>	<p>DRAINAGE WESTERN SEGMENT DESIGNED BY: STEVE PARSE</p> <p>Oct 27, 2022</p>
<p>SIGNALS (NEW SIGNALIZED INTERSECTIONS) AND TRAFFIC CONTROL DESIGNED BY: TOM NOTBOHM</p> <p>Oct 26, 2022</p>	<p>DRAINAGE EASTERN SEGMENT DESIGNED BY: RYAN RUFF</p> <p>Oct 26, 2022</p>
<p>ELECTRICAL DESIGNED BY: TOM GASSER</p> <p>Oct 27, 2022</p>	<p>LIGHTING AND SIGNALS WESTERN SEGMENT DESIGNED BY: TYLER TKACHUK</p> <p>Oct 26, 2022</p>
	<p>SIGNALS EASTERN SEGMENT DESIGNED BY: KYLE HENDERSON</p> <p>Oct 26, 2022</p>

JUNCTION ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0115	Clearing	ACRE	2.56
40.01	201.0120	Clearing	ID	4.00
40.01	201.0215	Grubbing	ACRE	2.56
40.01	201.0220	Grubbing	ID	4.00
40.01	204.0150	Removing Curb & Gutter	LF	370.00
40.01	204.0155	Removing Concrete Sidewalk	SY	310.00
40.01	204.0170	Removing Fence	LF	480.00
40.02	204.0245.03	Removing Storm Sewer - 18 inch	LF	11.00
40.02	204.0245.07	Removing Storm Sewer - 21 inch	LF	38.00
40.02	204.0250	Abandoning Manholes	EACH	2.00
40.01	205.0100	Excavation Common	CY	7073.00
40.02	208.1100	Select Borrow	CY	825.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	4740.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	40.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	2110.00
40.02	305.0125	Base Aggregate Dense 1 1/4-Inch	CY	130.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	5220.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	50.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	1970.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	2020.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	2272.00
40.07	455.0605	Tack Coat	GAL	720.00
40.07	460.2000	Incentive Density HMA Pavement	DOL	1200.00
10.02	460.6223	HMA Pavement 3 MT 58-28 S	TON	722.00
10.02	460.6224	HMA Pavement 4 MT 58-28 S	TON	820.00
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	335.00
40.02	520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH	1.00
40.02	520.1024	Apron Endwalls for Culvert Pipe 24-Inch	EACH	1.00
40.02	520.8000	Concrete Collars for Pipe	EACH	4.00
40.02	521.3112	Culvert Pipe Corrugated Steel 12-Inch	LF	12.00
40.07	601.0205	Concrete Gutter 24-Inch	LF	270.00
40.07	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	330.00
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	2360.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	160.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	22000.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1510.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	270.00
40.02	606.0100	Riprap Light	CY	6.00
40.02	606.0200	Riprap Medium	CY	4.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	390.00
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	142.00
40.02	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	216.00
40.02	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	105.00
40.02	608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF	82.00
40.02	608.3018	Storm Sewer Pipe Class III-A 18-Inch	LF	297.00
40.02	611.0612	Inlet Covers Type C	EACH	6.00

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P	Date: 10/26/2022		

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-1



JUNCTION ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.02	611.0624	Inlet Covers Type H	EACH	7.00
40.02	611.2003	Manholes 3-FT Diameter	EACH	5.00
40.02	611.2004	Manholes 4-FT Diameter	EACH	2.00
40.02	611.2044	Manholes 4x4-FT	EACH	3.00
40.02	611.3230	Inlets 2x3-FT	EACH	7.00
40.02	611.8115	Adjusting Inlet Covers	EACH	1.00
40.02	612.0106	Pipe Underdrain 6-Inch	LF	45.00
40.02	612.0208	Pipe Underdrain Unperforated 8-Inch	LF	126.00
40.07	620.0300	Concrete Median Sloped Nose	SF	37.00
10.02	624.0100	Water	MGAL	200.00
40.07	624.0100	Water	MGAL	83.00
40.06	625.0100	Topsoil	SY	4900.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	1760.00
40.06	628.2008	Erosion Mat Urban Class I Type B	SY	3140.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	1.30
40.02	628.7005	Inlet Protection Type A	EACH	2.00
40.02	628.7020	Inlet Protection Type D	EACH	15.00
40.02	628.7560	Tracking Pads	EACH	1.00
40.06	629.0210	Fertilizer Type B	CWT	3.54
40.06	630.0500	Seed Water	MGAL	110.00
40.02	650.4000	Construction Staking Storm Sewer	EACH	19.00
40.07	650.5000	Construction Staking Base	LF	1650.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	3390.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	380.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	19.00
40.02	650.9920	Construction Staking Slope Stakes	LF	2900.00
40.07	650.9920	Construction Staking Slope Stakes	LF	1025.00
40.01	690.0150	Sawing Asphalt	LF	210.00
40.01	690.0250	Sawing Concrete	LF	290.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	610.00
40.02	SPV.0035.601	Engineered Soil	CY	832.00
40.02	SPV.0035.602	Storm Water Wet Pond Clay Liner	CY	450.00
40.07	SPV.0060.003	Bike Rack	EACH	8.00
20.01	SPV.0060.308	Snow Melt System Shelter Type A6	EACH	2.00
20.01	SPV.0060.406	Reinforced Concrete Platform Type A6	EACH	2.00
30.01	SPV.0060.414	Junction Road Restroom and Electrical Building	EACH	1.00
30.01	SPV.0060.416	Overhead Charger Foundation	EACH	4.00
20.01	SPV.0060.422	Platform Shelter Type A6	EACH	2.00
40.07	SPV.0060.431	Bike Shelter	EACH	1.00
40.07	SPV.0060.433	Install Metro Local Route Shelter	EACH	2.00
40.06	SPV.0060.504.01	Trees (Early Glow Buckeye, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.02	Trees (Autumn Blaze Freeman Maple, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.03	Trees (State Street Miyabe Maple, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.04	Trees (Hackberry, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.05	Trees (Kentucky Coffee Tree, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.06	Trees (Skyline Thornless Honey Locust, B&B, 2-IN)	EACH	4.00

Mark	REVISION	DATE	BY
60631225P		10/26/2022	

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P

MQ-2

JUNCTION ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	SPV.0060.504.07	Trees (Exclamation London Planetree, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.08	Trees (Swamp White Oak, B&B, 2-IN)	EACH	4.00
40.06	SPV.0060.504.09	Trees (Chinquapin Oak, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.14	Trees (New Horizon Elm, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.15	Trees ('Autumn Brilliance' Apple Serviceberry, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.16	Trees (Flowering Crabapple, B&B, 2-IN)	EACH	3.00
40.06	SPV.0060.504.17	Trees (Prairie Fire Crabapple, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.18	Trees (Japanese Tree Lilac, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.506.01	Shrubs (Arctic Fire Red-Osier Dogwood, Potted, 1 GAL)	EACH	18.00
40.06	SPV.0060.506.02	Shrubs (Sea Green Juniper, Potted, 1 GAL)	EACH	20.00
40.06	SPV.0060.506.03	Shrubs (June Grass, Potted, 1 GAL)	EACH	43.00
40.06	SPV.0060.506.04	Shrubs (Creeping Siberian Cypress, Potted, 1 GAL)	EACH	97.00
40.06	SPV.0060.506.05	Shrubs (Calamint, Potted, 1 GAL)	EACH	59.00
40.06	SPV.0060.506.06	Shrubs (Gro-Low Fragrant Sumac, Potted, 1 GAL)	EACH	100.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	42.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	71.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	31.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	55.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	29.00
40.06	SPV.0060.507.06	Perennials & Native Grasses (Dwarf Fountain Grass, Potted, 1 GAL)	EACH	14.00
40.06	SPV.0060.507.07	Perennials & Native Grasses (Blue False Indigo, Potted, 1 GAL)	EACH	23.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	82.00
40.06	SPV.0060.507.09	Perennials & Native Grasses (Little Bluestem, Potted, 1 GAL)	EACH	41.00
40.06	SPV.0060.507.10	Perennials & Native Grasses (Autumn Joy Sedum, Potted, 1 GAL)	EACH	33.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	14.00
40.06	SPV.0060.508	Plug Mix	EACH	7608.00
40.02	SPV.0060.604	Storm Cleanout	EACH	1.00
40.02	SPV.0060.610	4' Dia. Sanitary Sewer Access Structure (SAS)	EACH	2.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.02	SPV.0060.618	Sanitary Sewer Tap	EACH	1.00
40.02	SPV.0060.619	Adjust Manhole Cover Special	EACH	1.00
40.02	SPV.0060.631	Furnish & Install Insulation	EACH	1.00
40.02	SPV.0060.632	Furnish & Install 2-Inch Service Lateral	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	32.00
40.06	SPV.0085.502	Stormwater Management Seeding	LB	14.00
40.07	SPV.0090.001	Concrete Curb & Gutter 30-Inch Type A Special	LF	680.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	78.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	70.00
40.07	SPV.0090.011	Docking Guide Strip	LF	200.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	20.00
40.02	SPV.0090.604	8-Inch Sanitary Sewer Pipe	LF	281.00
40.02	SPV.0090.610	Select Fill for Sanitary Sewer	LF	348.00
40.02	SPV.0090.611	6-Inch Sanitary Sewer Lateral	LF	67.00
20.01	SPV.0105.301	Junction PNR Site Electrical	LS	1.00
20.01	SPV.0105.307	Junction PNR Electrical Service	LS	1.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	130.00
40.02	SPV.0200.601	Construct Outside Drop 8-Inch	VF	9.00

Mark	REVISION	DATE	BY
60631225P		10/26/2022	

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-3

Mineral Point Road at High Point Road

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	650.00
40.02	204.0220	Removing Inlets	EACH	2.00
40.01	205.0100	Excavation Common	CY	120.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	150.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	95.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	160.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	58.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	85.00
40.06	405.1000	Stamping Colored Concrete	CY	16.00
10.02	415.0100	Concrete Pavement 10-Inch	SY	448.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	558.00
10.02	416.0610	Drilled Tie Bars	EACH	183.00
10.02	416.0620	Drilled Dowel Bars	EACH	50.00
40.02	520.8000	Concrete Collars for Pipe	EACH	2.00
40.07	601.0205	Concrete Gutter 24-Inch	LF	190.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	160.00
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	90.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	990.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	123.00
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	57.00
40.02	611.0530	Manhole Covers Type J	EACH	1.00
40.02	611.0624	Inlet Covers Type H	EACH	4.00
40.02	611.2004	Manholes 4-FT Diameter	EACH	1.00
40.07	620.0300	Concrete Median Sloped Nose	SF	112.00
10.02	624.0100	Water	MGAL	6.30
40.07	624.0100	Water	MGAL	4.20
40.06	625.0100	Topsoil	SY	57.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	57.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.02	628.7020	Inlet Protection Type D	EACH	11.00
40.06	629.0210	Fertilizer Type B	CWT	0.03
40.06	630.0500	Seed Water	MGAL	1.30
40.02	650.4000	Construction Staking Storm Sewer	EACH	5.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	10.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	270.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	95.00
20.01	652.0615	Conduit Special 3-Inch	LF	49.00
20.01	656.0200.301	Electrical Service Meter Breaker Pedestal (High Point)	LS	1.00
40.01	690.0250	Sawing Concrete	LF	560.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	130.00
20.01	SPV.0060.201	Install Electrical Pull Box Type I	EACH	1.00
50.05	SPV.0060.203	Install Electrical Pull Box Type V	EACH	2.00

Mark	REVISION	DATE
Designed By: AECOM	Date:	Scale: NTS
60631225P	10/26/2022	

60631225P  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ-4

Mineral Point Road at High Point Road

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5.00
40.02	SPV.0060.602	Inlets 2x3-FT, Special	EACH	4.00
40.02	SPV.0060.609	Relocate Hydrant	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	1.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	58.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	159.00
50.05	SPV.0090.207	Conduit HDPE Directional Bore 2-Ducts 3-Inch	LF	215.00
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	489.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	65.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	55.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	320.00



60631225P

MQ-5

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
**CITY OF MADISON**

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P		10/26/2022	
		Scale: NTS	

Mineral Point Road at Westfield Road

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	620.00
40.01	205.0100	Excavation Common	CY	100.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	150.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	90.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	170.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	61.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	75.00
40.06	405.1000	Stamping Colored Concrete	CY	15.00
10.02	415.0100	Concrete Pavement 10-Inch	SY	452.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	562.00
10.02	416.0610	Drilled Tie Bars	EACH	185.00
10.02	416.0620	Drilled Dowel Bars	EACH	42.00
40.07	601.0205	Concrete Gutter 24-Inch	LF	150.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	190.00
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	90.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	910.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.00
40.07	620.0300	Concrete Median Sloped Nose	SF	111.00
10.02	624.0100	Water	MGAL	6.30
40.07	624.0100	Water	MGAL	4.10
40.06	625.0100	Topsoil	SY	69.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	69.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.06	629.0210	Fertilizer Type B	CWT	0.04
40.06	630.0500	Seed Water	MGAL	1.60
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	30.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	250.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	86.00
20.01	652.0615	Conduit Special 3-Inch	LF	76.00
20.01	656.0200.302	Electrical Service Meter Breaker Pedestal (Westfield)	LS	1.00
40.01	690.0250	Sawing Concrete	LF	520.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	140.00
20.01	SPV.0060.201	Install Electrical Pull Box Type I	EACH	1.00
50.05	SPV.0060.203	Install Electrical Pull Box Type V	EACH	2.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.06	SPV.0060.501	Tree Protection	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2.00

Mark	REVISION	DATE	BY
Designed By: AECCM 60631225P	Date: 10/26/2022		

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-6

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 LAST PLOT DATE: 10/26/2022  
 FILE NAME:



Mineral Point Road at Westfield Road

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5.00
40.06	SPV.0085.501	Seeding	LB	1.30
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	30.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	145.00
50.05	SPV.0090.207	Conduit HDPE Directional Bore 2-Ducts 3-Inch	LF	204.00
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	546.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	170.00



60631225P

MQ-7

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	BY
Designed By: AECOM	Date:	Scale: NTS
60631225P	10/26/2022	



Mineral Point Road at Grand Canyon Drive

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	500.00
40.01	204.0155	Removing Concrete Sidewalk	SY	2.00
40.02	204.0220	Removing Inlets	EACH	2.00
40.02	204.0245.02	Removing Storm Sewer - 15 inch	LF	21.00
40.01	205.0100	Excavation Common	CY	480.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	170.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	102.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	190.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	73.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	127.00
40.06	405.1000	Stamping Colored Concrete	CY	16.00
10.02	415.0100	Concrete Pavement 10-Inch	SY	508.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	623.00
40.02	520.8000	Concrete Collars for Pipe	EACH	4.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	190.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	230.00
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	980.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.00
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	186.00
40.02	611.0530	Manhole Covers Type J	EACH	1.00
40.02	611.0624	Inlet Covers Type H	EACH	2.00
40.02	611.2004	Manholes 4-FT Diameter	EACH	1.00
40.02	611.3230	Inlets 2x3-FT	EACH	2.00
40.02	611.9710	Salvaged Inlet Covers	EACH	2.00
40.07	620.0300	Concrete Median Sloped Nose	SF	112.00
10.02	624.0100	Water	MGAL	7.10
40.07	624.0100	Water	MGAL	4.60
40.06	625.0100	Topsoil	SY	80.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	80.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.02
40.02	628.7020	Inlet Protection Type D	EACH	10.00
40.06	629.0210	Fertilizer Type B	CWT	0.04
40.06	630.0500	Seed Water	MGAL	1.80
40.02	650.4000	Construction Staking Storm Sewer	EACH	5.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	40.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	260.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0615	Conduit Special 3-Inch	LF	43.00
20.01	656.0200.303	Electrical Service Meter Breaker Pedestal (Grand Canyon)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	540.00
40.01	690.0250	Sawing Concrete	LF	16.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	150.00
50.05	SPV.0060.203	Install Electrical Pull Box Type V	EACH	2.00

Mark	REVISION	DATE
Designed By: AECOM	Date:	10/26/2022
60631225P		

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ-8

Mineral Point Road at Grand Canyon Drive

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5.00
40.02	SPV.0060.602	Inlets 2x3-FT, Special	EACH	2.00
40.02	SPV.0060.609	Relocate Hydrant	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	1.40
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	60.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	159.00
50.05	SPV.0090.207	Conduit HDPE Directional Bore 2-Ducts 3-Inch	LF	240.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	252.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	63.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	84.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	330.00



60631225P

MQ-9

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM		10/26/2022	
60631225P			
		Scale: NTS	

MINERAL POINT ROAD AT ISLAND DRIVE

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	460.00
40.01	204.0155	Removing Concrete Sidewalk	SY	2.00
40.01	205.0100	Excavation Common	CY	450.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	160.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	95.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	180.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	67.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	106.00
40.06	405.1000	Stamping Colored Concrete	CY	15.00
10.02	415.0100	Concrete Pavement 10-Inch	SY	477.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	588.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	170.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	230.00
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	920.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.00
40.07	620.0300	Concrete Median Sloped Nose	SF	112.00
10.02	624.0100	Water	MGAL	6.70
40.07	624.0100	Water	MGAL	4.40
40.06	625.0100	Topsoil	SY	67.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	67.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.06	629.0210	Fertilizer Type B	CWT	0.04
40.06	630.0500	Seed Water	MGAL	1.50
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	30.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	260.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0615	Conduit Special 3-Inch	LF	42.00
20.01	656.0200.304	Electrical Service Meter Breaker Pedestal (Island)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	530.00
40.01	690.0250	Sawing Concrete	LF	5.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	140.00
50.05	SPV.0060.203	Install Electrical Pull Box Type V	EACH	2.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/26/2022	Scale: NTS
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-10

MINERAL POINT ROAD AT ISLAND DRIVE

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	SPV.0085.501	Seeding	LB	1.20
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	40.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	15.00
40.07	SPV.0090.011	Docking Guide Strip	LF	149.00
50.05	SPV.0090.207	Conduit HDPE Directional Bore 2-Ducts 3-Inch	LF	196.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	177.00
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	1108.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	43.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	200.00



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MQ-11

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	Scale: NTS
Designed By: AECOM 60631225P	Date: 10/26/2022	BY:



MINERAL POINT ROAD AT ROSA ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	480.00
40.01	204.0155	Removing Concrete Sidewalk	SY	2.00
40.01	205.0100	Excavation Common	CY	480.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	170.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	102.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	180.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	66.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	124.00
40.06	405.1000	Stamping Colored Concrete	CY	20.00
10.02	415.0100	Concrete Pavement 10-Inch	SY	501.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	613.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	170.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	240.00
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1130.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.00
40.07	620.0300	Concrete Median Sloped Nose	SF	112.00
10.02	624.0100	Water	MGAL	7.00
40.07	624.0100	Water	MGAL	4.50
40.06	625.0100	Topsoil	SY	59.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	59.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.06	629.0210	Fertilizer Type B	CWT	0.03
40.06	630.0500	Seed Water	MGAL	1.30
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	30.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	260.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0615	Conduit Special 3-Inch	LF	59.00
20.01	656.0200.305	Electrical Service Meter Breaker Pedestal (Rosa)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	540.00
40.01	690.0250	Sawing Concrete	LF	6.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	150.00
50.05	SPV.0060.246	Install Electrical Pull Box Type VII	EACH	2.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.06	SPV.0060.501	Tree Protection	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00

Mark	REVISION	DATE
Designed By: AECOM	Date:	Scale: NTS
60631225P	10/26/2022	

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-12

MINERAL POINT ROAD AT ROSA ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	SPV.0085.501	Seeding	LB	1.10
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	40.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	15.00
40.07	SPV.0090.011	Docking Guide Strip	LF	149.00
50.05	SPV.0090.207	Conduit HDPE Directional Bore 2-Ducts 3-Inch	LF	205.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	300.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	43.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	210.00



60631225P

MQ-13

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

REVISION	DATE	BY

WHITNEY WAY AT MINERAL POINT ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	570.00
40.01	204.0155	Removing Concrete Sidewalk	SY	3.00
40.02	204.0220	Removing Inlets	EACH	2.00
40.01	205.0100	Excavation Common	CY	570.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	200.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	120.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	220.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	89.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	156.00
40.06	405.1000	Stamping Colored Concrete	CY	19.00
40.07	415.0100	Concrete Pavement 10-Inch	SY	610.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	744.00
40.02	520.8000	Concrete Collars for Pipe	EACH	4.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	270.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	240.00
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1180.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	24.00
40.02	611.0530	Manhole Covers Type J	EACH	1.00
40.02	611.2004	Manholes 4-FT Diameter	EACH	1.00
40.02	611.8115	Adjusting Inlet Covers	EACH	2.00
40.02	611.9710	Salvaged Inlet Covers	EACH	2.00
40.07	620.0300	Concrete Median Sloped Nose	SF	90.00
10.02	624.0100	Water	MGAL	8.50
40.07	624.0100	Water	MGAL	5.40
40.06	625.0100	Topsoil	SY	62.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	62.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.02	628.7020	Inlet Protection Type D	EACH	9.00
40.06	629.0210	Fertilizer Type B	CWT	0.04
40.06	630.0500	Seed Water	MGAL	1.40
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	40.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	310.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0615	Conduit Special 3-Inch	LF	33.00
20.01	656.0200.306	Electrical Service Meter Breaker Pedestal (Whitney Way)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	640.00
40.01	690.0250	Sawing Concrete	LF	6.00

Mark	REVISION	DATE
Designed By: AECOM	Date:	Scale: NTS
60631225P	10/26/2022	

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-14

WHITNEY WAY AT MINERAL POINT ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	180.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.02	SPV.0060.602	Inlets 2x3-FT, Special	EACH	2.00
40.02	SPV.0060.631	Furnish & Install Insulation	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	1.10
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	136.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	15.00
40.07	SPV.0090.011	Docking Guide Strip	LF	184.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	200.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	114.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	118.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	590.00



60631225P

MQ-15

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P		10/26/2022	
			Scale: NTS



WHITNEY WAY AT REGENT STREET

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0105	Clearing	STA	2.00
40.01	201.0120	Clearing	ID	37.00
40.01	201.0205	Grubbing	STA	2.00
40.01	201.0220	Grubbing	ID	37.00
40.01	204.0150	Removing Curb & Gutter	LF	860.00
40.01	204.0155	Removing Concrete Sidewalk	SY	150.00
40.02	204.0220	Removing Inlets	EACH	1.00
40.01	205.0100	Excavation Common	CY	430.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	100.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22.00
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	24.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	220.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	110.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	24.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	210.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	85.00
10.02	415.0100	Concrete Pavement 10-Inch	SY	306.00
40.07	415.0100	Concrete Pavement 10-Inch	SY	159.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	570.00
40.06	455.0605	Tack Coat	GAL	13.00
40.06	460.2000	Incentive Density HMA Pavement	DOL	20.00
40.06	460.5224	HMA Pavement 4 LT 58-28 S	TON	21.00
40.06	460.6224	HMA Pavement 4 MT 58-28 S	TON	3.00
40.02	520.8000	Concrete Collars for Pipe	EACH	1.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	160.00
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	380.00
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	190.00
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1960.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	820.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	210.00
40.02	611.3230	Inlets 2x3-FT	EACH	1.00
40.02	611.8110	Adjusting Manhole Covers	EACH	1.00
40.02	611.8115	Adjusting Inlet Covers	EACH	8.00
40.02	611.9710	Salvaged Inlet Covers	EACH	1.00
40.07	620.0300	Concrete Median Sloped Nose	SF	498.00
10.02	624.0100	Water	MGAL	4.30
40.07	624.0100	Water	MGAL	10.20
40.06	625.0100	Topsoil	SY	300.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	300.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.06
40.02	628.7020	Inlet Protection Type D	EACH	15.00
40.06	629.0210	Fertilizer Type B	CWT	0.17
40.06	630.0500	Seed Water	MGAL	6.70
40.02	650.4000	Construction Staking Storm Sewer	EACH	9.00
40.07	650.5000	Construction Staking Base	LF	50.00

Mark	REVISION	DATE
Designed By: AECOM 60631225P	Date: 10/26/2022	Scale: NTS

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
BUS RAPID TRANSIT  
CITY OF MADISON



60631225P

MQ-16

WHITNEY WAY AT REGENT STREET

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	290.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	270.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	12.00
20.01	652.0615	Conduit Special 3-Inch	LF	60.00
20.01	656.0200.307	Electrical Service Meter Breaker Pedestal (Regent)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	550.00
40.01	690.0250	Sawing Concrete	LF	500.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	230.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.315	Snow Melt System Shelter Type C	EACH	1.00
20.01	SPV.0060.413	Reinforced Concrete Platform Type C	EACH	1.00
20.01	SPV.0060.429	Platform Shelter Type C	EACH	1.00
40.06	SPV.0060.501	Tree Protection	EACH	1.00
40.06	SPV.0060.504.02	Trees (Autumn Blaze Freeman Maple, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5.00
40.02	SPV.0060.619	Adjust Manhole Cover Special	EACH	2.00
40.06	SPV.0085.501	Seeding	LB	5.40
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	47.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	134.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	231.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	53.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	220.00

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/26/2022	Scale: NTS
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P

MQ-17

SHEBOYGAN & WHITNEY WAY ROADWAY IMPROVEMENTS

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	14.00
40.01	204.0120	Removing Asphaltic Surface Milling	SY	180.00
40.01	204.0150	Removing Curb & Gutter	LF	370.00
40.01	204.0155	Removing Concrete Sidewalk	SY	170.00
40.02	204.0220	Removing Inlets	EACH	3.00
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	57.00
40.01	205.0100	Excavation Common	CY	120.00
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	10.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	95.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	78.00
40.06	455.0605	Tack Coat	GAL	33.00
40.06	460.2000	Incentive Density HMA Pavement	DOL	28.00
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	44.00
40.02	520.8000	Concrete Collars for Pipe	EACH	1.00
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	350.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	780.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	640.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	108.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	66.00
40.02	611.3230	Inlets 2x3-FT	EACH	3.00
40.02	611.9710	Salvaged Inlet Covers	EACH	3.00
40.07	620.0300	Concrete Median Sloped Nose	SF	84.00
40.07	624.0100	Water	MGAL	3.70
40.06	625.0100	Topsoil	SY	210.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	210.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.04
40.06	629.0210	Fertilizer Type B	CWT	0.12
40.06	630.0500	Seed Water	MGAL	4.70
40.02	650.4000	Construction Staking Storm Sewer	EACH	3.00
40.07	650.5000	Construction Staking Base	LF	61.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	350.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	8.00
40.01	690.0150	Sawing Asphalt	LF	160.00
40.01	690.0250	Sawing Concrete	LF	330.00
40.02	SPV.0060.619	Adjust Manhole Cover Special	EACH	2.00
40.02	SPV.0060.631	Furnish & Install Insulation	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	3.80

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-18

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/26/2022	Scale: NTS
60631225P			

SHEBOYGAN AVENUE AT EAU CLAIRE AVENUE

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0105	Clearing	STA	2.00
40.01	201.0120	Clearing	ID	78.00
40.01	201.0205	Grubbing	STA	2.00
40.01	201.0220	Grubbing	ID	78.00
40.01	204.0150	Removing Curb & Gutter	LF	650.00
40.01	204.0155	Removing Concrete Sidewalk	SY	380.00
40.01	205.0100	Excavation Common	CY	730.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	110.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	30.00
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	30.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	350.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	120.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	30.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	320.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	320.00
10.02	415.4100	Concrete Pavement Joint Filling	SY	409.00
40.06	455.0605	Tack Coat	GAL	60.00
40.06	460.2000	Incentive Density HMA Pavement	DOL	86.00
40.06	460.6224	HMA Pavement 4 MT 58-28 S	TON	130.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	190.00
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	670.00
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	70.00
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	70.00
40.06	601.0600	Concrete Curb Pedestrian	LF	25.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	2390.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1590.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	140.00
40.07	620.0300	Concrete Median Sloped Nose	SF	260.00
10.02	624.0100	Water	MGAL	4.50
40.07	624.0100	Water	MGAL	15.10
40.06	625.0100	Topsoil	SY	470.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	470.00
40.06	628.6505	Soil Stabilizer Type A		0.10
40.06	629.0210	Fertilizer Type B	CWT	0.26
40.06	630.0500	Seed Water	MGAL	11.00
40.07	650.5000	Construction Staking Base	LF	212.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	670.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	185.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	8.00
20.01	652.0615	Conduit Special 3-Inch	LF	35.00
20.01	656.0200.308	Electrical Service Meter Breaker Pedestal (Eau Claire)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	350.00
40.01	690.0250	Sawing Concrete	LF	180.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	100.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00

Mark	REVISION	DATE	BY
Designed By: AECOM			
60631225P		10/26/2022	
		Scale: NTS	

60631225P  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ-19

FILE NAME: C:\OneDrive\AECOM\Cy of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 10/26/2022



SHEBOYGAN AVENUE AT EAU CLAIRE AVENUE

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.06	SPV.0060.504.05	Trees (Kentucky Coffee Tree, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.09	Trees (Chinquapin Oak, B&B, 2-IN)	EACH	1.00
40.06	SPV.0060.504.14	Trees (New Horizon Elm, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.02	SPV.0060.619	Adjust Manhole Cover Special	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	8.40
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	57.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	158.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	208.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	63.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	280.00

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/26/2022	Scale: NTS
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P  
 MQ-20

SHEBOYGAN AVENUE AT SEGOE ROAD WB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	440.00
40.01	204.0155	Removing Concrete Sidewalk	SY	240.00
40.01	205.0100	Excavation Common	CY	800.00
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	69.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	30.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	290.00
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	76.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	30.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	197.00
10.03	415.0110	Concrete Pavement 11-Inch	SY	210.00
10.03	415.4100	Concrete Pavement Joint Filling	SY	270.00
40.07	455.0605	Tack Coat	GAL	50.00
40.07	460.2000	Incentive Density HMA Pavement	DOL	70.00
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	110.00
10.03	601.0205	Concrete Gutter 24-Inch	LF	95.00
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	300.00
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	76.00
40.06	601.0600	Concrete Curb Pedestrian	LF	62.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	2360.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1700.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	83.00
10.03	624.0100	Water	MGAL	2.90
40.07	624.0100	Water	MGAL	11.00
40.06	625.0100	Topsoil	SY	230.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	230.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.05
40.06	629.0210	Fertilizer Type B	CWT	0.13
40.06	630.0500	Seed Water	MGAL	5.20
40.07	650.5000	Construction Staking Base	LF	157.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	300.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	170.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	7.00
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	133.00
20.01	652.0615	Conduit Special 3-Inch	LF	36.00
40.01	690.0150	Sawing Asphalt	LF	420.00
40.01	690.0250	Sawing Concrete	LF	93.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	60.00
20.01	SPV.0060.201	Install Electrical Pull Box Type I	EACH	2.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1.00
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1.00
40.06	SPV.0060.504.01	Trees (Early Glow Buckeye, B&B, 2-IN)	EACH	2.00
40.06	SPV.0060.504.18	Trees (Japanese Tree Lilac, B&B, 2-IN)	EACH	1.00

Mark	REVISION	DATE	BY
Designed By: AECOM		10/26/2022	
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-21

SHEBOYGAN AVENUE AT SEGOE ROAD WB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0085.501	Seeding	LB	4.20
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	20.00
40.07	SPV.0090.011	Docking Guide Strip	LF	70.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
20.01	SPV.0105.304	Electrical Service CT Cabinet (Segoe)	LS	1.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	120.00



60631225P

MQ-22

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P		10/26/2022	Scale: NTS

SHEBOYGAN AVENUE AT SEGOE ROAD EB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	390.00
40.01	204.0155	Removing Concrete Sidewalk	SY	45.00
40.01	205.0100	Excavation Common	CY	190.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	80.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	30.00
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	3.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	90.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	90.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	30.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	80.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	230.00
10.02	415.4100	Concrete Pavement Joint Filling	SY	265.00
40.06	455.0605	Tack Coat	GAL	15.00
40.06	460.2000	Incentive Density HMA Pavement	DOL	21.00
40.06	460.6224	HMA Pavement 4 MT 58-28 S	TON	30.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	98.00
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	91.00
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	30.00
40.06	601.0600	Concrete Curb Pedestrian	LF	24.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	280.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	660.00
40.07	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	70.00
40.07	620.0300	Concrete Median Sloped Nose	SF	147.00
10.02	624.0100	Water	MGAL	3.30
40.07	624.0100	Water	MGAL	4.50
40.06	625.0100	Topsoil	SY	200.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	200.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.04
40.06	629.0210	Fertilizer Type B	CWT	0.11
40.06	630.0500	Seed Water	MGAL	4.50
40.07	650.5000	Construction Staking Base	LF	55.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	91.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	143.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	3.00
40.01	690.0150	Sawing Asphalt	LF	220.00
40.01	690.0250	Sawing Concrete	LF	75.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	70.00
40.07	SPV.0060.003	Bike Rack	EACH	1.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.309	Snow Melt System Shelter Type A7	EACH	1.00

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/26/2022	Scale: NTS
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-23

SHEBOYGAN AVENUE AT SEGOE ROAD EB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.407	Reinforced Concrete Platform Type A7	EACH	1.00
20.01	SPV.0060.423	Platform Shelter Type A7	EACH	1.00
40.06	SPV.0060.504.18	Trees (Japanese Tree Lilac, B&B, 2-IN)	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	3.60
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	36.00
40.07	SPV.0090.011	Docking Guide Strip	LF	96.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	68.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	270.00



60631225P

MQ-24

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P	Date: 10/26/2022	Scale: NTS	



UNIVERSITY AVENUE AT MIDVALE BOULEVARD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	1210.00
40.01	204.0155	Removing Concrete Sidewalk	SY	230.00
40.02	204.0220	Removing Inlets	EACH	11.00
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	84.00
40.02	204.0291.S	Abandoning Sewer	CY	2.00
40.01	205.0100	Excavation Common	CY	760.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	190.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	30.00
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	10.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	310.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	210.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	30.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	280.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	57.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	561.00
10.02	415.4100	Concrete Pavement Joint Filling	SY	634.00
10.02	416.0610	Drilled Tie Bars	EACH	100.00
40.07	416.0610	Drilled Tie Bars	EACH	137.00
10.02	416.0620	Drilled Dowel Bars	EACH	55.00
40.06	455.0605	Tack Coat	GAL	78.00
40.06	460.2000	Incentive Density HMA Pavement	DOL	110.00
40.06	460.6224	HMA Pavement 4 MT 58-28 S	TON	172.00
40.02	520.8000	Concrete Collars for Pipe	EACH	5.00
40.06	601.0600	Concrete Curb Pedestrian	LF	23.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1040.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1640.00
40.07	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	164.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	242.00
40.02	611.0624	Inlet Covers Type H	EACH	2.00
40.02	611.3230	Inlets 2x3-FT	EACH	5.00
40.02	611.8110	Adjusting Manhole Covers	EACH	8.00
40.02	611.8115	Adjusting Inlet Covers	EACH	7.00
40.02	611.9710	Salvaged Inlet Covers	EACH	5.00
40.07	620.0300	Concrete Median Sloped Nose	SF	84.00
10.02	624.0100	Water	MGAL	7.90
40.07	624.0100	Water	MGAL	13.20
40.06	625.0100	Topsoil	SY	89.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	89.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.02
40.02	628.7020	Inlet Protection Type D	EACH	27.00
40.06	629.0210	Fertilizer Type B	CWT	0.05
40.06	630.0500	Seed Water	MGAL	2.00
40.07	650.5000	Construction Staking Base	LF	224.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	357.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	220.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	11.00

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-25

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P	Date: 10/26/2022	Scale: NTS	

UNIVERSITY AVENUE AT MIDVALE BOULEVARD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	652.0615	Conduit Special 3-Inch	LF	89.00
20.01	656.0200.310	Electrical Service Meter Breaker Pedestal (Midvale)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	680.00
40.01	690.0250	Sawing Concrete	LF	420.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	170.00
40.07	SPV.0060.003	Bike Rack	EACH	1.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.02	SPV.0060.601	Saddled Inlet Type I	EACH	4.00
40.02	SPV.0060.602	Inlets 2x3-FT, Special	EACH	2.00
40.02	SPV.0060.603	Field Pour Storm Structure	EACH	2.00
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1.00
40.02	SPV.0060.609	Relocate Hydrant	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.02	SPV.0060.631	Furnish & Install Insulation	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	1.60
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	130.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	47.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	24.00
40.07	SPV.0090.011	Docking Guide Strip	LF	154.00
10.02	SPV.0090.014	Concrete Gutter 12-Inch	LF	180.00
40.07	SPV.0090.016	Concrete Curb & Gutter Integral 24-Inch Type J (Mountable)	LF	50.00
40.07	SPV.0090.017	Concrete Curb & Gutter Integral 18-Inch Special	LF	39.00
40.07	SPV.0090.018	Concrete Curb & Gutter 24-Inch Type A	LF	357.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	424.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	53.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	220.00

Mark	REVISION	Scale: NTS
Designed By: AECCM	Date: 10/26/2022	
60631225P		

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-26

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 LAST PLOT DATE - 10/26/2022  
 FILE NAME

UNIVERSITY AVENUE AT SHOREWOOD BOULEVARD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	420.00
40.01	205.0100	Excavation Common	CY	400.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	150.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	66.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	160.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	44.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	441.00
10.02	415.4100	Concrete Pavement Joint Filling	SY	508.00
10.02	416.0610	Drilled Tie Bars	EACH	156.00
10.02	416.0620	Drilled Dowel Bars	EACH	45.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	710.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	41.00
40.07	620.0300	Concrete Median Sloped Nose	SF	87.00
10.02	624.0100	Water	MGAL	6.20
40.07	624.0100	Water	MGAL	2.20
40.06	625.0100	Topsoil	SY	20.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	20.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.06	629.0210	Fertilizer Type B	CWT	0.01
40.06	630.0500	Seed Water	MGAL	0.50
40.07	650.7000	Construction Staking Concrete Pavement	LF	200.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0615	Conduit Special 3-Inch	LF	84.00
20.01	656.0200.311	Electrical Service Meter Breaker Pedestal (Shorewood)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	450.00
40.01	690.0250	Sawing Concrete	LF	16.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	130.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5.00

MISCELLANEOUS QUANTITIES  
60631225P  
CITY OF MADISON, DANE COUNTY, WI  
BUS RAPID TRANSIT  
CONTRACT NO: 60631225C  
CITY OF MADISON



60631225P

MQ-27

Mark	DESIGNED BY: AECOM	DATE	Scale: NTS
	60631225P	10/26/2022	

Mark	REVISION	DATE	BY

UNIVERSITY AVENUE AT SHOREWOOD BOULEVARD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.02	SPV.0060.602	Inlets 2x3-FT, Special	EACH	3.00
40.02	SPV.0060.606	Storm Sewer Tap	EACH	2.00
40.02	SPV.0060.624	Adjust Inlets 2x3-FT, Special	EACH	2.00
40.06	SPV.0085.501	Seeding	LB	0.40
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	50.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	67.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	163.00
10.02	SPV.0090.014	Concrete Gutter 12-Inch	LF	200.00
40.07	SPV.0090.016	Concrete Curb & Gutter Integral 24-Inch Type J (Mountable)	LF	90.00
40.07	SPV.0090.017	Concrete Curb & Gutter Integral 18-Inch Special	LF	41.00
40.07	SPV.0090.018	Concrete Curb & Gutter 24-Inch Type A	LF	12.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	404.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	73.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	2.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	330.00



60631225P

MQ-28

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P		10/26/2022	Scale: NTS

UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	360.00
40.01	204.0155	Removing Concrete Sidewalk	SY	31.00
40.01	205.0100	Excavation Common	CY	360.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	130.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	61.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	150.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	36.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	92.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	400.00
10.02	415.4100	Concrete Pavement Joint Filling	SY	460.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	790.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.00
40.07	620.0300	Concrete Median Sloped Nose	SF	71.00
10.02	624.0100	Water	MGAL	5.60
40.07	624.0100	Water	MGAL	3.10
40.06	625.0100	Topsoil	SY	6.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	6.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.06	629.0210	Fertilizer Type B	CWT	0.01
40.06	630.0500	Seed Water	MGAL	0.10
40.07	650.7000	Construction Staking Concrete Pavement	LF	180.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0615	Conduit Special 3-Inch	LF	48.00
20.01	656.0200.312	Electrical Service Meter Breaker Pedestal (University Bay)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	410.00
40.01	690.0250	Sawing Concrete	LF	4.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	120.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1.00
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5.00

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/26/2022	Scale: NTS
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
 MQ-29



UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.02	SPV.0060.606	Storm Sewer Tap	EACH	2.00
40.02	SPV.0060.624	Adjust Inlets 2x3-FT, Special	EACH	2.00
40.06	SPV.0085.501	Seeding	LB	0.10
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	94.00
40.07	SPV.0090.011	Docking Guide Strip	LF	158.00
10.02	SPV.0090.014	Concrete Gutter 12-Inch	LF	186.00
40.07	SPV.0090.016	Concrete Curb & Gutter Integral 24-Inch Type J (Mountable)	LF	60.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	260.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	62.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	84.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	310.00



60631225P

MQ-30

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P		10/26/2022	
			Scale: NTS

CAMPUS DRIVE EB ROADWAY WORK

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	9.00
40.01	204.0120	Removing Asphaltic Surface Milling	SY	1940.00
40.01	204.0150	Removing Curb & Gutter	LF	750.00
40.01	205.0100	Excavation Common	CY	1510.00
40.07	210.1100	Backfill Structure Type A	CY	38.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	570.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	220.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	620.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	361.00
40.06	455.0605	Tack Coat	GAL	1340.00
40.06	460.2000	Incentive Density HMA Pavement	DOL	380.00
10.02	460.7223	HMA Pavement 3 HT 58-28 S	TON	286.00
10.02	460.7422	HMA Pavement 2 HT 58-28 H	TON	95.00
40.07	460.7424	HMA Pavement 4 HT 58-28 H	TON	217.00
40.02	465.0125	Asphaltic Surface Temporary	TON	3.00
40.02	520.8000	Concrete Collars for Pipe	EACH	3.00
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	85.00
40.05	603.1436	Concrete Barrier Type S36C	LF	183.00
40.05	603.1442	Concrete Barrier Type S42C	LF	123.00
40.07	603.3535	Concrete Barrier Transition Type S36 to S42	EACH	1.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	8.00
40.02	611.0530	Manhole Covers Type J	EACH	1.00
40.02	611.0606	Inlet Covers Type B	EACH	1.00
40.02	611.3220	Inlets 2x2-FT	EACH	1.00
40.02	611.3230	Inlets 2x3-FT	EACH	1.00
40.02	611.8110	Adjusting Manhole Covers	EACH	2.00
40.02	611.8115	Adjusting Inlet Covers	EACH	1.00
40.02	611.9710	Salvaged Inlet Covers	EACH	4.00
10.02	624.0100	Water	MGAL	24.00
40.07	624.0100	Water	MGAL	11.60
40.06	625.0100	Topsoil	SY	400.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	400.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.08
40.02	628.7020	Inlet Protection Type D	EACH	5.00
40.06	629.0210	Fertilizer Type B	CWT	0.23
40.06	630.0500	Seed Water	MGAL	9.00
40.02	650.4000	Construction Staking Storm Sewer	EACH	7.00
40.07	650.5000	Construction Staking Base	LF	750.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	750.00
40.05	650.7500	Construction Staking Concrete Barrier	LF	336.00
40.07	650.9920	Construction Staking Slope Stakes	LF	777.00
40.01	690.0150	Sawing Asphalt	LF	780.00

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-31

REVISION	DATE	BY
Mark	10/26/2022	
Designed By: AECCM		
60631225P		
Scale: NTS		

CAMPUS DRIVE EB ROADWAY WORK

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	690.0250	Sawing Concrete	LF	5.00
40.07	SPV.0060.006	Sloped Concrete Barrier End Treatment	EACH	1.00
40.02	SPV.0060.603	Field Pour Storm Structure	EACH	3.00
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	7.20
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	660.00
40.01	SPV.0105.001	Campus Drive Excavation for Barrier, Site Preservation & Restoration	LS	1.00



60631225P

MQ-32

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	Date	BY
Designed By: AECOM 60631225P		10/26/2022	

UNIVERSITY AVENUE AT ORCHARD STREET WB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	350.00
40.01	204.0155	Removing Concrete Sidewalk	SY	190.00
40.01	204.0170	Removing Fence	LF	87.00
40.02	204.0220	Removing Inlets	EACH	2.00
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	7.00
40.02	204.0245.03	Removing Storm Sewer - 18 inch	LF	19.00
40.02	204.0291.S	Abandoning Sewer	CY	12.00
40.01	205.0100	Excavation Common	CY	52.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	70.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	25.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	58.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	77.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	27.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	42.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	29.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	210.00
40.07	415.0110	Concrete Pavement 11-Inch	SY	63.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	307.00
10.02	416.0610	Drilled Tie Bars	EACH	63.00
40.07	416.0610	Drilled Tie Bars	EACH	50.00
10.02	416.0620	Drilled Dowel Bars	EACH	25.00
40.07	416.0620	Drilled Dowel Bars	EACH	3.00
40.02	520.8000	Concrete Collars for Pipe	EACH	4.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	80.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	60.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1390.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	82.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	10.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	100.00
40.02	608.2314	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 14x23-Inch	LF	200.00
40.02	611.0530	Manhole Covers Type J	EACH	3.00
40.02	611.2004	Manholes 4-FT Diameter	EACH	2.00
40.02	611.2005	Manholes 5-FT Diameter	EACH	1.00
40.02	611.3230	Inlets 2x3-FT	EACH	3.00
40.02	611.8110	Adjusting Manhole Covers	EACH	3.00
40.02	611.9710	Salvaged Inlet Covers	EACH	2.00
40.02	612.0106	Pipe Underdrain 6-Inch	LF	5.00
10.02	624.0100	Water	MGAL	2.90
40.07	624.0100	Water	MGAL	3.00
40.06	625.0100	Topsoil	SY	17.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	17.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.02	628.7020	Inlet Protection Type D	EACH	7.00
40.06	629.0210	Fertilizer Type B	CWT	0.01
40.06	630.0500	Seed Water	MGAL	0.40
40.02	650.4000	Construction Staking Storm Sewer	EACH	8.00

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-33

Mark	REVISION	DATE
Designed By: AECOM 60631225P	Date:	Scale: NTS
		10/26/2022

UNIVERSITY AVENUE AT ORCHARD STREET WB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	20.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	220.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	1.00
20.01	652.0615	Conduit Special 3-Inch	LF	81.00
20.01	656.0200.313	Electrical Service Meter Breaker Pedestal (Orchard WB)	LS	1.00
40.01	690.0250	Sawing Concrete	LF	470.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	80.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.304	Snow Melt System Shelter Type A2	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.402	Reinforced Concrete Platform Type A2	EACH	1.00
20.01	SPV.0060.418	Platform Shelter Type A2	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6.00
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1.00
40.02	SPV.0060.609	Relocate Hydrant	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	0.30
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	25.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	70.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	396.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
40.02	SPV.0090.601	Sidewalk Trench Drain	LF	80.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	9.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	140.00

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
**CITY OF MADISON**



60631225P

MQ-34

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM		10/26/2022	
60631225P			
		Scale: NTS	



JOHNSON STREET AT ORCHARD STREET EB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0105	Clearing	STA	1.00
40.01	201.0120	Clearing	ID	4.00
40.01	201.0205	Grubbing	STA	1.00
40.01	201.0220	Grubbing	ID	4.00
40.01	204.0100	Removing Concrete Pavement	SY	600.00
40.01	204.0150	Removing Curb & Gutter	LF	57.00
40.01	204.0155	Removing Concrete Sidewalk	SY	430.00
40.02	204.0220	Removing Inlets	EACH	1.00
40.01	205.0100	Excavation Common	CY	170.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	82.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	25.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	152.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	90.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	27.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	93.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	86.00
40.07	405.1000	Stamping Colored Concrete	CY	27.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	246.00
40.07	415.0110	Concrete Pavement 11-Inch	SY	107.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	367.00
10.02	416.0610	Drilled Tie Bars	EACH	91.00
40.07	416.0610	Drilled Tie Bars	EACH	49.00
10.02	416.0620	Drilled Dowel Bars	EACH	12.00
40.02	520.8000	Concrete Collars for Pipe	EACH	1.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	80.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	30.00
40.07	601.0600	Concrete Curb Pedestrian	LF	110.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	4530.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	290.00
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.00
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	112.00
40.02	611.0624	Inlet Covers Type H	EACH	2.00
40.02	611.3230	Inlets 2x3-FT	EACH	3.00
40.02	611.8110	Adjusting Manhole Covers	EACH	1.00
40.02	611.8115	Adjusting Inlet Covers	EACH	1.00
40.02	611.9710	Salvaged Inlet Covers	EACH	1.00
10.02	624.0100	Water	MGAL	3.50
40.07	624.0100	Water	MGAL	5.90
40.06	625.0100	Topsoil	SY	100.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	100.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.02
40.02	628.7020	Inlet Protection Type D	EACH	3.00
40.06	629.0210	Fertilizer Type B	CWT	0.06
40.06	630.0500	Seed Water	MGAL	2.30
40.02	650.4000	Construction Staking Storm Sewer	EACH	3.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	100.00

Mark	REVISION	DATE	BY
Designed By: AECOM		10/26/2022	
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P

MQ-35

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 LAST PLOT DATE - 10/26/2022  
 FILE NAME

JOHNSON STREET AT ORCHARD STREET EB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	650.7000	Construction Staking Concrete Pavement	LF	290.00
40.06	650.9000	Construction Staking Curb Ramps	EACH	4.00
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	47.00
20.01	656.0200.314	Electrical Service Meter Breaker Pedestal (Orchard EB)	LS	1.00
40.01	690.0250	Sawing Concrete	LF	730.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	60.00
40.06	SPV.0035.003	Red Granite Chips	CY	1.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.304	Snow Melt System Shelter Type A2	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.402	Reinforced Concrete Platform Type A2	EACH	1.00
20.01	SPV.0060.418	Platform Shelter Type A2	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0085.501	Seeding	LB	1.80
40.07	SPV.0090.001	Concrete Curb & Gutter 30-Inch Type A Special	LF	290.00
40.07	SPV.0090.002	Concrete Curb & Gutter 18-Inch Type A Special	LF	90.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	70.00
40.06	SPV.0090.013	Campus Railing	LF	77.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	256.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	44.00
40.07	SPV.0165.002	Brick Pavers on Concrete Base	SF	320.00

REVISION	DATE	BY

60631225P  
MISCELLANEOUS QUANTITIES  
BUS RAPID TRANSIT  
**CITY OF MADISON**

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C



60631225P

MQ-36

UNIVERSITY AVENUE AT EAST CAMPUS MALL WB/SB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0105	Clearing	STA	4.00
40.01	201.0120	Clearing	ID	23.00
40.01	201.0205	Grubbing	STA	4.00
40.01	201.0220	Grubbing	ID	23.00
40.01	204.0100	Removing Concrete Pavement	SY	520.00
40.01	204.0155	Removing Concrete Sidewalk	SY	280.00
40.02	204.0220	Removing Inlets	EACH	1.00
40.01	205.0100	Excavation Common	CY	160.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	130.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	50.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	77.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	150.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	54.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	43.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	90.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	397.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	472.00
10.02	416.0610	Drilled Tie Bars	EACH	118.00
40.07	416.0610	Drilled Tie Bars	EACH	23.00
10.02	416.0620	Drilled Dowel Bars	EACH	31.00
40.02	520.8000	Concrete Collars for Pipe	EACH	3.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	150.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	90.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	3090.00
40.02	611.0624	Inlet Covers Type H	EACH	2.00
40.02	611.3230	Inlets 2x3-FT	EACH	3.00
40.02	611.8110	Adjusting Manhole Covers	EACH	5.00
40.02	611.8115	Adjusting Inlet Covers	EACH	1.00
40.02	611.9710	Salvaged Inlet Covers	EACH	1.00
10.02	624.0100	Water	MGAL	5.60
40.07	624.0100	Water	MGAL	4.50
40.02	628.7020	Inlet Protection Type D	EACH	5.00
40.02	650.4000	Construction Staking Storm Sewer	EACH	3.00
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	70.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	300.00
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	48.00
20.01	656.0200.315	Electrical Service Meter Breaker Pedestal (East Campus Mall WB)	LS	1.00
20.01	656.0500.301	Electrical Service Breaker Disconnect Box (East Campus Mall WB)	LS	2.00
40.01	690.0250	Sawing Concrete	LF	690.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	120.00
40.06	SPV.0035.003	Red Granite Chips	CY	4.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	2.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1.00

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/26/2022	Scale: NTS
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P

MQ-37

UNIVERSITY AVENUE AT EAST CAMPUS MALL WB/SB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1.00
20.01	SPV.0060.448	Reinforced Concrete Platform without a Canopy	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	8.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	14.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	12.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	12.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	8.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	12.00
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.02	SPV.0060.619	Adjust Manhole Cover Special	EACH	1.00
40.07	SPV.0090.001	Concrete Curb & Gutter 30-Inch Type A Special	LF	70.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	30.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	155.00
40.06	SPV.0090.013	Campus Railing	LF	102.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	328.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	32.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	290.00



60631225P

MQ-38

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

Mark	Designed By	AECOM	Scale	N/T'S

REVISION	Date	BY
	10/26/2022	

JOHNSON STREET AT EAST CAMPUS MALL EB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	350.00
40.01	204.0155	Removing Concrete Sidewalk	SY	330.00
40.01	205.0100	Excavation Common	CY	88.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	39.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	25.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	44.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	43.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	28.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	18.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	44.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	118.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	150.00
10.02	416.0610	Drilled Tie Bars	EACH	45.00
10.02	416.0620	Drilled Dowel Bars	EACH	20.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	80.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	40.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	2160.00
10.02	624.0100	Water	MGAL	1.70
40.07	624.0100	Water	MGAL	1.20
40.06	625.0100	Topsoil	SY	36.00
40.06	627.0200	Mulching	SY	36.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	36.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.06	629.0210	Fertilizer Type B	CWT	0.02
40.06	630.0500	Seed Water	MGAL	0.80
40.07	650.7000	Construction Staking Concrete Pavement	LF	120.00
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	55.00
20.01	656.0200.316	Electrical Service Meter Breaker Pedestal (East Campus Mall EB)	LS	1.00
20.01	656.0500.302	Electrical Service Breaker Disconnect Box (East Campus Mall EB)	LS	1.00
40.01	690.0250	Sawing Concrete	LF	480.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	40.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1.00
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3.00

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P	Date: 10/26/2022	Scale: NTS	

**60631225P**  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
**CITY OF MADISON**  
 CONTRACT NO: 60631225C



60631225P

MQ-39



JOHNSON STREET AT EAST CAMPUS MALL EB

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0085.501	Seeding	LB	0.70
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15.00
40.07	SPV.0090.011	Docking Guide Strip	LF	85.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	288.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	100.00



60631225P

MQ-40

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	Scale: NTS
Designed By: AECOM 60631225P	Date: 10/26/2022	BY

STATION LOCATION: STATE STREET AT JOHNSON STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	19
40.01	201.0220	Grubbing	ID	19
40.01	204.0100	Removing Concrete Pavement	SY	160
40.01	204.0150	Removing Curb & Gutter	LF	16
40.01	204.0155	Removing Concrete Sidewalk	SY	190
40.01	204.0195	Removing Concrete Bases	EACH	3
40.01	205.0100	Excavation Common	CY	190
20.01	209.1500	Backfill Granular Grade 1	TON	110
40.06	209.1500	Backfill Granular Grade 1	TON	130
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	57
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	19
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	15
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	62
10.03	415.0110	Concrete Pavement 11-Inch	SY	140
10.03	415.4100	Concrete Pavement Joint Filling	SY	170
10.03	416.0610	Drilled Tie Bars	EACH	45
10.03	416.0620	Drilled Dowel Bars	EACH	25
40.07	601.0205	Concrete Gutter 24-Inch	LF	65
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	150
40.02	611.8115	Adjusting Inlet Covers	EACH	1
10.03	624.0100	Water	MGAL	2
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	0.3
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.02	628.7015	Inlet Protection Type C	EACH	6
40.07	650.7000	Construction Staking Concrete Pavement	LF	100
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	80
20.01	656.0200.318	Electrical Service Meter Breaker Pedestal (State Street EB)	LS	1
20.01	656.0500.304	Electrical Service Breaker Disconnect Box (State Street EB)	LS	1
40.01	690.0250	Sawing Concrete	LF	310
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.02	SPV.0060.004	Adjusting Kiosk	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	3
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1

STATION LOCATION: STATE STREET AT JOHNSON STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.305	Snow Melt System Shelter Type A3	EACH	1
20.01	SPV.0060.403	Reinforced Concrete Platform Type A3	EACH	1
20.01	SPV.0060.419	Platform Shelter Type A3	EACH	1
40.01	SPV.0060.432	Remove and Salvage Metro Local Route Shelter	EACH	3
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1
40.02	SPV.0060.622	Furnish & Install 1-Inch Water Service	EACH	3
40.02	SPV.0060.627	Remove and Replace Irrigation System	EACH	2
40.07	SPV.0090.005	Concrete Curb & Gutter 4-Inch Integral 24-Inch Special	LF	46
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	69
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	388
40.06	SPV.0090.401	Pedestrian Handrail	LF	61
40.01	SPV.0090.501	Granite Planter Edge Remove and Salvage	LF	100
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	35
40.06	SPV.0165.001	C1 Concrete Sidewalk 7-Inch	SF	950
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	100

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ1-E

Mark: \_\_\_\_\_ Date: 10/26/2022 Scale: NTS  
 REVISION: \_\_\_\_\_  
 Designed By: STRAND  
 60631225P  
 FILE NAME: C:\OneDrive\AECOM\Civ of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 10/26/2022

STATION LOCATION: STATE STREET AT GORHAM STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	16
40.01	201.0220	Grubbing	ID	16
40.01	204.0100	Removing Concrete Pavement	SY	120
40.01	204.0155	Removing Concrete Sidewalk	SY	140
40.01	204.0195	Removing Concrete Bases	EACH	1
40.01	205.0100	Excavation Common	CY	170
20.01	209.1500	Backfill Granular Grade 1	TON	130
40.06	209.1500	Backfill Granular Grade 1	TON	120
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	37
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	19
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	14
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	41
10.03	415.0110	Concrete Pavement 11-Inch	SY	88
10.03	415.4100	Concrete Pavement Joint Filling	SY	110
10.03	416.0610	Drilled Tie Bars	EACH	32
40.06	416.0610	Drilled Tie Bars	EACH	18
10.03	416.0620	Drilled Dowel Bars	EACH	24
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	180
40.02	611.8110	Adjusting Manhole Covers	EACH	1
10.03	624.0100	Water	MGAL	2
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	0.3
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.02	628.7015	Inlet Protection Type C	EACH	4
40.07	650.7000	Construction Staking Concrete Pavement	LF	81
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	4
20.01	656.0200.317	Electrical Service Meter Breaker Pedestal (State Street WB)	LS	1
20.01	656.0500.303	Electrical Service Breaker Disconnect Box (State Street WB)	LS	1
40.01	690.0250	Sawing Concrete	LF	245
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.306	Snow Melt System Shelter Type A4	EACH	1
20.01	SPV.0060.404	Reinforced Concrete Platform Type A4	EACH	1
20.01	SPV.0060.420	Platform Shelter Type A4	EACH	1
40.01	SPV.0060.432	Remove and Salvage Metro Local Route Shelter	EACH	3
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.07	SPV.0090.005	Concrete Curb & Gutter 4-Inch Integral 24-Inch Special	LF	6
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	50
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	84
40.06	SPV.0090.401	Pedestrian Handrail	LF	61
40.06	SPV.0165.001	C1 Concrete Sidewalk 7-Inch	SF	480
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	120

Mark	REVISION	DATE	BY
Designed By: STRAND 60631225P	Date: 10/26/2022	Scale: NTS	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ2-E

STATION LOCATION: CAPITAL SQUARE - MIFFLIN STREET AT WISCONSIN AVENUE

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	670
40.01	204.0155	Removing Concrete Sidewalk	SY	69
40.01	205.0100	Excavation Common	CY	180
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	140
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	74
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	160
10.03	415.0110	Concrete Pavement 11-Inch	SY	430
10.03	415.4100	Concrete Pavement Joint Filling	SY	480
10.03	416.0610	Drilled Tie Bars	EACH	87
10.03	416.0620	Drilled Dowel Bars	EACH	90
40.02	520.8000	Concrete Collars for Pipe	EACH	1
40.07	601.0205	Concrete Gutter 24-Inch	LF	85
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	85
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1510
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	12
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	240
40.02	611.0535	Manhole Covers Type J-Special	EACH	2
40.02	611.0624	Inlet Covers Type H	EACH	1
40.02	611.2004	Manholes 4-FT Diameter	EACH	2
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.8115	Adjusting Inlet Covers	EACH	1
10.03	624.0100	Water	MGAL	6.0
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	1.5
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.02	628.7015	Inlet Protection Type C	EACH	3
40.07	650.7000	Construction Staking Concrete Pavement	LF	220
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	7
20.01	656.0200.320	Electrical Service Meter Breaker Pedestal (Wisconsin)	LS	1
20.01	656.0500.306	Electrical Service Breaker Disconnect Box (Wisconsin)	LS	1
40.01	690.0250	Sawing Concrete	LF	540
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1

STATION LOCATION: CAPITAL SQUARE - MIFFLIN STREET AT WISCONSIN AVENUE CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.304	Snow Melt System Shelter Type A2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.402	Reinforced Concrete Platform Type A2	EACH	1
20.01	SPV.0060.418	Platform Shelter Type A2	EACH	1
40.01	SPV.0060.432	Remove and Salvage Metro Local Route Shelter	EACH	3
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1
40.02	SPV.0060.627	Remove and Replace Irrigation System	EACH	1
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	6
40.06	SPV.0090.005	Concrete Curb & Gutter 4-Inch Integral 24-Inch Special	LF	43
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	70
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	96
40.06	SPV.0090.401	Pedestrian Handrail	LF	66
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	90
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	160

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ3-E

REVISION	DATE	BY
Mark	10/26/2022	Scale: NTS
Designed By: STRAND		
60631225P		

**STATION LOCATION: DAYTON STREET AUXILIARY STATION**

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	10
40.01	201.0220	Grubbing	ID	10
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	5
40.01	204.0120	Removing Asphaltic Surface Milling	SY	110
40.01	204.0150	Removing Curb & Gutter	LF	95
40.01	204.0155	Removing Concrete Sidewalk	SY	81
40.01	205.0100	Excavation Common	CY	11
40.01	208.0100	Borrow	CY	1
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	19
40.07	455.0605	Tack Coat	GAL	7
40.07	460.2000	Incentive Density HMA Pavement	DOL	10
40.07	460.5224	HMA Pavement 4 LT 58-28 S	TON	13
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	90
20.04	602.0410	Concrete Sidewalk 5-Inch	SF	360
20.04	602.0420	Concrete Sidewalk 7-Inch	SF	310
20.04	624.0100	Water	MGAL	0
40.06	625.0105	Topsoil	CY	0
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	5
40.06	629.0210	Fertilizer Type B	CWT	0.01
40.06	630.0500	Seed Water	MGAL	0.1
20.04	650.5000	Construction Staking Base	LF	100
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	90
40.01	690.0250	Sawing Concrete	LF	140
20.04	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.502	Tree Grates	EACH	2
40.06	SPV.0060.504.06	Trees (Skyline Thornless Honey Locust, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.13	Trees (Princeton Elm, B&B, 2-IN)	EACH	1
40.06	SPV.0085.501	Seeding	LB	0

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ4-E

Mark	REVISION	DATE	BY
Designed By: STRAND 60631225P	Date: 10/26/2022	Scale: NTS	



STATION LOCATION: CAPITAL SQUARE - MAIN STREET AT MARTIN LUTHER KING BOULEVARD

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	600
40.01	204.0155	Removing Concrete Sidewalk	SY	110
40.01	204.0195	Removing Concrete Bases	EACH	1
40.01	205.0100	Excavation Common	CY	180
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	150
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	62
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	170
10.02	415.0110	Concrete Pavement 11-Inch	SY	410
10.02	415.4100	Concrete Pavement Joint Filling	SY	470
10.02	416.0610	Drilled Tie Bars	EACH	102
10.02	416.0620	Drilled Dowel Bars	EACH	62
40.02	520.8000	Concrete Collars for Pipe	EACH	1
40.07	601.0205	Concrete Gutter 24-Inch	LF	85
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	37
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1340
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	20
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	6
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.8110	Adjusting Manhole Covers	EACH	2
40.02	611.9710	Salvaged Inlet Covers	EACH	1
10.02	624.0100	Water	MGAL	6.4
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	1.2
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.02	628.7015	Inlet Protection Type C	EACH	4
40.07	650.7000	Construction Staking Concrete Pavement	LF	240
40.06	650.9000	Construction Staking Curb Ramps	EACH	1
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	3
20.01	656.0200.319	Electrical Service Meter Breaker Pedestal (Martin Luther King Jr.)	LS	1
20.01	656.0500.305	Electrical Service Breaker Disconnect Box (Martin Luther King Jr.)	LS	1
40.01	690.0250	Sawing Concrete	LF	590
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1

STATION LOCATION: CAPITAL SQUARE - MAIN STREET AT MARTIN LUTHER KING BOULEVARD CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.304	Snow Melt System Shelter Type A2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.402	Reinforced Concrete Platform Type A2	EACH	1
20.01	SPV.0060.418	Platform Shelter Type A2	EACH	1
40.01	SPV.0060.432	Remove and Salvage Metro Local Route Shelter	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1
40.02	SPV.0060.608	Inlet Cover R-1879-B4G	EACH	1
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	39
40.07	SPV.0090.005	Concrete Curb & Gutter 4-Inch Integral 24-Inch Special	LF	100
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	70
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	80
40.06	SPV.0090.401	Pedestrian Handrail	LF	46
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	150
40.06	SPV.0165.001	C1 Concrete Sidewalk 7-Inch	SF	25
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	170

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ5-E

REVISION	DATE	BY
10/26/2022		

Mark  
 Designed By: STRAND  
 60631225P

STATION LOCATION: EAST WASHINGTON AVENUE AT BLAIR STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	34
40.01	201.0210	Grubbing	SY	150
40.01	201.0220	Grubbing	ID	34
40.01	204.0100	Removing Concrete Pavement	SY	900
40.01	204.0155	Removing Concrete Sidewalk	SY	49
40.01	204.0195	Removing Concrete Bases	EACH	1
40.01	205.0100	Excavation Common	CY	140
40.01	208.0100	Borrow	CY	19
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	110
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	31
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	24
10.02	405.0100	Coloring Concrete WisDOT Red	CY	130
40.07	405.1000	Stamping Colored Concrete	CY	14
10.02	415.0100	Concrete Pavement 10-Inch	SY	450
10.02	415.4100	Concrete Pavement Joint Filling	SY	1030
10.02	416.0610	Drilled Tie Bars	EACH	229
10.02	416.0620	Drilled Dowel Bars	EACH	92
10.02	455.0605	Tack Coat	GAL	1
10.02	460.6223	HMA Pavement 3 MT 58-28 S	TON	3
10.02	460.6224	HMA Pavement 4 MT 58-28 S	TON	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	200
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	76
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60
40.07	601.0600	Concrete Curb Pedestrian	LF	11
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	440
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	60
40.07	620.0300	Concrete Median Sloped Nose	SF	100
20.01	624.0100	Water	MGAL	3.9
40.06	624.0100	Water	MGAL	0.6
40.07	624.0100	Water	MGAL	2.2
40.06	625.0105	Topsoil	CY	8
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	140
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.1
40.02	628.7015	Inlet Protection Type C	EACH	9
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	3.3
40.07	650.7000	Construction Staking Concrete Pavement	LF	573
40.06	650.9000	Construction Staking Curb Ramps	EACH	4

STATION LOCATION: EAST WASHINGTON AVENUE AT BLAIR STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	652.0615	Conduit Special 3-Inch	LF	93
20.01	656.0200.321	Electrical Service Meter Breaker Pedestal (Blair)	LS	1
20.01	656.0500.307	Electrical Service Breaker Disconnect Box (Blair)	LS	1
40.01	690.0250	Sawing Concrete	LF	670
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.312	Snow Melt System Shelter Type B2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.410	Reinforced Concrete Platform Type B2	EACH	1
20.01	SPV.0060.426	Platform Shelter Type B2	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.14	Trees (New Horizon Elm, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.623	Remove Irrigation System	EACH	1
40.06	SPV.0085.501	Seeding	LB	2
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	220
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	70
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	165
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	440
40.06	SPV.0090.401	Pedestrian Handrail	LF	136
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	460

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ6-E

REVISION	DATE	BY
Mark	10/26/2022	Scale: NTS
Designed By: STRAND		
60631225P		

STATION LOCATION: EAST WASHINGTON AVENUE AT PATERSON STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	1010
40.01	204.0150	Removing Curb & Gutter	LF	56
40.01	204.0155	Removing Concrete Sidewalk	SY	83
40.02	204.0220	Removing Inlets	EACH	3
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	19
40.02	204.0280	Sealing Pipes	EACH	1
40.02	204.0291.S	Abandoning Sewer	CY	1
40.01	205.0100	Excavation Common	CY	54
40.01	208.0100	Borrow	CY	40
40.07	209.0300.S	Backfill Course Aggregate Size No. 1	CY	1
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	8
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	31
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	29
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	34
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	24
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	66
10.02	405.0100	Coloring Concrete WisDOT Red	CY	51
40.07	405.1000	Stamping Colored Concrete	CY	10
10.02	415.0100	Concrete Pavement 10-Inch	SY	540
10.02	415.4100	Concrete Pavement Joint Filling	SY	850
10.02	416.0610	Drilled Tie Bars	EACH	236
10.02	416.0620	Drilled Dowel Bars	EACH	64
40.02	520.8000	Concrete Collars for Pipe	EACH	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	170
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	72
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60
40.07	601.0600	Concrete Curb Pedestrian	LF	10
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	430
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	400
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	70
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	160
40.02	611.0624	Inlet Covers Type H	EACH	1
40.02	611.0627	Inlet Covers Type HM	EACH	2
40.02	611.3230	Inlets 2x3-FT	EACH	3
40.02	611.8110	Adjusting Manhole Covers	EACH	1
40.02	612.0106	Pipe Underdrain 6-Inch	LF	39
40.07	620.0300	Concrete Median Sloped Nose	SF	22
20.01	624.0100	Water	MGAL	0.6
40.06	624.0100	Water	MGAL	0.6
40.07	624.0100	Water	MGAL	0.7

STATION LOCATION: EAST WASHINGTON AVENUE AT PATERSON STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	625.0105	Topsoil	CY	10
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	180
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.04
40.02	628.7015	Inlet Protection Type C	EACH	13
40.06	629.0210	Fertilizer Type B	CWT	0.12
40.06	630.0500	Seed Water	MGAL	4
40.06	645.0112	Geotextile Type DF Schedule B	SY	22
40.07	650.7000	Construction Staking Concrete Pavement	LF	590
40.06	650.9000	Construction Staking Curb Ramps	EACH	4
20.01	652.0615	Conduit Special 3-Inch	LF	54
20.01	656.0200.322	Electrical Service Meter Breaker Pedestal (Paterson)	LS	1
20.01	656.0500.308	Electrical Service Breaker Disconnect Box (Paterson)	LS	1
40.01	690.0250	Sawing Concrete	LF	860
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.312	Snow Melt System Shelter Type B2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.410	Reinforced Concrete Platform Type B2	EACH	1
20.01	SPV.0060.426	Platform Shelter Type B2	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.623	Remove Irrigation System	EACH	1
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	57
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	260
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	34
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	147
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	284
40.06	SPV.0090.401	Pedestrian Handrail	LF	40
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	86
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	200

Mark	REVISION	Date	Scale
Designed By: STRAND		10/26/2022	NTS
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ7-E

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 LAST PLOT DATE: 10/26/2022  
 FILE NAME:

STATION LOCATION: EAST WASHINGTON AVENUE AT BALDWIN STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	930
40.01	204.0150	Removing Curb & Gutter	LF	34
40.01	204.0155	Removing Concrete Sidewalk	SY	93
40.02	204.0210	Removing Manholes	EACH	1
40.02	204.0220	Removing Inlets	EACH	1
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	19
40.01	205.0100	Excavation Common	CY	60
40.01	208.0100	Borrow	CY	46
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	31
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	26
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	13
10.02	405.0100	Coloring Concrete WisDOT Red	CY	48
40.07	405.1000	Stamping Colored Concrete	CY	11
10.02	415.0100	Concrete Pavement 10-Inch	SY	290
40.07	415.0100	Concrete Pavement 10-Inch	SY	150
10.02	415.4100	Concrete Pavement Joint Filling	SY	550
40.07	415.4100	Concrete Pavement Joint Filling	SY	180
10.02	416.0610	Drilled Tie Bars	EACH	152
40.07	416.0610	Drilled Tie Bars	EACH	52
10.02	416.0620	Drilled Dowel Bars	EACH	60
40.07	416.0620	Drilled Dowel Bars	EACH	18
40.02	520.8000	Concrete Collars for Pipe	EACH	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	170
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	72
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60
40.07	601.0600	Concrete Curb Pedestrian	LF	10
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	260
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	400
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	80
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	21
40.02	611.0624	Inlet Covers Type H	EACH	1
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.8110	Adjusting Manhole Covers	EACH	2
40.02	611.8115	Adjusting Inlet Covers	EACH	1
40.07	620.0300	Concrete Median Sloped Nose	SF	22
20.01	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	1
40.07	624.0100	Water	MGAL	1
40.06	625.0105	Topsoil	CY	8

STATION LOCATION: EAST WASHINGTON AVENUE AT BALDWIN STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	140
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.03
40.02	628.7015	Inlet Protection Type C	EACH	10
40.06	629.0210	Fertilizer Type B	CWT	0.09
40.06	630.0500	Seed Water	MGAL	3
40.07	650.7000	Construction Staking Concrete Pavement	LF	480
40.06	650.9000	Construction Staking Curb Ramps	EACH	4
20.01	652.0615	Conduit Special 3-Inch	LF	55
20.01	656.0200.323	Electrical Service Meter Breaker Pedestal (Baldwin)	LS	1
20.01	656.0500.309	Electrical Service Breaker Disconnect Box (Baldwin)	LS	1
40.01	690.0250	Sawing Concrete	LF	800
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.312	Snow Melt System Shelter Type B2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.410	Reinforced Concrete Platform Type B2	EACH	1
20.01	SPV.0060.426	Platform Shelter Type B2	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	2
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.623	Remove Irrigation System	EACH	1
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	130
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	110
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	36
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	147
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	288
40.06	SPV.0090.401	Pedestrian Handrail	LF	40
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	150
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	200

Mark	REVISION	Date	Scale
60631225P		10/26/2022	NTS

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ8-E

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 LAST PLOT DATE: 10/26/2022  
 FILE NAME:



STATION LOCATION: EAST WASHINGTON AVENUE AT FIRST STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	550
40.01	204.0150	Removing Curb & Gutter	LF	34
40.01	204.0155	Removing Concrete Sidewalk	SY	130
40.02	204.0220	Removing Inlets	EACH	2
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	17
40.01	205.0100	Excavation Common	CY	95
40.02	209.1500	Backfill Granular Grade 1	TON	10
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	29
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	26
10.02	405.0100	Coloring Concrete WisDOT Red	CY	66
40.07	405.1000	Stamping Colored Concrete	CY	9
10.02	415.0100	Concrete Pavement 10-Inch	SY	220
10.02	415.4100	Concrete Pavement Joint Filling	SY	530
40.07	415.4100	Concrete Pavement Joint Filling	SY	8
10.02	416.0610	Drilled Tie Bars	EACH	154
10.02	416.0620	Drilled Dowel Bars	EACH	51
40.02	520.8000	Concrete Collars for Pipe	EACH	1
40.07	601.0205	Concrete Gutter 24-Inch	LF	210
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	73
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60
40.07	601.0600	Concrete Curb Pedestrian	LF	7
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	220
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	350
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	60
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	34
40.02	611.0624	Inlet Covers Type H	EACH	1
40.02	611.0627	Inlet Covers Type HM	EACH	1
40.02	611.3004	Inlets 4-FT Diameter	EACH	2
40.07	620.0300	Concrete Median Sloped Nose	SF	19
20.01	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	1
40.07	624.0100	Water	MGAL	1
40.06	625.0105	Topsoil	CY	1
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	25
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.02	628.7015	Inlet Protection Type C	EACH	10

STATION LOCATION: EAST WASHINGTON AVENUE AT FIRST STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	629.0210	Fertilizer Type B	CWT	0.02
40.06	630.0500	Seed Water	MGAL	1
40.07	650.7000	Construction Staking Concrete Pavement	LF	390
40.06	650.9000	Construction Staking Curb Ramps	EACH	3
20.01	652.0615	Conduit Special 3-Inch	LF	83
20.01	656.0200.324	Electrical Service Meter Breaker Pedestal (First)	LS	1
40.01	690.0250	Sawing Concrete	LF	530
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1
40.02	SPV.0060.623	Remove Irrigation System	EACH	1
40.06	SPV.0085.501	Seeding	LB	0
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	34
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	46
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	91
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	170
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	300
40.06	SPV.0090.401	Pedestrian Handrail	LF	86
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	103
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	370

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ9-E

REVISION	DATE	BY
1	10/26/2022	90631225P



BUMPOUT LOCATION: EAST WASHINGTON AT FOURTH STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	640
40.01	204.0150	Removing Curb & Gutter	LF	13
40.01	204.0155	Removing Concrete Sidewalk	SY	74
40.06	204.0195	Removing Concrete Bases	EACH	10
40.06	204.9090.S.03	Remove and Salvage Fence	LF	154
40.01	205.0100	Excavation Common	CY	53
40.01	208.0100	Borrow	CY	2
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	31
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	19
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
10.02	405.0100	Coloring Concrete WisDOT Red	CY	77
40.07	405.1000	Stamping Colored Concrete	CY	11
10.02	415.0100	Concrete Pavement 10-Inch	SY	180
10.02	415.4100	Concrete Pavement Joint Filling	SY	510
10.02	416.0610	Drilled Tie Bars	EACH	139
10.02	416.0620	Drilled Dowel Bars	EACH	64
40.07	601.0205	Concrete Gutter 24-Inch	LF	180
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	74
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	200
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40
40.02	611.8110	Adjusting Manhole Covers	EACH	1
40.07	620.0300	Concrete Median Sloped Nose	SF	22
20.01	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	0.40
40.07	624.0100	Water	MGAL	0.40
40.06	625.0105	Topsoil	CY	2
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	38
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.02	628.7015	Inlet Protection Type C	EACH	6

BUMPOUT LOCATION: EAST WASHINGTON AT FOURTH STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	629.0210	Fertilizer Type B	CWT	0.02
40.06	630.0500	Seed Water	MGAL	1
40.07	650.7000	Construction Staking Concrete Pavement	LF	350
20.01	652.0615	Conduit Special 3-Inch	LF	69
20.01	656.0200.325	Electrical Service Meter Breaker Pedestal (Fourth)	LS	1
40.01	690.0250	Sawing Concrete	LF	430
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.312	Snow Melt System Shelter Type B2	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.410	Reinforced Concrete Platform Type B2	EACH	1.00
20.01	SPV.0060.426	Platform Shelter Type B2	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1
40.02	SPV.0060.623	Remove Irrigation System	EACH	2
40.06	SPV.0085.501	Seeding	LB	1
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	23
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	46
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	153
40.06	SPV.0090.019	Reinstall Salvaged Fence	LF	79
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	258
40.06	SPV.0090.401	Pedestrian Handrail	LF	52
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	140
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	270

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ10-E

Mark	REVISION	DATE	BY
Designed By: STRAND			
60631225P		10/26/2022	
		Scale: NTS	

STATION LOCATION: EAST WASHINGTON AVENUE AT MILWAUKEE STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	14
40.01	201.0220	Grubbing	ID	14
40.01	204.0100	Removing Concrete Pavement	SY	4240
40.01	204.0150	Removing Curb & Gutter	LF	100
40.01	204.0155	Removing Concrete Sidewalk	SY	320
40.02	204.0220	Removing Inlets	EACH	4
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	18
40.02	204.0245.03	Removing Storm Sewer - 18 inch	LF	180
40.01	205.0100	Excavation Common	CY	180
40.07	209.0300.S	Backfill Course Aggregate Size No. 1	CY	3
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	11
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	44
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	85
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	120
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	32
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	270
10.02	405.0100	Coloring Concrete WisDOT Red	CY	88
40.07	405.1000	Stamping Colored Concrete	CY	18
10.02	415.0100	Concrete Pavement 10-Inch	SY	300
10.03	415.0100	Concrete Pavement 10-Inch	SY	210
40.07	415.0100	Concrete Pavement 10-Inch	SY	2590
10.02	415.0110	Concrete Pavement 11-Inch	SY	220
40.07	415.0110	Concrete Pavement 11-Inch	SY	210
10.02	415.4100	Concrete Pavement Joint Filling	SY	890
10.03	415.4100	Concrete Pavement Joint Filling	SY	250
40.07	415.4100	Concrete Pavement Joint Filling	SY	3070
40.07	416.0170	Concrete Driveway 7-Inch	SY	60
10.03	416.0610	Drilled Tie Bars	EACH	70
40.07	416.0610	Drilled Tie Bars	EACH	190
10.02	416.0620	Drilled Dowel Bars	EACH	24
10.03	416.0620	Drilled Dowel Bars	EACH	33
40.07	416.0620	Drilled Dowel Bars	EACH	128
40.02	520.8000	Concrete Collars for Pipe	EACH	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	430
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	760
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	120
40.07	601.0600	Concrete Curb Pedestrian	LF	18
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1410
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1720
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	200
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	160
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	180
40.02	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	180
40.02	611.0535	Manhole Covers Type J-Special	EACH	1
40.02	611.0624	Inlet Covers Type H	EACH	9
40.02	611.2004	Manholes 4-FT Diameter	EACH	1
40.02	611.3004	Inlets 4-FT Diameter	EACH	5
40.02	611.3230	Inlets 2x3-FT	EACH	4
40.02	611.8110	Adjusting Manhole Covers	EACH	3
40.02	611.8115	Adjusting Inlet Covers	EACH	2
40.02	612.0106	Pipe Underdrain 6-Inch	LF	110
40.07	620.0300	Concrete Median Sloped Nose	SF	110
20.01	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	2

STATION LOCATION: EAST WASHINGTON AVENUE AT MILWAUKEE STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	624.0100	Water	MGAL	2
40.06	625.0105	Topsoil	CY	16
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	280
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.06
40.02	628.7015	Inlet Protection Type C	EACH	14
40.06	629.0210	Fertilizer Type B	CWT	0.18
40.06	630.0500	Seed Water	MGAL	7
40.06	645.0112	Geotextile Type DF Schedule B	SY	63
40.07	650.7000	Construction Staking Concrete Pavement	LF	1120
40.06	650.9000	Construction Staking Curb Ramps	EACH	12
20.01	652.0615	Conduit Special 3-Inch	LF	133
20.01	656.0200.326	Electrical Service Meter Breaker Pedestal (Milwaukee St. EB)	LS	1
20.01	656.0200.327	Electrical Service Meter Breaker Pedestal (Milwaukee St. WB)	LS	1
40.01	690.0250	Sawing Concrete	LF	2460
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	930
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	2
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	2
20.01	SPV.0060.307	Snow Melt System Shelter Type A5	EACH	2
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	2
20.01	SPV.0060.405	Reinforced Concrete Platform Type A5	EACH	2
20.01	SPV.0060.421	Platform Shelter Type A5	EACH	2
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.14	Trees (New Horizon Elm, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	8
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	14
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	12
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	12
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	8
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	12
40.02	SPV.0060.603	Field Pour Storm Structure	EACH	3
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1
40.02	SPV.0060.613	Adjust Water Valve	EACH	4
40.02	SPV.0060.623	Remove Irrigation System	EACH	2
40.06	SPV.0085.501	Seeding	LB	5
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	120
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	210
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	170
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	20
40.07	SPV.0090.011	Docking Guide Strip	LF	159
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	668
40.06	SPV.0090.401	Pedestrian Handrail	LF	72
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	160
40.02	SPV.0090.607	PVC Pipe 4-inch	LF	6
40.02	SPV.0090.609	PVC Pipe 10-inch	LF	6
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	240

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ11-E

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 10/26/2022  
 Scale: NTS  
 REVISION Date: 10/26/2022  
 Mark Designed By: STRAND 60631225P

STATION LOCATION: EAST WASHINGTON AVENUE AT MARQUETTE STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	16
40.01	201.0220	Grubbing	ID	16
40.01	204.0100	Removing Concrete Pavement	SY	740
40.01	204.0150	Removing Curb & Gutter	LF	35
40.01	204.0155	Removing Concrete Sidewalk	SY	170
40.02	204.0220	Removing Inlets	EACH	4
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	18
40.02	204.0245.03	Removing Storm Sewer - 18 inch	LF	23
40.02	204.0245.04	Removing Storm Sewer - 24 inch	LF	6
40.06	204.9090.S.03	Remove and Salvage Fence	LF	180
40.01	205.0100	Excavation Common	CY	120
40.07	209.0300.S	Backfill Course Aggregate Size No. 1	CY	4
40.02	209.1500	Backfill Granular Grade 1	TON	20
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	31
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	30
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	96
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	150
40.07	405.1000	Stamping Colored Concrete	CY	22
10.03	415.0100	Concrete Pavement 10-Inch	SY	570
40.07	415.0100	Concrete Pavement 10-Inch	SY	83
10.03	415.4100	Concrete Pavement Joint Filling	SY	660
40.07	415.4100	Concrete Pavement Joint Filling	SY	113
10.03	416.0610	Drilled Tie Bars	EACH	138
40.07	416.0610	Drilled Tie Bars	EACH	27
10.03	416.0620	Drilled Dowel Bars	EACH	72
40.07	416.0620	Drilled Dowel Bars	EACH	23
40.02	520.8000	Concrete Collars for Pipe	EACH	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	170
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	100
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	72
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	90
40.07	601.0600	Concrete Curb Pedestrian	LF	12
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	190
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	500
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	80
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	160
40.02	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	6
40.02	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	29
40.02	611.0535	Manhole Covers Type J-Special	EACH	1
40.02	611.0624	Inlet Covers Type H	EACH	2
40.02	611.0627	Inlet Covers Type HM	EACH	2
40.02	611.2004	Manholes 4-FT Diameter	EACH	1
40.02	611.3004	Inlets 4-FT Diameter	EACH	1
40.02	611.3230	Inlets 2x3-FT	EACH	3
40.02	611.8110	Adjusting Manhole Covers	EACH	1
40.02	612.0106	Pipe Underdrain 6-Inch	LF	140
40.07	620.0300	Concrete Median Sloped Nose	SF	26

STATION LOCATION: EAST WASHINGTON AVENUE AT MARQUETTE STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	1
40.07	624.0100	Water	MGAL	2
40.06	625.0105	Topsoil	CY	2
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	32
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.02	628.7015	Inlet Protection Type C	EACH	10
40.06	629.0210	Fertilizer Type B	CWT	0.02
40.06	630.0500	Seed Water	MGAL	1
40.06	645.0112	Geotextile Type DF Schedule B	SY	80
40.07	650.7000	Construction Staking Concrete Pavement	LF	420
40.06	650.9000	Construction Staking Curb Ramps	EACH	4
20.01	652.0615	Conduit Special 3-Inch	LF	69
20.01	656.0200.328	Electrical Service Meter Breaker Pedestal (Marquette)	LS	1
40.01	690.0250	Sawing Concrete	LF	720
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.312	Snow Melt System Shelter Type B2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.410	Reinforced Concrete Platform Type B2	EACH	1
20.01	SPV.0060.426	Platform Shelter Type B2	EACH	1
40.06	SPV.0060.504.08	Trees (Swamp White Oak, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.613	Adjust Water Valve	EACH	1
40.06	SPV.0060.623	Remove Irrigation System	EACH	3
40.06	SPV.0085.501	Seeding	LB	1
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	98
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	60
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	149
40.06	SPV.0090.019	Reinstall Salvaged Fence	LF	120
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	344
40.06	SPV.0090.401	Pedestrian Handrail	LF	44
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	70
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	220

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ12-E

Mark: 90631225P  
 Designed By: STRAND  
 REVISION Date: 10/26/2022  
 Scale: NTS  
 BY: DATE  
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 LAST PLOT DATE: 10/26/2022  
 FILE NAME:



STATION LOCATION: EAST WASHINGTON AVENUE AT MELVIN COURT

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	860
40.01	204.0150	Removing Curb & Gutter	LF	130
40.01	204.0155	Removing Concrete Sidewalk	SY	82
40.01	204.0195	Removing Concrete Bases	EACH	1
40.02	204.0220	Removing Inlets	EACH	2
40.02	204.0245.04	Removing Storm Sewer - 24 inch	LF	30
40.01	205.0100	Excavation Common	CY	67
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	31
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	49
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	63
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	100
40.07	405.1000	Stamping Colored Concrete	CY	13
10.03	415.0100	Concrete Pavement 10-Inch	SY	630
10.03	415.4100	Concrete Pavement Joint Filling	SY	740
40.07	415.4100	Concrete Pavement Joint Filling	SY	21
10.03	416.0610	Drilled Tie Bars	EACH	200
10.03	416.0620	Drilled Dowel Bars	EACH	90
40.02	520.8000	Concrete Collars for Pipe	EACH	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	180
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	120
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60
40.07	601.0600	Concrete Curb Pedestrian	LF	12
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	400
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	690
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	90
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	120
40.02	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	30
40.02	611.0624	Inlet Covers Type H	EACH	1
40.02	611.0627	Inlet Covers Type HM	EACH	1
40.02	611.3004	Inlets 4-FT Diameter	EACH	1
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.8115	Adjusting Inlet Covers	EACH	1
40.07	620.0300	Concrete Median Sloped Nose	SF	27
20.01	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	1
40.07	624.0100	Water	MGAL	1
40.06	625.0105	Topsoil	CY	10
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	180

STATION LOCATION: EAST WASHINGTON AVENUE AT MELVIN COURT CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.04
40.02	628.7015	Inlet Protection Type C	EACH	10
40.06	629.0210	Fertilizer Type B	CWT	0.11
40.06	630.0500	Seed Water	MGAL	4
40.07	650.7000	Construction Staking Concrete Pavement	LF	510
40.06	650.9000	Construction Staking Curb Ramps	EACH	5
20.01	652.0615	Conduit Special 3-Inch	LF	53
20.01	656.0200.329	Electrical Service Meter Breaker Pedestal (Melvin)	LS	1
40.01	690.0250	Sawing Concrete	LF	700
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.312	Snow Melt System Shelter Type B2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.410	Reinforced Concrete Platform Type B2	EACH	1
20.01	SPV.0060.426	Platform Shelter Type B2	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.623	Remove Irrigation System	EACH	1
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	32
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	170
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	54
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	156
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	280
40.06	SPV.0090.401	Pedestrian Handrail	LF	58
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	79
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	300

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ13-E

Mark	REVISION	Date	Scale
Designed By: STRAND		10/26/2022	NTS
60631225P			

STATION LOCATION: EAST WASHINGTON AVENUE AT WRIGHT STREET AND FAIR OAKS AVENUE

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	29
40.01	201.0220	Grubbing	ID	29
40.01	204.0100	Removing Concrete Pavement	SY	1200
40.01	204.0150	Removing Curb & Gutter	LF	63
40.01	204.0155	Removing Concrete Sidewalk	SY	42
40.02	204.0220	Removing Inlets	EACH	1
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	16
40.01	205.0100	Excavation Common	CY	93
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	23
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	24
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	13
40.07	405.1000	Stamping Colored Concrete	CY	11
10.03	415.0100	Concrete Pavement 10-Inch	SY	560
40.07	415.0100	Concrete Pavement 10-Inch	SY	570
10.03	415.4100	Concrete Pavement Joint Filling	SY	660
40.07	415.4100	Concrete Pavement Joint Filling	SY	590
10.03	416.0610	Drilled Tie Bars	EACH	29
40.07	416.0610	Drilled Tie Bars	EACH	190
10.03	416.0620	Drilled Dowel Bars	EACH	40
40.07	416.0620	Drilled Dowel Bars	EACH	54
40.02	520.8000	Concrete Collars for Pipe	EACH	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	170
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	140
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60
40.07	601.0600	Concrete Curb Pedestrian	LF	10
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	120
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	380
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	60
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	16
40.02	611.0624	Inlet Covers Type H	EACH	1
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.07	620.0300	Concrete Median Sloped Nose	SF	22
20.01	624.0100	Water	MGAL	1

STATION LOCATION: EAST WASHINGTON AVENUE AT WRIGHT STREET AND FAIR OAKS AVENUE CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	624.0100	Water	MGAL	1
40.07	624.0100	Water	MGAL	1
40.06	625.0105	Topsoil	CY	9
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	160
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.03
40.02	628.7015	Inlet Protection Type C	EACH	4
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	4
40.07	650.7000	Construction Staking Concrete Pavement	LF	540
40.06	650.9000	Construction Staking Curb Ramps	EACH	3
20.01	652.0615	Conduit Special 3-Inch	LF	73
20.01	656.0200.330	Electrical Service Meter Breaker Pedestal (Fair Oaks)	LS	1
40.01	690.0250	Sawing Concrete	LF	730
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.311	Snow Melt System Shelter Type B1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.409	Reinforced Concrete Platform Type B1	EACH	1
20.01	SPV.0060.425	Platform Shelter Type B1	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.02	SPV.0060.613	Adjust Water Valve	EACH	2
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	110
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	40
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	150
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	270
40.06	SPV.0090.401	Pedestrian Handrail	LF	46
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	140
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	190

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ14-E

REVISION	DATE	BY
Mark	10/26/2022	60631225P



STATION LOCATION: WRIGHT STREET AT ANDERSON STREET WB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	6
40.01	201.0220	Grubbing	ID	6
40.01	204.0110	Removing Asphaltic Surface	SY	470
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	4
40.01	204.0120	Removing Asphaltic Surface Milling	SY	250
40.01	204.0150	Removing Curb & Gutter	LF	430
40.01	204.0155	Removing Concrete Sidewalk	SY	76
40.01	205.0100	Excavation Common	CY	260
40.01	208.0100	Borrow	CY	20
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	97
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	17
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	120
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	62
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	77
10.03	415.0100	Concrete Pavement 10-Inch	SY	140
10.03	415.4100	Concrete Pavement Joint Filling	SY	170
40.07	455.0605	Tack Coat	GAL	32
40.07	460.2000	Incentive Density HMA Pavement	DOL	40
40.07	460.6223	HMA Pavement 3 MT 58-28 S	TON	41
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	51
40.07	601.0205	Concrete Gutter 24-Inch	LF	85
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	23
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	49
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	730
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1230
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	30
10.03	624.0100	Water	MGAL	3
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	0.3
40.07	624.0100	Water	MGAL	4
40.06	625.0105	Topsoil	CY	10
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	180
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.04
40.02	628.7015	Inlet Protection Type C	EACH	7
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	4
40.07	650.5000	Construction Staking Base	LF	250

STATION LOCATION: WRIGHT STREET AT ANDERSON STREET WB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	650.7000	Construction Staking Concrete Pavement	LF	130
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	193
20.01	652.0615	Conduit Special 3-Inch	LF	69
40.01	690.0150	Sawing Asphalt	LF	540
40.01	690.0250	Sawing Concrete	LF	26
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.304	Snow Melt System Shelter Type A2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.402	Reinforced Concrete Platform Type A2	EACH	1
20.01	SPV.0060.418	Platform Shelter Type A2	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	70
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	258
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	630
40.06	SPV.0090.401	Pedestrian Handrail	LF	36
20.01	SPV.0105.305	Electrical Service CT Cabinet (Wright)	LS	1
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	130

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ15-E

REVISION	DATE	BY
Mark	10/26/2022	Scale: NTS
Designed By: STRAND		
60631225P		

STATION LOCATION: WRIGHT STREET AT ANDERSON STREET EB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	6
40.01	201.0220	Grubbing	ID	6
40.01	204.0110	Removing Asphaltic Surface	SY	450
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	9
40.01	204.0120	Removing Asphaltic Surface Milling	SY	300
40.01	204.0155	Removing Concrete Sidewalk	SY	12
40.02	204.0220	Removing Inlets	EACH	2
40.02	204.0245.02	Removing Storm Sewer - 15 inch	LF	15
40.02	204.0245.05	Removing Storm Sewer - 27 inch	LF	150
40.01	205.0100	Excavation Common	CY	200
40.01	208.0100	Borrow	CY	20
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	39
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	13
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	130
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	43
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	110
10.03	415.0100	Concrete Pavement 10-Inch	SY	120
10.03	415.4100	Concrete Pavement Joint Filling	SY	140
10.03	455.0605	Tack Coat	GAL	37
10.03	460.2000	Incentive Density HMA Pavement	DOL	48
10.03	460.6223	HMA Pavement 3 MT 58-28 S	TON	44
10.03	460.6224	HMA Pavement 4 MT 58-28 S	TON	60
40.02	520.8000	Concrete Collars for Pipe	EACH	3
40.07	601.0205	Concrete Gutter 24-Inch	LF	60
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	92
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	10
40.07	601.0600	Concrete Curb Pedestrian	LF	20
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	310
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	79
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	10
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	8
40.02	608.0327	Storm Sewer Pipe Reinforced Concrete Class III 27-Inch	LF	150
40.02	611.2005	Manholes 5-FT Diameter	EACH	1
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.8110	Adjusting Manhole Covers	EACH	2
40.02	611.8115	Adjusting Inlet Covers	EACH	1
40.02	611.9710	Salvaged Inlet Covers	EACH	2
10.03	624.0100	Water	MGAL	2

STATION LOCATION: WRIGHT STREET AT ANDERSON STREET EB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	0.3
40.07	624.0100	Water	MGAL	5
40.06	625.0105	Topsoil	CY	6
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	110
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.02
40.02	628.7015	Inlet Protection Type C	EACH	7
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	3
40.07	650.5000	Construction Staking Base	LF	180
40.07	650.7000	Construction Staking Concrete Pavement	LF	80
40.06	650.9000	Construction Staking Curb Ramps	EACH	1
40.01	690.0150	Sawing Asphalt	LF	420
40.01	690.0250	Sawing Concrete	LF	12
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	2
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	79
40.06	SPV.0090.401	Pedestrian Handrail	LF	44
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	88
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	150

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ16-E

REVISION	DATE	BY
Mark	10/26/2022	Scale: NTS
Designed By: STRAND		
60631225P		

MENDOTA STREET BUS/BIKE CONNECTOR ROADWAY WORK

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	30
40.01	204.0110	Removing Asphaltic Surface	SY	260
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	18
40.01	204.0120	Removing Asphaltic Surface Milling	SY	480
40.01	204.0150	Removing Curb & Gutter	LF	400
40.01	204.0155	Removing Concrete Sidewalk	SY	180
40.01	205.0100	Excavation Common	CY	240
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	33
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	45
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	130
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	37
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	120
10.02	405.0100	Coloring Concrete WisDOT Red	CY	18
10.02	415.4100	Concrete Pavement Joint Filling	SY	97
40.06	455.0605	Tack Coat	GAL	10
40.07	455.0605	Tack Coat	GAL	57
40.06	460.2000	Incentive Density HMA Pavement	DOL	20
40.07	460.2000	Incentive Density HMA Pavement	DOL	70
40.07	460.6223	HMA Pavement 3 MT 58-28 S	TON	64
40.06	460.6224	HMA Pavement 4 MT 58-28 S	TON	30
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	91
40.02	520.8000	Concrete Collars for Pipe	EACH	1
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	110
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	390
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	340
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	660
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	60
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	79
40.02	611.0624	Inlet Covers Type H	EACH	1
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.8110	Adjusting Manhole Covers	EACH	2
40.02	611.8115	Adjusting Inlet Covers	EACH	1
10.02	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	1
40.07	624.0100	Water	MGAL	5
40.06	625.0105	Topsoil	CY	16
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	290
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.1
40.02	628.7015	Inlet Protection Type C	EACH	9
40.06	629.0210	Fertilizer Type B	CWT	0.2
40.06	630.0500	Seed Water	MGAL	7
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	310
40.07	650.7000	Construction Staking Concrete Pavement	LF	65
40.06	650.9000	Construction Staking Curb Ramps	EACH	2
40.01	690.0150	Sawing Asphalt	LF	300
40.01	690.0250	Sawing Concrete	LF	50
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
40.06	SPV.0060.504.16	Trees (Flowering Crabapple, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.17	Trees (Prairie Fire Crabapple, B&B, 2-IN)	EACH	3
40.02	SPV.0060.618	Sanitary Sewer Tap	EACH	1
40.06	SPV.0085.501	Seeding	LB	5

Mark	REVISION	DATE	BY
Designed By: STRAND 60631225P	Date: 10/26/2022	Scale: NTS	

60631225P  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ17-E

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 LAST PLOT DATE: 10/26/2022  
 FILE NAME:

STATION LOCATION: EAST WASHINGTON AVENUE AT MENDOTA STREET WB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0100	Removing Concrete Pavement	SY	410
40.01	204.0110	Removing Asphaltic Surface	SY	81
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	7
40.01	204.0155	Removing Concrete Sidewalk	SY	120
40.01	204.0195	Removing Concrete Bases	EACH	1
40.02	204.0291.S	Abandoning Sewer	CY	1
40.01	205.0100	Excavation Common	CY	87
40.01	208.0100	Borrow	CY	11
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	3
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	19
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	69
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	8
10.03	415.0100	Concrete Pavement 10-Inch	SY	270
10.03	415.4100	Concrete Pavement Joint Filling	SY	320
40.07	416.0170	Concrete Driveway 7-Inch	SY	25
10.03	416.0610	Drilled Tie Bars	EACH	88
10.03	416.0620	Drilled Dowel Bars	EACH	46
40.07	455.0605	Tack Coat	GAL	6
40.02	460.2000	Incentive Density HMA Pavement	DOL	8
40.07	460.5224	HMA Pavement 4 LT 58-28 S	TON	10
40.07	601.0205	Concrete Gutter 24-Inch	LF	65
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	110
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	890
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1260
40.06	602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF	50
40.02	611.0535	Manhole Covers Type J-Special	EACH	1
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	1
40.06	625.0105	Topsoil	CY	7
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	130
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.03
40.02	628.7015	Inlet Protection Type C	EACH	2
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	3
40.07	650.7000	Construction Staking Concrete Pavement	LF	240

STATION LOCATION: EAST WASHINGTON AVENUE AT MENDOTA STREET WB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	652.0615	Conduit Special 3-Inch	LF	56
20.01	656.0200.333	Electrical Service Meter Breaker Pedestal (Mendota WB)	LS	1
40.01	690.0250	Sawing Concrete	LF	290
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.306	Snow Melt System Shelter Type A4	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.404	Reinforced Concrete Platform Type A4	EACH	1
20.01	SPV.0060.420	Platform Shelter Type A4	EACH	1
40.06	SPV.0060.505	Tree Trimming	EACH	2
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.609	Relocate Hydrant	EACH	1
40.02	SPV.0060.613	Adjust Water Valve	EACH	2
40.02	SPV.0060.617	Sanitary Sewer Internal Chimney Seal	EACH	1
40.02	SPV.0060.626	5' Dia. Sanitary Sewer Access Structure (SAS)	EACH	1
40.02	SPV.0060.628	Lateral Cleanout	EACH	1
40.02	SPV.0060.629	Remove Sanitary Sewer Access Structure	EACH	1
40.02	SPV.0060.630	Wastewater Control	EACH	1
40.06	SPV.0085.501	Seeding	LB	2
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	70
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	292
40.06	SPV.0090.401	Pedestrian Handrail	LF	24
40.02	SPV.0090.604	8-Inch Sanitary Sewer Pipe	LF	5
40.02	SPV.0090.611	6-Inch Sanitary Sewer Lateral	LF	36
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	91

REVISION	DATE	BY
Mark	10/26/2022	60631225P

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ18-E



STATION LOCATION: EAST WASHINGTON AVENUE AT MENDOTA STREET EB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	42
40.01	201.0220	Grubbing	ID	42
40.01	204.0100	Removing Concrete Pavement	SY	490
40.01	204.0110	Removing Asphaltic Surface	SY	9
40.01	204.0150	Removing Curb & Gutter	LF	30
40.01	204.0155	Removing Concrete Sidewalk	SY	140
40.01	204.0195	Removing Concrete Bases	EACH	1
40.01	204.9090.S.02	Removing Pedestrian Handrail	LF	95
40.01	205.0100	Excavation Common	CY	130
40.01	208.0100	Borrow	CY	48
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	79
10.03	415.0100	Concrete Pavement 10-Inch	SY	280
10.03	415.4100	Concrete Pavement Joint Filling	SY	340
40.07	416.0170	Concrete Driveway 7-Inch	SY	19
10.03	416.0610	Drilled Tie Bars	EACH	108
10.03	416.0620	Drilled Dowel Bars	EACH	41
10.03	455.0605	Tack Coat	GAL	0
40.06	460.2000	Incentive Density HMA Pavement	DOL	1
10.03	460.6223	HMA Pavement 3 MT 58-28 S	TON	1
10.03	460.6224	HMA Pavement 4 MT 58-28 S	TON	1
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	23
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	150
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1190
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1820
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	70
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	2
40.06	625.0105	Topsoil	CY	8
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	140
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.03
40.02	628.7015	Inlet Protection Type C	EACH	2
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	4
40.07	650.7000	Construction Staking Concrete Pavement	LF	300
40.06	650.9000	Construction Staking Curb Ramps	EACH	2
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	99

STATION LOCATION: EAST WASHINGTON AVENUE AT MENDOTA STREET EB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	656.0200.332	Electrical Service Meter Breaker Pedestal (Mendota EB)	LS	1
40.01	690.0250	Sawing Concrete	LF	350
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
40.06	SPV.0060.005	Coring Existing Sidewalk for New Railing	EACH	20
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.504.13	Trees (Princeton Elm, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	70
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	464
40.06	SPV.0090.401	Pedestrian Handrail	LF	120
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	95

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ19-E

REVISION	DATE	BY
Mark	10/26/2022	Scale: NTS
Designed By: STRAND		
60631225P		



STATION LOCATION: EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE WB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	22
40.01	201.0220	Grubbing	ID	22
40.01	204.0100	Removing Concrete Pavement	SY	130
40.01	204.0110	Removing Asphaltic Surface	SY	17
40.01	204.0150	Removing Curb & Gutter	LF	130
40.01	204.0155	Removing Concrete Sidewalk	SY	72
40.01	204.0195	Removing Concrete Bases	EACH	1
40.02	204.0220	Removing Inlets	EACH	2
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	45
40.01	205.0100	Excavation Common	CY	110
40.07	209.0300.S	Backfill Course Aggregate Size No. 1	CY	6
40.07	210.1100	Backfill Structure Type A	CY	79
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	48
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	12
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	140
10.03	405.0100	Coloring Concrete WisDOT Red	CY	43
10.03	415.0100	Concrete Pavement 10-Inch	SY	98
10.03	415.4100	Concrete Pavement Joint Filling	SY	320
10.03	416.0610	Drilled Tie Bars	EACH	87
10.03	416.0620	Drilled Dowel Bars	EACH	21
40.07	455.0605	Tack Coat	GAL	3
40.07	460.2000	Incentive Density HMA Pavement	DOL	6
40.07	460.5224	HMA Pavement 4 LT 58-28 S	TON	7
40.02	520.8000	Concrete Collars for Pipe	EACH	1
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	21
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	140
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	900
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	16
40.02	611.3230	Inlets 2x3-FT	EACH	2
40.02	611.9710	Salvaged Inlet Covers	EACH	2
40.02	612.0106	Pipe Underdrain 6-Inch	LF	210
10.03	624.0100	Water	MGAL	4
20.01	624.0100	Water	MGAL	0.2
40.06	624.0100	Water	MGAL	0.4
40.06	625.0105	Topsoil	CY	5
40.08	628.1905	Mobilizations Erosion Control	EACH	1

STATION LOCATION: EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE WB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	99
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.02
40.02	628.7015	Inlet Protection Type C	EACH	5
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	2
40.06	645.0112	Geotextile Type DF Schedule B	SY	120
40.07	650.7000	Construction Staking Concrete Pavement	LF	220
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	93
20.01	656.0200.335	Electrical Service Meter Breaker Pedestal (Portage)	LS	1
40.01	690.0150	Sawing Asphalt	LF	100
40.01	690.0250	Sawing Concrete	LF	260
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.504.04	Trees (Hackberry, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	2
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	78
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	440
40.05	SPV.0090.402	Railing Steel Special	LF	128
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	70
40.05	SPV.0165.402	Wall Modular Block Gravity Landscape (Portage)	SF	200

Mark	REVISION	DATE	BY
Designed By: STRAND	Date:	10/26/2022	Scale: NTS
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ20-E

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 LAST PLOT DATE: 10/26/2022  
 FILE NAME:

STATION LOCATION: EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE EB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	8
40.01	201.0220	Grubbing	ID	8
40.01	204.0100	Removing Concrete Pavement	SY	580
40.01	204.0150	Removing Curb & Gutter	LF	10
40.01	204.0155	Removing Concrete Sidewalk	SY	78
40.01	204.0195	Removing Concrete Bases	EACH	2
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	88
40.01	205.0100	Excavation Common	CY	110
40.01	208.0100	Borrow	CY	44
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	4
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	16
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	29
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	65
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	12
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	42
10.02	405.0100	Coloring Concrete WisDOT Red	CY	37
10.02	415.0100	Concrete Pavement 10-Inch	SY	260
10.02	415.4100	Concrete Pavement Joint Filling	SY	480
10.02	416.0610	Drilled Tie Bars	EACH	120
10.02	416.0620	Drilled Dowel Bars	EACH	33
40.02	520.8000	Concrete Collars for Pipe	EACH	4
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	10
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	150
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	790
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1480
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	50
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	13
40.02	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	74
40.02	611.0535	Manhole Covers Type J-Special	EACH	1
40.02	611.0624	Inlet Covers Type H	EACH	2
40.02	611.2005	Manholes 5-FT Diameter	EACH	3
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.9710	Salvaged Inlet Covers	EACH	1
20.01	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	1
40.06	625.0105	Topsoil	CY	12
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	220
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.04
40.02	628.7015	Inlet Protection Type C	EACH	2

STATION LOCATION: EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE EB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	5
40.07	650.7000	Construction Staking Concrete Pavement	LF	300
40.06	650.9000	Construction Staking Curb Ramps	EACH	2
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	20
20.01	656.0200.334	Electrical Service Meter Breaker Pedestal (Thierer EB)	LS	1
40.01	690.0250	Sawing Concrete	LF	360
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.02	SPV.0060.611	Inlet Cover R-1878-B7G	EACH	1
40.06	SPV.0085.501	Seeding	LB	4
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	87
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	148
40.06	SPV.0090.401	Pedestrian Handrail	LF	40
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	110
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	140

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ21-E

REVISION	DATE	BY
10/26/2022		
Scale: NTS		
Mark		
Designed By: STRAND		
60631225P		

STATION LOCATION: EAST WASHINGTON AVENUE AT INDEPENDENCE LANE WB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	13
40.01	201.0220	Grubbing	ID	13
40.01	204.0100	Removing Concrete Pavement	SY	770
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	100
40.07	204.0115	Removing Asphaltic Surface Butt Joints	SY	4
40.01	204.0120	Removing Asphaltic Surface Milling	SY	9
40.01	204.0150	Removing Curb & Gutter	LF	130
40.01	204.0155	Removing Concrete Sidewalk	SY	190
40.01	204.0195	Removing Concrete Bases	EACH	2
40.01	204.9090.S.01	Removing Retaining Wall and Railing	LF	160
40.01	205.0100	Excavation Common	CY	170
40.01	208.0100	Borrow	CY	79
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	130
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	13
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	37
10.02	405.0100	Coloring Concrete WisDOT Red	CY	35
40.07	405.1000	Stamping Colored Concrete	CY	2
10.02	415.0100	Concrete Pavement 10-Inch	SY	120
40.07	415.0100	Concrete Pavement 10-Inch	SY	230
10.02	415.4100	Concrete Pavement Joint Filling	SY	340
40.07	415.4100	Concrete Pavement Joint Filling	SY	300
10.02	416.0610	Drilled Tie Bars	EACH	139
10.02	416.0620	Drilled Dowel Bars	EACH	130
40.07	455.0605	Tack Coat	GAL	8
40.07	460.2000	Incentive Density HMA Pavement	DOL	10
40.07	460.5224	HMA Pavement 4 LT 58-28 S	TON	13
40.02	520.8000	Concrete Collars for Pipe	EACH	3
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	240
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	170
40.07	601.0600	Concrete Curb Pedestrian	LF	40
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1250
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	2290
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	100
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	5
40.02	611.0535	Manhole Covers Type J-Special	EACH	1
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.8110	Adjusting Manhole Covers	EACH	2
40.02	611.8115	Adjusting Inlet Covers	EACH	1
40.02	611.9710	Salvaged Inlet Covers	EACH	1
40.07	620.0300	Concrete Median Sloped Nose	SF	43
10.02	624.0100	Water	MGAL	1
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	3
40.06	625.0105	Topsoil	CY	20
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	370
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.1
40.02	628.7015	Inlet Protection Type C	EACH	11
40.06	629.0210	Fertilizer Type B	CWT	0.2
40.06	630.0500	Seed Water	MGAL	9
40.07	650.7000	Construction Staking Concrete Pavement	LF	370
40.06	650.9000	Construction Staking Curb Ramps	EACH	5

STATION LOCATION: EAST WASHINGTON AVENUE AT INDEPENDENCE LANE WB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	19
20.01	652.0615	Conduit Special 3-Inch	LF	176
40.01	690.0250	Sawing Concrete	LF	750
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
20.01	SPV.0060.201	Install Electrical Pull Box Type I	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.504.02	Trees (Autumn Blaze Freeman Maple, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.05	Trees (Kentucky Coffee Tree, B&B, 2-IN)	EACH	2
40.06	SPV.0060.504.06	Trees (Skyline Thornless Honey Locust, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.08	Trees (Swamp White Oak, B&B, 2-IN)	EACH	2
40.06	SPV.0060.504.09	Trees (Chinquapin Oak, B&B, 2-IN)	EACH	2
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	3
40.06	SPV.0060.504.13	Trees (Princeton Elm, B&B, 2-IN)	EACH	2
40.06	SPV.0060.504.15	Trees ('Autumn Brilliance' Apple Serviceberry, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.02	SPV.0060.606	Storm Sewer Tap	EACH	3
40.02	SPV.0060.611	Inlet Cover R-1878-B7G	EACH	1
40.02	SPV.0060.613	Adjust Water Valve	EACH	4
40.02	SPV.0060.621	Sewer Cleanout	EACH	1
40.07	SPV.0060.633	Adjust MMSD Special	EACH	1
40.06	SPV.0085.501	Seeding	LB	7
40.07	SPV.0090.004	Concrete Curb & Gutter Integral 24-Inch Special	LF	240
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	80
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	856
40.06	SPV.0090.401	Pedestrian Handrail	LF	26
40.05	SPV.0090.402	Railing Steel Special	LF	185
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	120
40.02	SPV.0090.612	PVC Pipe 12-inch	LF	23
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	100
40.05	SPV.0165.403	Wall Modular Block Gravity Landscape (Independence)	SF	430

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ22-E

Mark	DESIGNED BY: STRAND	DATE
REVISION	Date:	Scale: NTS
	10/26/2022	



STATION LOCATION: EAST WASHINGTON AVENUE AT INDPENDENCE LANE EB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	15
40.01	201.0220	Grubbing	ID	15
40.01	204.0100	Removing Concrete Pavement	SY	450
40.01	204.0150	Removing Curb & Gutter	LF	42
40.01	204.0155	Removing Concrete Sidewalk	SY	89
40.01	204.0195	Removing Concrete Bases	EACH	2
40.01	205.0100	Excavation Common	CY	120
40.01	208.0100	Borrow	CY	46
40.07	209.0300.S	Backfill Course Aggregate Size No. 1	CY	6
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	26
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	79
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	10
10.02	405.0100	Coloring Concrete WisDOT Red	CY	47
10.02	415.0100	Concrete Pavement 10-Inch	SY	100
10.02	415.4100	Concrete Pavement Joint Filling	SY	361
10.02	416.0610	Drilled Tie Bars	EACH	99
10.02	416.0620	Drilled Dowel Bars	EACH	43
40.02	520.8000	Concrete Collars for Pipe	EACH	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	29
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	140
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1290
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1410
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	62
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	8
40.02	611.3004	Inlets 4-FT Diameter	EACH	1
40.02	611.9710	Salvaged Inlet Covers	EACH	1
40.02	612.0106	Pipe Underdrain 6-Inch	LF	200
10.02	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	2
40.06	625.0105	Topsoil	CY	24
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	430
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.1
40.02	628.7015	Inlet Protection Type C	EACH	5
40.06	629.0210	Fertilizer Type B	CWT	0.3
40.06	630.0500	Seed Water	MGAL	10
40.06	645.0112	Geotextile Type DF Schedule B	SY	110
40.07	650.7000	Construction Staking Concrete Pavement	LF	250

STATION LOCATION: EAST WASHINGTON AVENUE AT INDPENDENCE LANE EB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	650.9000	Construction Staking Curb Ramps	EACH	2
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	63
20.01	652.0615	Conduit Special 3-Inch	LF	165
40.01	690.0250	Sawing Concrete	LF	370
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
20.01	SPV.0060.201	Install Electrical Pull Box Type I	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.02	SPV.0060.606	Storm Sewer Tap	EACH	2
40.02	SPV.0060.611	Inlet Cover R-1878-B7G	EACH	1
40.02	SPV.0060.613	Adjust Water Valve	EACH	1
40.06	SPV.0085.501	Seeding	LB	8
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	83
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	988
40.06	SPV.0090.401	Pedestrian Handrail	LF	32
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	122
20.01	SPV.0105.306	Electrical Service CT Cabinet (Independence)	LS	1
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	110

Mark	REVISION	DATE	BY
Designed By: STRAND	Date:	10/26/2022	Scale: NTS
60631225P			

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ23-E

STATION LOCATION: EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE WB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	9
40.01	201.0220	Grubbing	ID	9
40.01	204.0100	Removing Concrete Pavement	SY	980
40.01	204.0155	Removing Concrete Sidewalk	SY	200
40.01	204.0195	Removing Concrete Bases	EACH	2
40.01	205.0100	Excavation Common	CY	260
40.01	208.0100	Borrow	CY	170
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	140
10.02	405.0100	Coloring Concrete WisDOT Red	CY	100
10.02	415.0100	Concrete Pavement 10-Inch	SY	180
10.02	415.4100	Concrete Pavement Joint Filling	SY	550
10.02	416.0610	Drilled Tie Bars	EACH	200
10.02	416.0620	Drilled Dowel Bars	EACH	25
40.06	455.0605	Tack Coat	GAL	15
40.06	460.2000	Incentive Density HMA Pavement	DOL	40
40.06	460.5224	HMA Pavement 4 LT 58-28 S	TON	47
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	480
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	880
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1640
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	80
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	3
40.06	625.0105	Topsoil	CY	64
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	1150
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.2
40.02	628.7015	Inlet Protection Type C	EACH	2
40.06	629.0210	Fertilizer Type B	CWT	1
40.06	630.0500	Seed Water	MGAL	28
40.07	650.7000	Construction Staking Concrete Pavement	LF	510
40.06	650.9000	Construction Staking Curb Ramps	EACH	3
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	12
20.01	656.0200.339	Electrical Service Meter Breaker Pedestal (WB E Springs)	LS	1

STATION LOCATION: EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE WB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	656.0200.339	Electrical Service Meter Breaker Pedestal (WB E Springs)	LS	1
40.01	690.0250	Sawing Concrete	LF	550
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.504.03	Trees (State Street Miyabe Maple, B&B, 2-IN)	EACH	3
40.06	SPV.0060.504.08	Trees (Swamp White Oak, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	3
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	21
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	85
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	116
40.06	SPV.0090.401	Pedestrian Handrail	LF	36
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	130

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ24-E



STATION LOCATION: EAST WASHINGTON AVENUE AT EAST SPRINGS STREET EB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	6
40.01	201.0220	Grubbing	ID	6
40.01	204.0100	Removing Concrete Pavement	SY	680
40.01	204.0110	Removing Asphaltic Surface	SY	91
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	7
40.01	204.0155	Removing Concrete Sidewalk	SY	22
40.01	204.0195	Removing Concrete Bases	EACH	1
40.01	205.0100	Excavation Common	CY	190
40.01	208.0100	Borrow	CY	110
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	94
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	12
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	14
10.03	415.0100	Concrete Pavement 10-Inch	SY	350
10.03	415.4100	Concrete Pavement Joint Filling	SY	441
10.03	416.0610	Drilled Tie Bars	EACH	110
10.03	416.0620	Drilled Dowel Bars	EACH	59
40.07	455.0605	Tack Coat	GAL	7
40.07	460.2000	Incentive Density HMA Pavement	DOL	10
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	12
40.07	601.0205	Concrete Gutter 24-Inch	LF	85
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	78
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	154
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1480
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1920
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	100
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	2
40.06	625.0105	Topsoil	CY	33
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	600
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.1
40.02	628.7015	Inlet Protection Type C	EACH	1
40.06	629.0210	Fertilizer Type B	CWT	0.4
40.06	630.0500	Seed Water	MGAL	14
40.07	650.7000	Construction Staking Concrete Pavement	LF	520
40.06	650.9000	Construction Staking Curb Ramps	EACH	2
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	25
20.01	656.0200.338	Electrical Service Meter Breaker Pedestal (EB E Springs)	LS	1

STATION LOCATION: EAST WASHINGTON AVENUE AT EAST SPRINGS STREET EB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	690.0150	Sawing Asphalt	LF	75
40.01	690.0250	Sawing Concrete	LF	400
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.304	Snow Melt System Shelter Type A2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.402	Reinforced Concrete Platform Type A2	EACH	1
20.01	SPV.0060.418	Platform Shelter Type A2	EACH	1
40.06	SPV.0060.504.01	Trees (Early Glow Buckeye, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.04	Trees (Hackberry, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.07	Trees (Exclamation London Planetree, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.13	Trees (Princeton Elm, B&B, 2-IN)	EACH	2
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	11
40.01	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	70
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	168

REVISION	DATE	BY
Mark	10/26/2022	Scale: NTS
Designed By: STRAND		
60631225P		

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ25-E

HANSON ROAD

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0150	Removing Curb & Gutter	LF	89.00
40.01	204.0155	Removing Concrete Sidewalk	SY	24.00
40.01	205.0100	Excavation Common	CY	570.00
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	160.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	27.00
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	192.00
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	170.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	29.00
40.06	305.0130	Base Aggregate Dense 3-Inch	TON	140.00
10.03	415.0100	Concrete Pavement 10-Inch	SY	475.00
40.06	415.0100	Concrete Pavement 10-Inch	SY	374.00
40.06	415.4100	Concrete Pavement Joint Filling	SY	855.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	3370.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	520.00
10.03	624.0100	Water	MGAL	6.60
40.06	624.0100	Water	MGAL	7.70
40.06	625.0100	Topsoil	SY	490.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	490.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.10
40.06	629.0210	Fertilizer Type B	CWT	0.27
40.06	630.0500	Seed Water	MGAL	11.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	100.00
40.01	690.0150	Sawing Asphalt	LF	550.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	250.00
20.01	SPV.0060.410	Reinforced Concrete Platform Type B2	EACH	1.00
30.01	SPV.0060.415	Hanson Road Electrical Building	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	8.80
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	60.00
40.07	SPV.0090.011	Docking Guide Strip	LF	180.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
20.01	SPV.0105.302	Hanson Terminal Site Electrical	LS	1.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	90.00



60631225P

MQ-41

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	BY
Designed By: AECOM 60631225P	Date: 10/26/2022	Scale: NTS

SUN PRAIRIE PARK AND RIDE

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0105	Clearing	STA	1.00
40.01	201.0120	Clearing	ID	3.00
40.01	201.0205	Grubbing	STA	1.00
40.01	201.0220	Grubbing	ID	3.00
40.01	204.0155	Removing Concrete Sidewalk	SY	66.00
40.01	205.0100	Excavation Common	CY	56.00
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	14.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	48.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	53.00
40.07	415.0100	Concrete Pavement 10-Inch	SY	91.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	91.00
40.07	455.0605	Tack Coat	GAL	10.00
40.06	460.2000	Incentive Density HMA Pavement	DOL	10.00
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	10.00
40.06	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	40.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1110.00
40.06	624.0100	Water	MGAL	2.30
40.06	625.0100	Topsoil	SY	51.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	51.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.01
40.06	629.0210	Fertilizer Type B	CWT	0.03
40.06	630.0500	Seed Water	MGAL	1.20
40.07	650.7000	Construction Staking Concrete Pavement	LF	80.00
40.01	690.0150	Sawing Asphalt	LF	97.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	30.00
30.01	SPV.0060.449	Sun Prairie Restroom and Electrical Building	EACH	1.00
40.02	SPV.0060.610	4' Dia. Sanitary Sewer Access Structure (SAS)	EACH	1.00
40.02	SPV.0060.632	Furnish & Install 2-Inch Service Lateral	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	0.90
40.02	SPV.0090.603	4-Inch Sanitary Sewer Lateral	LF	141.00
40.02	SPV.0090.610	Select Fill for Sanitary Sewer	LF	141.00
20.01	SPV.0105.303	Sun Prairie PNR Site Electrical	LS	1.00
20.01	SPV.0105.308	Sun Prairie PNR Electrical Service	LS	1.00

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/26/2022	Scale: NTS
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P

MQ-42

Undistributed

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	204.0120	Removing Asphaltic Surface Milling	SY	270.00
40.01	205.0100	Excavation Common	CY	270.00
40.01	209.1500	Backfill Granular Grade 1	TON	538.00
40.07	450.4000	HMA Cold Weather Paving	TON	2451.00
40.01	455.0605	Tack Coat	GAL	37.00
40.01	460.2000	Incentive Density HMA Pavement	DOL	19.00
40.01	460.7424	HMA Pavement 4 HT 58-28 H	TON	30.00
40.08	603.8000	Concrete Barrier Temporary Precast Delivered	LF	6600.00
40.08	603.8125	Concrete Barrier Temporary Precast Installed	LF	6600.00
40.08	614.0905	Crash Cushions Temporary	EACH	32.00
40.08	619.1000	Mobilization	EACH	1.00
40.06	625.0100	Topsoil	SY	1190.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	720.00
40.06	628.2008	Erosion Mat Urban Class I Type B	SY	470.00
40.06	629.0205	Fertilizer Type A	CWT	1.00
40.06	632.9101	Landscape Planting Surveillance and Care Cycles	EACH	22.00
40.08	643.0300	Traffic Control Drums	DAY	342.00
40.08	643.0410	Traffic Control Barricades Type II	DAY	342.00
40.08	643.0420	Traffic Control Barricades Type III	DAY	342.00
40.08	643.0705	Traffic Control Warning Lights Type A	DAY	342.00
40.08	643.0715	Traffic Control Warning Lights Type C	DAY	342.00
40.08	643.0800	Traffic Control Arrow Boards	DAY	342.00
40.08	643.0900	Traffic Control Signs	DAY	342.00
40.08	643.1050	Traffic Control Signs PCMS	DAY	342.00
40.08	643.5000	Traffic Control	EACH	1.00
40.08	644.1410	Temporary Pedestrian Surface Asphalt	SF	4464.00
40.08	644.1420	Temporary Pedestrian Surface Plywood	SF	4464.00
40.08	644.1430	Temporary Pedestrian Surface Plate	SF	4464.00
40.08	644.1601	Temporary Pedestrian Curb Ramp	DAY	342.00
40.08	644.1810	Temporary Pedestrian Barricade	LF	9300.00
40.08	649.0105	Temporary Marking Line Paint 4-Inch	LF	338245.46
40.08	649.0505	Temporary Marking Arrow Paint	EACH	372.00
40.08	649.0605	Temporary Marking Word Paint	EACH	636.00
40.08	649.0805	Temporary Marking Stop Line Paint 18-Inch	LF	2899.20
40.08	650.9910	Construction Staking Supplemental Control (project)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	500.00
40.01	801.0117	Railroad Flagging Reimbursement	DOL	21200.00
40.03	SPV.0035.002	Excavation, Hauling, Segregation, and Disposal of Contaminated Soil	TON	70.00
40.06	SPV.0060.614	Connect Pipe Underdrain to Existing Structure	EACH	2.00
40.06	SPV.0085.501	Seeding	LB	13.00
40.06	SPV.0085.502	Stormwater Management Seeding	LB	2.10
40.07	SPV.0090.008	Cold Weather Protection of Concrete Curb & Gutter (Polyethylene)	LF	4564.00
40.08	SPV.0105.002	Field Office Special	LS	1.00
40.06	SPV.0165.003	Cold Weather Protection of Concrete Sidewalk & Drive (Polyethylene)	SF	22564.00
20.01	SPV.0180.001	Cold Weather Protection of Concrete Pavement (Polyethylene)	SY	240.00
40.07	SPV.0180.001	Cold Weather Protection of Concrete Pavement (Polyethylene)	SY	3824.00

REVISION	DATE
60631225P	10/26/2022
Mark	Designed By: AECCM
	60631225P
	Scale: NTS
	BY

60631225P  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P  
 MQ-43

Fiber For New Traffic Signals

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
50.05	671.0212	Conduit HDPE Directional Bore 1-Duct 2-Inch	LF	1170.00
50.05	678.0300	Fiber Optic Splice	EACH	60.00
50.02	SPV.0060.203	Install Electrical Pull Box Type V	EACH	52.00
50.05	SPV.0060.203	Install Electrical Pull Box Type V	EACH	7.00
50.02	SPV.0090.201	Loop Detector Lead-In Cable Special	LF	19929.00
50.02	SPV.0105.291	Install Electrical Service Meter Breaker Pedestal (Junction)	LS	1.00
50.02	SPV.0105.299	Install Electrical Service Meter Breaker Pedestal (Sheboygan)	LS	1.00



60631225P  
MQ-44

MISCELLANEOUS QUANTITIES  
BUS RAPID TRANSIT  
CITY OF MADISON

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P	Date: 10/26/2022	Scale: NTS	



EARTHWORK SUMMARY														
DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1)		SALVAGED/UNUSABLE PAVEMENT MATERIAL (2)	AVAILABLE MATERIAL (5)	208.1100 SELECT BORROW (EXPANDED EBS BACKFILL (11))		UNEXPANDED FILL	EXPANDED FILL (13)		MASS ORDINATE +/- (14)	WASTE	
			CUT (2)	EBS EXCAVATION (3)			REDUCED EBS FILL (9)	IN (10)		FACTOR 0.80	FACTOR 1.30			FACTOR 1.25
		Junction Road	6,347	--	--	6,347	508	--	2,569	2,577	3,770	--		
				--	--	0		--		0	0	--		
				--	--	0		--		0	0	--		
				--	--	0		--		0	0	--		
				--	--	0		--		0	0	--		
				--	--	0		--		0	0	--		
TOTAL			6,347	635	0	6,347	508	825	2,569	2,577	3,770	3,770		
TOTAL COMMON EXC			6,982											

NOTES:  
 (1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100  
 (2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.  
 (3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNERS CHOICE, CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL.  
 (5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL  
 (11) EXPANDED EBS BACKFILL - THIS IS TO BE FILLED WITH SELECT BORROW MATERIAL. EBS BACKFILL FACTOR = 1.30. ITEM NUMBER 208.1100  
 (13) EXPANDED FILL FACTOR = 1.25  
 (14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION  
 (15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

Mark	REVISION	Date	BY
		10/26/2022	
Designed By: AECOM		Scale: NTS	
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-45

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 LAST PLOT DATE: 10/26/2022  
 FILE NAME:

CONDUIT						
LOC.	TO	LOC.	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch LF	652.0325 Conduit Rigid Nonmetallic Schedule 80 2-Inch LF	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch LF	652.0615 Conduit Special 3- Inch LF
CB1		PB1				117
PB1		SB1	8			
PB1		SB2		33		
PB1		SB3		37		
PB1		SB4	15			
PB1		PB2			96	
PB2		SB5	20			
PB2		PB3	201			
PB2		PB4				132
PB4		SB6	22			
PB4		PB5				120
PB5		SB7	23			
PB5		PB6	55			
PB5		PB7				188
PB7		SB8		44		
PB7		SB9	7			
PB7		PB8			68	
PB8		SB10	6			
PB8		PB9	10			
PB8		PB10	207			
PB8		PB11				144
PB11		SB11	6			
PB11		PB12				114
PB12		SB12	8			
PB12		PB13			78	
PB13		SB13	5			
PB13		SB14	19			
PB13		SB15	28			
PB13		PB14			170	
PB14		SB16	22			
PB13		CB1			30	
<b>TOTAL</b>			<b>662</b>	<b>114</b>	<b>442</b>	<b>815</b>

PULL BOXES		
PULL BOX NO.	Install Electrical Pull Box Type III EACH	Install Electrical Pull Box Type V EACH
PB1		1
PB2		1
PB3	1	
PB4		1
PB5		1
PB6	1	
PB7		1
PB8		1
PB9	1	
PB10	1	
PB11		1
PB12		1
PB13		1
PB14	1	
<b>TOTAL</b>	<b>5</b>	<b>9</b>

CONCRETE BASES				
SIGNAL BASE NO.	Concrete Bases Type G EACH	Concrete Bases Type LB-3 EACH	Concrete Bases Type LB-8 EACH	Concrete Bases Type P EACH
CB1				1
SB1			1	
SB2		1		
SB3	1			
SB4	1			
SB5	1			
SB6			1	
SB7			1	
SB8	1			
SB9			1	
SB10	1			
SB11			1	
SB12			1	
SB13	1			
SB14	1			
SB15			1	
SB16	1			
<b>TOTAL</b>	<b>8</b>	<b>1</b>	<b>7</b>	<b>1</b>

Mark	REVISION	DATE	BY
Designed By: TSI	Date: 9/22/2022	Scale: NTS	

MISCELLANEOUS QUANTITIES: JUNCTION RD AT PARK AND RIDE RD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-1S

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

		655.0230	655.0240	655.0260	655.0270	655.0280	655.0325	655.0515	SPV.0090.202	
LOC.	TO	LOC.	Cable Traffic Signal 5-14 AWG LF	Cable Traffic Signal 7-14 AWG LF	Cable Traffic Signal 12-14 AWG LF	Cable Traffic Signal 15-14 AWG LF	Cable Traffic Signal 19-14 AWG LF	Cable Type UF 2-8 AWG Grounded LF	Electrical Wire Traffic Signals 10 AWG LF	Electrical Wire Lighting 14-3 UF Grounded LF
CB1		SB1			74				74	
CB1		SB2		99						
CB1		SB3			104					
CB1		SB4		81						
CB1		SB5			150					
CB1		SB6				234	234			
CB1		SB7			311					
CB1		SB8			441					
CB1		SB9			310					
CB1		SB10			260					
CB1		SB11				171	171			
CB1		SB12			101					
CB1		SB13			43					
CB1		SB14		57						
CB1		SB15			66					
CB1		SB16			161					
SB1		SB2						65		
SB2		SB3						95		
SB3		SB4						78		
SB4		SB5						123		
SB5		SB6						148		
SB6		SB7						147		
SB7		SB8						203		
SB8		SB9						76		
SB9		SB10						88		
SB10		SB11						125		
SB11		SB12						113		
SB9		SB13						92		
SB13		SB14						48		
SB14		SB15						71		
SB15		SB16						176		
SB16		CB1						158		
SB2		SB6								
SB6		SB11					375			
SB1		HEAD 22		41						
SB1		HEAD 6C		15						
SB2		HEAD 6A		15						
SB3		HEAD 17		19						

CONTINUED

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

		655.0230	655.0240	655.0260	655.0270	655.0280	655.0325	655.0515	SPV.0090.202	
LOC.	TO	LOC.	Cable Traffic Signal 5-14 AWG LF	Cable Traffic Signal 7-14 AWG LF	Cable Traffic Signal 12-14 AWG LF	Cable Traffic Signal 15-14 AWG LF	Cable Traffic Signal 19-14 AWG LF	Cable Type UF 2-8 AWG Grounded LF	Electrical Wire Traffic Signals 10 AWG LF	Electrical Wire Lighting 14-3 UF Grounded LF
SB3		HEAD 4F		15						
SB4		HEAD 4E		15						
SB5		HEAD 6		19						
SB5		HEAD 4D		15						
SB6		HEAD 2		41						
SB6		HEAD 5		19						
SB6		HEAD 10		19						
SB6		HEAD 4B		15						
SB6		HEAD 4C		15						
SB6		LUMINAIRE								252
SB7		HEAD 3		45						
SB7		HEAD 4A		15						
SB8		HEAD 15		19						
SB8		HEAD 20		19						
SB8		HEAD 2B		15						
SB9		HEAD 16		38						
SB9		HEAD 2A		15						
SB10		HEAD 1		19						
SB10		HEAD 8D		15						
SB11		HEAD 4		19						
SB11		HEAD 7		41						
SB11		HEAD 11		19						
SB11		HEAD 8B		15						
SB11		HEAD 8C		15						
SB11		LUMINAIRE								252
SB12		HEAD 8		52						
SB12		HEAD 9		40						
SB12		HEAD 8A		15						
SB13		HEAD 21		19						
SB13		HEAD 6B		15						
SB14		HEAD 18		19						
SB 15		HEAD 13		41						
SB 15		HEAD 14		19						
SB 15		HEAD 19		19						
SB16		HEAD 12		19						
SB 16		HEAD 6D		15						
TOTAL			845	237	1854	167	405	780	1880	504

Mark	DESIGNED BY	TSI	90631225P
REVISION	DATE	10/26/2022	
DATE	Scale	N/T/S	

MISCELLANEOUS QUANTITIES: JUNCTION RD AT PARK AND RIDE RD 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-2S

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 LAST PLOT DATE: -10/26/2022  
 FILE NAME:

TRAFFIC DETECTOR LOOPS

652.0900 655.0800 SPV.0090.201

LOOP NO.	HOEM RUN PB	FT	SIZE		NO. OF TURNS	Loop Detector	Loop Wire	Loop Detector
			X	FT		Slots LF	Wire LF	Lead-In Cable Special LF
11	PB4	6	X	10	5	42	222	89
12	PB4	6	X	10	5	42	222	89
21	PB10	6	X	10	5	56	292	449
22	PB10	6	X	10	5	45	237	449
23	PB9	6	X	10	5	55	287	252
24	PB9	6	X	10	5	45	237	252
31	PB1	6	X	10	4	69	288	44
32	PB1	6	X	10	4	54	228	44
33	PB1	6	X	10	4	78	324	44
34	PB1	6	X	10	4	64	268	44
41	PB6	6	X	10	4	42	180	203
42	PB6	6	X	10	4	41	176	203
51	PB9	6	X	10	5	67	347	252
52	PB9	6	X	10	5	66	342	252
61	PB3	6	X	10	5	66	342	224
62	PB3	6	X	10	5	55	287	224
63	PB3	6	X	10	5	45	237	224
64	PB4	6	X	10	5	57	297	89
65	PB2	6	X	10	5	60	312	23
66	PB2	6	X	10	5	48	252	23
81	PB14	6	X	10	4	40	172	171
82	PB14	6	X	10	4	43	184	171
<b>TOTAL</b>						<b>1180</b>	<b>5733</b>	<b>3815</b>

TRAFFIC SIGNAL FACES

SPV.0060.220 658.1133 SPV.0060.224 SPV.0060.225

SIGNAL HEAD NO.	SIGNAL BASE NO.	Install Traffic Signal Heads 12-Inch 3-Section EACH	Programmable Traffic Signal Face 3S 12-Inch EACH	Install Traffic Signal Heads	
				16-Inch Pedestrian With Countdown EACH	Install Backplates Signal Face 3-Section 12-Inch EACH
1	SB10	1			1
2	SB6	1			1
3	SB7	1			1
4	SB11	1			1
5	SB6	1			1
6	SB5	1			1
7	SB11	1			1
8	SB12	1			1
9	SB12	1			1
10	SB6	1			1
11	SB11	1			1
12	SB16	1			1
13	SB15	1			1
14	SB15	1			1
15	SB8		1		1
16	SB9		1		1
17	SB3	1			1
18	SB14	1			1
19	SB15	1			1
20	SB8	1			1
21	SB13	1			1
22	SB1	1			1
2A	SB9			1	
2B	SB9			1	
4A	SB7			1	
4B	SB6			1	
4C	SB6			1	
4D	SB5			1	
4E	SB4			1	
4F	SB3			1	
6A	SB1			1	
6B	SB13			1	
6C	SB2			1	
6D	SB16			1	
8A	SB12			1	
8B	SB11			1	
8C	SB11			1	
8D	SB10			1	
<b>TOTAL</b>		<b>20</b>	<b>2</b>	<b>16</b>	<b>22</b>

Mark	DESIGNED BY: TSI	DATE
REVISION	DATE	SCALE
	10/17/2022	N/T/S

MISCELLANEOUS QUANTITIES: JUNCTION RD AT PARK AND RIDE RD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ-3S

TRAFFIC SIGNAL EQUIPMENT

SIGNAL BASE NO.	SPV.0060.273 Install Pedestal Bases EACH	SPV.0060.274 Install Transformer Bases Breakaway 11 1/2-Inch Bolt Circle EACH	SPV.0060.280 Install Traffic Signal Standards Aluminum 10-FT EACH	SPV.0060.277 Install Traffic Signal Standards Aluminum 13-FT EACH	SPV.0060.209 Install Pole 20-Foot 7 Gauge EACH	SPV.0060.211 Install Pole 30-Foot 7 Gauge Twin Mount EACH	SPV.0060.213 Install Pole 30-Foot 11 Gauge Twin Mount EACH	SPV.0060.216 Install Traffic Signal Trombone Arm 15-Foot EACH	SPV.0060.217 Install Traffic Signal Trombone Arm 20-Foot EACH	SPV.0060.219 Install Traffic Signal Trombone Arm 25-Foot EACH	SPV.0060.279 Install Pedestrian Push Buttons EACH	SPV.0060.241 Install LED Luminaire and Mounting Bracket Type D EACH	SPV.0060.267 Install EVP Detector EACH
SB1		1			1			1			1		
SB2		1					1				1	2	
SB3	1			1							1		
SB4	1		1								1		
SB5	1			1							1		
SB6		1				1		1			2	2	
SB7		1			1				1		1		1
SB8	1			1							1		
SB9		1			1			1			1		
SB10	1			1							1		
SB11		1				1		1			1	2	
SB12		1			1					1	1		1
SB13	1			1							1		
SB14	1			1									
SB15		1			1			1					
SB16	1			1							1		
<b>TOTAL</b>	<b>8</b>	<b>8</b>	<b>1</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>15</b>	<b>6</b>	<b>2</b>

TRAFFIC SIGNAL CABINET

LOCATION	SPV.0060.229 Install NEMA TS2 Type 1 Traffic Controller Cabinet EACH	SPV.0060.231 Optical Signal Preempt System EACH
JUNCTION RD AT PARK AND RIDE RD	1	1

SIGNAL MOUNTING HARDWARE

LOCATION	SPV.0105.261 Install Signal Mounting Hardware (Junction) L.S.
JUNCTION RD AT PARK AND RIDE RD	1

ELECTRICAL SERVICE

CABINET NO.	LOCATION	SPV.0105.291 Install Electrical Service Meter Breaker Pedestal (Junction) L.S.
CB1	JUNCTION RD AT PARK AND RIDE RD	1

INSTALL PTZ CAMERA

LOCATION	SPV.0060.272 Install PTZ Camera EACH
SB2	1
<b>TOTAL</b>	<b>1</b>

Mark	REVISION	DATE	BY
Designed By: TSI	Date: 10/12/2022	Scale: NTS	

MISCELLANEOUS QUANTITIES: JUNCTION RD AT PARK AND RIDE RD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
MQ-4S



REMOVING TRAFFIC SIGNALS

** LOCATION	SPV.0105.212 REMOVING TRAFFIC SIGNALS L.S.
Mineral Point Road & High Point Road	1
<b>TOTAL</b>	<b>1</b>

REMOVING CONCRETE BASES

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB1	EXISTING	1
EXSB2	EXISTING	1
EXSB3	EXISTING	1
EXSB4	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
EXSB7	EXISTING	1
EXSB8	EXISTING	1
EXSB9	EXISTING	1
EXSB10	EXISTING	1
EXCB1	EXISTING	1
<b>TOTAL</b>	<b>TOTAL</b>	<b>11</b>

CONDUIT

LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0335 CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
CB1		PB1		30		
CB1		PB2				153
PB1		SB1	17			
PB1		PB3				126
PB3		SB2	14			
PB3		PB4		70		
PB4		SB3	5			
PB4		PB5				114
PB5		SB4	6			
PB5		PB6	251			
PB5		PB7				92
PB7		SB5	7			
PB7		PB8		92		
PB8		SB6	10			
PB8		PB9				120
PB9		SB7	9			
PB9		PB10				27
PB9		PB12		40		
PB12		SB8	23			
PB12		PB13	29			
PB12		PB15			144	
PB13		PB14	254			
PB15		SB9	5			
PB15		PB16				104
PB16		SB10	16			
PB16		PB1		33		
<b>TOTAL</b>			<b>646</b>	<b>265</b>	<b>144</b>	<b>736</b>

TEMPORARY TRAFFIC SIGNALS

** LOCATION	SPV.0105.201 TEMPORARY TRAFFIC SIGNAL L.S.
Mineral Point Road & High Point Road	1
<b>TOTAL</b>	<b>1</b>

REMOVING PULL BOXES

PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
EXPB3	EXISTING	1
EXPB4	EXISTING	1
EXPB5	EXISTING	1
EXPB6	EXISTING	1
EXPB7	EXISTING	1
EXPB8	EXISTING	1
EXPB9	EXISTING	1
<b>TOTAL</b>		<b>9</b>

Mark	REVISION	Date	Scale
60631225P		9/30/2022	N/T/S

MISCELLANEOUS QUANTITIES: MINERAL POINT AND HIGH POINT ROAD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-5S

C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 9/30/2022  
 FILE NAME:

**PULL BOXES**

PULL BOX NO.	LOCATION	SPV.0060.202	SPV.0060.203
		INSTALL ELECTRICAL PULL BOX TYPE III EACH	INSTALL ELECTRICAL PULL BOX TYPE V EACH
PB1	79+12, 83' RT		1
PB2	78+96, 245' RT	1	
PB3	78+51, 81' RT		1
PB4	78+30, 53' RT		1
PB5	78+29, 2' LT		1
PB6	75+81, 11' RT	1	
PB7	78+28, 48' LT		1
PB8	78+60, 82' LT		1
PB9	79+20, 79' LT		1
PB12	79+34, 66' LT		1
PB13	79+55, 48' LT	1	
PB14	82+7, 47' LT	1	
PB15	79+29, 5' RT		1
PB16	79+29, 56' RT		1
<b>TOTAL</b>		<b>4</b>	<b>10</b>

**CONCRETE BASES**

SIGNAL BASE NO.	LOCATION	SPV.0060.204	SPV.0060.205	SPV.0060.206	SPV.0060.207
		CONCRETE BASES TYPE G EACH	CONCRETE BASES TYPE LB-3 EACH	CONCRETE BASES TYPE LB-8 EACH	CONCRETE BASE TYPE P EACH
CB1	79+9, 93' RT				1
SB1	79+18, 68' RT		1		
SB2	78+46, 68' RT	1			
SB3	78+32, 56' RT	1			
SB4	78+65, 2' LT			1	
SB5	78+34, 48' LT			1	
SB6	78+59, 72' LT		1		
SB7	79+21, 71' LT	1			
SB8	79+46, 48' LT		1		
SB9	79+32, 8' RT			1	
SB10	79+45, 54' RT			1	
<b>TOTAL</b>		<b>3</b>	<b>3</b>	<b>4</b>	<b>1</b>

**TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE**

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG	655.0280 CABLE TRAFFIC SIGNAL 19-14 AWG	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED
			L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
CB1	SB1				54			54	54	
CB1	SB2				129					
CB1	SB3				169					
CB1	SB4						240			
CB1	SB5			301						
CB1	SB6			358						
CB1	SB7			281						
CB1	SB8				261					
CB1	SB9			106				106		
CB1	SB10			54					54	
SB1	SB2								131	
SB2	SB3								94	
SB3	SB4								106	
SB4	SB5							96	96	
SB5	SB6								103	
SB6	SB7								118	
SB7	SB8								89	
SB8	SB9							139	139	
SB9	SB10								110	
SB1	SB4							243		
SB8	SB6							165		
SB1	HEAD 12		59							
SB1	HEAD 16		19							
SB1	HEAD 2B		15							
SB1	LUMINAIRE									126
SB2	HEAD 17		19							
SB2	HEAD 2A		15							
SB3	HEAD 1		19							
SB3	HEAD 4D		15							
SB4	HEAD 4		19							
SB4	HEAD 10		19							
SB4	HEAD 11		41							
SB4	HEAD 18		19							
SB4	LUMINAIRE									252
SB4	HEAD 4B		15							
SB4	HEAD 4C		15							
SB5	HEAD 8		48							
SB5	HEAD 9		40							
SB5	HEAD 4A		15							
SB5	HEAD 9B		15							
SB5	LUMINAIRE									114
SB6	HEAD 13		19							
SB6	HEAD 15		19							
SB6	LUMINAIRE									126
SB7	HEAD 14		19							
SB8	HEAD 5		19							
SB8	HEAD 7		19							
SB8	HEAD 8D		15							
SB8	HEAD 9A		15							
SB8	LUMINAIRE									114
SB9	HEAD 6		19							
SB9	HEAD 8C		15							
SB9	HEAD 8B		15							
SB9	LUMINAIRE									252
SB10	HEAD 2		48							
SB10	HEAD 3		37							
SB10	HEAD 8A		15							
<b>TOTAL</b>			<b>681</b>	<b>281</b>	<b>1171</b>	<b>261</b>	<b>240</b>	<b>803</b>	<b>1094</b>	<b>984</b>

Mark	90631225P
Designed By: AECOM	
REVISION	Date: 10/26/2022
DATE	Scale: NTS
BY	

MISCELLANEOUS QUANTITIES: MINERAL POINT AND HIGH POINT ROAD  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-6S

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE		NO. OF TURNS	652.0900	SPV.0090.201	655.0800
			(FT)	X (FT)		LOOP DETECTOR SLOTS L.F.	LOOP DETECTOR LEAD-IN CABLE SPECIAL L.F.	LOOP DETECTOR WIRE L.F.
11	PB15	79+55, 15' LT	6	X 10	3	70	140	184
21	PB6	75+81, 21' RT	6	X 10	5	39	419	186
22	PB6	75+81, 33' RT	6	X 10	5	61	419	230
23	PB6	75+82, 44' RT	6	X 10	5	62	419	232
24	PB5	78+25, 21' RT	6	X 10	3	53	168	150
25	PB4	78+25, 32' RT	6	X 10	3	52	114	148
26	PB4	78+25, 43' RT	6	X 10	3	41	114	126
27	PB5	78+56, 21' RT	6	X 6	3	52	140	140
41	PB11	EXISTING	15	X 6	3	-	-	-
42	PB8	78+84, 91' LT	6	X 10	4	57	251	190
43	PB8	78+84, 79' LT	6	X 10	4	54	251	184
44	PB8	78+73, 91' LT	6	X 10	4	46	251	168
45	PB8	78+73, 80' LT	6	X 10	4	44	251	164
51	PB5	105+88, 15' RT	6	X 10	3	69	140	108
61	PB14	81+97, 14' LT	6	X 10	5	60	455	172
62	PB14	81+97, 27' LT	6	X 10	5	49	455	228
63	PB14	81+97, 38' LT	6	X 10	5	38	455	206
64	PB15	79+55, 4' LT	6	X 10	3	-	102	120
65	PB13	79+55, 26' LT	6	X 10	5	52	201	226
66	PB13	79+55, 37' LT	6	X 10	5	41	201	212
67	PB15	79+14, 4' LT	6	X 6	3	-	102	102
81	PB2	78+68, 242' RT	6	X 10	3	57	162	108
82	PB2	78+80, 243' RT	6	X 10	3	45	162	158
83	PB1	78+86, 94' RT	6	X 10	3	59	19	134
84	PB1	78+87, 78' RT	6	X 10	3	56	19	162
85	PB1	78+97, 95' RT	6	X 10	3	48	19	156
86	PB1	78+98, 79' RT	6	X 10	3	44	19	140
TOTAL						1249	5448	4334

INSTALL PTZ CAMERA

** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH
SB4	1
TOTAL	1

Mark	REVISION	Date	Scale
Designed By: AECOM		9/30/2022	
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES: MINERAL POINT AND HIGH POINT ROAD  
 BUS RAPID TRANSIT  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-7S

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.210 INSTALL POLES 30-FOOT 7 GAUGE SINGLE MOUNT EACH	SPV.0060.211 INSTALL POLES 30-FOOT 7 GAUGE TWIN MOUNT EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.265 INSTALL TRAFFIC SIGNAL TROMBONE ARM 12-FOOT EACH	SPV.0060.218 INSTALL TRAFFIC SIGNAL TROMBONE ARM 22-FOOT EACH	SPV.0060.219 INSTALL TRAFFIC SIGNAL TROMBONE ARM 25-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH	SPV.0060.232 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE I EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH
SB1		1				1					1				1	
SB2	1						1				1					
SB3	1						1				1					
SB4		1			1			1			1					
SB5		1		1						1	1			1		2
SB6		1				1					1				1	
SB7	1						1				1					
SB8		1					1						1	1		
SB9		1			1								2			2
SB10		1		1				1					1			
CB1												1				
TOTAL	3	7	1	1	2	3	3	1	1	1	7	1	4	2	2	4

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.223 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
1	SB3	1			1
2	SB10	1			1
3	SB10	1			1
4	SB4	1			1
5	SB8	1			1
6	SB9	1			1
7	SB8	1			1
8	SB5	1			1
9	SB5	1			1
10	SB4	1			1
11	SB4	1			1
12	SB1	1			1
13	SB6	1			1
14	SB7	1			1
15	SB6	1			1
16	SB1	1			1
17	SB2	1			1
18	SB4			1	1
2A	SB2		1		
2B	SB1		1		
4A	SB5		1		
4B	SB4		1		
4C	SB4		1		
4D	SB3		1		
9A	SB8		1		
9B	SB5		1		
8A	SB10		1		
8B	SB9		1		
8C	SB9		1		
8D	SB8		1		
TOTAL		17	12	1	18

TRAFFIC SIGNAL CABINET

** LOCATION	SPV.0060.229 INSTALL NEMA TS2 TYPE 1 TRAFFIC CONTROLLER CABINET EACH	SPV.0060.231 OPTICAL SIGNAL PREEMPT SYSTEM EACH
Mineral Point Road & High Point Road	1	1
TOTAL	1	1

SIGNAL MOUNTING HARDWARE

** LOCATION	SPV.0105.262 INSTALL SIGNAL MOUNTING HARDWARE L.S.
Mineral Point Road & High Point Road	1
TOTAL	1

ELECTRICAL SERVICE

CABINET NO.	** LOCATION	SPV.0105.292 INSTALL ELECTRICAL SERVICE METER BREAKER PEDESTAL L.S.
CB1	Mineral Point Road & High Point Road	1
TOTAL		1

REVISION	DATE	BY
Mark	9/30/2022	
Designed By: AECCM		
60631225P		

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: MINERAL POINT AND HIGH POINT ROAD  
BUS RAPID TRANSIT  
CITY OF MADISON



60631225P  
MQ-8S

FILE NAME: C:\OneDrive\AECCM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
LAST PLOT DATE: 9/30/2022

REMOVING TRAFFIC SIGNALS

** LOCATION	SPV.0105.213 REMOVING TRAFFIC SIGNALS L.S.
Mineral Point Road & Randolph Drive	1
<b>TOTAL</b>	<b>1</b>

REMOVING PULL BOXES

PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
<b>TOTAL</b>		<b>2</b>

TEMPORARY TRAFFIC SIGNALS

** LOCATION	SPV.0105.202 TEMPORARY TRAFFIC SIGNAL L.S.
Mineral Point Road & Randolph Drive	1
<b>TOTAL</b>	<b>1</b>

PULL BOXES

PULL BOX NO.	LOCATION	SPV.0060.202 INSTALL ELECTRICAL PULL BOX TYPE III	SPV.0060.203 INSTALL ELECTRICAL PULL BOX TYPE V
		EACH	EACH
PB3	91+11, 2' LT	1	
PB6	88+81, 6' LT	1	
PB8	91+53, 73' LT		1
PB10	91+99, 84' LT		1
PB11	92+27, 51' LT		1
PB12	92+27, 6' RT		1
<b>TOTAL</b>		<b>2</b>	<b>4</b>

CONCRETE BASES

SIGNAL BASE NO.	LOCATION	SPV.0060.204 CONCRETE BASES TYPE G	SPV.0060.205 CONCRETE BASES TYPE LB-3	SPV.0060.206 CONCRETE BASES TYPE LB-8
		EACH	EACH	EACH
SB4	91+15, 50' LT			1
SB5	91+33, 51' LT	1		
SB6	91+50, 73' LT		1	
SB7	92+4, 73' LT	1		
SB8	92+22, 52' LT	1		
SB9	92+21, 6' RT			1
SB10	92+26, 51' RT			1
SB12	92+19, 59' RT	1		
<b>TOTAL</b>		<b>4</b>	<b>1</b>	<b>3</b>

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG L.F.	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED L.F.
CB1		SB2			86				
CB1		SB3			157				
CB1		SB4		220					
CB1		SB5		222					
CB1		SB6				285			
CB1		SB7			313				
CB1		SB8			247				
CB1		SB9				178			
CB1		SB10		132					
CB1		SB12		135					
SB3		SB4						77	
SB4		SB5						44	
SB5		SB6						81	
SB6		SB7						112	
SB7		SB8						100	
SB8		SB9						109	
SB9		SB10						96	
SB10		SB12						41	
SB12		SB11						67	
SB3		SB6					127		
SB2		HEAD 12	19						
SB3		HEAD 5	19						
SB3		HEAD 13	19						
SB4		HEAD 9	47						
SB4		HEAD 10	35						
SB6		HEAD 15	15						
SB6		HEAD 17	19						
SB6		HEAD 4A	15						
SB6		HEAD 6B	15						
SB6		LUMINAIRE							126
SB7		HEAD 16	19						
SB7		HEAD 6A	15						
SB8		HEAD 6	19						
SB8		HEAD 8	19						
SB8		HEAD 8B	15						
SB9		HEAD 2	41						
SB9		HEAD 7	19						
SB9		HEAD 11	19						
SB10		HEAD 3	48						
SB10		HEAD 4	38						
<b>TOTAL</b>			<b>455</b>	<b>709</b>	<b>803</b>	<b>463</b>	<b>127</b>	<b>727</b>	<b>126</b>

REMOVING CONCRETE BASES

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB1	EXISTING	1
EXSB2	EXISTING	1
EXSB3	EXISTING	1
EXSB4	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
<b>TOTAL</b>	<b>TOTAL</b>	<b>6</b>

CONDUIT

LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	652.0615 CONDUIT SPECIAL 3-INCH
			LF	LF	LF
PB3		PB4	33		
PB7		SB4	8		
PB7		SB5	12		
PB7		PB8		94	
PB8		SB6	13		
PB8		PB9	1		
PB8		PB10			94
PB10		SB7	13		
PB10		PB11		88	
PB11		SB8	6		
PB11		PB12			114
PB12		SB9	7		
PB12		PB13	35		
PB12		PB16			90
PB16		SB10	7		
PB16		SB12	9		
<b>TOTAL</b>			<b>144</b>	<b>182</b>	<b>298</b>

Mark	REVISION	Date	Scale
Designed By: AECCM		10/13/2022	N/T'S
60631225P			

MISCELLANEOUS QUANTITIES: MINERAL POINT AND RANDOLPH DRIVE  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
MQ-9S

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TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE (FT)	X	NO. OF TURNS	652.0900 LOOP DETECTOR		SPV.0090.201 LOOP DETECTOR		655.0800 LOOP DETECTOR	
						SLOTS L.F.	LEAD-IN CABLE	SPECIAL L.F.	WIRE L.F.		
11	PB12	92+30, 7' LT	6	X	10	4	43	136		162	
21	PB6	88+81, 19' RT	6	X	10	4	40	350		156	
22	PB6	88+81, 29' RT	6	X	10	4	54	350		184	
23	PB6	88+81, 40' RT	6	X	10	4	64	350		204	
24	PB3	91+22, 18' RT	6	X	10	3	50	183		144	
25	PB2	91+22, 29' RT	6	X	10	3	39	58		122	
26	PB2	91+22, 40' RT	6	X	10	3	50	58		144	
27	PB3	91+22, 40' RT	6	X	6	3	66	183		168	
41	PB9	EXISTING	6	X	10	4	-	-		-	
51	PB3	91+22, 6' RT	6	X	10	3	38	183		120	
61	PB15	94+72, 18' LT	6	X	10	4	38	384		152	
62	PB15	94+72, 29' LT	6	X	10	4	50	384		176	
63	PB15	94+73, 40' LT	6	X	10	4	61	384		198	
64	PB12	92+30, 18' LT	6	X	10	3	54	136		152	
65	PB11	92+30, 29' LT	6	X	10	3	53	193		150	
66	PB11	92+30, 40' LT	6	X	10	3	42	193		128	
67	PB12	92+30, 40' LT	6	X	6	3	53	136		142	
81	PB19	EXISTING	6	X	6	4	-	-		-	
82	PB19	EXISTING	6	X	6	4	-	-		-	
83	PB18	EXISTING	6	X	6	4	-	-		-	
84	PB18	EXISTING	6	X	6	3	-	-		-	
TOTAL							795	3661		2502	

INSTALL CONDUIT INTO EXISTING ITEM

PULL BOX NO.	LOCATION	652.0700.S INSTALL CONDUIT INTO EXISTING ITEM	
		EACH	
PB2	EXISTING	1	
PB4	EXISTING	1	
PB7	EXISTING	3	
PB13	EXISTING	1	
PB15	EXISTING	1	
PB16	EXISTING	3	
TOTAL		10	

SIGNAL MOUNTING HARDWARE

		SPV.0105.263 INSTALL SIGNAL MOUNTING HARDWARE
** LOCATION		L.S.
Mineral Point Road & Randolph Drive		1
TOTAL		1

TRAFFIC SIGNAL CABINET

** LOCATION	SPV.0060.231 OPTICAL SIGNAL PREEMPT SYSTEM EACH	
Mineral Point Road & Randolph Drive	1	
TOTAL		1

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
		2	SB9	1
3	SB10	1		1
4	SB10	1		1
5	SB3	1		1
6	SB8	1		1
7	SB9	1		1
8	SB8	1		1
9	SB4	1		1
10	SB4	1		1
11	SB9	1		1
12	SB2	1		1
13	SB3	1		1
15	SB6	1		1
16	SB7	1		1
17	SB6	1		1
4A	SB6		1	
8B	SB8		1	
6A	SB7		1	
6B	SB6		1	
TOTAL		15	4	15

Mark	REVISION	Date	Scale
Designed By: AECOM		10/13/2022	
60631225P			

MISCELLANEOUS QUANTITIES: MINERAL POINT AND RANDOLPH DRIVE  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: MINERAL POINT AND RANDOLPH DRIVE  
 BUS RAPID TRANSIT  
 CITY OF MADISON

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TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.213 INSTALL POLES 30-FOOT 11 GAUGE TWIN MOUNT EACH	SPV.0060.276 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FT EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.265 INSTALL TRAFFIC SIGNAL TROMBONE ARM 12-FOOT EACH	SPV.0060.218 INSTALL TRAFFIC SIGNAL TROMBONE ARM 22-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH
SB4		1	1					1		
SB5	1				1				1	
SB6		1		1					1	1
SB7	1					1			1	
SB8	1					1			1	
SB9		1	1				1		1	
SB10		1	1					1		
SB12	1				1				1	
TOTAL	4	4	3	1	2	2	1	2	6	1

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/13/2022	Scale: NTS
60631225P			

MISCELLANEOUS QUANTITIES: MINERAL POINT AND RANDOLPH DRIVE  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
**CITY OF MADISON**



60631225P

MQ-11S

ELECTRICAL SERVICE		
CABINET NO.	** LOCATION	SPV.0105.293 INSTALL ELECTRICAL SERVICE METER BREAKER PEDESTAL L.S.
CB1	Mineral Point Road & Westfield Road	1
TOTAL		1

REMOVING TRAFFIC SIGNALS		
** LOCATION	SPV.0105.214 REMOVING TRAFFIC SIGNALS L.S.	
Mineral Point Road & Westfield Road	1	
TOTAL		1

TEMPORARY TRAFFIC SIGNALS		
** LOCATION	SPV.0105.203 TEMPORARY TRAFFIC SIGNAL L.S.	
Mineral Point Road & Westfield Road	1	
TOTAL		1

REMOVING PULL BOXES		
PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
EXPB3	EXISTING	1
EXPB4	EXISTING	1
EXPB5	EXISTING	1
EXPB6	EXISTING	1
EXPB7	EXISTING	1
EXPB8	EXISTING	1
EXPB9	EXISTING	1
TOTAL		9

CONDUIT					
LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
CB1		PB1		54	
PB1		SB1	21		
PB1		PB2	29		
PB2		PB3	245		
PB1		PB4			106
PB4		SB2	4		
PB4		PB5			102
PB5		SB3	16		
PB5		PB6		30	
PB6		SB4	12		
PB6		PB7			68
PB7		SB5	12		
PB7		SB6	4		
PB7		PB8	10		
PB7		PB9			158
PB9		SB7	21		
PB9		PB10	214		
PB9		PB11			88
PB11		SB8	21		
PB11		PB12		106	
PB12		SB9	5		
PB12		PB13	107		
PB12		PB14			102
PB14		SB10	5		
PB14		CB1		63	
TOTAL			726	253	624

PULL BOXES			
PULL BOX NO.	LOCATION	SPV.0060.202 INSTALL ELECTRICAL PULL BOX TYPE III EACH	SPV.0060.203 INSTALL ELECTRICAL PULL BOX TYPE V EACH
PB1	105+15, 58' LT		1
PB2	105+43, 53' LT	1	
PB3	107+85, 53' LT	1	
PB4	105+18, 1' LT		1
PB5	105+18, 50' RT		1
PB6	105+8, 60' RT		1
PB7	104+45, 59' RT		1
PB8	104+38, 52' RT	1	
PB9	104+11, 9' LT		1
PB10	101+96, 2' RT	1	
PB11	104+11, 52' LT		1
PB12	104+55, 78' LT		1
PB13	104+54, 184' LT	1	
PB14	105+4, 77' LT		1
TOTAL		5	9

REMOVING CONCRETE BASES		
SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB1	EXISTING	1
EXSB2	EXISTING	1
EXSB3	EXISTING	1
EXSB4	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
EXSB7	EXISTING	1
EXSB8	EXISTING	1
EXSB9	EXISTING	1
EXSB10	EXISTING	1
EXSB11	EXISTING	1
EXCB1	EXISTING	1
TOTAL		12

SIGNAL MOUNTING HARDWARE		
** LOCATION	SPV.0105.264 INSTALL SIGNAL MOUNTING HARDWARE L.S.	
Mineral Point Road & Westfield Road	1	
TOTAL		1

INSTALL PTZ CAMERA		
** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH	
SB7	1	
TOTAL		1

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MISCELLANEOUS QUANTITIES: MINERAL POINT AND WESTFIELD ROAD	CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C
BUS RAPID TRANSIT	CITY OF MADISON	
		
60631225P	MQ-12S	

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 LAST PLOT DATE: 9/28/2022

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0280 CABLE TRAFFIC SIGNAL 19-14 AWG L.F.	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED L.F.
CB1		SB1			61		61	61	
CB1		SB2			120				
CB1		SB3			197				
CB1		SB4			222				
CB1		SB5			302				
CB1		SB6		297					
CB1		SB7				254			
CB1		SB8			194		194		
CB1		SB9			120				
CB1		SB10		53				53	
SB1		SB2				116		116	
SB2		SB3						110	
SB3		SB4						81	
SB4		SB5						127	
SB5		SB6						41	
SB6		SB7						141	
SB7		SB8				124		124	
SB8		SB9						119	
SB8		SB10						101	
SB9		SB10						101	
SB5		SB7				149			
SB1		HEAD 5	19						
SB1		HEAD 7	19						
SB1		HEAD 8D	15						
SB1		LUMINAIRE						114	
SB2		HEAD 6	19						
SB2		HEAD 8B	15						
SB2		HEAD 8C	15						
SB2		LUMINAIRE						252	
SB3		HEAD 2	48						
SB3		HEAD 3	37						
SB3		HEAD 8A	15						
SB4		HEAD 12	19						
SB4		HEAD 16	19						
SB4		HEAD 2B	15						
SB5		HEAD 1	19						
SB5		HEAD 17	19						
SB5		HEAD 4D	15						
SB5		LUMINAIRE						126	
SB6		HEAD 2A	15						
SB7		HEAD 4	19						
SB7		HEAD 10	19						
SB7		HEAD 11	41						
SB7		HEAD 18	19						
SB7		HEAD 4B	15						
SB7		HEAD 4C	15						
SB7		LUMINAIRE						252	
SB8		HEAD 8	47						
SB8		HEAD 9	37						
SB8		HEAD 4A	15						
SB8		LUMINAIRE						114	
SB9		HEAD 13	19						
SB9		HEAD 15	19						
SB9		HEAD 6B	15						
SB10		HEAD 14	19						
SB10		HEAD 6A	15						
TOTAL			637	350	1216	254	644	1175	858

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.223 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
1	SB5	1			1
2	SB3	1			1
3	SB3	1			1
4	SB7	1			1
5	SB1	1			1
6	SB2	1			1
7	SB1	1			1
8	SB8	1			1
9	SB8	1			1
10	SB7	1			1
11	SB7	1			1
12	SB4	1			1
13	SB9	1			1
14	SB10	1			1
15	SB9	1			1
16	SB4	1			1
17	SB5	1			1
18	SB7			1	1
2A	SB6		1		
2B	SB4		1		
4A	SB8		1		
4B	SB7		1		
4C	SB7		1		
4D	SB5		1		
6A	SB10		1		
6B	SB9		1		
8A	SB3		1		
8B	SB2		1		
8C	SB2		1		
8D	SB1		1		
TOTAL		17	12	1	18

Mark	REVISION	DATE	BY
Designed By: AECOM		10/26/2022	
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MISCELLANEOUS QUANTITIES: MINERAL POINT AND WESTFIELD ROAD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-13S

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TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE (FT)		NO. OF TURNS	652.0900 LOOP DETECTOR SLOTS L.F.		SPV.0090.201 LOOP DETECTOR LEAD-IN CABLE SPECIAL L.F.		655.0800 LOOP DETECTOR WIRE L.F.	
			(FT)	X (FT)		L.F.	L.F.	L.F.	L.F.		
11	PB4	105+43, 20' LT	6	X 10	3	69		81		182	
21	PB10	101+96, 15' RT	6	X 10	4	44		385		164	
22	PB10	101+96, 27' RT	6	X 10	4	54		385		184	
23	PB10	101+96, 37' RT	6	X 10	4	65		385		206	
24	PB9	104+20, 15' RT	6	X 10	3	54		170		152	
25	PB8	104+20, 26' RT	6	X 10	3	65		221		174	
26	PB8	104+20, 37' RT	6	X 10	3	65		221		154	
27	PB9	104+49, 15' RT	6	X 6	3	47		221		160	
41	PB13	104+73, 184' LT	15	X 6	3	54		190		162	
42	PB12	104+76, 99' LT	6	X 10	3	66		79		176	
43	PB12	104+76, 83' LT	6	X 10	3	52		79		148	
44	PB12	104+65, 99' LT	6	X 10	3	55		79		154	
45	PB12	104+65, 83' LT	6	X 10	3	41		79		126	
51	PB9	104+20, 3' RT	6	X 10	3	42		170		108	
61	PB3	107+84, 21' LT	6	X 10	4	61		291		140	
62	PB3	107+84, 32' LT	6	X 10	4	50		291		198	
63	PB3	107+85, 43' LT	6	X 10	4	39		291		176	
64	PB4	105+43, 10' LT	6	X 10	3	-		81		122	
65	PB2	105+43, 31' LT	6	X 10	3	40		49		160	
66	PB2	105+43, 42' LT	6	X 10	3	51		49		124	
67	PB4	105+8, 10' LT	6	X 6	3	-		81		122	
TOTAL						1014		3878		3292	

TRAFFIC SIGNAL CABINET

** LOCATION	SPV.0060.229 INSTALL NEMA TS2 TYPE 1 TRAFFIC CONTROLLER CABINET EACH	SPV.0060.231 OPTICAL SIGNAL PREEMPT SYSTEM EACH	SPV.0105.254 INSTALL GRIDSMART DETECTION SYSTEM LS
Mineral Point Road & Westfield Road	1	1	1
TOTAL	1	1	1

CONCRETE BASES

SIGNAL BASE NO.	LOCATION	CONCRETE BASES TYPE G EACH	CONCRETE BASES TYPE LB-3 EACH	CONCRETE BASES TYPE LB-8 EACH	CONCRETE BASE TYPE P EACH
CB1	105+25, 72' LT				1
SB1	105+34, 52' LT		1		
SB2	105+20, 2' RT			1	
SB3	105+33, 48' RT			1	
SB4	105+10, 71' RT	1			
SB5	104+41, 48' RT		1		
SB6	104+47, 63' RT	1			
SB7	104+29, 9' LT			1	
SB8	104+28, 52' LT			1	
SB9	104+50, 80' LT	1			
SB10	105+1, 79' LT	1			
TOTAL		4	2	4	1

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.210 INSTALL POLES 30-FOOT 7 GAUGE SINGLE MOUNT EACH	SPV.0060.211 INSTALL POLES 30-FOOT 7 GAUGE TWIN MOUNT EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.280 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	SPV.0060.265 INSTALL TRAFFIC SIGNAL TROMBONE ARM 12-FOOT EACH	SPV.0060.218 INSTALL TRAFFIC SIGNAL TROMBONE ARM 22-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH	SPV.0060.232 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE I EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH
SB1		1				1								1		
SB2		1			1											2
SB3		1	1							1				1		
SB4	1						1				1					
SB5		1				1				1					1	
SB6	1							1								
SB7		1			1				1							2
SB8		1		1						1				1		
SB9	1						1				1					
SB10	1						1				1					
CB1												1				
TOTAL	4	6	1	1	2	2	3	1	1	2	7	1	4	2	1	4

60631225P

MISCELLANEOUS QUANTITIES: MINERAL POINT AND WESTFIELD ROAD

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CONTRACT NO: 60631225C

CITY OF MADISON

60631225P

MQ-14S

Mark: \_\_\_\_\_ Date: 9/25/2022  
 REVISION: \_\_\_\_\_  
 Scale: NTS  
 BY: \_\_\_\_\_  
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 LAST PLOT DATE: 9/28/2022



**REMOVING TRAFFIC SIGNALS**

** LOCATION	SPV.0105.215 REMOVING TRAFFIC SIGNALS L.S.
Mineral Point Road & Gammon Road	1
<b>TOTAL</b>	<b>1</b>

**SIGNAL MOUNTING HARDWARE**

** LOCATION	SPV.0105.265 INSTALL SIGNAL MOUNTING HARDWARE L.S.
Mineral Point Road & Gammon Road	1
<b>TOTAL</b>	<b>1</b>

**TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE**

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG L.F.	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED L.F.
CB1		SB1		59			59	59	
CB1		SB3		186					
CB1		SB5				321			
CB1		SB6			359				
CB1		SB7			399				
CB1		SB8				364			
CB1		SB9			284				
CB1		SB10			221				
CB1		SB11				140			
CB1		SB12		71			71		
CB1		SB13		84				84	
SB1		SB2						118	
SB2		SB3						103	
SB3		SB4					93	93	
SB4		SB5						138	
SB5		SB6						101	
SB6		SB7						107	
SB7		SB8						125	
SB8		SB9						111	
SB9		SB10					115	115	
SB10		SB11						125	
SB11		SB12						103	
SB12		SB13						49	
SB1		SB3					169		
SB12		SB10					183		
SB7		SB9					182		
SB1		HEAD 5	19						
SB1		HEAD 7	19						
SB1		HEAD 8B	15						
SB1		LUMINAIRE							126
SB2		HEAD 6	19						
SB2		HEAD 11	19						
SB3		HEAD 2	51						
SB3		HEAD 3	40						
SB3		HEAD 6A	15						
SB3		LUMINAIRE							126
SB5		HEAD 18		22					
SB5		HEAD 21	38						
SB5		HEAD 25		22					
SB6		HEAD 22	46						
SB6		HEAD 23		23					
SB7		HEAD 1	19						
SB7		HEAD 12	19						
SB8		HEAD 4	19						
SB8		HEAD 8	41						
SB8		HEAD 13	19						
SB9		HEAD 9	49						
SB9		HEAD 10	40						
SB9		HEAD 4A	15						
SB9		LUMINAIRE							126
SB10		HEAD 20		23					
SB10		HEAD 2B	15						
SB10		LUMINAIRE							126
SB11		HEAD 15	38						
SB11		HEAD 19		22					
SB11		HEAD 24		22					
SB12		HEAD 16	51						
SB12		HEAD 17		23					
SB12		LUMINAIRE							126
SB13		HEAD 2A	15						
<b>TOTAL</b>			<b>621</b>	<b>312</b>	<b>1508</b>	<b>825</b>	<b>872</b>	<b>1431</b>	<b>630</b>

**REMOVING CONCRETE BASES**

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB1	EXISTING	1
EXSB2	EXISTING	1
EXSB3	EXISTING	1
EXSB4	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
EXSB7	EXISTING	1
<b>TOTAL</b>	<b>TOTAL</b>	<b>7</b>

**PULL BOXES**

PULL BOX NO.	LOCATION	SPV.0060.202 ELECTRICAL PULL BOX TYPE III EACH	SPV.0060.203 ELECTRICAL PULL BOX TYPE V EACH
PB2	119+19,55' LT	1	
PB3	121+51, 54' LT	1	
PB7	118+85, 70' RT		1
PB13	117+37, 45' RT		1
PB14	117+38, 38' LT		1
PB15	115+1, 3' RT	1	
PB16	117+39, 56' LT		1
<b>TOTAL</b>	<b>TOTAL</b>	<b>3</b>	<b>4</b>

**INSTALL CONDUIT INTO EXISTING ITEM**

PULL BOX NO.	LOCATION	652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB1	EXISTING	1
PB5	EXISTING	1
PB6	EXISTING	1
PB9	EXISTING	1
PB12	EXISTING	1
PB17	EXISTING	1
PB18	EXISTING	1
PB22	EXISTING	1
<b>TOTAL</b>	<b>TOTAL</b>	<b>8</b>

**CONCRETE BASES**

SIGNAL BASE NO.	LOCATION	SPV.0060.204 CONCRETE BASES TYPE G EACH	SPV.0060.205 CONCRETE BASES TYPE LB-3 EACH	SPV.0060.206 CONCRETE BASES TYPE LB-8 EACH
SB1	118+94, 58' LT		1	
SB3	118+93, 48' RT			1
SB5	118+16, 57' RT			1
SB8	117+53, 11' LT			1
SB9	117+49, 56' LT			1
SB10	117+73, 79' LT		1	
SB11	118+30, 78' LT			1
SB12	118+84, 81' LT			1
SB13	118+86, 65' LT	1		
<b>TOTAL</b>	<b>TOTAL</b>	<b>1</b>	<b>2</b>	<b>6</b>

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MISCELLANEOUS QUANTITIES: MINERAL POINT AND GAMMON ROAD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
 MQ-15S

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TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE		NO. OF TURNS	652.0900	SPV.0090.201	655.0800
			(FT)	X (FT)		LOOP DETECTOR SLOTS L.F.	LOOP DETECTOR LEAD IN CABLE L.F.	LOOP DETECTOR WIRE L.F.
11	PB14	117+42, 1' RT	6	X 10	4	41	254	158
21	PB3	121+50, 23' LT	6	X 10	4	60	274	196
22	PB3	121+51, 34' LT	6	X 10	4	49	274	174
23	PB3	121+51, 45' LT	6	X 10	4	38	274	152
24	PB5	119+9, 23' LT	6	X 10	3	51	102	146
25	PB2	119+9, 34' LT	6	X 10	3	51	43	146
26	PB2	119+9, 44' LT	6	X 10	3	40	43	124
27	PB4	118+77, 23' LT	6	X 6	3	53	102	142
31	PB10	EXISTING	6	X 20	3	-	-	-
32	PB9	118+28, 72' RT	6	X 10	3	43	228	130
41	PB21	EXISTING	20	X 6	5	-	-	-
42	PB20	EXISTING	15	X 6	5	-	-	-
43	PB18	118+10, 87' LT	20	X 6	5	71	97	310
44	PB18	117+98, 88' LT	15	X 6	5	73	97	284
51	PB5	119+9, 12' LT	6	X 10	3	40	102	124
61	PB15	115+1, 13' RT	6	X 10	5	39	492	186
62	PB15	115+1, 24' RT	6	X 10	5	50	492	208
63	PB15	115+1, 34' RT	6	X 10	5	61	492	230
64	PB14	117+42, 12' RT	6	X 10	4	53	254	182
65	PB13	117+42, 24' RT	6	X 10	4	52	311	180
66	PB13	117+42, 34' RT	6	X 10	4	42	311	160
67	PB14	117+72, 12' RT	6	X 6	4	59	254	178
71	PB19	EXISTING	6	X 20	5	-	-	-
72	PB18	118+20, 87' LT	6	X 10	3	41	97	108
81	PB8	EXISTING	20	X 6	5	-	-	-
82	PB8	EXISTING	15	X 6	5	-	-	-
83	PB9	118+38, 72' RT	6	X 10	5	229	172	172
84	PB9	118+48, 72' RT	6	X 10	5	229	172	172
TOTAL						1465	4937	3862

CONDUIT

LOC.	TO LOC.	652.0225	652.0235	652.0615
		CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	CONDUIT SPECIAL 3-INCH LF
PB1	SB1	12		
PB1	PB2	15		
PB2	PB3	232		
PB6	SB3	9		
PB6	PB7		62	
PB7	SB4	15		
PB7	PB8	29		
PB7	PB9			142
PB12	PB13		84	
PB13	SB7	16		
PB13	PB14			112
PB14	SB8	14		
PB14	PB15	239		
PB14	PB16			94
PB16	SB9	11		
PB16	PB17		104	
PB17	SB10	13		
PB18	SB11	9		
PB22	SB12	8		
PB22	SB13	17		
TOTAL		639	250	348

60631225P

60631225P


CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: MINERAL POINT AND GAMMON ROAD

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-16S

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**TRAFFIC SIGNAL CABINET**

SPV.0060.260	SPV.0060.263	SPV.0060.266	SPV.0060.267
SALVAGE AND REINSTALL	SALVAGE AND REINSTALL WIRELESS ANTENNA	SALVAGE AND REINSTALL PTZ CAMERA	INSTALL EVP DETECTOR
LOCATION EACH	EACH	EACH	EACH
SB10	1		
SB9		1	
SB9	1		
SB3			1
TOTAL	1	1	1

**TEMPORARY TRAFFIC SIGNALS**

** LOCATION	SPV.0105.204 TEMPORARY TRAFFIC SIGNAL L.S.
Mineral Point Road & Gammon Road	1
TOTAL	1

**REMOVING PULL BOXES**

PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
TOTAL		2

**TRAFFIC SIGNAL FACES**

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.221 TRAFFIC SIGNAL HEADS 12-INCH 4-SECTION EACH	SPV.0060.222 TRAFFIC SIGNAL HEADS 12-INCH 5-SECTION EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH	SPV.0060.226 BACKPLATES SIGNAL FACES 4-SECTION 12-INCH EACH	SPV.0060.227 INSTALL BACKPLATES SIGNAL FACES 5-SECTION 12-INCH EACH
1	SB7	1				1		
2	SB3	1				1		
3	SB3	1				1		
4	SB8	1				1		
5	SB1	1				1		
6	SB2	1				1		
7	SB1	1				1		
8	SB8	1				1		
9	SB9	1				1		
10	SB9	1				1		
11	SB2	1				1		
12	SB7	1				1		
13	SB8	1				1		
15	SB11	1				1		
16	SB12	1				1		
17	SB12			1				1
18	SB5		1				1	
19	SB11		1				1	
20	SB10			1				1
21	SB5	1				1		
22	SB6	1				1		
23	SB6			1				1
24	SB11		1				1	
25	SB5		1				1	
2A	SB13				1			
2B	SB10				1			
4A	SB9				1			
6A	SB3				1			
8B	SB1				1			
TOTAL		17	4	3	5	17	4	3

**TRAFFIC SIGNAL EQUIPMENT**

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.210 INSTALL POLES 30-FOOT 7 GAUGE SINGLE MOUNT EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.280 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	SPV.0060.265 INSTALL TRAFFIC SIGNAL TROMBONE ARM 12-FOOT EACH	SPV.0060.219 INSTALL TRAFFIC SIGNAL TROMBONE ARM 25-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH
SB1		1			1				1	1
SB3		1		1					1	1
SB5		1	1				1		1	
SB8		1	1				1		1	
SB9		1		1				1	1	1
SB10		1			1				1	1
SB11		1	1				1		1	
SB12		1		1				1		1
SB13	1					1			1	
TOTAL	1	8	3	3	2	1	3	3	8	5

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MISCELLANEOUS QUANTITIES: MINERAL POINT AND GAMMON ROAD  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C



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REMOVING TRAFFIC SIGNALS

** LOCATION	SPV.0105.216 REMOVING TRAFFIC SIGNALS L.S.
Mineral Point Road & Grand Canyon Drive	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC SIGNAL CABINET

** LOCATION	SPV.0060.229 INSTALL NEMA TS2 TYPE 1 TRAFFIC CONTROLLER CABINET EACH	SPV.0105.252 SALVAGE AND RESINSTALL EVP SYSTEM LS	SPV.0060.267 INSTALL EVP DETECTOR EACH
Mineral Point Road & Grand Canyon Drive	1	1	1
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>1</b>

INSTALL PTZ CAMERA

** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH
SB4	1
<b>TOTAL</b>	<b>1</b>

REMOVING PULL BOXES

PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
EXPB3	EXISTING	1
EXPB4	EXISTING	1
EXPB5	EXISTING	1
EXPB6	EXISTING	1
EXPB7	EXISTING	1
EXPB8	EXISTING	1
<b>TOTAL</b>		<b>8</b>

REMOVING CONCRETE BASES

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB1	EXISTING	1
EXSB2	EXISTING	1
EXSB3	EXISTING	1
EXSB4	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
EXSB7	EXISTING	1
EXSB8	EXISTING	1
EXSB9	EXISTING	1
EXSB10	EXISTING	1
EXCB1	EXISTING	1
<b>TOTAL</b>		<b>11</b>

CONDUIT

LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0335 CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
CB1		PB1		48		
PB1		SB1	9			
PB1		PB2				100
PB2		SB2	9			
PB2		PB3		94		
PB3		SB3	6			
PB3		PB4				108
PB4		SB4	6			
PB4		PB5	245			
PB4		PB6				110
PB6		SB5	11			
PB6		PB7		98		
PB7		SB6	6			
PB7		PB8			104	
PB8		SB7	9			
PB8		PB9		78		
PB9		SB8	16			
PB9		PB10	22			
PB10		PB11	232			
PB9		PB12				108
PB12		SB9	4			
PB12		PB13				122
PB13		SB10	30			
PB13		CB1		70		
CB1		PB14	11			
<b>TOTAL</b>			<b>616</b>	<b>388</b>	<b>104</b>	<b>548</b>

CONCRETE BASES

SIGNAL BASE NO.	LOCATION	SPV.0060.204 CONCRETE BASES TYPE G EACH	SPV.0060.205 CONCRETE BASES TYPE LB-3 EACH	SPV.0060.206 CONCRETE BASES TYPE LB-8 EACH	SPV.0060.207 CONCRETE BASE TYPE P EACH
CB1	133+60, 91' RT				1
SB1	133+65' 69' RT		1		
SB2	133+8, 69' RT	1			
SB3	132+80, 49' RT	1			
SB4	132+79, 9' LT			1	
SB5	132+78, 53' LT			1	
SB6	133+10, 79' LT		1		
SB7	133+59, 75' RT	1			
SB8	133+97, 52' LT		1		
SB9	133+83, 2' RT			1	
SB10	133+98, 50' RT			1	
<b>TOTAL</b>		<b>3</b>	<b>3</b>	<b>4</b>	<b>1</b>

TEMPORARY TRAFFIC SIGNALS

** LOCATION	SPV.0105.205 TEMPORARY TRAFFIC SIGNAL L.S.
Mineral Point Road & Grand Canyon	1
<b>TOTAL</b>	<b>1</b>

PULL BOXES

PULL BOX NO.	LOCATION	SPV.0060.202 INSTALL ELECTRICAL PULL BOX TYPE III EACH	SPV.0060.203 INSTALL ELECTRICAL PULL BOX TYPE V EACH
PB1	133+59, 76' RT		1
PB2	133+11, 76' RT		1
PB3	132+74, 47' RT		1
PB4	132+75, 6' LT		1
PB5	130+31, 1' RT	1	
PB6	132+73, 52' LT		1
PB7	133+12, 82' LT		1
PB8	133+57, 83' LT		1
PB9	133+82, 54' LT		1
PB10	134+1, 52' LT	1	
PB11	136+33, 52' LT	1	
PB12	133+82, 1' LT		1
PB13	133+70, 59' RT		1
PB14	133+63, 101' RT	1	
<b>TOTAL</b>		<b>4</b>	<b>10</b>

MISCELLANEOUS QUANTITIES: MINERAL POINT AND GRAND CANYON  
BUS RAPID TRANSIT

60631225P  
CITY OF MADISON, DANE COUNTY, WI

CITY OF MADISON

60631225P  
MQ-18S

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TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0280 CABLE TRAFFIC SIGNAL 19-14 AWG L.F.	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED L.F.
CB1	SB1			52		52	52	
CB1	SB2			116				
CB1	SB3			177				
CB1	SB4				244	244		
CB1	SB5			303				
CB1	SB6			325				
CB1	SB7			267				
CB1	SB8			222				
CB1	SB9			140				
CB1	SB10			90			90	
SB1	SB2						105	
SB2	SB3						102	
SB3	SB4						105	
SB4	SB5				97	97	97	
SB5	SB6				97	97	97	
SB6	SB7						97	
SB7	SB8						100	
SB8	SB9				113	113	113	
SB9	SB10						114	
SB1	SB9				151			
SB1	HEAD 12		19					
SB1	HEAD 16		19					
SB1	HEAD 2B						15	
SB1	LUMINAIRE						126	
SB2	HEAD 17		19					
SB2	HEAD 2A		15					
SB3	HEAD 1		19					
SB3	HEAD 4D		15					
SB4	HEAD 4		19					
SB4	HEAD 10		19					
SB4	HEAD 11		41					
SB4	HEAD 18		19					
SB4	HEAD 4B		15					
SB4	HEAD 4C		15					
SB4	LUMINAIRE						252	
SB5	HEAD 8		46					
SB5	HEAD 9		36					
SB5	HEAD 4A		15					
SB5	LUMINAIRE						114	
SB6	HEAD 13		19					
SB6	HEAD 15		19					
SB6	HEAD 6B		15					
SB6	LUMINAIRE						126	
SB7	HEAD 14		19					
SB7	HEAD 6A		15					
SB8	HEAD 5		19					
SB8	HEAD 7		19					
SB8	HEAD 8D		15					
SB8	LUMINAIRE						114	
SB9	HEAD 6		19					
SB9	HEAD 8B		15					
SB9	HEAD 8C		15					
SB9	LUMINAIRE						252	
SB10	HEAD 2		46					
SB10	HEAD 3		37					
SB10	HEAD 8A		15					
TOTAL			618	1692	244	754	1072	999

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.223 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
1	SB3	1			1
2	SB10	1			1
3	SB10	1			1
4	SB4	1			1
5	SB8	1			1
6	SB9	1			1
7	SB8	1			1
8	SB5	1			1
9	SB5	1			1
10	SB4	1			1
11	SB4	1			1
12	SB1	1			1
13	SB6	1			1
14	SB7	1			1
15	SB6	1			1
16	SB1	1			1
17	SB2	1			1
18	SB4		1		1
2A	SB2			1	
2B	SB1			1	
4A	SB5			1	
4B	SB4			1	
4C	SB4			1	
4D	SB3			1	
6A	SB7			1	
6B	SB6			1	
8A	SB10			1	
8B	SB9			1	
8C	SB9			1	
8D	SB8			1	
TOTAL		17	1	12	18

SIGNAL MOUNTING HARDWARE

** LOCATION	SPV.0105.266 INSTALL SIGNAL MOUNTING HARDWARE L.S.
Mineral Point Road & Grand Canyon Drive	1
TOTAL	1

ELECTRICAL SERVICE

CABINET NO.	** LOCATION	SPV.0105.295 INSTALL ELECTRICAL SERVICE METER BREAKER PEDESTAL L.S.
CB1	Mineral Point Road & Grand Canyon Drive	1
TOTAL		1

MISCELLANEOUS QUANTITIES: MINERAL POINT AND GRAND CANYON  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
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 MQ-19S



TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE (FT)		NO. OF TURNS	652.0900 LOOP DETECTOR	SPV.0090.201 LOOP DETECTOR	655.0800 LOOP DETECTOR
			X	(FT)		SLOTS L.F.	LEAD-IN CABLE SPECIAL L.F.	WIRE L.F.
11	PB12	134+6, 20' LT	6	X 10	3	69	107	182
21	PB5	13+30, 15' RT	6	X 10	5	44	418	196
22	PB5	13+30, 25' RT	6	X 10	5	54	418	216
23	PB5	130+30, 36' RT	6	X 10	5	65	418	238
24	PB4	132+67, 15' RT	6	X 10	3	53	173	150
25	PB3	132+67, 26' RT	6	X 10	3	53	120	150
26	PB3	132+67, 37' RT	6	X 10	3	42	120	128
27	PB4	132+96, 14' RT	6	X 6	3	48	196	132
41	PB7	133+30, 99' LT	6	X 10	3	60	239	164
42	PB7	133+31, 83' LT	6	X 10	3	-	239	142
43	PB7	133+21, 99' LT	6	X 10	3	50	239	144
44	PB7	133+21, 83' LT	6	X 10	3	-	239	122
51	PB4	132+67, 3' RT	6	X 10	3	42	173	128
61	PB11	136+33, 20' LT	6	X 10	5	61	413	230
62	PB11	136+33, 31' LT	6	X 10	5	50	413	208
63	PB11	136+33, 42' LT	6	X 10	5	39	413	186
64	PB12	134+6, 9' LT	6	X 10	3	-	107	162
65	PB10	134+6, 31' LT	6	X 10	3	51	182	146
66	PB10	134+6, 42' LT	6	X 10	3	40	182	124
67	PB12	133+74, 10' LT	6	X 6	3	-	107	96
81	PB14	133+39, 97' RT	6	X 10	3	54	19	152
82	PB14	133+38, 81' RT	6	X 10	3	60	19	164
83	PB14	133+52, 97' RT	6	X 10	3	42	19	128
84	PB14	133+50, 81' RT	6	X 10	3	48	19	140
TOTAL						1025	4992	3828

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.210 INSTALL POLES 30-FOOT 7 GAUGE SINGLE MOUNT EACH	SPV.0060.211 INSTALL POLES 30-FOOT 7 GAUGE TWIN MOUNT EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.265 INSTALL TRAFFIC SIGNAL TROMBONE ARM 12-FOOT EACH	SPV.0060.217 INSTALL TRAFFIC SIGNAL TROMBONE ARM 20-FOOT EACH	SPV.0060.219 INSTALL TRAFFIC SIGNAL TROMBONE ARM 25-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH	SPV.0060.232 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE I EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH
SB1		1				1					1					
SB2	1						1				1					
SB3	1						1				1					
SB4		1			1			1			2					2
SB5		1		1					1		1			1		
SB6		1				1					1				1	
SB7	1						1				1					
SB8		1				1								1		
SB9		1			1									2		2
SB10		1	1							1				1		
CB1												1				
TOTAL	3	7	1	1	2	3	3	1	1	1	8	1	4	2	2	4

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: MINERAL POINT AND GRAND CANYON  
BUS RAPID TRANSIT  
CITY OF MADISON

60631225P  
MQ-20S

REVISION  
 Date: 10/16/2022  
 Scale: NTS  
 Mark  
 Designed By: AECOM  
 60631225P

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 LAST PLOT DATE: -10/19/2022

**TRAFFIC SIGNAL EQUIPMENT**

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.217 INSTALL TRAFFIC SIGNAL TROMBONE ARM 20-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH
SB2	1			1		1
SB5	1			1		1
SB6		1	1		1	1
SB7	1			1		1
<b>TOTAL</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>4</b>

**REMOVING TRAFFIC SIGNALS**

** LOCATION	SPV.0105.217 REMOVING TRAFFIC SIGNALS L.S.
Mineral Point Road & Yellowstone Drive	1
<b>TOTAL</b>	<b>1</b>

**PULL BOXES**

PULL BOX NO.	LOCATION	SPV.0060.202 INSTALL ELECTRICAL PULL BOX TYPE III EACH	SPV.0060.203 INSTALL ELECTRICAL PULL BOX TYPE V EACH
PB7	144+4, 4' RT	1	
PB9	146+73, 83' LT		1
PB11	147+22, 83' LT		1
PB16	149+96, 10' LT	1	
<b>TOTAL</b>		<b>2</b>	<b>2</b>

**TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE**

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1	SB2			180	
CB1	SB4			305	
CB1	SB5			370	
CB1	SB6			309	
CB1	SB7			252	
SB1	SB2				102
SB2	SB3				114
SB4	SB5				103
SB5	SB6				102
SB6	SB7				94
SB7	SB8				105
SB2	HEAD 1		19		
SB2	HEAD 11		19		
SB2	HEAD 2A		15		
SB3	HEAD 4		19		
SB3	HEAD 12		19		
SB4	HEAD 4A		15		
SB5	HEAD 14		19		
SB5	HEAD 16		19		
SB5	HEAD 6B		15		
SB6	HEAD 15		41		
SB6	HEAD 6A		15		
SB7	HEAD 5		19		
SB7	HEAD 7		19		
SB7	HEAD 8B		15		
SB8	HEAD 6		19		
SB8	HEAD 10		19		
<b>TOTAL</b>			<b>306</b>	<b>1416</b>	<b>620</b>

**TRAFFIC SIGNAL FACES**

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
1	SB2	1		1
4	SB3	1		1
5	SB7	1		1
6	SB8	1		1
7	SB7	1		1
10	SB8	1		1
11	SB2	1		1
12	SB3	1		1
14	SB5	1		1
15	SB6	1		1
16	SB5	1		1
2A	SB2		1	
4A	SB4		1	
6A	SB6		1	
6B	SB5		1	
8B	SB7		1	
<b>TOTAL</b>		<b>11</b>	<b>5</b>	<b>11</b>

**CONDUIT**

LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
PB3	SB2		15		
PB8	PB9			92	
PB9	SB5		7		
PB9	PB10		4		
PB9	PB11				96
PB11	SB6		8		
PB12	SB7		6		
PB9	PB10		5		
PB11	PB12			84	
<b>TOTAL</b>			<b>45</b>	<b>176</b>	<b>96</b>

**CONCRETE BASES**

SIGNAL BASE NO.	LOCATION	SPV.0060.204 CONCRETE BASES TYPE G EACH	SPV.0060.206 CONCRETE BASES TYPE LB-8 EACH
SB2	146+56, 47' RT	1	
SB5	146+71, 76' LT	1	
SB6	147+25, 77' LT		1
SB7	147+43, 53' LT	1	
<b>TOTAL</b>		<b>3</b>	<b>1</b>

**REMOVING CONCRETE BASES**

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB2	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
EXSB7	EXISTING	1
<b>TOTAL</b>	<b>TOTAL</b>	<b>4</b>

MISCELLANEOUS QUANTITIES: MINERAL POINT AND YELLOWSTONE DRIVE  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
MQ-21S

60631225P  
 10/12/2022  
 Scale: NTS  
 REVISION  
 DATE  
 BY  
 Mark  
 Designed By: AECOM  
 60631225P

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TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE (FT) X (FT)	NO. OF TURNS	652.0900 LOOP DETECTOR		SPV.0090.201 LOOP DETECTOR		655.0800 LOOP DETECTOR	
					SLOTS L.F.	LEAD-IN CABLE SPECIAL L.F.	WIRE L.F.			
11	PB13	147+54, 10' LT	6 X 10	3	42		127		128	
21	PB7	144+4, 15' RT	6 X 10	5	41		409		190	
22	PB7	144+4, 25' RT	6 X 10	5	51		409		210	
23	PB7	144+4, 36' RT	6 X 10	5	62		409		232	
24	PB5	146+44, 14' RT	6 X 10	3	50		182		144	
25	PB3	146+44, 25' RT	6 X 10	3	50		117		144	
26	PB3	146+44, 35' RT	6 X 10	3	40		117		124	
27	PB5	146+73, 14' RT	6 X 6	3	64		182		164	
41	PB9	146+96, 108' LT	6 X 10	5	70		269		248	
42	PB9	146+96, 92' LT	6 X 10	5	56		269		220	
43	PB9	146+82, 108' LT	6 X 10	5	60		269		228	
44	PB9	146+85, 92' LT	6 X 10	5	45		269		198	
51	PB5	146+44, 2' RT	6 X 10	3	38		182		108	
61	PB16	149+96, 20' LT	6 X 10	4	40		370		140	
62	PB16	149+96, 31' LT	6 X 10	4	51		370		156	
63	PB16	149+96, 42' LT	6 X 10	4	62		370		178	
64	PB13	147+54, 21' LT	6 X 10	3	52		127		168	
65	PB12	147+64, 32' LT	6 X 10	3	53		182		148	
66	PB12	147+54, 43' LT	6 X 10	3	42		182		150	
67	PB13	147+25, 21' LT	6 X 6	3	54		127		104	
81	PB1	147+00, 85' RT	6 X 10	3	60		30		128	
82	PB1	147+00, 69' RT	6 X 10	3	51		30		114	
83	PB1	147+10, 85' RT	6 X 10	3	49		30		108	
84	PB1	147+10, 85' RT	6 X 10	3	40		30		164	
TOTAL					1223		5058		3896	

SIGNAL MOUNTING HARDWARE

** LOCATION	SPV.0105.267 INSTALL SIGNAL MOUNTING HARDWARE L.S.
Mineral Point Road & Yellowstone Drive	1
TOTAL	1

REMOVING PULL BOXES

PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
TOTAL		2

INSTALL CONDUIT INTO EXISTING ITEM

PULL BOX NO.	LOCATION	652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB1	EXISTING	1
PB3	EXISTING	1
PB5	EXISTING	1
PB8	EXISTING	1
PB10	EXISTING	1
PB12	EXISTING	1
TOTAL		6

TEMPORARY TRAFFIC SIGNALS

** LOCATION	SPV.0105.206 TEMPORARY TRAFFIC SIGNAL L.S.
Mineral Point Road & Yellowstone Drive	1
TOTAL	1

BY	
DATE	
REVISION	
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60631225P	

MISCELLANEOUS QUANTITIES: MINERAL POINT AND YELLOWSTONE DRIVE  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
MQ-22S

<u>SIGNAL MOUNTING HARDWARE</u>	
** LOCATION	SPV.0105.268 INSTALL SIGNAL MOUNTING HARDWARE L.S.
Mineral Point Road & Island Drive	1
<b>TOTAL</b>	<b>1</b>

<u>INSTALL PTZ CAMERA</u>	
** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH
SB4	1
<b>TOTAL</b>	<b>1</b>

<u>REMOVING TRAFFIC SIGNALS</u>	
** LOCATION	SPV.0105.218 REMOVING TRAFFIC SIGNALS L.S.
Mineral Point Road & Island Drive	1
<b>TOTAL</b>	<b>1</b>

<u>TEMPORARY TRAFFIC SIGNALS</u>	
** LOCATION	SPV.0105.207 TEMPORARY TRAFFIC SIGNAL L.S.
Mineral Point Road & Island Drive	1
<b>TOTAL</b>	<b>1</b>

<u>REMOVING PULL BOXES</u>		
PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
EXPB3	EXISTING	1
EXPB4	EXISTING	1
EXPB5	EXISTING	1
<b>TOTAL</b>		<b>5</b>

<u>REMOVING CONCRETE BASES</u>		
SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB1	EXISTING	1
EXSB2	EXISTING	1
EXSB3	EXISTING	1
EXSB4	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
EXSB7	EXISTING	1
EXSB8	EXISTING	1
EXSB9	EXISTING	1
EXSB10	EXISTING	1
EXCB1	EXISTING	1
<b>TOTAL</b>		<b>11</b>

<u>CONDUIT</u>					
LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
CB1		PB1		21	
PB1		SB1	5		
PB1		PB2			110
PB2		SB2	8		
PB2		PB3		76	
PB3		SB3	9		
PB3		PB4			112
PB4		SB4	8		
PB4		PB5	242		
PB4		PB6		90	
PB6		SB5	8		
PB6		PB7			200
PB6		SB6	32		
PB7		SB7	12		
PB7		SB8	21		
PB7		PB8	28		
PB7		PB9			106
PB9		SB9	4		
PB9		PB10	267		
PB9		PB11			96
PB11		SB10	17		
PB11		PB1		64	
<b>TOTAL</b>			<b>661</b>	<b>251</b>	<b>624</b>

<u>PULL BOXES</u>			
PULL BOX NO.	LOCATION	SPV.0060.202 INSTALL ELECTRICAL PULL BOX TYPE III EACH	SPV.0060.203 INSTALL ELECTRICAL PULL BOX TYPE V EACH
PB1	161+39, 74' LT		1
PB2	161+90, 78' LT		1
PB3	162+19, 47' LT		1
PB4	162+19, 8' RT		1
PB5	164+61, 3' LT	1	
PB6	162+19, 52' RT		1
PB7	161+20, 51' RT		1
PB8	160+93, 51' RT	1	
PB9	161+19, 1' LT		1
PB10	158+51, 8' RT	1	
PB11	161+19, 49' LT		1
<b>TOTAL</b>		<b>3</b>	<b>8</b>

<u>CONCRETE BASES</u>					
SIGNAL BASE NO.	LOCATION	SPV.0060.204 CONCRETE BASES TYPE G EACH	SPV.0060.205 CONCRETE BASES TYPE LB-3 EACH	SPV.0060.206 CONCRETE BASES TYPE LB-8 EACH	SPV.0060.207 CONCRETE BASE TYPE P EACH
CB1	161+40, 81' LT				1
SB1	161+35, 71' LT		1		
SB2	161+94, 71' LT	1			
SB3	162+11, 48' LT		1		
SB4	162+11, 7' RT			1	
SB5	162+11, 44' RT			1	
SB6	161+89, 64' RT	Keep old base			
SB7	161+30, 54' RT	1			
SB8	161+00, 53' RT	1			
SB9	161+16, 4' LT			1	
SB10	161+3, 49' LT			1	
<b>TOTAL</b>		<b>3</b>	<b>2</b>	<b>4</b>	<b>1</b>

<u>ELECTRICAL SERVICE</u>		
CABINET NO.	** LOCATION	SPV.0105.296 INSTALL ELECTRICAL SERVICE METER BREAKER PEDESTAL L.S.
CB1	Mineral Point Road & Island Drive	1
<b>TOTAL</b>		<b>1</b>

60631225P	60631225P	60631225P
MISCELLANEOUS QUANTITIES: MINERAL POINT AND ISLAND DRIVE	CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C
BUS RAPID TRANSIT	CITY OF MADISON	
60631225P	MQ-23S	

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 LAST PLOT DATE: 9/28/2022

**TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE**

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0280 CABLE TRAFFIC SIGNAL 19-14 AWG L.F.	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED L.F.
CB1		SB1			40		40	40	
CB1		SB2		107					
CB1		SB3			165				
CB1		SB4				234			
CB1		SB5			294				
CB1		SB6			328				
CB1		SB7			224				
CB1		SB8			233				
CB1		SB9			146				
CB1		SB10			98		98	98	
SB1		SB2						102	
SB2		SB3						91	
SB3		SB4				111		111	
SB4		SB5						102	
SB5		SB6						66	
SB6		SB7						182	
SB7		SB8						56	
SB8		SB9						117	
SB9		SB10					109	109	
SB1		SB3					160		
SB1		HEAD 13	19						
SB1		HEAD 15	19						
SB1		HEAD 6A	15						
SB1		LUMINAIRE							126
SB2		HEAD 14	19						
SB2		HEAD 6B	15						
SB3		HEAD 6	19						
SB3		HEAD 8D	15						
SB3		LUMINAIRE							114
SB4		HEAD 4	19						
SB4		HEAD 5	41						
SB4		HEAD 9	19						
SB4		HEAD 18	19						
SB4		HEAD 8B	15						
SB4		HEAD 8C	15						
SB4		LUMINAIRE							252
SB5		HEAD 2	51						
SB5		HEAD 3	40						
SB5		HEAD 8A	15						
SB6		HEAD 12	19						
SB6		HEAD 16	19						
SB6		HEAD 2B	15						
SB7		HEAD 10	19						
SB7		HEAD 17	19						
SB7		HEAD 2A	15						
SB8		HEAD 1	19						
SB8		HEAD 4D	15						
SB9		HEAD 11	19						
SB9		HEAD 4B	15						
SB9		HEAD 4C	15						
SB9		LUMINAIRE							252
SB10		HEAD 7	48						
SB10		HEAD 8	39						
SB10		HEAD 4A	15						
SB10		LUMINAIRE							114
<b>TOTAL</b>			<b>646</b>	<b>107</b>	<b>1528</b>	<b>234</b>	<b>518</b>	<b>1074</b>	<b>858</b>


**TRAFFIC SIGNAL FACES**

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220	SPV.0060.224	SPV.0060.223	SPV.0060.225
		INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
1	SB8	1			1
2	SB5	1			1
3	SB5	1			1
4	SB4	1			1
5	SB4	1			1
6	SB3	1			1
7	SB10	1			1
8	SB10	1			1
9	SB4	1			1
10	SB7	1			1
11	SB9	1			1
12	SB6	1			1
13	SB1	1			1
14	SB2	1			1
15	SB1	1			1
16	SB6	1			1
17	SB7	1			1
18	SB4			1	1
2A	SB7		1		
2B	SB6		1		
4A	SB10		1		
4B	SB9		1		
4C	SB9		1		
4D	SB8		1		
6A	SB1		1		
6B	SB2		1		
8A	SB5		1		
8B	SB4		1		
8C	SB4		1		
8D	SB3		1		
<b>TOTAL</b>		<b>17</b>	<b>12</b>	<b>1</b>	<b>18</b>

**TRAFFIC SIGNAL CABINET**

** LOCATION	SPV.0060.229 INSTALL NEMA TS2 TYPE 1 TRAFFIC CONTROLLER CABINET EACH	SPV.0060.231 OPTICAL SIGNAL PREEMPT SYSTEM EACH	SPV.0105.255 INSTALL GRIDS SMART DETECTION SYSTEM LS
Mineral Point Road & Island Drive	1	1	1
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>1</b>

MISCELLANEOUS QUANTITIES: MINERAL POINT AND ISLAND DRIVE  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 Scale: NTS  
 Date: 10/26/2022  
 REVISION  
 Mark  
 Designed By: AECOM  
 90631225P



60631225P  
MQ-24S

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 LAST PLOT DATE: 10/26/2022  
 FILE NAME:



TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE		NO. OF TURNS	652.0900	SPV.0090.201	655.0800
			(FT)	X (FT)		LOOP DETECTOR SLOTS L.F.	LOOP DETECTOR LEAD-IN CABLE SPECIAL L.F.	LOOP DETECTOR WIRE L.F.
21	PB10	158+50, 19' RT	6	X 10	4	40	366	156
22	PB10	158+50, 29' RT	6	X 10	4	51	366	178
23	PB10	158+50, 40' RT	6	X 10	4	61	366	198
24	PB9	160+93, 8' RT	6	X 10	3	-	97	162
25	PB8	160+93, 31' RT	6	X 10	3	50	175	144
26	PB8	160+93, 41' RT	6	X 10	3	39	175	122
27	PB9	161+28, 9' RT	6	X 6	3	-	97	100
<hr/>								
31	PB4	162+22, 4' LT	6	X 10	3	42	160	128
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41	PB1	161+62, 89' LT	6	X 10	3	60	16	164
42	PB1	161+62, 73' LT	6	X 10	3	54	16	152
43	PB1	161+52, 88' LT	6	X 10	3	50	16	144
44	PB1	161+53, 72' LT	6	X 10	3	50	16	144
<hr/>								
61	PB5	164+61, 15' LT	6	X 10	5	41	404	190
62	PB5	164+61, 26' LT	6	X 10	5	52	404	212
63	PB5	164+61, 37' LT	6	X 10	5	63	404	234
64	PB4	162+22, 15' LT	6	X 10	3	52	160	148
65	PB3	162+23, 26' LT	6	X 10	3	51	106	146
66	PB3	162+23, 37' LT	6	X 10	3	40	106	124
67	PB4	161+92, 15' LT	6	X 6	3	53	160	142
<hr/>								
91	PB9	160+93, 19' RT	6	X 10	3	70	97	184
<hr/>								
TOTAL						919	3707	3172

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.210 INSTALL POLES 30-FOOT 7 GAUGE SINGLE MOUNT EACH	SPV.0060.211 INSTALL POLES 30-FOOT 7 GAUGE TWIN MOUNT EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.265 INSTALL TRAFFIC SIGNAL TROMBONE ARM 12-FOOT EACH	SPV.0060.218 INSTALL TRAFFIC SIGNAL TROMBONE ARM 22-FOOT EACH	SPV.0060.219 INSTALL TRAFFIC SIGNAL TROMBONE ARM 25-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH	SPV.0060.232 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE I EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH
SB1		1				1										
SB2	1						1									
SB3		1				1					1			1		
SB4		1			1			1			1					2
SB5		1	1							1	1					
SB6	1						1									
SB7	1						1									
SB8	1						1						1			
SB9		1			1								2			2
SB10		1		1				1					1	1		
CB1												1				
<hr/>																
TOTAL	4	6	1	1	2	2	4	1	1	1	3	1	4	2	1	4

Mark	REVISION	Date	Scale
Designed By: AECOM		9/25/2022	
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES: MINERAL POINT AND ISLAND DRIVE  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P  
 MQ-25S

C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 9/28/2022  
 FILE NAME:

ELECTRICAL SERVICE

SPV.0105.297 INSTALL ELECTRICAL SERVICE METER BREAKER PEDESTAL		
CABINET NO.	** LOCATION	L.S.
CB1	Mineral Point Road & Rosa Road	1
TOTAL		1

REMOVING TRAFFIC SIGNALS

SPV.0105.219 REMOVING TRAFFIC SIGNALS L.S.	
** LOCATION	L.S.
Mineral Point Road & Rosa Road	1
TOTAL	1

SIGNAL MOUNTING HARDWARE

SPV.0105.269 INSTALL SIGNAL MOUNTING HARDWARE L.S.	
** LOCATION	L.S.
Mineral Point Road & Rosa Road	1
TOTAL	1

REMOVING PULL BOXES

653.0905 REMOVING PULL BOXES		
PULL BOX NO.	LOCATION	EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
EXPB3	EXISTING	1
EXPB4	EXISTING	1
EXPB5	EXISTING	1
EXPB6	EXISTING	1
TOTAL		6

REMOVING CONCRETE BASES

204.0195 REMOVING CONCRETE BASES EACH		
SIGNAL BASE NO.	LOCATION	EACH
EXSB1	EXISTING	1
EXSB2	EXISTING	1
EXSB3	EXISTING	1
EXSB4	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
EXSB7	EXISTING	1
EXSB8	EXISTING	1
EXSB9	EXISTING	1
EXSB10	EXISTING	1
EXCB1	EXISTING	1
TOTAL		11

CONCRETE BASES

SPV.0060.204 SPV.0060.205 SPV.0060.206 SPV.0060.207					
SIGNAL BASE NO.	LOCATION	CONCRETE BASES TYPE G EACH	CONCRETE BASES TYPE LB-3 EACH	CONCRETE BASES TYPE LB-8 EACH	CONCRETE BASE TYPE P EACH
CB1	183+44, 87' LT				1
SB1	183+46, 70' LT	1			
SB2	183+77, 47' LT		1		
SB3	183+76, 9' RT			1	
SB4	183+76, 55' RT			1	
SB5	183+51, 74' RT		1		
SB6	182+83, 65' RT	1			
SB7	182+57, 55' RT	1			
SB8	182+70, 2' LT			1	
SB9	182+57, 48' LT			1	
SB10	182+96, 70' LT		1		
TOTAL		3	3	4	1

CONDUIT

		652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	652.0615 CONDUIT SPECIAL 3-INCH
LOC.	TO LOC.	LF	LF	LF
CB1	PB1		39	
PB1	SB1	6		
PB1	PB2		96	
PB2	SB2	5		
PB2	PB3			112
PB3	SB3	6		
PB3	PB4	247		
PB3	PB5			94
PB5	SB4	5		
PB5	PB6		86	
PB6	SB5	10		
PB6	PB7			108
PB7	SB6	21		
PB7	PB8		72	
PB8	SB7	16		
PB8	PB9	25		
PB8	PB10			110
PB10	SB8	5		
PB10	PB11	267		
PB10	PB12			96
PB12	SB9	19		
PB12	PB13		74	
PB13	SB10	5		
PB13	PB1			100
PB14	PB2	46		
TOTAL		683	367	620

PULL BOXES

		SPV.0060.202 INSTALL ELECTRICAL PULL BOX TYPE III EACH	SPV.0060.203 INSTALL ELECTRICAL PULL BOX TYPE V EACH
PULL BOX NO.	LOCATION	EACH	EACH
PB1	183+44, 76' LT		1
PB2	183+80, 47' LT		1
PB3	183+81, 9' RT		1
PB4	186+26, 3' LT	1	
PB5	183+79, 56' RT		1
PB6	183+48, 83' RT		1
PB7	182+93, 82' RT		1
PB8	182+73, 55' RT		1
PB9	182+48, 53' RT	1	
PB10	182+73, 1' RT		1
PB11	180+8, 11' RT	1	
PB12	182+75, 47' LT		1
PB13	182+96, 76' LT		1
PB14	184+26, 48' LT	1	
TOTAL		4	10

TEMPORARY TRAFFIC SIGNALS

SPV.0105.208 TEMPORARY TRAFFIC SIGNAL L.S.	
** LOCATION	L.S.
Mineral Point Road & Rosa Road	1
TOTAL	1

60631225P

MISCELLANEOUS QUANTITIES: MINERAL POINT AND ROSA ROAD



60631225P

MQ-26S

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG	655.0280 CABLE TRAFFIC SIGNAL 19-14 AWG	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED
			L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
CB1	SB1			46				46	
CB1	SB2				105		105		
CB1	SB3					177			
CB1	SB4				240				
CB1	SB5				302				
CB1	SB6			356					
CB1	SB7				303				
CB1	SB8				223				
CB1	SB9				174				
CB1	SB10				110		110		
SB1	SB2						105	98	
SB2	SB3							105	
SB3	SB4							97	
SB4	SB5							96	
SB5	SB6							124	
SB6	SB7							110	
SB7	SB8							115	
SB8	SB9						111	111	
SB9	SB10						101	101	
SB3	SB5						159		
SB1	HEAD 14		19						
SB1	HEAD 6B		15						
SB2	HEAD 6		19						
SB2	HEAD 8D		15						
SB2	LUMINAIRE								114
SB3	HEAD 4		19						
SB3	HEAD 5		41						
SB3	HEAD 9		19						
SB3	HEAD 18		19						
SB3	HEAD 8B		15						
SB3	HEAD 8C		15						
SB3	LUMINAIRE								252
SB4	HEAD 2		48						
SB4	HEAD 3		40						
SB4	HEAD 8A		15						
SB4	HEAD 2B		15						
SB5	HEAD 12		19						
SB5	HEAD 16		19						
SB5	LUMINAIRE								126
SB6	HEAD 17		19						
SB6	HEAD 2A		15						
SB7	HEAD 1		19						
SB7	HEAD 10		19						
SB7	HEAD 4D		15						
SB8	HEAD 11		19						
SB8	HEAD 4B		15						
SB8	HEAD 4C		15						
SB8	LUMINAIRE								252
SB9	HEAD 7		48						
SB9	HEAD 8		38						
SB9	HEAD 4A		15						
SB9	LUMINAIRE								114
SB10	HEAD 13		19						
SB10	HEAD 15		19						
SB10	HEAD 6A		15						
SB10	LUMINAIRE								126
<b>TOTAL</b>			<b>642</b>	<b>402</b>	<b>1457</b>	<b>177</b>	<b>691</b>	<b>1113</b>	<b>984</b>

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220	SPV.0060.223	SPV.0060.224	SPV.0060.225
		INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
1	SB7	1			1
2	SB4	1			1
3	SB4	1			1
4	SB3	1			1
5	SB3	1			1
6	SB2	1			1
7	SB9	1			1
8	SB9	1			1
9	SB3	1			1
10	SB7	1			1
11	SB8	1			1
12	SB5	1			1
13	SB10	1			1
14	SB1	1			1
15	SB10	1			1
16	SB5	1			1
17	SB6	1			1
18	SB3		1		1
2A	SB6			1	
2B	SB4			1	
4A	SB9			1	
4B	SB8			1	
4C	SB8			1	
4D	SB7			1	
6A	SB10			1	
6B	SB1			1	
8A	SB4			1	
8B	SB3			1	
8C	SB3			1	
8D	SB2			1	
<b>TOTAL</b>		<b>17</b>	<b>1</b>	<b>12</b>	<b>18</b>

Mark	REVISION	DATE	BY
Designed By: AECOM		10/26/2022	
60631225P			

MISCELLANEOUS QUANTITIES: MINERAL POINT AND ROSA ROAD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-27S

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE		NO. OF TURNS	652.0900	SPV.0090.201	655.0800
			(FT)	X (FT)		LOOP DETECTOR SLOTS L.F.	LOOP DETECTOR LEAD-IN CABLE SPECIAL L.F.	LOOP DETECTOR WIRE L.F.
21	PB11	180+7, 22' RT	6	X 10	5	40	419	188
22	PB11	180+7, 32' RT	6	X 10	5	50	419	208
23	PB11	180+7, 43' RT	6	X 10	5	61	419	230
24	PB10	182+48, 9' RT	6	X 10	3	-	153	162
25	PB9	182+48, 32' RT	6	X 10	4	51	232	178
26	PB9	182+48, 43' RT	6	X 10	4	40	232	156
27	PB10	182+80, 11' RT	6	X 6	3	-	153	100
<hr/>								
31	PB3	183+88, 4' LT	6	X 10	3	45	124	158
<hr/>								
41	PB13	183+19, 89' LT	6	X 10	3	57	70	138
42	PB13	183+19, 17' LT	6	X 10	3	54	70	132
43	PB13	183+9, 87' LT	6	X 10	3	47	70	156
44	PB13	183+9, 71' LT	6	X 10	3	56	70	108
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61	PB4	186+26, 14' LT	6	X 10	4	41	369	178
62	PB4	186+26, 24' LT	6	X 10	4	51	369	200
63	PB4	186+26, 35' LT	6	X 10	4	62	369	188
64	PB3	183+88, 14' LT	6	X 10	3	56	124	152
65	PB2	183+88, 25' LT	6	X 10	3	54	67	130
66	PB2	183+88, 36' LT	6	X 10	3	43	67	160
67	PB3	183+59, 14' LT	6	X 6	3	50	124	84
<hr/>								
81	PB6	183+24' 93' RT	6	X 10	3	58	211	152
82	PB6	183+24, 77' RT	6	X 10	3	54	211	136
83	PB6	183+36, 83' RT	6	X 10	3	46	211	128
84	PB6	183+36, 77' RT	6	X 10	3	42	211	108
<hr/>								
91	PB10	182+48, 21' RT	6	X 10	3	70	153	108
<hr/>								
TOTAL						1128	4917	3638

TRAFFIC SIGNAL CABINET

** LOCATION	SPV.0060.229 INSTALL NEMA TS2 TYPE 1 TRAFFIC CONTROLLER CABINET EACH	SPV.0060.231 OPTICAL SIGNAL PREEMPT SYSTEM EACH
Mineral Point Road & Rosa Road	1	1
TOTAL	1	1

INSTALL PTZ CAMERA

** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH
SB3	1
TOTAL	1

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P	Date: 9/28/2022	Scale: NTS	

MISCELLANEOUS QUANTITIES: MINERAL POINT AND ROSA ROAD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
MQ-28S

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.210 INSTALL POLES 30-FOOT 7 GAUGE SINGLE MOUNT EACH	SPV.0060.211 INSTALL POLES 30-FOOT 7 GAUGE TWIN MOUNT EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.265 INSTALL TRAFFIC SIGNAL TROMBONE ARM 12-FOOT EACH
SB1	1						1	
SB2		1					1	
SB3		1			1			1
SB4		1	1					
SB5		1					1	
SB6	1						1	
SB7	1						1	
SB8		1			1			
SB9		1		1				
SB10		1					1	
CB1								
TOTAL	3	7	1	1	2	3	3	1

TRAFFIC SIGNAL EQUIPMENT (CONTINUED)

SIG. BASE NO.	SPV.0060.218 INSTALL TRAFFIC SIGNAL TROMBONE ARM 22-FOOT EACH	SPV.0060.219 INSTALL TRAFFIC SIGNAL TROMBONE ARM 25-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH	SPV.0060.232 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE I EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH
SB1								
SB2			1			1		
SB3			1					2
SB4		1	1					
SB5							1	
SB6								
SB7					1			
SB8					2			2
SB9	1				1	1		
SB10							1	
CB1				1				
TOTAL	1	1	3	1	4	2	2	4

Mark	REVISION	DATE	BY
Designed By: AECOM	Date: 9/25/22	Scale: NTS	
60631225P			

MISCELLANEOUS QUANTITIES: MINERAL POINT AND ROSA ROAD  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: MINERAL POINT AND ROSA ROAD  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ-29S

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 LAST PLOT DATE - 9/28/2022



**ELECTRICAL SERVICE**

SPV.0105.298  
 INSTALL ELECTRICAL  
 SERVICE METER  
 BREAKER  
 PEDESTAL  
 L.S.

CABINET NO.	LOCATION	**
CB1	Whitney Way and Regent Street	1
TOTAL		1

**REMOVING TRAFFIC SIGNALS**

SPV.0105.221  
 REMOVING TRAFFIC  
 SIGNALS  
 L.S.

** LOCATION	L.S.	
Mineral Point Road & Regent Street	1	
TOTAL		1

**SIGNAL MOUNTING HARDWARE**

SPV.0105.270  
 INSTALL SIGNAL  
 MOUNTING  
 HARDWARE  
 L.S.

** LOCATION	L.S.	
Whitney Way and Regent Street	1	
TOTAL		1

**CONCRETE BASES**

SPV.0060.204 SPV.0060.205 SPV.0060.206 SPV.0060.207

SIGNAL BASE NO.	LOCATION	CONCRETE BASES TYPE G EACH	CONCRETE BASES TYPE LB-3 EACH	CONCRETE BASES TYPE LB-8 EACH	CONCRETE BASE TYPE P EACH
CB1	59+3, 49' RT				1
SB1	59+21, 51' RT	1			
SB2	59+34, 7' LT			1	
SB3	59+34, 53' LT			1	
SB4	59+45, 64' LT		1		
SB5	59+81, 75' LT	1			
SB6	60+14, 72' LT		1		
SB7	60+37, 53' LT	1			
SB8	60+37, 4' RT			1	
SB9	60+37, 50' RT			1	
SB10	60+16, 67' RT		1		
SB11	59+81, 59' RT	1			
SB12	59+46, 60' RT		1		
TOTAL		4	4	4	1

**CONDUIT**

LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
CB1		PB1	164		
CB1		PB2		54	
PB2		PB4			110
PB2		PB3	9		
PB2		SB1	4		
PB4		SB2	4		
PB4		SB13	182		
PB4		PB5			98
PB5		SB3	16		
PB5		PB6		72	
PB6		SB4	13		
PB6		PB7			74
PB7		SB5	4		
PB7		PB8			68
PB8		SB6	4		
PB8		PB9		84	
PB9		SB7	9		
PB9		PB10	179		
PB9		PB11			118
PB11		SB8	9		
PB11		PB12			86
PB12		SB9	7		
PB12		PB13		76	
PB13		SB10	4		
PB13		PB14	13		
PB13		PB15			68
PB15		SB11	11		
PB15		PB16			74
PB16		SB12	11		
PB16		PB2		66	
TOTAL			643	352	696

**PULL BOXES**

PULL BOX NO.	LOCATION	SPV.0060.202 ELECTRICAL PULL BOX TYPE III EACH	SPV.0060.203 ELECTRICAL PULL BOX TYPE V EACH
PB1	57+40, 50' RT	1	
PB2	59+20, 48' RT		1
PB3	59+12, 48' RT	1	
PB4	59+36, 5' LT		1
PB5	59+19, 52' LT		1
PB6	59+44, 76' LT		1
PB7	59+81, 77' LT		1
PB8	60+14, 77' LT		1
PB9	60+45, 52' LT		1
PB10	61+17, 52' LT	1	
PB11	60+45, 7' RT		1
PB12	60+45, 48' RT		1
PB13	60+14, 70' RT		1
PB14	60+14, 82' RT	1	
PB15	59+81, 70' RT		1
PB16	59+45, 69' RT		1
TOTAL		4	12

**TEMPORARY TRAFFIC SIGNALS**

** LOCATION	SPV.0105.210 TEMPORARY TRAFFIC SIGNAL L.S.	
Whitney Way & Regent Street	1	
TOTAL		1

**REMOVING PULL BOXES**

PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
EXPB3	EXISTING	1
EXPB4	EXISTING	1
TOTAL		4

**REMOVING CONCRETE BASES**

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB1	EXISTING	1
EXSB2	EXISTING	1
EXSB3	EXISTING	1
EXSB4	EXISTING	1
EXSB5	EXISTING	1
EXSB6	EXISTING	1
EXSB7	EXISTING	1
EXSB8	EXISTING	1
EXSB9	EXISTING	1
EXSB10	EXISTING	1
EXSB11	EXISTING	1
EXCB1	EXISTING	1
TOTAL		12

Mark	REVISION	DATE
Designed By: ACCOM	Date: 9/25/2022	Scale: NTS
60631225P		

MISCELLANEOUS QUANTITIES: WHITNEY WAY AND REGENT STREET  
 BUS RAPID TRANSIT  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P  
 MQ-30S

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 LAST PLOT DATE: 9/28/2022  
 FILE NAME:

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG L.F.	655.0280 CABLE TRAFFIC SIGNAL 19-14 AWG L.F.	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED L.F.
CB1		SB1			50				50	
CB1		SB2				121		121		
CB1		SB3			181					
CB1		SB4		247						
CB1		SB5		288						
CB1		SB6		337						
CB1		SB7			386					
CB1		SB8				310				
CB1		SB9			252					
CB1		SB10		198						
CB1		SB11		157						
CB1		SB12			104		104	104		
SB1		SB2						103		
SB2		SB3						79		
SB3		SB4						105		
SB5		SB5						95		
SB5		SB6						84		
SB6		SB7						95		
SB7		SB8						117		
SB8		SB9						97		
SB9		SB10						92		
SB10		SB11						90		
SB11		SB12						98		
SB2		SB13					130			
SB13		SB4						335		
SB4		SB6						145		
SB12		SB10						146		
SB10		SB8					153			
SB1		HEAD 1	19							
SB1		HEAD 4D	15							
SB2		HEAD 7	19							
SB2		HEAD 11	19							
SB2		HEAD 4B	15							
SB2		HEAD 3C	15							
SB2		LUMINAIRE							252	
SB3		HEAD 8	45							
SB3		HEAD 4A	15							
SB4		HEAD 15	19							
SB4		HEAD 6A	15							
SB4		LUMINAIRE							126	
SB5		HEAD 13	19							
SB6		HEAD 14	19							
SB6		HEAD 6B	15							
SB6		LUMINAIRE							126	
SB7		HEAD 4	19							
SB7		HEAD 6	19							
SB7		HEAD 8D	15							
SB8		HEAD 2	19							
SB8		HEAD 5	19							
SB8		HEAD 9	19							
SB8		HEAD 18	26							
SB8		HEAD 8B	15							
SB8		HEAD 8C	15							
SB8		LUMINAIRE							126	
SB9		HEAD 3	47							
SB9		HEAD 8A	15							
SB10		HEAD 12	19							
SB10		HEAD 2B	15							
SB10		LUMINAIRE							126	
SB11		HEAD 16	19							
SB12		HEAD 10	19							
SB12		HEAD 17	19							
SB12		HEAD 2A	15							
SB12		LUMINAIRE							126	
<b>TOTAL</b>			<b>583</b>	<b>1227</b>	<b>973</b>	<b>121</b>	<b>310</b>	<b>1134</b>	<b>1209</b>	<b>882</b>

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.223 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
1	SB1	1			1
2	SB8	1			1
3	SB9	1			1
4	SB7	1			1
5	SB8	1			1
6	SB7	1			1
7	SB2	1			1
8	SB3	1			1
9	SB8	1			1
10	SB12	1			1
11	SB2	1			1
12	SB10	1			1
13	SB5	1			1
14	SB6	1			1
15	SB4	1			1
16	SB11	1			1
17	SB12	1			1
18	SB8		1		1
2A	SB12			1	
2B	SB10			1	
4A	SB3			1	
4B	SB2			1	
4C	SB2			1	
4D	SB1			1	
6A	SB4			1	
6B	SB6			1	
8A	SB9			1	
8B	SB8			1	
8C	SB8			1	
8D	SB7			1	
<b>TOTAL</b>		<b>17</b>	<b>1</b>	<b>12</b>	<b>18</b>

TRAFFIC SIGNAL CABINET

** LOCATION	SPV.0060.229 INSTALL NEMA TS2 TYPE 1 TRAFFIC CONTROLLER CABINET EACH	SPV.0060.231 OPTICAL SIGNAL PREEMPT SYSTEM EACH
Whitney Way & Regent Street	1	1
<b>TOTAL</b>	<b>1</b>	<b>1</b>

INSTALL PTZ CAMERA

** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH
SB8	1
<b>TOTAL</b>	<b>1</b>

BY	
DATE	
Scale: NTS	
REVISION	Date: 10/26/2022
Mark	Designed By: AECOM
	90631225P

MISCELLANEOUS QUANTITIES: WHITNEY WAY AND REGENT STREET  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ-31S

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE		NO. OF TURNS	652.0900 LOOP DETECTOR		SPV.0090.201 LOOP DETECTOR		655.0800 LOOP DETECTOR		SPV.0090.209 SAWED IN BICYCLE LOOP DETECTION	
			(FT)	X (FT)		SLOTS L.F.	LEAD-IN CABLE SPECIAL L.F.	WIRE L.F.	L.F.				
21	PB1	57+40, 19' RT	6	X 10	3	60	171	164	-	-	-	-	-
22	PB1	57+40, 29' RT	6	X 10	3	47	171	138	-	-	-	-	-
23	PB3	59+11, 6' RT	6	X 10	3	-	33	188	-	-	-	-	-
24	PB3	59+11, 28' RT	6	X 10	3	50	33	144	-	-	-	-	-
25	PB4	59+50, 7' RT	6	X 6	3	-	80	108	-	-	-	-	-
201	PB1	57+40, 42' RT	6	X 3	3	-	-	-	-	-	-	23	-
202	PB3	59+12, 40' RT	6	X 3	3	-	-	-	-	-	-	25	-
31	PB11	60+49, 8' LT	6	X 10	3	45	206	134	-	-	-	-	-
41	PB6	59+67, 100' LT	6	X 10	3	66	168	176	-	-	-	-	-
42	PB6	59+67, 84' LT	6	X 10	3	53	168	150	-	-	-	-	-
43	PB6	59+56, 100' LT	6	X 10	3	56	168	156	-	-	-	-	-
44	PB6	59+56, 84' LT	6	X 10	3	43	168	130	-	-	-	-	-
61	PB10	62+16, 14' LT	6	X 10	5	67	439	242	-	-	-	-	-
62	PB10	62+16, 30' LT	6	X 10	5	52	439	212	-	-	-	-	-
63	PB11	60+49, 19' LT	6	X 10	3	57	208	158	-	-	-	-	-
64	PB11	60+49, 31' LT	6	X 10	3	68	208	180	-	-	-	-	-
65	PB11	60+20, 19' LT	6	X 6	4	54	208	168	-	-	-	-	-
601	PB10	62+17, 43' LT	6	X 3	3	-	-	-	-	-	-	27	-
602	PB9	60+49, 43' LT	6	X 3	3	-	-	-	-	-	-	27	-
81	PB14	59+96, 87' RT	6	X 10	3	50	141	144	-	-	-	-	-
82	PB14	59+96, 71' RT	6	X 10	3	49	141	142	-	-	-	-	-
83	PB14	60+6, 87' RT	6	X 10	3	39	141	122	-	-	-	-	-
84	PB14	60+6, 71' RT	6	X 10	3	39	141	122	-	-	-	-	-
91	PB3	59+11, 17' RT	6	X 10	3	59	33	162	-	-	-	-	-
TOTAL						954	3465	3140	102				

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.211 INSTALL POLES 30-FOOT 7 GAUGE TWIN MOUNT EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.217 INSTALL TRAFFIC SIGNAL TROMBONE ARM 20-FOOT EACH	SPV.0060.218 INSTALL TRAFFIC SIGNAL TROMBONE ARM 22-FOOT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH													
SB1	1					1					1															
SB2		1		1							2		2													
SB3		1	1				1				1															
SB4		1			1							1														
SB5	1					1																				
SB6		1			1							1														
SB7	1					1			1																	
SB8		1		1					1				2													
SB9		1	1					1	1																	
SB10		1			1							1														
SB11	1					1																				
SB12		1			1							1														
CB1										1																
TOTAL														4	8	2	2	4	4	1	1	3	1	4	4	4

Mark	REVISION	DATE
Designed By: AECOM	Date: 10/12/22	Scale: NTS
60631225P		

MISCELLANEOUS QUANTITIES: WHITNEY WAY AND REGENT STREET  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 MQ-32S


C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 10/12/2022

CONDUIT					
		652.0225	652.0235	652.0615	
		Conduit Rigid Nonmetallic Schedule 40 2- Inch	Conduit Rigid Nonmetallic Schedule 40 3- Inch	Conduit Special 3-Inch	
LOC.	TO	LOC. LF	LF	LF	
CB1	PB1		24		
PB1	PB2	172			
PB1	PB3			106	
PB3	SB2	4			
PB3	PB4			92	
PB4	SB3	10			
PB4	PB5		66		
PB5	SB4	14			
PB4	PB6			162	
PB6	SB5	11			
PB6	PB7		38		
PB7	SB6	4			
PB7	PB8	226			
PB7	PB9			108	
PB9	SB7	9			
PB9	PB10			92	
PB10	SB8	9			
PB10	PB12		96		
PB12	SB9	15			
PB12	SB10	11			
PB12	PB11		56		
PB11	SB1	14			
PB11	CB1		96		
TOTAL		499	376	560	

CONCRETE BASES				
SPV.0060.204 SPV.0060.205 SPV.0060.206 SPV.0060.207				
SIGNAL BASE NO.	Concrete Bases Type G EACH	Concrete Bases Type LB-3 EACH	Concrete Bases Type LB-8 EACH	Concrete Bases Type P EACH
CB1				1
SB1	1			
SB2			1	
SB3			1	
SB4	1			
SB5		1		
SB6	1			
SB7			1	
SB8			1	
SB9	1			
SB10	1			
TOTAL	5	1	4	1

PULL BOXES		
SPV.0060.202 SPV.0060.203		
PULL BOX NO.	Install Electrical Pull Box Type III EACH	Install Electrical Pull Box Type V EACH
PB1		1
PB2	1	
PB3		1
PB4		1
PB5		1
PB6		1
PB7		1
PB8	1	
PB9		1
PB10		1
PB11		1
PB12		1
TOTAL	2	10

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE									
		655.0230	655.0240	655.0260	655.0270	655.0325	655.0515	SPV.0090.202	
		Cable Traffic Signal 5-14 AWG	Cable Traffic Signal 7-14 AWG	Cable Traffic Signal 12- 14 AWG	Cable Traffic Signal 15- 14 AWG	Cable Type UF 2-8 AWG Grounded	Electrical Wire Traffic Signals 10 AWG	Electrical Wire Lighting 14-3 UF Grounded	
LOC.	TO	LOC. LF	LF	LF	LF	LF	LF	LF	
CB1		SB1					75		
CB1		SB2				107	107		
CB1		SB3						177	
CB1		SB4						228	
CB1		SB5	274						
CB1		SB6						289	
CB1		SB7				224			
CB1		SB8			158				
CB1		SB9	120						
CB1		SB10	116						
SB2		SB3						101	
SB3		SB4						97	
SB4		SB5						179	
SB5		SB6						79	
SB6		SB7						106	
SB7		SB8						101	
SB8		SB9						110	
SB9		SB10						51	
SB10		CB1						112	
SB2		SB5				208			
SB5		SB7				159			
SB1		HEAD 4	19						
SB1		HEAD 4D	15						
SB2		HEAD 2	41						
SB2		HEAD 7	19						
SB2		HEAD 4B	15						
SB2		HEAD 4C	15						
SB2		LUMINAIRE						252	
SB3		HEAD 3	41						
SB3		HEAD 4A	15						
SB4		HEAD 9	19						
SB4		HEAD 6B	15						
SB5		HEAD 6A	15						
SB5		LUMINAIRE						126	
SB6		HEAD 1	19						
SB6		HEAD 8D	15						
SB7		HEAD 5	41						
SB7		HEAD 8	19						
SB7		HEAD 8B	15						
SB7		HEAD 8C	15						
SB7		LUMINAIRE						252	
SB8		HEAD 6	41						
SB8		HEAD 8A	15						
SB9		HEAD 10	19						
SB10		HEAD 11	19						
TOTAL			409	510	926	331	474	1118	630

60631225P	MISCELLANEOUS QUANTITIES: WHITNEY WAY AT SHEBOYGAN AVE
CITY OF MADISON	CITY OF MADISON, DANE COUNTY, WI
60631225C	CONTRACT NO: 60631225C
60631225P	BUS RAPID TRANSIT
	CITY OF MADISON
60631225P	MQ-33S

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOEM RUN PB	FT	SIZE		NO. OF TURNS	Loop		Sawed in Bicycle Loop Detection
			X	FT		Detector Slots LF	Loop Detector Wire LF	
21	PB2	6	X	10	5	50	262	187
22	PB1	6	X	10	5	50	262	16
41	PB5	6	X	10	4	53	224	149
42	PB5	6	X	10	4	47	200	149
43	PB9	6	X	10	4	40	172	165
401	PB5	6	X	3	3			23
51	PB3	6	X	10	5	56	292	70
52	PB3	6	X	10	5	42	222	70
61	PB8	6	X	10	5	58	302	445
62	PB8	6	X	10	5	47	247	445
63	PB7	6	X	10	5	60	312	220
64	PB7	6	X	10	5	49	257	220
601	PB8	6	X	3	3			27
602	PB7	6	X	3	3			30
<b>TOTAL</b>					552	2752	2136	80

652.0900 655.0800 SPV.0090.201 SPV.0090.209

TRAFFIC SIGNAL FACES

SIGNAL HEAD NO.	SIGNAL BASE NO.	Install Traffic		Install Traffic		Install Traffic		Install Traffic	
		Signal Heads 12-Inch 3-Section EACH	Signal Heads 12-Inch 4-Section EACH	Signal Heads 16-Inch Pedestrian With Countdown EACH	Signal Face 3-Section 12-Inch EACH	Signal Face 4-Section 12-Inch EACH	Signal Face 4-Section 12-Inch EACH	Signal Face 4-Section 12-Inch EACH	
1	SB6	1					1		
2	SB2	1					1		
3	SB3	1					1		
4	SB1	1					1		
5	SB7	1					1		
6	SB8	1					1		
7	SB2		1						1
8	SB7		1						1
9	SB4	1					1		
10	SB9	1					1		
11	SB10	1					1		
4A	SB3			1					
4B	SB2			1					
4C	SB2			1					
4D	SB1			1					
6A	SB5			1					
6B	SB4			1					
8A	SB8			1					
8B	SB7			1					
8C	SB7			1					
8D	SB6			1					
<b>TOTAL</b>		9	2	10	9	2			

SPV.0060.220 SPV.0060.221 SPV.0060.224 SPV.0060.225 SPV.0060.226

TRAFFIC SIGNAL EQUIPMENT

SIGNAL BASE NO.	Install Pedestal Bases EACH	Install Transformer 11 1/2-Inch Bolt Circle EACH	Install Traffic Signal Standards Aluminum 13-FT EACH	Install Pole 20-Foot 7 Gauge EACH	Install Pole 30-Foot 7 Gauge Twin Mount EACH	Install Pole 30-Foot 11 Gauge Single Mount EACH	Install Traffic Signal Trombone Arm 15-Foot EACH	Install Traffic Signal Trombone Arm 25-Foot EACH	Install Pedestrian Push Buttons EACH	Install LED Luminaire and Mounting Bracket Type II EACH	Install LED Luminaire and Mounting Bracket Type III EACH	Install EVP Detector EACH
SB1	1		1						1			
SB2		1			1		1		1		2	
SB3		1		1			1		1			1
SB4	1		1						1			
SB5		1				1			1	1		
SB6	1		1						1			
SB7		1			1			1	2		2	
SB8		1		1			1		1			1
SB9	1		1									
SB10	1		1									1
<b>TOTAL</b>												
	5	5	5	2	2	1	3	1	9	1	4	3

Mark	REVISION	DATE
Designed By: TSI	Date: 10/17/2022	Scale: NTS

MISCELLANEOUS QUANTITIES: WHITNEY WAY AT SHEBOYGAN AVE  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
 MQ-34S



**TRAFFIC SIGNAL CABINET**

SPV.0060.229 SPV.0060.231

Install NEMA  
 TS2 Type 1  
 Traffic      Optical Signal  
 Controller      Preempt  
 Cabinet      System

LOCATION	EACH	EACH
WHITNEY WAY AT SHEBOYGAN AVE	1	1

**SIGNAL MOUNTING HARDWARE**

SPV.0105.271

Install Signal  
 Mounting  
 Hardware  
 (Sheboygan)

LOCATION	L.S.
WHITNEY WAY AT SHEBOYGAN AVE	1

**ELECTRICAL SERVICE**

SPV.0105.299

Install Electrical  
 Service Meter  
 Breaker  
 Pedestal  
 (Sheboygan)

CABINET NO.	LOCATION	L.S.
CB1	WHITNEY WAY AT SHEBOYGAN AVE	1

Mark	REVISION	DATE	BY
Designed By: TSI	Date:	Scale: NTS	
60631225P	10/16/2022		

60631225P  
 MISCELLANEOUS QUANTITIES: WHITNEY WAY AT SHEBOYGAN AVE  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
**CITY OF MADISON**



60631225P

MQ-35S

**CONDUIT**

LOC.	TO	LOC.	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch LF	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch LF	652.0615 Conduit Special 3- Inch LF
CB1		PB1		45	
CB1		PB2	242		
PB1		SB1	20		
PB1		PB3			118
PB3		PB4	24		
PB3		SB2	7		
PB3		PB5			114
PB5		SB3	4		
PB5		SB4	28		
PB5		PB6			186
PB6		SB5	17		
PB6		SB6	8		
PB6		PB7	219		
PB6		PB8			116
PB8		SB7	5		
PB8		PB9			84
PB9		SB8	8		
PB9		PB10		58	
PB10		SB9	24		
PB10		PB11		80	
PB10		PB12			124
PB12		SB10	17		
PB12		PB1		38	
<b>TOTAL</b>			<b>623</b>	<b>221</b>	<b>742</b>

**PULL BOXES**

SPV.0060.202		SPV.0060.203	
PULL BOX NO.	Install Electrical Pull Box Type III EACH	Install Electrical Pull Box Type V EACH	
PB1		1	
PB2	1		
PB3		1	
PB4		1	
PB5		1	
PB6		1	
PB7	1		
PB8		1	
PB9		1	
PB10		1	
PB11		1	
PB12		1	
<b>TOTAL</b>	<b>2</b>	<b>10</b>	

**CONCRETE BASES**

SPV.0060.204		SPV.0060.206		SPV.0060.207	
SIGNAL BASE NO.	Concrete Bases Type G EACH	Concrete Bases Type LB-8 EACH	Concrete Bases Type P EACH		
CB1			1		
SB1	1				
SB2		1			
SB3		1			
SB4	1				
SB5	1				
SB6		1			
SB7		1			
SB8		1			
SB9	1				
SB10		1			
<b>TOTAL</b>	<b>4</b>	<b>6</b>	<b>1</b>		

Mark	REVISION	DATE	BY
Designed By: TSI	Date:	10/17/2022	Scale: NTS

60631225P  
 MISCELLANEOUS QUANTITIES: SHEBOYGAN AVE AT SEGOE RD  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
**CITY OF MADISON**



60631225P

MQ-36S

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

655.0230 655.0240 655.0260 655.0270 655.0280 655.0325 655.0515 SPV.0090.202

LOC.	TO	LOC.	Cable Traffic					Cable Type	Electrical	Electrical
			Signal 5-14	Signal 7-14	Signal 12-14	Signal 15-14	Signal 19-14	UF 2-8 AWG	Wire Traffic	Wire
			AWG LF	AWG LF	AWG LF	AWG LF	AWG LF	Grounded LF	Signals 10 LF	Lighting 14-3 UF Grounded LF
CB1		SB1			63				63	
CB1		SB2					124	124		
CB1		SB3			194					
CB1		SB4						218		
CB1		SB5		316						
CB1		SB6				306				
CB1		SB7			262					
CB1		SB8			207					
CB1		SB9					180			
CB1		SB10			94		94	94		
SB1		SB2						127		
SB2		SB3						109		
SB3		SB4						57		
SB4		SB5						179		
SB5		SB6						51		
SB6		SB7						111		
SB7		SB8						94		
SB8		SB9						101		
SB9		SB10						143		
SB2		SB7					257			
SB7		SB10					228			
SB1		HEAD 6	19							
SB1		HEAD 4D	15							
SB2		HEAD 2	41							
SB2		HEAD 5	19							
SB2		HEAD 4B	15							
SB2		HEAD 4C	15							
SB2		LUMINAIRE							252	
SB3		HEAD3	41							
SB3		HEAD 4A	15							
SB4		HEAD 10	19							
SB4		HEAD 12	19							
SB4		HEAD 6B	15							
SB5		HRAD 6A	15							
SB6		HEAD 1	19							
SB6		HEAD 11	41							
SB6		HEAD 3B	15							
SB7		HEAD 4	19							
SB7		HEAD 7	41							
SB7		LUMINAIRE							252	
SB8		HEAD 8	41							
SB8		HEAD 3A	15							
SB9		HEAD 9	19							
SB9		HEAD 13	19							
SB9		HEAD 2B	15							
SB10		HEAD 14	41							
SB10		HEAD 2A	15							
SB10		LUMINAIRE							114	
TOTAL			548	316	819	306	521	703	1128	618

TRAFFIC DETECTOR LOOPS

652.0900 655.0800 SPV.0090.201

LOOP NO.	HOEM RUN PB	FT	SIZE		NO. OF TURNS	Loop Detector	Loop Detector	Loop Detector
			X	FT		Slots LF	Wire LF	Lead In Cable LF
11	PB8	6	X	10	5	54	282	176
12	PB8	6	X	10	5	50	262	176
21	PB2	6	X	10	5	68	352	251
22	PB2	6	X	10	5	56	292	251
23	PB2	6	X	10	5	46	242	251
24	PB4	6	X	10	5	40	212	108
25	PB4	6	X	10	5	51	267	108
31	PB11	6	X	10	4	53	224	147
32	PB11	6	X	10	4	53	224	147
33	PB11	6	X	10	4	42	180	147
34	PB11	6	X	10	4	43	184	147
61	PB7	6	X	10	5	59	307	453
62	PB7	6	X	10	5	49	257	453
63	PB6	6	X	10	5	62	322	234
64	pb6	6	X	10	5	52	272	234
TOTAL						778	3879	3283

MISCELLANEOUS QUANTITIES: SHEBOYGAN AVE AT SEGOE RD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
MQ-37S

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 FILE NAME:

**TRAFFIC SIGNAL FACES**

SIGNAL HEAD NO.	SIGNAL BASE NO.	12-Inch 3-Section EACH	12-Inch 4-Section EACH	12-Inch 5-Section EACH	With Countdown EACH	Signal Face 3-Section 12-Inch EACH	Signal Face 4-Section 12-Inch EACH	Signal Face 5-Section 12-Inch EACH
1	SB6	1				1		
2	SB2	1				1		
3	SB3	1				1		
4	SB7		1				1	
5	SB2		1				1	
6	SB1			1				1
7	SB7	1				1		
8	SB8			1				1
9	SB9	1				1		
10	SB4		1				1	
11	SB6		1				1	
12	SB4	1				1		
13	SB9		1				1	
14	SB10		1				1	
2A	SB10				1			
2B	SB9				1			
4A	SB3				1			
4B	SB2				1			
4C	SB2				1			
4D	SB1				1			
6A	SB5				1			
6B	SB4				1			
3A	SB8				1			
3B	SB6				1			
<b>TOTAL</b>		<b>6</b>	<b>6</b>	<b>2</b>	<b>10</b>	<b>6</b>	<b>6</b>	<b>2</b>

**TRAFFIC SIGNAL CABINET**

LOCATION	SPV.0060.229 Install NEMA TS2 Type 1 Traffic Controller Cabinet EACH	SPV.0060.231 Optical Signal Preempt System EACH
SHEBOYGAN AVE AT SEGOE RD	1	1

**SIGNAL MOUNTING HARDWARE**

LOCATION	SPV.0105.272 Install Signal Mounting Hardware (Segoe) L.S.
SHEBOYGAN AVE AT SEGOE RD	1

**ELECTRICAL SERVICE**

CABINET NO.	LOCATION	SPV.0105.2000 Install Electrical Service Meter Breaker Pedestal (Segoe) L.S.
CB1	SHEBOYGAN AVE AT SEGOE RD	1

**TRAFFIC SIGNAL EQUIPMENT**

SIGNAL BASE NO.	SPV.0060.274 Install Transformer Pedestal Bases EACH	SPV.0060.277 Install Traffic Signal Standards Aluminum 13- FT EACH	SPV.0060.209 Install Pole 20-Foot 7 Gauge EACH	SPV.0060.210 Install Pole 30-Foot 7 Gauge Single Mount EACH	SPV.0060.211 Install Pole 30-Foot 7 Gauge Twin Mount EACH	SPV.0060.216 Install Traffic Signal Trombone Arm 15-Foot EACH	SPV.0060.279 Install Pedestrian Push Buttons EACH	SPV.0060.232 Luminaire and Mounting Bracket Type I EACH	SPV.0060.234 Install LED Luminaire and Mounting Bracket Type III EACH	SPV.0060.267 Install EVP Detector EACH
SB1	1	1					1			
SB2		1			1	1	1	2		
SB3		1	1			1	1			1
SB4	1		1				1			
SB5	1		1				1			
SB6		1	1			1	1			1
SB7		1			1	1		2		
SB8		1	1			1	1			1
SB9	1		1				1			
SB10		1		1		1	1	1		
<b>TOTAL</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>9</b>	<b>4</b>	<b>3</b>

Mark	REVISION	DATE
Designed By: TSI	Date: 10/17/2022	Scale: NTS

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES: SHEBOYGAN AVE AT SEGOE RD  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-38S

REMOVING TRAFFIC SIGNALS

** LOCATION	SPV.0105.222 REMOVING TRAFFIC SIGNALS L.S.
University Avenue & Midvale Boulevard	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC SIGNAL CABINET

** LOCATION	SPV.0060.259 SALVAGE AND REINSTALL MICROWAVE DETECTOR EACH	SPV.0060.260 SALVAGE AND REINSTALL EVP DETECTOR EACH	SPV.0060.261 SALVAGE AND REINSTALL VIDEO DETECTION CAMERA EACH	SPV.0060.266 SALVAGE AND REINSTALL PTZ CAMERA EACH
University Avenue & Midvale Boulevard	2	2	2	1
<b>TOTAL</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>

PULL BOXES

PULL BOX NO.	LOCATION	SPV.0060.202 INSTALL ELECTRICAL PULL BOX TYPE III EACH	SPV.0060.203 INSTALL ELECTRICAL PULL BOX TYPE V EACH
PB4	312+15, 70' RT	1	
PB5	314+82, 3' LT		1
PB15	315+99, 90' RT		1
<b>TOTAL</b>		<b>1</b>	<b>2</b>

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.222 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 5-SECTION EACH	SPV.0060.223 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH	SPV.0060.227 INSTALL BACKPLATES SIGNAL FACES 5-SECTION 12-INCH EACH
1	SB2		1				1
2	SB11		1				1
3	SB11	1				1	
4	SB11	1				1	
5	SB9			1		1	
6	SB3	1				1	
7	SB8	1				1	
8	SB9	1				1	
10	SB4	1				1	
11	SB4	1				1	
13	SB2	1				1	
14	SB3	1				1	
15	SB3	1				1	
19	SB12	1				1	
20	SB13	1				1	
1A	SB13				1		
1B	SB12				1		
1C	SB11				1		
1D	SB2				1		
3A	SB4				1		
3B	SB3				1		
3C	SB3				1		
3D	SB2				1		
4D	SB11				1		
<b>TOTAL</b>		<b>12</b>	<b>2</b>	<b>1</b>	<b>9</b>	<b>13</b>	<b>2</b>

CONDUIT

LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
PB3	SB2		4		
PB3	PB4		249		
PB3	PB5				166
PB5	SB3		5		
PB5	PB6				104
PB6	SB4			18	
PB16	SB13		21		
PB16	PB15				58
PB15	SB11			19	
PB15	SB12		5		
<b>TOTAL</b>			<b>284</b>	<b>37</b>	<b>328</b>

CONCRETE BASES

SIGNAL BASE NO.	LOCATION	654.0120 CONCRETE BASES TYPE 10 SPECIAL EACH	SPV.0060.204 CONCRETE BASES TYPE G EACH	SPV.0060.205 CONCRETE BASES TYPE LB-3 EACH	SPV.0060.206 CONCRETE BASES TYPE LB-8 EACH
SB2	314+66, 75' RT			1	
SB3	314+79, 5' LT				1
SB4	314+66, 53' LT	1			
SB11	316+01, 71' RT	1			
SB12	315+97, 86' RT			1	
SB13	316+24, 94' RT		1		
<b>TOTAL</b>		<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>

Mark	REVISION	Date	Scale
Designed By: AECCOM		10/11/2022	N/T'S
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES: UNIVERSITY AVE AND MIDVALE BLVD  
 BUS RAPID TRANSIT  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P  
 MQ-39S

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**TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE**

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG L.F.	655.0325 CABLE TYPE UF 2-8 AWG GROUNDED L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.	SPV.0090.202 ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED L.F.
CB1		SB2				145			
CB1		SB3				243			
CB1		SB4			322				
CB1		SB9			304				
CB1		SB11				254			
CB1		SB12		240			240		
CB1		SB13		208					
SB1		SB2					122	122	
SB2		SB3						131	
SB3		SB4						112	
SB4		SB5					114	114	
SB10		SB13						173	
SB13		SB11						112	
SB11		SB12						48	
SB12		SB14						208	
CB1		SB1					94		
SB9		SB12					210		
SB2		SB4					209		
SB2		HEAD 1		23					
SB2		HEAD 13	21						
SB2		HEAD 1D	15						
SB2		HEAD 3D	15						
SB2		LUMINAIRE						105	
SB3		HEAD 6	42						
SB3		HEAD 14	46						
SB3		HEAD 15	37						
SB3		HEAD 3B	15						
SB3		HEAD 3C	15						
SB4		HEAD 10	47						
SB4		HEAD 11	59						
SB4		HEAD 3A	15						
SB4		LUMINAIRE						105	
SB8		HEAD 7	21						
SB9		HEAD 5	21						
SB9		HEAD 8	21						
SB11		HEAD 2		28					
SB11		HEAD 3	47						
SB11		HEAD 4	59						
SB11		HEAD 1C	15						
SB11		HEAD 4D	15						
SB12		HEAD 19	21						
SB12		HEAD 1B	15						
SB12		LUMINAIRE						105	
SB13		HEAD 20	19						
SB13		HEAD 1A	15						
TOTAL			596	499	626	642	989	1020	315

**TEMPORARY TRAFFIC SIGNALS**

** LOCATION	SPV.0105.211 TEMPORARY TRAFFIC SIGNAL L.S.
University Avenue & Midvale Boulevard	1
TOTAL	1

**REMOVING CONCRETE BASES**

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
SB2	EXISTING	1
SB3	EXISTING	1
SB4	EXISTING	1
SB5	EXISTING	1
SB12	EXISTING	1
SB13	EXISTING	1
SB14	EXISTING	1
TOTAL		7

**SIGNAL MOUNTING HARDWARE**

** LOCATION	SPV.0105.273 INSTALL SIGNAL MOUNTING HARDWARE L.S.
University Avenue & Midvale Boulevard	1
TOTAL	1

**INSTALL CONDUIT INTO EXISTING ITEM**

PULL BOX NO.	LOCATION	652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB3	EXISTING	1
PB6	EXISTING	1
PB16	EXISTING	1
TOTAL		3

**REMOVING PULL BOXES**

PULL BOX NO.	LOCATION	653.0905 REMOVING PULL BOXES EACH
EXPB1	EXISTING	1
EXPB2	EXISTING	1
EXPB3	EXISTING	1
EXPB4	EXISTING	1
EXPB5	EXISTING	1
TOTAL		5

Mark	REVISION	Date	Scale	NTS
Designed By: AECOM		9/28/2022		
60631225P				

MISCELLANEOUS QUANTITIES: UNIVERSITY AVE AND MIDVALE BLVD  
 BUS RAPID TRANSIT  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P

MQ-40S

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TRAFFIC DETECTOR LOOPS

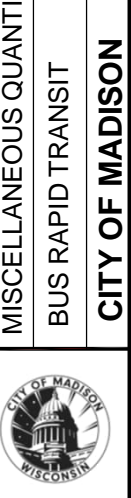
LOOP NO.	HOME RUN PB	** LOCATION	SIZE		NO. OF TURNS	652.0900	SPV.0090.201	655.0800
			(FT)	X (FT)		LOOP DETECTOR SLOTS L.F.	LOOP DETECTOR LEAD-IN CABLE SPECIAL L.F.	LOOP DETECTOR WIRE L.F.
11	PB5	314+56, 16' RT	6	X 10	5	-	174	244
21	PB12	EXISTING	20	X 6	5	-	-	-
31	PB9	EXISTING	10	X 15	5	-	-	-
32	PB8	EXISTING	6	X 6	5	-	-	-
33	PB8	EXISTING	6	X 6	5	-	-	-
41	PB18	EXISTING	6	X 10	5	-	-	-
42	PB18	EXISTING	6	X 10	5	-	-	-
43	PB18	EXISTING	6	X 10	5	-	-	-
44	PB15	316+11, 96' RT	6	X 10	5	44	181	196
51	PB12	EXISTING	10	X 6	5	-	-	-
52	PB14	EXISTING	15	X 6	5	-	-	-
53	PB13	EXISTING	6	X 20	5	-	-	-
54	PB13	EXISTING	6	X 20	5	-	-	-
61	PB4	312+15, 20' RT	6	X 10	5	80	339	268
62	PB4	312+15, 33' RT	6	X 10	5	67	339	242
63	PB4	312+15, 46' RT	6	X 10	5	54	339	216
64	PB3	314+56, 28' RT	6	X 10	5	59	175	226
65	PB3	314+56, 39' RT	6	X 10	5	48	175	204
66	PB3	314+56, 51' RT	6	X 10	5	58	175	224
91	PB4	312+15, 8' RT	6	X 10	3	79	339	202
92	PB5	314+56, 7' RT	6	X 10	3	-	174	162
93	PB5	315+02 6' RT	6	X 10	3	-	174	140
						489	2584	2324

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.274 INSTALL TRANSFORMER BASE BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.209 INSTALL POLES 20-FOOT 7 GAUGE EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.214 INSTALL POLE TYPE 9-SPECIAL EACH	SPV.0060.275 INSTALL POLES TYPE 10-SPECIAL EACH	SPV.0060.278 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	SPV.0060.215 INSTALL MONOTUBE ARMS 35-FT EACH	SPV.0060.217 INSTALL TROMBONE ARMS 20-FT EACH	SPV.0060.279 INSTALL PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH	SPV.0060.237 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE VI EACH	SPV.0060.238 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE A EACH	SPV.0060.240 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE C EACH
SB2		1		1								1			1
SB3		1	1						1			2			
SB4						1		1				1	1		
SB11					1					1					
SB12		1		1										1	
SB13	1						1								
CB1											1				
TOTAL	1	3	1	2	1	1	1	2	1	1	1	4	1	1	1

REVISION	DATE	BY
Mark	9/28/2022	
Designed By: AECOM		
60631225P		

MISCELLANEOUS QUANTITIES: UNIVERSITY AVE AND MIDVALE BLVD  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-41S

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INSTALL PTZ CAMERA

** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH
WEST MEDIAN	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC SIGNAL EQUIPMENT

LOCATION	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH
NORTHEAST QUADRANT EAST MEDIAN		1 2
SOUTHEAST QUADRANT CB1	1	1
<b>TOTAL</b>	<b>1</b>	<b>4</b>



60631225P

MQ-42S

MISCELLANEOUS QUANTITIES: UNIVERSITY AVE AND SHOREWOOD BLVD 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P	Date: 9/30/2022	Scale: NTS	

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.
WEST MEDIAN		HEAD 10	21
EAST MEDIAN		HEAD 13	21
WEST MEDIAN		HEAD 14	31
TOTAL			73

TRAFFIC SIGNAL EQUIPMENT

LOCATION	SPV.0060.228 INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS EACH	FOR INFORMATIONAL PURPOSE ONLY APS PUSH BUTTON EACH
NORTHEAST QUADRANT		1
EAST MEDIAN		2
SOUTHEAST QUADRANT		1
CB1	1	
TOTAL		4

INSTALL PTZ CAMERA

** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH	
WEST MEDIAN	1	
TOTAL		1

TRAFFIC SIGNAL FACES

LOCATION	SPV.0060.223 TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
WEST MEDIAN	1	1
EAST MEDIAN	1	1
TOTAL		2

INSTALL PTZ CAMERA

** LOCATION	HEAD NO.	SPV.0060.284 SALVAGE AND REINSTALL TRAFFIC SIGNAL HEAD EACH	SPV.0060.285 SALVAGE AND DELIVER TRAFFIC SIGNAL HEAD EACH
EAST MEDIAN	13		1
WEST MEDIAN	10		1
SOUTHWEST QUADRANT	14	1	
TOTAL		1	2

Mark	REVISION	Date	Scale
Designed By: AECOM		10/11/2022	N/T
60631225P			

MISCELLANEOUS QUANTITIES: UNIVERSITY AVE AND UNIVERSITY BAY DR 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-43S

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 LAST PLOT DATE: -10/11/2022  
 FILE NAME:

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.220 INSTALL TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	SPV.0060.225 INSTALL BACKPLATES SIGNAL FACES 3-SECTION 12-INCH EACH
10	SB15	1		1
11	SB10	1		1
12	SB11	1		1
2A	SB14		1	
TOTAL		3	1	3

CONCRETE BASES

SIGNAL BASE NO.	LOCATION	SPV.0060.204 CONCRETE BASES TYPE G EACH
SB11	207+3, 32' LT	1
SB14	206+62, 36' RT	1
SB15	206+35, 88' RT	1
TOTAL		3

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	SPV.0060.280 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH
SB11	1	1	
SB14	1		1
SB15	1	1	
TOTAL		3	2

SIGNAL MOUNTING HARDWARE

** LOCATION	SPV.0105.274 INSTALL SIGNAL MOUNTING HARDWARE L.S.
University Avenue & Randall Avenue	1
TOTAL	1

REMOVING TRAFFIC SIGNALS

** LOCATION	SPV.0105.224 REMOVING TRAFFIC SIGNALS L.S.
University Avenue & Randall Avenue	1
TOTAL	1

REMOVING CONCRETE BASES

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB11	EXISTING	1
EXSB14	EXISTING	1
TOTAL		2

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	655.0230 TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 TRAFFIC SIGNAL 7-14 AWG L.F.	655.0515 ELECTRICAL WIRE SIGNALS 10 AWG L.F.
CB1		SB14		66	66
SB13		SB14			38
CB1		SB15		90	
SB11		HEAD 12	19		
SB15		HEAD 10	19		
SB14		HEAD 2A	15		
TOTAL			53	156	104

CONDUIT

LOC.	TO	LOC.	652.0325 CONDUIT RIGID NONMETALLIC SCHEDULE 80 2-INCH LF
SB13		SB14	30
PB3		SB15	4
TOTAL 34			

INSTALL CONDUIT INTO EXISTING ITEM

PULL BOX NO.	LOCATION	652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
PB1	EXISTING	2
PB3	EXISTING	2
TOTAL 4		

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	** LOCATION	SIZE (FT)	X	NO. OF TURNS	652.0900 LOOP DETECTOR SLOTS L.F.	SPV.0090.201 LOOP DETECTOR LEAD-IN CABLE SPECIAL L.F.	655.0800 LOOP DETECTOR WIRE L.F.
21	PB1	809+6, 21' LT	6	X	4	38	198	136
22	PB1	808+94, 30' LT	6	X	4	39	198	138
81	PB3	206+24, 94' RT	6	X	10	41	65	126
82	SB14	206+44, 37' RT	6	X	6	40	56	116
						158	517	516

MISCELLANEOUS QUANTITIES: JOHNSON STREET AND RANDALL AVE  
BUS RAPID TRANSIT

60631225P  
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-44S

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LAST PLOT DATE: 10/13/2022

Mark	Designed By: AECOM	Date:	10/13/2022
REVISION		DATE	
BY		DATE	



REMOVING TRAFFIC SIGNALS

** LOCATION	SPV.0105.225 REMOVING TRAFFIC SIGNALS L.S.
N Orchard Street and University Avenue	1
<b>TOTAL</b>	<b>1</b>

CONDUIT

LOC.	TO	LOC.	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
PB3		SB4	5	
PB3		SB3		4
<b>TOTAL</b>			<b>5</b>	<b>4</b>

TRAFFIC SIGNAL FACES

SIG. HEAD NO.	SIG. BASE NO.	SPV.0060.224 INSTALL TRAFFIC SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	
7A	SB4	1	
<b>TOTAL</b>			<b>1</b>

TRAFFIC SIGNAL EQUIPMENT

SIG. BASE NO.	SPV.0060.273 INSTALL PEDESTAL BASES EACH	SPV.0060.277 INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH
SB4	1	1
<b>TOTAL</b>	<b>1</b>	<b>1</b>

SIGNAL MOUNTING HARDWARE

** LOCATION	SPV.0105.275 INSTALL SIGNAL MOUNTING HARDWARE L.S.
N Orchard Street & University Avenue	1
<b>TOTAL</b>	<b>1</b>

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE

LOC.	TO	LOC.	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1		SB4		250	
SB4		SB3			86
SB4		HEAD 7A	15		
<b>TOTAL</b>			<b>15</b>	<b>250</b>	<b>86</b>

REMOVING CONCRETE BASES

SIGNAL BASE NO.	LOCATION	204.0195 REMOVING CONCRETE BASES EACH
EXSB4	EXISTING	1
<b>TOTAL</b>	<b>TOTAL</b>	<b>1</b>

PULL BOXES

PULL BOX NO.	LOCATION	SPV.0060.203 INSTALL ELECTRICAL PULL BOX TYPE V EACH	
PB3	812+71, 31' LT	1	
<b>TOTAL</b>			<b>1</b>

CONCRETE BASES

SIGNAL BASE NO.	LOCATION	SPV.0060.204 CONCRETE BASES TYPE G EACH	
SB4	812+71, 36' LT	1	
<b>TOTAL</b>			<b>1</b>

INSTALL PTZ CAMERA

** LOCATION	SPV.0060.272 INSTALL PTZ CAMERA EACH
SB3	1
<b>TOTAL</b>	<b>1</b>

Mark	REVISION	Date	Scale
Designed By: AECOM		9/26/2022	N/T
60631225P			

MISCELLANEOUS QUANTITIES: UNIVERSITY AVE AND N ORHCARD STREET  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-45S

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 LAST PLOT DATE: 9/26/2022

TRAFFIC SIGNAL CONDUIT SUMMARY

INTERSECTION	FROM	TO	652.0225*	652.0335*	652.0615*
			CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH LF	CONDUIT SPECIAL 3-INCH LF
EAST WASHINGTON AVENUE & BLAIR STREET	EXPB4	PB5	16	--	--
	PB5	EXPB6	59	--	--
	EXPB6	PB7	98	--	--
	EXPB8	PB9	160	--	--
	EXPB13	EXPB16	--	--	180
	EXPB18	SB10	2	--	--
SUBTOTAL (EAST WASH AVE. & BLAIR ST.)			335	--	180
INTERSECTION	FROM	TO			
EAST WASHINGTON AVENUE & PATERSON STREET	PB1	PB2	160	--	--
	PB1	PB3	--	32	74
	PB3	PB4	--	43	78
	EXPB6	PB7	145	--	--
	PB1	EXSB2	38	--	--
	PB1	SB3	2	--	--
	PB3	SB4	3	--	--
	PB4	SB5	4	--	--
EXPB8	SB9	23	--	--	
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)			375	75	152
INTERSECTION	FROM	TO			
EAST WASHINGTON AVENUE & BALDWIN STREET	EXPB3	PB4	140	--	--
	EXPB1	PB5	--	35	79
	PB5	PB6	--	49	67
	EXPB8	PB9	170	--	--
	EXPB11	PB12	44	--	--
	EXPB1	SB2	10	--	--
	PB5	SB3	3	--	--
	EXPB6	SB4	1	--	--
EXPB10	SB8	46	--	--	
EXCB1	PB5	--	15	71	
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)			414	99	217
INTERSECTION	FROM	TO			
EAST WASHINGTON AVENUE & FIRST STREET	EXPB18	PB1	34	--	--
	EXPB2	PB3	42	--	--
	PB3	PB4	200	--	--
	EXPB2	PB6	--	25	115
	PB6	EXPB7	--	46	120
	PB6	EXPB9	--	46	54
	EXPB14	PB15	210	--	--
	EXPB7	PB19	--	--	170
	PB19	PB20	--	--	130
	PB20	PB21	12	--	--
	PB21	PB22	61	--	--
	EXPB2	SB2	22	--	--
	PB6	SB3	2	--	--
	PB6	SB4	22	--	--
PB6	SB5	33	--	--	
SUBTOTAL (EAST WASH AVE. & FIRST ST.)			638	117	589

CONT'D

CONT'D FROM ABOVE

INTERSECTION	FROM	TO	652.0225*	652.0335*	652.0615*
			CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH LF	CONDUIT SPECIAL 3-INCH LF
EAST WASHINGTON AVENUE & FOURTH STREET	EXPB2	PB1	23	--	--
	EXPB3	PB4	210	--	--
	EXPB9	PB10	210	--	--
	EXPB9	PB11	--	33	87
	PB11	EXPB2	--	44	71
	EXPB5	SB4	8	--	--
PB11	SB9	2	--	--	
SUBTOTAL (EAST WASH AVE. & FOURTH ST.)			453	77	158
INTERSECTION	FROM	TO			
EAST WASHINGTON AVENUE & MILWAUKEE STREET	EXPB6	EXPB16	--	510	--
	EXPB16	PB7	26	--	--
	EXPB6	PB8	--	125	--
	PB8	EXPB9	--	34	64
	EXPB9	PB13	--	--	285
	PB13	PB14	235	--	--
	PB13	PB15	--	26	110
	PB15	EXPB4	--	110	--
	EXPB6	SB4	9	--	--
	PB8	SB5	1	--	--
	EXPB9	SB6	4	--	--
	PB13	EXSB9	36	--	--
	PB13	SB10	5	--	--
	PB15	SB11	1	--	--
EXPB4	SB12	16	--	--	
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)			333	805	459
INTERSECTION	FROM	TO			
EAST WASHINGTON AVENUE & MARQUETTE STREET	EXPB1	PB2	210	--	--
	EXPB1	PB3	--	33	88
	PB3	EXPB4	--	47	76
	EXPB8	PB9	175	--	--
	EXPB1	SB1	2	--	--
	PB3	SB2	2	--	--
	EXPB4	SB3	14	--	--
	EXPB6	SB6	2	--	--
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)			405	80	164
INTERSECTION	FROM	TO			
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	EXPB4	PB5	105	--	--
	EXPB9	PB13	--	31	90
	PB13	PB14	--	60	39
	PB14	EXPB15	--	92	--
	EXPB7	SB3	37	--	--
	EXPB7	SB4	20	--	--
	PB13	SB7	2	--	--
	PB14	SB8	6	--	--
EXPB15	SB10	7	--	--	
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)			177	183	129

CONT'D

BY	DATE
REVISION	DATE
Mark	10/19/2022
Designed By: STRAND	
60631225P	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-46S

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 LAST PLOT DATE: 10/19/2022  
 FILE NAME:

CONT'D FROM ABOVE

INTERSECTION	FROM	TO	652.0225*	652.0335*	652.0615*
			CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH LF	CONDUIT SPECIAL 3-INCH LF
EAST WASHINGTON AVENUE & MENDOTA STREET	EXCB1	PB1	--	67	--
	PB1	PB2	15	--	--
	PB2	PB3	110	--	--
	PB3	PB4	140	--	--
	PB1	EXPB5	--	50	92
	EXPB5	PB6	20	--	--
	EXPB7	PB8	55	--	--
	EXPB12	PB1	--	68	140
	PB1	SB2	4	--	--
	EXPB5	SB3	25	--	--
	EXPB7	SB4	6	--	--
EXPB11	SB8	24	--	--	
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)			399	185	232
INTERSECTION	FROM	TO			
EAST WASHINGTON AVENUE & PORTAGE ROAD	EXPB6	SB6	14	--	--
	SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)			14	--
INTERSECTION	FROM	TO			
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	EXPB1	PB2	--	--	210
	PB2	PB3	--	--	125
	EXPB1	SB1	30	--	--
	EXPB1	SB2	17	--	--
	PB2	EXSB3	4	--	--
	PB2	EXSB4	4	--	--
	PB3	EXSB6	3	--	--
SUBTOTAL (EAST WASH AVE. & EAST SPRINGS DR.)			62	--	335
TOTAL			3,605	1,621	2,615

CONCRETE BASES

INTERSECTION	PULL BOX NO.	LOCATION**		SPV.0060.204*	SPV.0060.206*	SPV.0060.245*	SPV.0060.282*
		STATION	OFFSET	CONCRETE BASES TYPE G EACH	CONCRETE BASES TYPE LB-8 EACH	CONCRETE BASES TYPE LB-SP EACH	CONCRETE BASES TYPE LB-SP2 EACH
EAST WASHINGTON AVENUE & BLAIR STREET	SB10	216+06.1	22.5 'LT	--	1	--	--
	SUBTOTAL (EAST WASH AVE. & BLAIR ST.)				0	1	0
EAST WASHINGTON AVENUE & PATERSON STREET	SB3	235+81.5	39.4 'RT	--	--	1	--
	SB4	235+93.5	18.7 'LT	--	1	--	--
	SB5	235+80.3	82.2 'LT	--	--	--	1
	SB9	236+81.0	15.5 'LT	--	1	--	--
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)				--	2	1	1
EAST WASHINGTON AVENUE & BALDWIN STREET	SB2	262+33.6	38.1 'RT	1	--	--	--
	SB3	262+44.3	19.9 'LT	--	1	--	--
	SB4	262+30.9	76.3 'LT	--	1	--	--
	SB8	263+22.6	14.9 'LT	--	1	--	--
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)				1	3	--	--

CONT'D

CONT'D FROM ABOVE

INTERSECTION	PULL BOX NO.	LOCATION**		SPV.0060.204*	SPV.0060.206*	SPV.0060.245*	SPV.0060.282*
		STATION	OFFSET	CONCRETE BASES TYPE G EACH	CONCRETE BASES TYPE LB-8 EACH	CONCRETE BASES TYPE LB-SP EACH	CONCRETE BASES TYPE LB-SP2 EACH
EAST WASHINGTON AVENUE & FIRST STREET	SB2	287+90.9	61.1 'RT	--	--	1	--
	SB3	288+03.1	15.8 'LT	--	1	--	--
	SB4	287+81.6	18.8 'LT	1	--	--	--
	SB5	287+70.4	19.4 'LT	1	--	--	--
SUBTOTAL (EAST WASH AVE. & FIRST ST.)				2	1	1	--
EAST WASHINGTON AVENUE & FOURTH STREET	SB4	307+96.0	26.5 'LT	--	1	--	--
	SB9	308+70.9	20.7 'LT	--	1	--	--
SUBTOTAL (EAST WASH AVE. & FOURTH ST.)				--	2	--	--
EAST WASHINGTON AVENUE & MILWAUKEE STREET	SB4	330+27.9	38.9 'LT	--	--	1	--
	SB5	330+14.4	28.0 'RT	--	1	--	--
	SB6	330+12.8	79.2 'RT	--	--	--	1
	SB10	328+71.3	91.6 'RT	--	--	1	--
	SB11	328+86.2	17.5 'RT	--	1	--	--
	SB12	328+87.5	38.9 'LT	--	--	--	1
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)				--	2	2	2
EAST WASHINGTON AVENUE & MARQUETTE STREET	SB1	352+42.9	44.9 'RT	1	--	--	--
	SB2	352+57.9	20.2 'LT	--	1	--	--
	SB3	352+49.1	81.7 'LT	--	1	--	--
	SB6	353+67.3	16.1 'LT	--	1	--	--
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)				1	3	--	--
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	SB3	398+46.3	43.5 'RT	--	1	--	--
	SB4	397+87.0	42.1 'RT	1	--	--	--
	SB7	397+03.0	17.6 'LT	--	1	--	--
	SB8	397+10.7	69.1 'LT	1	--	--	--
	SB10	397+74.0	73.0 'LT	1	--	--	--
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)				3	2	--	--
EAST WASHINGTON AVENUE & MENDOTA STREET	SB2	430+20.4 WB	20.9 'LT	1	--	--	--
	SB3	430+40.1	25.5 'LT	--	1	--	--
	SB4	430+28.9	18.2 'RT	--	1	--	--
	SB8	429+09.4	36.1 'LT	--	1	--	--
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)				1	3	--	--
EAST WASHINGTON AVENUE & PORTAGE ROAD	SB6	455+94.1	20.0 'RT	--	--	--	1
SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)				--	--	--	1
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	SB1	496+90.3	29.4 'RT	1	--	--	--
	SB2	497+02.5	37.3 'RT	1	--	--	--
	SB5	497+03.4	51.8 'LT	1	--	--	--
SUBTOTAL (EAST WASH AVE. & E SPRINGS DR.)				3	--	--	--
TOTAL				11	19	4	4

\*ADDITIONAL QUANTITIES LISTED ELSEWHERE

\*\*FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

\*\*EQUIPMENT OFFSETS REFERENCE MULTIPLE ALIGNMENTS. ITEMS WITH THE 'WA' SUFFIX REFER TO THE MAINLINE EAST WASHINGTON AVENUE ALIGNMENT. ITEMS WITH THE 'WB' SUFFIX REFER TO THE WESTBOUND REFERENCE ALIGNMENTS AT EACH INTERSECTION. ITEMS WITH NO SUFFIX REFER TO THE EASTBOUND REFERENCE ALIGNMENTS AT EACH INTERSECTION.

BY	DATE
REVISION	DATE
DESIGNED BY: STRAND	DATE
60631225P	10/19/2022

MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P

MQ-47S

REMOVING CONCRETE BASES

INTERSECTION	PULL BOX NO.	LOCATION**		204.0195* REMOVING CONCRET BASES EACH
		STATION	OFFSET	
EAST WASHINGTON AVENUE & BLAIR STREET	EXSB10	216+09.4	16.7 'LT	1
SUBTOTAL (EAST WASH AVE. & BLAIR ST.)				1
EAST WASHINGTON AVENUE & PATERSON STREET	EXSB3	235+92.1	36.7 'RT	1
	EXSB4	235+92.6	24.5 'LT	1
	EXSB5	235+85.5	77.1 'LT	1
	EXSB9	236+81.0	15.5 'LT	1
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)				4
EAST WASHINGTON AVENUE & BALDWIN STREET	EXSB2	262+35.9	36.8 'RT	1
	EXSB3	262+35.2	25.2 'LT	1
	EXSB4	262+34.1	75.7 'LT	1
	EXSB8	263+22.6	14.9 'LT	1
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)				4
EAST WASHINGTON AVENUE & FIRST STREET	EXSB2	287+95.2	57.9 'RT	1
	EXSB3	288+02.4	15.3 'LT	1
	EXSB4	287+89.4	15.4 'LT	1
	EXSB5	287+71.4	16.9 'LT	1
SUBTOTAL (EAST WASH AVE. & FIRST ST.)				4
EAST WASHINGTON AVENUE & FOURTH STREET	EXSB4	307+96.0	26.5 'LT	1
	EXSB9	308+84.5	14.9 'LT	1
SUBTOTAL (EAST WASH AVE. & FOURTH ST.)				2
EAST WASHINGTON AVENUE & MILWAUKEE STREET	EXSB4	330+26.4	36.7 'LT	1
	EXSB5	330+16.2	29.1 'RT	1
	EXSB6	330+20.4	77.2 'RT	1
	EXSB10	328+79.2	88.8 'RT	1
	EXSB11	328+82.5	18.9 'RT	1
	EXSB12	328+81.3	36.2 'LT	1
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)				6
EAST WASHINGTON AVENUE & MARQUETTE STREET	EXSB1	352+52.0	43.7 'RT	1
	EXSB2	352+53.6	19.0 'LT	1
	EXSB3	352+49.1	80.8 'LT	1
	EXSB6	353+73.1	16.0 'LT	1
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)				4
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	EXSB3	397+95.5	42.1 'RT	1
	EXSB7	397+02.0	15.2 'LT	1
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)				2
EAST WASHINGTON AVENUE & MENDOTA STREET	EXSB2	430+28.4 WB	20.9 'LT	1
	EXSB3	430+40.1	25.5 'LT	1
	EXSB4	430+30.5	21.2 'RT	1
	EXSB8	429+09.4	36.1 'LT	1
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)				4
EAST WASHINGTON AVENUE & PORTAGE ROAD	EXSB6	455+94.9	21.6 'RT	1
SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)				1
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	EXSB1	497+09.0	4.5 'RT	1
	EXSB2	496+79.3	21.9 'RT	1
	EXSB3	496+87.8	28.9 'RT	1
	EXSB4	497+01.4	43.1 'RT	1
SUBTOTAL (EAST WASH AVE. & E SPRINGS DR.)				4
TOTAL				36

\*ADDITIONAL QUANTITIES LISTED ELSEWHERE

\*\*EQUIPMENT OFFSETS REFERENCE MULTIPLE ALIGNMENTS. ITEMS WITH THE 'WA' SUFFIX REFER TO THE MAINLINE EAST WASHINGTON AVENUE ALIGNMENT. ITEMS WITH THE 'WB' SUFFIX REFER TO THE WESTBOUND REFERENCE ALIGNMENTS AT EACH INTERSECTION. ITEMS WITH NO SUFFIX REFER TO THE EASTBOUND REFERENCE ALIGNMENTS AT EACH INTERSECTION.

ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG

INTERSECTION	FROM	TO	655.0515	
			LF	
EAST WASHINGTON AVENUE & BLAIR STREET	EXCB1	EXSB1	39	
	EXCB1	EXSB2	120	
	EXSB2	EXSB3	150	
	EXSB3	EXSB4	45	
	EXSB4	EXSB5	180	
	EXSB5	SB6	90	
EAST WASHINGTON AVENUE & PATERSON STREET	SB6	EXSB7	39	
	EXSB7	EXSB8	175	
	SUBTOTAL (EAST WASH AVE. & BLAIR ST.)			838
	EXCB1	EXSB1	27	
	EXCB1	EXSB2	155	
	EXSB2	SB3	63	
EAST WASHINGTON AVENUE & BALDWIN STREET	SB3	SB4	96	
	SB4	SB5	105	
	SB5	EXSB6	97	
	EXSB6	EXSB7	280	
	EXSB7	EXSB8	96	
	EXSB8	SB9	145	
	SB9	EXCB1	180	
	EXCB1	EXSB10	280	
	SUBTOTAL (EAST WASH AVE. & PATERSON ST.)			1,524
	EXCB1	EXSB1	39	
EAST WASHINGTON AVENUE & BALDWIN STREET	EXCB1	SB2	110	
	SB2	SB3	110	
	SB3	SB4	100	
	SB4	EXSB5	53	
	EXSB5	EXSB6	195	
	EXSB6	EXSB7	56	
	EXSB7	SB8	160	
	SB8	SB9	155	
	SB9	EXSB10	77	
	EXSB10	EXCB1	56	
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)			1,111	
EAST WASHINGTON AVENUE & FIRST STREET	EXCB1	EXSB1	155	
	EXSB1	SB2	73	
	SB2	SB3	130	
	SB3	SB4	46	
	SB4	SB5	77	
	SB5	EXSB6	170	
	EXSB6	SB7	125	
	SB7	EXSB8	44	
	EXSB8	EXSB9	96	
	EXSB9	EXSB10	160	
EAST WASHINGTON AVENUE & FIRST STREET	EXSB10	EXSB11	77	
	EXSB11	SB12	130	
	SB12	SB13	260	
	SB13	EXCB1	83	
	EXCB1	EXSB14	125	
	SUBTOTAL (EAST WASH AVE. & FIRST ST.)			1,751
	EAST WASHINGTON AVENUE & FOURTH STREET	EXCB1	EXSB1	33
		EXCB1	EXSB2	195
		EXSB2	EXSB3	72
		EXSB3	SB4	115
SB4		EXSB5	100	
EXSB5		EXSB6	50	
EXSB6		EXSB7	195	
EXSB7		EXSB8	67	
EXSB8		SB9	110	
SB9		SB10	115	
EAST WASHINGTON AVENUE & FOURTH STREET	SB10	EXCB1	195	
	SUBTOTAL (EAST WASH AVE. & FOURTH ST.)			1,247
	CONT'D			

CONT'D FROM ABOVE

INTERSECTION	FROM	TO	655.0515	
			LF	
EAST WASHINGTON AVENUE & MILWAUKEE STREET	EXCB1	EXSB1	30	
	EXCB1	EXSB2	135	
	EXSB2	EXSB3	175	
	EXSB3	SB4	81	
	SB4	SB5	110	
	SB5	SB6	92	
	SB6	EXSB7	60	
	EXSB7	EXSB8	150	
	EXSB8	EXSB9	170	
	EXSB9	SB10	64	
EAST WASHINGTON AVENUE & MARQUETTE STREET	SB10	SB11	115	
	SB11	SB12	110	
	SB12	EXCB1	60	
	SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)			1,352
	EXCB1	SB1	45	
	SB1	SB2	100	
EAST WASHINGTON AVENUE & MARQUETTE STREET	SB2	SB3	115	
	SB3	EXSB4	130	
	EXSB4	EXSB5	61	
	EXSB5	SB6	135	
	SB6	EXSB7	155	
	EXSB7	EXSB8	55	
	EXSB8	EXCB1	145	
	SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)			941
	EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	EXCB1	EXSB1	130
		EXSB1	SB2	145
SB2		SB3	170	
SB3		SB4	79	
SB4		EXSB5	105	
EXSB5		SB6	230	
SB6		SB7	105	
SB7		SB8	96	
SB8		EXSB9	120	
EXSB9		SB10	60	
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	SB10	EXSB11	58	
	EXSB11	EXCB1	105	
	SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)			1,403
	EXCB1	EXSB1	34	
	EXCB1	SB2	230	
	SB2	SB3	290	
	SB3	SB4	255	
	SB4	EXSB5	115	
	EXSB5	EXSB6	155	
	EXSB6	EXSB7	130	
EAST WASHINGTON AVENUE & MENDOTA STREET	EXSB7	SB8	225	
	SB8	EXSB9	400	
	EXSB9	EXSB10	325	
	EXSB10	EXCB1	130	
	SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)			2,289
	EAST WASHINGTON AVENUE & PORTAGE ROAD	EXSB5	SB6	150
		SB6	EXSB7	85
	SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)			235
	EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	EXCB1	SB1	110
		SB1	SB2	60
SB2		EXSB3	160	
EXSB3		EXSB4	30	
EXSB4		SB5	29	
SB5		EXSB6	110	
EXSB6		EXSB7	79	
EXSB7		EXSB8	195	
EXSB8		SB1	120	
SUBTOTAL (EAST WASH AVE. & E SPRINGS DR.)			893	
TOTAL			13,584	

MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 Scale: NTS  
 Date: 10/20/2022  
 REVISION  
 Mark  
 Designed By: STR/MD  
 60631225P  
 FILE NAME  
 C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: -10/20/2022



60631225P  
MQ-48S

TRAFFIC SIGNAL PULL BOX SUMMARY

CONT'D FROM ABOVE

INTERSECTION	PULL BOX NO.	LOCATION**		SPV.0060.201*	SPV.0060.202*	SPV.0060.203*
		STATION	OFFSET	ELECTRICAL PULL BOX TYPE I EACH	ELECTRICAL PULL BOX TYPE III EACH	ELECTRICAL PULL BOX TYPE V EACH
EAST WASHINGTON AVENUE & BLAIR STREET	PB5	217+03.0	84.4 'LT	--	1	--
	PB7	218+66.1	87.2 'LT	--	1	--
	PB9	218+91.2	22.7 'LT	--	1	--
SUBTOTAL (EAST WASH AVE. & BLAIR ST.)				--	3	0
EAST WASHINGTON AVENUE & PATERSON STREET	PB1	235+75.6	37.8 'RT	--	--	1
	PB2	234+19.6	40.4 'RT	--	1	--
	PB3	235+96.3	16.5 'LT	--	--	1
	PB4	235+73.7	77.6 'LT	--	--	1
	PB7	238+53.4 WA	49.5 'LT	--	1	--
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)				--	2	3
EAST WASHINGTON AVENUE & BALDWIN STREET	PB4	260+47.9	37.6 'RT	--	1	--
	PB5	262+47.0	17.2 'LT	--	--	1
	PB6	262+26.7	76.4 'LT	--	--	1
	PB9	265+08.0 WA	49.2 'LT	--	1	--
	PB12	263+04.6	60.8 'RT	--	1	--
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)				--	3	2
EAST WASHINGTON AVENUE & FIRST STREET	PB1	288+96.4	79.8 'RT	--	1	--
	PB3	287+68.3	58.3 'RT	--	1	--
	PB4	285+65.2	59.5 'RT	--	1	--
	PB6	288+05.0	13.7 'LT	--	--	1
	PB15	291+33.1 WA	51.3 'LT	--	1	--
	PB19	285+74.8	69.0 'LT	1	--	--
	PB20	284+44.0	67.2 'LT	1	--	--
	PB21	284+33.6	76.7 'LT	1	--	--
	PB22	283+69.0 WA	74.8 'LT	1	--	--
	SUBTOTAL (EAST WASH AVE. & FIRST ST.)				4	4
EAST WASHINGTON AVENUE & FOURTH STREET	PB1	308+53.0	59.8 'RT	--	1	--
	PB4	305+69.3 WA	63.8 'RT	--	1	--
	PB10	311+07.2	74.5 'LT	--	1	--
	PB11	308+68.8	23.1 'LT	--	--	1
	SUBTOTAL (EAST WASH AVE. & FOURTH ST.)				--	3
EAST WASHINGTON AVENUE & MILWAUKEE STREET	PB1	329+24.9	67.8 'LT	--	1	--
	PB7	332+62.0	37.7 'LT	--	1	--
	PB8	330+12.3	26.7 'RT	--	--	1
	PB13	328+65.4	88.2 'RT	--	--	1
	PB14	326+48.1	82.4 'RT	--	1	--
	PB15	328+88.0	18.9 'RT	--	--	1
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)				--	3	3
EAST WASHINGTON AVENUE & MARQUETTE STREET	PB2	350+34.4	36.9 'RT	--	1	--
	PB3	352+60.4	17.1 'LT	--	--	1
	PB9	356+08.0 WA	3.0 'LT	--	1	--
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)				--	2	1
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	PB5	401+17.4 WA	46.8 'LT	--	1	--
	PB13	397+07.2	14.8 'LT	--	--	1
	PB14	397+18.2	67.0 'LT	--	--	1
	SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)				--	1

CONT'D

INTERSECTION	PULL BOX NO.	LOCATION**		SPV.0060.201*	SPV.0060.202*	SPV.0060.203*
		STATION	OFFSET	ELECTRICAL PULL BOX TYPE I EACH	ELECTRICAL PULL BOX TYPE III EACH	ELECTRICAL PULL BOX TYPE V EACH
EAST WASHINGTON AVENUE & MENDOTA STREET	PB1	430+16.2 WB	17.1 'LT	--	--	1
	PB2	430+13.6 WB	35.8 'LT	--	1	--
	PB3	431+25.9 WB	36.5 'LT	--	1	--
	PB4	432+15.9 WB	21.4 'LT	--	1	--
	PB6	430+43.8	25.1 'LT	--	1	--
	PB8	429+98.9	55.3 'RT	--	1	--
PB10	427+26.3 WA	59.0 'RT	--	1	--	
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)				--	6	1
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	PB1	497+13.3	55.7 'RT	--	1	--
	PB2	497+05.6 WB	45.9 'RT	--	1	--
	PB3	497+09.2 WB	20.8 'LT	--	1	--
SUBTOTAL (EAST WASH AVE. & EAST SPRINGS DR.)				--	3	--
TOTAL				4	30	14

\*ADDITIONAL QUANTITIES LISTED ELSEWHERE  
 \*\*FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD  
 \*\*EQUIPMENT OFFSETS REFERENCE MULTIPLE ALIGNMENTS. ITEMS WITH THE 'WA' SUFFIX REFER TO THE MAINLINE EAST WASHINGTON AVENUE ALIGNMENT. ITEMS WITH THE 'WB' SUFFIX REFER TO THE WESTBOUND REFERENCE ALIGNMENTS AT EACH INTERSECTION. ITEMS WITH NO SUFFIX REFER TO THE EASTBOUND REFERENCE ALIGNMENTS

INSTALL CONDUIT INTO EXISTING ITEM

INTERSECTION	PULL BOX NO.	652.0070.S EACH
EAST WASHINGTON AVENUE & BLAIR STREET	EXPB4	1
	EXPB8	1
	EXPB13	1
	EXPB16	1
	EXPB18	1
SUBTOTAL (EAST WASH AVE. & BLAIR ST.)		5
EAST WASHINGTON AVENUE & PATERSON STREET	EXPB6	2
	EXPB8	1
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)		3
EAST WASHINGTON AVENUE & BALDWIN STREET	EXCB1	1
	EXPB1	2
	EXPB3	1
	EXPB8	2
	EXPB10	1
	EXPB11	1
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)		8
EAST WASHINGTON AVENUE & FIRST STREET	EXPB2	1
	EXPB7	1
	EXPB9	1
	EXPB14	2
	EXPB16	1
	EXPB18	1
SUBTOTAL (EAST WASH AVE. & FIRST ST.)		7

CONT'D

INTERSECTION	PULL BOX NO.	652.0070.S EACH
EAST WASHINGTON AVENUE & FOURTH STREET	EXPB2	2
	EXPB3	3
	EXPB5	1
	EXPB9	2
SUBTOTAL (EAST WASH AVE. & FOURTH ST.)		8
EAST WASHINGTON AVENUE & MILWAUKEE STREET	EXPB4	1
	EXPB6	3
	EXSB9	1
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)		5
EAST WASHINGTON AVENUE & MARQUETTE STREET	EXPB1	2
	EXPB4	1
	EXPB6	2
	EXPB8	1
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)		6
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	EXPB4	1
	EXPB6	2
	EXPB7	2
	EXPB9	1
	EXPB10	1
	EXPB12	1
EXPB15	2	
EXPB16	1	
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)		11
EAST WASHINGTON AVENUE & MENDOTA STREET	EXCB1	1
	EXPB5	1
	EXPB7	1
	EXPB9	1
	EXPB11	1
EXPB12	1	
EXPB13	1	
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)		7
EAST WASHINGTON AVENUE & PORTAGE ROAD	EXPB6	1
	SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)	
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	EXSB3	1
	EXSB4	1
	EXSB6	1
SUBTOTAL (EAST WASH AVE. & EAST SPRINGS DR.)		3
TOTAL		61

BY	DATE
REVISION	Date
Mark	10/19/2022
Designed By: STRAND	
60631225P	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
 CITY OF MADISON





LOOP DETECTION

INTERSECTION	LOOP NO.	LOCATION**		SIZE			NO. OF TURNS	SPV.0090.201*	652.0900*	655.0800*
		STATION	OFFSET	FT	X	FT		LOOP DETECTOR LEAD IN CABLE LF	LOOP DETECTOR SLOTS LF	LOOP DETECTOR WIRE LF
EAST WASHINGTON AVENUE & BLAIR STREET	21	218+67.7	74.7 'LT	6	X	10	4	330	38	159
	22	218+68.0	64.7 'LT	6	X	10	4	330	49	180
	23	218+68.3	53.7 'LT	6	X	10	4	330	60	202
	24	216+92.0	70.2 'LT	6	X	10	3	143	38	130
	25	216+92.2	58.8 'LT	6	X	10	3	143	48	152
	26	216+92.4	48.3 'LT	6	X	10	3	143	60	175
	27	216+12.5	35.0 'LT	6	X	10	3	142	44	134
	51	218+91.1	43.4 'LT	6	X	10	4	383	48	174
	52	218+91.6	32.5 'LT	6	X	10	4	383	37	151
	53	217+13.2	37.9 'LT	6	X	10	3	208	48	146
	54	217+13.6	26.9 'LT	6	X	10	3	208	37	126
	63	214+12.4	9.2 'LT	6	X	10	4	393	64	215
	67	217+32.6	6.8 'LT	6	X	10	3	208	40	127
SUBTOTAL (EAST WASH AVE. & BLAIR ST.)								3,344	610	2,071
EAST WASHINGTON AVENUE & PATERSON STREET	21	238+58.8 WA	40.0 'LT	6	X	10	4	386	39	157
	22	238+58.5 WA	29.0 'LT	6	X	10	4	386	50	178
	23	238+58.3 WA	18.5 'LT	6	X	10	4	386	60	200
	24	238+58.1 WA	10.3 'LT	6	X	10	4	386	69	217
	25	236+89.8	69.1 'LT	6	X	10	3	225	37	123
	26	236+89.8	57.6 'LT	6	X	10	3	225	48	145
	27	236+89.7	47.1 'LT	6	X	10	3	225	59	165
	28	236+89.6	36.6 'LT	6	X	10	3	225	69	186
	29	235+94.9	33.1 'LT	6	X	10	3	179	46	140
	41	236+05.1	104.1 'LT	6	X	10	4	311	35	153
	42	236+16.2	104.2 'LT	6	X	10	4	311	47	177
	43	236+27.1	104.4 'LT	6	X	10	4	311	58	202
	51	238+57.8 WA	0.5 'RT	6	X	10	4	386	80	240
	52	236+89.6	25.6 'LT	6	X	10	3	225	80	209
	61	234+15.2	27.8 'RT	6	X	10	4	284	36	161
	62	234+15.0	16.8 'RT	6	X	10	4	284	47	184
	63	234+14.8	6.3 'RT	6	X	10	4	284	58	205
	64	234+14.6	4.2 'LT	6	X	10	4	284	69	227
	65	235+72.0	26.6 'RT	6	X	10	2	111	41	98
66	235+71.8	14.7 'RT	6	X	10	2	111	51	118	
67	235+71.7	4.2 'RT	6	X	10	2	111	61	138	
68	235+71.5	6.3 'LT	6	X	10	2	111	71	158	
69	236+67.9	5.0 'LT	6	X	10	3	151	74	194	
82	236+44.8	62.3 'RT	6	X	10	2	37	40	95	
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)								5,935	1,326	4,070
EAST WASHINGTON AVENUE & BALDWIN STREET	21	265+11.1 WA	38.8 'LT	6	X	10	5	565	40	193
	22	265+10.0 WA	27.9 'LT	6	X	10	5	565	51	215
	23	265+08.8 WA	17.3 'LT	6	X	10	5	565	61	236
	24	263+32.4	69.0 'LT	6	X	10	4	382	38	156
	25	263+32.7	57.7 'LT	6	X	10	4	382	49	177
	26	263+32.9	47.2 'LT	6	X	10	4	382	59	198
	27	263+33.1	36.6 'LT	6	X	10	4	382	69	218
	28	262+38.8	33.9 'LT	6	X	10	3	165	44	136
	41	262+62.8	102.0 'LT	6	X	10	4	284	38	157
	42	262+73.0	102.2 'LT	6	X	10	4	284	46	174
	51	265+07.5 WA	7.3 'LT	6	X	10	5	565	72	258
	52	263+33.3	25.6 'LT	6	X	10	4	382	80	240
	61	260+45.3	27.6 'RT	6	X	10	4	298	35	157
	62	260+45.0	16.1 'RT	6	X	10	4	298	46	179
	63	260+44.8	5.6 'RT	6	X	10	4	298	56	198
	64	260+44.5	5.0 'LT	6	X	10	4	298	67	222
	65	262+23.2	26.4 'RT	6	X	10	2	93	38	92
	66	262+22.9	13.7 'RT	6	X	10	2	93	51	118
67	262+22.7	3.2 'RT	6	X	10	2	93	62	141	
68	262+22.5	7.3 'LT	6	X	10	2	93	73	163	
69	263+19.7	4.7 'LT	6	X	10	4	295	82	243	
83	262+95.7	61.1 'RT	6	X	10	4	281	35	151	
84	262+84.8	61.0 'RT	6	X	10	4	281	47	174	
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)								7,324	1,239	4,196

CONT'D FROM ABOVE

INTERSECTION	LOOP NO.	LOCATION**		SIZE			NO. OF TURNS	SPV.0090.201*	652.0900*	655.0800*
		STATION	OFFSET	FT	X	FT		LOOP DETECTOR LEAD IN CABLE LF	LOOP DETECTOR SLOTS LF	LOOP DETECTOR WIRE LF
EAST WASHINGTON AVENUE & FIRST STREET	11	285+65.9	14.8 'RT	6	X	10	4	394	74	227
	12	285+65.9	5.9 'RT	6	X	10	4	394	84	247
	13	287+80.8	15.0 'RT	6	X	10	3	179	72	190
	14	287+80.8	6.0 'RT	6	X	10	3	179	82	211
	21	291+36.1 WA	41.5 'LT	6	X	10	5	432	38	187
	22	291+36.1 WA	30.5 'LT	6	X	10	5	432	49	208
	23	291+36.2 WA	19.3 'LT	6	X	10	5	432	60	231
	24	289+20.2	55.2 'LT	6	X	10	3	207	35	123
	25	289+21.2	38.2 'LT	6	X	10	3	207	53	159
	26	289+21.9	27.7 'LT	6	X	10	3	207	64	181
	27	289+22.5	17.2 'LT	6	X	10	3	207	75	204
	28	288+04.9	26.8 'LT	6	X	10	3	221	40	127
	32	288+57.9	81.9 'RT	6	X	10	2	42	65	149
	44	287+80.8	95.0 'LT	6	X	10	4	323	48	181
	45	287+91.9	94.3 'LT	6	X	10	4	323	37	158
	46	288+24.7	93.1 'LT	6	X	10	4	323	43	173
	51	291+36.2 WA	5.3 'LT	6	X	10	5	432	73	261
	52	289+23.2	6.6 'LT	6	X	10	3	207	87	227
	61	285+65.9	46.9 'RT	6	X	10	4	394	35	161
	62	285+65.9	35.9 'RT	6	X	10	4	394	46	182
	63	285+65.9	24.9 'RT	6	X	10	4	394	57	205
64	285+65.9	4.1 'LT	6	X	10	4	394	95	270	
65	287+80.8	46.1 'RT	6	X	10	4	179	41	129	
66	287+80.8	35.1 'RT	6	X	10	3	179	52	150	
67	287+80.8	24.5 'RT	6	X	10	3	179	62	170	
68	287+80.8	4.0 'LT	6	X	10	3	179	93	233	
69	289+10.9	14.0 'RT	6	X	10	3	125	52	151	
72	288+36.42	92.8 'LT	6	X	10	4	323	56	198	
81	288+86.7	81.1 'RT	6	X	10	2	42	35	90	
82	288+69.8	81.5 'RT	6	X	10	2	42	52	123	
SUBTOTAL (EAST WASH AVE. & FIRST ST.)								7,965	1,755	5,506
EAST WASHINGTON AVENUE & FOURTH STREET	11	305+70.6 WA	18.4 'RT	6	X	10	4	377	70	229
	12	307+84.5	16.8 'LT	6	X	10	3	151	76	209
	21	311+08.8	65.1 'LT	6	X	10	5	427	35	184
	22	311+08.8	52.6 'LT	6	X	10	5	427	48	210
	23	311+08.8	42.1 'LT	6	X	10	5	427	59	232
	24	311+08.8	31.6 'LT	6	X	10	5	427	70	254
	25	308+93.1	68.7 'LT	6	X	10	3	203	36	126
	26	308+93.1	56.6 'LT	6	X	10	3	203	49	151
	27	308+93.1	46.1 'LT	6	X	10	3	203	60	173
	28	308+93.1	35.0 'LT	6	X	10	3	203	71	197
	29	307+97.0	36.8 'LT	6	X	10	3	225	44	135
	61	305+69.7 WA	50.4 'RT	6	X	10	4	377	36	161
62	305+70.0 WA	39.4 'RT	6	X	10	4	377	47	184	
63	305+70.3 WA	28.8 'RT	6	X	10	4	377	59	207	
64	307+83.1	25.7 'RT	6	X	10	3	151	32	121	
65	307+83.4	14.7 'RT	6	X	10	3	151	43	143	
66	307+83.8	4.2 'RT	6	X	10	3	151	54	165	
67	307+84.1	6.3 'LT	6	X	10	3	151	65	187	
68	308+70.2	6.0 'LT	6	X	10	3	128	44	135	
82	308+42.4	58.8 'RT	6	X	10	2	35	37	91	
SUBTOTAL (EAST WASH AVE. & FOURTH ST.)								5,171	1,035	3,494

CONT'D

CONT'D

60631225P	CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C	Mark	REVISION	DATE
			Designed By: STRAND	Date:	Scale: NTS
			6/6/31/25P	10/19/2022	
MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS			CITY OF MADISON		
BUS RAPID TRANSIT			CITY OF MADISON		
60631225P			MQ-50S		


LOOP DETECTION

CONT'D FROM ABOVE								SPV.0090.201*	652.0900*	655.0800*
INTERSECTION	LOOP NO.	LOCATION**		SIZE			NO. OF TURNS	LOOP DETECTOR	LOOP DETECTOR	LOOP DETECTOR
		STATION	OFFSET	FT	X	FT		LEAD IN CABLE	SLOTS	WIRE
								LF	LF	LF
EAST WASHINGTON AVENUE & MILWAUKEE STREET	11	328+60.5	28.3 'RT	6	X	10	3	202	83	218
	21	332+63.4	28.0 'LT	6	X	10	5	435	36	192
	22	332+63.7	15.5 'LT	6	X	10	5	435	49	217
	23	332+64.0	5.0 'LT	6	X	10	5	435	60	239
	24	330+37.8	26.4 'LT	6	X	10	3	209	37	122
	25	330+37.6	15.9 'LT	6	X	10	3	209	53	155
	26	330+37.5	5.7 'LT	6	X	10	3	209	64	178
	27	330+37.4	5.3 'RT	6	X	10	3	209	76	202
	31	329+56.9	110.9 'RT	6	X	10	4	306	36	155
	32	329+67.5	111.0 'RT	6	X	10	4	306	47	177
	42	329+40.1	62.6 'LT	6	X	10	2	46	41	104
	51	332+64.3	5.5 'LT	6	X	10	5	435	71	261
	52	330+37.2	16.1 'RT	6	X	10	3	209	87	226
	61	326+48.4	70.4 'RT	6	X	10	5	431	36	193
	62	326+48.5	55.3 'RT	6	X	10	5	431	50	220
	63	326+48.4	44.3 'RT	6	X	10	5	431	60	241
	64	326+48.3	34.1 'RT	6	X	10	5	431	71	263
	65	328+60.2	77.1 'RT	6	X	10	3	202	37	127
	66	328+60.3	59.4 'RT	6	X	10	3	202	49	150
	67	328+60.4	49.6 'RT	6	X	10	3	202	61	173
	68	328+60.5	38.7 'RT	6	X	10	3	202	72	196
	71	329+50.2	60.5 'LT	6	X	10	2	46	52	124
	82	329+78.5	110.9 'RT	6	X	10	4	306	59	199
	SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)								6,529	1,288
EAST WASHINGTON AVENUE & MARQUETTE STREET	21	356+11.5 WA	48.3 'LT	6	X	10	5	513	70	259
	22	356+11.2 WA	35.8 'LT	6	X	10	5	513	57	233
	23	356+10.9 WA	25.3 'LT	6	X	10	5	513	47	212
	24	353+61.1	68.9 'LT	6	X	10	4	310	83	245
	25	353+61.2	57.4 'LT	6	X	10	4	310	71	221
	26	353+61.2	47.5 'LT	6	X	10	4	310	61	200
	27	353+61.2	36.4 'LT	6	X	10	4	310	49	178
	51	356+10.7 WA	14.3 'LT	6	X	10	5	498	36	190
	52	353+61.3	25.9 'LT	6	X	10	4	310	38	155
	61	350+32.9	27.2 'RT	6	X	10	4	264	35	153
	62	350+31.3	15.0 'RT	6	X	10	4	264	48	180
	63	350+29.9	4.5 'RT	6	X	10	4	264	60	202
	64	350+28.4	6.0 'LT	6	X	10	4	264	71	225
	65	352+33.8	32.7 'RT	6	X	10	2	38	40	95
	66	352+34.2	15.5 'RT	6	X	10	2	38	61	137
	67	352+34.5	5.0 'RT	6	X	10	2	38	71	157
	68	352+34.8	5.5 'LT	6	X	10	2	38	81	177
	82	353+09.5	62.8 'RT	6	X	10	3	135	39	128
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)								4,930	1,018	3,348
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	11	394+31.9	0.9 'LT	6	X	10	6	771	81	313
	12	396+78.2	5.1 'LT	6	X	10	5	471	73	261
	21	401+19.6 WA	33.3 'LT	6	X	10	4	372	41	162
	22	401+19.6 WA	22.7 'LT	6	X	10	4	372	52	183
	23	401+19.7 WA	12.4 'LT	6	X	10	4	372	62	204
	24	398+77.3	46.7 'LT	6	X	10	3	191	69	203
	25	398+70.6	36.3 'LT	6	X	10	3	191	58	172
	26	398+64.1	26.4 'LT	6	X	10	3	191	46	144
	42	398+04.7	86.4 'LT	6	X	10	3	205	35	123
	43	398+24.9	86.8 'LT	6	X	10	3	205	58	188
	51	398+57.8	16.6 'LT	6	X	10	3	191	36	123
	61	394+31.9	28.5 'RT	6	X	10	6	771	52	256
	62	394+31.9	18.1 'RT	6	X	10	6	771	62	276
	63	394+31.9	8.1 'RT	6	X	10	6	771	72	296
	64	396+72.2	25.3 'RT	6	X	10	5	471	41	198
	65	396+74.3	14.9 'RT	6	X	10	5	471	52	218
	66	396+76.2	4.9 'RT	6	X	10	5	471	62	239
	72	398+37.7	87.0 'LT	6	X	10	3	205	67	226
81	397+25.8	63.5 'RT	6	X	10	5	406	50	211	
82	397+12.1	63.4 'RT	6	X	10	5	406	52	214	
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)								8,275	1,121	4,210

CONT'D

CONT'D FROM ABOVE								SPV.0090.201*	652.0900*	655.0800*
INTERSECTION	LOOP NO.	LOCATION**		SIZE			NO. OF TURNS	LOOP DETECTOR	LOOP DETECTOR	LOOP DETECTOR
		STATION	OFFSET	FT	X	FT		LEAD IN CABLE	SLOTS	WIRE
								LF	LF	LF
WRIGHT STREET & ANDERSON STREET	11	35+60.9 WR	60.3 'LT	6	X	10	2	91	68	151
	21	22+44.8 AN	11.6 'LT	6	X	10	4	388	44	166
	22	20+67.8 AN	12.1 'LT	6	X	10	3	195	44	134
	51	20+67.8 AN	1.1 'LT	6	X	10	3	195	54	156
SUBTOTAL (WRIGHT ST. & ANDERSON ST.)								868	209	607
EAST WASHINGTON AVENUE & MENDOTA STREET	11	429+07.6	27.2 'LT	6	X	10	4	329	89	257
	21	432+18.6 WB	5.4 'LT	6	X	10	4	374	44	167
	22	432+18.8 WB	5.1 'RT	6	X	10	4	374	55	189
	23	432+19.0 WB	15.7 'RT	6	X	10	4	374	66	211
	24	430+40.5 WB	5.6 'LT	6	X	10	3	184	69	192
	25	430+40.5 WB	5.1 'RT	6	X	10	3	184	58	169
	26	430+40.6 WB	15.6 'RT	6	X	10	3	184	47	147
	41	429+60.0 WB	45.8 'LT	6	X	10	4	261	38	156
	42	429+59.8 WB	65.8 'LT	6	X	6	4	261	32	127
	43	429+59.6 WB	75.8 'LT	6	X	6	4	261	41	144
	51	432+19.2 WB	26.3 'RT	6	X	10	4	374	74	229
	52	430+40.6 WB	25.7 'RT	6	X	10	3	184	36	122
	61	427+24.8 WA	44.0 'RT	6	X	10	5	578	41	197
	62	427+24.7 WA	33.4 'RT	6	X	10	5	578	52	218
	63	427+24.5 WA	23.0 'RT	6	X	10	5	578	62	240
	64	429+07.8	20.9 'RT	6	X	10	4	329	36	155
	65	429+07.7	4.0 'RT	6	X	10	4	329	54	191
	66	429+07.7	6.2 'LT	6	X	10	4	329	64	213
67	429+07.6	16.2 'LT	6	X	10	4	329	75	234	
81	429+90.7	53.5 'RT	6	X	10	4	289	36	151	
82	429+79.8	53.6 'RT	6	X	10	4	289	47	175	
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)								6,972	1,116	3,884
TOTAL								57,313	10,718	35,718

\*ADDITIONAL QUANTITIES LISTED ELSEWHERE  
 \*\*FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD  
 \*\*\*EQUIPMENT OFFSETS REFERENCE MULTIPLE ALIGNMENTS. ITEMS WITH THE 'WA' SUFFIX REFER TO THE MAINLINE EAST WASHINGTON AVENUE ALIGNMENT. ITEMS WITH THE 'WB' SUFFIX REFER TO THE WESTBOUND REFERENCE ALIGNMENTS AT EACH INTERSECTION. ITEMS WITH NO SUFFIX REFER TO THE EASTBOUND REFERENCE ALIGNMENTS AT EACH INTERSECTION.

60631225P	60631225P	60631225P
MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS	CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C
BUS RAPID TRANSIT	CITY OF MADISON	
		
60631225P	MQ-51S	

TRAFFIC SIGNAL CABLE SUMMARY


INTERSECTIONS	FROM	TO	SLACK PER PB & CB L.F.	CABLE TRAFFIC SIGNAL				
				655.0230	655.0240	655.0260	655.0270	655.0280
				5-14 AWG LF	7-14 AWG LF	12-14 AWG LF	15-14 AWG LF	19-14 AWG LF
EAST WASHINGTON AVENUE & BLAIR STREET	EXCB1	EXSB1	16	36	--	--	--	--
	EXSB11	HEAD 18	16	19	--	--	--	--
	EXSCB1	EXSB2	16	120	--	--	--	--
	EXSB2	HEAD 19	16	19	--	--	--	--
	EXCB1	EXSB3	16	200	--	--	--	--
	EXSB3	HEAD 4	16	19	--	--	--	--
	EXCB1	EXSB6	16	--	--	280	--	--
	EXSB6	HEAD 9	16	46	--	--	--	--
	EXSB6	HEAD 10	16	36	--	--	--	--
	EXSB6	HEAD 12	16	22	--	--	--	--
	EXSB6	HEAD 89	16	14	--	--	--	--
	EXCB1	EXSB7	16	290	--	--	--	--
	EXSB7	HEAD 17	16	19	--	--	--	--
	EXCB1	EXSB9	16	--	--	255	--	--
	EXSB9	HEAD 7	16	19	--	--	--	--
	EXSB9	HEAD 86	16	14	--	--	--	--
	EXSB9	HEAD 87	16	14	--	--	--	--
	EXCB1	SB10	16	--	--	--	190	--
	SB10	HEAD 5	16	30	--	--	--	--
	SB10	HEAD 6	16	40	--	--	--	--
SB10	HEAD 84	16	14	--	--	--	--	
SB10	HEAD 85	16	14	--	--	--	--	
EXCB1	EXSB11	16	--	--	--	115	--	
EXSB11	HEAD 2	16	50	--	--	--	--	
EXSB11	HEAD 3	16	40	--	--	--	--	
EXSB11	HEAD 82	16	14	--	--	--	--	
EXSB11	HEAD 83	16	14	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & BLAIR ST.)				1,103	--	255	585	--
EAST WASHINGTON AVENUE & PATERSON STREET	EXCB1	EXSB1	16	--	24	--	--	--
	EXSB1	HEAD 12	16	19	--	--	--	--
	EXSB1	HEAD 88	16	14	--	--	--	--
	EXCB1	EXSB2	16	150	--	--	--	--
	EXSB2	HEAD 87	16	14	--	--	--	--
	EXCB1	SB3	16	--	115	--	--	--
	SB3	HEAD 6	16	19	--	--	--	--
	SB3	HEAD 86	16	14	--	--	--	--
	EXCB1	SB4	16	--	--	185	--	--
	SB4	HEAD 2	16	50	--	--	--	--
	SB4	HEAD 5	16	19	--	--	--	--
	SB4	HEAD 84	16	14	--	--	--	--
	SB4	HEAD 85	16	14	--	--	--	--
	EXCB1	SB5	16	--	260	--	--	--
	SB5	HEAD 3	16	50	--	--	--	--
	SB5	HEAD 83	16	14	--	--	--	--
	EXCB1	EXSB6	16	260	--	--	--	--
	EXSB6	HEAD 9	16	19	--	--	--	--
	EXSB6	HEAD 82	16	14	--	--	--	--
	EXCB1	EXSB7	16	280	--	--	--	--
EXSB7	HEAD 81	16	14	--	--	--	--	
EXCB1	EXSB8	16	255	--	--	--	--	
EXSB8	HEAD 90	16	14	--	--	--	--	
EXCB1	SB9	16	--	--	175	--	--	
SB9	HEAD 4	16	19	--	--	--	--	
SB9	HEAD 7	16	45	--	--	--	--	
EXCB1	EXSB10	16	70	--	--	--	--	
EXSB10	HEAD 89	16	14	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)				1,395	399	175	185	--

CONT'D

CONT'D FROM ABOVE

INTERSECTIONS	FROM	TO	SLACK PER PB & CB L.F.	CABLE TRAFFIC SIGNAL				
				655.0230	655.0240	655.0260	655.0270	655.0280
				5-14 AWG LF	7-14 AWG LF	12-14 AWG LF	15-14 AWG LF	19-14 AWG LF
EAST WASHINGTON AVENUE & BALDWIN STREET	EXCB1	EXSB1	16	36	--	--	--	--
	SB1	HEAD 87	16	14	--	--	--	--
	EXCB1	SB2	16	--	105	--	--	--
	SB2	HEAD 6	16	19	--	--	--	--
	SB2	HEAD 86	16	14	--	--	--	--
	EXCB1	SB3	16	--	--	170	--	--
	SB3	HEAD 2	16	50	--	--	--	--
	SB3	HEAD 5	16	19	--	--	--	--
	SB3	HEAD 84	16	14	--	--	--	--
	SB3	HEAD 85	16	14	--	--	--	--
	EXCB1	SB4	16	--	245	--	--	--
	SB4	HEAD 3	16	41	--	--	--	--
	SB4	HEAD 83	16	14	--	--	--	--
	EXCB1	EXSB5	16	--	270	--	--	--
	EXSB5	HEAD 9	16	19	--	--	--	--
	EXSB5	HEAD 82	16	14	--	--	--	--
	EXCB1	EXSB6	16	385	--	--	--	--
	EXSB6	HEAD 81	16	14	--	--	--	--
	EXCB1	EXSB7	16	360	--	--	--	--
	EXSB7	HEAD 90	16	14	--	--	--	--
EXCB1	SB8	16	--	--	345	--	--	
SB8	HEAD 4	16	19	--	--	--	--	
SB8	HEAD 7	16	45	--	--	--	--	
EXCB1	EXSB9	16	--	240	--	--	--	
EXSB9	HEAD 8	16	45	--	--	--	--	
EXSB9	HEAD 89	16	14	--	--	--	--	
EXCB1	EXSB10	16	265	--	--	--	--	
EXSB10	HEAD 88	16	14	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)				1,443	860	515	--	--
EAST WASHINGTON AVENUE & FIRST STREET	EXCB1	SB2	16	--	--	145	--	--
	SB2	HEAD 6	16	19	--	--	--	--
	SB2	HEAD 88	16	14	--	--	--	--
	SB2	HEAD 89	16	14	--	--	--	--
	EXCB1	SB3	16	--	--	--	210	--
	SB3	HEAD 2	16	47	--	--	--	--
	SB3	HEAD 5	16	19	--	--	--	--
	SB3	HEAD 86	16	14	--	--	--	--
	SB3	HEAD 87	16	14	--	--	--	--
	EXCB1	SB4	16	230	--	--	--	--
	SB4	HEAD 16	16	19	--	--	--	--
	EXCB1	SB5	16	245	--	--	--	--
	SB5	HEAD 17	16	19	--	--	--	--
	EXCB1	EXSB6	16	325	--	--	--	--
	EXSB6	HEAD 15	16	19	--	--	--	--
	EXCB1	EXSB7	16	--	--	290	--	--
	EXSB7	HEAD 3	16	47	--	--	--	--
	EXSB7	HEAD 82	16	14	--	--	--	--
	EXSB7	HEAD 85	16	14	--	--	--	--
	EXCB1	EXSB8	16	295	--	--	--	--
EXSB8	HEAD 21	16	20	--	--	--	--	
EXCB1	EXSB9	16	--	--	295	--	--	
EXSB9	HEAD 19	16	19	--	--	--	--	
EXSB9	HEAD 22	16	20	--	--	--	--	
EXCB1	EXSB12	16	--	--	--	--	145	
EXSB12	HEAD 4	16	19	--	--	--	--	
EXSB12	HEAD 7	16	47	--	--	--	--	
EXSB12	HEAD 9	16	31	--	--	--	--	
EXSB12	HEAD 10	16	39	--	--	--	--	
EXSB12	HEAD 23	16	19	--	--	--	--	
EXCB1	EXSB13	16	--	80	--	--	--	
EXSB13	HEAD 8	16	47	--	--	--	--	
EXSB13	HEAD 90	16	14	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & FIRST ST.)				1,643	80	730	210	145

CONT'D

60631225P	REVISION	Date: 10/19/2022	Scale: NTS
60631225P	Mark	Designed By: STRANG	BY
MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS			
CITY OF MADISON, DANE COUNTY, WI			
CONTRACT NO: 60631225C			
BUS RAPID TRANSIT			
CITY OF MADISON			
			
60631225P			
MQ-52S			

C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
LAST PLOT DATE: -10/19/2022

TRAFFIC SIGNAL CABLE SUMMARY										
CONT'D FROM ABOVE		CABLE TRAFFIC SIGNAL								
		SLACK PER	CABLE TRAFFIC SIGNAL							
		PB & CB	5-14 AWG	7-14 AWG	12-14 AWG	15-14 AWG	19-14 AWG			
INTERSECTIONS	FROM	TO	L.F.	LF	LF	LF	LF	LF	LF	
EAST WASHINGTON AVENUE & FOURTH STREET	EXCB1	SB4	16	--	--	235	--	--	--	
	SB4	HEAD 2	16	45	--	--	--	--	--	
	SB4	HEAD 7	16	19	--	--	--	--	--	
	EXCB1	SB9	16	--	--	--	135	--	--	
	SB9	HEAD 5	16	50	--	--	--	--	--	
	SB9	HEAD 8	16	19	--	--	--	--	--	
	SB9	HEAD 88	16	14	--	--	--	--	--	
	SB9	HEAD 89	16	14	--	--	--	--	--	
	SUBTOTAL (EAST WASH AVE. & FOURTH ST.)			161	--	235	135	--	--	--
	EAST WASHINGTON AVENUE & MILWAUKEE STREET	EXCB1	EXSB1	16	--	27	--	--	--	--
EXSB1		HEAD 13	16	19	--	--	--	--	--	
EXSB1		HEAD 82	16	14	--	--	--	--	--	
EXCB1		SB4	16	--	--	--	225	--	--	
SB4		HEAD 1	16	19	--	--	--	--	--	
SB4		HEAD 11	16	19	--	--	--	--	--	
SB4		HEAD 81	16	14	--	--	--	--	--	
SB4		HEAD 92	16	14	--	--	--	--	--	
EXCB1		SB5	16	295	--	--	--	--	295	
SB5		HEAD 5	16	19	--	--	--	--	--	
SB5		HEAD 9	16	47	--	--	--	--	--	
SB5		HEAD 12	16	39	--	--	--	--	--	
SB5		HEAD 90	16	14	--	--	--	--	--	
SB5		HEAD 91	16	14	--	--	--	--	--	
EXCB1		SB6	16	--	370	--	--	--	--	
SB6		HEAD 10	16	47	--	--	--	--	--	
SB6		HEAD 89	16	14	--	--	--	--	--	
EXCB1		EXSB7	16	390	--	--	--	--	--	
EXSB7		HEAD 17	16	19	--	--	--	--	--	
EXCB1		SB10	16	--	--	--	215	--	--	
SB10		HEAD 6	16	19	--	--	--	--	--	
SB10		HEAD 8	16	19	--	--	--	--	--	
SB10		HEAD 86	16	14	--	--	--	--	--	
SB10	HEAD 87	16	14	--	--	--	--	--		
EXCB1	SB11	16	--	--	--	125	--	--		
SB11	HEAD 2	16	48	--	--	--	--	--		
SB11	HEAD 7	16	19	--	--	--	--	--		
SB11	HEAD 84	16	14	--	--	--	--	--		
SB11	HEAD 85	16	14	--	--	--	--	--		
EXCB1	SB12	16	--	--	68	--	--	--		
SB12	HEAD 3	16	50	--	--	--	--	--		
SB12	HEAD 4	16	40	--	--	--	--	--		
SB12	HEAD 83	16	14	--	--	--	--	--		
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)			1,262	397	68	565	295	--	--	
EAST WASHINGTON AVENUE & MARQUETTE STREET	EXCB1	SB1	16	--	--	--	42	--	--	
	SB1	HEAD 5	16	19	--	--	--	--	--	
	SB1	HEAD 7	16	19	--	--	--	--	--	
	SB1	HEAD 84	16	14	--	--	--	--	--	
	SB1	HEAD 85	16	14	--	--	--	--	--	
	EXCB1	SB2	16	--	--	--	120	--	--	
	SB2	HEAD 2	16	50	--	--	--	--	--	
	SB2	HEAD 6	16	19	--	--	--	--	--	
	SB2	HEAD 82	16	14	--	--	--	--	--	
	SB2	HEAD 83	16	14	--	--	--	--	--	
	EXCB1	SB3	16	--	210	--	--	--	--	
	SB3	HEAD 3	16	47	--	--	--	--	--	
	SB3	HEAD 81	16	14	--	--	--	--	--	
	EXCB1	SB6	16	--	--	245	--	--	--	
	SB6	HEAD 4	16	19	--	--	--	--	--	
	SB6	HEAD 8	16	47	--	--	--	--	--	
	EXCB1	EXSB7	16	--	--	165	--	--	--	
EXSB7	HEAD 9	16	50	--	--	--	--	--		
EXSB7	PUSH BUTTON	16	14	--	--	--	--	--		
EXCB1	EXSB8	16	140	--	--	--	--	--		
EXSB8	HEAD 10	16	19	--	--	--	--	--		
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)			513	210	410	162	--	--	--	

CONT'D

TRAFFIC SIGNAL CABLE SUMMARY									
CONT'D FROM ABOVE		CABLE TRAFFIC SIGNAL							
		SLACK PER	CABLE TRAFFIC SIGNAL						
		PB & CB	5-14 AWG	7-14 AWG	12-14 AWG	15-14 AWG	19-14 AWG		
INTERSECTIONS	FROM	TO	L.F.	LF	LF	LF	LF	LF	LF
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	EXCB1	EXSB1	16	125	--	--	--	--	--
	EXSB1	HEAD 11	16	19	--	--	--	--	--
	EXCB1	EXSB2	16	--	--	215	--	--	--
	EXSB2	HEAD 5	16	19	--	--	--	--	--
	EXSB2	HEAD 9	16	45	--	--	--	--	--
	EXSB2	HEAD 12	16	36	--	--	--	--	--
	EXCB1	SB3	16	325	--	--	--	--	--
	SB3	HEAD 10	16	43	--	--	--	--	--
	EXCB1	SB4	16	--	310	--	--	--	--
	SB4	HEAD 88	16	14	--	--	--	--	--
	EXCB1	EXSB6	16	--	--	--	--	440	--
	EXSB6	HEAD 6	16	19	--	--	--	--	--
	EXSB6	HEAD 8	16	19	--	--	--	--	--
	EXSB6	HEAD 15	16	--	23	--	--	--	--
	EXSB6	HEAD 86	16	14	--	--	--	--	--
	EXSB6	HEAD 87	16	14	--	--	--	--	--
	EXCB1	SB7	16	--	--	--	--	395	--
	SB7	HEAD 2	16	39	--	--	--	--	--
	SB7	HEAD 3	16	49	--	--	--	--	--
	SB7	HEAD 7	16	19	--	--	--	--	--
SB7	HEAD 84	16	14	--	--	--	--	--	
SB7	HEAD 85	16	14	--	--	--	--	--	
EXCB1	SB8	16	--	325	--	--	--	--	
SB8	HEAD 83	16	14	--	--	--	--	--	
EXCB1	SB10	16	--	265	--	--	--	--	
SB10	HEAD 82	16	14	--	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)			855	923	215	--	835	--	--
WRIGHT STREET & ANDERSON STREET	EXCB1	EXSB1	16	--	20	--	--	--	--
	EXSB1	HEAD 3	16	--	45	--	--	--	--
	EXCB1	EXSB2	16	74	--	--	--	--	--
	EXSB2	HEAD 7	16	21	--	--	--	--	--
	EXCB1	EXSB4	16	--	--	200	--	--	--
	EXSB4	HEAD 1	16	21	--	--	--	--	--
	EXSB4	HEAD 5	16	--	23	--	--	--	--
	EXSB4	HEAD 81	16	14	--	--	--	--	--
	EXCB1	EXSB5	16	--	255	--	--	--	--
	EXSB5	HEAD 6	16	47	--	--	--	--	--
EXCB1	EXSB10	16	--	--	100	--	--	--	
EXSB10	HEAD 2	16	23	--	--	--	--	--	
EXSB10	HEAD 4	16	21	--	--	--	--	--	
EXSB10	HEAD 85	16	14	--	--	--	--	--	
SUBTOTAL (WRIGHT ST. & ANDERSON ST.)			235	343	300	--	--	--	--

CONT'D

Mark	DESIGNED BY: STRAND	DATE
60631225P	10/19/2022	

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
BUS RAPID TRANSIT  
CITY OF MADISON



60631225P  
MQ-53S

TRAFFIC SIGNAL CABLE SUMMARY

CONT'D FROM ABOVE		SLACK PER PB & CB L.F.	CABLE TRAFFIC SIGNAL					
INTERSECTIONS	FROM TO		655.0230 5-14 AWG L.F.	655.0240 7-14 AWG L.F.	655.0260 12-14 AWG L.F.	655.0270 15-14 AWG L.F.	655.0280 19-14 AWG L.F.	
EAST WASHINGTON AVENUE & MENDOTA STREET	EXCB1	SB2	16	--	--	--	69	--
	SB2	HEAD 1	16	19	--	--	--	--
	SB2	HEAD 13	16	20	--	--	--	--
	SB2	HEAD 81	16	14	--	--	--	--
	SB2	HEAD 88	16	14	--	--	--	--
	EXCB1	SB3	16	--	--	--	--	175
	SB3	HEAD 5	16	19	--	--	--	--
	SB3	HEAD 9	16	35	--	--	--	--
	SB3	HEAD 10	16	45	--	--	--	--
	SB3	HEAD 14	16	20	--	--	--	--
	EXCB1	SB4	16	--	230	--	--	--
	SB4	HEAD 11	16	44	--	--	--	--
	SB4	HEAD 87	16	14	--	--	--	--
	EXCB1	EXSB5	16	--	270	--	--	--
	EXSB5	HEAD 16	16	--	23	--	--	--
	EXCB1	EXSB6	16	--	390	--	--	--
	EXSB6	HEAD 17	16	--	23	--	--	--
	EXCB1	EXSB7	16	345	--	--	--	--
	EXSB7	HEAD 6	16	20	--	--	--	--
	EXCB1	SB8	16	--	--	--	--	275
SB8	HEAD 2	16	34	--	--	--	--	
SB8	HEAD 3	16	45	--	--	--	--	
SB8	HEAD 7	16	20	--	--	--	--	
SB8	HEAD 12	16	20	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)			728	936	--	69	450	--
EAST WASHINGTON AVENUE & PORTAGE ROAD	EXCB1	SB6	16	--	425	--	--	--
	SB6	HEAD 8	16	50	--	--	--	--
	SB6	HEAD 86	16	14	--	--	--	--
SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)			64	425	--	--	--	--

CONT'D

CONT'D FROM ABOVE

INTERSECTIONS	FROM	TO	SLACK PER PB & CB L.F.	CABLE TRAFFIC SIGNAL				
				655.0230 5-14 AWG L.F.	655.0240 7-14 AWG L.F.	655.0260 12-14 AWG L.F.	655.0270 15-14 AWG L.F.	655.0280 19-14 AWG L.F.
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	EXCB1	SB1	16	--	--	120	--	--
	SB1	HEAD 7	16	19	--	--	--	--
EAST SPRINGS DRIVE	SB1	HEAD 9	16	19	--	--	--	--
	SB1	HEAD 84	16	14	--	--	--	--
EXCB1	SB2	16	--	105	--	--	--	
SB2	HEAD 85	16	14	--	--	--	--	
EXCB1	EXSB3	16	215	--	--	--	--	
EXSB3	HEAD 8	16	19	--	--	--	--	
EXSB3	HEAD 83	16	14	--	--	--	--	
EXCB1	EXSB4	16	--	--	215	--	--	
EXSB4	HEAD 2	16	43	--	--	--	--	
EXSB4	HEAD 3	16	53	--	--	--	--	
EXSB4	HEAD 82	16	14	--	--	--	--	
EXCB1	SB5	16	215	--	--	--	--	
SB5	PUSH BUTTON	16	6	--	--	--	--	
EXCB1	EXSB6	16	--	--	295	--	--	
EXSB6	HEAD 4	16	50	--	--	--	--	
EXSB6	HEAD 5	16	40	--	--	--	--	
EXSB6	HEAD 81	16	14	--	--	--	--	
EXCB1	EXSB7	16	345	--	--	--	--	
EXSB7	HEAD 17	16	19	--	--	--	19	
EXCB1	EXSB8	16	410	--	--	--	--	
EXSB8	HEAD 1	16	19	--	--	--	--	
EXCB1	EXSB9	16	--	--	410	--	--	
EXSB9	HEAD 6	16	19	--	--	--	--	
EXSB9	HEAD 18	16	19	--	--	--	--	
EXCB1	EXSB10	16	--	--	350	--	--	
EXSB10	HEAD 10	16	33	--	--	--	--	
EXSB10	HEAD 11	16	43	--	--	--	--	
EXSB10	HEAD 15	16	19	--	--	--	--	
EXCB1	EXSB11	16	--	--	270	--	--	
EXSB11	HEAD 12	16	49	--	--	--	--	
EXSB11	HEAD 13	16	41	--	--	--	--	
EXSB11	HEAD 19	16	33	--	--	--	--	
EXCB1	EXSB12	16	--	225	--	--	--	
EXSB12	HEAD 14	16	23	--	--	--	--	
EXSB12	HEAD 86	16	14	--	--	--	--	
EXCB1	EXSB13	16	160	--	--	--	--	
EXSB13	HEAD 16	16	19	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & E SPRINGS DR.)				2,014	330	1,660	--	--
TOTALS				11,416	4,903	4,563	1,911	1,725

BY	DATE
REVISION	Date
Mark	10/19/2022
Designed By: STR/MD	60631225P

MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
MQ-54S







TRAFFIC SIGNAL MOUNTING HARDWARE

LOCATION	SPV.0105.276 LS	SPV.0105.277 LS	SPV.0105.278 LS	SPV.0105.279 LS	SPV.0105.280 LS	SPV.0105.281 LS	SPV.0105.282 LS	SPV.0105.284 LS	SPV.0105.285 LS	SPV.0105.286 LS	SPV.0105.287 LS	SPV.0105.289 LS
EAST WASHINGTON AVENUE & BLAIR STREET	1	--	--	--	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & PATERSON STREET	--	1	--	--	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & BALDWIN STREET	--	--	1	--	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & FIRST STREET	--	--	--	1	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & FOURTH STREET	--	--	--	--	1	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & MILWAUKEE STREET	--	--	--	--	--	1	--	--	--	--	--	--
EAST WASHINGTON AVENUE & MARQUETTE STREET	--	--	--	--	--	--	1	--	--	--	--	--
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	--	--	--	--	--	--	--	1	--	--	--	--
WRIGHT STREET & ANDERSON STREET	--	--	--	--	--	--	--	--	1	--	--	--
EAST WASHINGTON AVENUE & MENDOTA STREET	--	--	--	--	--	--	--	--	--	1	--	--
EAST WASHINGTON AVENUE & PORTAGE ROAD	--	--	--	--	--	--	--	--	--	--	1	--
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	--	--	--	--	--	--	--	--	--	--	--	1

REMOVING TRAFFIC SIGNALS

LOCATION	SPV.0105.241 LS	SPV.0105.242 LS	SPV.0105.243 LS	SPV.0105.244 LS	SPV.0105.245 LS	SPV.0105.246 LS	SPV.0105.247 LS	SPV.0105.248 LS	SPV.0105.220 LS	SPV.0105.249 LS	SPV.0105.250 LS	SPV.0105.223 LS
EAST WASHINGTON AVENUE & BLAIR STREET	1	--	--	--	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & PATERSON STREET	--	1	--	--	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & BALDWIN STREET	--	--	1	--	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & FIRST STREET	--	--	--	1	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & FOURTH STREET	--	--	--	--	1	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & MILWAUKEE STREET	--	--	--	--	--	1	--	--	--	--	--	--
EAST WASHINGTON AVENUE & MARQUETTE STREET	--	--	--	--	--	--	1	--	--	--	--	--
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	--	--	--	--	--	--	--	1	--	--	--	--
WRIGHT STREET & ANDERSON STREET	--	--	--	--	--	--	--	--	1	--	--	--
EAST WASHINGTON AVENUE & MENDOTA STREET	--	--	--	--	--	--	--	--	--	1	--	--
EAST WASHINGTON AVENUE & PORTAGE ROAD	--	--	--	--	--	--	--	--	--	--	1	--
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	--	--	--	--	--	--	--	--	--	--	--	1

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

LOCATION	SPV.0105.231 LS	SPV.0105.232 LS	SPV.0105.233 LS	SPV.0105.234 LS	SPV.0105.235 LS	SPV.0105.236 LS	SPV.0105.237 LS	SPV.0105.238 LS	SPV.0105.239 LS	SPV.0105.290 LS
EAST WASHINGTON AVENUE & BLAIR STREET	1	--	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & PATERSON STREET	--	1	--	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & BALDWIN STREET	--	--	1	--	--	--	--	--	--	--
EAST WASHINGTON AVENUE & FIRST STREET	--	--	--	1	--	--	--	--	--	--
EAST WASHINGTON AVENUE & FOURTH STREET	--	--	--	--	1	--	--	--	--	--
EAST WASHINGTON AVENUE & MILWAUKEE STREET	--	--	--	--	--	1	--	--	--	--
EAST WASHINGTON AVENUE & MARQUETTE STREET	--	--	--	--	--	--	1	--	--	--
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	--	--	--	--	--	--	--	1	--	--
EAST WASHINGTON AVENUE & MENDOTA STREET	--	--	--	--	--	--	--	--	1	--
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	--	--	--	--	--	--	--	--	--	1

Mark	60631225P
Designed By: STRONG	
REVISION	Date: 10/19/2022
DATE	Scale: NTS
BY	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ-57S

TRAFFIC SIGNAL FACES SUMMARY

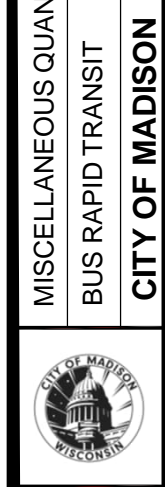
INTERSECTION	SIGNAL HEAD NO.	SIGNAL BASE NO.	SPV.0060.220	SPV.0060.221	SPV.0060.222	SPV.0060.223	SPV.0060.224	SPV.0060.225	SPV.0060.226	SPV.0060.227
			INSTALL	INSTALL	INSTALL	INSTALL	INSTALL TRAFFIC	INSTALL	INSTALL	INSTALL
			TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 4-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 5-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	BACKPLATES SIGNAL FACE 3-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 4-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 5-SECTION 12-INCH EACH
EAST WASHINGTON AVENUE & BLAIR STREET	2	EXSB11	1	--	--	--	--	1	--	--
	3	EXSB11	1	--	--	--	--	1	--	--
	5	SB10	1	--	--	--	--	1	--	--
	6	SB10	1	--	--	--	--	1	--	--
	7	EXSB9	1	--	--	--	--	1	--	--
	9	EXSB6	1	--	--	--	--	1	--	--
	10	EXSB6	1	--	--	--	--	1	--	--
	12	EXSB6	--	1	--	--	--	--	1	--
	17	EXSB7	1	--	--	--	--	1	--	--
	18	EXSB1	1	--	--	--	--	1	--	--
	19	EXSB2	1	--	--	--	--	1	--	--
	82	EXSB11	--	--	--	--	1	--	--	--
	83	EXSB11	--	--	--	--	1	--	--	--
	84	SB10	--	--	--	--	1	--	--	--
	85	SB10	--	--	--	--	1	--	--	--
	86	EXSB9	--	--	--	--	1	--	--	--
	87	EXSB9	--	--	--	--	1	--	--	--
	89	SB6	--	--	--	--	1	--	--	--
	SUBTOTAL (EAST WASH AVE. & BLAIR ST.)			10	1	--	--	7	10	1
EAST WASHINGTON AVENUE & PATERSON STREET	2	SB4	1	--	--	--	--	1	--	--
	3	SB5	1	--	--	--	--	1	--	--
	4	SB9	1	--	--	--	--	1	--	--
	5	SB4	1	--	--	--	--	1	--	--
	6	SB3	1	--	--	--	--	1	--	--
	7	SB9	1	--	--	--	--	1	--	--
	9	EXSB6	1	--	--	--	--	1	--	--
	12	EXSB1	1	--	--	--	--	1	--	--
	81	EXSB7	--	--	--	--	1	--	--	--
	82	EXSB6	--	--	--	--	1	--	--	--
	83	SB5	--	--	--	--	1	--	--	--
	84	SB4	--	--	--	--	1	--	--	--
	85	SB4	--	--	--	--	1	--	--	--
	86	SB3	--	--	--	--	1	--	--	--
87	EXSB2	--	--	--	--	1	--	--	--	
88	EXSB1	--	--	--	--	1	--	--	--	
89	EXSB10	--	--	--	--	1	--	--	--	
90	EXSB8	--	--	--	--	1	--	--	--	
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)			8	--	--	--	10	8	--	--
EAST WASHINGTON AVENUE & BALDWIN STREET	2	SB3	1	--	--	--	--	1	--	--
	3	SB4	1	--	--	--	--	1	--	--
	4	SB8	1	--	--	--	--	1	--	--
	5	SB3	1	--	--	--	--	1	--	--
	6	SB2	1	--	--	--	--	1	--	--
	7	SB8	1	--	--	--	--	1	--	--
	8	EXSB9	1	--	--	--	--	1	--	--
	9	EXSB5	1	--	--	--	--	1	--	--
	81	EXSB6	--	--	--	--	1	--	--	--
	82	EXSB5	--	--	--	--	1	--	--	--
	83	SB4	--	--	--	--	1	--	--	--
	84	SB3	--	--	--	--	1	--	--	--
	85	SB3	--	--	--	--	1	--	--	--
	86	SB2	--	--	--	--	1	--	--	--
87	EXSB1	--	--	--	--	1	--	--	--	
88	EXSB10	--	--	--	--	1	--	--	--	
89	EXSB9	--	--	--	--	1	--	--	--	
90	EXSB7	--	--	--	--	1	--	--	--	
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)			8	--	--	--	10	8	--	--

CONT'D

REVISION	DATE	BY

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-58S

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 LAST PLOT DATE - 10/19/2022  
 FILE NAME

CONT'D FROM ABOVE

TRAFFIC SIGNAL FACES SUMMARY

INTERSECTION	SIGNAL HEAD NO.	SIGNAL BASE NO.	SPV.0060.220	SPV.0060.221	SPV.0060.222	SPV.0060.223	SPV.0060.224	SPV.0060.225	SPV.0060.226	SPV.0060.227
			INSTALL	INSTALL	INSTALL	INSTALL	INSTALL TRAFFIC SIGNAL HEADS	INSTALL	INSTALL	INSTALL
			TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 4-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 5-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	TRAFFIC SIGNAL SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	BACKPLATES SIGNAL FACE 3-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 4-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 5-SECTION 12-INCH EACH
EAST WASHINGTON AVENUE & FIRST STREET	2	SB3	1	--	--	--	--	1	--	--
	3	EXSB7	1	--	--	--	--	1	--	--
	4	EXSB12	1	--	--	--	--	1	--	--
	5	SB3	1	--	--	--	--	1	--	--
	6	SB2	1	--	--	--	--	1	--	--
	7	EXSB12	1	--	--	--	--	1	--	--
	8	EXSB13	1	--	--	--	--	1	--	--
	9	EXSB12	1	--	--	--	--	1	--	--
	10	EXSB12	1	--	--	--	--	1	--	--
	15	EXSB6	1	--	--	--	--	1	--	--
	16	SB4	1	--	--	--	--	1	--	--
	17	SB5	1	--	--	--	--	1	--	--
	19	EXSB9	1	--	--	--	--	1	--	--
	21	EXSB8	--	1	--	--	--	--	1	--
	22	EXSB9	--	1	--	--	--	--	1	--
	23	EXSB12	--	--	--	1	--	1	--	--
	82	EXSB7	--	--	--	--	1	--	--	--
	85	EXSB7	--	--	--	--	1	--	--	--
	86	SB3	--	--	--	--	1	--	--	--
	87	SB3	--	--	--	--	1	--	--	--
88	SB2	--	--	--	--	1	--	--	--	
89	SB2	--	--	--	--	1	--	--	--	
90	EXSB13	--	--	--	--	1	--	--	--	
SUBTOTAL (EAST WASH AVE. & FIRST ST.)			13	2	--	1	7	14	2	--
EAST WASHINGTON AVENUE & FOURTH STREET	2	SB4	1	--	--	--	--	1	--	--
	5	SB9	1	--	--	--	--	1	--	--
	7	SB4	1	--	--	--	--	1	--	--
	8	SB9	1	--	--	--	--	1	--	--
	88	SB9	--	--	--	--	1	--	--	--
	89	SB9	--	--	--	--	1	--	--	--
SUBTOTAL (EAST WASH AVE. & FOURTH ST.)			4	--	--	--	2	4	--	--
EAST WASHINGTON AVENUE & MILWAUKEE STREET	1	SB4	1	--	--	--	--	1	--	--
	2	SB11	1	--	--	--	--	1	--	--
	3	SB12	1	--	--	--	--	1	--	--
	4	SB12	1	--	--	--	--	1	--	--
	5	SB5	1	--	--	--	--	1	--	--
	6	SB10	1	--	--	--	--	1	--	--
	7	SB11	1	--	--	--	--	1	--	--
	8	SB10	1	--	--	--	--	1	--	--
	9	SB5	1	--	--	--	--	1	--	--
	10	SB6	1	--	--	--	--	1	--	--
	11	SB4	1	--	--	--	--	1	--	--
	12	SB5	1	--	--	--	--	1	--	--
	13	EXSB1	1	--	--	--	--	1	--	--
	17	EXSB7	1	--	--	--	--	1	--	--
	81	SB4	--	--	--	--	1	--	--	--
	82	EXSB1	--	--	--	--	1	--	--	--
83	SB12	--	--	--	--	1	--	--	--	
84	SB11	--	--	--	--	1	--	--	--	
85	SB11	--	--	--	--	1	--	--	--	
86	SB10	--	--	--	--	1	--	--	--	
87	SB10	--	--	--	--	1	--	--	--	
89	SB6	--	--	--	--	1	--	--	--	
90	SB5	--	--	--	--	1	--	--	--	
91	SB5	--	--	--	--	1	--	--	--	
92	SB4	--	--	--	--	1	--	--	--	
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)			14	--	--	--	11	14	--	--

CONT'D

Mark	REVISION	Date	BY
60631225P		10/19/2022	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-59S

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 LAST PLOT DATE - 10/19/2022



CONT'D FROM ABOVE

TRAFFIC SIGNAL FACES SUMMARY

INTERSECTION	SIGNAL HEAD NO.	SIGNAL BASE NO.	SPV.0060.220	SPV.0060.221	SPV.0060.222	SPV.0060.223	SPV.0060.224	SPV.0060.225	SPV.0060.226	SPV.0060.227
			INSTALL	INSTALL	INSTALL	INSTALL	INSTALL TRAFFIC	INSTALL	INSTALL	INSTALL
			TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 4-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 5-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	BACKPLATES SIGNAL FACE 3-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 4-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 5-SECTION 12-INCH EACH
EAST WASHINGTON AVENUE & MARQUETTE STREET	2	SB2	1	--	--	--	--	1	--	--
	3	SB3	1	--	--	--	--	1	--	--
	4	SB6	1	--	--	--	--	1	--	--
	5	SB1	1	--	--	--	--	1	--	--
	6	SB2	1	--	--	--	--	1	--	--
	7	SB1	1	--	--	--	--	1	--	--
	8	SB6	1	--	--	--	--	1	--	--
	9	SB7	1	--	--	--	--	1	--	--
	10	EXSB8	1	--	--	--	--	1	--	--
	81	SB3	--	--	--	--	1	--	--	--
	82	SB2	--	--	--	--	1	--	--	--
	83	SB2	--	--	--	--	1	--	--	--
	84	SB1	--	--	--	--	1	--	--	--
	85	SB1	--	--	--	--	1	--	--	--
	SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)			9	--	--	--	5	9	--
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	2	SB7	1	--	--	--	--	1	--	--
	3	SB7	1	--	--	--	--	1	--	--
	5	EXSB2	1	--	--	--	--	1	--	--
	6	EXSB6	1	--	--	--	--	1	--	--
	7	SB7	1	--	--	--	--	1	--	--
	8	EXSB6	1	--	--	--	--	1	--	--
	9	EXSB2	1	--	--	--	--	1	--	--
	10	SB3	1	--	--	--	--	1	--	--
	11	EXSB1	1	--	--	--	--	1	--	--
	12	EXSB2	1	--	--	--	--	1	--	--
	15	EXSB6	--	--	1	--	--	--	--	1
	82	SB9	--	--	--	--	1	--	--	--
	83	SB8	--	--	--	--	1	--	--	--
	84	SB7	--	--	--	--	1	--	--	--
	85	SB7	--	--	--	--	1	--	--	--
86	EXSB6	--	--	--	--	1	--	--	--	
87	EXSB6	--	--	--	--	1	--	--	--	
88	SB4	--	--	--	--	1	--	--	--	
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)			10	--	1	--	7	10	--	1
WRIGHT STREET & ANDERSON STREET	1	EXSB4	1	--	--	--	--	1	--	--
	2	EXSB10	--	--	1	--	--	--	--	1
	3	EXSB1	--	--	1	--	--	--	--	1
	4	EXSB10	1	--	--	--	--	1	--	--
	5	EXSB4	--	--	1	--	--	--	--	1
	6	EXSB5	--	--	1	--	--	--	--	1
	7	EXSB2	1	--	--	--	--	1	--	--
	81	EXSB4	--	--	--	--	1	--	--	--
SUBTOTAL (WRIGHT ST. & ANDERSON ST.)			3	--	4	--	1	3	--	4

CONT'D

Mark	REVISION	Date	Scale
60631225P		10/19/2022	N/T

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ-60S

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 LAST PLOT DATE - 10/19/2022

CONT'D FROM ABOVE

TRAFFIC SIGNAL FACES SUMMARY

INTERSECTION	SIGNAL HEAD NO.	SIGNAL BASE NO.	SPV.0060.220	SPV.0060.221	SPV.0060.222	SPV.0060.223	SPV.0060.224	SPV.0060.225	SPV.0060.226	SPV.0060.227
			INSTALL	INSTALL	INSTALL	INSTALL	INSTALL TRAFFIC	INSTALL	INSTALL	INSTALL
			TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 4-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 5-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	BACKPLATES SIGNAL FACE 3-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 4-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 5-SECTION 12-INCH EACH
EAST WASHINGTON AVENUE & MENDOTA STREET	1	SB2	1	--	--	--	--	1	--	--
	2	SB8	1	--	--	--	--	1	--	--
	3	SB8	1	--	--	--	--	1	--	--
	5	SB3	--	1	--	--	--	--	1	--
	6	EXSB7	--	1	--	--	--	--	1	--
	7	SB8	--	1	--	--	--	--	1	--
	9	SB3	1	--	--	--	--	1	--	--
	10	SB3	1	--	--	--	--	1	--	--
	11	SB4	1	--	--	--	--	1	--	--
	12	SB8	--	1	--	--	--	--	1	--
	13	SB2	--	1	--	--	--	--	1	--
	14	SB3	--	1	--	--	--	--	1	--
16	EXSB5	--	--	1	--	--	--	--	1	
17	EXSB6	--	--	1	--	--	--	--	1	
81	SB2	--	--	--	--	1	--	--	--	
87	SB4	--	--	--	--	1	--	--	--	
88	SB2	--	--	--	--	1	--	--	--	
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)			6	6	2	--	3	6	6	2
EAST WASHINGTON AVENUE & PORTAGE ROAD	8	SB6	1	--	--	--	--	1	--	--
	86	SB6	--	--	--	--	1	--	--	--
SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)			1	--	--	--	1	1	--	--
EAST WASHINGTON AVENUE & E SPRINGS DRIVE	7	SB1	1	--	--	--	--	1	--	--
	9	SB1	1	--	--	--	--	1	--	--
	13	EXSB11	1	--	--	--	--	1	--	--
	16	EXSB13	1	--	--	--	--	1	--	--
	17	EXSB7	1	--	--	--	--	1	--	--
	18	EXSB9	1	--	--	--	--	1	--	--
	19	EXSB11	--	--	--	1	--	1	--	--
	81	EXSB6	--	--	--	--	1	--	--	--
	82	EXSB4	--	--	--	--	1	--	--	--
	83	EXSB3	--	--	--	--	1	--	--	--
84	SB1	--	--	--	--	1	--	--	--	
85	SB2	--	--	--	--	1	--	--	--	
SUBTOTAL (EAST WASH AVE. & E SPRINGS DR.)			6	--	--	1	5	7	--	--
TOTALS			92	9	7	2	69	94	9	7

Mark	REVISION	Date	BY
60631225P		10/19/2022	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-61S

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 FILE NAME

REMOVING PULL BOXES			
INTERSECTION	PULL BOX NO.	LOCATION	653.0905 EACH
EAST WASHINGTON AVENUE & BLAIR STREET	EXPB1	EXISTING	1
SUBTOTAL (EAST WASH AVE. & BLAIR ST.)			1
EAST WASHINGTON AVENUE & PATERSON STREET	EXPB1 EXPB2	EXISTING EXISTING	1 1
SUBTOTAL (EAST WASH AVE. & PATERSON ST.)			2
EAST WASHINGTON AVENUE & BALDWIN STREET	EXPB1	EXISTING	1
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)			1
EAST WASHINGTON AVENUE & FIRST STREET	EXPB1	EXISTING	1
SUBTOTAL (EAST WASH AVE. & FIRST ST.)			1
EAST WASHINGTON AVENUE & FOURTH STREET	EXPB1	EXISTING	1
SUBTOTAL (EAST WASH AVE. & FOURTH ST.)			1
EAST WASHINGTON AVENUE & MILWAUKEE STREET	EXPB1 EXPB2 EXPB3 EXPB4	EXISTING EXISTING EXISTING EXISTING	1 1 1 1
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)			4
EAST WASHINGTON AVENUE & MARQUETTE STREET	EXPB1 EXPB2	EXISTING EXISTING	1 1
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)			2
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	EXPB1 EXPB2	EXISTING EXISTING	1 1
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)			2
EAST WASHINGTON AVENUE & MENDOTA STREET	EXPB1 EXPB2 EXPB4 EXPB5	EXISTING EXISTING EXISTING EXISTING	1 1 1 1
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)			4
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	EXPB2 EXPB4 EXPB5 EXPB6	EXISTING EXISTING EXISTING EXISTING	1 1 1 1
SUBTOTAL (EAST WASH AVE. & EAST SPRINGS DR.)			4
TOTAL			22

ADJUSTING PULL BOXES			
	PULL BOX NO.	LOCATION	653.0900 EACH
EAST WASHINGTON AVENUE & BLAIR STREET	EXPB2	EXISTING	1
SUBTOTAL (EAST WASH AVE. & BLAIR ST.)			1
EAST WASHINGTON AVENUE & BALDWIN STREET	EXPB2	EXISTING	1
SUBTOTAL (EAST WASH AVE. & BALDWIN ST.)			1
EAST WASHINGTON AVENUE & FIRST STREET	EXPB2	EXISTING	1
SUBTOTAL (EAST WASH AVE. & FIRST ST.)			1
EAST WASHINGTON AVENUE & MILWAUKEE STREET	EXPB5 EXPB6 EXPB7 EXPB8	EXISTING EXISTING EXISTING EXISTING	1 1 1 1
SUBTOTAL (EAST WASH AVE. & MILWAUKEE ST.)			4
EAST WASHINGTON AVENUE & MARQUETTE STREET	EXPB3	EXISTING	1
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)			1
EAST WASHINGTON AVENUE & MENDOTA STREET	EXPB3	EXISTING	1
SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)			1
EAST WASHINGTON AVENUE & PORTAGE ROAD	EXPB1 EXPB2 EXPB3	EXISTING EXISTING EXISTING	1 1 1
SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)			3
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	EXPB1 EXPB3 EXPB7	EXISTING EXISTING EXISTING	1 1 1
SUBTOTAL (EAST WASH AVE. & EAST SPRINGS DR.)			3
TOTAL			15

INSTALL PLATFORM APS SYSTEM 4 PUSH BUTTONS	
LOCATION	SPV.0060.228 EACH
EAST WASHINGTON AVENUE & BLAIR STREET	1
EAST WASHINGTON AVENUE & PATERSON STREET	1
EAST WASHINGTON AVENUE & BALDWIN STREET	1
EAST WASHINGTON AVENUE & FIRST STREET	1
EAST WASHINGTON AVENUE & FOURTH STREET	1
EAST WASHINGTON AVENUE & MILWAUKEE STREET	2
EAST WASHINGTON AVENUE & MARQUETTE STREET	1
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	1
WRIGHT STREET & ANDERSON STREET	1
EAST WASHINGTON AVENUE & MENDOTA STREET	1
EAST WASHINGTON AVENUE & PORTAGE ROAD	--
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	1
TOTAL 12	

Mark	REVISION	DATE	BY
Designed By: STRONG			
60631225P		10/19/2022	

**60631225P**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



MISCELLANEOUS QUANTITIES: BRT EAST SIGNALS  
 BUS RAPID TRANSIT  
**CITY OF MADISON**

60631225P

MQ-62S

**CONDUIT**

LOC.	TO	LOC.	652.0225	652.0235	652.0615
			Conduit Rigid Nonmetallic Schedule 40 2-Inch LF	Conduit Rigid Nonmetallic Schedule 40 3-Inch LF	Conduit Special 3-Inch LF
CB1		PB1		39	
PB1		PB2	252		
PB1		PB3			108
PB3		SB2	20		
PB3		PB4			98
PB4		SB3	25		
PB4		PB5		98	
PB5		SB4	10		
PB5		PB6			96
PB6		SB5	14		
PB6		PB7		182	
PB7		SB6	17		
PB7		PB8	261		
PB7		PB9			118
PB9		SB7	5		
PB9		PB10			104
PB10		SB8	8		
PB10		PB11		118	
PB11		SB9	18		
PB11		PB12			76
PB12		SB10	25		
PB12		PB13		90	
PB13		SB1	27		
PB13		CB1		126	
<b>TOTAL</b>			<b>682</b>	<b>653</b>	<b>600</b>

**PULL BOXES**

PULL BOX NO.	Install	
	Electrical Pull Box Type III EACH	Electrical Pull Box Type V EACH
PB1		1
PB2	1	
PB3		1
PB4		1
PB5		1
PB6		1
PB7		1
PB8	1	
PB9		1
PB10		1
PB11		1
PB12		1
PB13		1
<b>TOTAL</b>	<b>2</b>	<b>11</b>

**CONCRETE BASES**

SIGNAL BASE NO.	Concrete Bases Type G		Concrete Bases Type P	
	Concrete Bases Type G EACH	Concrete Bases Type P LB-8 EACH	Concrete Bases Type P LB-SP EACH	Concrete Bases Type P LB-SP EACH
CB1			1	
SB1	1			
SB2		1		
SB3		1		
SB4		EXISTING		
SB5		1		
SB6	1			
SB7		1		
SB8		1		
SB9				1
SB10		1		
<b>TOTAL</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>1</b>

**TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE**

LOC.	TO	LOC.	655.0230	655.0260	655.0270	655.0280	655.0515
			Cable Traffic Signal 5-14 AWG LF	Cable Traffic Signal 12-14 AWG LF	Cable Traffic Signal 15-14 AWG LF	Cable Traffic Signal 19-14 AWG LF	Electrical Wire Traffic Signals 10 AWG LF
CB1		SB1		97			97
CB1		SB2				130	130
CB1		SB3		200			
CB1		SB4		248			
CB1		SB5			320		
CB1		SB6		418			
CB1		SB7				341	
CB1		SB8		265			
CB1		SB9		201			
CB1		SB10			153		
SB2		SB3					134
SB3		SB4					124
SB4		SB5					112
SB5		SB6					163
SB6		SB7					140
SB7		SB8					123
SB8		SB9					125
SB9		SB10					120
SB10		SB1					137
SB1		HEAD 5	19				
SB1		HEAD 4D	15				
SB2		HEAD 2	34				
SB2		HEAD 3	46				
SB2		HEAD 8	19				
SB2		HEAD 4B	15				
SB2		HEAD 4C	15				
SB3		HEAD 4	46				
SB3		HEAD 4A	15				
SB4		HEAD 10	19				
SB4		HEAD 6B	15				
SB5		HEAD 14	41				
SB5		HEAD 15	19				
SB5		HEAD 6A	15				
SB6		HEAD 1	19				
SB6		HEAD 3D	15				
SB7		HEAD 6	51				
SB7		HEAD 9	19				
SB7		HEAD 3B	15				
SB7		HEAD 3C	15				
SB8		HEAD 7	41				
SB8		HEAD 3A	15				
SB9		HEAD 13	19				
SB9		HEAD 2B	15				
SB10		HEAD 11	41				
SB 10		HEAD 12	19				
SB 10		HEAD 2A	15				
<b>TOTAL</b>			<b>632</b>	<b>1428</b>	<b>473</b>	<b>471</b>	<b>1405</b>

Mark	TSI	Scale: NTS
Designed By:	Date:	BY:
60631225P	10/26/2022	

MISCELLANEOUS QUANTITIES: E WASHINGTON AVE AT MELVIN CT/RETHKE AVE 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-63S

TRAFFIC DETECTOR LOOPS

652.0900 655.0800 SPV.0090.201 SPV.0090.209

LOOP NO.	HOEM RUN PB	LOCATION	FT	SIZE		NO. OF TURNS	Loop Detector	Loop Detector	Loop Detector	Sawed in Bicycle Loop
				X	FT		Slots LF	Wire LF	Lead In Cable LF	Detection LF
21	PB2		6	X	10	5	63	327	274	
22	PB2		6	X	10	5	53	277	274	
23	PB2		6	X	10	5	43	227	274	
24	PB3		6	X	10	5	47	247	76	
25	PB1		6	X	10	5	57	297	22	
26	PB1		6	X	10	5	46	242	22	
31	PB11		6	X	10	4	53	224	134	
32	PB11		6	X	10	4	46	196	134	
41	PB5		6	X	10	4	51	216	175	
42	PB5		6	X	10	4	45	192	175	
401	PB5		6	X	3	3				24
51	PB3		6	X	10	5	37	197	76	
52	PB3		6	X	10	5	38	202	76	
61	PB8		6	X	10	5	65	337	565	
62	PB8		6	X	10	5	54	282	565	
63	PB8		6	X	10	5	44	232	565	
64	PB9		6	X	10	5	49	257	245	
65	PB7		6	X	10	5	59	307	303	
66	PB7		6	X	10	5	48	252	303	
TOTAL							898	4511	4258	24

TRAFFIC SIGNAL EQUIPMENT

SIGNAL BASE NO.	SPV.0060.256	SPV.0060.249	SPV.0060.247	SPV.0060.242	SPV.0060.244	SPV.0060.251	SPV.0060.253	SPV.0060.255	SPV.0060.279	SPV.0060.267
	Install Pedestal Bases (Green) EACH	Install Signal Standards Aluminum 13-FT (Green) EACH	Install Pole 20-Foot 7 Gauge (Green) EACH	Install Lighting Assembly Type III EACH	Install Lighting Assembly Type III Pole EACH	Install Signal Trombone Arm 15-Foot (Green) EACH	Install Signal Trombone Arm 20-Foot (Green) EACH	Install Signal Trombone Arm 25-Foot (Green) EACH	Install Pedestrian Push Buttons EACH	Install EVP Detector EACH
SB1	1	1							1	
SB2			1				1		1	1
SB3			1				1		1	
SB4									1	
SB5			1			1			1	
SB6	1	1							1	
SB7			1					1	1	
SB8			1			1			1	1
SB9				1	1				1	
SB10			1			1			1	
TOTAL	2	2	6	1	1	3	2	1	10	2

Mark	REVISION	DATE	BY
Designed By: TSI	Date: 10/17/2022	Scale: NTS	

MISCELLANEOUS QUANTITIES: E WASHINGTON AVE AT MELVIN CT/RETHKE AVE 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
MQ-64S

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 LAST PLOT DATE: -10/17/2022  
 FILE NAME:

**TRAFFIC SIGNAL FACES**

SIGNAL HEAD NO.	SIGNAL BASE NO.	SPV.0060.220 Install Traffic Signal Heads 12-Inch 3-Section EACH	SPV.0060.224 Install Traffic Signal Heads 16-Inch Pedestrian With Countdown EACH	SPV.0060.225 Install Backplates Signal Face 3-Inch EACH
1	SB6	1		1
2	SB2	1		1
3	SB2	1		1
4	SB3	1		1
5	SB1	1		1
6	SB7	1		1
7	SB8	1		1
8	SB2	1		1
9	SB7	1		1
10	SB4	1		1
11	SB10	1		1
12	SB10	1		1
13	SB9	1		1
14	SB5	1		1
15	SB5	1		1
2A	SB10		1	
2B	SB9		1	
4A	SB3		1	
4B	SB2		1	
4C	SB2		1	
4D	SB1		1	
6A	SB5		1	
6B	SB4		1	
3A	SB8		1	
3B	SB7		1	
3C	SB7		1	
3D	SB6		1	
<b>TOTAL</b>		<b>15</b>	<b>12</b>	<b>15</b>

**TRAFFIC SIGNAL CABINET**

LOCATION	SPV.0060.229 Install NEMA TS2 Type 1 Traffic Controller Cabinet EACH	SPV.0060.231 Optical Signal Preempt System EACH
WASHINGTON & MELVIN\RETHKE	1	1

**SIGNAL MOUNTING HARDWARE**

LOCATION	SPV.0105.283 Install Signal Mounting Hardware (Melvin) L.S.
WASHINGTON & MELVIN\RETHKE	1

**ELECTRICAL SERVICE**

CABINET NO.	LOCATION	SPV.0105.2001 Install Electrical Service Meter Breaker Pedestal (Melvin) L.S.
CB1	WASHINGTON & MELVIN\RETHKE	1

Mark	REVISION	DATE	BY
Designed By: TSI	Date: 10/17/2022	Scale: NTS	

MISCELLANEOUS QUANTITIES: E WASHINGTON AVE AT MELVIN CT/RETHKE AVE 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
**CITY OF MADISON**



60631225P  
 MQ-65S

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 LAST PLOT DATE: -10/17/2022  
 FILE NAME:



**CONDUIT**

LOC.	TO	LOC.	652.0225	652.0235	652.0615
			Conduit Rigid Nonmetallic Schedule 40 2-Inch LF	Conduit Rigid Nonmetallic Schedule 40 3-Inch LF	Conduit Special 3-Inch LF
CB1	PB1			90	
PB1	SB2		14		
PB1	PB2				128
PB2	SB3		8		
PB2	PB3			100	
PB3	SB4		18		
PB3	PB4		257		
PB3	PB5				126
PB5	SB5		50		
PB5	PB6				56
PB6	SB6		13		
PB6	PB7				116
PB7	SB7		18		
PB7	PB8			122	
PB8	SB8		10		
PB8	SB14		14		
PB8	PB9				100
PB9	SB9		10		
PB9	PB10			104	
PB10	SB10		15		
PB10	PB11		251		
PB10	PB12				116
PB12	SB11		29		
PB12	SB13		64		
PB12	PB13				52
PB13	SB12		18		
PB13	PB14				116
PB14	SB1		27		
PB14	CB1			87	
<b>TOTAL</b>			<b>816</b>	<b>503</b>	<b>810</b>

**PULL BOXES**

PULL BOX NO.	Install Electrical Box Type III EACH	Install Electrical Pull Box Type V EACH	SPV.0060.202	SPV.0060.203
PB1		1		
PB2		1		
PB3		1		
PB4	1			
PB5		1		
PB6		1		
PB7		1		
PB8		1		
PB9		1		
PB10		1		
PB11	1			
PB12		1		
PB13		1		
PB14		1		
<b>TOTAL</b>	<b>2</b>	<b>12</b>		

**CONCRETE BASES**

SIGNAL BASE NO.	Concrete Bases Type G EACH	Concrete Bases Type LB-8 EACH	Concrete Bases Type P EACH	SPV.0060.204	SPV.0060.206	SPV.0060.207
CB1			1			
SB1		1				
SB2	1					
SB3	1					
SB4	1					
SB5		1				
SB6		1				
SB7		1				
SB8	EXISTING					
SB9	1					
SB10	1					
SB11		1				
SB12		1				
SB13	1					
SB14	1					
<b>TOTAL</b>	<b>7</b>	<b>6</b>	<b>1</b>			

**TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE**

LOC.	TO	LOC.	655.0230	655.0240	655.0260	655.0270	655.0280	655.0515
			Cable Traffic Signal 5-14 AWG LF	Cable Traffic Signal 7-14 AWG LF	Cable Traffic Signal 12-14 AWG LF	Cable Traffic Signal 15-14 AWG LF	Cable Traffic Signal 19-14 AWG LF	Electrical Wire Traffic Signals 10 AWG LF
CB1		SB1			85			85
CB1		SB2			72			72
CB1		SB3	145					
CB1		SB4			221			
CB1		SB5				330		
CB1		SB6						
CB1		SB7			414			
CB1		SB8			389			
CB1		SB9	322					
CB1		SB10			261			
CB1		SB11				201		
CB1		SB12				149		
CB1		SB13		237				
CB1		SB14		396				
SB2		SB3						126
SB3		SB4						116
SB4		SB5						172
SB5		SB6						130
SB6		SB7						128
SB7		SB14						132
SB14		SB8						47
SB8		SB9						108
SB9		SB10						116
SB10		SB11						142
SB11		SB13						118
SB13		SB12						148
SB12		SB1						143
SB1		HEAD 4	51					
SB1		HEAD 5	38					
SB2		HEAD 15	19					
SB2		HEAD 2B	15					
SB3		HEAD 2A	15					
SB4		HEAD 1	19					
SB4		HEAD 1B	15					
SB5		HEAD 14	19					
SB5		HEAD 16	19					
SB5		HEAD 20	41					
SB5		HEA 1A	15					
SB6		HEAD 6	19					
SB6		HEAD 9	38					
SB6		HEAD 10	51					
SB7		HEAD 11	51					
SB7		HEAD 12	38					
SB 8		HEAD 18	19					
SB14		HEAD 6B	15					
SB9		HEAD 6A	15					
SB10		HEAD 8	19					
SB10		HEAD 5B	15					
SB11		HEAD 7	19					
SB11		HEAD 17	41					
SB11		HEAD 19	19					
SB12		HEAD 2	38					
SB12		HEAD 3	51					
SB12		HEAD 13	19					
SB13		HEAD 5A	15					
<b>TOTAL</b>			<b>748</b>	<b>1099</b>	<b>1441</b>	<b>685</b>	<b>330</b>	<b>1782</b>

MISCELLANEOUS QUANTITIES: E WASHINGTON AVE AT INDEPENDENCE LN 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CITY OF MADISON CONTRACT NO: 60631225C



60631225P  
 MQ-66S

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TRAFFIC DETECTOR LOOPS

652.0900 655.0800 SPV.0090.201


LOOP NO.	HOEM RUN PB	FT	SIZE		NO. OF TURNS	Loop Detector	Loop Detector	Loop Detector
			X	FT		Slots LF	Wire LF	Lead In Cable LF
11	PB11	6	X	6	5	80	412	432
12	PB13	6	X	10	5	42	222	97
13	PB13	6	X	10	5	45	237	97
14	PB1	6	X	10	4	45	192	39
15	PB1	6	X	10	4	41	176	39
21	PB4	6	X	10	5	77	397	409
22	PB4	6	X	10	5	65	337	409
23	PB4	6	X	10	5	53	277	409
24	PB4	6	X	10	5	44	232	409
25	PB5	6	X	10	5	45	237	215
26	PB5	6	X	10	5	57	297	215
27	PB3	6	X	10	5	61	317	152
28	PB3	6	X	10	5	50	262	152
51	PB4	6	X	6	5	80	412	409
52	PB6	6	X	10	5	44	232	242
53	PB6	6	X	10	5	49	257	242
54	PB8	6	X	10	4	49	208	283
55	PB8	6	X	10	4	46	196	283
61	PB11	6	X	10	5	76	392	432
62	PB11	6	X	10	5	64	332	432
63	PB11	6	X	10	5	53	277	432
64	PB11	6	X	10	5	44	232	432
65	PB12	6	X	10	5	40	212	123
66	PB12	6	X	10	5	51	267	123
67	PB10	6	X	10	5	58	302	181
68	PB10	6	X	10	5	47	247	181
						1326	6749	6437

TRAFFIC SIGNAL FACES

SPV.0060.220 SPV.0060.224 SPV.0060.225

SIGNAL HEAD NO.	SIGNAL BASE NO.	Signal Heads 12-Inch 3-Section EACH	Signal Heads 16-Inch Pedestrian With Countdown EACH	Install Backplates Signal Face 3-Section 12-Inch EACH
2	SB12	1		1
3	SB12	1		1
4	SB12	1		1
5	SB12	1		1
6	SB6	1		1
7	SB11	1		1
8	SB10	1		1
9	SB6	1		1
10	SB6	1		1
11	SB7	1		1
12	SB7	1		1
13	SB12	1		1
14	SB5	1		1
15	SB2	1		1
16	SB5	1		1
17	SB11	1		1
18	SB8	1		1
19	SB11	1		1
20	SB5	1		1
2A	SB3		1	
2B	SB2		1	
5A	SB13		1	
5B	SB10		1	
6A	SB9		1	
6B	SB14		1	
1A	SB5		1	
1B	SB4		1	
TOTAL		20	8	20

MISCELLANEOUS QUANTITIES: E WASHINGTON AVE AT INDEPENDENCE LN 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CITY OF MADISON CONTRACT NO: 60631225C



60631225P  
MQ-67S

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 LAST PLOT DATE: -10/17/2022  
 FILE NAME:

**TRAFFIC SIGNAL EQUIPMENT**

	SPV.0060.273	SPV.0060.274	SPV.0060.280	SPV.0060.277	SPV.0060.209	SPV.0060.210	SPV.0060.216	SPV.0060.217	SPV.0060.219	SPV.0060.279	SPV.0060.232	SPV.0060.267
	Install Transformer		Install Traffic Signal		Install Pole		Install Traffic Signal	Install Traffic Signal	Install Traffic Signal	Install Pedestrian	Install LED Luminaire and Mounting	
SIGNAL BASE NO.	Install Pedestal Bases EACH	Bases Breakaway 11 1/2-Inch Bolt Circle EACH	Install Traffic Signal Standards Aluminum 10-FT EACH	Install Traffic Signal Standards Aluminum 13-FT EACH	Install Pole 20-Foot 7 Gauge EACH	Install Pole 30-Foot 7 Gauge Single Mount EACH	Install Traffic Signal Trombone Arm 15-Foot EACH	Install Traffic Signal Trombone Arm 20-Foot EACH	Install Traffic Signal Trombone Arm 25-Foot EACH	Install Pedestrian Push Buttons EACH	Install LED Luminaire and Mounting Bracket Type I EACH	Install EVP Detector EACH
SB1		1			1				1			
SB2	1			1						1		
SB3	1		1							1		
SB4	1			1						1		
SB5		1			1		1			1		
SB6		1			1			1				1
SB7		1				1			1		1	
SB8												
SB9	1		1							1		
SB10	1			1						1		
SB11		1			1		1					
SB12		1			1				1			1
SB13	1		1							1		
SB14	1		1							1		
<b>TOTAL</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>2</b>

**TRAFFIC SIGNAL CABINET**

	SPV.0060.229	SPV.0060.231
	Install NEMA TS2 Type 1 Traffic Controller Cabinet	
	Optical Signal Preempt System	
LOCATION	EACH	EACH
WASHINGTON & INDEPENDENCE	1	1

**SIGNAL MOUNTING HARDWARE**

	SPV.0105.288
	Install Signal Mounting Hardware (Independence)
LOCATION	L.S.
WASHINGTON & INDEPENDENCE	1

**ELECTRICAL SERVICE**

	SPV.0105.2002	
	Install Electrical Service Meter Breaker Pedestal (Independence)	
CABINET NO.	LOCATION	L.S.
CB1	WASHINGTON & INDEPENDENCE	1

Mark	REVISION	DATE	BY
Designed By: TSI	Date: 10/17/2022	Scale: NTS	

MISCELLANEOUS QUANTITIES: E WASHINGTON AVE AT INDEPENDENCE LN 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P  
 MQ-68S

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 LAST PLOT DATE: -10/17/2022  
 FILE NAME:

INSTALL CONDUIT INTO EXISTING ITEM

652.0700.S  
INSTALL CONDUIT  
INTO EXISTING  
ITEM  
EACH

LOCATION	EACH
High Point	2
Randolph	2
Westfield	2
Rosa	1
Eau Claire	3
Midvale	1
Campus Drive	2
Campus Mall	1
<b>TOTAL</b>	<b>14</b>

TEMPORARY LIGHTING

SPV.0105.256  
TEMPORARY  
STREET LIGHTING

LOCATION	L.S.
Project	1
<b>TOTAL</b>	<b>1</b>

LIGHTING CONTROL CABINET

SPV.0060.264  
INSTALL  
LIGHTING  
CONTROL  
CABINET  
EACH

LIGHTING BASE NO.	** LOCATION	EACH
LC1	JUNCTION	1
LC1	GAMMON	1
LC1	ISLAND	1
LC1	SEGOE	1
<b>TOTAL</b>		<b>4</b>

PULL BOXES

SPV.0060.201  
ELECTRICAL  
PULL BOX  
TYPE I  
EACH

SECTION	PULL BOX NO.	LOCATION	EACH
Junction	LPB1	0+58, 32' LT	1
	LPB2	1+15, 32' LT	1
	LPB3	1+15, 08' RT	1
	LPB4	1+52, 08' RT	1
	LPB5	6+26, 05' RT	1
	LPB6	6+26, 18' LT	1
	LPB7	1+17, 68' RT	1
	LPB8	6+93, 07' RT	1
	LPB9	7+10, 50' LT	1
	LPB10	0+09, 107' LT	1
Gammon	LPB1	118+79, 92' LT	1
	LPB2	117+76, 94' LT	1
	LPB3	117+31, 56' LT	1
	LPB4	117+29, 45' RT	1
	LPB5	119+45, 76' LT	1
	LPB6	119+44, 46' RT	1
Eau Claire	LPB1	12+47, 29' LT	1
Segoe	LPB1	30+18, 21' LT	1
	LPB2	30+18, 27' RT	1
Campus Drive	LPB1	416+47, 46' RT	1
	LPB2	417+91, 50' RT	1
Orchard	LPB1	813+55, 38' LT	1
Campus Mall	LPB1	833+36, 34' LT	1
	LPB2	834+25, 39' LT	1
<b>TOTAL</b>			<b>24</b>

REMOVE AND SALVAGE LIGHTING

204.0195  
REMOVING  
CONCRETE BASES  
EACH

SPV.0060.243  
REMOVING STREET  
LIGHTING ASSEMBLY  
EACH

NO.	LOCATION	EACH	EACH
EXISTING	Grand Canyon	2	2
	Island	2	2
	Rosa	1	1
	Eau Claire	1	1
	Segoe	1	1
	Campus Drive	4	4
	Campus Mall	1	1
<b>TOTAL</b>		<b>12</b>	<b>12</b>

CONCRETE BASES

SPV.0060.205 SPV.0060.206 SPV.0060.207

SECTION	LIGHTING BASE NO.	LOCATION	CONCRETE BASES TYPE LB-3 EACH	CONCRETE BASES TYPE LB-8 EACH	CONCRETE BASE TYPE P EACH
Junction	1	2+33, 13' RT	1		
	2	3+47, 6' RT	1		
	3	4+64, 15' RT	1		
	4	6+30, 17' LT	1		
	6	8+77, 16' RT	1		
	7	7+69, 16' RT	1		
	8	7+12, 50' LT	1		
	LC1	0+54, 31' LT			1
Gammon	LC1	119+35, 77' LT			1
Grand Canyon	762	135+57, 2' RT	1		
Island	LC1	161+38, 93' LT			1
Rosa	838	181+16, 01' LT	1		
Eau Claire	1454	12+47, 29' LT	1		
Segoe	LC1	12+47, 29' LT			1
Campus Drive	57053	417+92, 47' RT	1		
	6612	416+47, 42' RT	1		
	6611	414+84, 41' RT	1		
	6608	412+91, 38' RT	1		
	DMS1	413+25, 38' RT		1	
Campus Mall	52624	836+03, 33' LT	1		
	<b>TOTAL</b>		<b>15</b>	<b>1</b>	<b>4</b>

Mark	REVISION	Date	Scale	NTS
Designed By: AECOM		10/19/2022		
60631225P				

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C  
MISCELLANEOUS QUANTITIES: WEST LIGHTING  
BUS RAPID TRANSIT  
CITY OF MADISON




60631225P  
MQ-1L

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LAST PLOT DATE - 10/19/2022  
FILE NAME

LIGHTING CONDUIT & ELECTRICAL WIRE

SECTION	LOC.	TO LOC.	LINEAR DISTANCE	NUMBER OF CONDUITS	652.0225	652.0235	652.0325	652.0335	652.0605	652.0615	IN CONDUIT RUN		IN LIGHTPOLE		SPV.0090.202	655.0620	655.0630	655.0645
					CONDUIT RIGID NONMETALLIC SCHEDULE 40	CONDUIT RIGID NONMETALLIC SCHEDULE 40	CONDUIT RIGID NONMETALLIC SCHEDULE 80	CONDUIT RIGID NONMETALLIC SCHEDULE 80	CONDUIT SPECIAL	CONDUIT SPECIAL	SLACK WIRE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	LENGTH OF WIRE IN POLE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED EACH	ELECTRICAL WIRE 8 AWG LIGHTING L.F.	ELECTRICAL WIRE 4 AWG LIGHTING L.F.	ELECTRICAL WIRE 1/0 AWG LIGHTING L.F.
					2-INCH L.F.	3-INCH L.F.	2-INCH L.F.	3-INCH L.F.	2-INCH L.F.	3-INCH L.F.	LF							
Junction	METER	LC1	22	1	-	22	-	-	-	-	11	3			-	-	-	99
	LC1	LPB1	5	2	-	10	-	-	-	-	23	16			-	112	336	-
	LPB1	LPB2	58	2	-	116	-	-	-	-	30	16			-	352	1056	-
	LPB2	LPB3	41	2	-	-	-	82	-	-	30	16			-	284	852	-
	LPB3	5	58	1	58	-	-	-	-	-	18	16	70	1	70	304	912	-
	LPB3	LPB4	37	1	-	-	37	-	-	-	30	8			-	134	402	-
	LPB4	1	71	1	71	-	-	-	-	-	18	8	70	1	70	178	534	-
	1	2	107	1	107	-	-	-	-	-	6	8	70	1	70	226	678	-
	2	3	117	1	-	-	117	-	-	-	6	8	70	1	70	246	738	-
	3	LPB5	145	1	145	-	-	-	-	-	18	4			-	163	489	-
	LPB5	LPB6	22	1	-	-	22	-	-	-	30	4			-	52	156	-
	LPB6	4	4	1	4	-	-	-	-	-	18	7	70	1	70	22	132	-
	LPB3	LPB7	58	1	58	-	-	-	-	-	6	8			-	128	384	-
	LPB7	6	78	1	78	-	-	-	-	-	18	8	70	1	70	192	576	-
	6	7	110	1	110	-	-	-	-	-	6	8	70	1	70	232	696	-
	7	LPB8	68	1	68	-	-	-	-	-	18	4			-	86	258	-
	LPB8	LPB9	62	1	-	-	62	-	-	-	30	4			-	92	276	-
	LPB9	8	4	1	4	-	-	-	-	-	18	4	70	1	70	22	66	-
	2134	LPB10	157	1	5	-	-	-	-	-	21	4			-	178	534	-
	LPB10	2130	209	1	-	-	-	-	181	-	18	4			-	227	681	-
	2141	2139	386	1	-	-	-	-	215	-	6	4			-	392	1176	-
	SECTION SUBTOTAL				708	148	238	82	396	0					560	3622	10932	99
High Point	490	PB	98	1	98	-	-	-	-	-	18	12			-	348	1044	-
	PB	PB	100	2	-	-	-	-	-	200	30	-			-	-	-	-
	PB	487	197	1	197	-	-	-	-	-	18	-			-	-	-	-
	PB	1689	325	1	23	-	-	-	-	-	60	4			-	385	1155	-
	PB	1687	453	1	10	-	-	-	-	-	45	4			-	498	1494	-
	PB	1688	466	1	10	-	-	-	-	-	60	4			-	526	1578	-
	SECTION SUBTOTAL				338	0	0	0	0	200					0	1757	5271	0
Randolph	482	PB4	40	1	0	-	-	-	-	-	18	4			-	58	174	-
	PB4	PB13	180	2	-	-	-	-	-	360	30	4			-	210	630	-
	PB13	PB14	50	1	0	-	-	-	-	-	30	4			-	80	240	-
	PB14	478	5	1	0	-	-	-	-	-	18	4			-	23	69	-
	482	PB7	45	1	0	-	-	-	-	-	18	4			-	63	189	-
	PB7	PB8	41	1	0	-	-	-	-	-	18	4			-	59	177	-
	PB8	4618	13	1	0	-	-	-	-	-	18	4			-	31	93	-
	SECTION SUBTOTAL				0	0	0	0	0	360					0	524	1572	0
Westfield	476	PB	151	1	151	-	-	-	-	-	18	4			-	169	507	-
	PB	55621	370	1	41	-	-	-	-	-	48	4			-	418	1254	-
	PB	PB	106	2	-	-	-	-	-	212	18	-			-	-	-	-
	PB	4610	86	1	86	-	-	-	-	-	-	-			-	-	-	-
	SECTION SUBTOTAL				278	0	0	0	0	212					0	587	1761	0
Gammon	LC1	LPB5	6	1	6	-	-	-	-	-	23	4			-	29	87	-
	LPB5	5736	52	1	48	-	-	-	-	-	18	4			-	70	210	-
	LPB5	LPB6	120	2	-	-	-	-	-	240	30	4			-	150	450	-
	LPB6	5729	79	1	75	-	-	-	-	-	18	4			-	97	291	-
	LC1	LPB1	70	1	55	-	-	-	-	-	23	8			-	186	558	-
	LPB1	LPB2	135	2	-	-	-	-	-	202	30	8			-	330	990	-
	LPB2	LPB3	114	1	58	-	-	-	-	-	30	8			-	288	864	-
	LPB3	4606	105	1	101	-	-	-	-	-	18	4			-	123	369	-
	LPB3	LPB4	98	2	-	-	-	-	-	196	30	4			-	128	384	-
	LPB4	5742	59	1	55	-	-	-	-	-	18	4			-	77	231	-
	LC1	METER	17	1	-	17	-	-	-	-	11	3			-	-	-	84
	SECTION SUBTOTAL				398	17	0	0	0	638					0	1478	4434	84
Grand Canyon	PB	PB	103	2	-	-	-	-	-	206	-	-			-	-	-	-
	PB	762	176	1	176	-	-	-	-	-	-	-			-	-	-	-
	762	EX POLE	166	1	5	-	-	-	-	-	6	-	42	1	42	-	-	-
(CONTINUED ON NEXT PAGE)	SECTION SUBTOTAL				181	0	0	0	0	206					42	0	0	0

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES: WEST LIGHTING  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
  
 60631225P  
 MQ-2L  
 FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: -10/19/2022  
 Scale: NTS  
 REVISION  
 Mark  
 Date: 10/19/2022  
 Designed By: AECOM  
 60631225P

LIGHTING CONDUIT & ELECTRICAL WIRE (CONTINUED)

SECTION	LOC.	TO	LOC.	LINEAR DISTANCE	NUMBER OF CONDUITS	652.0225	652.0235	652.0325	652.0335	652.0605	652.0615	IN CONDUIT RUN		IN LIGHT POLE		SPV.0090.202	655.0620	655.0630	655.0645	
						CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.	CONDUIT RIGID NONMETALLIC SCHEDULE 80 2-INCH L.F.	CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH L.F.	CONDUIT SPECIAL 2-INCH L.F.	CONDUIT SPECIAL 3-INCH L.F.	WIRE SLACK LF	NUMBER OF WIRES (INCLUDING GROUND WIRE)	LENGTH OF WIRE IN POLE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED EACH	ELECTRICAL WIRE LIGHTING 8 AWG L.F.	ELECTRICAL WIRE LIGHTING 4 AWG L.F.	ELECTRICAL WIRE LIGHTING 1/0 AWG L.F.	
Island																				
	LC1		PB1	21	1	-	21	-	-	-	-	23	8	-	-	-	88	264	-	
	PB1		PB11	31	-	-	-	-	-	-	-	30	4	-	-	-	61	183	-	
	PB1		PB9	47	-	-	-	-	-	-	-	30	4	-	-	-	77	231	-	
	PB9		181	162	1	152	-	-	-	-	-	18	4	-	-	-	180	540	-	
	PB1		PB2	50	-	-	-	-	-	-	-	30	4	-	-	-	80	240	-	
	PB2		PB3	43	-	-	-	-	-	-	-	30	4	-	-	-	73	219	-	
	PB3		PB4	54	-	-	-	-	-	-	-	30	4	-	-	-	84	252	-	
	PB4		180	103	1	13	-	-	-	-	-	18	4	-	-	-	121	363	-	
	PB4		PB9	101	2	-	-	-	-	202	-	-	-	-	-	-	-	-	-	
	METER		LC1	8	1	-	8	-	-	-	-	11	3	-	-	-	-	-	57	
	SECTION SUBTOTAL						165	29	0	0	0	202					0	764	2292	57
Rosa																				
	EXPL839		838	175	1	10	-	-	-	-	-	18	-	42	1	42	-	-	-	
	838		PB10	155	1	155	-	-	-	-	-	18	4	-	-	-	173	519	-	
	PB10		PB3	104	2	-	-	-	-	-	208	30	4	-	-	-	134	402	-	
	PB3		837	128	1	128	-	-	-	-	-	18	4	-	-	-	146	438	-	
	SECTION SUBTOTAL						293	0	0	0	0	208					42	453	1359	0
Eau Claire																				
	1452		LPB2	5	1	-	-	-	-	-	-	18	4	-	-	-	23	69	-	
	LBP2		LBP3	37	1	-	-	-	-	-	-	30	4	-	-	-	67	201	-	
	LPB3		1454	82	1	82	-	-	-	-	-	18	4	42	1	42	100	300	-	
	1454		1458	306	1	124	-	-	-	-	-	6	4	-	-	-	312	936	-	
	1459		LPB4	4	1	-	-	-	-	-	-	18	4	-	-	-	22	66	-	
	LPB4		LPB1	35	2	-	-	-	-	-	70	30	4	-	-	-	65	195	-	
	LPB1		1455	223	1	223	-	-	-	-	-	18	4	-	-	-	241	723	-	
	SECTION SUBTOTAL						429	0	0	0	0	70					42	830	2490	0
Segoe																				
	METER		LC1	18	1	18	-	-	-	-	-	-	3	-	-	-	-	-	54	
	LC1		LPB1	25	1	-	-	-	-	-	25	23	4	-	-	-	48	144	-	
	LC1		LPB1	24	1	24	-	-	-	-	-	-	4	-	-	-	24	72	-	
	LPB1		1468	127	1	5	-	-	-	-	-	18	4	-	-	-	145	435	-	
	LPB1		LPB2	50	2	-	-	-	-	-	100	30	4	-	-	-	80	240	-	
	LPB2		1466	296	1	-	-	-	-	-	5	18	4	-	-	-	314	942	-	
	SECTION SUBTOTAL						47	0	0	0	0	130	89	23	0	0	0	611	1833	54
Midvale																				
	6348		PB15	68	1	-	-	-	-	68	-	18	4	-	-	-	86	258	-	
	PB15		6349	7	2	-	-	-	-	-	-	18	4	34	1	34	25	75	-	
	SECTION SUBTOTAL						0	0	0	0	68	0	36	8	34	1	34	111	333	0
Campus Drive																				
	SB5		PB5	5	1	-	-	-	-	-	-	18	4	-	-	-	23	69	-	
	PB5		LPB2	136	1	138	-	-	-	-	-	30	4	-	-	-	166	498	-	
	LPB2		57053	136	1	6	-	-	-	-	-	18	8	42	1	42	308	924	-	
	LPB2		LPB1	140	1	139	-	-	-	-	-	30	4	-	-	-	170	510	-	
	LPB1		6612	140	1	6	-	-	-	-	-	18	8	42	1	42	316	948	-	
	LPB1		6611	156	1	169	-	-	-	-	-	18	4	42	1	42	174	522	-	
	6611		6608	187	1	175	-	-	-	-	-	6	-	-	-	-	-	-	-	
	6608		6607	200	1	5	-	-	-	-	-	6	-	42	1	42	-	-	-	
	EXPB		DMS1	5	1	5	-	-	-	-	-	18	-	50	1	50	-	-	-	
	SECTION SUBTOTAL						643	0	0	0	0	0					218	1157	3471	0
Orchard																				
	2307		PB3	38	1	0	-	-	-	-	-	18	4	-	-	-	56	168	-	
	PB3		LBP1	95	1	95	-	-	-	-	-	18	4	-	-	-	113	339	-	
	LPB1		2308	27	1	18	-	-	-	-	-	18	8	-	-	-	90	270	-	
	LPB1		2309	152	1	20	-	-	-	-	-	18	4	-	-	-	170	510	-	
	SECTION SUBTOTAL						133	0	0	0	0	0					0	429	1287	0
Campus Mall																				
	1959		LPB1	110	1	-	-	-	-	-	-	18	4	-	-	-	128	384	-	
	LPB1		LPB2	92	1	92	-	-	-	-	-	30	4	-	-	-	122	366	-	
	LPB2		EX COMB POLE	12	1	10	-	-	-	-	-	18	4	-	-	-	30	90	-	
	EX COMB POLE		52624	104	1	102	-	-	-	-	-	6	4	42	1	42	110	330	-	
	52624		52623	96	1	5	-	-	-	-	-	6	4	-	-	-	102	306	-	
	SECTION SUBTOTAL						209	0	0	0	0	0					42	492	1476	0
TOTAL						3822	194	238	82	464	2226						980	12815	38511	294

Mark	DESIGNED BY: AECOM	60631225P
REVISION	Date:	10/19/2022
DATE	Scale:	N/T/S

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: WEST LIGHTING  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P

MQ-3L

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STREET LIGHTING EQUIPMENT

SECTION	LTG. BASE NO.	SPV.0060.274 INSTALL TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	SPV.0060.212 INSTALL POLES 30-FOOT 11 GAUGE SINGLE MOUNT EACH	SPV.0060.213 INSTALL POLES 30-FOOT 11 GAUGE TWIN MOUNT EACH	SPV.0060.233 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE II EACH	SPV.0060.234 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE III EACH	SPV.0060.235 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE IV EACH	SPV.0060.236 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE V EACH	SPV.0060.241 INSTALL LED LUMINAIRE AND MOUNTING BRACKET TYPE D EACH	SPV.0060.283 SALVAGE AND REINSTALL DMS SIGN ASSEMBLY EACH
Junction	1	1		1					2	
	2	1		1					2	
	3	1		1					2	
	4	1	1						1	
	6	1		1					2	
	7	1		1					2	
	8	1	1						1	
	Grand Canyon	762	1		1		2			
Rosa	838	1		1		2				
Eau Claire	1454	1	1		1					
Campus Drive	6612	1	1				1			
	6611	1	1				1			
	6608	1	1				1			
	57053	1	1				1			
	DMS1									1
Campus Mall	52624	1	1					1		
TOTAL		15	8	7	1	4	4	1	12	1

REVISION	DATE	BY

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



MISCELLANEOUS QUANTITIES: WEST LIGHTING  
 BUS RAPID TRANSIT  
 CITY OF MADISON

**REMOVING CONCRETE BASES, PULL BOXES, AND LIGHTING ASSEMBLIES**

LOCATION	204.0195 REMOVING CONCRETE BASES EACH	653.0905 REMOVING PULL BOXES EACH	SPV.0060.243 REMOVING STREET LIGHTING ASSEMBLY EACH
State/Gorham	1		-
Johnson/State	3		-
W Main St- Martin Luther King Jr Blvd	1		-
Mendota	2		2
Thierer/Portage	2		2
Independence	2	1	2
Springs	4		4
<b>TOTAL</b>	<b>15</b>	<b>1</b>	<b>10</b>

**INSTALL CONDUIT INTO EXISTING ITEM**

LOCATION	652.0700.S INSTALL CONDUIT INTO EXISTING ITEM EACH
Johnson/State	1
Baldwin	1
First	2
Milwaukee/North	3
Marquette	2
Wright /Fair Oaks	1
Anderson/Wright	1
Mendota	1
Thierer/Portage	2
Independence	2
<b>TOTAL</b>	<b>16</b>

**ADJUSTING PULL BOXES**

LOCATION	653.0900 ADJUSTING PULL BOXES EACH
Independence	1
<b>TOTAL</b>	<b>1</b>

**PULL BOXES**

SECTION	PULL BOX NO.	LOCATION	SPV.0060.201 INSTALL ELECTRICAL PULL BOX TYPE I EACH
Johnson/State	LPB1	307+66, 21' RT	1
	LPB2	307+96, 21' RT	1
	LPB3	308+22, 16' RT	1
Paterson	LPB1	235+72, 56' LT	1
First	LPB1	287+80, 59' RT	1
Milwaukee/North	LPB1	328+75, 54' LT	1
Melvin/Rethke	LPB1	376+66, 45' LT	1
	LPB2	377+00, 66' LT	1
Independence	LPB1	477+49, 16' LT	1
Bus/Bike Connector	LPB1	500+28, 52' LT	1
	LPB2	500+38, 07' LT	1
<b>TOTAL</b>			<b>11</b>

**CONCRETE BASES**

SECTION	SIGNAL BASE NO.	LOCATION	SPV.0060.206 CONCRETE BASES TYPE LB-8 EACH	SPV.0060.239 CONCRETE BASES TYPE LB-8 RAISED EACH	SPV.0060.245 CONCRETE BASES TYPE LB-SP EACH	SPV.0060.281 CONCRETE BASES TYPE LB-3 MODIFIED EACH
State/Gorham	6744	302+33, 24' LT				1
State/Johnson	46	307+63, 21' RT				1
	47	307+98, 21' RT				1
	35	308+28, 13' RT		1		
W Main St- Martin Luther King Jr Blvd	2946	509+82, 26' RT	1			
Mendota	5302	431+27, 44' LT			1	
	5303	430+60, 55' RT			1	
Thierer/Portage	5386	453+32, 55' LT			1	
	9000	457+23, 64' RT			1	
Independence	9036	476+34, 72' LT			1	
	9043	480+19, 68' RT			1	
	9068	494+13, 76' LT			1	
Springs	9070	495+40, 76' LT			1	
	9072	496+69, 77' LT			1	
	9069	496+15, 61' RT			1	
<b>TOTAL</b>			<b>1</b>	<b>1</b>	<b>10</b>	<b>3</b>

**STREET LIGHTING EQUIPMENT**

LOCATION	LIG. BASE NO.	SPV.0060.242 INSTALL LIGHTING ASSEMBLY TYPE III EACH	SPV.0060.244 INSTALL LIGHTING ASSEMBLY TYPE III POLE EACH	SPV.0060.258 SALVAGE AND REINSTALL LIGHTING ASSEMBLY EACH
State/Gorham	6744			1
Johnson/State	46			1
	47			1
	35			1
W Main St- Martin Luther King Jr Blvd	2946			1
Mendota	5302	1	1	
	5303	1	1	
Thierer/Portage	5386	1	1	
	9000	1	1	
Independence	9036	1	1	
	9043	1	1	
	9068	1	1	
Springs	9070	1	1	
	9072	1	1	
	9069	1	1	
<b>TOTAL</b>		<b>10</b>	<b>10</b>	<b>5</b>

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES: EAST LIGHTING  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 60631225P  
 MQ-5L

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 LAST PLOT DATE: 10/12/2022

LIGHTING CONDUIT & ELECTRICAL WIRE

SECTION	LOC.	TO	LOC.	LINEAR DISTANCE	NUMBER OF CONDUITS	652.0225	652.0335	652.0605	IN CONDUIT RUN		IN LIGHT POLE		SPV.0090.202	655.0615	655.0620	655.0630
						CONDUIT RIGID NONMETALLIC SCHEDULE 40	CONDUIT RIGID NONMETALLIC SCHEDULE 80	CONDUIT SPECIAL	WIRE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	LENGTH OF WIRE IN POLE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED EACH	ELECTRICAL WIRE LIGHTING 10 AWG L.F.	ELECTRICAL WIRE LIGHTING 8 AWG L.F.	ELECTRICAL WIRE LIGHTING 4 AWG L.F.
						2-INCH L.F.	3-INCH L.F.	2-INCH L.F.	SLACK LF							
State/Gorham																
	5220		6744	43	1	22	-	-	6	7	38	1	38	-	196	147
	6744		6743	84	1	56	-	-	6	7			-	-	360	270
				-	-	-	-	-	-	-	-	-	-	-	-	-
					SECTION SUBTOTAL	78	0	0					38	0	556	417
Johnson/State																
	KIOSK		LPB1	35	3	105	-	-	23	25			-	232	1044	174
	LPB1		46	4	1	4	-	-	18	7	19	2	38	44	110	-
	LPB1		LPB2	28	3	84	-	-	18	25			-	184	828	138
	LPB2		47	4	1	4	-	-	18	7	19	2	38	44	110	-
	LPB2		LPB3	29	3	87	-	-	30	25			-	236	1062	177
	LPB3		35	7	1	7	-	-	6	8	34	2	68	13	52	39
	LPB3		EXPB4	26	3	78	-	-	18	25			-	176	792	132
				-	-	-	-	-	30	-			-	-	-	-
					SECTION SUBTOTAL	369	0	0					144	929	3998	660
W Main St- Martin Luther King Jr Blvd																
	EXPB1		2946	17	1	17	-	-	36	4	38	1	38	159	53	159
					SECTION SUBTOTAL	17	0	0					38	159	53	159
Paterson																
	61		LPB1	131	1	7	-	-	38	4			-	-	169	507
	LPB1		65	110	1	14	-	-	18	4			-	-	128	384
	LPB1		63	10	1	10	-	-	18	4	38	1	38	-	28	84
	60		EX PB	132	1	4	-	-	47	4			-	-	179	537
	EX PB		64	80	1	26	-	-	18	4			-	-	98	294
	EX PB		62	5	1	5	-	-	18	8	38	1	38	-	46	138
					SECTION SUBTOTAL	66	0	0					76	0	648	1944
Baldwin																
	106		EX PB	128	1	0	-	-	18	4			-	-	146	438
	EX PB		104	16	1	16	-	-	59	4	38	1	38	-	75	225
	EX PB		EW3	90	1	20	-	-	23	4			-	-	113	339
					SECTION SUBTOTAL	36	0	0					38	0	334	1002
First																
	136		LPB1	137	1	10	-	-	18	4			-	-	155	465
	LPB1		EX PB	35	1	35	-	-	30	4			-	-	65	195
	EX PB		138A	30	1	0	-	-	32	4			-	-	62	186
	LPB1		138	9	1	9	-	-	18	4	38	1	38	-	27	81
	EW10		EX PB	42	1	0	-	-	23	4			-	-	65	195
	EX PB		140	8	1	8	-	-	36	4	38	1	38	-	44	132
	EX PB		142	316	1	13	-	-	18	4			-	-	334	1002
				-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-
					SECTION SUBTOTAL	75	0	0					76	0	752	2256
Milwaukee/North																
	219		LPB1	100	1	8	-	-	18	4			-	-	118	354
	LPB1		221	16	1	16	-	-	45	4	38	1	38	-	61	183
	LPB1		EX PB-EW2	57	1	34	-	-	38	4			-	-	95	285
	218		PB-220	156	1	16	-	-	38	4	38	1	38	-	194	582
	PB		EX PB	-	1	28	-	-	-	-			-	-	-	-
	EX PB		224	11	1	11	-	-	18	4	38	1	38	-	29	87
	EX PB		226	177	1	30	-	-	39	4			-	-	216	648
	229		EX PB - EX PB - EW2	261	1	133	-	-	62	4			-	-	323	969
	EX PB		227	11	1	11	-	-	18	4	38	1	38	-	29	87
					SECTION SUBTOTAL	287	0	0					152	0	1065	3195
Marquette																
	EW3		EXPB	20	1	-	-	-	23	8			-	-	86	258
	EXPB		EXPB	126	1	-	-	126	45	8			-	-	342	1026
	EXPB		259	95	1	-	-	-	18	4			-	-	113	339
	EXPB		BP04	97	1	-	-	-	32	4			-	-	129	387
					SECTION SUBTOTAL	0	0	126					0	0	670	2010
Melvin/Rethke																
	297		LPB1	46	1	4	-	-	18	4			-	-	64	192
	LPB1		LPB2	46	1	46	-	-	30	4			-	-	76	228
	LPB2		299	9	1	9	-	-	37	4	38	1	38	-	46	138
	LPB2		301	70	1	5	-	-	18	4			-	-	88	264
					SECTION SUBTOTAL	64	0	0					38	0	274	822

Mark	REVISION	Date
Designed By: AECOM		10/12/2022
60631225P		

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: EAST LIGHTING  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-6L

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LIGHTING CONDUIT & ELECTRICAL WIRE (CONTINUED)

SECTION	LOC.	TO	LOC.	LINEAR DISTANCE	NUMBER OF CONDUITS	652.0225	652.0335	652.0605	IN CONDUIT RUN		IN LIGHT POLE		SPV.0090.202	655.0615	655.0620	655.0630
						CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.	CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH L.F.	CONDUIT SPECIAL 2-INCH L.F.	WIRE SLACK LF	NUMBER OF WIRES (INCLUDING GROUND WIRE)	LENGTH OF WIRE IN POLE	NUMBER OF WIRES (INCLUDING GROUND WIRE)	ELECTRICAL WIRE LIGHTING 14-3 UF GROUNDED EACH	ELECTRICAL WIRE LIGHTING 10 AWG L.F.	ELECTRICAL WIRE LIGHTING 8 AWG L.F.	ELECTRICAL WIRE LIGHTING 4 AWG L.F.
Wright /Fair Oaks																
	5251		EX PB-5253	-	1	7	-	-	-	4	38	1	38	-	0	0
				-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-
						SECTION SUBTOTAL	7	0	0				38	0	0	0
Anderson/Wright																
	3452		EX PB-3453	116	1	113	-	-	21	4			-	-	137	411
				-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-
						SECTION SUBTOTAL	113	0	0				0	0	137	411
Mendota																
	5300		5302	-	1	134	-	-	-	4			-	-	0	0
	5302		5356	127	1	45	-	-	6	4	38	1	38	-	133	399
	5301		EX PB-5303	-	1	25	-	-	-	4			-	-	0	0
	5303		5355	204	1	204	-	-	6	4	38	1	38	-	210	630
				-	-	-	-	-	-	-	-	-	-	-	-	-
						SECTION SUBTOTAL	408	0	0				76	0	343	1029
Thierer/Portage																
	5384		5386	118	1	18	-	-	6	4	38	1	38	-	124	372
	5386		EX PB-5388	155	1	150	-	-	21	4			-	-	176	528
	5391		EX PB-5393	120	1	14	-	-	45	4	38	1	38	-	165	495
	EX PB 9000		9000	116	1	116	-	-	18	4	38	1	38	-	134	402
	9000		9001	110	1	34	-	-	6	4			-	-	116	348
				-	-	-	-	-	-	-	-	-	-	-	-	-
						SECTION SUBTOTAL	332	0	0				114	0	715	2145
Independence																
	9034		9036	85	1	39	-	-	6	4	38	1	38	-	91	273
	9036		EX PB-9038	133	1	133	-	-	40	4	38	1	38	-	173	519
	9038		EXPB-PB8-9040	52	1	52	-	-	41	4			-	-	93	279
	9040		PB8-PB9-EXPB-EXPB-9042	171	1	105	-	-	86	4			-	-	257	771
	9039		EX PB-9041	107	1	49	-	-	21	4			-	-	128	384
	9041		9043	110	1	110	-	-	6	4	38	1	38	-	116	348
	9043		9045	151	1	61	-	-	6	4			-	-	157	471
	EXPB LPB1		LPB1	5	2	10	-	-	30	-			-	-	-	-
	LPB1		EXPB	5	2	10	-	-	30	-			-	-	-	-
						SECTION SUBTOTAL	569	0	0				114	0	1015	3045
Springs																
	9066		9068	142	1	41	-	-	6	4	38	1	38	-	148	444
	9068		9070	133	1	133	-	-	6	4	38	1	38	-	139	417
	9070		9072	126	1	126	-	-	6	4	38	1	38	-	132	396
	9072		PB3	40	1	40	-	-	18	4			-	-	58	174
	PB3		PB2	66	1	-	-	66	30	8			-	-	192	576
	PB2		9071	6	1	6	-	-	18	8			-	-	48	144
	PB2		EXPB1	107	1	-	-	107	30	8			-	-	274	822
	EXPB1		SL3	75	1	75	-	-	23	8			-	-	196	588
	PB3		EXPB4	95	1	95	-	-	30	4			-	-	125	375
	EXPB4		9074	12	1	12	-	-	18	4			-	-	30	90
	9067		9069	162	1	162	-	-	6	4	38	1	38	-	168	504
	9069		SL3	48	1	7	-	-	11	4			-	-	59	177
						SECTION SUBTOTAL	697	0	173				152	0	1569	4707
Bus/Bike Connector from Anderson to Medota																
	LPB1		LPB2	46	2	-	92	-	-	-			-	-	-	-
				-	-	-	-	-	-	-			-	-	-	-
				-	-	-	-	-	-	-			-	-	-	-
						SECTION SUBTOTAL	0	92	0				0	0	0	0
PROJECT TOTAL						3118	92	299					1094	1088	12129	23802

Mark	REVISION	DATE
Designed By: AECOM		10/12/2022
60631225P		

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES: EAST LIGHTING  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-7L

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TRAFFIC SIGNAL CONTROLLER

	SPV.0060.230 INSTALL TRAFFIC SIGNAL CONTROLLER EACH	SPV.0060.229 INSTALL NEMA TS2 TYPE 1 TRAFFIC CONTROLLER CABINET EACH
** LOCATION		
Junction Rd. at Mineral Pt EB	1	
Junction Rd. at Mineral Pt	1	
Junction at Commerce Dr	1	
Mineral Pt at Beltline (US12/14) EB	1	
MPR and Randolph	1	
MPR and Gammon	1	
MPR and Yellowstone	1	
Whitney Way and Tokay	1	
Whitney Way and Science		1
Segoe and Frey	1	
University and Campus Drive	1	
University and Babcock	1	
Johnson and Randall		1
University and Randall	1	
Johnson and Orchard	1	
University and Orchard	1	
Johnson and Charter		1
University and Charter	1	
Johnson and Mills		1
University and Mills	1	
Johnson and Brooks	1	
University and Brooks	1	
Johnson and East Campus	1	
University and East Campus	1	
Johnson and Lake	1	
University and Lake	1	
Johnson and Frances		1
University and Frances	1	
Johnson and Bassett		1
Gorham and Bassett	1	
Johnson and Broom		1
Gorham and Broom		1
State and Gorham		1
State and Johnson	1	
State and Dayton	1	
State and Mifflin		1
Caroll and West Wash	1	
Carroll and Main	1	
Main and MLK	1	
Main and Pinckney	1	
Mifflin and Wisconsin	1	
Pinckney and Mifflin	1	
Pinckney and East Wash	1	
East Wash and Webster	1	
Wright and Anderson		1
East Wash and Zeier Rd	1	
<b>TOTAL</b>	<b>35</b>	<b>11</b>

TRAFFIC SIGNAL CONTROLLER

	SPV.0060.271 TRAFFIC SIGNAL CONTROLLER FIRMWARE UPDATE EACH
** LOCATION	
University and Segoe	1
University and Hilldale	1
University and Midvale	1
University and Shorewood	1
University and Ridge	1
University and Farley	1
Johnson and Park	1
University and Park	1
East Wash and Blair	1
East Wash and Livingston	1
East Wash and Paterson	1
East Wash and Ingersoll	1
East Wash and Baldwin	1
East Wash and First	1
East Wash and Fourth	1
East Wash and Sixth	1
East Wash and Milwaukee	1
East Wash and Johnson	1
East Wash and Marquette	1
East Wash and EB Hwy 30	1
East Wash and WB Hwy 30	1
East Wash and Wright	1
East Wash and Mendota	1
East Wash and Lien	1
East Wash and Thierer	1
East Wash and Eagan	1
East Wash and East Springs	1
<b>TOTAL</b>	<b>27</b>

ELECTRICAL STAKING

** LOCATION	650.8500 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) L.S.
PROJECT	1
<b>TOTAL</b>	<b>1</b>

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MISCELLANEOUS QUANTITIES: TRAFFIC SIGNALS  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P  
 MQ-1T

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PAVEMENT MARKING REMOVALS SHEET 1 OF 5

STATION	TO	STATION	LOCATION	ROADWAY	SPV.0090.108	SPV.0090.109	SPV.0090.110	SPV.0060.101
					MARKING REMOVAL LONGITUDINAL LINE 8-INCH WIDE MAX	MARKING REMOVAL WIDE LINE GREATER THAN 8- INCH WIDE	MARKING REMOVALS LADDER/ CONTINENTAL CROSSWALKS	MARKING REMOVAL SPECIAL-ARROWS, WORDS AND SYMBOLS
					LF	LF	LF	EACH
64+00MP	-	72+50MP	WEST TERMINAL/JUNCTION ROAD	JUNCTION RD	---	---	---	---
72+50MP	-	79+00MP	BELTLINE TO TREE LANE/BIG SKY DRIVE	MINERAL POINT RD	965	---	---	4
79+00MP	-	84+00MP	TREE LANE/BIG SKY DR TO HIGH POINT RD	MINERAL POINT RD	1,727	77	---	---
84+00MP	-	92+00MP	HIGH POINT RD (NORTH & SOUTH)	HIGH POINT RD	135	27	---	---
92+00MP	-	105+00MP	HIGH POINT RD TO WESTWARD WAY/GANSER WAY	MINERAL POINT RD	1,208	---	---	---
105+00MP	-	118+00MP	WESTWARD WAY/GANSER WAY TO RANDOLPH/DONOFRIO DR	MINERAL POINT RD	2,266	50	---	---
118+00MP	-	133+50MP	RANDOLPH/DONOFRIO DR TO WESTFIELD ROAD	MINERAL POINT RD	3,974	98	---	---
133+50 MP	-	137+25MP	WESTFIELD ROAD (NORTH)		---	---	---	---
137+25 MP	-	147+00MP	WESTFIELD ROAD TO GAMMON ROAD	MINERAL POINT RD	3,982	83	273	---
147+00MP	-	154+45MP	GAMMON ROAD (SOUTH)		185	47	---	---
154+45MP	-	161+50MP	GAMMON ROAD TO GRAND CANYON DR	MINERAL POINT RD	4,220	95	---	4
161+50MP	-	183+25MP	GRAND CANYON DR (SOUTH)		143	29	---	---
183+25MP	-	200+00MP	GRAND CANYON DR TO CORONADO DR	MINERAL POINT RD	1,165	---	---	3
200+00MP	-	204+81MP	CORONADO DR TO YELLOWSTONE DR	MINERAL POINT RD	2,499	50	---	3
28+00WW	-	42+00WW	YELLOWSTONE DR (SOUTH)		109	23	---	---
42+00WW	-	53+00WW	YELLOWSTONE DR TO NAUTILUS DR	MINERAL POINT RD	2,040	49	---	8
53+00WW	-	60+00WW	NAUTILUS DR TO ISLAND DR	MINERAL POINT RD	1,953	33	---	6
60+00WW	-	67+75WW	ISLAND DR (NORTH)		---	---	---	---
67+75WW	-	75+65WW	ISLAND DR TO ROSA RD	MINERAL POINT RD	6,389	80	---	15
75+65WW	-	82+00WW	ROSA RD (SOUTH)		119	28	---	---
2+00SH	-	11+50SH	ROSA RD TO WHITNEY WAY	MINERAL POINT RD	4,349	46	---	6
			WHITNEY WAY TO SCIENCE DR	MINERAL POINT RD	---	---	---	---
			MINERAL POINT RD TO SOUTH HILL DR	WHITNEY WAY	832	---	---	---
			SOUTH HILL DR TO MARATHON DR	WHITNEY WAY	621	---	---	---
			MARATHON DR TO REGENT STREET	WHITNEY WAY	499	46	---	---
			REGENT STREET (NORTH & SOUTH)		217	45	---	---
			REGENT ST TO LANGLOIS ST	WHITNEY WAY	813	47	---	---
			LANGLOIS ST TO WYNNWOOD WAY	WHITNEY WAY	481	---	---	---
			WYNNWOOD WAY TO OLD MIDDLETON ROAD	WHITNEY WAY	363	---	---	---
			WHITNEY WAY TO EAU CLAIRE AVE	SHEBOYGAN AVE	100	22	---	---
SHEET 1 SUBTOTALS:					41,351	975	273	49

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	10/20/2022	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON




60631225P  
MQ-PMR1

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**PAVEMENT MARKING REMOVALS SHEET 2 OF 5**

STATION	TO	STATION	LOCATION	ROADWAY	SPV.0090.108	SPV.0090.109	SPV.0090.110	SPV.0060.101
					MARKING REMOVAL LONGITUDINAL LINE 8- INCH WIDE MAX	MARKING REMOVAL WIDE LINE GREATER THAN 8-INCH WIDE	MARKING REMOVALS LADDER/ CONTINENTAL CROSSWALKS	MARKING REMOVAL SPECIAL-ARROWS, WORDS AND SYMBOLS
					LF	LF	LF	EACH
SHEET 1 SUBTOTALS:					41,351	975	273	49
11+50SH	-	31+00SH	EAU CLAIRE AVE (NORTH & SOUTH)		185	---	---	---
			EAU CLAIRE AVE TO SEGOE ROAD	SHEBOYGAN AVE	250	23	---	---
			SEGOE ROAD INTERSECTION		254	---	---	---
7+00SE	-	10+00SE	SAWYER RD TO SHEBOYGAN AVE	SEGOE ROAD	---	---	---	---
10+00SE	-	18+00SE	SHEBOYGAN AVE TO UNIVERSITY AVE	SEGOE ROAD	489	42	---	9
300+00UC	-	310+00UC	SEGOE RD TO MAPLE TERRACE/HILLDALE WAY	UNIVERSITY AVE	---	---	---	---
310+00UC	-	316+50UC	MAPLE TERRACE/HILLDALE WAY TO MIDVALE BLVD	UNIVERSITY AVE	873	175	---	---
316+50UC	-	335+00UC	MIDVALE BLVD TO SHOREWOOD BLVD/HILL ST	UNIVERSITY AVE	---	---	---	---
			SHOREWOOD BLVD (NORTH)		---	---	---	---
			HILL STREET (SOUTH)		---	---	---	---
335+00UC	-	361+90UC	SHOREWOOD BLVD/HILL ST TO UNIVERSITY BAY DR/FARLEY AVE	UNIVERSITY AVE	---	---	---	---
361+90UC	-	372+00UC	UNIVERSITY BAY DR TO CAMPUS DR	UNIVERSITY AVE	---	---	---	---
			UNIVERSITY AVE (SOUTH)		---	---	---	---
372+00UC	-	406+00UC	UNIVERSITY DR TO PRINCETON AVE	CAMPUS DR	---	---	---	---
406+00UC	-	422+00UC	PRINCETON AVE TO UNIVERSITY AVE	CAMPUS DR	2,517	62	---	4
797+00UN	-	803+00UN	CAMPUS DR TO BABCOCK DR	UNIVERSITY AVE	---	---	---	---
803+00UN	-	808+00UN	BABCOCK DR TO RANDALL AVE	UNIVERSITY AVE	790	46	---	5
808+00UN	-	812+50UN	RANDALL AVE TO ORCHARD STREET	UNIVERSITY AVE	350	---	---	---
812+50UN	-	816+00UN	ORCHARD ST TO CHARTER ST	UNIVERSITY AVE	104	---	---	---
816+00UN	-	821+00UN	CHARTER ST TO MILLS ST	UNIVERSITY AVE	440	---	---	6
821+00UN	-	826+00UN	MILLS ST TO BROOKS ST	UNIVERSITY AVE	383	---	---	3
826+00UN	-	831+00UN	BROOKS ST TO PARK ST	UNIVERSITY AVE	383	---	---	---
831+00UN	-	835+00UN	PARK ST TO E CAMPUS MALL	UNIVERSITY AVE	323	---	---	---
835+00UN	-	839+00UN	E CAMPUS MALL TO LAKE ST	UNIVERSITY AVE	340	---	---	---
839+00UN	-	844+00UN	LAKE ST TO FRANCES ST/GILMAN ST	UNIVERSITY AVE	356	---	---	---
844+00UN	-	848+00UN	FRANCES ST/GILMAN ST	UNIVERSITY AVE	305	---	---	---
200+00JO	-	205+00JO	UNIVERSITY AVE TO RANDALL AVE	CAMPUS DR	176	---	---	2
205+00JO	-	210+00JO	RANDALL AVE TO ORCHARD STREET	CAMPUS DR	90	---	---	---
210+00JO	-	215+50JO	ORCHARD ST TO CHARTER ST	JOHNSON ST	223	---	---	---
215+50JO	-	219+00JO	CHARTER ST TO MILLS ST	JOHNSON ST	90	---	---	---
SHEET 1-2 SUBTOTALS:					50,269	1,323	273	78

60631225P	CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C	60631225P	MQ-PMR2
				
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**PAVEMENT MARKING REMOVALS SHEET 3 OF 5**

SPV.0090.108      SPV.0090.109      SPV.0090.110      SPV.0060.101

STATION	TO	STATION	LOCATION	ROADWAY	MARKING REMOVALS			
					LONGITUDINAL LINE 8-INCH WIDE MAX	MARKING REMOVAL WIDE LINE GREATER THAN 8-INCH WIDE	LADDER/CONTINENTAL CROSSWALKS	MARKING REMOVAL SPECIAL-ARROWS, WORDS AND SYMBOLS
					LF	LF	LF	EACH
SHEET 1-2 SUBTOTALS:					50,269	1,323	273	78
219+00JO	-	223+00JO	MILLS ST TO BROOKS ST	JOHNSON ST	88	---	---	---
223+00JO	-	228+00JO	BROOKS ST TO PARK ST	JOHNSON ST	86	---	---	---
228+00JO	-	232+00JO	PARK ST TO E CAMPUS MALL	JOHNSON ST	85	---	---	---
232+00JO	-	236+50JO	E CAMPUS MALL TO LAKE ST	JOHNSON ST	88	---	---	---
236+05JO	-	241+00JO	LAKE ST TO FRANCES ST	JOHNSON ST	85	---	---	---
241+00JO	-	247+50JO	FRANCES ST TO BASSETT ST	JOHNSON ST	418	---	---	---
247+50JO	-	254+00JO	BASSETT ST TO BROOM ST	JOHNSON ST	146	---	---	---
254+00JO	-	261+00JO	BROOM ST TO STATE ST	JOHNSON ST	141	---	---	---
300+00ST	-	316+00ST	BROOM ST TO STATE ST	STATE ST	64	---	---	---
400+00SQN	-	404+00SQN	STATE ST TO WISCONSIN AVE	MIFFLIN ST	---	---	---	---
404+00SQN	-	408+10SQN	WISCONSIN AVE TO N HAMILTON ST	MIFFLIN ST	---	---	---	---
408+10SQN	-	412+10SQN	N HAMILTON ST TO E WASHINGTON AVE	PINCKNEY ST	---	---	---	---
412+10SQN	-	416+20SQN	E WASHINGTON AVE TO KING ST	PINCKNEY ST	---	---	---	---
500+SQS	-	504+00SQS	STATE ST TO W. WASHINGTON AVE	CARROLL ST	---	---	---	---
504+00SQS	-	508+10SQS	W WASHINGTON AVE TO S HAMILTON ST	CARROLL ST	---	---	---	---
508+10SQS	-	512+00SQS	S HAMILTON ST TO MARTIN LUTHER KING JR BLVD	W MAIN ST	---	---	---	---
512+00SQS	-	516+20SQS	MARTIN LUTHER KING JR BLVD TO KING ST	E MAIN ST	---	---	---	---
201+00WA	-	207+50WA	PINCKNEY ST TO BUTLER ST	E WASHINGTON AVE	---	---	---	---
207+50WA	-	210+00WA	BUTLER ST TO HANCOCK ST	E WASHINGTON AVE	65	---	---	---
210+00WA	-	211+25WA	HANCOCK ST TO FRANKLIN ST	E WASHINGTON AVE	225	---	---	---
211+25WA		216+50WA	FRANKLIN ST TO BLAIR ST	E WASHINGTON AVE	373	41	---	---
			BLAIR ST (NORTH & SOUTH)		334	102	---	---
216+50WA	-	223+00WA	BLAIR ST TO BLOUNT ST	E WASHINGTON AVE	819	---	---	10
223+00WA	-	229+75WA	BLOUNT ST TO LIVINGSTON ST	E WASHINGTON AVE	1,136	50	---	---
			LIVINGSTON ST (NORTH & SOUTH)		---	---	---	---
229+75WA	-	236+50WA	LIVINGSTON ST TO PATERSON ST	E WASHINGTON AVE	650	118	---	---
			PATERSON ST (NORTH & SOUTH)		216	61	---	---
236+50WA	-	243+00WA	PATERSON ST TO BREARLY ST	E WASHINGTON AVE	927	56	---	---
			BREARLY ST (NORTH & SOUTH)		123	---	---	---
243+00WA	-	249+50WA	BREARLY ST TO INGERSOLL ST	E WASHINGTON AVE	654	---	---	---
SHEET 1-3 SUBTOTALS:					56,990	1,751	273	88

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60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
**CITY OF MADISON**

60631225P  
 MQ-PMR3

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**PAVEMENT MARKING REMOVALS SHEET 4 OF 5**

SPV.0090.108      SPV.0090.109      SPV.0090.110      SPV.0060.101

STATION	TO	STATION	LOCATION	ROADWAY	MARKING REMOVALS			
					LONGITUDINAL LINE 8-INCH WIDE MAX LF	WIDE LINE GREATER THAN 8-INCH WIDE LF	LADDER/CONTINENTAL CROSSWALKS LF	SPECIAL-ARROWS, WORDS AND SYMBOLS EACH
SHEET 1-3 SUBTOTALS:					56,990	1,751	273	88
249+50WA	-	256+00WA	INGERSOLL ST TO FEW ST	E WASHINGTON AVE	385	---	983	---
			FEW ST (NORTH)		21	---	---	---
256+00WA	-	263+00WA	FEW ST TO BALDWIN ST	E WASHINGTON AVE	288	60	2,250	---
			BALDWIN ST (NORTH & SOUTH)		94	23	---	---
263+00WA	-	269+50WA	BALDWIN ST TO DICKINSON ST	E WASHINGTON AVE	484	123	2,533	3
			DICKINSON ST (NORTH)		---	---	---	---
269+00WA	-	276+00WA	DICKINSON ST TO SPARKLE CT	E WASHINGTON AVE	386	161	1,266	3
276+00WA	-	288+50WA	SPARKLE CT TO FIRST ST	E WASHINGTON AVE	1,305	285	1,266	16
			FIRST ST (NORTH & SOUTH)		433	86	---	---
288+50WA	-	297+00WA	FIRST ST TO SECOND ST	E WASHINGTON AVE	646	65	1,266	2
297+00WA	-	302+00WA	SECOND ST TO THIRD ST	E WASHINGTON AVE	217	---	---	---
			THIRD ST (NORTH)		---	---	---	---
302+00WA	-	308+50WA	THIRD ST TO FOURTH ST	E WASHINGTON AVE	582	57	---	8
			FOURTH ST (NORTH & SOUTH)		160	---	---	---
308+50WA	-	314+00WA	FOURTH ST TO N FIFTH ST	E WASHINGTON AVE	508	36	---	8
			N FIFTH ST (NORTH)		---	---	---	---
314+00WA	-	320+00WA	N FIFTH ST TO SIXTH ST	E WASHINGTON AVE	328	---	---	---
320+00WA	-	329+50WA	SIXTH ST TO NORTH ST/MILWAUKEE ST	E WASHINGTON AVE	1,179	63	---	---
			NORTH ST (NORTH)		145	30	---	---
			MILWAUKEE ST (SOUTH)		180	40	---	---
329+50WA	-	339+00WA	NORTH ST/MILWAUKEE ST TO PAWLING ST	E WASHINGTON AVE	901	57	---	---
339+00WA	-	343+00WA	PAWLING ST TO E JOHNSON ST	E WASHINGTON AVE	232	---	---	---
343+00WA	-	349+00WA	E JOHNSON ST TO N OAK ST	E WASHINGTON AVE	746	---	---	---
			N OAK ST (NORTH)		---	---	---	---
349+00WA	-	353+00WA	N OAK ST TO MARQUETTE ST	E WASHINGTON AVE	692	45	---	---
			MARQUETTE ST (SOUTH)		83	18	---	---
353+00WA	-	364+00WA	MARQUETTE ST TO ABERG AVE SW RAMPS	E WASHINGTON AVE	958	58	---	---
364+00WA	-	371+00WA	ABERG AVE SW RAMPS TO NE ABERG RAMPS	E WASHINGTON AVE	757	---	---	---
371+00WA	-	377+00WA	NE ABERG RAMPS TO MELVIN CT	E WASHINGTON AVE	337	---	---	---
			MELVIN CT/RETHKE CT (NORTH & SOUTH)		184	36	---	---
SHEET 1-4 SUBTOTALS:					69,219	2,994	9,838	128

Mark	REVISION	DATE	BY
Designed By: AECOM 90631225P	Date: 10/20/2022	Scale: NTS	

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
BUS RAPID TRANSIT  
CITY OF MADISON

60631225P  
MQ-PMR4



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**PAVEMENT MARKING REMOVALS SHEET 5 OF 5**

STATION	TO	STATION	LOCATION	ROADWAY	SPV.0090.108	SPV.0090.109	SPV.0090.110	SPV.0060.101
					MARKING REMOVAL LONGITUDINAL LINE 8-INCH WIDE MAX	MARKING REMOVAL WIDE LINE GREATER THAN 8- INCH WIDE	MARKING REMOVALS LADDER/ CONTINENTAL CROSSWALKS	MARKING REMOVAL SPECIAL-ARROWS, WORDS AND SYMBOLS
					LF	LF	LF	EACH
SHEET 1-4 SUBTOTALS:					69,219	2,994	9,838	128
377+00WA	-	396+00WA	MELVIN CT TO N FAIR OAKS AVE N FAIR OAKS AVE	E WASHINGTON AVE	1,537 122	57 37	---	---
396+00WA	-	398+00 WA	N FAIR OAKS AVE TO WRIGHT ST	E WASHINGTON AVE	---	---	---	---
398+00WA	-	404+00WA	WRIGHT ST TO REINDAHL AVE	E WASHINGTON AVE	415	---	---	---
10+00WR	-	13+00WR	E WASHINGTON AVE TO CARPENTER ST	WRIGHT ST	230	41	---	---
13+00WR	-	36+00WR	CARPENTER ST TO ANDERSON ST	WRIGHT ST	---	---	---	---
20+00AN	-	36+00AN	WRIGHT ST TO STOUGHTON RD	ANDERSON ST	1,257	60	---	---
36+00AN	-	39+00AN	STOUGHTON RD TO LEIN RD	ANDERSON ST	---	.	---	---
501+00ME	-	511+10ME	LEIN RD TO E WASHINGTON AVE	MENDOTA ST	567	20	---	---
428+00WA	-	443+00WA	MENDOTA ST TO LEIN RD	E WASHINGTON AVE	417	90	---	---
443+00WA	-	455+00WA	LEIN RD TO PORTAGE RD/THEIRER RD PORTAGE RD/THEIRER RD (NORTH & SOUTH)	E WASHINGTON AVE	350 120	58 33	---	---
455+00WA	-	470+00WA	PORTAGE RD/THEIRER RE TO CONTINENTAL LN/EAGAN RD CONTINENTAL LN/EAGAN RD	E WASHINGTON AVE	3,367 ---	60 ---	---	4 ---
470+00WA	-	478+00WA	CONTINENTAL LN/EAGAN RD TO INDEPENDENCE LN INDEPENDENCE LN	E WASHINGTON AVE	1,791 236	---	---	---
478+00WA	-	487+50WA	INDEPENDENCE LN TO FRONTAGE RD/ZEIER RD FRONTAGE RD/ZEIER RD (NORTH & SOUTH)	E WASHINGTON AVE	2,004 ---	---	---	---
487+50WA	-	498+00WA	FRONTAGE RD/ZEIER RD TO EAST SPRINGS DR	E WASHINGTON AVE	2,380	56	---	3
498+00WA	-	END OF PROJECT	EAST SPRINGS DR TO IH 39/90/94	E WASHINGTON AVE	405	---	---	---
SHEET 1-5 SUBTOTALS:					84,416	3,546	9,838	135
PROJECT UNDISTRIBUTED					4,221	177	492	7
TRAFFIC CONTROL UNDISTRIBUTED					16,175	288	1,328	32
PROJECT TOTALS:					104,812	4,011	11,658	174

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/20/2022	Scale: NTS
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-PMR5

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

**PAVEMENT MARKING LINES (A) SHEET 1 OF 7**

STATION	TO	STATION	LOCATION	ROADWAY	646.1020		646.1545		SPV.0090.107		SPV.0090.103		SPV.0090.104			
					MARKING LINE EPOXY 4-INCH (SOLID) (WHITE)	MARKING LINE EPOXY 4-INCH (SOLID) (YELLOW)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (SOLID)(WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (10' LINE-30' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (YELLOW)	PAVEMENT MARKING EPOXY LINE 6-INCH (10' LINE 30' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (5' LINE 5' GAP) (WHITE)
					LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
			WEST TERMINAL/JUNCTION ROAD	JUNCTION RD	456	756	---	---	---	64	102	190	---	10	---	---
64+00MP	-	72+50MP	BELTLINE TO TREE LANE/BIG SKY DRIVE	MINERAL POINT RD	---	---	---	---	---	---	116	127	---	74	---	113
72+50MP	-	79+00MP	TREE LANE/BIG SKY DR TO HIGH POINT RD	MINERAL POINT RD	---	---	---	---	112	---	250	987	150	120	70	---
			HIGH POINT RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
79+00MP	-	84+00MP	HIGH POINT RD TO WESTWARD WAY/GANSER WAY	MINERAL POINT RD	---	---	---	---	---	---	187	841	355	66	39	66
84+00MP	-	92+00MP	WESTWARD WAY/GANSER WAY TO RANDOLPH/DONOFRIO DR	MINERAL POINT RD	---	---	---	---	---	---	359	1322	431	152	100	---
92+00MP	-	105+00MP	RANDOLPH/DONOFRIO DR TO WESTFIELD ROAD	MINERAL POINT RD	---	---	---	---	116	---	554	2324	317	262	172	97
			WESTFIELD ROAD (NORTH)		---	---	---	---	---	---	---	---	---	---	---	---
105+00MP	-	118+00MP	WESTFIELD ROAD TO GAMMON ROAD	MINERAL POINT RD	---	---	---	---	---	---	565	2588	975	187	123	85
			GAMMON ROAD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
118+00MP	-	133+50MP	GAMMON ROAD TO GRAND CANYON DR	MINERAL POINT RD	---	---	---	---	218	---	661	2727	1061	228	131	135
			GRAND CANYON DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
133+50 MP	-	137+25MP	GRAND CANYON DR TO CORONADO CT	MINERAL POINT RD	---	---	---	---	---	---	147	734	201	---	---	---
137+25 MP	-	147+00MP	CORONADO CT TO YELLOWSTONE DR	MINERAL POINT RD	---	---	---	---	96	---	452	1837	1217	75	50	---
			YELLOWSTONE DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
147+00MP	-	154+45MP	YELLOWSTONE DR TO NAUTILUS DR	MINERAL POINT RD	---	---	---	---	---	---	337	1372	436	146	100	77
154+45MP	-	161+50MP	NAUTILUS DR TO ISLAND DR	MINERAL POINT RD	---	---	---	---	113	---	316	1260	422	78	50	---
			ISLAND DR (NORTH)		---	---	---	---	---	---	---	---	---	---	---	---
161+50MP	-	183+25MP	ISLAND DR TO ROSA RD	MINERAL POINT RD	---	---	---	---	215	---	1019	4213	1649	341	218	152
			ROSA RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
SHEET 1 SUBTOTALS:					456	756	---	---	869	64	5062	20522	7214	1737	1052	724

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	Scale: NTS	
60631225P	10/20/2022		

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**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

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PAVEMENT MARKING LINES (A) SHEET 2 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.1020		646.1545		SPV.0090.107		SPV.0090.103		SPV.0090.104			
					MARKING LINE EPOXY 4-INCH (SOLID) (WHITE)	MARKING LINE EPOXY 4-INCH (SOLID) (YELLOW)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (SOLID)(WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (10' LINE-30' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (YELLOW)	PAVEMENT MARKING EPOXY LINE 6-INCH (10' LINE 30' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (5' LINE 5' GAP) (WHITE)
LF		LF		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF		
SHEET 1 SUBTOTAL:					456	756	---	---	869	64	5062	20522	7214	1737	1052	724
183+25MP	-	200+75MP	ROSA RD TO WHITNEY WAY	MINERAL POINT RD	---	---	---	---	70	---	1033	2182	1219	70	50	220
200+75MP	-	204+81MP	WHITNEY WAY TO SCIENCE DR	MINERAL POINT RD	---	---	---	---	---	---	---	---	---	---	---	---
28+00WW	-	42+00WW	MINERAL POINT RD TO SOUTH HILL DR	WHITNEY WAY	---	---	---	---	---	---	75	1678	973	127	99	58
42+00WW	-	52+50WW	SOUTH HILL DR TO MARATHON DR	WHITNEY WAY	---	---	---	---	---	---	---	2009	1471	72	50	---
52+50WW	-	60+00WW	MARATHON DR TO REGENT STREET	WHITNEY WAY	---	---	---	---	---	---	---	802	165	126	126	208
REGENT STREET (NORTH & SOUTH)					---	---	---	---	---	---	---	---	---	---	---	---
60+00WW	-	67+75WW	REGENT ST TO LANGLOIS ST	WHITNEY WAY	---	---	---	---	---	---	---	1383	329	140	73	53
67+75WW	-	75+65WW	LANGLOIS ST TO WYNWOOD WAY	WHITNEY WAY	---	---	---	---	---	---	184	810	644	4	4	---
75+65WW	-	82+00WW	WYNWOOD WAY TO OLD MIDDLETON ROAD	WHITNEY WAY	---	---	---	---	---	---	66	619	216	---	---	---
2+00SH	-	11+50SH	WHITNEY WAY TO EAU CLAIRE AVE	SHEBOYGAN AVE	---	---	---	---	---	---	---	---	---	---	---	---
EAU CLAIRE AVE (NORTH & SOUTH)					---	---	---	---	---	---	---	---	---	---	---	---
11+50SH	-	31+00SH	EAU CLAIRE AVE TO SEGOE ROAD	SHEBOYGAN AVE	---	---	---	---	---	---	---	141	32	32	28	---
SEGOE ROAD INTERSECTION					---	---	---	---	71	---	---	---	---	---	---	---
7+00SE	-	10+00SE	SAWYER RD TO SHEBOYGAN AVE	SEGOE ROAD	---	---	---	---	---	---	---	---	---	---	---	---
10+00SE	-	18+00SE	SHEBOYGAN AVE TO UNIVERSITY AVE	SEGOE ROAD	---	---	---	---	---	---	86	468	---	131	27	---
300+00UC	-	310+00UC	SEGOE RD TO MAPLE TERRACE/HILLDALE WAY	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---	---
310+00UC	-	316+50UC	MAPLE TERRACE/HILLDALE WAY TO MIDVALE BLVD	UNIVERSITY AVE	---	---	---	---	---	---	218	535	171	---	---	---
316+50UC	-	335+00UC	MIDVALE BLVD TO SHOREWOOD BLVD/HILL ST	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---	---
SHOREWOOD BLVD (NORTH)					---	---	---	---	---	---	---	---	---	---	---	---
HILL STREET (SOUTH)					---	---	---	---	---	---	---	---	---	---	---	---
SHEET 1-2 SUBTOTALS:					456	756	---	---	1010	64	6724	31149	12434	2439	1508	1263

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PAVEMENT MARKING LINES (A) SHEET 3 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.1020		646.1545		SPV.0090.107		SPV.0090.103		SPV.0090.104			
					MARKING LINE EPOXY 4-INCH (SOLID) (WHITE)	MARKING LINE EPOXY 4-INCH (SOLID) (YELLOW)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (SOLID)(WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (10' LINE-30' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (YELLOW)	PAVEMENT MARKING EPOXY LINE 6-INCH (10' LINE 30' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (5' LINE 5' GAP) (WHITE)
LF		LF		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
SHEET 1-2 SUBTOTALS:					456	756	--	--	1010	64	6724	31149	12434	2439	1508	1263
335+00UC	-	363+00UC	SHOREWOOD BLVD/HILL ST TO UNIVERSITY BAY DR/FARLEY AVE	UNIVERSITY AVE	--	--	--	86	--	--	--	--	--	--	--	--
363+00UC	-	372+00UC	UNIVERSITY BAY DR TO CAMPUS DR	UNIVERSITY AVE	--	--	--	--	--	--	--	216	--	--	--	--
			UNIVERSITY AVE (SOUTH)		--	--	--	--	--	--	--	--	--	--	--	--
372+00UC	-	406+00UC	UNIVERSITY DR TO PRINCETON AVE	CAMPUS DR	--	--	--	--	--	--	--	--	--	--	--	--
406+00UC	-	420+25UC	PRINCETON AVE TO UNIVERSITY AVE	CAMPUS DR	--	--	--	--	--	--	172	905	493	75	75	--
797+00UN	-	802+85UN	CAMPUS DR TO BABCOCK DR	UNIVERSITY AVE	--	--	--	--	--	--	--	--	--	--	--	--
802+85UN	-	808+00UN	BABCOCK DR TO RANDALL AVE	UNIVERSITY AVE	--	--	--	--	--	--	--	--	--	--	101	--
808+00UN	-	812+50UN	RANDALL AVE TO ORCHARD STREET	UNIVERSITY AVE	--	--	--	--	--	--	--	--	253	--	--	--
812+50UN	-	816+00UN	ORCHARD ST TO CHARTER ST	UNIVERSITY AVE	--	--	--	--	--	--	--	--	94	--	--	--
816+00UN	-	821+00UN	CHARTER ST TO MILLS ST	UNIVERSITY AVE	--	--	--	--	--	--	--	--	188	--	50	--
821+00UN	-	826+00UN	MILLS ST TO BROOKS ST	UNIVERSITY AVE	--	--	--	--	--	--	--	--	279	--	--	--
826+00UN	-	831+00UN	BROOKS ST TO PARK ST	UNIVERSITY AVE	--	--	--	--	--	--	--	--	279	--	--	--
831+00UN	-	835+00UN	PARK ST TO E CAMPUS MALL	UNIVERSITY AVE	--	--	--	--	--	--	--	--	75	--	35	--
835+00UN	-	839+00UN	E CAMPUS MALL TO LAKE ST	UNIVERSITY AVE	--	--	--	--	--	--	--	--	202	--	--	--
839+00UN	-	844+00UN	LAKE ST TO FRANCES ST/GILMAN ST	UNIVERSITY AVE	--	--	--	--	--	--	--	--	104	--	50	--
844+00UN	-	848+00UN	FRANCES ST/GILMAN ST TO BASSETT ST	UNIVERSITY AVE	--	--	--	--	--	--	--	--	84	--	42	--
200+00JO	-	205+00JO	UNIVERSITY AVE TO RANDALL AVE	CAMPUS DR	--	--	--	--	--	--	--	--	--	--	40	--
205+00JO	-	210+00JO	RANDALL AVE TO ORCHARD STREET	CAMPUS DR	--	--	--	--	--	--	--	--	23	--	--	--
210+00JO	-	214+50JO	ORCHARD ST TO CHARTER ST	JOHNSON ST	--	--	--	--	--	--	--	--	100	--	50	--
214+50JO	-	219+00JO	CHARTER ST TO MILLS ST	JOHNSON ST	--	--	--	--	--	--	--	--	104	--	50	--
SHEET 1-3 SUBTOTALS:					456	756	--	86	1010	64	6896	32270	14712	2514	2001	1263

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PAVEMENT MARKING LINES (A) SHEET 4 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.1020		646.1545		SPV.0090.107		SPV.0090.103		SPV.0090.104			
					MARKING LINE EPOXY 4-INCH (SOLID) (WHITE)	MARKING LINE EPOXY 4-INCH (SOLID) (YELLOW)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (SOLID)(WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (10' LINE-30' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (YELLOW)	PAVEMENT MARKING EPOXY LINE 6-INCH (10' LINE 30' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (5' LINE 5' GAP) (WHITE)
LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
SHEET 1-3 SUBTOTALS:					456	756	---	86	1010	64	6896	32270	14712	2514	2001	1263
219+00JO	-	223+00JO	MILLS ST TO BROOKS ST	JOHNSON ST	---	---	---	---	---	---	---	---	26	---	69	---
223+00JO	-	228+00JO	BROOKS ST TO PARK ST	JOHNSON ST	---	---	---	---	---	---	---	---	75	---	68	---
228+00JO	-	232+00JO	PARK ST TO E CAMPUS MALL	JOHNSON ST	---	---	---	---	---	---	---	---	234	---	---	---
232+00JO	-	236+50JO	E CAMPUS MALL TO LAKE ST	JOHNSON ST	---	---	---	---	---	---	---	---	75	---	45	---
236+05JO	-	241+00JO	LAKE ST TO FRANCES ST	JOHNSON ST	---	---	---	---	---	---	---	---	87	---	50	---
241+00JO	-	247+50JO	FRANCES ST TO BASSETT ST	JOHNSON ST	---	---	---	---	---	---	---	---	20	---	222	---
247+50JO	-	254+00JO	BASSETT ST TO BROOM ST	JOHNSON ST	---	---	---	---	---	---	---	---	330	---	---	---
254+00JO	-	261+00JO	BROOM ST TO STATE ST	JOHNSON ST	---	---	---	---	---	---	---	---	---	---	---	---
WEST TO EAST					---	---	---	---	---	---	---	---	---	---	---	---
301+00ST	-	306+00ST	W GORHAM ST TO W JOHNSON ST	STATE ST	---	---	---	---	---	---	---	---	---	---	---	---
306+00ST	-	315+50ST	W JOHNSON ST TO W MIFFLIN ST/N CARROL ST	STATE ST	---	---	---	---	---	---	---	---	---	---	---	---
400+00SQN	-	404+00SQN	STATE ST TO WISCONSIN AVE	MIFFLIN ST	---	---	---	---	---	---	---	372	---	---	---	---
404+00SQN	-	408+10SQN	WISCONSIN AVE TO N HAMILTON ST	MIFFLIN ST	---	---	---	---	---	---	---	148	75	26	26	---
408+10SQN	-	412+10SQN	N HAMILTON ST TO E WASHINGTON AVE	PINCKNEY ST	---	---	---	---	---	---	---	223	---	37	37	---
412+10SQN	-	416+20SQN	E WASHINGTON AVE TO KING ST	PINCKNEY ST	---	---	---	---	---	---	---	221	---	37	37	---
500+SQS	-	504+00SQS	STATE ST TO W. WASHINGTON AVE	CARROLL ST	---	---	---	---	---	---	---	221	---	35	35	---
504+00SQS	-	508+10SQS	W WASHINGTON AVE TO S HAMILTON ST	CARROLL ST	---	---	---	---	---	---	---	222	---	37	37	---
508+10SQS	-	512+00SQS	S HAMILTON ST TO MARTIN LUTHER KING JR BLVD	W MAIN ST	---	---	---	---	---	---	---	152	79	37	37	---
512+00SQS	-	516+20SQS	MARTIN LUTHER KING JR BLVD TO KING ST	E MAIN ST	---	---	---	---	---	---	---	220	---	38	38	---
201+00WA	-	207+50WA	PINCKNEY ST TO BUTLER ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---	---
SHEET 1-4 SUBTOTALS:					456	756	---	86	1010	64	6896	34049	15713	2760	2700	1263

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PAVEMENT MARKING LINES (A) SHEET 5 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.1020		646.1545		SPV.0090.107		SPV.0090.103		SPV.0090.104			
					MARKING LINE EPOXY 4-INCH (SOLID) (WHITE)	MARKING LINE EPOXY 4-INCH (SOLID) (YELLOW)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (SOLID)(WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (10' LINE-30' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (YELLOW)	PAVEMENT MARKING EPOXY LINE 6-INCH (10' LINE 30' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (5' LINE 5' GAP) (WHITE)
LF		LF			LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
SHEET 1-4 SUBTOTALS:					456	756	---	86	1010	64	6896	34049	15713	2760	2700	1263
207+50WA	-	210+50WA	BUTLER ST TO HANCOCK ST	E WASHINGTON AVE	---	---	---	---	---	---	---	54	---	50	50	---
210+50WA	-	213+00WA	HANCOCK ST TO FRANKLIN ST	E WASHINGTON AVE	---	---	---	---	---	---	---	216	---	70	70	---
213+00WA		216+50WA	FRANKLIN ST TO BLAIR ST	E WASHINGTON AVE	---	---	---	---	---	---	---	469	---	---	---	---
			BLAIR ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
216+50WA	-	223+00WA	BLAIR ST TO BLOUNT ST	E WASHINGTON AVE	---	---	---	84	---	---	---	---	---	---	35	---
223+00WA	-	229+75WA	BLOUNT ST TO LIVINGSTON ST	E WASHINGTON AVE	---	---	---	146	---	---	---	---	---	---	145	---
			LIVINGSTON ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
229+75WA	-	236+50WA	LIVINGSTON ST TO PATERSON ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	377	---	40	---
			PATERSON ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
236+50WA	-	243+00WA	PATERSON ST TO BREARLY ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	179	---	89	---
			BREARLY ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	231	---	---	---
243+00WA	-	249+50WA	BREARLY ST TO INGERSOLL ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	203	---	100	---
249+50WA	-	256+00WA	INGERSOLL ST TO FEW ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	578	---	50	---
			FEW ST (NORTH)		---	---	---	---	---	---	---	---	100	---	---	---
256+00WA	-	263+00WA	FEW ST TO BALDWIN ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	786	---	---	---
			BALDWIN ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
263+00WA	-	269+50WA	BALDWIN ST TO DICKINSON ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	215	---	100	---
			DICKINSON ST (NORTH)		---	---	---	---	---	---	---	---	---	---	---	---
269+00WA	-	276+00WA	DICKINSON ST TO SPARKLE CT	E WASHINGTON AVE	---	---	---	---	---	---	---	---	693	---	48	---
276+00WA	-	288+50WA	SPARKLE CT TO FIRST ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	1823	---	---	---
SHEET 1-5 SUBTOTALS:					456	756	---	315	1010	64	6896	34788	20898	2879	3425	1263

Mark	REVISION	Scale: NTS
Designed By: AECOM	Date: 10/20/2022	BY:
60631225P		

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-PML5

PAVEMENT MARKING LINES (A) SHEET 6 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.1020		646.1545		SPV.0090.107		SPV.0090.103		SPV.0090.104			
					MARKING LINE EPOXY 4-INCH (SOLID) (WHITE)	MARKING LINE EPOXY 4-INCH (SOLID) (YELLOW)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (SOLID)(WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (10' LINE-30' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (YELLOW)	PAVEMENT MARKING EPOXY LINE 6-INCH (10' LINE 30' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (5' LINE 5' GAP) (WHITE)
LF		LF			LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
SHEET 1-5 SUBTOTALS:					456	756	--	315	1010	64	6896	34788	20898	2879	3425	1263
FIRST ST (NORTH & SOUTH)					--	--	--	--	107	36	--	--	--	--	--	--
288+50WA	-	297+00WA	FIRST ST TO SECOND ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	466	--	100	--
297+00WA	-	302+00WA	SECOND ST TO THIRD ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	353	--	22	--
THIRD ST (NORTH)					--	--	--	--	--	--	--	--	93	--	--	--
302+00WA	-	308+50WA	THIRD ST TO FOURTH ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	666	--	50	--
FOURTH ST (NORTH & SOUTH)					--	--	--	--	--	--	--	--	--	--	--	--
308+50WA	-	314+00WA	FOURTH ST TO N FIFTH ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	403	--	48	--
N FIFTH ST (NORTH)					--	--	--	--	--	--	--	--	--	--	--	--
314+00WA	-	320+00WA	N FIFTH ST TO SIXTH ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	529	--	56	27
320+00WA	-	329+50WA	SIXTH ST TO NORTH ST/MILWAUKEE ST	E WASHINGTON AVE	--	--	256	65	--	--	--	--	234	--	35	--
NORTH ST (NORTH)					--	--	--	--	--	--	--	--	--	--	--	--
MILWAUKEE ST (SOUTH)					--	--	--	--	--	--	--	--	--	--	--	--
329+50WA	-	339+00WA	NORTH ST/MILWAUKEE ST TO PAWLING ST	E WASHINGTON AVE	--	--	229	62	--	--	--	--	339	--	44	--
339+00WA	-	343+00WA	PAWLING ST TO E JOHNSON ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	50	--	26	--
343+00WA	-	349+00WA	E JOHNSON ST TO N OAK ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	75	--	25	--
N OAK ST (NORTH)					--	--	--	--	--	--	--	--	--	--	--	--
349+00WA	-	353+00WA	N OAK ST TO MARQUETTE ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	--	--	20	--
MARQUETTE ST (SOUTH)					--	--	--	--	--	--	--	--	--	--	--	--
353+00WA	-	364+00WA	MARQUETTE ST TO ABERG AVE SW RAMP	E WASHINGTON AVE	--	--	--	--	106	--	--	--	75	--	104	--
364+00WA	-	371+00WA	ABERG AVE SW RAMP TO NE ABERG RAMP	E WASHINGTON AVE	--	--	--	--	68	--	--	--	--	--	--	--
SHEET 1-6 SUBTOTALS:					456	756	485	441	1289	100	6896	34788	24181	2879	3954	1290

Mark	DESIGNED BY: AECOM	DATE	Scale: NTS
REVISION	Date:	BY	
	10/20/2022		

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
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 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-PML6

PAVEMENT MARKING LINES (A) SHEET 7 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.1020		646.1545		SPV.0090.107		SPV.0090.103		SPV.0090.104			
					MARKING LINE EPOXY 4-INCH (SOLID) (WHITE)	MARKING LINE EPOXY 4-INCH (SOLID) (YELLOW)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (SOLID)(WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (10' LINE-30' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (WHITE)	PAVEMENT MARKING EPOXY RADIUS LINE 5-INCH (5' LINE 5' GAP) (YELLOW)	PAVEMENT MARKING EPOXY LINE 6-INCH (10' LINE 30' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (SOLID) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (WHITE)	PAVEMENT MARKING EPOXY LINE 8-INCH (2' LINE 6' GAP) (RED)	PAVEMENT MARKING EPOXY LINE 8-INCH (5' LINE 5' GAP) (WHITE)
LF		LF		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
SHEET 1-6 SUBTOTALS:					456	756	485	441	1289	100	6896	34788	24181	2879	3954	1290
371+00WA	-	377+00WA	NE ABERG RAMPS TO MELVIN CT	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---	
			MELVIN CT (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	
377+00WA	-	398+00WA	MELVIN CT TO N FAIR OAKS AVE	E WASHINGTON AVE	---	---	59	---	---	---	---	---	---	---	---	
			N FAIR OAKS AVE		---	---	---	---	---	---	---	---	---	---	---	
398+00WA	-	404+00WA	WRIGHT ST TO REINDAHL AVE	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---	
10+00WR	-	13+00WR	E WASHINGTON AVE TO CARPENTER ST	WRIGHT ST	---	---	---	---	---	---	---	---	---	---	---	
13+00WR	-	36+00WR	CARPENTER ST TO ANDERSON ST	WRIGHT ST	---	---	---	---	---	---	---	---	---	---	---	
20+00AN	-	36+00AN	WRIGHT ST TO STOUGHTON RD	ANDERSON ST	121	702	---	---	---	88	105	300	---	75	---	
36+00AN	-	39+00AN	STOUGHTON RD TO LEIN RD	ANDERSON ST	---	---	---	---	---	---	---	---	---	---	---	
501+00ME	-	511+10ME	LEIN RD TO E WASHINGTON AVE	MENDOTA ST	---	480	---	---	---	47	---	---	---	---	---	
428+00WA	-	443+00WA	MENDOTA ST TO LEIN RD	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---	
443+00WA	-	455+00WA	LEIN RD TO PORTAGE RD/THEIRER RD	E WASHINGTON AVE	---	---	218	---	---	---	---	---	---	---	---	
			PORTAGE RD/THEIRER RD (NORTH & SOUTH)		---	---	---	---	17	---	---	---	---	---	---	
455+00WA	-	470+00WA	PORTAGE RD/THEIRER RD TO CONTINENTAL LN/EAGAN RD	E WASHINGTON AVE	---	---	---	---	---	---	---	3653	---	165	---	
			CONTINENTAL LN/EAGAN RD		---	---	---	---	---	---	---	---	---	---	---	
470+00WA	-	478+00WA	CONTINENTAL LN/EAGAN RD TO INDEPENDENCE LN	E WASHINGTON AVE	---	---	---	---	---	---	---	---	1714	---	125	
			INDEPENDENCE LN		---	---	---	---	---	---	---	---	---	---	---	
478+00WA	-	487+50WA	INDEPENDENCE LN TO FRONTAGE RD/ZEIER RD	E WASHINGTON AVE	---	---	---	---	---	---	---	---	1950	---	150	
			FRONTAGE RD/ZEIER RD (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	
487+50WA	-	498+00WA	FRONTAGE RD/ZEIER RD TO EAST SPRINGS DR	E WASHINGTON AVE	---	---	---	---	---	---	---	---	2185	---	150	
SHEET 1-7 SUBTOTALS:					577	1938	703	500	1306	234	7001	35088	33683	2955	4543	1290
PROJECT UNDISTRIBUTED					29	97	35	25	65	12	350	1754	1684	148	227	65
TRAFFIC CONTROL UNDISTRIBUTED					1896	2400	---	---	---	---	6047	3490	---	875	---	---
PROJECT TOTALS:					6937		1263		1616		13398		85801			

Mark	DESIGNED BY: AECOM	DATE	BY
60631225P	9/6/2022	10/20/2022	
REVISION	DATE	BY	SCALE
			NTS

60631225P  
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 CONTRACT NO: 60631225C  
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 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-PML7

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

PAVEMENT MARKING LINE (B) SHEET 1 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.3545		646.7420		646.7405		SPV.0090.101		SPV.0090.102		SPV.0090.105		SPV.0090.106		646.8320		SPV.0090.112	
					LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
			WEST TERMINAL/JUNCTION ROAD	JUNCTION RD	---	---	---	366	---	---	817	201	98	---	---	---	---	1548	---	---	---	---
64+00MP	-	72+50MP	BELTLINE TO TREE LANE/BIG SKY DRIVE	MINERAL POINT RD	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
72+50MP	-	79+00MP	TREE LANE/BIG SKY DR TO HIGH POINT RD	MINERAL POINT RD	---	---	---	---	---	---	---	47	---	---	---	---	---	---	---	---	---	---
			HIGH POINT RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
79+00MP	-	84+00MP	HIGH POINT RD TO WESTWARD WAY/GANSER WAY	MINERAL POINT RD	---	---	---	---	186	---	---	43	---	---	---	---	---	---	---	---	---	---
84+00MP	-	92+00MP	WESTWARD WAY/GANSER WAY TO RANDOLPH/DONOFRIO DR	MINERAL POINT RD	---	---	---	---	---	---	---	46	---	---	---	---	---	---	---	---	---	---
92+00MP	-	105+00MP	RANDOLPH/DONOFRIO DR TO WESTFIELD ROAD	MINERAL POINT RD	---	---	---	---	---	---	---	93	---	---	---	---	---	---	---	---	---	---
			WESTFIELD ROAD (NORTH)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
105+00MP	-	118+00MP	WESTFIELD ROAD TO GAMMON ROAD	MINERAL POINT RD	---	---	---	---	179	---	---	90	---	---	---	---	---	---	---	---	---	---
			GAMMON ROAD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
118+00MP	-	133+50MP	GAMMON ROAD TO GRAND CANYON DR	MINERAL POINT RD	---	---	---	---	---	---	---	90	---	---	---	---	---	---	---	---	---	---
			GRAND CANYON DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
133+50 MP	-	137+25MP	GRAND CANYON DR TO CORONADO CT	MINERAL POINT RD	---	---	---	---	188	---	---	44	---	---	---	---	---	---	---	---	---	---
137+25 MP	-	147+00MP	CORONADO CT TO YELLOWSTONE DR	MINERAL POINT RD	---	---	---	---	---	---	---	46	---	---	---	---	---	---	---	---	---	---
			YELLOWSTONE DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
147+00MP	-	154+45MP	YELLOWSTONE DR TO NAUTILUS DR	MINERAL POINT RD	---	---	---	---	---	---	---	44	---	---	---	---	---	---	---	---	---	---
154+45MP	-	161+50MP	NAUTILUS DR TO ISLAND DR	MINERAL POINT RD	---	---	---	---	185	---	---	44	---	---	---	---	---	---	---	---	---	---
			ISLAND DR (NORTH)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
161+50MP	-	183+25MP	ISLAND DR TO ROSA RD	MINERAL POINT RD	---	---	---	---	191	---	---	88	---	---	---	---	---	---	---	---	---	---
			ROSA RD (SOUTH)		---	---	---	---	---	---	293	27	---	---	---	---	---	---	---	---	---	---
SHEET 1 SUBTOTALS:					---	---	---	366	929	1111	903	98	---	---	---	---	---	1548	---	---	---	---

Mark	REVISION	Scale: NTS
Designed By: AECOM 90631225P	Date: 10/20/2022	BY
		DATE

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
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60631225P  
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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:



PAVEMENT MARKING LINE (B) SHEET 2 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	646.7420 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	646.7405 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	646.7405 MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	SPV.0090.101 PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	SPV.0090.102 PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	SPV.0090.105 PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	SPV.0090.106 PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	646.8320 MARKING PARKING STALL EPOXY (WHITE)	SPV.0090.112 MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
SHEET 1 SUBTOTAL:					---	---	---	366	929	1111	903	98	---	1548	---
183+25MP	-	200+75MP	ROSA RD TO WHITNEY WAY	MINERAL POINT RD	---	---	---	---	184	412	89	---	---	---	---
200+75MP	-	204+81MP	WHITNEY WAY TO SCIENCE DR	MINERAL POINT RD	---	---	---	---	---	---	---	---	---	---	---
28+00WW	-	42+00WW	MINERAL POINT RD TO SOUTH HILL DR	WHITNEY WAY	---	---	---	---	---	---	45	---	---	---	---
42+00WW	-	52+50WW	SOUTH HILL DR TO MARATHON DR	WHITNEY WAY	---	---	---	---	---	---	---	---	---	---	---
52+50WW	-	60+00WW	MARATHON DR TO REGENT STREET	WHITNEY WAY	---	---	---	---	---	371	42	---	---	---	---
REGENT STREET (NORTH & SOUTH)					---	---	---	---	---	391	38	---	---	---	---
60+00WW	-	67+75WW	REGENT ST TO LANGLOIS ST	WHITNEY WAY	---	---	---	---	---	371	42	---	---	---	---
67+75WW	-	75+65WW	LANGLOIS ST TO WYNWOOD WAY	WHITNEY WAY	---	---	---	---	---	963	---	---	---	---	---
75+65WW	-	82+00WW	WYNWOOD WAY TO OLD MIDDLETON ROAD	WHITNEY WAY	---	---	---	---	---	716	75	---	67	---	---
2+00SH	-	11+50SH	WHITNEY WAY TO EAU CLAIRE AVE	SHEBOYGAN AVE	---	---	---	---	---	432	40	---	---	---	---
EAU CLAIRE AVE (NORTH & SOUTH)					---	---	---	---	---	489	---	---	---	---	---
11+50SH	-	31+00SH	EAU CLAIRE AVE TO SEGOE ROAD	SHEBOYGAN AVE	---	---	---	---	---	381	37	---	---	---	---
SEGOE ROAD INTERSECTION					---	---	---	---	---	---	---	---	---	---	---
7+00SE	-	10+00SE	SAWYER RD TO SHEBOYGAN AVE	SEGOE ROAD	---	---	---	---	---	458	41	---	---	---	---
10+00SE	-	18+00SE	SHEBOYGAN AVE TO UNIVERSITY AVE	SEGOE ROAD	---	---	---	---	---	324	63	---	---	---	---
300+00UC	-	310+00UC	SEGOE RD TO MAPLE TERRACE/HILLDALE WAY	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---
310+00UC	-	316+50UC	MAPLE TERRACE/HILLDALE WAY TO MIDVALE BLVD	UNIVERSITY AVE	---	---	---	---	---	2023	194	---	---	---	---
316+50UC	-	335+00UC	MIDVALE BLVD TO SHOREWOOD BLVD/HILL ST	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---
SHOREWOOD BLVD (NORTH)					---	---	---	---	---	---	---	---	---	---	---
HILL STREET (SOUTH)					---	---	---	---	---	---	---	---	---	---	---
SHEET 1-2 SUBTOTALS:					---	---	---	366	1113	8441	1609	98	67	1548	---

Mark	90631225P
Designed By: AECOM	
REVISION	Date: 10/20/2022
Scale: NTS	
DATE	
BY	

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 CITY OF MADISON, DANE COUNTY, WI  
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60631225P  
 MQ-PML9

PAVEMENT MARKING LINE (B) SHEET 3 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18-INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8-INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8-INCH (18" LINE 17" GAP) (WHITE)
LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF		
SHEET 1-2 SUBTOTALS:					---	---	---	366	1113	8441	1609	98	67	1548	---
335+00UC	-	363+00UC	SHOREWOOD BLVD/HILL ST TO UNIVERSITY BAY DR/FARLEY AVE	UNIVERSITY AVE	---	---	---	77	11	---	---	---	---		
363+00UC	-	372+00UC	UNIVERSITY BAY DR TO CAMPUS DR	UNIVERSITY AVE	---	---	---	---	12	---	---	---	---		
			UNIVERSITY AVE (SOUTH)		---	---	---	---	---	---	---	---	---		
372+00UC	-	406+00UC	UNIVERSITY DR TO PRINCETON AVE	CAMPUS DR	---	---	---	---	---	---	---	---	---		
406+00UC	-	420+25UC	PRINCETON AVE TO UNIVERSITY AVE	CAMPUS DR	---	---	---	---	38	---	---	---	---		
797+00UN	-	802+85UN	CAMPUS DR TO BABCOCK DR	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---		
802+85UN	-	808+00UN	BABCOCK DR TO RANDALL AVE	UNIVERSITY AVE	166	101	---	---	---	---	---	---	---		
808+00UN	-	812+50UN	RANDALL AVE TO ORCHARD STREET	UNIVERSITY AVE	353	---	---	---	---	---	---	---	---		
812+50UN	-	816+00UN	ORCHARD ST TO CHARTER ST	UNIVERSITY AVE	236	---	---	---	10	---	---	---	---		
816+00UN	-	821+00UN	CHARTER ST TO MILLS ST	UNIVERSITY AVE	241	50	---	---	---	---	---	---	---		
821+00UN	-	826+00UN	MILLS ST TO BROOKS ST	UNIVERSITY AVE	387	---	---	---	---	---	---	---	---		
826+00UN	-	831+00UN	BROOKS ST TO PARK ST	UNIVERSITY AVE	387	---	---	---	---	---	---	---	---		
831+00UN	-	835+00UN	PARK ST TO E CAMPUS MALL	UNIVERSITY AVE	190	35	---	26	---	---	---	---	---		
835+00UN	-	839+00UN	E CAMPUS MALL TO LAKE ST	UNIVERSITY AVE	348	---	---	13	---	11	---	---	---		
839+00UN	-	844+00UN	LAKE ST TO FRANCES ST/GILMAN ST	UNIVERSITY AVE	158	50	---	---	---	---	---	---	---		
844+00UN	-	848+00UN	FRANCES ST/GILMAN ST TO BASSETT ST	UNIVERSITY AVE	139	42	---	---	---	---	---	---	---		
200+00JO	-	205+00JO	UNIVERSITY AVE TO RANDALL AVE	CAMPUS DR	539	40	---	---	---	---	---	---	---		
205+00JO	-	210+00JO	RANDALL AVE TO ORCHARD STREET	CAMPUS DR	252	---	---	36	---	19	---	---	---		
210+00JO	-	214+50JO	ORCHARD ST TO CHARTER ST	JOHNSON ST	156	50	---	---	---	---	---	---	---		
214+50JO	-	219+00JO	CHARTER ST TO MILLS ST	JOHNSON ST	158	50	---	---	---	---	---	---	---		
SHEET 1-3 SUBTOTALS:					3710	418	---	441	1113	8519	1710	98	67	1548	---

Mark	60631225P
Designed By: AECOM	90631225P
REVISION	Date: 10/20/2022
Scale: NTS	
DATE	
BY	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-PML10

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PAVEMENT MARKING LINE (B) SHEET 4 OF 7

		646.3545		646.7420		646.7405		SPV.0090.101		SPV.0090.102		SPV.0090.105		SPV.0090.106		646.8320		SPV.0090.112		
		MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18-INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8-INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8-INCH (18" LINE 17" GAP) (WHITE)								
STATION	TO STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
SHEET 1-3 SUBTOTALS:				3710	418	---	441	1113	8519	1710	98	67	1548	---						
219+00JO	- 223+00JO	MILLS ST TO BROOKS ST	JOHNSON ST	80	69	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
223+00JO	- 228+00JO	BROOKS ST TO PARK ST	JOHNSON ST	75	68	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
228+00JO	- 232+00JO	PARK ST TO E CAMPUS MALL	JOHNSON ST	342	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
232+00JO	- 236+50JO	E CAMPUS MALL TO LAKE ST	JOHNSON ST	194	45	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
236+05JO	- 241+00JO	LAKE ST TO FRANCES ST	JOHNSON ST	141	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
241+00JO	- 247+50JO	FRANCES ST TO BASSETT ST	JOHNSON ST	129	222	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
247+50JO	- 254+00JO	BASSETT ST TO BROOM ST	JOHNSON ST	589	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
254+00JO	- 261+00JO	BROOM ST TO STATE ST	JOHNSON ST	583	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		WEST TO EAST		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
301+00ST	- 306+00ST	W GORHAM ST TO W JOHNSON ST	STATE ST	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
306+00ST	- 315+50ST	W JOHNSON ST TO W MIFFLIN ST/N CARROL ST	STATE ST	---	---	---	---	---	129	11	---	---	---	---	---	---	---	---	---	
400+00SQN	- 404+00SQN	STATE ST TO WISCONSIN AVE	MIFFLIN ST	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
404+00SQN	- 408+10SQN	WISCONSIN AVE TO N HAMILTON ST	MIFFLIN ST	---	---	---	---	---	---	14	---	---	---	---	---	---	---	---	---	
408+10SQN	- 412+10SQN	N HAMILTON ST TO E WASHINGTON AVE	PINCKNEY ST	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
412+10SQN	- 416+20SQN	E WASHINGTON AVE TO KING ST	PINCKNEY ST	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
500+SQS	- 504+00SQS	STATE ST TO W. WASHINGTON AVE	CARROLL ST	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
504+00SQS	- 508+10SQS	W WASHINGTON AVE TO S HAMILTON ST	CARROLL ST	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
508+10SQS	- 512+00SQS	S HAMILTON ST TO MARTIN LUTHER KING JR BLVD	W MAIN ST	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
512+00SQS	- 516+20SQS	MARTIN LUTHER KING JR BLVD TO KING ST	E MAIN ST	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
201+00WA	- 207+50WA	PINCKNEY ST TO BUTLER ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SHEET 1-4 SUBTOTALS:				5843	871	---	441	1113	8647	1735	98	67	1548	---						

60631225P	60631225C
CITY OF MADISON, DANE COUNTY, WI	
CONTRACT NO: 60631225C	
MISCELLANEOUS QUANTITIES	
BUS RAPID TRANSIT	
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60631225P	
MQ-PML11	

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PAVEMENT MARKING LINE (B) SHEET 5 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	646.7420 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	646.7405 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	646.7405 MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	SPV.0090.101 PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	SPV.0090.102 PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	SPV.0090.105 PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	SPV.0090.106 PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	646.8320 MARKING PARKING STALL EPOXY (WHITE)	SPV.0090.112 MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
SHEET 1-4 SUBTOTALS:					5843	871	---	441	1113	8647	1735	98	67	1548	---
207+50WA	-	210+50WA	BUTLER ST TO HANCOCK ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---
210+50WA	-	213+00WA	HANCOCK ST TO FRANKLIN ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---
213+00WA		216+50WA	FRANKLIN ST TO BLAIR ST	E WASHINGTON AVE	---	---	---	---	---	463	38	---	---	---	---
			BLAIR ST (NORTH & SOUTH)		---	---	---	---	---	710	79	---	---	---	---
216+50WA	-	223+00WA	BLAIR ST TO BLOUNT ST	E WASHINGTON AVE	1029	57	---	---	---	---	---	---	---	---	---
223+00WA	-	229+75WA	BLOUNT ST TO LIVINGSTON ST	E WASHINGTON AVE	753	221	---	---	---	247	56	---	---	---	---
			LIVINGSTON ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---
229+75WA	-	236+50WA	LIVINGSTON ST TO PATERSON ST	E WASHINGTON AVE	1176	62	---	---	---	705	102	---	---	---	---
			PATERSON ST (NORTH & SOUTH)		---	---	---	---	---	417	44	---	---	---	---
236+50WA	-	243+00WA	PATERSON ST TO BREARLY ST	E WASHINGTON AVE	891	134	---	---	---	978	55	---	---	---	---
			BREARLY ST (NORTH & SOUTH)		231	---	---	---	---	---	---	---	---	---	---
243+00WA	-	249+50WA	BREARLY ST TO INGERSOLL ST	E WASHINGTON AVE	873	150	---	---	---	468	---	---	---	---	---
249+50WA	-	256+00WA	INGERSOLL ST TO FEW ST	E WASHINGTON AVE	1053	78	---	---	---	335	---	---	---	---	---
			FEW ST (NORTH)		100	---	---	---	---	---	---	---	---	---	---
256+00WA	-	263+00WA	FEW ST TO BALDWIN ST	E WASHINGTON AVE	1147	---	---	---	---	788	47	---	---	---	---
			BALDWIN ST (NORTH & SOUTH)		---	---	---	---	---	417	38	---	---	---	---
263+00WA	-	269+50WA	BALDWIN ST TO DICKINSON ST	E WASHINGTON AVE	976	145	---	---	---	952	53	---	---	---	---
			DICKINSON ST (NORTH)		---	---	---	---	---	---	---	---	---	---	---
269+00WA	-	276+00WA	DICKINSON ST TO SPARKLE CT	E WASHINGTON AVE	1070	74	---	---	---	484	---	---	---	---	---
276+00WA	-	288+50WA	SPARKLE CT TO FIRST ST	E WASHINGTON AVE	2993	---	---	---	---	541	62	---	---	---	---
SHEET 1-5 SUBTOTALS:					18135	1790	---	441	1113	16153	2309	98	67	1548	---

Mark	REVISION	DATE
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60631225P	10/20/2022	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
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 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 MQ-PML12



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PAVEMENT MARKING LINE (B) SHEET 6 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-5 SUBTOTALS:					18135	1790	--	441	1113	16153	2309	98	67	1548	--
			FIRST ST (NORTH & SOUTH)		--	--	--	--	--	839	87	--	--	--	--
288+50WA	-	297+00WA	FIRST ST TO SECOND ST	E WASHINGTON AVE	1331	202	--	--	--	530	59	--	--	--	--
297+00WA	-	302+00WA	SECOND ST TO THIRD ST	E WASHINGTON AVE	799	173	--	--	--	--	--	--	--	--	--
			THIRD ST (NORTH)		93	--	--	--	--	--	--	--	--	--	--
302+00WA	-	308+50WA	THIRD ST TO FOURTH ST	E WASHINGTON AVE	1063	75	--	--	--	458	53	--	--	--	--
			FOURTH ST (NORTH & SOUTH)		--	--	--	--	--	350	--	--	--	--	--
308+50WA	-	314+00WA	FOURTH ST TO N FIFTH ST	E WASHINGTON AVE	1009	68	--	--	--	458	50	--	--	--	--
			N FIFTH ST (NORTH)		--	--	--	--	--	--	--	--	--	--	--
314+00WA	-	320+00WA	N FIFTH ST TO SIXTH ST	E WASHINGTON AVE	872	76	--	--	--	--	--	--	--	--	--
320+00WA	-	329+50WA	SIXTH ST TO NORTH ST/MILWAUKEE ST	E WASHINGTON AVE	1282	160	--	--	--	505	60	--	--	--	--
			NORTH ST (NORTH)		--	--	--	--	--	278	25	--	--	--	--
			MILWAUKEE ST (SOUTH)		--	--	--	--	--	355	35	--	--	--	--
329+50WA	-	339+00WA	NORTH ST/MILWAUKEE ST TO PAWLING ST	E WASHINGTON AVE	1532	149	--	--	--	474	53	--	--	--	--
339+00WA	-	343+00WA	PAWLING ST TO E JOHNSON ST	E WASHINGTON AVE	570	95	--	--	--	--	--	--	--	--	--
343+00WA	-	349+00WA	E JOHNSON ST TO N OAK ST	E WASHINGTON AVE	959	115	--	--	--	587	--	--	--	--	--
			N OAK ST (NORTH)		--	--	--	--	--	--	--	--	--	--	--
349+00WA	-	353+00WA	N OAK ST TO MARQUETTE ST	E WASHINGTON AVE	573	43	--	--	--	1133	49	--	--	--	--
			MARQUETTE ST (SOUTH)		--	--	--	--	--	232	16	--	--	--	--
353+00WA	-	364+00WA	MARQUETTE ST TO ABERG AVE SW RAMPS	E WASHINGTON AVE	1382	211	--	--	--	592	54	--	--	--	--
364+00WA	-	371+00WA	ABERG AVE SW RAMPS TO NE ABERG RAMPS	E WASHINGTON AVE	1380	114	--	--	--	--	--	--	--	--	--
SHEET 1-6 SUBTOTALS:					30980	3271	--	441	1113	22943	2850	98	67	1548	--

646.3545

646.7420

646.7405

SPV.0090.101

SPV.0090.102

SPV.0090.105

SPV.0090.106

646.8320

SPV.0090.112

MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)

MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)

MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)

MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)

MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)

PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18-INCH (WHITE)

PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)

PAVEMENT MARKING EPOXY DIAGONAL LINE 4-INCH (WHITE)


PAVEMENT MARKING EPOXY DIAGONAL LINE 8-INCH (WHITE)

MARKING PARKING STALL EPOXY (WHITE)

MARKING LINE SPECIAL EPOXY 8-INCH (18" LINE 17" GAP) (WHITE)

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



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PAVEMENT MARKING LINE (B) SHEET 7 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
					646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112			
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8- INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8- INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18-INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8-INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)	
SHEET 1-6 SUBTOTALS:					30980	3271	---	441	1113	22943	2850	98	67	1548	---	
371+00WA	-	377+00WA	NE ABERG RAMPS TO MELVIN CT	E WASHINGTON AVE	970	---	---	---	---	422	41	---	---	---	---	
			MELVIN CT (NORTH & SOUTH)		---	---	---	---	---	427	32	---	---	---	---	
377+00WA	-	398+00WA	MELVIN CT TO N FAIR OAKS AVE	E WASHINGTON AVE	2314	262	88	---	---	891	94	---	---	---	---	
			N FAIR OAKS AVE		---	---	---	---	---	566	38	---	---	---	---	
398+00WA	-	404+00WA	WRIGHT ST TO REINDAHL AVE	E WASHINGTON AVE	611	74	---	---	---	---	---	---	---	---	---	
10+00WR	-	13+00WR	E WASHINGTON AVE TO CARPENTER ST	WRIGHT ST	---	---	---	---	---	602	45	---	---	---	---	
13+00WR	-	36+00WR	CARPENTER ST TO ANDERSON ST	WRIGHT ST	---	---	---	---	---	---	---	---	---	---	---	
20+00AN	-	36+00AN	WRIGHT ST TO STOUGHTON RD	ANDERSON ST	---	---	---	---	---	36	36	---	---	---	---	
36+00AN	-	39+00AN	STOUGHTON RD TO LEIN RD	ANDERSON ST	---	---	---	109	---	---	---	---	---	---	---	
501+00ME	-	511+10ME	LEIN RD TO E WASHINGTON AVE	MENDOTA ST	---	---	---	---	---	468	32	---	---	---	---	
428+00WA	-	443+00WA	MENDOTA ST TO LEIN RD	E WASHINGTON AVE	---	88	---	---	---	891	99	---	---	---	---	
443+00WA	-	455+00WA	LEIN RD TO PORTAGE RD/THEIRER RD	E WASHINGTON AVE	---	---	---	---	---	556	57	---	---	---	---	
			PORTAGE RD/THEIRER RD (NORTH & SOUTH)		---	---	---	---	---	613	68	---	---	---	---	
455+00WA	-	470+00WA	PORTAGE RD/THEIRER RD TO CONTINENTAL LN/EAGAN RD	E WASHINGTON AVE	4244	204	---	---	---	600	61	---	---	---	23	
			CONTINENTAL LN/EAGAN RD		---	---	---	---	---	---	---	---	---	---	---	
470+00WA	-	478+00WA	CONTINENTAL LN/EAGAN RD TO INDEPENDENCE LN	E WASHINGTON AVE	2124	125	---	---	---	309	67	---	---	---	---	
			INDEPENDENCE LN		---	---	---	---	---	510	37	---	---	---	---	
478+00WA	-	487+50WA	INDEPENDENCE LN TO FRONTAGE RD/ZEIER RD	E WASHINGTON AVE	2413	150	---	---	---	355	62	---	---	---	---	
			FRONTAGE RD/ZEIER RD (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	
487+50WA	-	498+00WA	FRONTAGE RD/ZEIER RD TO EAST SPRINGS DR	E WASHINGTON AVE	2845	150	---	80	---	505	47	---	---	---	---	
SHEET 1-7 SUBTOTALS:					46501	4323	88	630	1113	30694	3666	98	67	1548	23	
PROJECT UNDISTRIBUTED					2325	216	4	32	56	1535	183	5	3	77	1	
TRAFFIC CONTROL UNDISTRIBUTED					---	---	---	---	---	---	247	---	---	---	---	
PROJECT TOTALS:					48826	4539	92	662	1169	32229	4097	103	70	1625	24	
					53458			662	1169	32229	4097	103	70	1625	24	

Mark	DESIGNED BY: AECOM	DATE	Scale: NTS
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PAVEMENT MARKING SPECIAL SHEET 1 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.5020	646.5120	646.5220	SPV.0060.101	646.5320	646.6220	646.8120	646.8220	SPV.0165.101	SPV.0165.102	SPV.0090.108
					MARKING ARROW EPOXY (WHITE)	MARKING WORD EPOXY (WHITE)	MARKING SYMBOL EPOXY (WHITE)	LANE DROP ARROW (WHITE)	MARKING RAILROAD CROSSING EPOXY (WHITE)	MARKING YIELD LINE EPOXY 18- INCH (WHITE)	MARKING CURB EPOXY (YELLOW)	MARKING ISLAND NOSE EPOXY (YELLOW)	METHYL METHACRYLATE (RED)	SKID/SLIP RESISTANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SKID/SLIP RESISTANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE
					EACH	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF
			WEST TERMINAL/JUNCTION ROAD	JUNCTION RD	15	9	6	---	---	---	10	2	1570	---	---
64+00MP	-	72+50MP	BELTLINE TO TREE LANE/BIG SKY DRIVE	MINERAL POINT RD	2	---	---	---	---	---	---	---	---	---	---
72+50MP	-	79+00MP	TREE LANE/BIG SKY DR TO HIGH POINT RD	MINERAL POINT RD	8	10	---	---	---	---	---	---	4948	---	---
			HIGH POINT RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
79+00MP	-	84+00MP	HIGH POINT RD TO WESTWARD WAY/GANSER WAY	MINERAL POINT RD	5	8	---	---	---	---	10	1	1134	---	---
84+00MP	-	92+00MP	WESTWARD WAY/GANSER WAY TO RANDOLPH/DONOFRIO DR	MINERAL POINT RD	8	10	---	---	---	---	---	---	5238	---	---
92+00MP	-	105+00MP	RANDOLPH/DONOFRIO DR TO WESTFIELD ROAD	MINERAL POINT RD	18	22	---	---	---	---	---	---	10851	---	---
			WESTFIELD ROAD (NORTH)		---	---	---	---	---	---	---	---	---	---	---
105+00MP	-	118+00MP	WESTFIELD ROAD TO GAMMON ROAD	MINERAL POINT RD	13	22	---	---	---	---	10	1	7460	---	---
			GAMMON ROAD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
118+00MP	-	133+50MP	GAMMON ROAD TO GRAND CANYON DR	MINERAL POINT RD	12	21	---	---	---	---	---	---	10237	---	---
			GRAND CANYON DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
133+50 MP	-	137+25MP	GRAND CANYON DR TO CORONADO CT	MINERAL POINT RD	2	7	---	---	---	---	10	1	462	---	---
137+25 MP	-	147+00MP	CORONADO CT TO YELLOWSTONE DR	MINERAL POINT RD	4	13	---	---	---	---	---	---	4464	---	---
			YELLOWSTONE DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
147+00MP	-	154+45MP	YELLOWSTONE DR TO NAUTILUS DR	MINERAL POINT RD	8	11	---	---	---	---	---	---	5490	---	---
154+45MP	-	161+50MP	NAUTILUS DR TO ISLAND DR	MINERAL POINT RD	6	11	---	---	---	---	10	1	2504	---	---
			ISLAND DR (NORTH)		---	---	---	---	---	---	---	---	---	---	---
161+50MP	-	183+25MP	ISLAND DR TO ROSA RD	MINERAL POINT RD	21	24	---	---	---	---	10	1	10459	---	---
			ROSA RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
SHEET 1 SUBTOTALS:					122	168	6	---	---	---	60	7	64815	---	---

Mark	REVISION	DATE
Designed By: AECOM 90631225P	Date: 10/20/2022	Scale: NTS

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

PAVEMENT MARKING SPECIAL SHEET 2 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.5020 MARKING ARROW EPOXY (WHITE)	646.5120 MARKING WORD EPOXY (WHITE)	646.5220 MARKING SYMBOL EPOXY (WHITE)	SPV.0060.101 LANE DROP ARROW (WHITE)	646.5320 MARKING RAILROAD CROSSING EPOXY (WHITE)	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE)	646.8120 MARKING CURB EPOXY (YELLOW)	646.8220 MARKING ISLAND NOSE EPOXY (YELLOW)	SPV.0165.101 METHYL METHACRYLATE (RED)	SPV.0165.102 SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SPV.0090.108 SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE
					EACH	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF
SHEET 1 SUBTOTAL:					122	168	6	--	--	--	60	7	64815	--	--
183+25MP	-	200+75MP	ROSA RD TO WHITNEY WAY	MINERAL POINT RD	8	14	--	--	--	--	10	1	3874	--	--
200+75MP	-	204+81MP	WHITNEY WAY TO SCIENCE DR	MINERAL POINT RD	--	--	--	--	--	--	--	--	--	--	--
28+00WW	-	42+00WW	MINERAL POINT RD TO SOUTH HILL DR	WHITNEY WAY	8	12	--	--	--	7	--	--	3846	--	--
42+00WW	-	52+50WW	SOUTH HILL DR TO MARATHON DR	WHITNEY WAY	4	11	--	--	--	7	--	--	4045	--	--
52+50WW	-	60+00WW	MARATHON DR TO REGENT STREET	WHITNEY WAY	5	6	--	--	--	--	10	1	484	--	--
			REGENT STREET (NORTH & SOUTH)		--	--	--	--	--	--	--	2	--	--	--
60+00WW	-	67+75WW	REGENT ST TO LANGLOIS ST	WHITNEY WAY	10	8	--	--	--	--	6	1	6042	--	--
67+75WW	-	75+65WW	LANGLOIS ST TO WYNWOOD WAY	WHITNEY WAY	1	4	--	--	--	--	--	--	1078	--	--
75+65WW	-	82+00WW	WYNWOOD WAY TO OLD MIDDLETON ROAD	WHITNEY WAY	--	2	--	--	--	--	--	2	594	--	--
2+00SH	-	11+50SH	WHITNEY WAY TO EAU CLAIRE AVE	SHEBOYGAN AVE	--	--	--	--	--	--	--	--	--	--	--
			EAU CLAIRE AVE (NORTH & SOUTH)		--	--	--	--	--	--	--	2	--	--	--
11+50SH	-	31+00SH	EAU CLAIRE AVE TO SEGOE ROAD	SHEBOYGAN AVE	2	4	1	--	--	--	20	2	1188	--	--
			SEGOE ROAD INTERSECTION		--	--	--	--	--	--	--	--	--	--	--
7+00SE	-	10+00SE	SAWYER RD TO SHEBOYGAN AVE	SEGOE ROAD	--	--	--	--	--	--	--	--	--	--	--
10+00SE	-	18+00SE	SHEBOYGAN AVE TO UNIVERSITY AVE	SEGOE ROAD	6	2	1	--	--	--	115	1	594	601	--
300+00UC	-	310+00UC	SEGOE RD TO MAPLE TERRACE/HILLDALE WAY	UNIVERSITY AVE	--	--	--	--	--	--	--	--	--	--	--
310+00UC	-	316+50UC	MAPLE TERRACE/HILLDALE WAY TO MIDVALE BLVD	UNIVERSITY AVE	2	3	--	--	--	--	10	1	--	268	107
316+50UC	-	335+00UC	MIDVALE BLVD TO SHOREWOOD BLVD/HILL ST	UNIVERSITY AVE	--	--	--	--	--	--	--	--	--	--	--
			SHOREWOOD BLVD (NORTH)		--	--	--	--	--	--	--	--	--	--	--
			HILL STREET (SOUTH)		--	--	--	--	--	--	--	--	--	--	--
SHEET 1-2 SUBTOTALS:					168	234	8	--	--	13	231	20	86559	869	107

Mark	REVISION	Scale: NTS
Designed By: AECOM	Date: 10/20/2022	BY
60631225P		

60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
BUS RAPID TRANSIT  
CITY OF MADISON



60631225P  
MQ-PM2S

PAVEMENT MARKING SPECIAL SHEET 3 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.5020 MARKING ARROW EPOXY (WHITE)	646.5120 MARKING WORD EPOXY (WHITE)	646.5220 MARKING SYMBOL EPOXY (WHITE)	SPV.0060.101 LANE DROP ARROW (WHITE)	646.5320 MARKING RAILROAD CROSSING EPOXY (WHITE)	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE)	646.8120 MARKING CURB EPOXY (YELLOW)	646.8220 MARKING ISLAND NOSE EPOXY (YELLOW)	SPV.0165.101 METHYL METHACRYLATE (RED)	SPV.0165.102 SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SPV.0090.108 SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE
					EACH	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF
SHEET 1-2 SUBTOTALS:					168	234	8	---	---	13	231	20	86559	869	107
335+00UC	-	363+00UC	SHOREWOOD BLVD/HILL ST TO UNIVERSITY BAY DR/FARLEY AVE	UNIVERSITY AVE	---	---	---	---	---	---	10	1	---	---	---
363+00UC	-	372+00UC	UNIVERSITY BAY DR TO CAMPUS DR	UNIVERSITY AVE	---	4	---	---	---	---	---	---	---	---	---
			UNIVERSITY AVE (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
372+00UC	-	406+00UC	UNIVERSITY DR TO PRINCETON AVE	CAMPUS DR	---	---	---	---	---	---	---	---	---	---	---
406+00UC	-	420+25UC	PRINCETON AVE TO UNIVERSITY AVE	CAMPUS DR	7	8	---	---	---	---	---	---	1520	---	---
797+00UN	-	802+85UN	CAMPUS DR TO BABCOCK DR	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---
802+85UN	-	808+00UN	BABCOCK DR TO RANDALL AVE	UNIVERSITY AVE	2	2	2	---	---	---	---	---	840	---	---
808+00UN	-	812+50UN	RANDALL AVE TO ORCHARD STREET	UNIVERSITY AVE	---	4	---	---	---	---	---	---	648	---	---
812+50UN	-	816+00UN	ORCHARD ST TO CHARTER ST	UNIVERSITY AVE	---	4	---	---	---	---	---	---	648	---	---
816+00UN	-	821+00UN	CHARTER ST TO MILLS ST	UNIVERSITY AVE	3	3	---	---	---	---	---	---	648	---	---
821+00UN	-	826+00UN	MILLS ST TO BROOKS ST	UNIVERSITY AVE	---	4	---	---	---	---	---	---	1296	---	---
826+00UN	-	831+00UN	BROOKS ST TO PARK ST	UNIVERSITY AVE	---	4	---	---	---	---	---	---	1296	---	---
831+00UN	-	835+00UN	PARK ST TO E CAMPUS MALL	UNIVERSITY AVE	3	2	---	---	---	---	---	---	---	---	---
835+00UN	-	839+00UN	E CAMPUS MALL TO LAKE ST	UNIVERSITY AVE	---	4	---	---	---	---	---	---	648	---	---
839+00UN	-	844+00UN	LAKE ST TO FRANCES ST/GILMAN ST	UNIVERSITY AVE	3	3	---	---	---	---	---	---	648	---	---
844+00UN	-	848+00UN	FRANCES ST/GILMAN ST TO BASSETT ST	UNIVERSITY AVE	3	3	---	---	---	---	---	---	648	---	---
200+00JO	-	205+00JO	UNIVERSITY AVE TO RANDALL AVE	CAMPUS DR	2	5	---	---	---	---	---	---	2948	---	---
205+00JO	-	210+00JO	RANDALL AVE TO ORCHARD STREET	CAMPUS DR	---	4	---	---	---	---	---	---	---	---	---
210+00JO	-	214+50JO	ORCHARD ST TO CHARTER ST	JOHNSON ST	3	3	---	---	---	---	---	---	594	---	---
214+50JO	-	219+00JO	CHARTER ST TO MILLS ST	JOHNSON ST	3	3	---	---	---	---	---	---	594	---	---
SHEET 1-3 SUBTOTALS:					197	294	10	---	---	13	241	21	99535	869	107

Mark	REVISION	Scale: NTS
Designed By: AECOM	Date: 10/20/2022	BY:
90631225P		

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
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 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-PM3S

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

PAVEMENT MARKING SPECIAL SHEET 4 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.5020 MARKING ARROW EPOXY (WHITE)	646.5120 MARKING WORD EPOXY (WHITE)	646.5220 MARKING SYMBOL EPOXY (WHITE)	SPV.0060.101 LANE DROP ARROW (WHITE)	646.5320 MARKING RAILROAD CROSSING EPOXY (WHITE)	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE)	646.8120 MARKING CURB EPOXY (YELLOW)	646.8220 MARKING ISLAND NOSE EPOXY (YELLOW)	SPV.0165.101 METHYL METHACRYLATE (RED)	SPV.0165.102 SKID/SLIP RESISITANT PERFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SPV.0090.108 SKID/SLIP RESISITANT PERFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE
					EACH	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF
SHEET 1-3 SUBTOTALS:					197	294	10	--	--	13	241	21	99535	869	107
219+00JO	-	223+00JO	MILLS ST TO BROOKS ST	JOHNSON ST	--	2	--	--	--	--	--	--	594	--	--
223+00JO	-	228+00JO	BROOKS ST TO PARK ST	JOHNSON ST	3	1	--	--	--	--	--	--	--	--	--
228+00JO	-	232+00JO	PARK ST TO E CAMPUS MALL	JOHNSON ST	--	4	--	--	--	--	--	--	1188	--	--
232+00JO	-	236+50JO	E CAMPUS MALL TO LAKE ST	JOHNSON ST	3	3	--	--	--	--	--	--	--	--	--
236+05JO	-	241+00JO	LAKE ST TO FRANCES ST	JOHNSON ST	3	3	--	--	--	--	--	--	594	--	--
241+00JO	-	247+50JO	FRANCES ST TO BASSETT ST	JOHNSON ST	3	3	--	--	--	--	--	--	594	--	--
247+50JO	-	254+00JO	BASSETT ST TO BROOM ST	JOHNSON ST	--	2	--	--	--	--	--	--	594	--	--
254+00JO	-	261+00JO	BROOM ST TO STATE ST	JOHNSON ST	--	2	--	--	--	--	--	--	--	--	--
301+00ST	-	306+00ST	W GORHAM ST TO W JOHNSON ST	STATE ST	--	--	--	--	--	--	--	--	--	--	--
306+00ST	-	315+50ST	W JOHNSON ST TO W MIFFLIN ST/N CARROL ST	STATE ST	--	--	--	--	--	--	--	--	--	--	--
400+00SQN	-	404+00SQN	STATE ST TO WISCONSIN AVE	MIFFLIN ST	--	4	2	--	--	--	--	--	1752	--	--
404+00SQN	-	408+10SQN	WISCONSIN AVE TO N HAMILTON ST	MIFFLIN ST	1	2	1	--	--	--	--	--	864	--	--
408+10SQN	-	412+10SQN	N HAMILTON ST TO E WASHINGTON AVE	PINCKNEY ST	1	4	2	--	--	--	--	--	1728	--	--
412+10SQN	-	416+20SQN	E WASHINGTON AVE TO KING ST	PINCKNEY ST	1	5	2	--	--	--	--	--	1728	--	--
500+SQS	-	504+00SQS	STATE ST TO W. WASHINGTON AVE	CARROLL ST	1	4	2	--	--	--	--	--	1728	--	--
504+00SQS	-	508+10SQS	W WASHINGTON AVE TO S HAMILTON ST	CARROLL ST	1	4	2	--	--	--	--	--	1728	--	--
508+10SQS	-	512+00SQS	S HAMILTON ST TO MARTIN LUTHER KING JR BLVD	W MAIN ST	--	2	1	--	--	--	--	--	864	--	--
512+00SQS	-	516+20SQS	MARTIN LUTHER KING JR BLVD TO KING ST	E MAIN ST	1	4	2	--	--	--	--	--	1728	--	--
201+00WA	-	207+50WA	PINCKNEY ST TO BUTLER ST	E WASHINGTON AVE	--	--	--	--	--	--	--	--	--	--	--
SHEET 1-4 SUBTOTALS:					215	343	24	--	--	13	241	21	115219	869	107

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 CITY OF MADISON

60631225P  
MQ-PM4S



PAVEMENT MARKING SPECIAL SHEET 5 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.5020 MARKING ARROW EPOXY (WHITE)	646.5120 MARKING WORD EPOXY (WHITE)	646.5220 MARKING SYMBOL EPOXY (WHITE)	SPV.0060.101 LANE DROP ARROW (WHITE)	646.5320 MARKING RAILROAD CROSSING EPOXY (WHITE)	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE)	646.8120 MARKING CURB EPOXY (YELLOW)	646.8220 MARKING ISLAND NOSE EPOXY (YELLOW)	SPV.0165.101 METHYL METHACRYLATE (RED)	SPV.0165.102 SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SPV.0090.108 SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE
					EACH	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF
SHEET 1-4 SUBTOTALS:					215	343	24	--	--	13	241	21	115219	869	107
207+50WA	-	210+50WA	BUTLER ST TO HANCOCK ST	E WASHINGTON AVE	--	2	--	--	--	--	--	--	540	--	--
210+50WA	-	213+00WA	HANCOCK ST TO FRANKLIN ST	E WASHINGTON AVE	2	4	--	--	--	--	--	--	1080	--	--
213+00WA		216+50WA	FRANKLIN ST TO BLAIR ST	E WASHINGTON AVE	--	8	--	--	--	--	10	1	--	--	--
			BLAIR ST (NORTH & SOUTH)		--	--	--	--	--	--	--	--	--	--	--
216+50WA	-	223+00WA	BLAIR ST TO BLOUNT ST	E WASHINGTON AVE	6	6	--	--	--	--	--	--	4400	--	--
223+00WA	-	229+75WA	BLOUNT ST TO LIVINGSTON ST	E WASHINGTON AVE	4	6	--	--	--	--	--	--	2893	--	--
			LIVINGSTON ST (NORTH & SOUTH)		--	--	--	--	--	--	--	--	--	--	--
229+75WA	-	236+50WA	LIVINGSTON ST TO PATERSON ST	E WASHINGTON AVE	4	9	--	--	--	--	10	1	3186	--	--
			PATERSON ST (NORTH & SOUTH)		--	--	--	--	--	--	--	--	--	--	--
236+50WA	-	243+00WA	PATERSON ST TO BREARLY ST	E WASHINGTON AVE	8	9	--	--	--	--	--	--	4584	--	--
			BREARLY ST (NORTH & SOUTH)		--	--	--	--	--	--	--	--	--	--	--
243+00WA	-	249+50WA	BREARLY ST TO INGERSOLL ST	E WASHINGTON AVE	7	10	--	--	--	--	--	--	3961	--	--
249+50WA	-	256+00WA	INGERSOLL ST TO FEW ST	E WASHINGTON AVE	4	9	--	--	--	--	--	--	3314	--	--
			FEW ST (NORTH)		--	--	--	--	--	--	--	--	--	--	--
256+00WA	-	263+00WA	FEW ST TO BALDWIN ST	E WASHINGTON AVE	--	8	--	--	--	--	10	1	1188	--	--
			BALDWIN ST (NORTH & SOUTH)		--	--	--	--	--	--	--	--	--	--	--
263+00WA	-	269+50WA	BALDWIN ST TO DICKINSON ST	E WASHINGTON AVE	8	8	--	--	4	--	--	--	3880	--	--
			DICKINSON ST (NORTH)		--	--	--	--	--	--	--	--	--	--	--
269+00WA	-	276+00WA	DICKINSON ST TO SPARKLE CT	E WASHINGTON AVE	4	7	--	--	4	--	--	--	2384	--	--
276+00WA	-	288+50WA	SPARKLE CT TO FIRST ST	E WASHINGTON AVE	6	18	--	--	8	--	10	1	3210	--	--
SHEET 1-5 SUBTOTALS:					268	447	24	--	16	13	281	25	149839	869	107

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 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-PM5S

PAVEMENT MARKING SPECIAL SHEET 6 OF 7

STATION	TO	STATION	LOCATION	ROADWAY	646.5020 MARKING ARROW EPOXY (WHITE)	646.5120 MARKING WORD EPOXY (WHITE)	646.5220 MARKING SYMBOL EPOXY (WHITE)	SPV.0060.101 LANE DROP ARROW (WHITE)	646.5320 MARKING RAILROAD CROSSING EPOXY (WHITE)	646.6220 MARKING YIELD LINE EPOXY 18-INCH (WHITE)	646.8120 MARKING CURB EPOXY (YELLOW)	646.8220 MARKING ISLAND NOSE EPOXY (YELLOW)	SPV.0165.101 METHYL METHACRYLATE (RED)	SPV.0165.102 SKID/SLIP RESISITANT PERFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SPV.0090.108 SKID/SLIP RESISITANT PERFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE
					EACH	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF
SHEET 1-5 SUBTOTALS:					268	447	24	---	16	13	281	25	149839	869	107
FIRST ST (NORTH & SOUTH)					---	---	---	---	---	---	---	---	---	---	---
288+50WA	-	297+00WA	FIRST ST TO SECOND ST	E WASHINGTON AVE	8	10	---	---	---	---	---	---	4826	---	---
297+00WA	-	302+00WA	SECOND ST TO THIRD ST	E WASHINGTON AVE	4	6	---	---	---	---	---	---	2768	---	---
THIRD ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
302+00WA	-	308+50WA	THIRD ST TO FOURTH ST	E WASHINGTON AVE	4	7	---	---	---	---	---	---	2516	---	---
FOURTH ST (NORTH & SOUTH)					---	---	---	---	---	---	---	---	---	---	---
308+50WA	-	314+00WA	FOURTH ST TO N FIFTH ST	E WASHINGTON AVE	3	9	---	---	---	---	20	1	2169	---	---
N FIFTH ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
314+00WA	-	320+00WA	N FIFTH ST TO SIXTH ST	E WASHINGTON AVE	4	5	---	---	---	---	---	---	1988	---	---
320+00WA	-	329+50WA	SIXTH ST TO NORTH ST/MILWAUKEE ST	E WASHINGTON AVE	8	10	---	---	---	---	10	1	2287	---	---
NORTH ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
MILWAUKEE ST (SOUTH)					---	---	---	---	---	---	---	---	---	160	64
329+50WA	-	339+00WA	NORTH ST/MILWAUKEE ST TO PAWLING ST	E WASHINGTON AVE	6	11	---	---	---	---	10	1	2574	---	---
339+00WA	-	343+00WA	PAWLING ST TO E JOHNSON ST	E WASHINGTON AVE	4	4	---	---	---	---	---	---	1178	---	---
343+00WA	-	349+00WA	E JOHNSON ST TO N OAK ST	E WASHINGTON AVE	8	8	2	---	---	---	---	---	2485	---	---
N OAK ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
349+00WA	-	353+00WA	N OAK ST TO MARQUETTE ST	E WASHINGTON AVE	2	6	---	---	---	---	11	1	1355	---	---
MARQUETTE ST (SOUTH)					---	---	---	---	---	---	---	---	---	---	---
353+00WA	-	364+00WA	MARQUETTE ST TO ABERG AVE SW RAMPS	E WASHINGTON AVE	4	7	---	2	---	---	---	---	2035	---	---
364+00WA	-	371+00WA	ABERG AVE SW RAMPS TO NE ABERG RAMPS	E WASHINGTON AVE	4	12	---	---	---	---	---	---	---	---	---
SHEET 1-6 SUBTOTALS:					327	542	26	2	16	13	332	29	176020	1029	171

Mark	REVISION	Scale: NTS
Designed By: AECOM 90631225P	Date: 10/20/2022	BY
		DATE

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
MQ-PM6S





PAVEMENT MARKING SPECIAL SHEET 7 OF 7

		646.5020	646.5120	646.5220	SPV.0060.101	646.5320	646.6220	646.8120	646.8220	SPV.0165.101	SPV.0165.102	SPV.0090.108			
		MARKING ARROW EPOXY (WHITE)	MARKING WORD EPOXY (WHITE)	MARKING SYMBOL EPOXY (WHITE)	LANE DROP ARROW (WHITE)	MARKING RAILROAD CROSSING EPOXY (WHITE)	MARKING YIELD LINE EPOXY 18-INCH (WHITE)	MARKING CURB EPOXY (YELLOW)	MARKING ISLAND NOSE EPOXY (YELLOW)	METHYL METHACRYLATE (RED)	SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE			
STATION	TO	STATION	LOCATION	ROADWAY	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF	
SHEET 1-6 SUBTOTALS:					327	542	26	2	16	13	332	29	176020	1029	171
371+00WA	-	377+00WA	NE ABERG RAMPS TO MELVIN CT	E WASHINGTON AVE	---	8	---	---	---	11	1	---	---	---	
			MELVIN CT (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	
377+00WA	-	398+00WA	MELVIN CT TO N FAIR OAKS AVE	E WASHINGTON AVE	9	19	---	---	---	10	1	---	---	---	
			N FAIR OAKS AVE		---	---	---	---	---	---	---	---	---	---	
398+00WA	-	404+00WA	WRIGHT ST TO REINDAHL AVE	E WASHINGTON AVE	---	4	---	---	---	---	---	---	---	---	
10+00WR	-	13+00WR	E WASHINGTON AVE TO CARPENTER ST	WRIGHT ST	---	---	---	---	---	---	---	---	---	---	
13+00WR	-	36+00WR	CARPENTER ST TO ANDERSON ST	WRIGHT ST	---	---	---	---	---	---	---	---	---	---	
20+00AN	-	36+00AN	WRIGHT ST TO STOUGHTON RD	ANDERSON ST	9	---	1	---	---	---	---	---	680	---	
36+00AN	-	39+00AN	STOUGHTON RD TO LEIN RD	ANDERSON ST	---	---	---	---	---	---	---	929	---	---	
501+00ME	-	511+10ME	LEIN RD TO E WASHINGTON AVE	MENDOTA ST	---	---	---	---	---	---	---	---	190	76	
428+00WA	-	443+00WA	MENDOTA ST TO LEIN RD	E WASHINGTON AVE	1	---	1	---	---	---	---	---	1067	---	
443+00WA	-	455+00WA	LEIN RD TO PORTAGE RD/THEIRER RD	E WASHINGTON AVE	3	3	1	---	---	---	---	---	---	---	
			PORTAGE RD/THEIRER RD (NORTH & SOUTH)		---	---	---	---	---	---	---	---	219	88	
455+00WA	-	470+00WA	PORTAGE RD/THEIRER RD TO CONTINENTAL LN/EAGAN RD	E WASHINGTON AVE	7	12	1	---	---	---	---	2046	1811	42	
			CONTINENTAL LN/EAGAN RD		---	---	---	---	---	---	---	---	265	106	
470+00WA	-	478+00WA	CONTINENTAL LN/EAGAN RD TO INDEPENDENCE LN	E WASHINGTON AVE	5	10	1	---	---	---	---	1562	571	---	
			INDEPENDENCE LN		---	---	---	---	---	---	---	---	199	80	
478+00WA	-	487+50WA	INDEPENDENCE LN TO FRONTAGE RD/ZEIER RD	E WASHINGTON AVE	5	10	1	---	---	---	---	1562	619	---	
			FRONTAGE RD/ZEIER RD (NORTH & SOUTH)		---	---	---	---	---	---	---	---	318	127	
487+50WA	-	498+00WA	FRONTAGE RD/ZEIER RD TO EAST SPRINGS DR	E WASHINGTON AVE	7	11	1	---	---	---	---	1562	1512	---	
SHEET 1-7 SUBTOTALS:					373	619	33	2	16	13	353	31	183681	8479	689
PROJECT UNDISTRIBUTED					19	31	2	0	1	1	18	2	9184	424	34
TRAFFIC CONTROL UNDISTRIBUTED					18	8	4	---	---	---	---	---	---	---	---
PROJECT TOTALS:					410	658	38	2	17	14	371	33	192865	8903	724

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	Scale: NTS	
60631225P	10/20/2022		

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-PM7S

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**SIGNING REMOVALS SHEET 1 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
1WR-01	R4-7	---	1	1	---	---	---	KEEP RIGHT
1WR-02	R4-7	---	---	---	---	---	1WR-01	KEEP RIGHT
1WR-03	R6-2L	---	1	1	---	---	---	ONE WAY LEFT ARROW
1WM-01	R7-1D	1	---	---	---	1	---	NO PARKING ANY TIME (DOUBLE ARROW)
1WR-04	D1-63	---	1	2	---	---	---	ADVANCED CROSSROAD NAME SIGN (NEXT INTERSECTION)
1WM-02	R7-1D	1	---	---	---	1	---	NO PARKING ANY TIME (DOUBLE ARROW)
3WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
3WR-02	R3-5R	---	1	---	1	---	3WM-01	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
3WM-01	R7-66	1	---	---	---	---	3WR-02	MUNICIPAL PARKING REGULATIONS...
3WR-03	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
3WR-04	R2-1	---	1	1	---	---	---	SPEED LIMIT 35 MPH
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
3WR-05	RESTRICTED RIGHT LANE	---	---	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
3WR-06	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
4WR-01	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
4WR-02	R2-1	---	1	---	---	---	---	SPEED LIMIT 35 MPH
4WM-01	D1-1	1	---	---	---	2	---	ONE DESTINATION (ARROW)
4WR-03	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
4WR-04	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
4WR-05	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
4WR-06	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
5WR-01	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
5WR-02	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
5WR-03	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
5WR-04	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
5WR-05	W12-1D	---	1	---	---	---	---	DOUBLE DOWN ARROW
5WR-06	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
SHEET 1 SUBTOTALS:		4	24	14	1	4		

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

60631225P  
 MISCELLANEOUS QUANTITIES  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C  
 CITY OF MADISON



60631225P  
 MQ-SR1

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**SIGNING REMOVALS SHEET 2 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	REMOVING SMALL SIGN SUPPORTS EACH		
SHEET 1 SUBTOTALS:		4	24	14	1	4	---	
6WR-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 35 MPH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
6WR-02	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
6WR-03	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
6WR-04	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
7WR-01	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
8WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
8WR-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
8WR-03	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
8WM-01	D3-1	1	---	---	---	---	---	GRAND CANYON DR & MINERAL POINT RD
8WR-04	R7-1D	---	1	1	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
9WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
9WR-02	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
9WR-03	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
9WR-04	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
10WR-01	R2-1	---	1	---	---	---	---	SPEED LIMIT 35 MPH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
10WR-02	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
10WR-03	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
10WR-04	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
SHEET 2 SUBTOTALS:		5	53	30	1	4		

Mark	REVISION	DATE	BY
Designed By: AECOM 9/6/2022		10/20/2022	
Scale: NTS			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**CITY OF MADISON, DANE COUNTY, WI**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
**CONTRACT NO: 60631225C**



**60631225P**  
**MQ-SR2**

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**SIGNING REMOVALS SHEET 3 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 2 SUBTOTALS:		5	53	30	1	4		
11WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
11WR-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
12WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
12WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET S ROSA RD OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
13WR-01	RESTRICTED LANE DIAMOND	---	1	---	---	---	---	RESTRICTED LANE DIAMOND ENDS
13WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
13WM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
13WR-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
13WR-03	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
13WM-03	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET S WHITNEY WAY OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
13WR-04	RESTRICTED RT LANE DIAMOND	---	1	---	---	---	---	RESTRICTED RIGHT LANE DIAMOND BUSES BIKES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
13WR-05	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
13WR-06	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
13WR-07	RESTRICTED RT LANE DIAMOND	---	1	---	---	---	---	RESTRICTED RIGHT LANE DIAMOND BUSES BIKES AND RIGHT TURNS ONLY
15WM-01	D1-1	1	---	---	---	2	---	ONE DESTINATION (ARROW)
15WR-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 25 MPH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
15WR-02	R2-1	---	1	1	---	---	---	SPEED LIMIT 25 MPH
15WR-03	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
15WM-04	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET REGENT STREET OH
15WM-03	D3-1	1	---	---	---	---	---	REGENT STREET & S WHITNEY WAY SMALL ST SIGNS
15WR-04	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
15WM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET REGENT STREET OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
17WM-01	D3-1	1	---	---	---	1	---	SHEBOYGAN AVE & N WHITNEY WAY SMALL ST SIGNS
17WR-01	W11-2	---	1	1	---	---	---	PEDESTRIAN CROSSING SYMBOL
SHEET 3 SUBTOTALS:		14	74	38	1	7		

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P		10/20/2022	
Scale: NTS			

**60631225P**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**

**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**



**60631225P**  
**MQ-SR3**

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**SIGNING REMOVALS SHEET 4 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 3 SUBTOTALS:		14	74	38	1	7	---	
17WR-01	W16-7L	---	---	---	---	---	12WR-01	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
17WR-02	W11-2	---	1	1	---	---	---	PEDESTRIAN CROSSING SYMBOL
17WR-02	W16-7R	---	---	---	---	---	17WR-02	RIGHT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
17WR-03	W11-2	---	---	---	---	---	17WR-02	PEDESTRIAN CROSSING SYMBOL
17WR-03	W16-7R	---	---	---	---	---	17WR-02	RIGHT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
17WR-04	W11-2	---	1	1	---	---	---	PEDESTRIAN CROSSING SYMBOL
17WR-04	W16-7L	---	---	---	---	---	17WR-04	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
17WR-05	R1-1	---	1	1	---	---	---	STOP SIGN
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
19WR-01	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM TO 6PM
19WR-02	R7-51L	---	1	1	---	---	---	NO PARKING HERE TO CORNER (LEFT ARROW)
19WR-03	R7-5R	---	---	---	---	---	19WR-02	2 HOUR PARKING 8AM TO 6PM
19WM-01	R7-1R	1	---	---	---	1	---	NO PARKING ANY TIME (RIGHT ARROW)
19WM-02	D3-1	2	---	---	---	1	---	N SEGOE RD & SHEBOYGAN AVE SMALL ST SIGNS
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
19WR-04	R1-1	---	1	---	---	---	---	STOP SIGN
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
20WR-01	R3-7R	---	1	1	---	---	---	RIGHT LANE MUST TURN RIGHT
21WM-01	R2-1	1	---	---	---	---	---	SPEED LIMIT 35 MPH
21WM-06	R2-1	1	---	---	---	1	---	SPEED LIMIT 35 MPH
21WR-01	W12-1D	---	1	1	---	---	---	DOUBLE DOWN ARROW
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
SHEET 4 SUBTOTALS:		19	94	53	1	10		

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-SR4

**SIGNING REMOVALS SHEET 5 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH	
SHEET 4 SUBTOTALS:		19	94	53	1	10	
21WM-02	M1-94H	1	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW N MIDVALE BLVD
21WR-02	R3-4	---	1	---	---	---	NO U TURN SYMBOL
21WR-03	R4-7	1	---	---	---	---	KEEP RIGHT
21WR-03	R4-7	1	---	---	---	---	KEEP RIGHT
21WR-03	R4-7	1	---	---	---	---	KEEP RIGHT
21WM-03	D3-1	2	---	---	---	---	N MIDVALE BLVD & UNIVERSITY AVE
21WM-04	NO STOP/STAND/PARK	1	---	---	---	---	NO STOP/STAND/PARK
21WM-05	M1-94H	1	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET N MIDVALE BLVD RT ARROW
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
24WR-01	R1-1F	---	1	---	---	---	STOP SIGN (FOLDING)
24WR-01	R1-1F	---	1	---	---	---	STOP SIGN (FOLDING)
24WR-02	R5-1	---	1	---	---	---	DO NOT ENTER
25WR-01	R3-4	---	1	---	---	---	NO U TURN SYMBOL
25WM-01	D3-1	1	---	---	---	1	FARLEY AVE & UNIVERSITY AVE
25WR-02	R4-7	---	1	1	---	---	KEEP RIGHT
SHEET 5 SUBTOTALS:		28	109	56	1	11	

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-SR5

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:



**SIGNING REMOVALS SHEET 6 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	REMOVING SMALL SIGN SUPPORTS EACH	
SHEET 5 SUBTOTALS:		28	109	56	1	11	
25WM-02	M1-94H	1	---	---	---	1	CROSS ROAD NAME FOR OVERHEAD STREET
25WM-03	M1-94H	---	---	---	---	---	25WM-02 CROSS ROAD NAME FOR OVERHEAD STREET
25WR-03	R3-17(MOD)	---	1	1	---	---	BIKE LANE AHEAD W/ BIKE RIDER SYMBOL
25WR-04	R3-17(MOD)	---	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
25WR-05	R1-1F	---	1	---	---	---	STOP SIGN (FOLDING)
25WR-06	R5-1A	---	1	---	---	---	WRONG WAY
25WM-05	NO STOP/STAND/PARK	1	---	---	---	---	NO STOP/STAND/PARK
25WR-07	R3-20L	---	1	1	---	---	BEGIN LEFT TURN LANE WITH DOWN RIGHT ARROW
25WR-08	R3-8	---	1	---	---	---	VARIOUS ONLYS
25WR-09	R7-2R	---	1	1	---	---	NO PARKING TIME TO TIME (RIGHT ARROW)
25WM-07	NO STOP/STAND/PARK	1	---	---	---	---	NO STOP/STAND/PARK
28WR-01	R2-1	---	1	1	---	---	SPEED LIMIT 30 MPH
28WM-01	NO STOP/STAND/PARK	---	1	---	---	---	NO STOP/STAND/PARK
29WM-01	NO STOP/STAND/PARK	---	1	---	---	---	NO STOP/STAND/PARK
29WR-02	RESTRICTED LANE DIAMOND	---	1	---	---	---	RESTRICTED LANE ENDS
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
30WR-01	R2-1	---	1	1	---	---	SPEED LIMIT 25 MPH
30WR-02	R2-1	---	1	---	---	---	SPEED LIMIT 25 MPH
30WR-03	R1-5R	---	1	1	---	---	YIELD HERE (RIGHT ARROW) TO (PED SYMBOL)
30WR-03	R1-5L	---	1	1	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
30WR-03	R7-1D	---	1	1	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
31WR-01	RESTRICTED CURB LANE	---	1	1	---	---	RESTRICTED CURB LANE BUSES AND BICYCLES ONLY
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	METRO ROUTE INFORMATION
32WR-01	R5-1	---	1	1	---	---	DO NOT ENTER
32WR-02	R1-1	---	---	---	---	---	32WR-01 STOP SIGN
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
SHEET 6 SUBTOTALS:		31	133	71	1	12	

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-SR6

**SIGNING REMOVALS SHEET 7 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 6 SUBTOTALS:		31	133	71	1	12		
32WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET EAST CAMPUS MALL OH
32WR-03	R7-1D	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
32WM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET EAST CAMPUS MALL OH
32WM-03	D3-1	2	---	---	---	---	---	EAST CAMPUS MALL & W JOHNSON ST SMALL ST SIGNS
32WR-04	R7-1D	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
33WR-01	R3-5R	---	1	---	1	---	33WR-03	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
33WR-02	R3-7R	---	1	1	---	---	---	RIGHT LANE MUST TURN RIGHT
33WR-03	R7-1D	---	1	---	---	---	33WR-01	NO PARKING ANY TIME (DOUBLE ARROW)
33WR-04	W4-2R	---	1	---	---	---	---	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
33WR-04	EXCEPT WEEKENDS	---	---	---	---	---	33WR-04	EXCEPT WEEKENDS
33WR-05	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
34WR-01	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
34WR-01	NO STOP/STAND/PARK	---	---	---	---	---	34WR-04	NO STOP/STAND/PARK
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
2ER-01	R7-1D	---	1	1	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
2EM-01	R7-1D	1	---	---	---	1	---	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
3EM-01	D1-1	1	---	---	---	2	---	ONE DESTINATION (ARROW)
3EM-02	D3-1	2	---	---	---	1	---	FRANKLIN ST & E WASHINGTON AVE SMALL ST SIGNS
3ER-01	R3-2	---	1	---	---	---	3EM-02	NO LEFT TURN SYMBOL
3ER-02	R6-1L	---	1	---	---	---	3EM-02	ONE WAY LEFT ARROW (ROUNDBABOUTS)
4ER-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 25 MPH
SHEET 7 SUBTOTALS:		39	155	78	2	16		

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



**60631225P**  
**MQ-SR7**

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 10/20/2022

**SIGNING REMOVALS SHEET 8 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	REMOVING SMALL SIGN SUPPORTS EACH		
SHEET 7 SUBTOTAL:		39	155	78	2	16		
4ER-02	J3-1	---	1	1	---	---	---	DIRECTIONAL ASSEMBLY (1 HEAD PANEL)
4ER-03	R3-4	---	1	---	---	---	4ER-05	NO U TURN SYMBOL
4ER-04	R6-2L	---	1	---	---	---	---	ONE WAY LEFT ARROW
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
4ER-05	R3-18	---	1	---	---	---	4ER-03	NO LEFT / U-TURN SYMBOL
4EM-01	D3-1	2	---	---	---	---	---	BLAIR ST / E WASHINGTON AVE SMALL ST SIGNS
4EM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW USH 151/S BLAIR ST OH
4ER-06	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
4ER-07	R10-10L	---	1	---	---	---	---	LEFT TURN SIGNAL
4ER-08	R4-7	---	1	1	---	---	---	KEEP RIGHT
4ER-09	W12-1D	---	1	1	---	---	---	DOUBLE DOWN ARROW
4ER-10	R10-11B	---	1	---	---	---	---	NO TURN ON RED
4ER-12	R3-53L	---	1	---	---	---	---	LEFT TURN ONLY
4ER-11	R3-18	---	1	---	---	---	---	NO LEFT / U-TURN SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
4ER-13	R10-10L	---	1	---	---	---	---	LEFT TURN SIGNAL
4EM-04	D1-70	1	---	---	---	---	---	ENTRANCE DIRECTION SIGN (ONE ARROW)
4EM-03	D1-70	1	---	---	---	---	---	ENTRANCE DIRECTION SIGN (ONE ARROW)
4ER-14	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
4ER-14	NO STOP/STAND/PARK	---	---	---	---	---	4ER-14	NO STOP/STAND/PARK
4ER-15	R7-5L	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
4ER-15	NO STOP/STAND/PARK	---	---	---	---	---	4ER-15	NO STOP/STAND/PARK
4ER-16	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
4ER-16	NO STOP/STAND/PARK	---	---	---	---	---	4ER-16	NO STOP/STAND/PARK
4ER-17	R7-7L	---	---	---	---	---	---	NO PARKING BUS STOP (LEFT ARROW)
5ER-01	R7-7L	---	1	1	---	---	---	NO PARKING BUS STOP (LEFT ARROW)
5ER-02	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-02	NO STOP/STAND/PARK	---	---	---	---	---	5ER-02	NO STOP/STAND/PARK
5ER-03	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-03	NO STOP/STAND/PARK	---	---	---	---	---	5ER-03	NO STOP/STAND/PARK
SHEET 8 SUBTOTAL:		44	175	88	2	16		

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/20/2022	Scale: NTS
60631225P			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



**60631225P**  
**MQ-SR8**

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 FILE NAME:

**SIGNING REMOVALS SHEET 9 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 8 SUBTOTALS:		44	175	88	2	16		
5ER-04	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-04	NO STOP/STAND/PARK	---	---	---	---	---	5ER-04	NO STOP/STAND/PARK
5ER-05	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-05	NO STOP/STAND/PARK	---	---	---	---	---	5ER-05	NO STOP/STAND/PARK
5ER-06	R7-5R	---	1	1	---	---	---	1 HOUR PARKING 8AM-6PM
5ER-07	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-07	NO STOP/STAND/PARK	---	---	---	---	---	5ER-07	NO STOP/STAND/PARK
5ER-08	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-08	NO STOP/STAND/PARK	---	---	---	---	---	5ER-08	NO STOP/STAND/PARK
5EM-02	D3-1	---	---	---	---	---	5ER-09	E WASHINGTON AVE SMALL ST SIGN
5ER-09	R4-7	---	1	---	---	---	5EM-02	KEEP RIGHT
5ER-09	R4-7	---	1	---	---	---	---	KEEP RIGHT
5ER-10	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-10	NO STOP/STAND/PARK	---	---	---	---	---	5ER-10	NO STOP/STAND/PARK
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
5EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET PATERSON ST OH
5ER-11	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
5ER-12	R7-7L	---	1	---	---	---	---	NO PARKING BUS STOP (LEFT ARROW)
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
5ER-13	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
5ER-14	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
5ER-15	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
5ER-16	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
5ER-17	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
5ER-18	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
6ER-01	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
6ER-01	NO STOP/STAND/PARK	---	---	---	---	---	6ER-01	NO STOP/STAND/PARK
6ER-02	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
6ER-02	NO STOP/STAND/PARK	---	---	---	---	---	6ER-02	NO STOP/STAND/PARK
6ER-03	R7-7R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
SHEET 9 SUBTOTALS:		45	196	99	2	16		

Mark	REVISION	DATE	BY
Designed By: AECOM 60631225P		10/20/2022	
Scale: NTS			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-SR9

**SIGNING REMOVALS SHEET 10 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 9 SUBTOTALS:		45	196	99	2	16		
BUS 6ER-04	METRO SIGN R7-7L	---	1	1	---	---	---	METRO ROUTE INFORMATION NO PARKING BUS STOP (LEFT ARROW)
BUS 6ER-05	METRO SIGN NO STOP/STAND/PARK	---	1	1	---	---	---	METRO ROUTE INFORMATION NO STOP/STAND/PARK
BUS 6ER-06	METRO SIGN R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
BUS 6ER-06	NO STOP/STAND/PARK	---	---	---	---	---	6ER-06	NO STOP/STAND/PARK
BUS 6ER-07	NO STOP/STAND/PARK R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
BUS 6ER-07	NO STOP/STAND/PARK	---	---	---	---	---	6ER-07	NO STOP/STAND/PARK
BUS 6ER-08	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
BUS 7ER-01	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
BUS 7ER-02	NO STOP/STAND/PARK R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
BUS 7ER-02	NO STOP/STAND/PARK	---	---	---	---	---	7ER-02	NO STOP/STAND/PARK
BUS 7ER-03	NO STOP/STAND/PARK R7-5L	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
BUS 7ER-03	NO STOP/STAND/PARK	---	---	---	---	---	7ER-03	NO STOP/STAND/PARK
BUS 7EM-03	D1-1	1	---	2	---	---	---	ONE DESTINATION (ARROW) BALDWIN ST
BUS 7ER-04	NO STOP/STAND/PARK R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
BUS 7ER-04	NO STOP/STAND/PARK	---	---	---	---	---	7ER-04	NO STOP/STAND/PARK
BUS 7ER-05	NO STOP/STAND/PARK R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
BUS 7ER-05	NO STOP/STAND/PARK	---	---	---	---	---	7ER-05	NO STOP/STAND/PARK
BUS 7EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET BALDWIN ST OH
BUS 7ER-06	R4-7	---	1	---	---	---	---	KEEP RIGHT
BUS 7EM-02	D3-1	2	---	---	---	---	---	BALWIN ST & E WASHINGTON AVE SMALL ST SIGNS
BUS 7ER-07	R4-7	---	1	---	---	---	---	KEEP RIGHT
BUS 7ER-08	NO STOP/STAND/PARK METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS 7ER-09	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
BUS 7ER-10	NO STOP/STAND/PARK R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
BUS 7ER-10	NO STOP/STAND/PARK	---	---	---	---	---	7ER-10	NO STOP/STAND/PARK
BUS 8ER-01	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
SHEET 10 SUBTOTALS:		49	216	107	2	16		

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-SR10

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 10/20/2022

**SIGNING REMOVALS SHEET 11 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 10 SUBTOTALS:		49	216	107	2	16		
8ER-01	NO STOP/STAND/PARK	---	---	---	---	---	8ER-01	NO STOP/STAND/PARK
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
8ER-02	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
8ER-03	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
8ER-04	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
8ER-04	R7-5L	---	---	---	---	---	8ER-04	30 MINUTE PARKING 8AM-6PM
8ER-05	R7-5R	---	1	---	---	---	---	30 MINUTE PARKING 8AM-6PM
8ER-05	R7-1L	---	---	---	---	---	8ER-05	NO PARKING ANY TIME (LEFT ARROW)
8ER-06	R3-55A	---	1	1	---	---	---	STRAIGHT AHEAD LANE W/ RIGHT DOWN ARROW
8ER-07	R3-5L	---	1	---	1	---	8ER-08	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
8ER-08	R3-5L	---	---	---	---	---	8ER-07	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
9EM-01	W10-1	1	---	---	---	---	9EM-05	RAILROAD CROSSING
9EM-05	W10-9P	1	---	---	---	---	9EM-01	NO TRAIN HORN
9EM-02	W10-1	1	---	---	---	---	9EM-06	RAILROAD CROSSING
9EM-06	W10-9P	1	---	---	---	---	9EM-02	NO TRAIN HORN
9ER-01	R3-4	1	---	---	---	---	9ER-02	NO U TURN SYMBOL
9ER-02	R4-7	---	---	---	---	---	9ER-01	KEEP RIGHT
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
9ER-03	R3-4	1	---	---	---	---	9ER-04	NO U TURN SYMBOL
9ER-04	R4-7	---	---	---	---	---	9ER-03	KEEP RIGHT
9EM-03	D3-1	2	---	---	---	---	---	S FIRST ST & E WASHINGTON AVE SMALL ST SIGNS
9EM-04	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET S FIRST ST OH
9ER-05	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
10ER-01	R7-51L	---	1	---	---	---	---	30 MINUTE PARKING 8AM-6PM
10ER-02	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
10ER-03	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
SHEET 11 SUBTOTALS:		58	232	116	3	16		

Mark	REVISION	DATE	BY
Designed By: AECOM 90631225P	Date: 10/20/2022	Scale: NTS	

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



**60631225P**  
**MQ-SR11**

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 LAST PLOT DATE: 10/20/2022



**SIGNING REMOVALS SHEET 12 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	REMOVING SMALL SIGN SUPPORTS EACH		
SHEET 11 SUBTOTALS:		58	232	116	3	16		
10ER-04	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
10ER-05	R4-7	---	1	---	---	---	---	KEEP RIGHT
10EM-01	D3-1	2	---	---	---	---	---	FOURTH ST & E WASHINGTON AVE SMALL ST SIGNS
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
10ER-07	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
10ER-06	R4-7	---	1	---	---	---	---	KEEP RIGHT
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
10ER-08	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
10ER-09	RESTRICTED RIGHT LANE	---	1	---	---	---	BUS	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	10ER-09	METRO ROUTE INFORMATION
10ER-10	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-01	R7-5R	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-02	R7-5L	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-03	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-04	R7-5R	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-05	R7-5L	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
12EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET NORTH ST RT ARROW OH
12EM-04	D3-1	1	---	---	---	---	12EM-05/06	NORTH ST SMALL ST SIGN
12EM-05	D3-1	---	---	---	---	---	12EM-04/06	MILWAUKEE ST SMALL ST SIGN
12EM-06	D3-1	---	---	---	---	---	12EM-04/05	E WASHINGTON AVE SMALL ST SIGN
12ER-01	R3-4	---	1	---	---	---	12ER-02	NO U TURN SYMBOL
12ER-02	R4-7	---	---	---	---	---	12ER-01	KEEP RIGHT
12EM-02	M1-94H	1	---	---	---	---	12EM-03	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW MILWAUKEE ST OH
12EM-03	M1-94H	---	---	---	---	---	12EM-02	CROSS ROAD NAME FOR OVERHEAD STREETLT ARROW NORTH ST OH
12EM-07	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREETMILWAUKEE ST RT ARROW OH
12ER-03	R3-4	---	1	---	---	---	12ER-04	NO U TURN SYMBOL
12ER-04	R4-7	---	---	---	---	---	12ER-03	KEEP RIGHT
SHEET 12 SUBTOTALS:		64	252	120	3	16		

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-SR12

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 LAST PLOT DATE: 10/20/2022

**SIGNING REMOVALS SHEET 13 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	REMOVING SMALL SIGN SUPPORTS EACH		
SHEET 12 SUBTOTALS:		64	252	120	3	16		
12ER-05	R7-1D	---	1	1	---	---	BUS	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	---	---	---	12ER-05	METRO ROUTE INFORMATION
12ER-06	R7-6D	---	1	1	---	---	BUS	FREIGHT LOADING ZONE 8AM-6PM
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
13EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MARQUETTE ST OH
13ER-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 30 MPH
13ER-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
13EM -02	D3-1	1	---	---	---	---	---	E WASHINGTON AVE SMALL ST SIGN
13ER-03	R3-4	---	1	---	---	---	13ER-04	NO U TURN SYMBOL
13ER-04	R4-7	---	---	---	---	---	13ER-03	KEEP RIGHT
13EM-03	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREETMARQUETTE ST OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
15EM-05	D1-1	1	---	---	---	2	15EM-06	ONE DESTINATION (ARROW) LT ARROW MELVIN CT (CAPITOL SYM)
15EM-06	D1-1	1	---	---	---	---	15EM-05	ONE DESTINATION (ARROW) RETHKE AVE RT ARROW
15ER-09	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
15ER-10	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
15ER-13	R4-7	---	1	1	---	---	---	KEEP RIGHT
15ER-11	W11-2	---	1	---	---	---	15ER-12	PEDESTRIAN CROSSING SYMBOL
15ER-11	W16-7R	---	---	---	---	---	---	RIGHT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-12	W11-2	---	---	---	---	---	15ER-11	PEDESTRIAN CROSSING SYMBOL
15ER-12	W16-7R	---	---	---	---	---	---	RIGHT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15EM-01	D1-1	---	1	2	---	---	---	LT ARROW ABERG AVE (CAPITOL SYM)
15ER-01	R6-2R	---	1	1	---	---	---	ONE WAY RIGHT ARROW
15EM-02	D3-1	1	---	---	---	---	15EM-03/04	MELVIN CT SMALL ST SIGN
15EM-03	D3-1	---	---	---	---	---	15EM-02/04	E WASHINGTON AVE SMALL ST SIGN
15EM-04	D3-1	---	---	---	---	---	15EM-02/03	RETHEKE AVE SMALL ST SIGN
SHEET 13 SUBTOTALS:		70	270	131	3	18		

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-SR13

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 LAST PLOT DATE - 10/20/2022  
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**SIGNING REMOVALS SHEET 14 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 13 SUBTOTALS:		70	270	131	3	18		
15ER-02	R1-1	---	1	---	---	---	---	STOP SIGN
15ER-14	R1-1	---	1	---	---	---	---	STOP SIGN
15ER-15	W16-7L	---	1	---	---	---	15ER-16	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-16	W11-2	---	---	---	---	---	15ER-15	PEDESTRIAN CROSSING SYMBOL
15ER-17	W11-2	---	1	---	---	---	---	PEDESTRIAN CROSSING SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
15ER-03	W11-2	---	1	---	---	---	15ER-04	PEDESTRIAN CROSSING SYMBOL
15ER-04	W16-7L	---	---	---	---	---	15ER-03	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-05	W11-2	---	1	---	---	---	---	PEDESTRIAN CROSSING SYMBOL
15ER-06	W11-2	---	1	---	---	---	---	PEDESTRIAN CROSSING SYMBOL
15ER-07	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
15ER-08	R1-5R	---	1	1	---	---	---	YIELD HERE (RIGHT ARROW) TO (PED SYMBOL)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
15EM-05	D1-1	---	1	2	---	---	15EM-06	LT ARROW MELVIN CT (CAPITOL SYM)
15EM-06	D1-1	---	---	---	---	---	15EM-05	LT ARROW MELVIN CT (CAPITOL SYM)
15ER-09	R1-5R	---	1	1	---	---	---	YIELD HERE (RIGHT ARROW) TO (PED SYMBOL)
15ER-10	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
15ER-11	W11-2	---	1	---	---	---	15ER-12	PEDESTRIAN CROSSING SYMBOL
15ER-12	W16-7L	---	---	---	---	---	15ER-11	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-13	W11-2	---	---	---	---	---	15ER-14	PEDESTRIAN CROSSING SYMBOL
15ER-14	W16-7L	---	---	---	---	---	15ER-13	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-15	R4-7	---	1	1	---	---	---	KEEP RIGHT
15ER-16	R1-1	---	1	---	---	---	---	STOP SIGN
15ER-17	W11-2	---	1	---	---	---	15ER-18	PEDESTRIAN CROSSING SYMBOL
15ER-18	W16-7L	---	---	---	---	---	15ER-17	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-19	W11-2	---	1	---	---	---	---	PEDESTRIAN CROSSING SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
16ER-01	R3-53L(MOD)	---	1	---	---	---	---	LEFT TURN ON LEFT ARROW ONLY
SHEET 14 SUBTOTALS:		70	293	141	3	18		

REVISION	DATE	BY

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-SR14

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

**SIGNING REMOVALS SHEET 15 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	REMOVING SMALL SIGN SUPPORTS EACH		
SHEET 14 SUBTOTALS:		70	293	141	3	18		
16EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW FAIR OAKS AVE OH
16ER-02	R3-4	---	1	---	---	---	16ER-03	NO U TURN SYMBOL
16ER-03	R4-7	---	---	---	---	---	16ER-02	KEEP RIGHT
17ER-01	R3-4	---	1	---	---	---	17ER-02	NO U TURN SYMBOL
17ER-02	R4-7	---	---	---	---	---	17ER-01	KEEP RIGHT
17EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET FAIR OAKS AVE RT ARROW OH
17EM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW WRIGHT ST OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
18EM-01	R7-1D	1	---	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
19EM-01	R7-1D	1	---	---	---	1	---	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
20EM-01	W1-6	1	---	---	---	1	20EM-02/03/04	NIGHT ARROW (SINGLE)
20EM-02	D3-1	1	---	---	---	---	20EM-01	LEIN RD SMALL ST SIGN
20EM-03	D3-1	1	---	---	---	---	20EM-01	MENDOTA ST SMALL ST SIGN
20EM-04	R7-1D	1	---	---	---	---	20EM-01	NO PARKING ANY TIME (DOUBLE ARROW)
20ER-01	W1-6	---	1	1	---	---	---	NIGHT ARROW (SINGLE)
20ER-02	R3-4	---	1	---	---	---	20ER-03	NO U TURN SYMBOL
20ER-03	R4-7	---	---	---	---	---	20ER-02	KEEP RIGHT
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
20EM-05	J1-1	1	---	---	---	---	---	JUNCTION OR END ASSEMBLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
20EM-06	R3-17(MOD)	1	---	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
20EM-07	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MENDOTA ST OH
SHEET 15 SUBTOTALS:		82	308	151	3	20		

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
**CITY OF MADISON**

60631225P  
 MQ-SR15

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 LAST PLOT DATE: 10/20/2022  
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**SIGNING REMOVALS SHEET 16 OF 17**

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	SIGN MOUNTED ON/SAME POST AS	REMARKS
		MOVING SIGNS TYPE II EACH	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	STRUCTURAL STEEL SIGN SUPPORTS EACH	MOVING SMALL SIGN SUPPORTS EACH		
SHEET 15 SUBTOTALS:		82	308	151	3	20		
20ER-04	R3-4	---	1	---	---	---	20ER-05	NO U TURN SYMBOL
20ER-05	R4-7	---	---	---	---	---	20ER-04	KEEP RIGHT
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
22EM-01	R3-17(MOD)	1	---	---	---	---	22EM-02	BIKE LANE W/ BIKE RIDER SYMBOL
22EM-02	R7-1D	---	---	---	---	---	22EM-01	NO PARKING ANY TIME (DOUBLE ARROW)
22EM-03	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET THEIRER RD RT ARROW OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
22EM-04	R3-17(MOD)	1	---	---	---	---	22EM-05	BIKE LANE W/ BIKE RIDER SYMBOL
22EM-05	R7-1D	---	---	---	---	---	22EM-04	NO PARKING ANY TIME (DOUBLE ARROW)
22ER-01	W4-2R	---	1	---	---	---	---	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
24ER-01	R6-2R	---	1	1	---	---	24ER-02	ONE WAY RIGHT ARROW
24ER-02	R4-7	---	---	---	---	---	24ER-01	KEEP RIGHT
24ER-03	R1-1	---	1	---	---	---	24ER-04	STOP SIGN
24ER-04	R6-2R	---	---	---	---	---	24ER-03	ONE WAY RIGHT ARROW
24ER-05	R6-2R	---	1	1	---	---	24ER-06	ONE WAY RIGHT ARROW
24ER-06	R4-7	---	---	---	---	---	24ER-05	KEEP RIGHT
24ER-07	R1-1	---	1	1	---	---	24ER-08	STOP SIGN
24ER-08	R6-2R	---	---	---	---	---	24ER-07	ONE WAY RIGHT ARROW
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
24EM-01	R5-1	1	---	---	---	1	---	DO NOT ENTER
24EM-02	D3-1	1	---	---	---	1	---	INDEPENDENCE LN & E WASHINGTON AVE SMALL ST SIGNS
24EM-03	R5-1	1	---	---	---	1	---	DO NOT ENTER
24EM-04	R3-17(MOD)	1	---	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
25ER-01	W4-2R	---	1	---	---	---	---	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
SHEET 16 SUBTOTALS:		89	324	161	3	23		

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/20/2022	Scale: NTS
60631225P			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



**60631225P**  
**MQ-SR16**

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

**SIGNING REMOVALS SHEET 17 OF 17**

SIGN #	SIGN CODE	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	SIGN MOUNTED ON/SAME POST AS	REMARKS
SHEET 16 SUBTOTALS:		89	324	161	3	23		
25ER-02	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
25EM-01	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
25EM-03	R14-1	---	1	---	---	---	---	TRUCK ROUTE
25EM-02	M6-6	---	1	---	---	---	---	DIRECTIONAL ARROW (LA/UA COMBO OR UA/RA)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
<b>PROJECT TOTALS:</b>		<b>89</b>	<b>330</b>	<b>163</b>	<b>3</b>	<b>23</b>		

Mark	REVISION	DATE	BY
Designed By: AECOM	Date:	10/20/2022	Scale: NTS
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-SR17





PERMANENT SIGNING SHEET 2 OF 20

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885						
		SIGNS TYPE II												SIGN							
		SIGN						POSTS WOOD 4X6-INCH						POSTS TUBULAR STEEL 2X2-INCH						MOUNTED	
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SF	SH REFLECTIVE SF	REFLECTIVE H SF	FOLDING	REFLECTIVE SF	SH REFLECTIVE SF	REFLECTIVE F SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	ON/SAME POST AS	REMARKS	
SHEET 1 SUBTOTALS:			---	128.06	---		26.00	---		2	2	1	2	1	5	2	---	---			
1AW-19	R7-8A	12X18	---	1.50	---		---	---		---	---	---	1	---	---	---	---	1	1AW-20	RESERVED PARKING HANDICAPPED, THIS SPACE	
1AW-20	R7-8V	12X6	---	.50	---		---	---		---	---	---	---	---	---	---	---	---	1AW-19	VAN ACCESSIBLE PLAQUE	
1AW-21	R7-8A	12X18	---	1.50	---		---	---		---	---	---	1	---	---	---	---	1	1AW-22	RESERVED PARKING HANDICAPPED, THIS SPACE	
1AW-22	R7-8V	12X6	---	.50	---		---	---		---	---	---	---	---	---	---	---	---	1AW-21	VAN ACCESSIBLE PLAQUE	
1AW-23	R7-8A	12X18	---	1.50	---		---	---		---	---	1	---	---	---	---	---	---	---	RESERVED PARKING HANDICAPPED, THIS SPACE	
1AW-24	R7-53(MOD)	12X18	---	1.50	---		---	---		---	---	---	1	---	---	---	---	---	---	NO PARKING EXCEPT ELECTRIC VEHICLES	
1AW-25	D4-2A(MOD)	24X36	---	6.00	---		---	---		---	---	---	---	1	---	---	---	---	---	PASSENGER DROP OFF & GO STOP HERE	
1AW-26	R5-1	30X30	---	6.25	---		---	---		---	---	---	1	---	---	---	---	---	---	DO NOT ENTER	
1AW-27	R5-1	30X30	---	6.25	---		---	---		---	---	---	1	---	---	---	---	---	---	DO NOT ENTER	
2W-01	R3-17(MOD)	24X36	---	6.00	---		---	---		---	---	---	---	1	---	---	---	---	---	BIKE LANE ENDS W/ BIKE RIDER SYMBOL	
3W-01	R3-12F	24X30	---	5.00	---		---	---		---	---	---	---	1	---	---	---	---	---	BUS LANE AHEAD	
3WM-01	R7-66	48X48	---	---	---		---	---		---	1	---	---	---	---	---	---	---	---	MUNICIPAL PARKING REGULATIONS...	
3W-02	*BUS+LT	30X24	---	5.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	BUS LANE AND LEFT TURN ONLY GROUND	
3W-03	R2-1	24X30	---	5.00	---		---	---		---	---	---	---	1	---	---	---	---	---	SPEED LIMIT 35 MPH	
3W-04	*BUS+LT	24X30	---	5.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	BUS LANE AND LEFT TURN ONLY GROUND	
3W-05	R10-11B	24X24	---	4.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	NO TURN ON RED	
3W-06	R10-11B	24X24	---	4.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	NO TURN ON RED	
3W-07	R3-4	24X24	---	4.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	NO U TURN SYMBOL	
3W-08	R10-11B	24X24	---	4.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	NO TURN ON RED	
4W-01	R3-5(MOD)	42X48	---	---	---		14.00	---		---	---	---	---	---	---	---	---	---	4W-02(OH)	BUS ONLY OH	
4W-02	R3-5L	42X48	---	---	---		14.00	---		---	---	---	---	---	---	---	---	---	4W-01(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW	
4W-03	*BUS	30X24	---	5.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	BUS LANE ONLY GROUND	
4W-04	*BUS+LT	30X24	---	5.00	---		---	---		---	---	---	---	1	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND	
4W-05	R10-11B	24X24	---	4.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	NO TURN ON RED	
4W-06	R10-11B	24X24	---	4.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	NO TURN ON RED	
4W-07	R2-1	24X30	---	5.00	---		---	---		---	---	---	---	---	---	---	---	4WM-01	---	SPEED LIMIT 35 MPH	
4M-01	M1-94	72X30	---	---	---		---	---		---	---	---	---	2	---	---	---	---	4W-07	CROSS ROAD NAME HIGH POINT RD	
4W-08	*BUS+LT	30X24	---	5.00	---		---	---		---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND	
5W-01	*BUS+LT	30X24	---	5.00	---		---	---		---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND	
5W-02	*BUS+LT	30X24	---	5.00	---		---	---		---	---	---	---	---	---	---	---	POLE	---	BUS LANE AND LEFT TURN ONLY GROUND	
SHEET 2 SUBTOTALS:			---	233.56	---		54.00	---		2	3	2	8	4	10	2	---	2			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-PS2

**PERMANENT SIGNING SHEET 3 OF 20**

SIGN #	SIGN CODE	WXH IN	637.1220 637.2210 637.2215 637.2220 637.2230 634.0612 634.0616 634.0808 634.0809 634.0810 634.0811 634.0812 634.0814 634.0885														SIGN MOUNTED	REMARKS			
			SIGN SIZE		SIGN TYPE II							SIGN TYPE II							SIGN MOUNTED		
			REFLECTIVE SH	REFLECTIVE H	REFLECTIVE H	REFLECTIVE H	REFLECTIVE H	REFLECTIVE F	POSTS WOOD 4X6-INCH	POSTS TUBULAR STEEL 2X2-INCH					ON/SAME						
SF	SF	SF	SF	SF	SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	POST AS						
SHEET 2 SUBTOTALS:			---	233.56	---	54.00	---	2	3	2	8	4	10	2	---	2					
5W-03	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED			
5W-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED			
5W-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND			
5W-06	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND			
5W-07	R3-7R	30X30	---	6.25	---	---	---	---	---	---	---	1	---	---	---	---	---	RIGHT LANE MUST TURN RIGHT			
5W-08	W12-1D	24X24	---	---	---	---	4.00	---	---	1	---	---	---	---	---	---	---	DOUBLE DOWN ARROW			
5W-08	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 5W-10	BUS LANE AND LEFT TURN ONLY GROUND			
5W-10	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 5W-09	NO U TURN SYMBOL			
5W-11	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED			
6W-01	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	6W-02(OH)	BUS ONLY OH			
6W-02	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	6W-01(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW			
6W-03	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE ONLY GROUND			
6W-04	R3-7R	30X30	---	6.25	---	---	---	---	---	---	---	---	---	---	---	---	POLE	RIGHT LANE MUST TURN RIGHT			
6W-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND			
6W-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED			
6W-07	R3-7R	30X30	---	6.25	---	---	---	---	---	---	---	---	---	---	---	---	POLE	RIGHT LANE MUST TURN RIGHT			
6W-08	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	EXIST SIGN	SPEED LIMIT 35 MPH			
6W-09	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND			
7W-01	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 7W-04	NO U TURN SYMBOL			
7W-02	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED			
7W-03	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND			
7W-04	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 7W-01	BUS LANE AND LEFT TURN ONLY GROUND			
7W-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND			
8W-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND			
8W-02	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED			
8W-03	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED			
8WM-01	D3-1	VARIABLES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8W-07	GRAND CANYON DR & MINERAL POINT RD SMALL ST SIGNS			
8W-04	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO PARKING ANY TIME (DOUBLE ARROW)			
8W-05	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	8W-06(OH)	BUS ONLY OH			
8W-06	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	8W-06(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW			
SHEET 3 SUBTOTALS:			---	346.31	---	110.00	4.00	2	3	3	13	5	10	2	---	2					

Mark	REVISION	DATE
Designed By: AECOM	Date: 10/20/2022	Scale: NTS
60631225P		

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



**60631225P**  
**MQ-PS3**

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

**PERMANENT SIGNING 4 OF 20**

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885				
		SIGN TYPE II										SIGN							
		SIGN TYPE II										MOUNTED							
		POSTS WOOD 4X6-INCH					POSTS TUBULAR STEEL 2X2-INCH												
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SF	SH REFLECTIVE SF	FOLDING SF	REFLECTIVE SF	SH REFLECTIVE SF	REFLECTIVE F	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	POST AS	REMARKS
SHEET 3 SUBTOTALS:			---	346.31	---	110.00	4.00		2	3	3	13	5	10	2	---	2		
8W-07	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
8W-08	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	8WM-01	NO U TURN SYMBOL
8W-09	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
8W-10	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
9W-01	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
9W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
9W-03	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
9W-04	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND
9W-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND
9W-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE ONLY GROUND
10W-01	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	SPEED LIMIT 35 MPH
10W-02	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	10W-03 POLE	NO U TURN SYMBOL
10W-03	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	10W-02 POLE	BUS LANE AND LEFT TURN ONLY GROUND
10W-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
10W-05	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
10W-06	R3-20L	24X36	---	6.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BEGIN LEFT TURN LANE WITH DOWN RIGHT ARROW
10W-07	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	10W-08 (OH)	BUS ONLY OH
10W-08	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	10W-07 (OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
10W-09	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
10W-10	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND
10W-11	R3-20L	24X36	---	6.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BEGIN LEFT TURN LANE WITH DOWN RIGHT ARROW
11W-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND
11W-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	11W-03 POLE	BUS LANE AND LEFT TURN ONLY GROUND
11W-03	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	11W-02 POLE	NO U TURN SYMBOL
11W-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
11W-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE ONLY GROUND
11W-06	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	11W-07(OH)	BUS ONLY OH
11W-07	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	11W-06(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
11W-08	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
12W-01	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
SHEET 4 SUBTOTALS:			---	466.31	---	166.00	4.00		2	3	3	15	5	11	2	---	2		

Mark	DESIGNED BY: AECOM	DATE
REVISION	Date	Scale: NTS
	10/20/2022	

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



**60631225P**  
**MQ-PS4**

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

**PERMANENT SIGNING SHEET 5 OF 20**

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885				
SIGN		SIGNS TYPE II														SIGN			
SIZE		SIGNS TYPE I		SIGNS TYPE II REFLECTIVE H		SIGNS TYPE II REFLECTIVE SH		SIGNS TYPE II REFLECTIVE F		POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH					MOUNTED		
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SF	SH REFLECTIVE SF	FOLDING SF	REFLECTIVE SF	SH REFLECTIVE SF	REFLECTIVE SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	ON/SAME POST AS	REMARKS
SHEET 4 SUBTOTALS:			---	466.31	---	166.00	4.00	---	2	3	3	15	5	11	2	---	2		
12W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
13W-01	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	13W-02(OH)	BUS ONLY OH
13W-02	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	13W-01(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
13W-03	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO U TURN SYMBOL
13W-04	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	13W-05(OH)	BUS ONLY OH
13W-05	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	13W-04(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
13W-06	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO U TURN SYMBOL
13W-07	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AHEAD
13W-08	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
14W-01	R3-17(MOD)	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
14W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE ONLY GROUND
14W-03	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE ONLY GROUND
15W-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
15W-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
15W-03	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	SPEED LIMIT 25 MPH
15W-04	R3-17(MOD)	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	15WM-04	BIKE LANE W/ BIKE RIDER SYMBOL
15W-05	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
15WM-04	M1-94H	60X15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15W-04(OH)	CROSS ROAD NAME FOR OVERHEAD STREET REGENT ST OH
15W-06	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
15W-07	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
15W-08	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
15WM-01	M1-94	72X15	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	CROSS ROAD NAME REGENT STREET
15W-09	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	15W-10(OH)	BUS ONLY OH
15W-10	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	15W-09(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
15W-11	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
15WM-02	M1-94	VARIABLES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15W-13 OH	CROSS ROAD NAME REGENT ST OH
15WM-03	D3-1	VARIABLES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15WM-03	REGENT ST & WHITNEY WAY SMALL ST SIGNS
15W-12	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
15W-13	R3-17(MOD)	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	15WM-02	BIKE LANE W/ BIKE RIDER SYMBOL
16W-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
SHEET 5 SUBTOTALS:			---	562.31	---	250.00	4.00	---	2	3	3	24	6	11	2	---	2		

Mark	DESIGNED BY: AECOM	DATE
REVISION	Date	Scale: NTS
	10/20/2022	

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



**60631225P**  
**MQ-PS5**

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

PERMANENT SIGNING SHEET 6 OF 20

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885			
		SIGN														SIGN		
		SIGN TYPE II														MOUNTED		
		SIGN TYPE I														ON/SAME		
		SIGN TYPE II REFLECTIVE H														POST AS		
		SIGN TYPE II														REMARKS		
		POSTS WOOD 4X6-INCH																
		POSTS TUBULAR STEEL 2X2-INCH																
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SF	SH REFLECTIVE SF	FOLDING SF	REFLECTIVE SF	SH REFLECTIVE SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	POST AS	REMARKS
SHEET 5 SUBTOTALS:			---	562.31	---	250.00	4.00	2	3	3	24	6	11	2	---	2		
16W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE ONLY GROUND
16W-03	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
16W-04	R3-12G	24X30	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	---	BUS LANE ENDS
17W-01	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS LANE AHEAD
17WM-01	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	SHEBOYGAN AV & S WHITNEY WAY SMALL ST SIGNS
17W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
17W-03	R1-3P	18X6	---	.75	---	---	---	---	---	---	---	---	---	---	---	---	---	ALL WAY
17W-04	R1-3P	18X6	---	.75	---	---	---	---	---	---	---	---	---	---	---	---	---	ALL WAY
17W-05	R1-1	30X30	---	5.18	---	---	---	---	---	---	---	---	1	---	---	---	17W-06	STOP SIGN
17W-06	R1-3P	18X6	---	.75	---	---	---	---	---	---	---	---	---	---	---	---	17W-05	ALL WAY
17W-07	W3-3	36X36	---	---	---	---	9.00	---	---	---	---	---	---	---	1	---	---	SIGNAL AHEAD
17W-08	W3-3	36X36	---	---	---	---	9.00	---	---	---	---	---	---	---	1	---	---	SIGNAL AHEAD
17W-09	R1-1	30X30	---	5.18	---	---	---	---	---	---	---	---	1	---	---	---	17W-10	STOP SIGN
17W-10	R1-3P	18X6	---	.75	---	---	---	---	---	---	---	---	---	---	---	---	17W-09	ALL WAY
17W-11	R1-3P	18X6	---	.75	---	---	---	---	---	---	---	---	---	---	---	---	---	ALL WAY
17W-12	R1-3P	18X6	---	.75	---	---	---	---	---	---	---	---	---	---	---	---	---	ALL WAY
17W-13	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	1	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
19W-01	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AHEAD
19W-02	W3-3	36X36	---	---	---	---	9.00	---	---	---	---	---	---	---	1	---	---	SIGNAL AHEAD
19W-03	R11-10B	30X30	---	5.18	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
19W-04	R9-6	12X18	---	1.50	---	---	---	---	---	1	---	---	---	---	---	---	POLE	BIKES YIELD TO PEDS
19WM-02	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	SHEBOGAN AVE & SEGOE RD SMALL ST SIGNS
19WM-01	R7-1R	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NO PARKING ANY TIME (RIGHT ARROW)
20W-01	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	20W-02 (OH)	BUS ONLY OH
20W-02	R3-5R	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	20W-01 (OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
20W-03	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AHEAD
21W-01	R3-5(MOD)	42X48	---	14.00	---	---	---	---	---	---	---	---	---	---	---	---	21W-02	BUS ONLY OH
21W-02	R3-5L	42X48	---	14.00	---	---	---	---	---	---	---	---	---	---	---	---	21W-03	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
21WM-01	R2-1	24X30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	SPEED LIMIT 25 MPH
21WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME FOR OH ST ARROW LT N MIDVALE BLVD
SHEET 6 SUBTOTALS:			---	649.85	---	278.00	31.00	2	3	4	26	7	14	3	3	2		

Mark	DESIGNED BY: AECOM	DATE
REVISION	DATE	SCALE: NTS

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
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MQ-PS6

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PERMANENT SIGNING SHEET 7 OF 20

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		SIGNS TYPE II										SIGN						
		SIGN					SIGN					SIGN						
		SIZE					POSTS WOOD 4X6-INCH					POSTS TUBULAR STEEL 2X2-INCH					MOUNTED	
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SH SF	REFLECTIVE H SF	FOLDING SF	REFLECTIVE SH SF	REFLECTIVE F SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	ON/SAME POST AS	REMARKS
SHEET 6 SUBTOTALS:			---	649.85	---	278.00	31.00	2	3	4	26	7	14	3	3	2		
21W-03	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
21W-04	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	21W-05 POLE	KEEP RIGHT
21W-05	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	21W-04 POLE	NO U TURN SYMBOL
21W-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
21WM-04	M1-94	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME N MIDVALE BLVD ARROW RT
21WM-03	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	N MIDVALE BLVD & UNIVERSITY AV SMALL ST SIGNS
21WM-05	R8-6(MOD)	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING
24W-01	R1-1F	30X30	---	---	5.18	---	---	---	---	---	---	---	---	---	---	---	POLE	STOP SIGN (FOLDING)
24W-02	R5-1	30X30	---	6.25	---	---	---	---	---	---	---	---	---	---	---	---	POLE	DO NOT ENTER
25WM-01	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	FARLEY AVE & UNIVERSITY BAY DR SMALL ST SIGNS
25W-01	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	25W-02/05	KEEP RIGHT
25W-02	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	25W-01/05	NO U TURN SYMBOL
25WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25WM-03/25W-03/04	CROSS ROAD NAME OH FARLEY AVE ARROW RT OH
25W-03	R3-17(MOD)	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	25WM-02/03/25W-04	BIKE LANE AHEAD W/ BIKE RIDER SYMBOL
25WM-03	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25WM-03/25W-03/04	CROSS ROAD NAME OH ARROW RT FARLEY AVE OH
25W-04	R3-17(MOD)	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	25W-01/02	BIKE LANE W/ BIKE RIDER SYMBOL
25W-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS LANE ONLY GROUND
25W-06	R5-1A	36X24	---	6.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	WRONG WAY
25WM-04	R8-6(MOD)	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING
25W-07	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	25W-08 OH	BUS ONLY OH
25W-08	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	25W-07 OH	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
25W-09	*BUS	30X24	---	5.00	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS LANE ONLY GROUND
25W-10	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AHEAD
28W-01	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AHEAD
28W-02	R2-1	24X30	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	SPEED LIMIT 30 MPH
28WM-01	R8-6(MOD)	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NO STOPPING STANDING OR PARKING
29W-01	*BUS+RT	30X24	---	5.00	---	---	---	---	---	1	---	---	---	---	---	---	---	BUS & RT TURN ONLY GROUND
SHEET 7 SUBTOTALS:			---	728.10	5.18	306.00	31.00	2	3	4	28	8	14	4	3	2		

Mark	DESIGNED BY: AECOM	DATE	10/20/2022
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 CITY OF MADISON, DANE COUNTY, WI  
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MQ-PS7

PERMANENT SIGNING SHEET 8 OF 20

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		SIGN	SIGNS TYPE II					POSTS WOOD 4X6-INCH					POSTS TUBULAR STEEL 2X2-INCH					SIGN	
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH					POSTS TUBULAR STEEL 2X2-INCH					MOUNTED	
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME		
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS	
SHEET 7 SUBTOTALS:			---	728.10	5.18	306.00	31.00	2	3	4	28	8	14	4	3	2			
29WM-01	R8-6(MOD)	12X18	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	NO STOPPING STANDING OR PARKING	
29W-02	R3-7R	30X30	---	6.25	---	---	---	---	---	---	---	---	1	---	---	---	29W-03	RIGHT LANE MUST TURN RIGHT	
29W-03	R1-10P	24X12	---	2.00	---	---	---	---	---	---	---	---	---	---	---	---	29W-02	EXCEPT BUSES	
29W-04	R3-12G	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ENDS	
30W-01	*BUS/BK+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS BIKE & RT TURN ONLY	
30W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY	
30W-03	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	SPEED LIMIT 25 MPH	
30W-04	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	30W-05 OH	BUS ONLY OH	
30W-05	R3-5R	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	30W-04 OH	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW	
30W-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO TURN ON RED	
30W-07	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO TURN ON RED	
30W-08	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	1	---	30W-09	NO PARKING ANY TIME (DOUBLE ARROW)	
30W-09	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	30W-08	BUS LANE ONLY GROUND	
30W-10	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS & RT TURN ONLY GROUND	
31W-01	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY	
31W-02	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY	
31W-03	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY	
31W-04	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY	
32W-01	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY	
32W-02	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY	
32W-03	R1-1	30X30	---	5.18	---	---	---	---	---	---	---	---	1	---	---	---	---	STOP SIGN	
32W-04	R5-1	30X30	---	6.25	---	---	---	---	---	---	---	---	1	---	---	---	---	DO NOT ENTER	
32WM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME OH EAST CAMPUS MALL OH	
32W-05	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO PARKING ANY TIME (DOUBLE ARROW)	
32W-06	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY	
32W-07	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY	
32WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32WM-03 & 32W-08	CROSS ROAD NAME OH EAST CAMPUS MALL OH	
32WM-03	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32WM-02 & 32W-08	EAST CAMPUS MALL & JOHNSON STREET	
32W-08	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	32WM-02 & 32WM-03	NO PARKING ANY TIME (DOUBLE ARROW)	
32W-09	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY	
SHEET 8 SUBTOTALS:			---	839.78	5.18	334.00	31.00	2	3	4	30	8	26	4	4	2			

Mark	REVISION	Date	Scale
Designed By: AECOM		10/20/2022	NTS
60631225P			

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MQ-PS8

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PERMANENT SIGNING SHEET 9 OF 20

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		SIGN	SIGNS TYPE II					POSTS WOOD 4X6-INCH					POSTS TUBULAR STEEL 2X2-INCH					SIGN	
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH					MOUNTED				
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME		
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS	
SHEET 8 SUBTOTALS:			---	839.78	5.18	334.00	31.00	2	3	4	30	8	26	4	4	2			
32W-10	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY	
33W-01	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS & RT TURN ONLY	
33W-02	R3-5 (MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	33W-03 OH	OH BUS ONLY	
33W-03	R3-5R	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	33W-02 OH	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW	
33W-04	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS & RT TURN ONLY	
33W-05	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AHEAD	
33W-06	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AHEAD	
33W-07	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY	
33W-08	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)	
34W-01	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)	
EAST			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
2EM-01	R7-1D	18X24	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)	
3E-01	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS LANE AHEAD	
3E-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & LT TURN ONLY	
3E-03	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & LT TURN ONLY	
3E-04	R3-2	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	3E-07/08	NO LEFT TURN SYMBOL	
3EM-02	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3E-06	FRANKLIN ST & E WASHINGTON AVE	
3EM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	CROSS ROAD NAME OH S BLAIR ST RT ARROW	
3E-05	R6-1L	36X12	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	3E-06/08	ONE WAY LEFT ARROW (ROUNDBABOUTS)	
3E-06	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	3E-06/07	BUS LANE ONLY	
4E-01	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	SPEED LIMIT 25 MPH	
4E-02	J3-1	24X57	---	9.50	---	---	---	---	---	---	---	---	---	---	---	---	4E-03	DIRECTIONAL ASSEMBLY (1 HEAD PANEL)	
4E-03	R6-2L	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	4E-02	ONE WAY LEFT ARROW	
4E-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
4E-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	4EM-02/4E-05/07	BUS LANE ONLY	
4EM-02	M1-94H	72X15	---	---	---	---	---	---	---	---	---	---	1	---	---	---	4E-05/07	CROSS ROAD NAME OH LEFT ARROW USH 151/BLAIR ST	
4E-07	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	4EM-02/4E-05	NO U TURN SYMBOL	
4E-06	R3-53L	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	4E-17 POLE	LEFT TURN ONLY	
4EM-03	D1-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4EM-04 (OH)	ONE DESTINATION (ARROW)	
4EM-04	D1-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4EM-03 (OH)	ONE DESTINATION (ARROW)	
SHEET 9 SUBTOTALS:			---	940.28	5.18	362.00	31.00	2	3	4	30	9	36	4	4	2			

Mark	REVISION	DATE
Designed By: AECOM	Date:	Scale: NTS
60631225P	10/20/2022	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 MQ-PS9



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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

PERMANENT SIGNING SHEET 10 OF 20

		637.1220 637.2210 637.2215 637.2220 637.2230 634.0612 634.0616 634.0808 634.0809 634.0810 634.0811 634.0812 634.0814 634.0885																	
		SIGN SIGNS TYPE II															SIGN		
		SIZE															MOUNTED		
		SIGN SIGNS TYPE I SIGNS TYPE II REFLECTIVE H SIGNS TYPE II SIGNS TYPE II																	
		POSTS WOOD 4X6-INCH																	
		POSTS TUBULAR STEEL 2X2-INCH																	
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SF	SH REFLECTIVE SF	FOLDING SF	REFLECTIVE SF	SH REFLECTIVE SF	REFLECTIVE F SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	POST AS	REMARKS
SHEET 9 SUBTOTALS:			---	940.28	5.18	362.00	31.00		2	3	4	30	9	36	4	4	2		
4E-08	R8-6(MOD)	18X24	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	4E-09	NO STOPPING STANDING OR PARKING
4E-09	R7-5D	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4E-08	2 HOUR PARKING 9AM - 6PM
4E-10	R8-6(MOD)	18X24	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	4E-09	NO STOPPING STANDING OR PARKING
4E-11	R7-5L	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4E-08	2 HOUR PARKING 9AM - 6PM
4E-12	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
4E-13	W12-1D	24X24	---	---	---	---	4.00	---	---	---	1	---	---	---	---	---	---	---	DOUBLE DOWN ARROW
4E-14	R3-53L	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	LEFT TURN ONLY
4E-15	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	1	---	---	---	4E-09	KEEP RIGHT
4E-16	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
4EM-01	D3-1	VARIABLES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	BLAIR ST & E WASHINGTON AVE
4E-17	R3-18	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	4E-06 POLE	NO LEFT / U-TURN SYMBOL
4E-18	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	SIGN STRUCTURE	BUS AHEAD OH
4E-19	R3-5(MOD)	72X48	24.00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	SIGN STRUCTURE	LANE CONTROL W/ BLACK BORDER LT TURN ONLY & BUS ONLY COMBO
4E-20	R8-6(MOD)	18X24	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	4E-21	NO STOPPING STANDING OR PARKING
4E-21	R7-5L	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4E-20	2 HOUR PARKING 8AM - 4PM
4E-22	R7-1L	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	1	---	---	4E-26	NO PARKING ANY TIME (LEFT ARROW)
4E-23	R10-17A(MOD)	30X36	---	7.50	---	---	---	---	---	---	---	---	---	---	---	---	---	4E-25	RIGHT TURN ONLY EXCEPT 4PM-6PM
5E-01	R3-12G	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5E-01	BUS LANE ENDS
5E-02	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	1	---	---	---	5E-03	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM
5E-03	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5E-02	2 HOUR PARKING 9AM - 6PM
5E-04	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5E-05 POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM
5E-05	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5E-04 POLE	2 HOUR PARKING 9AM - 6PM
5E-06	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5E-07 POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 7AM-9AM
5E-07	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5E-06 POLE	2 HOUR PARKING 9AM - 6PM
5E-08	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5E-09	NO STOPPING STANDING OR PARKING 3AM-6AM, 7AM-9AM
5E-09	R7-5D	18X24	---	3.00	---	---	---	---	---	---	1	---	---	---	---	---	---	5E-10	2 HOUR PARKING 9AM - 6PM
5EM-01	M1-94H	VARIABLES X18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME PATERSON ST OH
5E-10	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
5E-11	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5EM-02 & 5E-12 POLE	KEEP RIGHT
5E-12	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	5EM-02 & 5E-11 POLE	BUS LANE AND LEFT TURNS ONLY GROUND
SHEET 10 SUBTOTALS:			24.00	1015.78	5.18	376.00	35.00		2	3	5	31	9	36	9	5	2		

Mark	DESIGNED BY: AECOM	DATE	10/20/2022
REVISION	DATE	10/20/2022	Scale: NTS

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 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
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 CITY OF MADISON



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 MQPS10

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PERMANENT SIGNING SHEET 12 OF 20

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885				
		SIGN	SIGNS TYPE II					POSTS WOOD 4X6-INCH					POSTS TUBULAR STEEL 2X2-INCH					SIGN	
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH					MOUNTED				
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME		
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS	
SHEET 11 SUBTOTALS:			24.00	1119.78	5.18	376.00	35.00	2	3	5	33	9	42	11	5	2			
6E-11	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	6E-10	2 HOUR PARKING 8AM - 4PM	
6E-12	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND	
6E-13	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM	
6E-14	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM	
7E-01	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO STOPPING STANDING OR PARKING 3AM-9AM	
7E-02	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	1	---	---	7E-03	NO STOPPING STANDING OR PARKING 3AM-9AM	
7E-03	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-02	2 HOUR PARKING 9AM - 6PM	
7E-04	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-05 POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 7AM-9AM	
7E-05	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-04 POLE	2 HOUR PARKING 9AM - 6PM	
7E-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
7EM-03	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME BALDWIN ST OH	
7E-07	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-08/17 POLE	BUS LANE ONLY GROUND	
7E-08	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-07/17 POLE	NO U TURN SYMBOL	
7E-09	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	---	7E-10	NO STOPPING STANDING OR PARKING 3AM-9AM	
7E-10	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-09	2 HOUR PARKING 9AM - 6PM	
7E-11	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE ONLY GROUND	
7EM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	1	---	---	---	7E-12	CROSS ROAD NAME BALDWIN ST OH	
7E-12	R3-2	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	7EM-01	NEW SIGN FLAGS	
7E-13	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-14 POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM	
7E-14	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-13 POLE	2 HOUR PARKING 8AM - 4PM	
7E-15	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-16 POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM	
7E-16	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-15 POLE	2 HOUR PARKING 8AM - 4PM	
7E-17	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	7E-07/08 POLE	KEEP RIGHT	
7E-18	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
7EM-02	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7E-19/20	BALDWIN STREET & E WASHINGTON AVE SMALL ST SIGNS	
7E-19	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	7EM-02 & 7E-20	KEEP RIGHT	
7E-20	R3-18	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	7EM-02/7E-19	NO LEFT / U-TURN SYMBOL	
7E-21	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND	
7E-22	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM	
7E-23	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM	
SHEET 12 SUBTOTALS:			24.00	1217.78	5.18	376.00	35.00	2	3	5	33	9	46	13	5	2			

Mark	REVISION	DATE
Designed By: AECOM	Date:	10/20/2022
60631225P	Scale: NTS	

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 CITY OF MADISON, DANE COUNTY, WI  
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MQ-PS12

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PERMANENT SIGNING SHEET 13 OF 20

637.1220 637.2210 637.2215 637.2220 637.2230 634.0612 634.0616 634.0808 634.0809 634.0810 634.0811 634.0812 634.0814 634.0885

SIGN #	SIGN CODE	WXH IN	SIGN					SIGN TYPE II										SIGN MOUNTED	REMARKS
			REFLECTIVE SF	SH SF	REFLECTIVE SF	SH SF	FOLDING SF	POSTS WOOD 4X6-INCH	POSTS TUBULAR STEEL 2X2-INCH					ON/SAME					
							12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH				
SHEET 12 SUBTOTALS:			24.00	1217.78	5.18	376.00	35.00	2	3	5	33	9	46	13	5	2			
7E-24	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE ONLY GROUND		
8E-01	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE ONLY GROUND		
8E-02	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	8E-03 POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM		
8E-03	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	8E-02 POLE	2 HOUR PARKING 8AM - 4PM		
8E-04	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	1	---	---	BUS LANE ONLY GROUND		
8E-05	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	8E-06 POLE	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM		
8E-06	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	8E-05 POLE	2 HOUR PARKING 8AM - 4PM		
8E-07	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	8E-08	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM		
8E-08	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	8E-07	2 HOUR PARKING 8AM - 4PM RT ARROW		
8E-09	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	8E-10/11	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM		
8E-10	R7-5R	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	8E-07	2 HOUR PARKING 8AM - 4PM RT ARROW		
8E-11	R7-5L(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	8E-07	30 MINUTE PARKING 8AM - 4PM LT ARROW		
8E-12	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	8E-10/11	NO STOPPING STANDING OR PARKING 3AM-6AM, 4PM-6PM		
8E-13	R7-5R(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	8E-07	30 MINUTE PARKING 8AM - 4PM RT ARROW		
9E-01	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	9E-02/03	BUS ONLY (OH)		
9E-02	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	9E-01/03	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW		
9E-03	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	9E-01/02	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW		
9EM-01	W10-1	36X36	---	---	---	---	---	---	---	---	---	---	1	---	---	9EM-02	RAILROAD CROSSING		
9EM-02	W10-1A(MOD)	24X12	---	---	---	---	---	---	---	---	---	---	---	---	---	9EM-01	NO TRAIN HORN		
9EM-05	W10-1	36X36	---	---	---	---	---	---	---	---	---	---	1	---	---	9EM-06	RAILROAD CROSSING		
9EM-06	W10-1A(MOD)	24X12	---	---	---	---	---	---	---	---	---	---	---	---	---	9EM-05	NO TRAIN HORN		
9E-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED		
9E-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	9E-06/07 POLE	BUS LANE AND LEFT TURN ONLY GROUND		
9E-06	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	9E-05/07 POLE	NO U TURN SYMBOL		
9E-07	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	9E-05/07 POLE	KEEP RIGHT		
9E-08	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM		
9E-09	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM		
9E-10	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM		
9E-11	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & LT TURN ONLY GROUND		
9E-12	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM		
SHEET 13 SUBTOTALS:			24.00	1300.78	5.18	418.00	35.00	2	3	5	33	9	48	18	6	2			

Mark	REVISION	Date	BY
Designed By: AECOM		10/20/2022	
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-PS13

PERMANENT SIGNING SHEET 14 OF 20

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885				
		SIGN	SIGNS TYPE II															SIGN	
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH						MOUNTED			
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME		
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS	
SHEET 13 SUBTOTALS:			24.00	1300.78	5.18	418.00	35.00	2	3	5	33	9	48	18	6	2			
9E-13	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
9E-14	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-15/16 POLE	BUS & LT TURN ONLY GROUND	
9E-15	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-14/16 POLE	NO U TURN SYMBOL	
9E-16	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-14/15 POLE	KEEP RIGHT	
9EM-04	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME S FIRST ST OH	
9E-17	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 4PM-6PM	
9E-18	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO PARKING ANY TIME (DOUBLE ARROW)	
9EM-03	D3-1	30X12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9E-14/15/16 POLE	S FIRST ST & E WASHINGTON AVE SMALL ST SIGNS	
9E-19	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 4PM-6PM	
9E-20	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 4PM-6PM	
9E-21	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 4PM-6PM	
10E-01	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE & EX R3-17	NO STOPPING STANDING OR PARKING 7AM-9AM	
10E-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	10E-14	BUS LANE ONLY GROUND	
10E-03	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM	
10E-04	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM	
10E-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	---	BUS & LT TURN ONLY GROUND	
10E-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
10EM-01	D3-1	30X12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10E-07/08 POLE	S FOURTH & E WASHINGTON AVE SMALL ST SIGNS	
10E-07	R3-18	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	10EM-01 & 10E-08 POLE	NO LEFT / U-TURN SYMBOL	
10E-08	R4-7	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	10EM-01 & 10E-07 POLE	KEEP RIGHT	
10E-09	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
10E-10	*BIKE+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BIKE & RT TURN ONLY GROUND	
10E-11	R3-2	24X24	---	4.00	---	---	---	---	---	---	---	1	---	---	---	---	---	NO LEFT TURN SYMBOL	
10E-12	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	10E-13 OH	BUS ONLY (OH)	
10E-13	R3-5A	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	10E-12 OH	LANE CONTROL SYMBOL W/ BLACK BORDER - AHEAD ARROW	
10E-14	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	10E-02	BUS & LT TURN ONLY GROUND	
10E-15	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 4PM-6PM	
10E-16	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 4PM-6PM	
10E-17	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
10E-18	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-19/20 POLE	NO U TURN SYMBOL	
SHEET 14 SUBTOTALS:			24.00	1398.78	5.18	446.00	35.00	2	3	5	33	9	51	18	6	2			

Mark	REVISION	DATE
Designed By: AECOM	Date:	Scale: NTS
60631225P	10/20/2022	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-PS14

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

PERMANENT SIGNING SHEET 15 OF 20

		637.1220 637.2210 637.2215 637.2220 637.2230 634.0612 634.0616 634.0808 634.0809 634.0810 634.0811 634.0812 634.0814 634.0885																
		SIGN SIGNS TYPE II															SIGN	
		SIGN SIZE															SIGN MOUNTED	
		SIGN SIGNS TYPE I SIGNS TYPE II REFLECTIVE H SIGNS TYPE II SIGNS TYPE II																
		POSTS WOOD 4X6-INCH																
		POSTS TUBULAR STEEL 2X2-INCH																
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SH SF	REFLECTIVE H SF	FOLDING SF	REFLECTIVE SH SF	REFLECTIVE F SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	POST AS	REMARKS
SHEET 14 SUBTOTALS:			24.00	1398.78	5.18	446.00	35.00	2	3	5	33	9	51	18	6	2		
10E-19	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-18/20 POLE	KEEP RIGHT
10E-20	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-18/19 POLE	BUS & LT TURN ONLY GROUND
10E-21	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
10E-22	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	10E-23 & R3-17EX POLE	NO STOPPING STANDING OR PARKING 4PM-6PM
10E-23	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	10E-22 & R3-17EX POLE	2 HOUR PARKING 8AM - 4PM
10E-24	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	10E-25 POLE	NO STOPPING STANDING OR PARKING 4PM-6PM
10E-25	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	10E-24 POLE	2 HOUR PARKING 8AM - 4PM
11E-01	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-02 POLE	NO STOPPING STANDING OR PARKING 7AM-9AM
11E-02	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-01 POLE	2 HOUR PARKING 9AM - 6PM
11E-03	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-04 POLE	NO STOPPING STANDING OR PARKING 7AM-9AM
11E-04	R7-5R	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-03 POLE	2 HOUR PARKING 9AM - 6PM RT ARROW
11E-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY
11E-05	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-07 POLE	NO STOPPING STANDING OR PARKING 7AM-9AM
11E-06	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-06 POLE	2 HOUR PARKING 9AM - 6PM
11E-08	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	---	BUS & LT TURN ONLY GROUND
11E-09	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM
11E-10	R7-5R	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	---	11E-11 POLE	2 HOUR PARKING 8AM - 4PM
11E-11	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-10 POLE	NO STOPPING STANDING OR PARKING 4PM-6PM
11E-12	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	---	11E-13	NO STOPPING STANDING OR PARKING 4PM-6PM
11E-13	R7-5L	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-12	2 HOUR PARKING 8AM - 4PM
11E-14	*FT BUS ENDS	60X36	---	15.00	---	---	---	---	---	---	---	---	2	---	---	---	---	FULL TIME BUS LANE ENDS W/ BUS SYMBOL
11E-15	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	1	---	---	11E-16	NO STOPPING STANDING OR PARKING 4PM-6PM
11E-16	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-15	2 HOUR PARKING 8AM - 4PM
11E-17	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-18 POLE	NO STOPPING STANDING OR PARKING 4PM-6PM
11E-18	R7-5D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	11E-17 POLE	2 HOUR PARKING 8AM - 4PM
11E-19	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	BUS ONLY EXCEPT 4PM - 6PM MON - FRI OH STRUCTURE
12E-01	R7-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	FREIGHT LOADING ZONE 9AM-9PM
12E-02	R8-6(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	1	---	---	---	---	EXISTING BIKE LANE	NO STOPPING STANDING OR PARKING 7AM-9AM
12EM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME NORTH STREET RIGHT ARROW OH
12E-03	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
SHEET 15 SUBTOTALS:			54.00	1504.78	5.18	446.00	35.00	2	3	5	33	9	53	23	6	2		

Mark	DESIGNED BY: AECOM	DATE	10/20/2022
REVISION		DATE	10/20/2022
BY		DATE	

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**PERMANENT SIGNING SHEET 16 OF 20**

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885			
		SIGNS TYPE II														SIGN		
		SIGN						POSTS WOOD 4X6-INCH								MOUNTED		
		SIGN SIZE						POSTS TUBULAR STEEL 2X2-INCH								ON/SAME		
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SF	SH REFLECTIVE SF	FOLDING SF	REFLECTIVE SF	SH REFLECTIVE SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	POST AS	REMARKS
SHEET 15 SUBTOTALS:			54.00	1504.78	5.18	446.00	35.00	2	3	5	33	9	53	23	6	2		
12E-04	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-05/06 POLE	BUS LANE ONLY
12E-05	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-04/06 POLE	NO U TURN SYMBOL
12E-06	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-04/05 POLE	KEEP RIGHT
12E-07	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
12E-08	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & LT TURN ONLY GROUND
12E-09	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE ONLY
12EM-04	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	EXIST POLE 12EM-05/06	NORTH ST SMALL ON EXIST TS
12EM-05	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	EXIST POLE 12EM-04/06	MILWAUKEE ST ON EXIST TS
12EM-06	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	EXIST POLE 12EM-04/05	E WASHINGTON AVE ON EXIST
12E-10	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
12E-11	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
12EM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OH LEFT CROSS ROAD NAME OHARROW MILWAUKEE ST
12EM-03	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	LEFT ARROW NORTH ST
12EM-07	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OHMILWAUKEE ST RIGHT ARROW
12E-12	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-13/14 POLE	BUS LANE ONLY GROUND
12E-13	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-12/14 POLE	NO U TURN SYMBOL
12E-14	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-12/13 POLE	KEEP RIGHT
12E-15	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	BUS ONLY EXCEPT 4PM - 6PM MON - FRI OH STRUCTURE
13E-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & LT TURN ONLY GROUND
13E-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS & LT TURN ONLY GROUND
13E-03	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	ON BACK OF EXIST SIGN	SPEED LIMIT 30 MPH
13E-04	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	13E-05/06 POLE	BUS & LT TURN ONLY GROUND
13E-05	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	13E-04/06 POLE	NO U TURN SYMBOL
13E-06	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	13E-04/05 POLE	KEEP RIGHT
13EM-01	M1-94H	36X8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME FOR OVERHEAD STREET
13E-07	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	CROSS ROAD NAME MARQUETTE ST OH
13E-08	*BUS EXCEPT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS ONLY EXCEPT 4PM - 6PM MON - FRI OH STRUCTURE
13EM-02	D3-1	36X8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13E-04/05/06	BUS ONLY EXCEPT 4PM - 6PM MON - FRI SMALL SIGN POST MOUNTED
13E-09	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	E WASHINGTON AVE SMALL ST SIGN
13EM-03	M1-94H	30X8	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	CROSS ROAD NAME MARQUETTE ST OH
SHEET 16 SUBTOTALS:			114.00	1592.78	5.18	446.00	35.00	2	3	5	34	9	56	23	6	2		

Mark	Designed By: AECOM	Date: 10/20/2022	Scale: NTS
REVISION			
BY			

**60631225P**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**



**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

**60631225P**  
**MQ-PS16**

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE: 10/20/2022

PERMANENT SIGNING SHEET 17 OF 20

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885			
		SIGNS TYPE II										SIGN						
		SIGN											SIGN					
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH				POSTS TUBULAR STEEL 2X2-INCH				MOUNTED		
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME	
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 16 SUBTOTALS:			114.00	1592.78	5.18	446.00	35.00	2	3	5	34	9	56	23	6	2		
13E-10	*BUS EXCEPT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	13E-11	BUS ONLY EXCEPT 4PM - 6PM MON - FRI SMALL SIGN POST MOUNTED
13E-11	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	13E-10	NO U TURN SYMBOL
14E-01	R3-5(MOD)	72X48	24.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	LT ONLY & BUS ONLY (OH)
14E-02	*FT BUS AHEAD	60X36	---	15.00	---	---	---	---	---	---	---	---	---	2	---	---	---	FULL TIME BUS LANE AHEAD W/ BUS SYMBOL
14E-03	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	BUS ONLY EXCEPT 4PM - 6PM MON - FRI OH STRUCTURE
15E-01	**BUS EXCEPT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS ONLY EXCEPT 7AM - 9AM MON - FRI SMALL SIGN POST MOUNTED
15EM-01	D1-1	VARIABLES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15EM-06/15E-12	RIGHT ARROW ABERG AVE
15E-02	R6-2R	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	ONE WAY RIGHT ARROW
15E-03	M1-94H	VARIABLES18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OH LT ARROW RETHKE AVE
15E-04	M1-94H	VARIABLES18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OH MELVIN CT RT ARROW
15E-05	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
15E-06	M1-94H	VARIABLES18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OH E WASHINGTON AVE
15E-07	*BUS EXCEPT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	15E-08/09 POLE	BUS ONLY EXCEPT 7AM - 9AM MON - FRI SMALL SIGN POST MOUNTED
15E-08	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	15E-07/09 POLE	NO U TURN SYMBOL
15E-09	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	15E-07/08 POLE	KEEP RIGHT
15E-10	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	BUS ONLY EXCEPT 7AM - 9AM MON - FRI OH STRUCTURE
15E-11	*BUS EXCEPT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS ONLY EXCEPT 4PM - 6PM MON - FRI SMALL SIGN POST MOUNTED
15EM-06	D1-1	72X15	---	---	---	---	---	---	---	---	---	---	1	---	---	---	15E-12	RETHKE AVE RIGHT ARROW (ONE DESTINATION)
15E-12	R3-2	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	15EM-06	NO LEFT TURN SYMBOL
15E-13	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
15EM-02	D3-1	30X8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15EM-03/04 POLE	MELVIN CT
15EM-03	D3-1	30X8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15EM-02/04 POLE	E WASHINGTON AV SMALL ST SIGN
15EM-04	D3-1	30X8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15EM-02/03 POLE	RETHKE AVE SMALL STREET SIGN
15E-14	R3-18	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	15E-15/16 POLE	NO LEFT / U-TURN SYMBOL
15E-15	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	15E-14/16 POLE	KEEP RIGHT
15E-16	*BUS EXCEPT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	15E-14/15 POLE	BUS ONLY EXCEPT 4PM - 6PM MON - FRI SMALL SIGN POST MOUNTED
15E-17	M1-94H	VARIABLES18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OH E WASHINGTON AVE
15E-18	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	BUS ONLY EXCEPT 4PM - 6PM MON - FRI OH STRUCTURE
15E-19	M1-94H	VARIABLES18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OH LT ARROW MELVIN CT
15E-20	M1-94H	VARIABLES18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OH RETHKE AVE RT ARROW
SHEET 17 SUBTOTALS:			228.00	1671.78	5.18	446.00	35.00	2	3	5	34	9	59	25	6	2		

Mark	REVISION	DATE
Designed By: AECOM	Date:	Scale: NTS
60631225P	10/20/2022	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
MQ-PS17

C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

PERMANENT SIGNING SHEET 18 OF 20

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885																	
SIGN		SIGNS TYPE II														SIGN																
SIZE		SIGNS TYPE I		REFLECTIVE H		REFLECTIVE SH		REFLECTIVE F		POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH						MOUNTED														
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SF	SH SF	REFLECTIVE SF	SH SF	REFLECTIVE SF	SH SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	ON/SAME POST AS	REMARKS													
SHEET 17 SUBTOTALS:			228.00		1671.78		5.18		446.00		35.00		2		3		5		34		9		59		25		6		2			
16E-01	**BUS EXCEPT	30X24	---		5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS ONLY EXCEPT 7AM - 9AM MON - FRI SMALL SIGN POST MOUNTED	
16E-02	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	---	---	---	---	---	---	---	---	---	---	---	BUS ONLY EXCEPT 7AM - 9AM MON - FRI OH STRUCTURE	
16E-03	R3-12G	24X30	---		5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS LANE ENDS	
16EM-01	M1-94H	VARIESX18	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME OH LT ARROW FAIR OAKS AVE	
17E-01	R10-11B	24X24	---		4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	---	---	---	---	---	---	---	---	---	---	---	NO TURN ON RED	
17E-02	R3-4	24X24	---		4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	17E-03 POLE	---	---	---	---	---	---	---	---	---	---	---	NO U TURN SYMBOL	
17E-03	R4-7	24X30	---		5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	17E-02 POLE	---	---	---	---	---	---	---	---	---	---	---	KEEP RIGHT	
17EM-01	M1-94H	VARIESX18	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME OH FAIR OAKS AVE RIGHT ARROW	
17EM-02	M1-94H	VARIESX18	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME OH FAIR OAKS AVE RIGHT ARROW	
17E-04	R3-4	24X24	---		4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	17E-05 POLE	---	---	---	---	---	---	---	---	---	---	---	NO U TURN SYMBOL	
17E-05	R4-7	24X30	---		5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	17E-04 POLE	---	---	---	---	---	---	---	---	---	---	---	KEEP RIGHT	
17E-06	R3-12F	24X30	---		5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS LANE AHEAD	
17E-07	R3-5L	42X48	---		---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	17E-08(OH STRUCTURE)	---	---	---	---	---	---	---	---	---	---	---	---	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
17E-08	R3-5(MOD)	42X48	---		---	---	14.00	---	---	---	---	---	---	---	---	---	---	---	17E-07(OH STRUCTURE)	---	---	---	---	---	---	---	---	---	---	---	---	BUS ONLY OH
19E-01	R9-6	12X18	---		1.50	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	BIKE YIELD TO PEDS	
19EM-01	R7-1D	18X24	---		---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)	
20E-01	R5-1	30X30	---		6.25	---	---	---	---	---	---	---	---	---	1	---	---	---	20E-02	---	---	---	---	---	---	---	---	---	---	---	---	DO NOT ENTER
20E-02	R5-11(MOD)	30X24	---		5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	20E-01	---	---	---	---	---	---	---	---	---	---	---	---	METRO AUTHORIZED VEHICLES ONLY
20E-03	R5-1	30X30	---		6.25	---	---	---	---	---	---	---	---	---	1	---	---	---	20E-04	---	---	---	---	---	---	---	---	---	---	---	---	DO NOT ENTER
20E-04	R5-11(MOD)	30X24	---		5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	20E-03	---	---	---	---	---	---	---	---	---	---	---	---	METRO AUTHORIZED VEHICLES ONLY
20E-05	R5-1	30X30	---		6.25	---	---	---	---	---	---	---	---	---	1	---	---	---	20E-06	---	---	---	---	---	---	---	---	---	---	---	---	DO NOT ENTER
20E-06	R5-11(MOD)	30X24	---		5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	20E-05	---	---	---	---	---	---	---	---	---	---	---	---	METRO AUTHORIZED VEHICLES ONLY
20EM-01	W1-6	48X24	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	20EM-02/03/04	---	---	---	---	---	---	---	---	---	---	---	---	NIGHT ARROW (SINGLE)
20EM-02	D3-1	VARIES	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	20EM-01/03/04	---	---	---	---	---	---	---	---	---	---	---	---	LEIN RD SMALL ST SIGN
20EM-03	D3-1	VARIES	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	20EM-01/02/04	---	---	---	---	---	---	---	---	---	---	---	---	MENDOTA ST SMALL ST SIGN
20EM-04	R7-1D	18X24	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	20EM-01/02/03	---	---	---	---	---	---	---	---	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
20E-07	R5-1	30X30	---		6.25	---	---	---	---	---	---	---	---	---	1	---	---	---	20E-08	---	---	---	---	---	---	---	---	---	---	---	---	DO NOT ENTER
20E-08	R5-11(MOD)	30X24	---		5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	20E-07	---	---	---	---	---	---	---	---	---	---	---	---	METRO AUTHORIZED VEHICLES ONLY
20E-09	R10-11B	24X24	---		4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	---	---	---	---	---	---	---	---	---	---	---	---	NO TURN ON RED
20EM-05	J1-1	24X39	---		---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	JUNCTION OR END ASSEMBLY
SHEET 18 SUBTOTALS:			258.00		1759.28		5.18		474.00		35.00		2		3		6		34		9		63		30		6		2			

Mark	DESIGNED BY: AECOM	DATE	10/20/2022
REVISION	DATE	10/20/2022	Scale: NTS

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
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 BUS RAPID TRANSIT  
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MQ-PS18

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 LAST PLOT DATE - 10/20/2022  
 FILE NAME:



**PERMANENT SIGNING SHEET 19 OF 20**

		637.1220	637.2210	637.2215	637.2220	637.2230	634.0612	634.0616	634.0808	634.0809	634.0810	634.0811	634.0812	634.0814	634.0885				
SIGN		SIGNS TYPE II														SIGN			
SIZE		SIGNS TYPE I		REFLECTIVE H		REFLECTIVE SH		REFLECTIVE F		POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH						MOUNTED	
SIGN #	SIGN CODE	WXH IN	REFLECTIVE SF	SH REFLECTIVE SF	FOLDING SF	REFLECTIVE SF	SH REFLECTIVE SF	REFLECTIVE SF	12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH	POST AS	REMARKS
SHEET 18 SUBTOTALS:			258.00	1759.28	5.18	474.00	35.00		2	3	6	34	9	63	30	6	2		
20EM-06	R3-17(MOD)	30X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BIKE LANE W/ BIKE RIDER SYMBOL
20E-10	R9-6	12X18	---	1.50	---	---	---	---	---	---	1	---	---	---	---	---	---	---	BIKES YEILD TO PEDS
20E-11	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	KEEP RIGHT
20EM-07	M1-94	VARIABLES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME MENDOTA ST OH
20E-12	R9-6	12X18	---	1.50	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BIKES YEILD TO PEDS
20E-13	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
20E-14	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	---	20E-15 POLE	NO U TURN SYMBOL
20E-15	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	20E-14 POLE	KEEP RIGHT
22EM-01	R3-17(MOD)	30X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22EM-02 POLE	BIKE LANE W/ BIKE RIDER SYMBOL
22EM-02	R7-1D	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22EM-01 POLE	NO PARKING ANY TIME (DOUBLE ARROW)
22E-01	R1-10P(MOD)	42X24	---	---	---	7.00	---	---	---	---	---	---	---	---	---	---	---	OH W/ EX R3-5R	EXCEPT BUSES
22E-02	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AHEAD
22E-03	R3-7R	30X30	---	6.25	---	---	---	---	---	---	---	---	1	---	---	---	---	22E-04	RIGHT LANE MUST TURN RIGHT
22E-04	R1-10P(MOD)	24X12	---	2.00	---	---	---	---	---	---	---	---	---	---	---	---	---	22E-03	EXCEPT BUSES
22EM-03	M1-94	VARIABLES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS RAOD NAME THEIRER RD RT ARROW OH
22E-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	---	BUS LANE ONLY
22E-06	R9-6	12X18	---	1.50	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BIKES YIELD TO PEDS
22EM-04	R3-17(MOD)	30X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22EM-05 POLE	BIKE LANE W/ BIKE RIDER SYMBOL
22EM-05	R7-1D	18X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22EM-04 POLE	NO PARKING ANY TIME (DOUBLE ARROW)
23E-01	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & RT TURN ONLY
23E-02	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & RT TURN ONLY
23E-03	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & RT TURN ONLY
23E-04	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & RT TURN ONLY
24E-01	R6-2R	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	24E-02 POLE	ONE WAY RIGHT ARROW
24E-02	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	24E-01 POLE	KEEP RIGHT
24E-03	R9-6	12X18	---	1.50	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BIKES YIELD TO PEDS
24E-04	M1-94H	VARIABLESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME INDEPENDENCE LN OH
24E-05	R6-2R	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	ONE WAY RIGHT ARROW
24E-06	R6-2R	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	24E-07 POLE	ONE WAY RIGHT ARROW
24E-07	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	24E-06 POLE	KEEP RIGHT
SHEET 19 SUBTOTALS:			258.00	1846.53	5.18	481.00	35.00		2	3	7	34	9	65	30	6	2		

Mark	Designed By: AECOM	Date: 10/20/2022	Scale: NTS
REVISION			
BY			

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 MQ-PS19

C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx  
 LAST PLOT DATE - 10/20/2022  
 FILE NAME:

PERMANENT SIGNING SHEET 20 OF 20

SIGN #	SIGN CODE	SIGN SIZE WXH IN	637.1220 637.2210 637.2215 637.2220 637.2230 634.0612 634.0616 634.0808 634.0809 634.0810 634.0811 634.0812 634.0814 634.0885					SIGN MOUNTED							REMARKS			
			SIGN TYPE I		SIGN TYPE II		SIGN TYPE II		SIGN TYPE II		SIGN TYPE II					ON/SAME POST AS		
			REFLECTIVE SH SF	REFLECTIVE H SF	REFLECTIVE H SF	FOLDING SF	REFLECTIVE SH SF	REFLECTIVE F SF	POSTS WOOD 4X6-INCH	POSTS TUBULAR STEEL 2X2-INCH								
							12 FT EACH	16 FT EACH	8 FT EACH	9.5 FT EACH	10 FT EACH	11 FT EACH	12 FT EACH	14 FT EACH	8.5 FT EACH			
SHEET 19 SUBTOTALS:			258.00	1846.53	5.18	481.00	35.00	2	3	7	34	9	65	30	6	2		
24E-08	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & RT TURN ONLY
24EM-01	R5-1	30X30	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	DO NOT ENTER
24EM-02	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	INDEPENDENCE LANE & E WASHINGTON AVE SMALL ST SIGNS
24EM-03	R5-1	30X30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	DO NOT ENTER
24E-09	R6-2R	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	ONE WAY RIGHT ARROW
24E-10	R9-6	12X18	---	1.50	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BIKES YIELD TO PEDS
24E-11	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME INDEPENDENCE LN OH
24EM-04	R3-17(MOD)	30X24	---	---	---	---	---	---	---	---	---	---	1	---	---	---	24E-12	BIKE LANE W/ BIKE RIDER SYMBOL
24E-12	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	24EM-04	NO PARKING ANY TIME (DOUBLE ARROW)
24E-13	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & RT TURN ONLY
25E-01	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & RT TURN ONLY
25E-02	R3-12F	30X24	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	---	BUS LANE AHEAD
25EM-02	R14-1	24X18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25EM-03/04 POLE	TRUCK ROUTE
25EM-03	M6-6	21X21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25EM-02/04 POLE	DIRECTIONAL ARROW (LA/UA COMBO OR UA/RA)
25EM-04	R3-17(MOD)	30X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25EM-02/03 POLE	BIKE LANE W/ BIKE RIDER SYMBOL ON WITH TRUCK ROUTE SIGNING
25EM-01	R3-17(MOD)	30X24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	BIKE LANE ENDS SIGN ON SAME POLE WITH NORTH USH 151
25E-03	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	EXIST J4-1 POLE	BUS & RT TURN ONLY
25E-04	R9-6	12X18	---	1.50	---	---	---	---	---	1	---	---	---	---	---	---	---	BIKES YIELD TO PEDS
25E-05	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
PROJECT TOTALS:			258.00	1886.53	5.18	481.00	35.00	2	3	8	34	9	67	31	6	2		

Mark	REVISION	DATE	BY
Designed By: AECOM		10/20/2022	
60631225P			

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 MQ-PS20

**OVERHEAD SIGNING STRUCTURES**

BASE NUMBER	STATION	OFFSET	L/R	SPV.0060.206	654.0120	SPV.0060.274	SPV.0060.209	SPV.0060.247	SPV.0060.217	SPV.0060.218	SPV.0060.219	SPV.0060.251	SPV.0060.254	SPV.0060.214	SPV.0060.215	NOTES
				CONCRETE BASES	CONCRETE BASES	INSTALL TRANSFORMER BASES	INSTALL POLE		INSTALL TRAFFIC SIGNAL TROMBONE ARM					INSTALL POLE	INSTALL MONOTUBE ARMS	
				TYPE LB-8	TYPE 10-SPECIAL	BREAKAWAY 11 1/2-INCH BOLT CIRCLE	20-FOOT 7 GAUGE	20-FOOT 7 GAUGE (GREEN)	20-FOOT	22-FOOT	25-FOOT	15-FOOT (GREEN)	22-FOOT (GREEN)	TYPE 9-SPECIAL	35-FOOT	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
OSS-1	81+00 'MP'	5.4	RT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 4W-01 & 4W-02
OSS-2	106+65 'MP'	1.3	RT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 6W-01 & 6W-02
OSS-3	135+51 'MP'	2.5	RT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 8W-05 & 8W-06
OSS-4	159+66 'MP'	3.8	LT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 10W-07 & 10W-08
OSS-5	180+99 'MP'	0.3	RT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 11W-06 & 11W-07
OSS-6	197+24 'MP'	2.3	LT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 13W-01 & 13W-02
OSS-7	32+27 'WW'	12.6	RT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 13W-04 & 13W-05
OSS-8	57+29 'WW'	2.2	LT	1	--	1	1	--	1	--	--	--	--	--	--	SIGNS 15W-09 & 15W-10
OSS-9	16+68 'SE'	50.5	RT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 20W-01 & 20W-02
OSS-10	313+00 'UC'	9.3	LT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 21W-01 & 21W-02
OSS-11	365+63 'UC'	2.7	RT	1	--	1	1	--	--	1	--	--	--	--	--	SIGNS 25W-07 & 25W-08
OSS-12	202+59 'JO'	25	RT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 30W-04 & 30W-05
OSS-13	245+38 'JO'	29.7	RT	1	--	1	1	--	--	--	1	--	--	--	--	SIGNS 33W-03 & 33W-04
OSS-14	220+25 'WA'	10.6	RT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 4E-18
OSS-15	225+58 'WA'	5.6	RT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 4E-19
OSS-16	285+41 'WA'	16.3	LT	--	1	--	--	--	--	--	--	--	--	1	1	SIGNS 9E-01, 9E-02 & 9E-03
OSS-17	311+44 'WA'	1.3	LT	1	--	--	--	1	--	--	--	--	1	--	--	SIGNS 10E-12 & 10E-13
OSS-18	322+05 'WA'	3.7	RT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 11E-19
OSS-19	335+60 'WA'	8.4	RT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 12E-15
OSS-20	345+83 'WA'	11.9	RT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 13E-07
OSS-21	356+68 'WA'	2.9	LT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 14E-01
OSS-22	359+47 'WA'	9.4	RT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 14E-03
OSS-23	379+94 'WA'	10.1	RT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 15E-18
OSS-24	381+10 'WA'	1.8	LT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 15E-10
OSS-25	386+11 'WA'	1.5	LT	1	--	--	--	1	--	--	--	1	--	--	--	SIGN 16E-02
OSS-26	400+39 'WA'	6.4	RT	1	--	--	--	1	--	--	--	--	1	--	--	SIGNS 17E-07 & 17E-08
<b>PROJECT TOTALS:</b>				<b>25</b>	<b>1</b>	<b>13</b>	<b>13</b>	<b>12</b>	<b>1</b>	<b>1</b>	<b>11</b>	<b>10</b>	<b>2</b>	<b>1</b>	<b>1</b>	

NOTE: SIGNING QUANTITIES FOUND ELSEWHERE IN MISCELLANEOUS QUANTITIES

Mark	Designed By: AECOM	Scale: NTS
REVISION	Date: 10/12/22	BY

**60631225P**  
**MISCELLANEOUS QUANTITIES**  
**CITY OF MADISON, DANE COUNTY, WI**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**  
**CONTRACT NO: 60631225C**



**60631225P**  
**MQ-OSS1**

**TRAFFIC CONTROL**

SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.08	603.8000	Concrete Barrier Temporary Precast Delivered	LF	6,600
40.08	603.8125	Concrete Barrier Temporary Precast Installed	LF	6,600
40.08	614.0905	Crash Cushions Temporary	EACH	32
40.08	643.0300	Traffic Control Drums	DAY	342
40.08	643.0410	Traffic Control Barricades Type II	DAY	342
40.08	643.0420	Traffic Control Barricades Type III	DAY	342
40.08	643.0705	Traffic Control Warning Lights Type A	DAY	342
40.08	643.0715	Traffic Control Warning Lights Type C	DAY	342
40.08	643.0800	Traffic Control Arrow Boards	DAY	342
40.08	643.0900	Traffic Control Signs	DAY	342
40.08	643.1050	Traffic Control Signs PCMS	DAY	342
40.08	643.5000	Traffic Control	EACH	1
40.08	644.1410	Temporary Pedestrian Surface Asphalt	SF	4,464
40.08	644.1420	Temporary Pedestrian Surface Plywood	SF	4,464
40.08	644.1430	Temporary Pedestrian Surface Plate	SF	4,464
40.08	644.1601	Temporary Pedestrian Curb Ramp	DAY	342
40.08	644.1810	Temporary Pedestrian Barricade	LF	9,300
40.08	649.0105	Temporary Marking Line Paint 4-Inch	LF	338,245
40.08	649.0505	Temporary Marking Arrow Paint	EACH	372
40.08	649.0605	Temporary Marking Word Paint	EACH	636
40.08	649.0805	Temporary Marking Stop Line Paint 18-Inch	LF	2,899



60631225P  
MQ-TC

MISCELLANEOUS QUANTITIES  
BUS RAPID TRANSIT  
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60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

Mark	Designed By	TSI	Scale	NTS
	Date	10/24/2022		
	REVISION			
	BY			