



Department of Public Works
Engineering Division
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Mark D. Moder, P.E.
James M. Wolfe, P.E.

Financial Manager
Steven B. Danner-Rivers

January 4, 2023

NOTICE OF PLAN REVISION
PLAN REVISION NO. 8
CONTRACT NO. 8716

EAST-WEST BUS RAPID TRANSIT IMPROVEMENT

Revise and amend the contract document(s) for the above project as stated in this plan revision, otherwise, the original document shall remain in effect.

SPECIFICATIONS: N/A

PLANS:

REMOVE AND INSERT REVISED PLAN SHEETS AS NOTED BELOW.

Plan Set 1

SHEET CR27-W (REV 12/7/2023): Updated sidewalk limits.

SHEET CR28-W (REV 11/28/2023): Updated sidewalk limits.

SHEET CR29-W (REV 11/28/2023): Updated sidewalk limits.

SHEET CR33-W (REV 12/8/2023): Updated sidewalk limits.

Plan Set 2

SHEET R4-W (REV 12/12/2023): Hydrant relocation work moved to separate project (Widened Sidewalk).

SHEET R10-W (REV 11/28/2023): Updated sidewalk limits.

SHEET P-10W (REV 11/29/2023): Updated sidewalk limits.

SHEET R11-W (REV 12/8/2023): Updated sidewalk limits.

SHEET P-11W (REV 12/8/2023): Updated sidewalk limits.

Plan Set 3

SHEET S-28A (REV 12/4/2023): PTZ camera location clarification.

Plan Set 8

SHEET MR18-E (REV 11/21/2023): Revised pavement marking removal limits.

SHEET MR19-E (REV 11/21/2023): Revised pavement marking removal limits.

SHEET M18-E (REV 11/21/2023): Revised pavement marking.

SHEET M19-E (REV 11/21/2023): Revised pavement marking.

Plan Set 9

SHEET SR18-E (REV 11/4/2023): Revised signing removals.

SHEET SP18-E (REV 11/21/2023): Revised signing.

SHEET SP19-E (REV 11/21/2023): Revised signing.

SHEET PSD-24 (REV 11/21/2023): Revised total estimated quantities table.

SHEET PSD-26 (REV 11/21/2023): Revised layout details.

Plan Set 11

SHEET MQ-5 (REV 12/27/2023): Revised quantities for elimination of hydrant relocation.

SHEET MQ-18 (REV 12/22/2023): Revised quantities for sidewalk extension.

SHEET MQ-19 (REV 12/22/2023): Revised quantities for sidewalk extension.

SHEET MQ-29 (REV 11/29/2023): Revised quantities for University Bay work (see Plan Revision 7).

SHEET MQ-56S (REV 12/4/2023): PTZ camera location clarification.

SHEET MQ-PMR5 (REV 11/21/2023): Revised quantities for pavement marking removals.

SHEET MQ-PML7 (REV 1/3/2024): Revised quantities for pavement marking.

SHEET MQ-PM7S (REV 1/3/2024): Revised quantities for pavement marking.

SHEET MQ-SR16 – MQ-SR18 (REV 11/21/2023): Revised quantities for signing removals.

SHEET MQ-PS19 – MQ-PS21 (REV 1/4/2024): Revised quantities for signing.

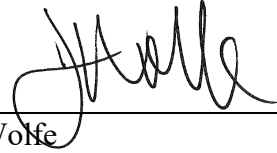
SHEET MQ-OSS1 (REV 11/21/2023): Revised quantities for signing.

PROPOSAL:

Summary of changes to the bid items and quantities are summarized in the table below.

ACTION	ITEM NO.	DESCRIPTION	UNITS	QUANTITY CHANGE
Increase Quantity	204.0155	Removing Concrete Sidewalk	SY	+42
Increase Quantity	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	+15
Increase Quantity	531.2042	Drilling Shaft 42-Inch	LF	+18
Increase Quantity	601.0600	Concrete Curb Pedestrian	LF	+25
Increase Quantity	602.0410	Concrete Sidewalk 5-inch	SF	+928
Increase Quantity	624.0100	Water	MGAL	+0.11
Increase Quantity	634.0811	Posts Tubular Steel 2x2-Inch x 11-FT	EACH	+3
Increase Quantity	637.2210	Signs Type II Reflective H	SF	+27.50
Increase Quantity	637.2220	Signs Type II Reflective SH	SF	+42
Decrease Quantity	638.2102	Moving Signs Type II	EACH	-1
Increase Quantity	646.1020	Marking Line Epoxy 4-Inch	LF	+242
Increase Quantity	646.5020	Marking Arrow Epoxy	EACH	+6
Increase Quantity	646.5120	Marking Word Epoxy	EACH	+6
Increase Quantity	690.0250	Sawing Concrete	LF	+40
Increase Quantity	SPV.0035.003	Red Granite Chips	CY	+1
Increase Quantity	SPV.0060.206	Concrete Bases Type LB-8	EACH	+1
Increase Quantity	SPV.0060.209	Install Pole 20-Foot 7 Gauge	EACH	+1
Increase Quantity	SPV.0060.217	Install Traffic Signal Trombone Arm 20-Foot	EACH	+1
Increase Quantity	SPV.0060.287	Install Monotube Cantilever Type III (3-Sign OSS)	EACH	+1
Decrease Quantity	SPV.0060.609	Relocate Hydrant	EACH	-1
Decrease Quantity	SPV.0090.103	Pavement Marking Epoxy Line 6-Inch	LF	-6
Increase Quantity	SPV.0090.104	Pavement Marking Epoxy Line 8-Inch	LF	+170
Increase Quantity	SPV.0090.109	Marking Removal Longitudinal Line 8-Inch Wide Max	LF	+324

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Wolfe", written over a horizontal line.

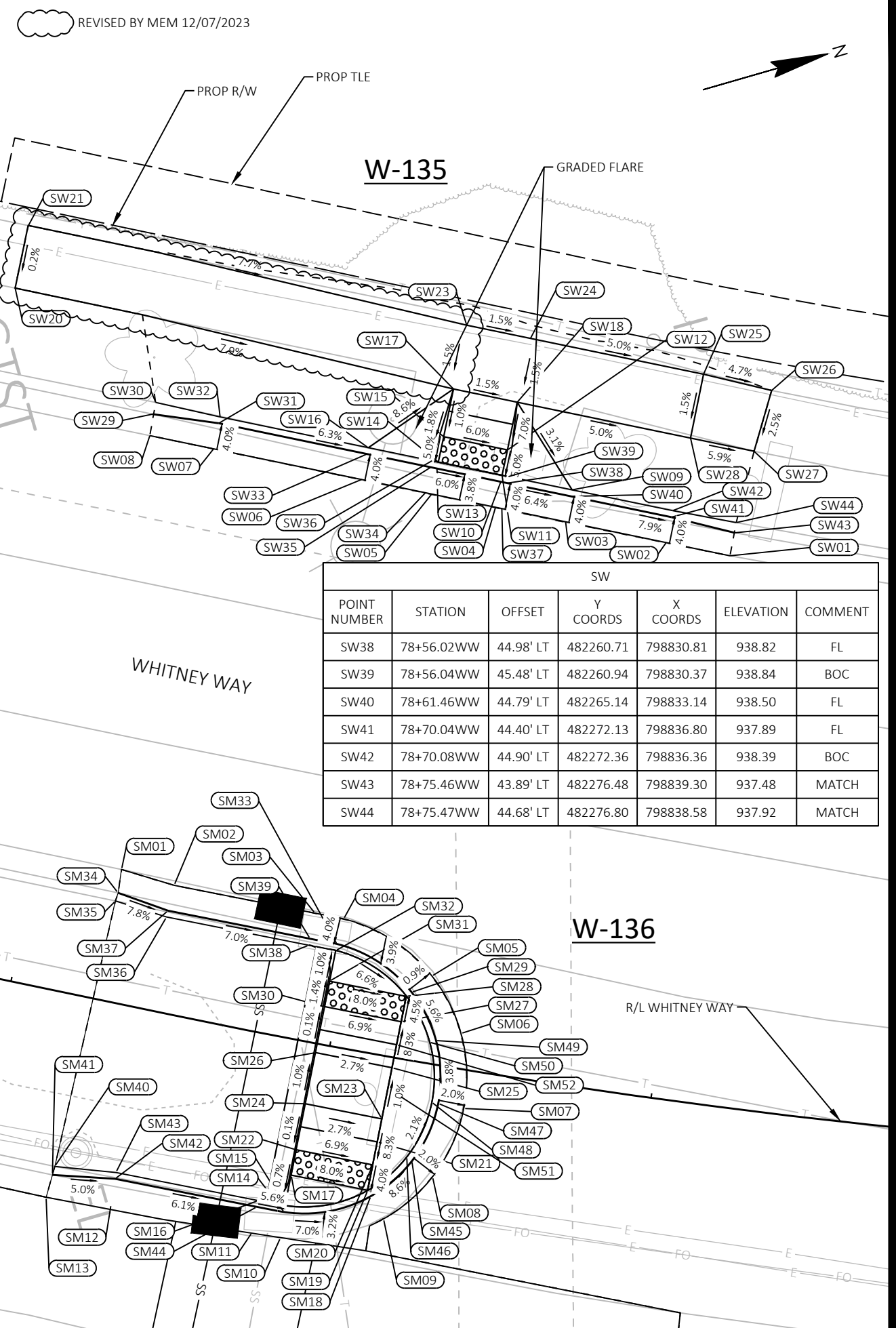
Jim Wolfe
City Engineer

JMW

SM						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SM01	78+31.56WW	10.15' LT	482224.05	798851.20	940.51	MATCH
SM02	78+35.77WW	9.78' LT	482227.60	798853.48	940.19	EOP
SM03	78+46.98WW	9.81' LT	482237.43	798858.53	939.41	EOP
SM04	78+49.25WW	9.78' LT	482239.40	798859.56	939.25	EOP
SM05	78+56.80WW	6.66' LT	482244.71	798865.64	938.71	EOP
SM06	78+59.76WW	2.69' LT	482245.64	798870.49	938.45	EOP
SM07	78+60.92WW	2.96' RT	482244.26	798876.08	938.27	EOP
SM08	78+59.43WW	8.52' RT	482240.52	798880.47	938.37	EOP
SM09	78+56.34WW	12.34' RT	482236.03	798882.54	938.69	EOP
SM10	78+48.97WW	15.19' RT	482227.99	798881.77	939.35	EOP
SM11	78+46.81WW	15.19' RT	482226.01	798880.77	939.45	EOP
SM12	78+36.02WW	15.22' RT	482216.19	798875.73	940.13	EOP
SM13	78+31.03WW	15.68' RT	482211.55	798873.81	940.47	MATCH
SM14	78+48.89WW	13.19' RT	482228.82	798879.94	939.25	FL
SM15	78+48.87WW	12.69' RT	482229.02	798879.49	939.26	BOC
SM16	78+46.82WW	12.69' RT	482227.15	798878.54	939.87	BOC
SM17	78+48.90WW	10.30' RT	482230.11	798877.37	939.27	FOW
SM18	78+55.10WW	10.79' RT	482235.56	798880.59	938.77	FL
SM19	78+54.79WW	10.40' RT	482235.45	798880.11	938.79	BOC
SM20	78+54.83WW	8.40' RT	482236.36	798878.33	938.87	FOW
SM21	78+54.87WW	6.60' RT	482237.19	798876.72	939.02	EOW
SM22	78+48.92WW	8.30' RT	482231.03	798875.59	939.29	EOW
SM23	78+54.91WW	4.80' RT	482238.01	798875.13	939.17	EOW
SM24	78+48.96WW	4.70' RT	482232.67	798872.38	939.29	EOW
SM25	78+54.99WW	0.80' RT	482239.84	798871.56	939.12	EOW
SM26	78+49.00WW	0.70' RT	482234.50	798868.83	939.24	EOW
SM27	78+55.07WW	2.80' LT	482241.48	798868.36	938.82	FOW
SM28	78+55.12WW	4.80' LT	482242.40	798866.59	938.73	BOC
SM29	78+55.45WW	5.17' LT	482242.86	798866.40	938.72	FL
SM30	78+49.04WW	2.90' LT	482236.14	798865.62	939.24	FOW
SM31	78+49.06WW	4.90' LT	482237.06	798863.84	939.21	FOW
SM32	78+49.09WW	7.28' LT	482238.15	798861.72	939.19	BOC
SM33	78+49.12WW	7.78' LT	482238.40	798861.29	939.17	FL
SM34	78+31.68WW	8.34' LT	482223.31	798852.86	940.43	MATCH
SM35	78+31.59WW	7.68' LT	482222.93	798853.40	940.90	MATCH
SM36	78+35.69WW	7.28' LT	482226.37	798855.66	940.61	BOC
SM37	78+35.70WW	7.78' LT	482226.61	798855.23	940.11	FL
SM38	78+46.96WW	7.31' LT	482236.29	798860.75	939.83	BOC
SM39	78+46.96WW	7.81' LT	482236.51	798860.31	939.33	FL
SM40	78+31.20WW	13.22' RT	482212.85	798871.71	940.67	MATCH
SM41	78+31.16WW	13.91' RT	482212.49	798872.30	940.29	MATCH
SM42	78+35.92WW	13.22' RT	482217.03	798873.91	940.05	FL
SM43	78+35.90WW	12.72' RT	482217.24	798873.46	940.55	BOC
SM44	78+46.82WW	13.19' RT	482226.92	798878.99	939.37	FL
SM45	78+57.70WW	7.58' RT	482239.34	798878.85	938.41	FL

SM						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SM46	78+57.26WW	7.34' RT	482239.04	798878.45	938.46	BOC
SM47	78+58.93WW	2.90' RT	482242.48	798875.17	938.31	FL
SM48	78+58.43WW	2.88' RT	482242.04	798874.94	938.36	BOC
SM49	78+57.94WW	1.84' LT	482243.64	798870.47	938.49	FL
SM50	78+57.49WW	1.63' LT	482243.14	798870.46	938.54	BOC
SM51	78+55.95WW	2.82' RT	482239.81	798873.80	938.61	EOW
SM52	78+55.03WW	1.00' LT	482240.66	798869.97	938.97	EOW

SW						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SW01	78+75.32WW	42.09' LT	482275.63	798840.90	937.58	MATCH
SW02	78+69.92WW	42.40' LT	482271.20	798838.58	937.97	EOP
SW03	78+61.37WW	42.79' LT	482264.21	798834.91	938.58	EOP
SW04	78+55.41WW	42.99' LT	482259.34	798832.35	938.93	EOP
SW05	78+49.99WW	43.12' LT	482254.91	798830.03	939.24	EOP
SW06	78+44.02WW	43.21' LT	482250.04	798827.47	939.59	EOP
SW07	78+31.89WW	43.23' LT	482239.75	798822.07	940.32	EOP
SW08	78+26.89WW	43.23' LT	482235.32	798819.75	940.63	MATCH
SW09	78+61.48WW	45.29' LT	482265.37	798832.69	939.00	BOC
SW10	78+55.48WW	44.99' LT	482260.27	798830.58	938.86	FL
SW11	78+55.49WW	45.49' LT	482260.50	798830.14	938.88	BOC
SW12	78+55.56WW	47.49' LT	482261.43	798828.37	938.98	FOW
SW13	78+50.03WW	45.12' LT	482255.84	798828.26	939.16	FL
SW14	78+50.04WW	45.62' LT	482256.07	798827.82	939.18	BOC
SW15	78+50.09WW	47.62' LT	482257.00	798826.04	939.28	FOW
SW16	78+44.05WW	45.71' LT	482251.20	798825.26	940.01	BOC
SW17	78+50.18WW	51.37' LT	482258.74	798822.73	939.32	FOW
SW18	78+55.69WW	51.24' LT	482263.17	798825.05	939.25	FOW
SW20	78+14.44WW	52.21' LT	482228.49	798806.00	942.06	MATCH
SW21	78+14.45WW	57.12' LT	482230.78	798801.66	942.07	MATCH
SW23	78+50.30WW	56.37' LT	482261.07	798818.30	939.40	BOW
SW24	78+55.87WW	56.23' LT	482265.49	798820.62	939.32	BOW
SW25	78+70.98WW	55.61' LT	482277.53	798826.93	938.64	EOW
SW26	78+76.93WW	55.11' LT	482282.21	798829.57	938.39	MATCH
SW27	78+76.15WW	50.30' LT	482279.63	798833.69	938.27	MATCH
SW28	78+70.65WW	50.62' LT	482275.20	798831.36	938.57	EOW
SW29	78+26.76WW	44.88' LT	482235.98	798818.22	940.44	MATCH
SW30	78+26.80WW	45.81' LT	482236.45	798817.43	940.90	MATCH
SW31	78+31.89WW	45.23' LT	482240.68	798820.30	940.24	FL
SW32	78+31.89WW	45.73' LT	482240.91	798819.86	940.74	BOC
SW33	78+44.04WW	45.21' LT	482250.97	798825.70	939.51	FL
SW34	78+49.44WW	43.13' LT	482254.47	798829.80	939.28	EOP
SW35	78+49.49WW	45.13' LT	482255.40	798828.03	939.20	FL
SW36	78+49.50WW	45.63' LT	482255.63	798827.58	939.22	BOC
SW37	78+55.95WW	42.98' LT	482259.78	798832.58	938.90	EOP



SW						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SW38	78+56.02WW	44.98' LT	482260.71	798830.81	938.82	FL
SW39	78+56.04WW	45.48' LT	482260.94	798830.37	938.84	BOC
SW40	78+61.46WW	44.79' LT	482265.14	798833.14	938.50	FL
SW41	78+70.04WW	44.40' LT	482272.13	798836.80	937.89	FL
SW42	78+70.08WW	44.90' LT	482272.36	798836.36	938.39	BOC
SW43	78+75.46WW	43.89' LT	482276.48	798839.30	937.48	MATCH
SW44	78+75.47WW	44.68' LT	482276.80	798838.58	937.92	MATCH

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

CURB RAMP DETAILS: SHEBOYGAN AVE

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CR27-W

FILE NAME: C:\P\WORKING\AECOM_DSS20_NA_2019\MEGHAN.MCCARTHY@AECOM.COM\DM566348\021303-CR.DWG

LAYOUT NAME: SW

LAST PLOT DATE: 2023-12-07

PLAN REVISION 8

REVISION

DATE: 2023-12-07

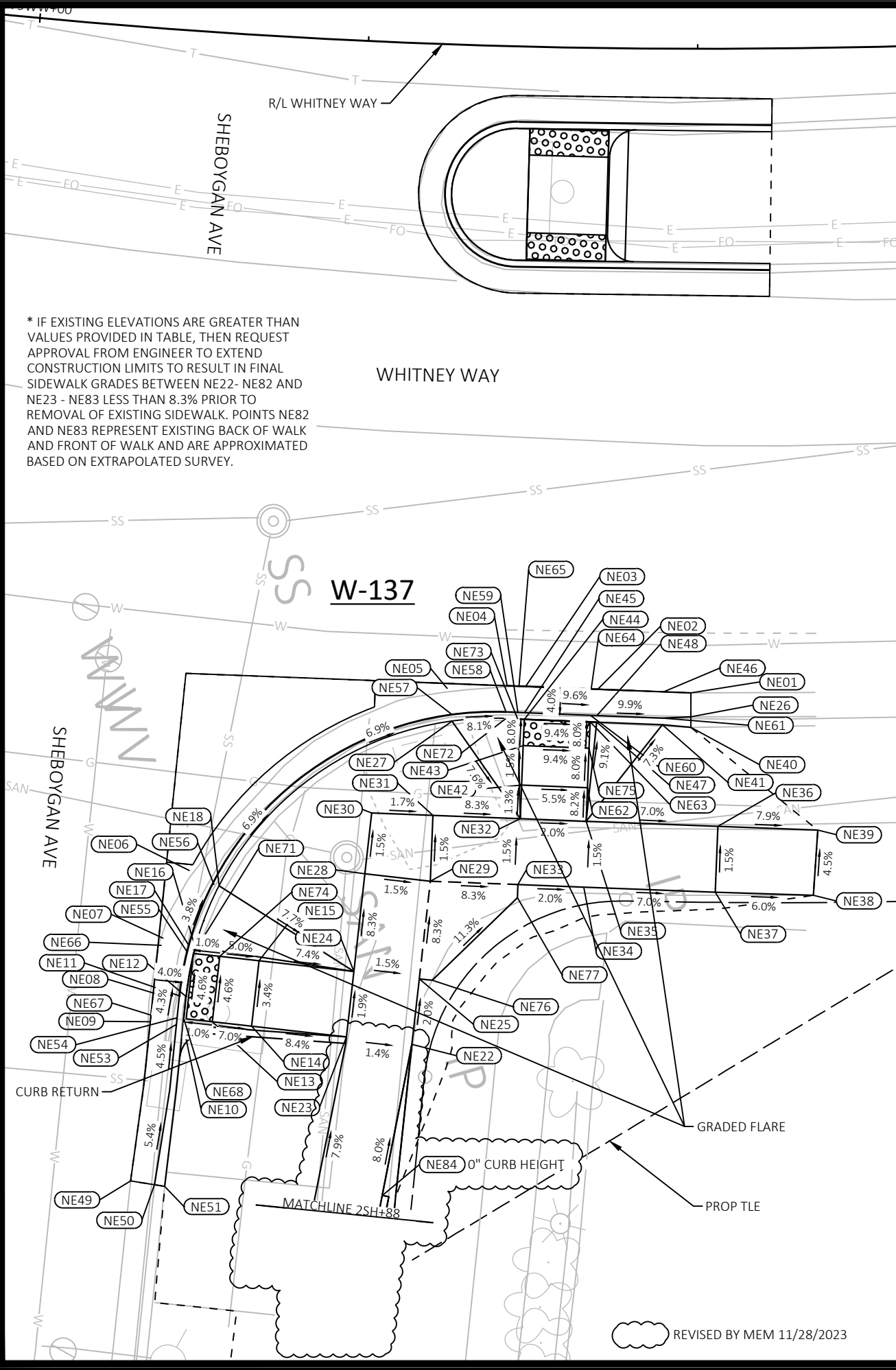
Scale:

MARK

DESIGNED BY: AECOM

DATE: 2023-12-07

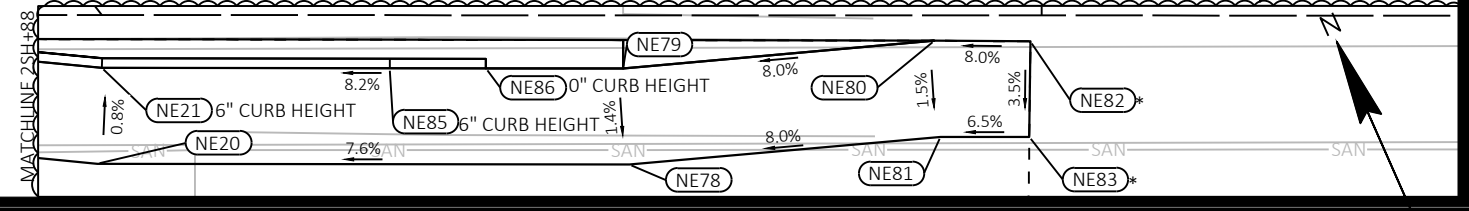
60631225P



* IF EXISTING ELEVATIONS ARE GREATER THAN VALUES PROVIDED IN TABLE, THEN REQUEST APPROVAL FROM ENGINEER TO EXTEND CONSTRUCTION LIMITS TO RESULT IN FINAL SIDEWALK GRADES BETWEEN NE22- NE82 AND NE23 - NE83 LESS THAN 8.3% PRIOR TO REMOVAL OF EXISTING SIDEWALK. POINTS NE82 AND NE83 REPRESENT EXISTING BACK OF WALK AND FRONT OF WALK AND ARE APPROXIMATED BASED ON EXTRAPOLATED SURVEY.

NE						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
NE01	79+49.57WW	48.89' RT	482314.81	798951.70	931.93	MATCH
NE02	79+43.09WW	48.68' RT	482308.11	798949.50	932.64	EOP
NE03	79+38.03WW	48.57' RT	482302.88	798947.78	933.16	EOP
NE04	79+36.75WW	48.55' RT	482301.55	798947.34	933.27	EOP
NE05	79+32.60WW	48.90' RT	482297.14	798946.31	933.61	EOP
NE06	79+15.48WW	63.65' RT	482274.53	798954.21	935.18	EOP
NE07	79+13.99WW	68.91' RT	482271.19	798958.60	935.37	EOP
NE08	79+13.56WW	73.10' RT	482269.30	798962.38	935.54	EOP
NE09	79+13.49WW	75.29' RT	482268.49	798964.41	935.63	EOP
NE10	79+15.69WW	75.38' RT	482270.81	798965.34	935.57	BOC
NE11	79+15.32WW	73.18' RT	482271.16	798963.12	935.46	FL
NE12	79+15.76WW	73.20' RT	482271.63	798963.31	935.48	BOC
NE13	79+17.62WW	74.99' RT	482273.02	798965.71	935.58	FOW
NE14	79+20.26WW	75.16' RT	482275.79	798966.85	935.37	FOW
NE15	79+20.51WW	70.17' RT	482277.70	798962.23	935.20	FOW
NE16	79+16.17WW	69.41' RT	482273.33	798959.89	935.31	BOC
NE17	79+15.73WW	69.31' RT	482272.90	798959.64	935.29	FL
NE18	79+17.52WW	64.65' RT	482276.35	798955.92	935.60	BOC
NE20	79+24.49WW	91.97' RT	482274.95	798984.34	936.07	FOW
NE21	79+28.76WW	92.49' RT	482279.51	798986.41	936.03	BOW
NE22	79+31.00WW	75.98' RT	482287.11	798971.52	934.69	EOW
NE23	79+26.62WW	75.61' RT	482282.49	798969.62	934.76	EOW
NE24	79+26.93WW	70.63' RT	482284.40	798965.00	934.66	FOW
NE25	79+31.34WW	70.99' RT	482289.02	798966.90	934.59	BOW
NE26	79+49.58WW	50.72' RT	482314.32	798953.46	931.78	MATCH
NE27	79+32.98WW	51.36' RT	482296.78	798948.78	934.03	FOW
NE28	79+27.39WW	63.18' RT	482287.24	798958.10	934.04	EOW
NE29	79+31.86WW	63.55' RT	482291.86	798960.01	933.97	LANDING
NE30	79+27.68WW	58.55' RT	482289.01	798953.81	933.97	BOW
NE31	79+31.88WW	58.55' RT	482293.42	798955.26	933.89	EOW
NE32	79+37.89WW	58.62' RT	482299.74	798957.33	933.34	FOW
NE33	79+37.82WW	63.62' RT	482298.18	798962.08	933.41	BOW
NE34	79+42.30WW	63.71' RT	482302.93	798963.64	933.31	BOW
NE35	79+42.41WW	58.72' RT	482304.49	798958.89	933.24	FOW
NE36	79+51.44WW	59.03' RT	482313.99	798962.01	932.54	EOW
NE37	79+51.26WW	64.03' RT	482312.44	798966.76	932.61	EOW
NE38	79+57.92WW	64.32' RT	482319.52	798969.04	932.17	MATCH
NE39	79+58.29WW	59.38' RT	482321.21	798964.38	931.94	MATCH
NE40	79+49.58WW	51.52' RT	482314.09	798954.22	932.28	MATCH
NE41	79+47.60WW	51.32' RT	482312.08	798953.43	932.56	EOW
NE42	79+37.93WW	56.07' RT	482300.54	798954.91	933.31	EOW

NE						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
NE43	79+37.97WW	53.07' RT	482301.48	798952.06	933.26	FOW
NE44	79+38.00WW	51.07' RT	482302.10	798950.15	933.10	BOC
NE45	79+38.00WW	50.57' RT	482302.26	798949.68	933.08	FL
NE46	79+47.68WW	48.82' RT	482312.86	798951.06	932.14	FOW
NE47	79+43.03WW	51.18' RT	482307.33	798951.87	932.58	BOC
NE48	79+43.04WW	50.68' RT	482307.48	798951.40	932.56	FL
NE49	79+12.90WW	87.45' RT	482263.72	798975.62	936.27	MATCH
NE50	79+14.49WW	87.60' RT	482265.40	798976.38	936.17	MATCH
NE51	79+15.16WW	87.69' RT	482266.10	798976.73	936.63	MATCH
NE53	79+15.25WW	75.36' RT	482270.35	798965.16	935.55	MATCH
NE54	79+15.27WW	74.86' RT	482270.53	798964.69	935.53	FL
NE55	79+15.65WW	69.81' RT	482272.64	798960.08	935.31	FL
NE56	79+17.12WW	64.45' RT	482275.98	798955.58	935.10	FL
NE57	79+32.91WW	50.87' RT	482296.85	798948.29	933.53	FL
NE58	79+36.73WW	50.55' RT	482300.93	798949.24	933.19	FL
NE59	79+37.55WW	50.56' RT	482301.78	798949.52	933.12	FL
NE60	79+42.58WW	50.66' RT	482307.01	798951.24	932.61	FL
NE61	79+47.62WW	50.82' RT	482312.23	798952.96	932.06	FL
NE62	79+42.46WW	56.16' RT	482305.29	798956.47	933.03	EOW
NE63	79+42.57WW	51.16' RT	482306.85	798951.72	932.63	BOC
NE64	79+42.63WW	48.67' RT	482307.63	798949.34	932.69	EOP
NE65	79+37.57WW	48.56' RT	482302.40	798947.62	933.20	EOP
NE66	79+13.90WW	69.45' RT	482270.91	798959.08	935.39	EOP
NE67	79+13.51WW	74.79' RT	482268.68	798963.95	935.61	EOP
NE68	79+15.71WW	74.88' RT	482271.00	798964.88	935.55	BOC
NE71	79+16.08WW	69.90' RT	482273.07	798960.33	935.33	BOC
NE72	79+36.72WW	51.05' RT	482300.77	798949.72	933.30	BOC
NE73	79+37.54WW	51.06' RT	482301.62	798950.00	933.14	BOC
NE74	79+17.86WW	70.00' RT	482274.92	798961.09	935.35	EOW
NE75	79+42.53WW	53.16' RT	482306.23	798953.62	932.79	EOW
NE76	79+32.23WW	71.07' RT	482289.94	798967.28	934.84	BOW
NE77	79+37.81WW	64.62' RT	482297.87	798963.03	933.66	BOW
NE78	79+23.26WW	119.64' RT	482264.66	799010.07	938.17	FOW
NE79	79+27.37WW	119.58' RT	482269.42	799011.61	938.24	BOW
NE80	79+27.78WW	135.86' RT	482264.76	799027.21	939.55	FOW
NE81	79+23.76WW	135.90' RT	482260.00	799025.66	939.47	BOW
NE82	79+27.52WW	140.85' RT	482262.88	799031.84	939.95*	BOW
NE83	79+23.57WW	140.51' RT	482258.29	799029.95	939.77*	BOW
NE84	79+29.42WW	87.53' RT	482281.79	798981.94	935.63	BOW
NE85	79+27.98WW	107.46' RT	482273.93	799000.34	937.25	BOW
NE86	79+27.72WW	112.45' RT	482272.07	799004.98	937.66	BOW



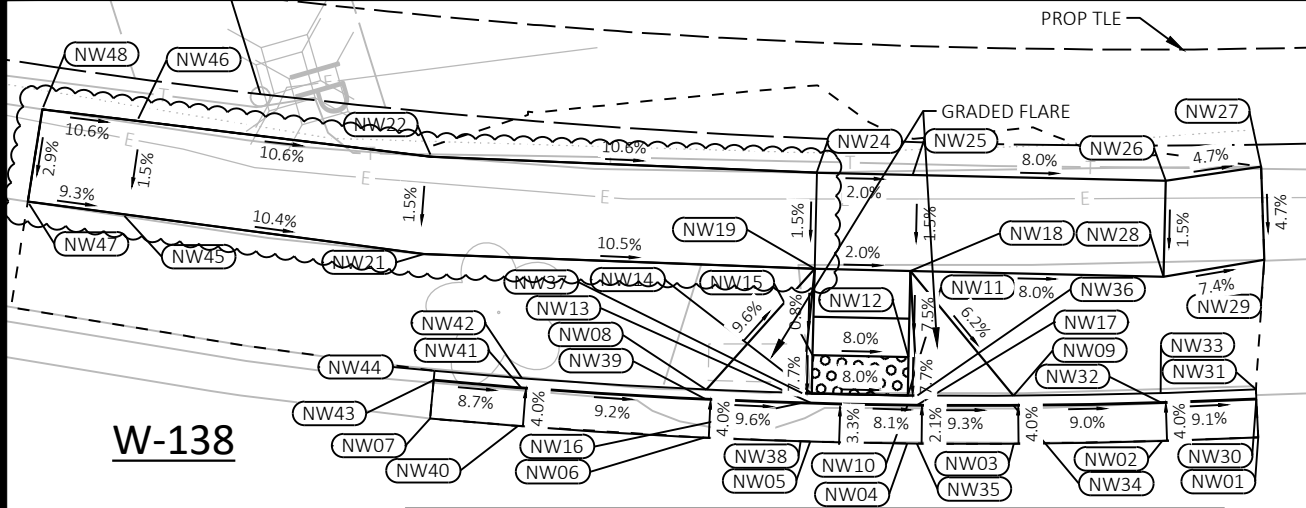
REVISED BY MEM 11/28/2023

PLAN REVISION 8
 REVISION DATE: 11/28/23
 MEM BY: 11/28/23
 Scale: 1"=40'
 Designed By: AECOM Date: 2023-12-28
 60631225P

CURB RAMP DETAILS: SHEBOYGAN AVE
 BUS RAPID TRANSIT
 CITY OF MADISON
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

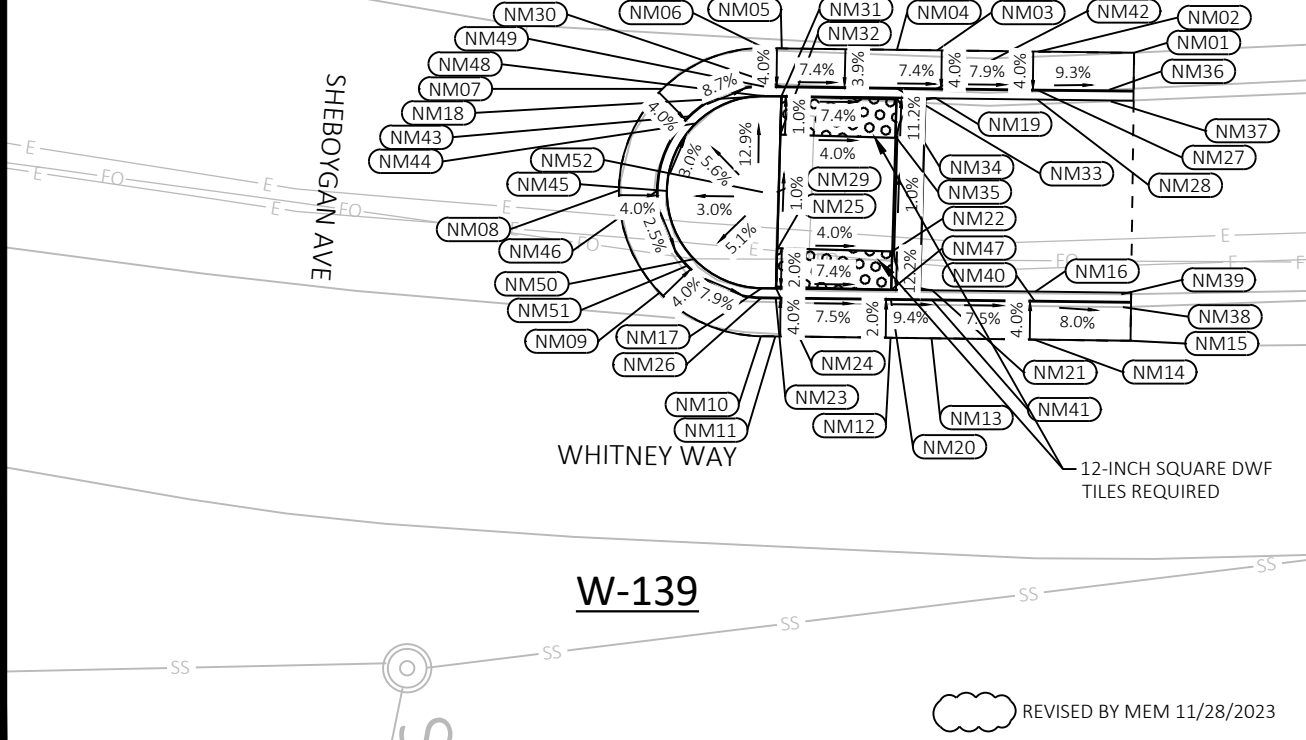
60631225P
 CR28-W

FILE NAME: C:\P\WORKING\AECOM_Ds20_NA_2019\MEGHAN.MCCARTHY@AECOM.COM\DM586348\021303-CR.DWG
 LAYOUT NAME: NE
 LAST PLOT DATE: 2023-12-28



NW						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
NW01	79+63.00WW	39.85' LT	482351.42	798869.73	930.65	MATCH
NW02	79+57.61WW	39.74' LT	482346.56	798868.55	931.10	EOP
NW03	79+49.27WW	39.64' LT	482339.08	798866.56	931.79	EOP
NW04	79+43.29WW	39.61' LT	482333.75	798865.01	932.26	EOP
NW05	79+37.86WW	39.62' LT	482328.94	798863.53	932.69	EOP
NW06	79+31.88WW	39.67' LT	482323.67	798861.81	933.22	EOP
NW07	79+16.47WW	39.97' LT	482310.23	798856.92	934.50	MATCH
NW08	79+31.92WW	42.17' LT	482324.46	798859.44	933.64	BOC
NW09	79+49.24WW	42.14' LT	482339.75	798864.15	932.21	BOC
NW10	79+43.29WW	41.61' LT	482334.33	798863.10	932.22	FL
NW11	79+43.29WW	42.11' LT	482334.47	798862.62	932.24	BOC
NW12	79+43.31WW	44.11' LT	482335.06	798860.71	932.39	FOW
NW13	79+37.87WW	41.62' LT	482329.54	798861.62	932.62	FL
NW14	79+37.87WW	42.12' LT	482329.69	798861.15	932.64	BOC
NW15	79+37.87WW	44.12' LT	482330.29	798859.24	932.79	FOW
NW16	79+37.33WW	41.62' LT	482329.06	798861.47	932.66	FL
NW17	79+43.83WW	41.61' LT	482334.81	798863.24	932.18	FL
NW18	79+43.35WW	48.60' LT	482336.40	798856.42	932.73	FOW
NW19	79+37.87WW	48.62' LT	482331.62	798854.94	932.83	FOW
NW21	79+15.54WW	48.50' LT	482312.28	798848.60	934.96	FOW
NW22	79+15.60WW	53.58' LT	482314.04	798843.84	935.04	BOW
NW24	79+37.87WW	53.62' LT	482333.11	798850.17	932.90	BOW
NW25	79+43.41WW	53.60' LT	482337.88	798851.65	932.80	BOW
NW26	79+58.00WW	53.30' LT	482350.46	798855.56	931.75	EOW
NW27	79+63.52WW	53.94' LT	482355.44	798856.22	931.51	MATCH
NW28	79+57.80WW	48.30' LT	482348.98	798860.34	931.67	EOW
NW29	79+63.57WW	49.08' LT	482354.26	798860.94	931.28	MATCH
NW30	79+62.94WW	41.85' LT	482351.87	798867.79	930.57	MATCH
NW31	79+62.93WW	42.35' LT	482351.99	798867.30	931.07	MATCH
NW32	79+57.57WW	41.74' LT	482347.05	798866.61	931.02	FL
NW33	79+57.56WW	42.24' LT	482347.17	798866.12	931.52	BOC

NW						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
NW34	79+49.25WW	41.64' LT	482339.62	798864.63	931.71	FL
NW35	79+43.83WW	39.61' LT	482334.24	798865.16	932.22	EOP
NW36	79+43.83WW	42.11' LT	482334.95	798862.76	932.20	BOC
NW37	79+37.33WW	42.12' LT	482329.21	798860.99	932.68	BOC
NW38	79+37.32WW	39.62' LT	482328.46	798863.38	932.74	EOP
NW39	79+31.91WW	41.67' LT	482324.30	798859.91	933.14	FL
NW40	79+21.43WW	39.85' LT	482314.53	798858.56	934.11	EOP
NW41	79+21.49WW	41.85' LT	482315.23	798856.69	934.03	FL
NW42	79+21.50WW	42.35' LT	482315.40	798856.22	934.53	BOC
NW43	79+16.54WW	41.97' LT	482310.95	798855.06	934.42	MATCH
NW44	79+16.55WW	42.47' LT	482311.13	798854.59	934.92	MATCH
NW45	78+98.20WW	49.32' LT	482297.78	798842.29	936.61	MATCH
NW46	78+98.51WW	54.23' LT	482299.82	798837.82	936.68	MATCH
NW47	78+92.71WW	49.48' LT	482293.19	798840.30	937.07	MATCH
NW48	78+92.99WW	54.34' LT	482295.24	798835.88	937.21	MATCH



NM						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
NM41	79+45.27WW	16.69' RT	482319.49	798919.52	931.85	FL
NM42	79+45.39WW	5.69' RT	482322.74	798909.01	931.85	FL
NM43	79+32.70WW	7.41' RT	482309.96	798906.85	932.88	FL
NM44	79+33.06WW	7.76' RT	482310.20	798907.29	932.93	BOC
NM45	79+31.69WW	11.32' RT	482307.78	798910.26	933.06	BOC
NM46	79+31.20WW	11.33' RT	482307.30	798910.11	933.01	FL
NM47	79+43.20WW	16.19' RT	482317.59	798918.42	932.07	BOC
NM48	79+36.52WW	6.24' RT	482314.00	798906.91	932.56	BOC
NM49	79+36.52WW	5.74' RT	482314.15	798906.43	932.51	FL
NM50	79+33.19WW	14.83' RT	482308.16	798914.06	932.95	BOC
NM51	79+32.85WW	15.19' RT	482307.72	798914.30	932.90	FL
NM52	79+36.59WW	11.24' RT	482312.57	798911.70	933.21	EOW

NM						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
NM01	79+55.60WW	3.82' RT	482333.15	798910.05	931.09	MATCH
NM02	79+50.64WW	3.74' RT	482328.36	798908.61	931.51	EOP
NM03	79+45.40WW	3.69' RT	482323.31	798907.09	931.93	EOP
NM04	79+43.34WW	3.69' RT	482321.33	798906.50	932.09	EOP
NM05	79+37.38WW	3.73' RT	482315.58	798904.77	932.53	EOP
NM06	79+36.49WW	3.74' RT	482314.72	798904.51	932.59	EOP
NM07	79+31.27WW	6.03' RT	482309.01	798905.09	932.96	EOP
NM08	79+29.24WW	11.38' RT	482305.38	798909.54	933.09	EOP
NM09	79+31.50WW	16.63' RT	482305.96	798915.25	932.98	EOP
NM10	79+36.68WW	18.74' RT	482310.41	798918.88	932.65	EOP
NM11	79+37.40WW	18.73' RT	482311.12	798919.09	932.58	EOP
NM12	79+43.20WW	18.69' RT	482316.87	798920.82	932.09	EOP
NM13	79+45.26WW	18.69' RT	482318.91	798921.43	931.93	EOP
NM14	79+50.45WW	18.74' RT	482324.05	798922.97	931.53	EOP
NM15	79+55.29WW	18.82' RT	482328.84	798924.41	931.15	MATCH
NM16	79+50.48WW	16.24' RT	482324.77	798920.58	931.95	BOC
NM17	79+36.65WW	16.24' RT	482311.13	798916.48	932.62	BOC
NM18	79+36.52WW	6.24' RT	482314.00	798906.91	932.56	BOC
NM19	79+45.39WW	6.19' RT	482322.59	798909.49	932.35	BOC
NM20	79+43.20WW	16.69' RT	482317.45	798918.90	932.05	FL
NM21	79+45.27WW	16.19' RT	482319.63	798919.04	932.35	BOC
NM22	79+43.23WW	14.19' RT	482318.19	798916.52	932.31	FOW
NM23	79+37.38WW	16.73' RT	482311.70	798917.18	932.50	FL
NM24	79+37.37WW	16.23' RT	482311.84	798916.70	932.51	BOC
NM25	79+37.38WW	14.23' RT	482312.45	798914.79	932.55	FOW
NM26	79+36.65WW	16.74' RT	482310.98	798916.96	932.57	FL
NM27	79+50.61WW	5.74' RT	482327.79	798910.52	931.43	FL
NM28	79+50.61WW	6.24' RT	482327.65	798911.00	931.93	BOC
NM29	79+37.29WW	11.23' RT	482313.26	798911.90	933.15	EOW
NM30	79+37.41WW	5.73' RT	482315.01	798906.69	932.45	FL
NM31	79+37.41WW	6.23' RT	482314.86	798907.17	932.47	BOC
NM32	79+37.40WW	8.23' RT	482314.26	798909.07	932.49	FOW
NM33	79+43.35WW	5.69' RT	482320.76	798908.41	932.01	FL
NM34	79+43.35WW	6.19' RT	482320.61	798908.89	932.03	BOC
NM35	79+43.32WW	8.19' RT	482320.01	798910.80	932.25	FOW
NM36	79+54.30WW	5.74' RT	482331.37	798911.54	931.09	MATCH
NM37	79+54.38WW	6.35' RT	482331.28	798912.14	931.54	MATCH
NM38	79+54.91WW	17.06' RT	482328.94	798922.61	931.08	MATCH
NM39	79+54.84WW	16.40' RT	482329.04	798921.96	931.47	MATCH
NM40	79+50.48WW	16.74' RT	482324.63	798921.06	931.45	FL

CITY OF MADISON

CURB RAMP DETAILS: SHEBOYGAN AVE

BUS RAPID TRANSIT

CONTRACT NO: 60631225C

60631225P

CR29-W

PLAN REVISION 8
 REVISION
 MARK
 Designed By: AECOM Date: 2023-12-15
 Scale:
 12/07/23 MEM
 DATE BY

FILE NAME: C:\P\WORKING\AECOM_Ds20_NA_2015\MEGHAN.MCCARTHY@AECOM.COM\DM566348\021303-CR.DWG
 LAYOUT NAME: NW
 LAST PLOT DATE: 2023-12-15

REVISED BY MEM 11/28/2023



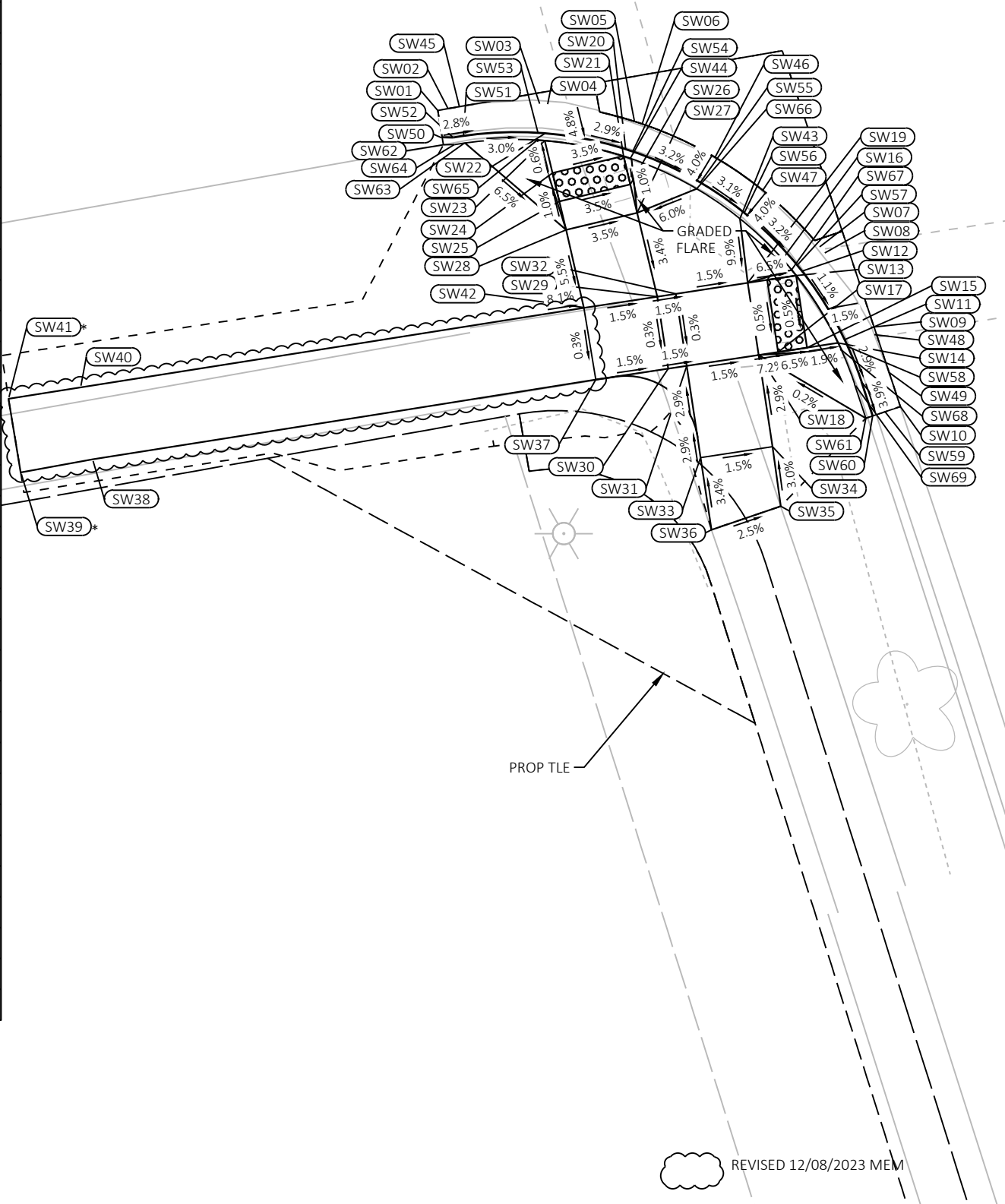
11SH+00

R/L SHEBOYGAN AVENUE

W-143

SW							SW						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT	POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SW01	10+91.84SH	19.93' RT	482160.03	799748.27	943.95	MATCH	SW37	10+99.30SH	39.99' RT	482141.57	799759.10	943.42	BOW
SW02	10+92.56SH	19.93' RT	482160.16	799748.98	943.93	EOP	SW38	10+64.37SH	39.38' RT	482136.11	799724.60	946.33	EOW
SW03	10+98.80SH	20.68' RT	482160.50	799755.26	943.76	EOP	SW39	10+59.37SH	39.41' RT	482135.21	799719.68	946.75*	EOW
SW04	10+99.34SH	20.82' RT	482160.46	799755.81	943.74	EOP	SW40	10+64.42SH	34.38' RT	482141.04	799723.78	946.31	EOW
SW05	11+04.99SH	23.01' RT	482159.29	799761.76	943.58	EOP	SW41	10+59.42SH	34.29' RT	482140.26	799718.84	946.72*	EOW
SW06	11+05.48SH	23.27' RT	482159.12	799762.28	943.56	EOP	SW42	10+99.42SH	34.99' RT	482146.51	799758.35	943.43	FOW
SW07	11+16.00SH	33.68' RT	482150.69	799774.46	943.12	EOP	SW43	11+10.94SH	30.83' RT	482152.62	799768.98	943.71	BOC
SW08	11+16.27SH	34.17' RT	482150.26	799774.80	943.11	EOP	SW44	11+04.27SH	25.46' RT	482156.75	799761.47	943.50	BOC
SW09	11+18.50SH	39.73' RT	482145.16	799777.96	942.99	EOP	SW45	10+93.35SH	19.95' RT	482160.28	799749.76	943.91	EOP
SW10	11+19.55SH	45.44' RT	482139.72	799779.99	942.85	MATCH	SW46	11+10.00SH	26.39' RT	482156.82	799767.28	943.40	EOP
SW11	11+16.57SH	40.27' RT	482144.30	799776.16	942.96	FL	SW47	11+12.83SH	29.19' RT	482154.56	799770.55	943.29	EOP
SW12	11+14.50SH	35.11' RT	482149.02	799773.23	943.03	FL	SW48	11+18.64SH	40.26' RT	482144.66	799778.20	942.98	EOP
SW13	11+14.06SH	35.35' RT	482148.71	799772.84	943.05	BOC	SW49	11+19.19SH	43.01' RT	482142.06	799779.21	942.94	EOP
SW14	11+16.09SH	40.40' RT	482144.09	799775.71	942.98	BOC	SW50	10+91.76SH	21.81' RT	482158.16	799748.52	943.88	MATCH
SW15	11+13.94SH	40.35' RT	482143.77	799773.59	943.02	FOW	SW51	10+93.29SH	21.94' RT	482158.30	799750.05	943.83	FL
SW16	11+12.06SH	35.30' RT	482148.41	799770.86	943.18	FOW	SW52	10+92.55SH	21.93' RT	482158.19	799749.32	943.85	FL
SW17	11+11.94SH	40.30' RT	482143.47	799771.61	943.15	FOW	SW53	10+98.33SH	22.63' RT	482158.51	799755.13	943.68	FL
SW18	11+10.59SH	40.27' RT	482143.26	799770.27	943.25	FOW	SW54	11+04.51SH	25.02' RT	482157.22	799761.64	943.48	FL
SW19	11+10.71SH	35.27' RT	482148.21	799769.52	943.27	FOW	SW55	11+08.70SH	27.91' RT	482155.10	799766.27	943.32	FL
SW20	11+04.06SH	24.78' RT	482157.38	799761.15	943.50	FL	SW56	11+11.32SH	30.50' RT	482153.00	799769.29	943.21	FL
SW21	11+03.83SH	25.22' RT	482156.90	799761.00	943.52	BOC	SW57	11+14.26SH	34.66' RT	482149.42	799772.91	943.04	FL
SW22	10+98.83SH	22.75' RT	482158.47	799755.64	943.66	FL	SW58	11+16.70SH	40.76' RT	482143.84	799776.37	942.94	FL
SW23	10+98.70SH	23.24' RT	482157.97	799755.60	943.68	BOC	SW59	11+17.21SH	43.30' RT	482141.43	799777.32	942.86	FL
SW24	10+98.84SH	25.53' RT	482155.74	799756.14	943.69	FOW	SW60	11+17.57SH	45.73' RT	482139.09	799778.09	942.77	MATCH
SW25	10+98.96SH	27.52' RT	482153.79	799756.60	943.71	FOW	SW61	11+17.07SH	45.81' RT	482138.94	799777.62	943.27	MATCH
SW26	11+03.95SH	27.22' RT	482154.96	799761.47	943.54	FOW	SW62	10+91.80SH	22.32' RT	482157.67	799748.65	944.32	MATCH
SW27	11+04.07SH	29.21' RT	482153.02	799761.93	943.56	EOW	SW63	10+93.27SH	22.44' RT	482157.81	799750.12	944.33	BOC
SW28	10+99.08SH	29.52' RT	482151.85	799757.07	943.73	EOW	SW64	10+92.55SH	22.43' RT	482157.69	799749.41	944.35	BOC
SW29	11+04.43SH	35.12' RT	482147.27	799763.31	943.36	FOW	SW65	10+98.22SH	23.11' RT	482158.01	799755.10	943.70	BOC
SW30	11+04.31SH	40.11' RT	482142.32	799764.06	943.34	BOW	SW66	11+08.38SH	28.29' RT	482154.67	799766.01	943.82	BOC
SW31	11+05.59SH	40.14' RT	482142.52	799765.33	943.33	BOW	SW67	11+13.82SH	34.91' RT	482149.10	799772.52	943.06	BOC
SW32	11+05.72SH	35.15' RT	482147.46	799764.58	943.34	BOW	SW68	11+16.22SH	40.88' RT	482143.64	799775.92	942.92	BOC
SW33	11+05.44SH	46.50' RT	482136.23	799766.28	943.51	EOW	SW69	11+16.72SH	43.37' RT	482141.27	799776.84	943.10	BOC
SW34	11+10.44SH	46.62' RT	482136.98	799771.23	943.43	EOW							
SW35	11+10.28SH	50.74' RT	482132.90	799771.78	943.56	MATCH							
SW36	11+05.32SH	51.50' RT	482131.28	799767.03	943.68	MATCH							

* IF EXISTING ELEVATIONS ARE GREATER THAN VALUES PROVIDED IN TABLE, THEN REQUEST APPROVAL FROM ENGINEER TO EXTEND CONSTRUCTION LIMITS TO RESULT IN FINAL SIDEWALK GRADES BETWEEN SW40 - SW42 AND SW37 - SW39 LESS THAN 8.3% PRIOR TO REMOVAL OF EXISTING SIDEWALK. POINTS NE39 AND NE41 REPRESENT EXISTING BACK OF WALK AND FRONT OF WALK AND ARE APPROXIMATED BASED ON EXTRAPOLATED SURVEY.



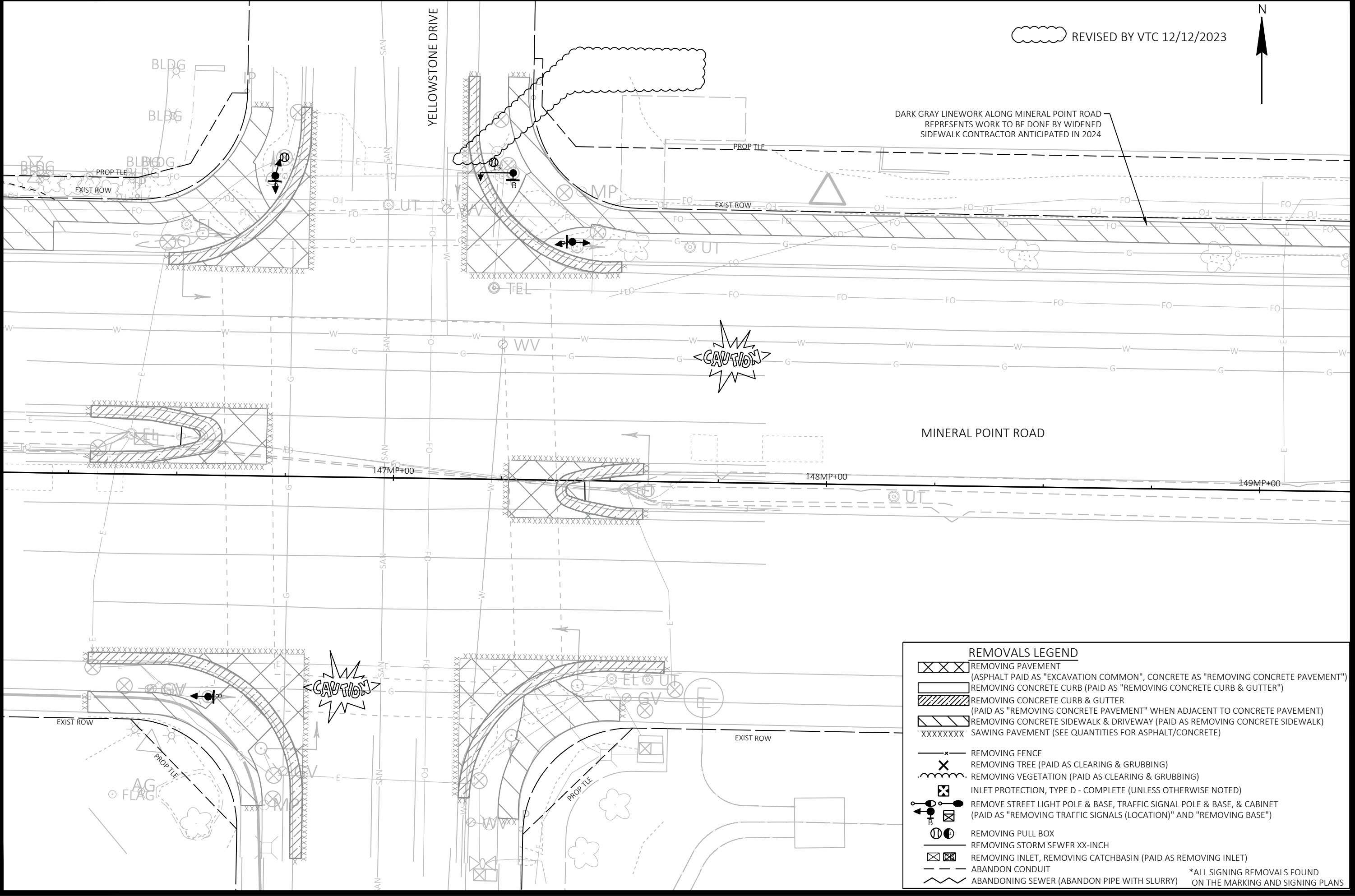
REVISED 12/08/2023 MEM

PLAN REVISION 8	12/08/23 MEM
REVISION	DATE
MARK	BY
Designed By: AECOM	Date: 2023-12-28
60631225P	Scale: 1 IN=10 FT

60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 CURB RAMP DETAILS: EAU CLAIRE AVE
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 CR33-W



REVISOR: VTC 12/12/2023



DARK GRAY LINEWORK ALONG MINERAL POINT ROAD REPRESENTS WORK TO BE DONE BY WIDENED SIDEWALK CONTRACTOR ANTICIPATED IN 2024



REMOVALS LEGEND	
	REMOVING PAVEMENT (ASPHALT PAID AS "EXCAVATION COMMON", CONCRETE AS "REMOVING CONCRETE PAVEMENT")
	REMOVING CONCRETE CURB (PAID AS "REMOVING CONCRETE CURB & GUTTER")
	REMOVING CONCRETE CURB & GUTTER (PAID AS "REMOVING CONCRETE PAVEMENT" WHEN ADJACENT TO CONCRETE PAVEMENT)
	REMOVING CONCRETE SIDEWALK & DRIVEWAY (PAID AS REMOVING CONCRETE SIDEWALK)
	SAWING PAVEMENT (SEE QUANTITIES FOR ASPHALT/CONCRETE)
	REMOVING FENCE
	REMOVING TREE (PAID AS CLEARING & GRUBBING)
	REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
	INLET PROTECTION, TYPE D - COMPLETE (UNLESS OTHERWISE NOTED)
	REMOVE STREET LIGHT POLE & BASE, TRAFFIC SIGNAL POLE & BASE, & CABINET (PAID AS "REMOVING TRAFFIC SIGNALS (LOCATION)" AND "REMOVING BASE")
	REMOVING PULL BOX
	REMOVING STORM SEWER XX-INCH
	REMOVING INLET, REMOVING CATCHBASIN (PAID AS REMOVING INLET)
	ABANDON CONDUIT
	ABANDONING SEWER (ABANDON PIPE WITH SLURRY)

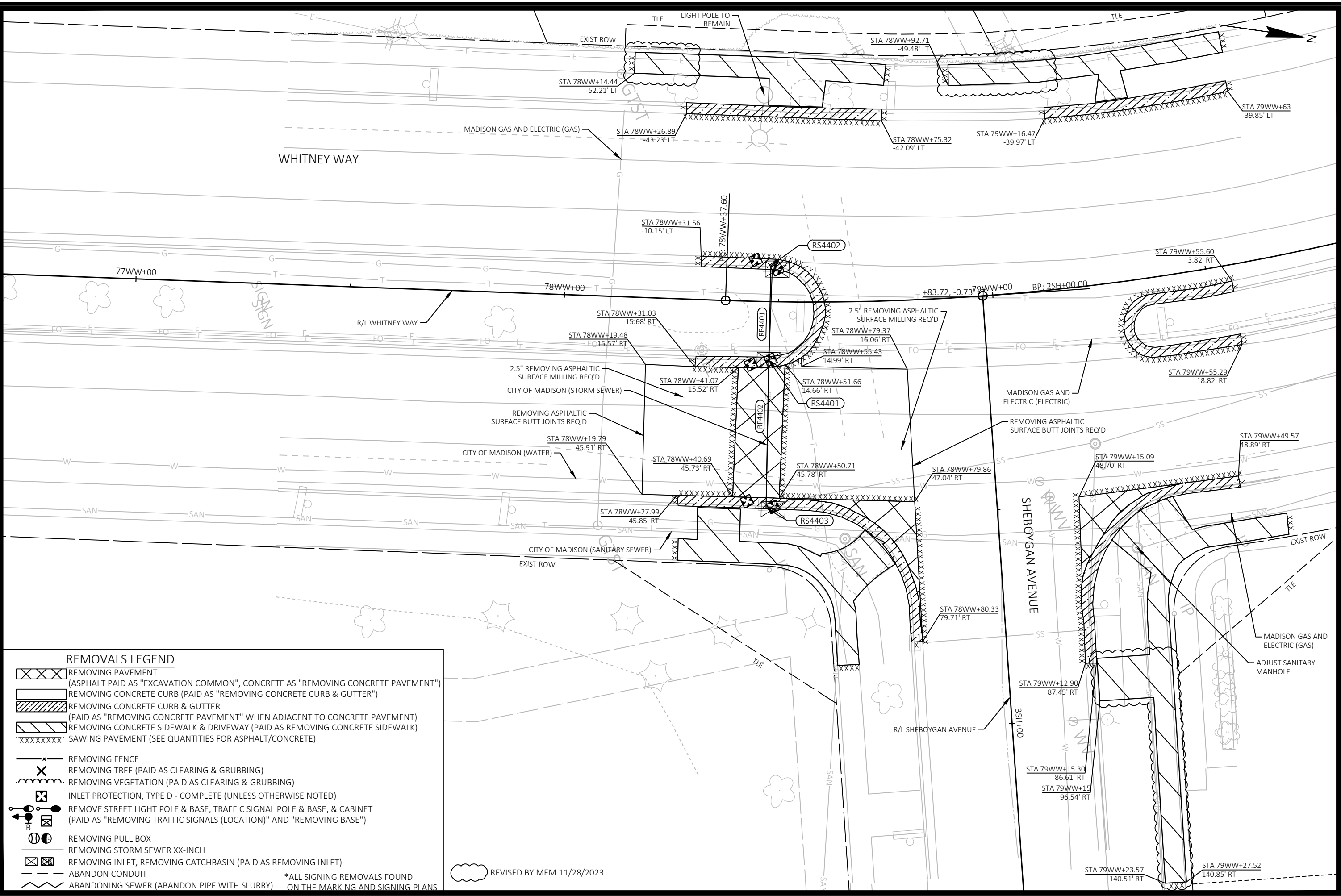
*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

60631225P	REMOVAL PLAN: MINERAL POINT ROAD AT YELLOWSTONE DRIVE
60631225C	BUS RAPID TRANSIT
CITY OF MADISON	CITY OF MADISON, DANE COUNTY, WI
60631225P	CONTRACT NO: 60631225C
12/12/23	PLAN REVISION 8
DATE	REVISION
BY	MARK
1 IN/20 FT	Scale: 1 IN/20 FT
2023-12-15	Designed By: AECOM/Date: 2023-12-15
60631225P	MARK



60631225P

R4-W



REMOVALS LEGEND

- REMOVING PAVEMENT
(ASPHALT PAID AS "EXCAVATION COMMON", CONCRETE AS "REMOVING CONCRETE PAVEMENT")
- REMOVING CONCRETE CURB (PAID AS "REMOVING CONCRETE CURB & GUTTER")
- REMOVING CONCRETE CURB & GUTTER
(PAID AS "REMOVING CONCRETE PAVEMENT" WHEN ADJACENT TO CONCRETE PAVEMENT)
- REMOVING CONCRETE SIDEWALK & DRIVEWAY (PAID AS REMOVING CONCRETE SIDEWALK)
- XXXXXXXXX SAWING PAVEMENT (SEE QUANTITIES FOR ASPHALT/CONCRETE)
- REMOVING FENCE
- REMOVING TREE (PAID AS CLEARING & GRUBBING)
- REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
- INLET PROTECTION, TYPE D - COMPLETE (UNLESS OTHERWISE NOTED)
- REMOVE STREET LIGHT POLE & BASE, TRAFFIC SIGNAL POLE & BASE, & CABINET
(PAID AS "REMOVING TRAFFIC SIGNALS (LOCATION)" AND "REMOVING BASE")
- REMOVING PULL BOX
- REMOVING STORM SEWER XX-INCH
- REMOVING INLET, REMOVING CATCHBASIN (PAID AS REMOVING INLET)
- ABANDON CONDUIT
- ABANDONING SEWER (ABANDON PIPE WITH SLURRY)

*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

REVISED BY MEM 11/28/2023

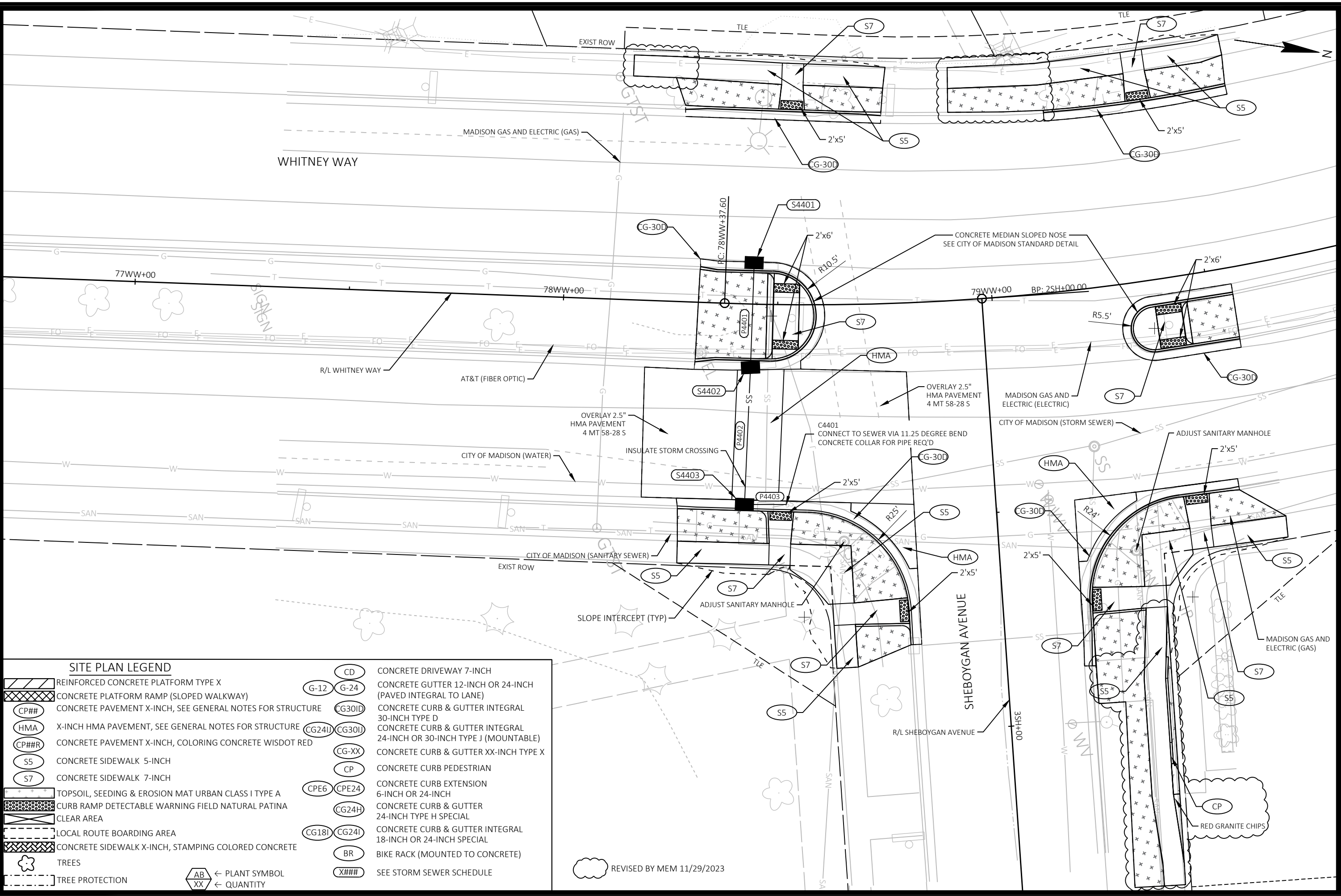
MARK	DESIGNED BY: AECOM	DATE	BY
60631225P	MEGHAN MCCARTHY	11/28/23	MEM
REVISION	DATE	BY	
PLAN REVISION 8	2023-12-07		

REMOVAL PLAN: WHITNEY WAY AT SHEBOYGAN AVENUE RECONSTRUCTION
 BUS RAPID TRANSIT
 CITY OF MADISON
 60631225P
 R-10W

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

Scale: 1 IN=20 FT





SITE PLAN LEGEND	
	REINFORCED CONCRETE PLATFORM TYPE X
	CONCRETE PLATFORM RAMP (SLOPED WALKWAY)
	CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE
	X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE
	CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH
	TOPSOIL, SEEDING & EROSION MAT URBAN CLASS I TYPE A
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CLEAR AREA
	LOCAL ROUTE BOARDING AREA
	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE
	TREES
	TREE PROTECTION
	← PLANT SYMBOL
	← QUANTITY
	CONCRETE DRIVEWAY 7-INCH
	CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
	CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	CONCRETE CURB & GUTTER XX-INCH TYPE X
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
	CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
	CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	BIKE RACK (MOUNTED TO CONCRETE)
	SEE STORM SEWER SCHEDULE

REVISED BY MEM 11/29/2023

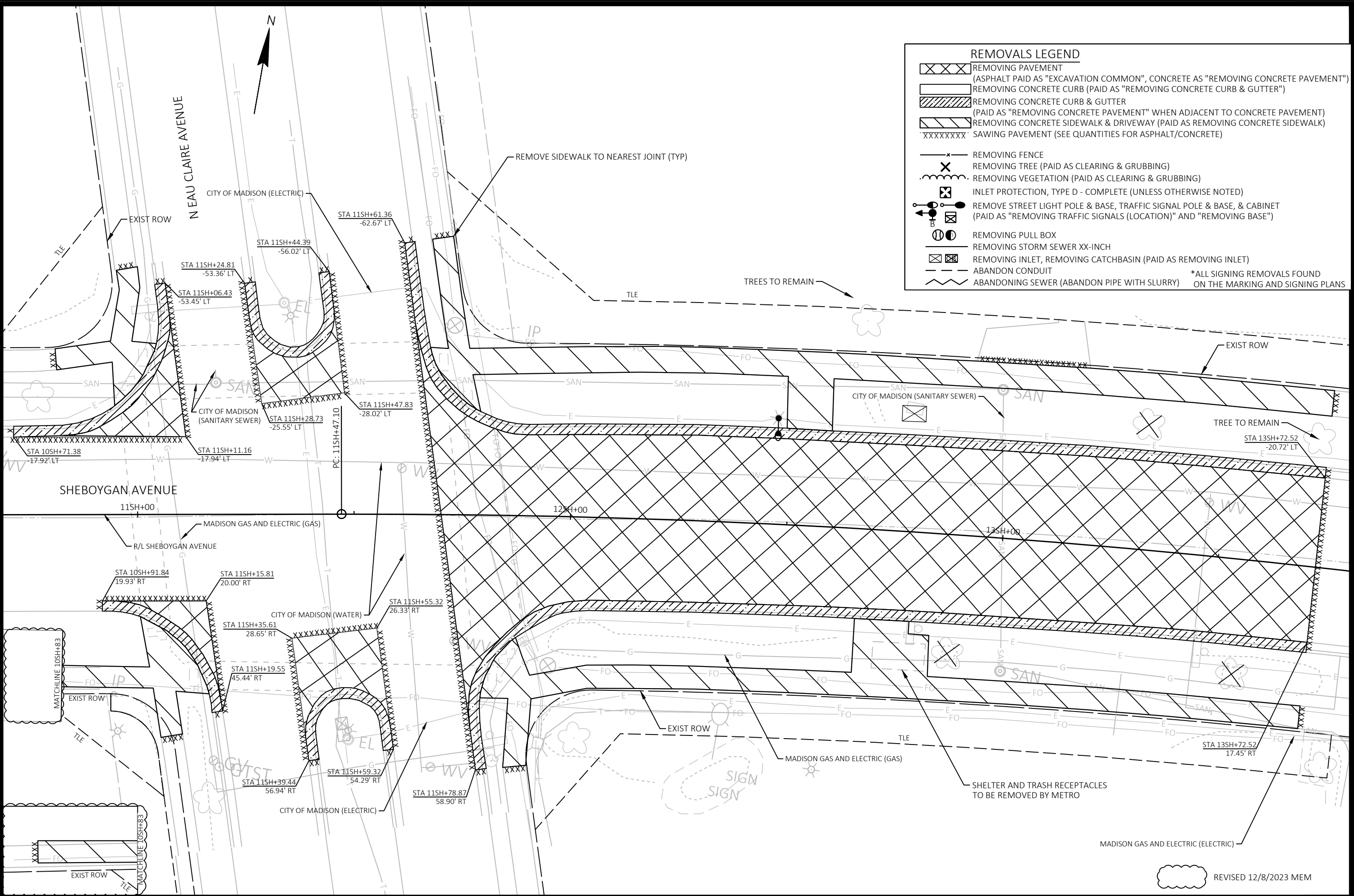
SITE PLAN: WHITNEY WAY AT SHEBOYGAN AVENUE RECONSTRUCTION
BUS RAPID TRANSIT
CITY OF MADISON

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

60631225P
 P-10W

MARK	REVISION	DATE	BY
PLAN REVISION 8	11/29/23 MEM		
PLAN REVISION 2	3/30/23 ZTM		

Designed By: AECOM
 Date: 2023-12-15
 Scale: 1 IN=20 FT
 60631225P



REMOVALS LEGEND

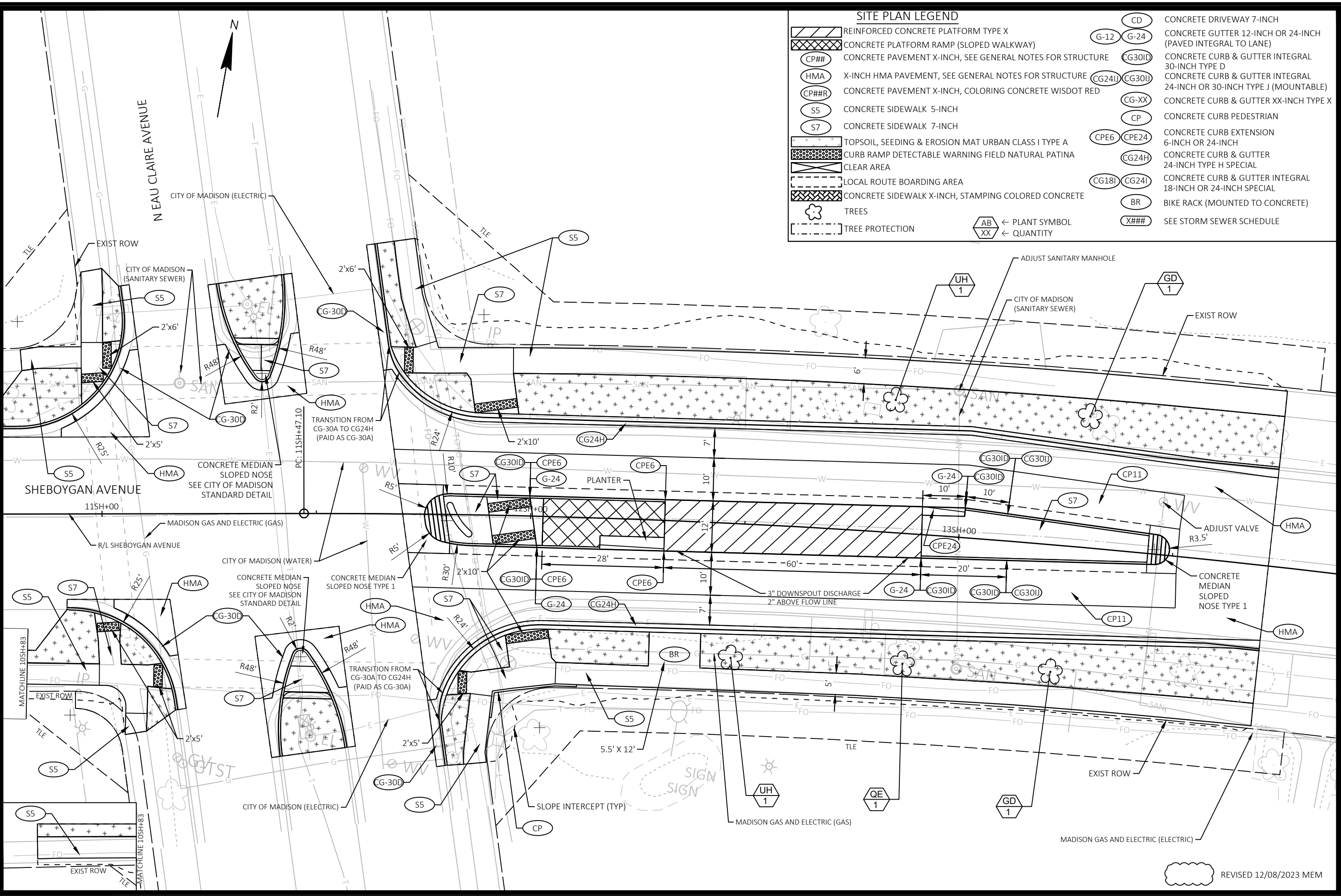
	REMOVING PAVEMENT (ASPHALT PAID AS "EXCAVATION COMMON", CONCRETE AS "REMOVING CONCRETE PAVEMENT")
	REMOVING CONCRETE CURB (PAID AS "REMOVING CONCRETE CURB & GUTTER")
	REMOVING CONCRETE CURB & GUTTER (PAID AS "REMOVING CONCRETE PAVEMENT" WHEN ADJACENT TO CONCRETE PAVEMENT)
	REMOVING CONCRETE SIDEWALK & DRIVEWAY (PAID AS REMOVING CONCRETE SIDEWALK)
	SAWING PAVEMENT (SEE QUANTITIES FOR ASPHALT/CONCRETE)
	REMOVING FENCE
	REMOVING TREE (PAID AS CLEARING & GRUBBING)
	REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
	INLET PROTECTION, TYPE D - COMPLETE (UNLESS OTHERWISE NOTED)
	REMOVE STREET LIGHT POLE & BASE, TRAFFIC SIGNAL POLE & BASE, & CABINET (PAID AS "REMOVING TRAFFIC SIGNALS (LOCATION)" AND "REMOVING BASE")
	REMOVING PULL BOX
	REMOVING STORM SEWER XX-INCH
	REMOVING INLET, REMOVING CATCHBASIN (PAID AS REMOVING INLET)
	ABANDON CONDUIT
	ABANDONING SEWER (ABANDON PIPE WITH SLURRY)

*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

12/08/23	MEM	PLAN REVISION 8	60631225P
3/8/23	ZTM	PLAN REVISION 1	CITY OF MADISON, DANE COUNTY, WI
DATE	BY	REVISION	CONTRACT NO: 60631225C
Designed By: AECOM Date: 2023-12-18			
60631225P			
R-11W			REMOVAL PLAN: SHEBOYGAN AVENUE AT EAU CLAIRE AVENUE BUS RAPID TRANSIT CITY OF MADISON

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\MEGHAN.MCCARTHY@AECOM.COM\DM5856348\050213A-RM.DWG
 LAYOUT NAME - Plan 1 IN 20 FT
 LAST PLOT DATE - 2023-12-18

REVISED 12/8/2023 MEM



SITE PLAN LEGEND

	REINFORCED CONCRETE PLATFORM TYPE X		G-12	CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
	CONCRETE PLATFORM RAMP (SLOPED WALKWAY)		G-24	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
	CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE		CG30ID	CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE		CG24H	CONCRETE CURB & GUTTER XX-INCH TYPE X
	CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED		CP	CONCRETE CURB PEDESTRIAN
	CONCRETE SIDEWALK 5-INCH		CPE6	CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
	CONCRETE SIDEWALK 7-INCH		CG24H	CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
	TOPSOIL, SEEDING & EROSION MAT URBAN CLASS I TYPE A		CG18I	CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA		BR	BIKE RACK (MOUNTED TO CONCRETE)
	CLEAR AREA		X###	SEE STORM SEWER SCHEDULE
	LOCAL ROUTE BOARDING AREA			
	CONCRETE SIDEWALK X-INCH, STAMPING COLORED CONCRETE			
	TREES		AB	← PLANT SYMBOL
	TREE PROTECTION		XX	← QUANTITY

SITE PLAN: SHEBOYGAN AVENUE AT EAU CLAIRE AVENUE

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

P-11W

REVISED 12/08/2023 MEM

CONTRACT NO: 60631225C

CITY OF MADISON, DANE COUNTY, WI

60631225P

12/08/23 MEM

3/8/23 ZTM

PLAN REVISION 8

PLAN REVISION 1

REVISION

DATE

BY

Scale: 1 IN=20 FT

Designed By: AECOM Date: 2023-12-18

60631225P

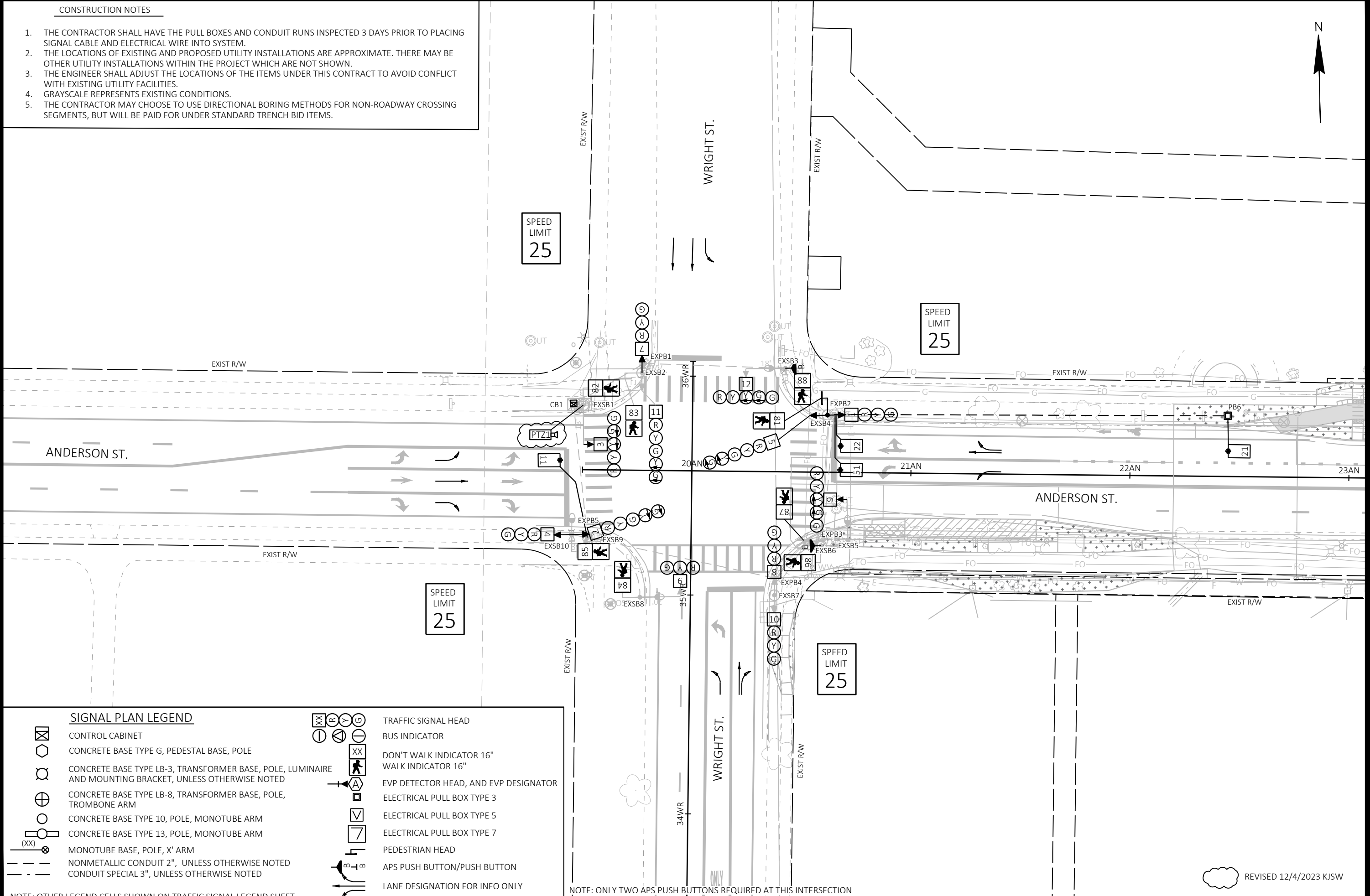
FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\MEGHAN.MCCARTHY@AECOM.COM\DM5856348\05021.3B-PN.DWG

LAYOUT NAME - Plan 1 IN 20 FT

LAST PLOT DATE - 2023-12-18

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 3 DAYS PRIOR TO PLACING SIGNAL CABLE AND ELECTRICAL WIRE INTO SYSTEM.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. THE ENGINEER SHALL ADJUST THE LOCATIONS OF THE ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES.
4. GRAYSCALE REPRESENTS EXISTING CONDITIONS.
5. THE CONTRACTOR MAY CHOOSE TO USE DIRECTIONAL BORING METHODS FOR NON-ROADWAY CROSSING SEGMENTS, BUT WILL BE PAID FOR UNDER STANDARD TRENCH BID ITEMS.



SIGNAL PLAN LEGEND

	CONTROL CABINET		TRAFFIC SIGNAL HEAD
	CONCRETE BASE TYPE G, PEDESTAL BASE, POLE		BUS INDICATOR
	CONCRETE BASE TYPE LB-3, TRANSFORMER BASE, POLE, LUMINAIRE AND MOUNTING BRACKET, UNLESS OTHERWISE NOTED		DON'T WALK INDICATOR 16" WALK INDICATOR 16"
	CONCRETE BASE TYPE LB-8, TRANSFORMER BASE, POLE, TROMBONE ARM		EVP DETECTOR HEAD, AND EVP DESIGNATOR
	CONCRETE BASE TYPE 10, POLE, MONOTUBE ARM		ELECTRICAL PULL BOX TYPE 3
	CONCRETE BASE TYPE 13, POLE, MONOTUBE ARM		ELECTRICAL PULL BOX TYPE 5
	MONOTUBE BASE, POLE, X' ARM		ELECTRICAL PULL BOX TYPE 7
	NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED		PEDESTRIAN HEAD
	CONDUIT SPECIAL 3", UNLESS OTHERWISE NOTED		APS PUSH BUTTON/PUSH BUTTON
			LANE DESIGNATION FOR INFO ONLY

NOTE: OTHER LEGEND CELLS SHOWN ON TRAFFIC SIGNAL LEGEND SHEET

NOTE: ONLY TWO APS PUSH BUTTONS REQUIRED AT THIS INTERSECTION

REVISED 12/4/2023 KJSW

MARK	PLAN REVISION 8	DATE	12/4/23	BY	KJSW
DESIGNED BY:	STRANIP	DATE:	2023-12-05	SCALE:	1 IN=40 FT

SIGNAL PLAN: ANDERSON STREET AT WRIGHT STREET
BUS RAPID TRANSIT
CITY OF MADISON

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





60631225P
S-28A

MATCHLINE STA. 23+00 WR

MATCHLINE A (SEE DETAIL)



PAVEMENT MARKING REMOVALS LEGEND

-  MARKING REMOVAL LONGITUDINAL LINE, 8-INCH WIDE MAX
-  MARKING REMOVAL WIDE LINE GREATER THAN 8-INCH WIDE
-  MARKING REMOVAL SPECIAL-ARROWS, WORDS AND SYMBOLS
-  MARKING REMOVALS LADDER/CONTINENTAL CROSSWALKS

MARK	REVISION	DATE	BY
60631225P	8	11/21/23	JAL
Designed By: KL ENG			Scale: 1"=100 FT
Date: 2023-11-20			

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

PAVEMENT MARKING REMOVALS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 MR18-E

REVISED 11/21/23 JAL



PAVEMENT MARKING REMOVALS LEGEND

	MARKING REMOVAL LONGITUDINAL LINE, 8-INCH WIDE MAX
	MARKING REMOVAL WIDE LINE GREATER THAN 8-INCH WIDE
	MARKING REMOVAL SPECIAL-ARROWS, WORDS AND SYMBOLS
	MARKING REMOVALS LADDER/CONTINENTAL CROSSWALKS

REVISED 11/21/23 JAL

MARK	DESIGNED BY: KL ENCL	DATE	BY
60631225P	60631225P	2023-11-20	JAL
REVISION			11/21/23
PLAN REVISION 8			JAL
Scale: 1"= 100 FT			

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



60631225P
 MR19-E

MATCHLINE STA. 23+00 WR

STAUBEL ST.

PI: 24+16.47 WR

24WR

26WR

28WR

30WR

32WR

34WR

R/L WRIGHT STREET

WRIGHT ST.

PI: 31+06.16 WR

MATCHLINE A (SEE DETAIL)

6.0' BIKE LANE

11.0'

10.0'

11.0'

10.5'

6.0' BIKE LANE

ANDERSON ST.

4 (TYP.)

3 (TYP.)

21 (TYP.)

22 (TYP.)

5 (TYP.)

17 (TYP.)

13

WA1

6.0' BIKE LANE

11.0'

11.0'

22 (TYP.)

21 (TYP.)

20 (TYP.)

7 (TYP.)

1 (TYP.)

34

16 (TYP.)

21 (TYP.)

11.0'

10.0'

22+82 AN

21+85 AN

22+20 AN

20 AN

36WR

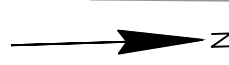
20 AN

24

R/L ANDERSON STREET

MATCHLINE STA. 24+00 AN

HOFFMAN ST.



ANDERSON ST.

22 (TYP.)

21 (TYP.)

7 (TYP.)

3

32.0'

72.0'

115.0'

MATCHLINE A (DETAIL)

LANE EXTENSION TURNING PATHS

CENTER POINT	STATION	OFFSET	RADIUS
WA1	35+02.63 WR	57.88' RT	50'-6"
WA2	19+50.82 AN	75.11' LT	66'-6"

EAST MADISON COMMUNITY CENTER

MARK	11/21/23	JAL	11/21/23	JAL
REVISION	04/28/23	JBT	04/28/23	JBT
DATE	DATE	BY	DATE	BY
DESIGNED BY: KL ENCL	DATE: 2023-11-20	REVISION	REVISION	REVISION
60631225P				

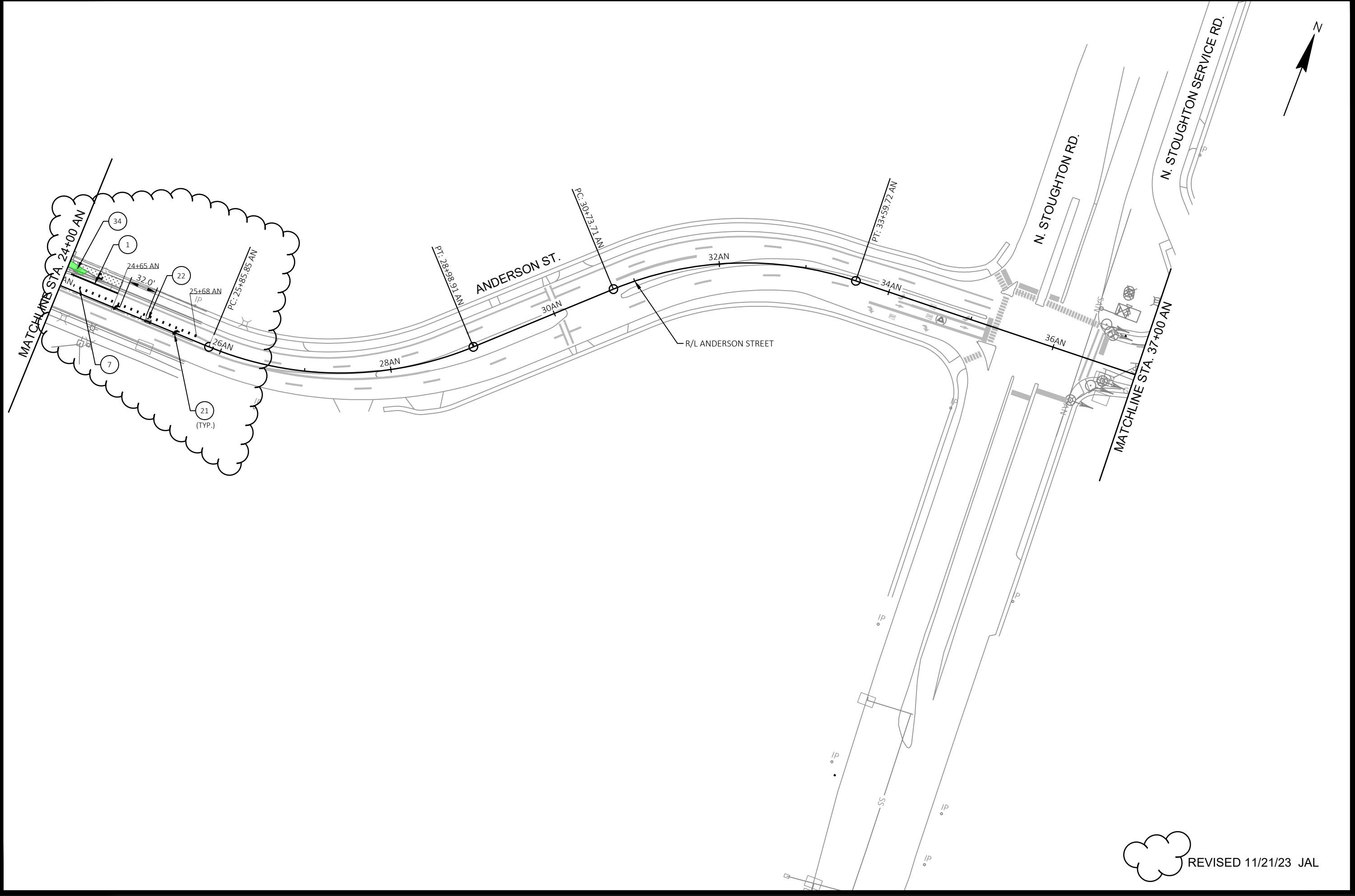
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PAVEMENT MARKING
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 M18-E

REVISED 11/21/23 JAL



MARK	REVISION	DATE	BY
---	PLAN REVISION 8	11/21/23	JAL
---	REVISION	2023-11-20	---

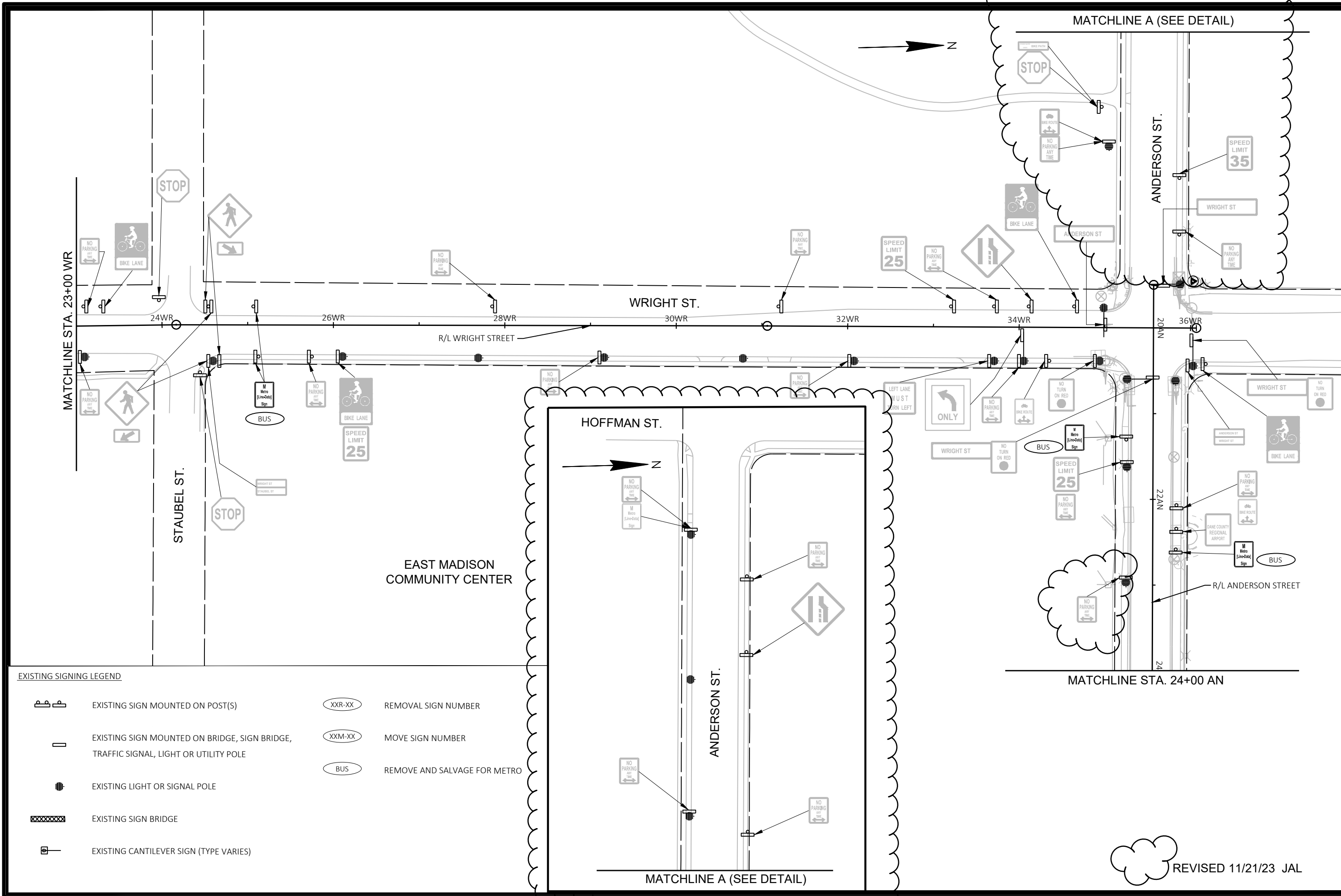
Designed By: KL ENG
Date: 2023-11-20
60631225P
Scale: 1"=100 FT

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











60631225P
 M19-E

REVISED 11/21/23 JAL



EXISTING SIGNING LEGEND

- | | | | |
|---|---|---|------------------------------|
|  | EXISTING SIGN MOUNTED ON POST(S) |  | REMOVAL SIGN NUMBER |
|  | EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE |  | MOVE SIGN NUMBER |
|  | EXISTING LIGHT OR SIGNAL POLE |  | REMOVE AND SALVAGE FOR METRO |
|  | EXISTING SIGN BRIDGE | | |
|  | EXISTING CANTILEVER SIGN (TYPE VARIES) | | |

MARK	11/21/23	JAL	DATE	BY
PLAN REVISION	8		REVISION	
DESIGNED BY	KL ENCL	DATE	2023-11-20	Scale: 1"=100 FT
60631225P				

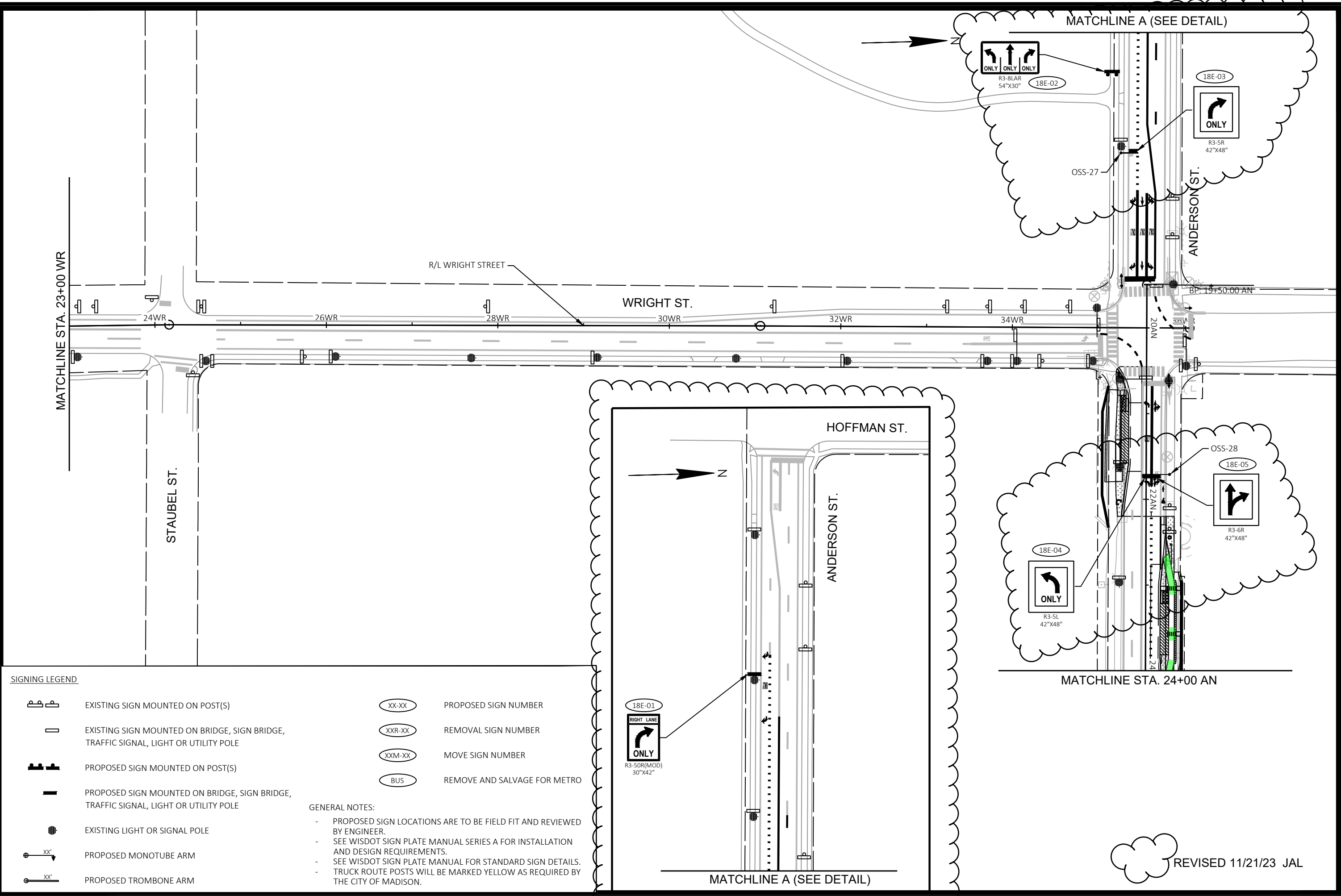
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

EXISTING SIGNING & SIGN REMOVALS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 SR-18E

REVISED 11/21/23 JAL



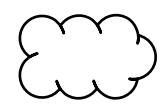
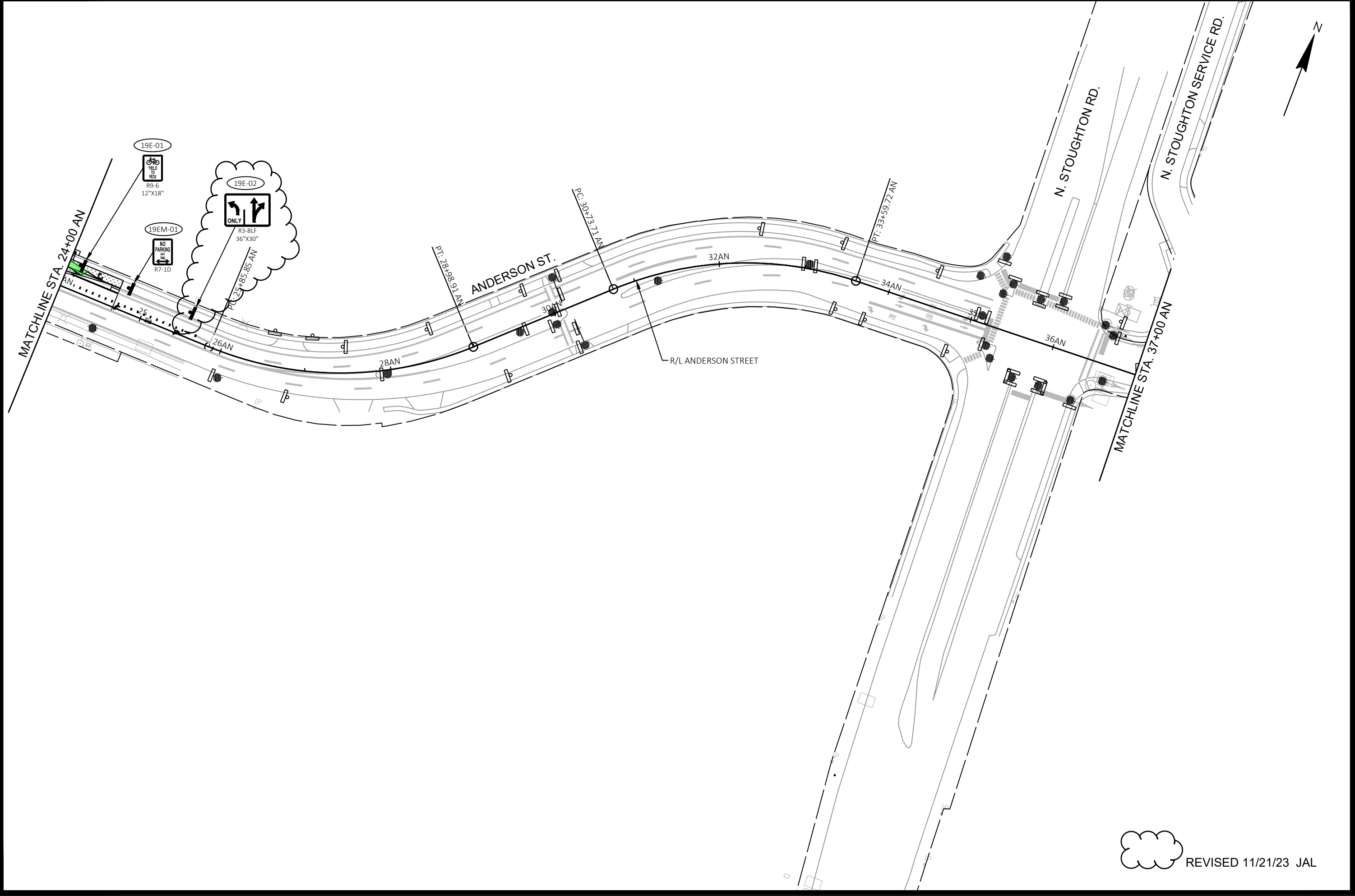
SIGNING LEGEND

	EXISTING SIGN MOUNTED ON POST(S)		PROPOSED SIGN NUMBER
	EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE		REMOVAL SIGN NUMBER
	PROPOSED SIGN MOUNTED ON POST(S)		MOVE SIGN NUMBER
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE		REMOVE AND SALVAGE FOR METRO
	EXISTING LIGHT OR SIGNAL POLE	GENERAL NOTES:	
	PROPOSED MONOTUBE ARM	- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.	
	PROPOSED TROMBONE ARM	- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.	
		- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.	
		- TRUCK ROUTE POSTS WILL BE MARKED YELLOW AS REQUIRED BY THE CITY OF MADISON.	

60631225P	PERMANENT SIGNING
CITY OF MADISON	BUS RAPID TRANSIT
CITY OF MADISON, DANE COUNTY, WI	CITY OF MADISON
CONTRACT NO: 60631225C	60631225P
60631225C	SP-18E

PLAN REVISION 8
 REVISION DATE: 11/21/23 JAL
 MARK BY: KL ENCL
 Date: 2023-11-20
 Scale: 1"=100 FT
 60631225P

REVISION 11/21/23 JAL



REVISED 11/21/23 JAL

MARK	REVISION	DATE	BY
	PLAN REVISION 8	11/21/23	JAL
Designed By: KL ENG			Date: 2023-11-21
60631225P			Scale: 1"= 100 FT

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



PERMANENT SIGNING
 BUS RAPID TRANSIT
CITY OF MADISON

60631225P
 SP-19E

DESIGN DATA

CONTRACTOR DESIGNED OVERHEAD SIGN STRUCTURES SHALL BE DESIGNED ACCORDING TO THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 1ST EDITION AND INTERIM SPECIFICATIONS, AND THE WISDOT BRIDGE MANUAL.

STANDARD FOUNDATIONS DESIGNED ACCORDING TO THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION.

DEAD LOAD: WT. OF SIGN AND SUPPORTING STRUCTURE
ICE LOAD: 5 IPSF TO ONE FACE OF SIGN & SURFACE OF MEMBERS
WIND PRESSURE: 115 MPH (3-SEC. GUST SPEED) TO SIGN AREA & EXPOSED MEMBERS (700 YEAR MEAN RECURRENCE INTERVAL)

WIND COMPONENTS	NORMAL	TRANSVERSE
LOAD CASE 1:	1.00	0.00
LOAD CASE 2:	0.00	1.00
LOAD CASE 3:	0.75	0.75

LOAD COMBINATIONS	
STRENGTH:	1.25 DC + 1.6 LL
EXTREME I (MAX DC):	1.1 DC + 1.0 W + 1.0 ICE
EXTREME I (MIN DC):	0.9 DC + 1.0 W
SERVICE I:	1.0 DC + 1.0 W
FATIGUE:	1.0 NW (NATURAL WIND GUST) 1.0 TW (TRUCK INDUCED GUST) 1.0 GW (GALLIUMS - CANTILEVER ONLY)

MATERIAL PROPERTIES

CONCRETE MASONRY	$f_c = 3,500$ PSI
HIGH STRENGTH STEEL REINFORCEMENT, GRADE 60	$f_y = 60,000$ PSI
STRUCTURAL ANGLES, PLATES & BARS - ASTM A709 GRADE 50	$f_y = 50,000$ PSI
HIGH STRENGTH BOLTS - ASTM A325 GRADE A325	$f_y = 52,000$ PSI
ANCHOR RODS - ASTM F1554 GRADE 55	$f_y = 55,000$ PSI
HEAVY HEX NUTS - ASTM A563 GRADE DH OR ASTM A194 GRADE 2H	
WASHERS - ASTM F436	
DTI WASHERS - ASTM F959 TYPE 325	

FOUNDATION DATA

SIGN STRUCTURE FOUNDATIONS ARE SUPPORTED ON DRILLED SHAFTS THAT HAVE BEEN DESIGN FOR SITES WHERE SOILS EXHIBIT A PHI ANGLE GREATER THAN OR EQUAL TO 34° (GRANULAR SOILS), OR A COHESION VALUE GREATER THAN OR EQUAL TO 750 PSF (COHESIVE SOILS) AND A UNIT WEIGHT OF 125 PCF. THE GROUND WATER TABLE FOR DESIGN IS ASSUMED TO BE AT A DEPTH OF 10'-0" BELOW THE GROUND SURFACE. ACTUAL WATER LEVEL AT SITE MAY VARY. THE REGION GEOTECHNICAL ENGINEER SHALL VISUALLY INSPECT THE SUBSURFACE SOILS DURING THE DRILLING OF THE SHAFT HOLE TO CONFIRM THESE PROPERTIES PRIOR TO PLACEMENT OF THE DRILLED SHAFT CONCRETE.

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEM	UNIT	2-SIGN OSS	3-SIGN OSS
531.7047	DRILLING SHAFT 42-INCH	LF	252	36
551.5130.01	FOUNDATION SINGLE-SHAFT TYPE MC-II (3-SIGN OSS)	EA	14	--
551.5130.02	FOUNDATION SINGLE-SHAFT TYPE MC-III (3-SIGN OSS)	EA	--	2
SPV.0065.286	INSTALL MONOTUBE CANTILEVER TYPE II (3-SIGN OSS)	EA	14	--
SPV.0065.287	INSTALL MONOTUBE CANTILEVER TYPE III (3-SIGN OSS)	EA	--	2

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALTERNATE DESIGNS ARE NOT ALLOWED.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), DANE COUNTY ZONE, NAD 83 (1987). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD 88 (2007).

ALL REINFORCING BARS ARE IN ENGLISH UNITS. THE FIRST DIGIT OF A THREE-DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR-DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

SIGN BRIDGE ID PLAQUES SHALL BE CONSIDERED INCIDENTAL TO THE TRUSS OR MONOTUBE BID ITEMS FOR EACH APPLICABLE SIGN STRUCTURE IN THE PLAN SET. LOCATE THE ID PLAQUE ON THE FREEWAY SIDE OF THE SUPPORT COLUMN SO THAT IT CAN BE SEEN FROM THE ROADWAY. FABRICATE AND INSTALL THE ID PLAQUE IN ACCORDANCE WITH S.O.D. 1.2 A4-3.

UNLESS DETAILED OTHERWISE IN THE PLANS, ALL U.S. BOLTED CONNECTIONS SHALL BE MADE WITH $\frac{3}{8}$ " DIA. A325 GALVANIZED BOLTS. FIELD CONNECTIONS SHALL BE INSTALLED WITH DTI WASHERS.

WELDED CONNECTIONS CAN BE USED IN LIEU OF BOLTED CONNECTIONS, IF A TRUSS UNIT CAN BE GALVANIZED IN ONE PIECE.

WELD TEST AS PER AWS D1.1.

SEE SIGN PLATE NO. A4-6, A4-7A & A4-7B OF THE SIGN PLATE MANUAL FOR INSTRUCTIONS ON CENTERING SIGNS VERTICALLY ON THE TRUSS.

SIGNS OR BLANKS SHALL BE INSTALLED ON TRUSS AT TIME OF ERECTION. BLANKS SHALL BE $\frac{3}{8}$ " THE LENGTH OF THE CANTILEVER SPAN, 2'-0" DEEPER THAN THE C/L TO C/L OF CHORDS, AND SHALL BE CENTERED ON THE BRIDGE. SIGNS SHALL BE AS DESIGNATED ON THE PLANS.

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION OF THE TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER PRIOR TO FABRICATION OF THE STRUCTURE. CONTRACTOR SHALL SHOW SIGNS ON THE SHOP DRAWINGS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DRILLING OR EXCAVATING AND MAINTAINING A STABLE AND OPEN HOLE FOR SUBSEQUENT INSTALLATION OF CONCRETE MASONRY FOR THE DRILLED SHAFTS. PARTIAL OR FULL DEPTH TEMPORARY CASING MAY BE REQUIRED TO MAINTAIN THE STABILITY OF THE EXCAVATED HOLE FOR THE SIGN SUPPORT PRIOR TO FILLING THE HOLE WITH CONCRETE. PERMANENT CASING MADE FROM STEEL OR CORRUGATED METAL PIPE MAY BE USED IN LIEU OF TEMPORARY CASING. TEMPORARY/PERMANENT CASING, IF USED, SHALL BE INCIDENTAL TO THE BID ITEM "DRILLING SHAFT (DIA.)".

STRUCTURE DATA

STRUCTURE ID	SIGN AREA	SIGN DEPTH	FOUNDATION TYPE
2-SIGN OSS	38 SF	4'-0"	TYPE MC-II
3-SIGN OSS	42 SF	4'-0"	TYPE MC-III

LIST OF DRAWINGS:

1. GENERAL NOTES & DESIGN DATA
2. LAYOUT 2-SIGN OSS
3. LAYOUT 3-SIGN OSS

LIST OF STANDARD DESIGN DRAWINGS

4. I. MONOTUBE & 2-CHORD TRUSS CONNECTIONS 1
5. II. MONOTUBE & 2-CHORD TRUSS CONNECTIONS 2
6. III. MONOTUBE & 2-CHORD TRUSS ELECTRICAL DETAILS
7. IV. MONOTUBE & 2-CHORD TRUSS FOUNDATIONS

CITY PROJECT NUMBER

13925

TRAFFIC VOLUME

MINERAL POINT ROAD
A.A.D.T. (2018)=24,800
R.D.S.=35 MPH

WHITNEY WAY
A.A.D.T. (2018)=14,600
R.D.S.=25 MPH

SEGOE ROAD
A.W.T.(2017)=9,000
R.D.S.=30 MPH


UNIVERSITY AVENUE
A.A.D.T. (2018)=47,200
R.D.S.=35 MPH

CAMPUS DRIVE
A.A.D.T. (2018)=14,900
R.D.S.=30 MPH


JOHNSON STREET
A.W.T.(2019)=29,000
R.D.S.=25 MPH

E WASHINGTON AVENUE
A.A.D.T. (2015)=46,800
R.D.S.=30 MPH

STRUCTURE DESIGN CONTACTS:
KL ENGINEERING (608) 663-1218

NO.	DATE	REVISION	BY
			
MONOTUBE & 2-CHORD			
VARIOUS LOCATIONS			
COUNTY	DANE	CITY OF	MADISON
DESIGN SPEC: AASHTO LRFD BRIDGE DESIGN SPECIFICATION			
DESIGNED BY	BCS	CDH	CDH
DESIGNED BY	CDH	CDH	CDH
DESIGNED BY	CDH	CDH	CDH
GENERAL NOTES & DESIGN DATA			SHEET 1 OF 3

THESE ARE STANDARD DESIGN PLANS DEVELOPED AND MAINTAINED BY THE WISDOT. THE DESIGNER CERTIFIES THAT THE DESIGN AND PLAN DETAILS CHOSEN ARE CONSISTENT WITH THE GUIDANCE PROVIDED IN THE CURRENT WISDOT BRIDGE MANUAL CHAPTER 39.



Kelly Trac

PLAN REVISION	DATE	BY
11/21/23	JAL	JAL
4/27/23	JAL	JAL

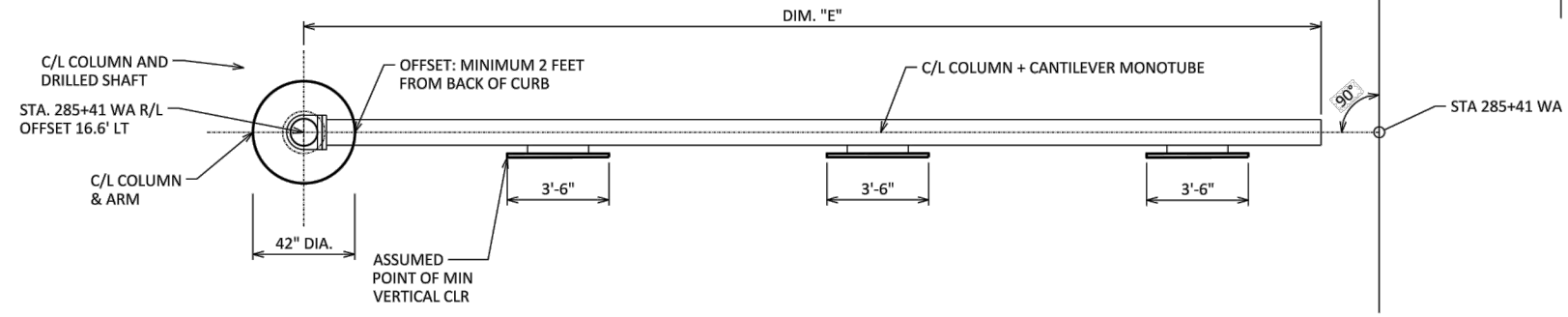
Scale: NTS
Designed By: KL ENG Date: 2023-11-20
60631225P

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



60631225P
PSD-24

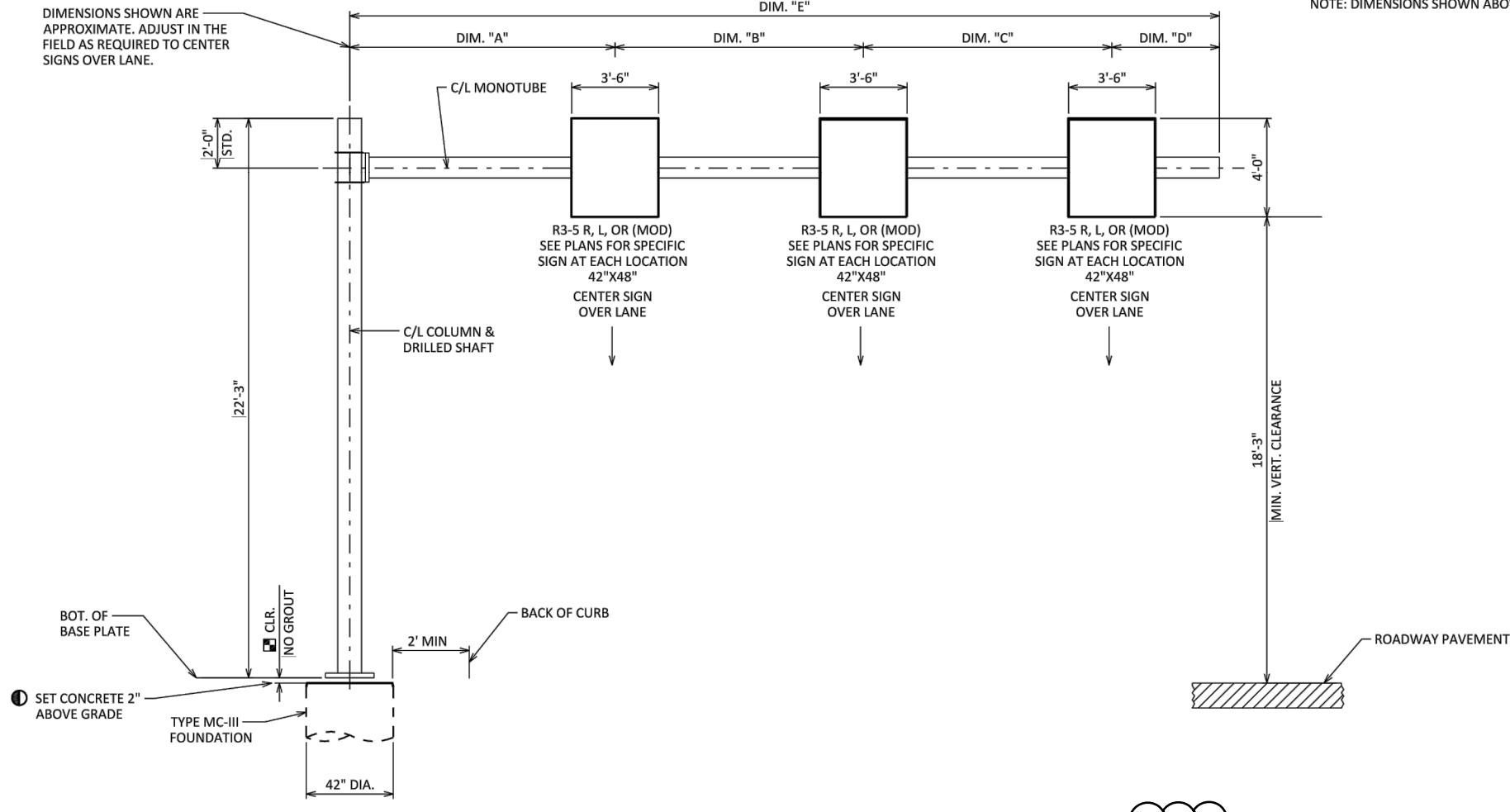
CITY PROJECT NUMBER
13925



PLAN
(OSS-16)

STRUCTURE NUMBER	STATION	OFFSET	L/R	DIMENSIONS (FT)				
				"A"	"B"	"C"	"D"	"E"
OSS-16	285+41 'WA'	16.3	LT	10.7	9.9	10.0	4.4	35.0
OSS-28	21+71 'AN'	27.2	LT	15.5	10.8	4.7		31.0

NOTE: DIMENSIONS SHOWN ABOVE ARE APPROXIMATE. ADJUST IN THE FIELD AS REQUIRED TO CENTER SIGNS OVER LANE.



ELEVATION
(OSS-16)

NOTES

GENERAL LAYOUT FOR ALL 3-SIGN OVERHEAD CANTILEVER MONOTUBES. SEE PERMANENT SIGNING PLANS FOR MORE DETAILS FOR EACH SPECIFIC LOCATION.

LEGEND

- ☆ ELEVATIONS GIVEN ALONG C/L STRUCTURE
- (XXX) SIGN NUMBER, SEE PERMANENT SIGNING PLAN
- STANDOFF DIMENSION IS ASSUMED TO BE 2 1/2", BUT IS A MAX. OF 2 x ANCHOR ROD DIAMETER. SEE FOUNDATION DETAILS SHEET AND SHOP DRAWINGS FOR MORE INFORMATION.
- ① ENGINEER TO VERIFY THAT HIGH POINT IN ROADWAY IS NO HIGHER THAN BOTTOM OF BASE PLATE. ADJUST CONCRETE FOUNDATION ELEVATION AS REQUIRED.

NO.	DATE	REVISION	BY

STRUCTURE 3-SIGN OSS

DRAWN BY	STD	PLANS CK'D	CDH
GENERAL LAYOUT 3-SIGN OSS		SHEET 3 OF 3	

REVISED 11/21/23 JAL

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



60631225P
PSD-26

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.0060.613	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
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	498.00
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

Mark	DESIGNED BY: AECOM	DATE	Scale: NTS
60631225P		12/27/2023	
	PLAN REVISION 8	12/27/2023	MAS
	PLAN REVISION 3	4/28/23	ALM
	REVISION		BY

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



60631225P
 MQ-5

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 LAST PLOT DATE - 12/27/2023

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	260.00
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	18.00
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	415.4100	Concrete Pavement Joint Filling	SY	98.00
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	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	350.00
40.06	601.0600	Concrete Curb Pedestrian	LF	25.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1500.00
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	3.80
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	360.00
40.06	SPV.0035.003	Red Granite Chips	CY	1.00
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

REVISED 12/22/2023 UN

UN	12/22/23
PLAN REVISION 8	3/30/23
PLAN REVISION 2	11/29/22
ADDENDUM 4	ALM
REVISION	DATE
Mark	BY
Designed By: AECOM	Date: 12/22/2023
60631225P	Scale: NTS

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



60631225P

MQ-18

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 LAST PLOT DATE - 12/22/2023
 FILE NAME

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	660.00
40.01	204.0155	Removing Concrete Sidewalk	SY	400.00
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	360.00
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	330.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	320.00
10.02	415.4100	Concrete Pavement Joint Filling	SY	590.00
40.06	455.0605	Tack Coat	GAL	70.00
40.06	460.2000	Incentive Density HMA Pavement	DOL	92.00
40.06	460.6224	HMA Pavement 4 MT 58-28 S	TON	140.00
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	2640.00
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	15.60
40.06	625.0100	Topsoil	SY	480.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	480.00
40.06	628.6505	Soil Stabilizer Type A		0.10
40.06	629.0210	Fertilizer Type B	CWT	0.27
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
20.01	656.0500.318	Electrical Service Breaker Disconnect Box (Eau Claire)	LS	1.00
40.01	690.0150	Sawing Asphalt	LF	350.00
40.01	690.0250	Sawing Concrete	LF	190.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	100.00
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1.00

REVISED 12/22/2023 UN

12/22/23	UN
04/26/23	ALM
03/14/23	ALM
11/29/22	ALM
DATE	BY
REVISION	Scale: NTS
Designed By: AECOM	Date: 12/22/2023
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60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C
 MISCELLANEOUS QUANTITIES
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P

MQ-19

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 LAST PLOT DATE - 12/22/2023
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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	63.00
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	450.00
40.07	550.0500	Pile Points	EACH	16.00
40.07	550.2106	Piling CIP Concrete 10 3/4 X 0.365-Inch	LF	504.00
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	830.00
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
20.01	656.0500.323	Electrical Service Breaker Disconnect Box (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

11/29/23	ALM	PLAN REVISION 8
04/26/23	ALM	PLAN REVISION 3
11/29/22	ALM	ADDENDUM 4
11/16/22	ALM	ADDENDUM 3
DATE	BY	REVISION
12/27/2023		Scale: NTS

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



60631225P
 MQ-29

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 FILE NAME

CONT'D FROM ABOVE

TRAFFIC SIGNAL BASES, POLES, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

INTERSECTION	SIGNAL BASE NO.	SPV.0060.256	SPV.0060.247	SPV.0060.248	SPV.0060.244	SPV.0060.249	SPV.0060.250	SPV.0060.276	SPV.0060.277	SPV.0060.278	SPV.0060.251	SPV.0060.252	SPV.0060.253	SPV.0060.254	SPV.0060.255	SPV.0060.279	FOR	SPV.0060.242	SPV.0060.262	SPV.0060.266	SPV.0060.272	
		INSTALL PEDESTAL BASES (GREEN) EACH	INSTALL POLE 20-FOOT 7 GAUGE (GREEN) EACH	INSTALL POLE 30-FOOT 7 GAUGE SINGLE MOUNT (GREEN) EACH	INSTALL LIGHTING ASSEMBLY TYPE III POLE EACH	INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT (GREEN) EACH	INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT (GREEN) EACH	INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FT EACH	INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	INSTALL TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	INSTALL TRAFFIC SIGNAL TROMBONE ARM 15-FT (GREEN) EACH	INSTALL TRAFFIC SIGNAL TROMBONE ARM 18-FT (GREEN) EACH	INSTALL TRAFFIC SIGNAL TROMBONE ARM 20-FT (GREEN) EACH	INSTALL TRAFFIC SIGNAL TROMBONE ARM 22-FT (GREEN) EACH	INSTALL TRAFFIC SIGNAL TROMBONE ARM 25-FT (GREEN) EACH	INSTALL PEDESTRIAN PUSH BUTTONS EACH	FOR INFORMATION PURPOSE ONLY APS PUSH BUTTON EACH	INSTALL LIGHTING ASSEMBLY TYPE III EACH	SALVAGE AND REINSTALL EVP DETECTOR EACH	REINSTALL GRIDSMART CAMERA EACH	SALVAGE AND REINSTALL PTZ CAMERA EACH
EAST WASHINGTON AVENUE & MARQUETTE STREET	SB1	1	--	--	--	1	--	--	--	--	--	--	--	--	--	1	1	--	--	--	--	
	SB2	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--	2	--	--	--	--	
	SB3	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--	1	--	1	1	--	
	SB6	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	1	
	EXSB7	--	--	--	--	--	--	--	--	--	--	--	--	--	1	1	--	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & MARQUETTE ST.)		1	3	--	--	1	--	--	--	--	--	--	2	2	2	4	--	1	1	--	1	
EAST WASHINGTON AVENUE & FAIR OAKS AVENUE	EXSB2	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	
	SB3	--	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	
	SB4	1	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	
	EXSB6	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1	1	1	1	--	--	
	SB7	--	--	--	--	--	--	--	--	--	--	--	--	1	1	2	--	--	1	--	--	
SB8	1	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--		
SB10	1	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--		
SUBTOTAL (EAST WASH AVE. & FAIR OAKS AVE.)		3	2	--	1	3	--	--	--	--	1	1	--	1	4	4	1	--	1	--	1	
WRIGHT STREET & ANDERSON STREET	EXSB1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	
	EXSB4	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	
	EXSB6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	
	EXSB10	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	
	SUBTOTAL (EAST WASH AVE. & ANDERSON ST.)		--	--	--	--	--	--	--	--	2	--	--	--	--	--	2	--	--	--	--	1
EAST WASHINGTON AVENUE & MENDOTA STREET	SB2	1	--	--	--	--	1	--	--	--	--	--	--	--	--	1	1	--	--	--	--	
	SB3	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--	2	--	--	--	--	
	SB4	--	1	--	--	--	--	--	--	--	1	--	--	--	--	--	1	--	1	1	--	
	SB8	--	1	--	--	--	--	--	--	--	--	1	--	--	--	1	--	--	--	--	1	
	SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)		1	3	--	--	--	1	--	--	--	1	--	2	--	--	2	4	--	1	1	1
EAST WASHINGTON AVENUE & PORTAGE ROAD	SB6	--	--	1	--	--	--	--	--	--	--	--	--	1	1	--	--	1	--	--	--	
	EXSB5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	
SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)		--	--	1	--	--	--	--	--	--	--	--	--	1	1	--	--	1	--	--	1	
EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE	SB1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	--	--	
	SB2	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	--	
	EXSB3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	
	SB5	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	2	--	--	--	--	
	EXSB6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	
SUBTOTAL (EAST WASH AVE. & E SPRINGS DR.)		--	--	--	--	--	--	1	2	--	--	--	--	--	--	1	4	--	--	--	1	
TOTALS		8	23	8	4	5	3	1	2	2	2	1	7	9	12	32	46	12	11	10	2	11

REVISED 12/4/2023 KJSW

Mark	Designed By: STR/MG	Date: 12/28/2023
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12/4/2023	KJSW	BY

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



60631225P
 MQ-56S

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 FILE NAME:

PAVEMENT MARKING REMOVALS SHEET 5 OF 5

STATION	TO	STATION	LOCATION	ROADWAY	SPV.0090.109	SPV.0090.110	SPV.0090.111	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:					68,429	2,948	9,838	123
377+00WA	-	396+00WA	MELVIN CT TO N FAIR OAKS AVE	E WASHINGTON AVE	1,537	57	---	---
			N FAIR OAKS AVE		122	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	---	---	---	---
13+500AN	-	36+00AN	HOFFMAN ST TO STOUGHTON RD	ANDERSON ST	1,566	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	E WASHINGTON AVE	350	58	---	---
			PORTAGE RD/THEIRER RD (NORTH & SOUTH)		120	33	---	---
455+00WA	-	470+00WA	PORTAGE RD/THEIRER RE TO CONTINENTAL LN/EAGAN RD	E WASHINGTON AVE	3,367	60	---	4
			CONTINENTAL LN/EAGAN RD		---	---	---	---
470+00WA	-	478+00WA	CONTINENTAL LN/EAGAN RD TO INDEPENDENCE LN	E WASHINGTON AVE	1,791	---	---	---
			INDEPENDENCE LN		236	40	---	---
478+00WA	-	487+50WA	INDEPENDENCE LN TO FRONTAGE RD/ZEIER RD	E WASHINGTON AVE	2,004	---	---	---
			FRONTAGE RD/ZEIER RD (NORTH & SOUTH)		---	---	---	---
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:					83,935	3,500	9,838	130
PROJECT UNDISTRIBUTED					4,197	175	492	7
TRAFFIC CONTROL UNDISTRIBUTED					16,175	288	1,328	32
PROJECT TOTALS:					104,307	3,963	11,658	169

REVISED 11/21/23 JAL

Mark	Designed By: AECOM 90631225P	Date: 11/10/2023	Scale: NTS
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		11/21/23	JAL

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



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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	LF		
SHEET 1-6 SUBTOTALS:					1124	714	485	355	1300	100	6982	34788	24316	2879	3809	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	---	---	---	---	---	---	---	---	---	---	---	---
13+50AN	-	36+00AN	HOFFMAN ST TO STOUGHTON RD	ANDERSON ST	121	932	---	---	---	88	99	300	---	237	---	---
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:					1245	2126	703	414	1317	234	7081	35088	33818	3116	4399	1290
PROJECT UNDISTRIBUTED					62	106	35	21	66	12	354	1754	1691	156	220	65
TRAFFIC CONTROL UNDISTRIBUTED					1896	2400	---	---	---	---	6047	3490	---	875	---	---
PROJECT TOTALS:					7836	---	1173	---	1628	---	13482	---	---	85961	---	---

PLAN REVISION 8	JAL	1/03/24
PLAN REVISION 4	JBH	04/28/23
REVISION	DATE	BY
Mark	Designed By: AECOM	Date: 1/3/2024
90631225P		Scale: NTS

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



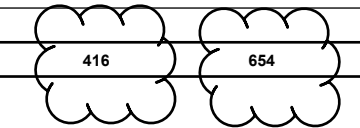
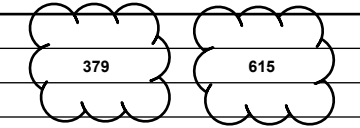
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 FILE NAME:

PAVEMENT MARKING SPECIAL SHEET 7 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 1-6 SUBTOTALS:			327	532	24	2	16	13	332	29	174586	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	---	---	---	---	---	---	---	---	---	---	---
13+50AN - 36+00AN	HOFFMAN ST TO STOUGHTON RD	ANDERSON ST	15	6	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:			379	615	31	2	16	13	353	31	182247	8479	689
PROJECT UNDISTRIBUTED			19	31	2	0	1	1	18	2	9112	424	34
TRAFFIC CONTROL UNDISTRIBUTED			18	8	2	---	---	---	---	---	---	---	---
PROJECT TOTALS:			416	654	34	2	17	14	371	33	191359	8903	724



REVISED 1/3/24 JAL

1/03/24	JAL	PLAN REVISION 8
6/29/23	JAL	PLAN REVISION 4
DATE	BY	REVISION
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60631225P		

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

MISCELLANEOUS QUANTITIES
BUS RAPID TRANSIT
CITY OF MADISON



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LAST PLOT DATE: 1/13/2024
FILE NAME:

SIGNING REMOVALS SHEET 16 OF 18

638.2102 638.2602 638.3000 638.3100 638.4000
 REMOVING


MOVING REMOVING REMOVING STRUCTURAL MOVING SIGN
 SIGNS SIGNS SMALL SIGN STEEL SIGN SMALL SIGN MOUNTED
 TYPE II TYPE II SUPPORTS SUPPORTS SUPPORTS ON/SAME
 EACH EACH EACH EACH EACH POST AS

SIGN #	SIGN CODE	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	SIGN MOUNTED ON/SAME POST AS	REMARKS
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SHEET 15 SUBTOTALS: 94 307 140 3 18

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
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
19EM-01	R7-1D	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

SHEET 16 SUBTOTALS: 103 324 152 3 20

 REVISED 11/21/23 JAL

PLAN REVISION 8	11/21/23	JAL
PLAN REVISION 5	7/21/23	JAL
PLAN REVISION 4	4/27/23	JAL
REVISION	DATE	BY
Designed By: AECOM	Date: 11/20/23	Scale: NTS
Mark: 90631225P		

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



60631225P
 MQ-SR16

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 LAST PLOT DATE - 11/20/2023
 FILE NAME:

SIGNING REMOVALS SHEET 17 OF 18

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:		103	324	152	3	20		
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
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)
22ER-02	R3-5R	---	1	---	---	---	---	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
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

SHEET 17 SUBTOTALS:

111

340

161

3

23



REVISED 11/21/23 JAL

PLAN REVISION 8	11/21/23	JAL
PLAN REVISION 5	7/21/23	JAL
PLAN REVISION 4	4/27/23	JAL
REVISION	DATE	BY
Mark	Date	Scale: NTS
Designed By: AECOM	11/20/2023	
90631225P		

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



60631225P
 MQ-SR17

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 LAST PLOT DATE - 11/20/2023

SIGNING REMOVALS SHEET 18 OF 18

638.2102 638.2602 638.3000 638.3100 638.4000

REMOVING

MOVING	REMOVING	REMOVING	STRUCTURAL	MOVING	SIGN
SIGNS	SIGNS	SMALL SIGN	STEEL SIGN	SMALL SIGN	MOUNTED
TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME
#	CODE	EACH	EACH	EACH	POST AS

REMARKS

SHEET 17 SUBTOTALS:



340 161 3 23

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)
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

PROJECT TOTALS:



348 164 3 23



REVISED 11/21/23 JAL

PLAN REVISION 8	11/21/23	JAL
PLAN REVISION 5	7/21/23	JAL
PLAN REVISION 4	4/27/23	JAL
REVISION	DATE	BY
Designed By: AECOM	Date:	Scale: NTS
90631225P	11/20/2023	

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

MISCELLANEOUS QUANTITIES
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P
 MQ-SR18

PERMANENT SIGNING SHEET 19 OF 21

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					POSTS WOOD 4X6-INCH						POSTS TUBULAR STEEL 2X2-INCH					SIGN MOUNTED	REMARKS	
			SIGN		SIGN TYPE II			SIGN TYPE II		SIGN TYPE II		SIGN TYPE II		SIGN TYPE II		SIGN TYPE II					POST AS
			SIZE	SIGN TYPE I	SIGN TYPE II	REFLECTIVE H	SIGN TYPE II	SIGN TYPE II	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT			
REFLECTIVE SH SF	REFLECTIVE H SF	FOLDING SF	REFLECTIVE SH SF	REFLECTIVE F SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH					
SHEET 18 SUBTOTALS:			228.00	1862.11	5.18	446.00	35.00	2	3	5	31	10	62	26	9	2					
15E-20	M1-94H	VARIESX18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	OH	CROSS ROAD NAME OH RETHKE AVE RT ARROW			
16E-01	**BUS EXCEPT	30X36	--	7.50	--	--	--	--	--	--	--	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			
17E-09	R1-10P(MOD)	42X24	--	--	--	7.00	--	--	--	--	--	--	--	--	--	--	17E-08(OH STRUCTURE)	EXCEPT 4PM - 6PM MON-FRI OH STRUCTURE			
18E-01	R3-50R(MOD)	30X42	--	8.75	--	--	--	--	--	--	--	--	--	--	--	--	POLE	RIGHT LANE RIGHT TURN ARROW ONLY			
18E-02	R3-8LAR	54X30	--	11.25	--	--	--	--	--	--	--	2	--	--	--	--	--	VARIOUS ONLYS (LEFT ONLY/THRU ONLY/RIGHT ONLY)			
18E-03	R3-5R	42X48	--	--	--	14.00	--	--	--	--	--	--	--	--	--	--	OH STRUCTURE	LANE CONTROL SYMBOL W/BLACK BORDER - RIGHT ARROW			
18E-04	R3-5L	42X48	--	--	--	14.00	--	--	--	--	--	--	--	--	--	--	18E-05(OH STRUCTURE)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW			
18E-05	R3-6R	42X48	--	--	--	14.00	--	--	--	--	--	--	--	--	--	--	18E-04(OH STRUCTURE)	AHEAD/RIGHT LANE CONTROL SYMBOL W/ BLACK BORDER - ARROW			
19E-01	R9-6	12X18	--	1.50	--	--	--	--	--	1	--	--	--	--	--	--	--	BIKE YIELD TO PEDS			
19EM-01	R7-1D	18X24	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	NO PARKING ANY TIME (DOUBLE ARROW)			
19E-02	R3-LF	36X30	--	7.50	--	--	--	--	--	--	--	1	--	--	--	--	--	VARIOUS ONLYS (LEFT ONLY/THRU-RIGHT)			
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			

SHEET 19 SUBTOTALS: 258.00 1979.61 5.18 523.00 35.00 2 3 6 31 10 69 30 9 2

REVISED 1/04/24 JAL

PLAN REVISION 8	JAL	1/04/24
PLAN REVISION 5	JAL	6/27/23
PLAN REVISION 4	JAL	4/27/23
REVISION	DATE	BY
Mark	Designed By: AECOM	Date: 1/4/2024
90631225P		Scale: NTS

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



60631225P
 MQ-PS19

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx
 LAST PLOT DATE: 1/14/2024

PERMANENT SIGNING SHEET 20 OF 21

		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 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 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 19 SUBTOTALS:			258.00	1979.61	5.18	523.00	35.00	2	3	6	31	10	69	30	9	2		
20EM-05	J1-1	24X39	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	JUNCTION OR END ASSEMBLY
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	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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
SHEET 20 SUBTOTALS:			258.00	2061.86	5.18	530.00	35.00	2	3	7	31	10	71	31	9	2		

REVISED 1/04/24 JAL

PLAN REVISION 8	JAL	1/04/24
PLAN REVISION 5	JAL	6/27/23
PLAN REVISION 4	JAL	4/27/23
REVISION	DATE	BY
Mark	Date: 1/4/2024	Scale: NTS
Designed By: AECOM	90631225P	




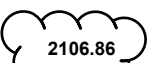
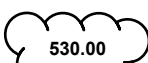
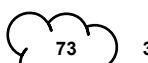
MISCELLANEOUS QUANTITIES
 BUS RAPID TRANSIT
 CITY OF MADISON
 60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C




60631225P
 MQ-PS20

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 LAST PLOT DATE - 1/4/2024

PERMANENT SIGNING SHEET 21 OF 21

		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 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 20 SUBTOTALS:			258.00	 2061.86	5.18	 530.00	35.00	2	3	7	31	10	 71	31	9	2		
24E-07	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	24E-06 POLE	KEEP RIGHT
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	 2106.86	5.18	 530.00	35.00	2	3	8	31	10	 73	32	9	2		

 REVISED 1/04/24 JAL

PLAN REVISION 8	JAL	1/04/24
PLAN REVISION 5	JAL	6/27/23
PLAN REVISION 4	JAL	4/27/23
REVISION	DATE	BY
Designed By: AECOM	Date: 1/4/2024	Scale: NTS
90631225P		

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



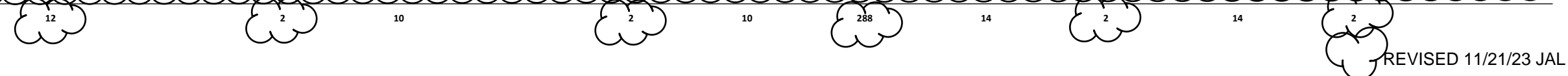
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MQ-PS21

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 FILE NAME:

OVERHEAD SIGNING STRUCTURES

BASE NUMBER	STATION	OFFSET	L/R	SPV.0060.206	SPV.0060.209		SPV.0060.247	SPV.0060.217	SPV.0060.251	531.2042	531.5130.01	531.5130.02	SPV.0060.286	SPV.0060.287	NOTES
				CONCRETE BASES TYPE LB-8	INSTALL POLE		INSTALL TRAFFIC SIGNAL TROMBONE ARM			FOUNDATION SINGLE-SHAFT		INSTALL MONOTUBE CANTILEVER			
				EACH	20-FOOT 7 GAUGE	20-FOOT 7 GAUGE (GREEN)		20-FOOT	15-FOOT (GREEN)	DRILLING SHAFT 42- INCH	TYPE MC-III (2-SIGN OSS)	TYPE MC-III (3-SIGN OSS)	TYPE III (2-SIGN OSS)	TYPE III (3-SIGN OSS)	
					EACH	EACH		EACH	EACH	LF	EACH	EACH	EACH	EACH	
OSS-1	81+00 'MP'	6.2	RT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 4W-01 & 4W-02
OSS-2	106+65 'MP'	1.3	RT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 6W-01 & 6W-02
OSS-3	135+51 'MP'	0.8	RT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 8W-05 & 8W-06
OSS-4	159+66 'MP'	3.9	LT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 10W-07 & 10W-08
OSS-5	180+99 'MP'	0.3	RT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 11W-06 & 11W-07
OSS-6	197+24 'MP'	1.3	LT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 13W-01 & 13W-02
OSS-7	32+27 'WW'	12.0	RT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 13W-04 & 13W-05
OSS-8	57+29 'WW'	1.7	LT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 15W-09 & 15W-10
OSS-9	16+68 'SE'	51.1	RT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 20W-01 & 20W-02
OSS-10	313+00 'UC'	8.3	LT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 21W-01 & 21W-02
OSS-11	365+63 'UC'	5.2	RT	--	--	--	--	--	--	18	1	--	1	--	SIGNS 25W-07 & 25W-08
OSS-12	202+59 'JO'	25	RT	1	1	--	--	1	--	--	--	--	--	--	SIGNS 30W-04 & 30W-05
OSS-13	245+38 'JO'	30.3	RT	--	--	--	--	--	--	18	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	--	--	--	--	--	--	18	--	1	--	1	SIGNS 9E-01, 9E-02 & 9E-03
OSS-17	311+44 'WA'	1.5	LT	--	--	--	--	--	--	18	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'	9.7	RT	--	--	--	--	--	--	18	--	--	--	--	SIGNS 17E-07 & 17E-08
OSS-27	35+26 'WR'	204.0	LT	1	1	--	--	1	--	--	--	--	--	--	SIGN 18E-03
OSS-28	21+71 'AN'	27.2	LT	--	--	--	--	--	--	18	--	1	--	1	SIGNS 18E-04 & 18E-05

PROJECT TOTALS:



11/21/23	JAL	PLAN REVISION 8	Scale: NTS
04/27/23	JAL	PLAN REVISION 4	Date: 11/21/2023
		REVISION	BY:
		DATE	

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 BUS RAPID TRANSIT
 CITY OF MADISON



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