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August 1, 2023

NOTICE OF PLAN REVISION
PLAN REVISION NO. 4
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:

ADD: ARTICLE 7-6 Remove, Salvage and Reinstall Bike Rack, Item SPV.0060.450.

A Description

This special provision describes removing and salvaging a bike rack as shown on the plans.

B (Vacant)

C Construction

Carefully remove the existing bicycle rack and reinstall the bike rack on the existing sidewalk as shown in the plans. Provide fasteners as necessary to properly secure the bike rack to the new concrete pad.

If the bike rack cannot be reinstalled immediately after removal, store the disassemble of all materials outside of the right-of-way according to standard spec 204 until timing of installation.

D Measurement

The City of Madison will measure Remove, Salvage, and Reinstall Bike Rack as each individual unit, acceptably completed.

E Payment

The City of Madison will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.450	Remove, Salvage, and Reinstall Bike Rack	EA

Payment is full compensation for disassembling, removing, relocating and reinstalling including any

fasteners, disposal of any materials. Payment includes storage if reinstallation cannot occur immediately after installation.

ADD: ARTICLE 16-48 INSTALL MONOTUBE CANTILEVER TYPE III (2-SIGN OSS), ITEM SPV.0060.286; INSTALL MONOTUBE CANTILEVER TYPE III (3-SIGN OSS), ITEM SPV.0060.287.

A Description

This special provision describes transporting and installing overhead sign structures according to the standard specifications, and as hereinafter provided.

B Materials

The City of Madison will furnish the overhead sign structures. Obtain poles and arms from the City of Madison at 3829 Hanson Rd, Madison, WI 53704. Contact Ed Smith of City of Madison at (608) 266-9034 to make arrangements for picking up the furnished materials, minimum of three working days prior to picking the materials up. Furnish any hardware not provided by the City of Madison, according to standard spec 532. This includes furnishing galvanized direct tension indicating (DTI) washers, and galvanized high strength bolts, nuts, and washers conforming to standard spec 506.2.5 and 532.2.

C Construction

Under each bid item, transport and install monotube cantilever and all necessary miscellaneous hardware needed to complete the installation of the poles and arms.

Install equipment in accordance to standard spec 532.3.

Inspect according to 532.3.8 prior to opening to traffic.

D Measurement

The City of Madison will measure Install Monotube Cantilever Type III (description) as each individual unit, acceptably completed.

E Payment

The City of Madison will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.286	Install Monotube Cantilever Type III (2-Sign OSS)	EA
SPV.0060.287	Install Monotube Cantilever Type III (3-Sign OSS)	EA

Payment is full compensation for transporting and installing City-furnished monotube cantilevers; for high-strength bolt/nut/washer assemblies and DTIs, including those required for testing; and other required components the City does not furnish.

REVISE: SECTION 23 00 00 – MECHANICAL AND PLUMBING FOR COMFORT STATION AS FOLLOWS

Revise:
2.10 ELECTRIC WALL HEATER (EWH-1-3, EUH-1)

- A. Janitor's closet and toilet space: Fan forced 13 MBH, 208 V., single phase recessed -mounted, with integral thermostat. QMark CWH3408F, or approved equal.
- B. Electrical room: Fan forced electric unit heater, 17 MBH each, 208 V., single phase, ceiling mounted with integral thermostat. QMark MUH05-81, or approved equal.

Revise:

2.13 UNTEMPERED COOLING (SF-1)

- A. Electrical room: 4,200 CFM inline centrifugal fan, direct drive, 2 HP motor, 460 V., three phase, with integral VFD. Greenheck Model SQ-160-A, or approved equal.

Revise:

3.05 UNTEMPERED COOLING

A. Units Served:

- a. SF-1

B. General

- a. Control damper CD-7 shall fail open upon loss of power.

C. Normal Mode: Off

- a. Fan: Off
- b. Control damper: Closed

D. Automatic Mode: On.

- a. Units shall be controlled by space thermostat set at 65°F (field adjustable). On call for heat, thermostat shall engage with electric wall heaters within space. When space heating requirements are satisfied, thermostat shall disengage with electric wall heaters within space.

PLANS:

REMOVE AND INSERT REVISED PLAN SHEETS AS NOTED BELOW.

Plan Set 1

SHEET O-5 (REV 6/6/2023): Updated stair riser and handrail column for University Avenue at East Campus Mall WB.

SHEET CR19-W (REV 7/3/2023): Updated grading.

SHEET CR8-E (REV 4/6/2023): Updated curb ramp linework to align ramps. Updated points MA (101, 102, 103, 104, 105, 106, 107, 108, 117), CR (101, 102, 108, 109), and MC (100, 101, 102, 103, 104, 108, 109, 110, 111, 112, 113). Added points MC (120, 121, 122).

SHEET CR9-E (REV 4/10/2023): Updated curb ramp linework to align ramps. Updated points MB (102, 107, 108, 109, 110, 111, 112, 113, 126, 129, 130).

SHEET CR10-E (REV 4/10/2023): Updated curb ramp linework to align ramps. Updated points CR (100, 101, 102, 103, 104, 108, 109) and MD (102, 103, 107, 108, 109, 110, 111, 112, 115).

SHEET CR17-E (REV 6/16/2023): Updated curb ramp linework to include bus pad.

SHEET CR17B-E (REV 6/16/2023): Updated curb ramp linework to include bus pad.

Plan Set 2

SHEET R0-W (REV 5/30/2023): S109 revised to be within proposed R/W.

SHEET R-0WB (REV 5/30/2023): S109 revised to be within proposed R/W.

SHEET P-0W (REV 5/30/2023): S109 revised to be within proposed R/W.

SHEET G-0W (REV /2023): Revised location of charger. Removed curb adjacent to ramp.

SHEET G-0WB (REV 5/30/2023): S109 revised to be within proposed R/W.

SHEET G-0WD (REV 5/30/2023): S109 revised to be within proposed R/W. Grading updated as a result.

SHEET P-11W (REV 6/19/2023): Clarification of callouts per RFI request.

SHEET P-11W (REV 6/19/2023): Clarification of callouts per RFI request.

SHEET G-11W (REV 6/19/2023): Revised grading.

SHEET G-11W (REV 6/19/2023): Revised grading.

SHEET P-25W (REV 5/11/2023): Clarification of callouts per RFI request.

SHEET G-25W (REV 5/11/2023): Elevation updates.

SHEET G1-E (REV 4/25/2023): Added points SSW44 and SSW45. Station ramp slope labels updated.

SHEET G2-E (REV 4/25/2023): Moved points SSE (37, 38, 39). Added point SSE81.

SHEET G3-E (REV 5/3/2023): Updated table so points WAW (64, 65, 66) are visible. Moved and updated points WAW40 and WAW63. Station ramp slope labels updated.

SHEET G5-E (REV 6/21/2023): Updated point MLE15 elevation. Added points MLE80 and MLE81. Ramp slope label updated.

SHEET P7-E (REV 4/5/2023): Updated linework for jointing west bound lane. Updated asphalt linework for tie-in on west end of median.

SHEET G7-E (REV 4/5/2023): Updated linework for jointing west bound lane. Updated asphalt linework for tie-in on west end of median. Updated point BSC82. Added points BSC (83, 84, 85, 86, 87).

SHEET G8-E (REV 5/3/23): Added/ updated station ramp slope labels. Points PSC28 moved and

updated.

SHEET G9-E (REV 4/25/2023): Added point BSC69.

SHEET G10-E (REV 6/21/2023): Updated point FSC54 elevation.

SHEET P13-E (REV 4/5/2023): Updated curb ramp linework to align ramps.

SHEET PD13-E (REV 4/5/2023): Updated curb ramp linework to align ramps.

SHEET G12-E (REV 4/25/2023): Added point MIC60.

SHEET G13-E (REV 4/5/2023): Updated curb ramp linework to align ramps. Updated points MIE16 and MIE67.

SHEET G13A-E (REV 4/5/2023): Updated points MIE16 and MIE67.

SHEET G15-E (REV 5/4/2023): Added station ramp slope label. Points MSC23 and MSC37 moved and updated.

SHEET G16-E (REV 4/26/2023): Moved point MC28. Added points MC (66, 67, 68).

SHEET R18-E (REV 6/16/2023): Added sidewalk removal for new bus pad.

SHEET P18-E (REV 6/16/2023): Added bus pad.

SHEET G18-E (REV 6/16/2023): Added/ updated station ramp slope labels and added bus pad.

SHEET R19-E (REV 6/16/2023): Added sidewalk removal for new bus pad.

SHEET P19-E (REV 6/16/2023): Added bus pad.

SHEET G19-E (REV 5/4/2023): Added station ramp slope label and added bus pad.

SHEET R22-E (REV 6/16/2023): Added sidewalk removal for new bus pad.

SHEET P22-E (REV 6/16/2023): Added bus pad.

SHEET G22B-E (NEW 6/16/2023): New sheet added for additional bus pad area.

SHEET R23-E (REV 6/16/2023): Added sidewalk removal for new bus pad.

SHEET P23-E (REV 6/16/2023): Added bus pad.

SHEET G23-E (REV 6/16/2023): Added bus pad area.

SHEET G24-E (REV 4/26/2023): Added points TRE (75, 76, 77).

SHEET P25-E (REV 4/19/2023): Added dimension labels for station platform ramp and landing.

SHEET P26-E (REV 6/16/2023): Added bus pad.

SHEET G27-E (REV 4/26/2023): Added points ILE83 and ILE84.

SHEET P28-E (REV 6/16/2023): Added bus pad.

SHEET G28-E (REV 6/16/2023): Added bus pad area.

SHEET R36-E (REV 5/31/2023): Sun Prairie Park and Ride Site update to use existing laterals based on City of Sun Prairie request.

SHEET P36-E (REV 5/31/2023): Sun Prairie Park and Ride Site update to use existing laterals based on City of Sun Prairie request.

SHEET U36-E (REV 5/31/2023): Sun Prairie Park and Ride Site update to use existing laterals based on City of Sun Prairie request.

SHEET G36-E (REV 5/31/2023): Sun Prairie Park and Ride Site update to use existing laterals based on City of Sun Prairie request.

SHEET P37-E (REV 5/31/2023): Storm Schedule updated based on Junction Rd site plan review (S109).

SHEET P40-E (REV 5/31/2023): Storm Schedule updated based on Junction Rd site plan review (S109).

SHEET P41-E (REV 5/31/2023): Storm Schedule updated based on Junction Rd site plan review (S109).

SHEET P47-E (REV 5/31/2023): Sanitary Schedule updated based on City of Sun Prairie request.

Plan Set 3

SHEET S32-A (REV 4/21/2023): Added new 3-section signal head 12.

SHEET S32-B (REV 4/21/2023): Updated head numbers and phasing.

SHEET S32-C (REV 4/21/2023): Added new 3-section signal head 14.

SHEET S32-D (REV 4/21/2023): Updated head numbers and phasing.

SHEET S32-E (REV 4/21/2023): Updated cable routing for head 14.

Plan Set 4

SHEET E-1G (REV 6/20/2023): Revised cabinet details to clarify cabinets installed on concrete pads.

SHEET E-1R (REV 6/20/2023): Reduced snowmelt area for Junction Road.

SHEET E-2A (REV 6/20/2023): Reduced snowmelt area for Junction Road.

SHEET E-2B (REV 6/20/2023): Modified cabinet locations at Junction Road.

Plan Set 8

SHEET PMD-1 (REV 4/28/2023): Revised pavement marking detail.

SHEET PMD-2 (REV 4/28/2023): Added BRT platform – cycle track crosswalk layout detail.

SHEET MR29-W (REV 4/28/2023): Updated limits of existing pavement marking removals.

SHEET MR30-W (REV 4/28/2023): Updated limits of existing pavement marking removals.

SHEET M-LEG (REV 5/30/2023): Updated Pavement Marking bid items and updated general notes.

SHEET M1A-W (REV 5/31/2023): Added dimensioning to markings layout.

SHEET M3-W (REV 4/28/2023): Revised pavement marking word and arrow layout, and updated lane extension lines at High Point Road/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M4-W (REV 4/28/2023): Updated median dotted line marking limits at Westward Way/Ganser Way. Revised pavement marking word and arrow layout, and updated lane extension lines at Randolph Drive/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M5-W (REV 4/28/2023): Revised pavement marking word and arrow layout, and updated lane extension lines at Westfield Road/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M6-W (REV 4/28/2023): Revised pavement marking word and arrow layout, and updated lane extension lines at Gammon Road/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M7-W (REV 4/28/2023): Revised pavement marking word and arrow layout, and updated lane extension lines at Gammon Road/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M8-W (REV 4/28/2023): Revised pavement marking word and arrow layout, and updated lane extension lines at Grand Canyon Road/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M9-W (REV 4/28/2023): Updated median pavement marking limits at Nautilus Drive. Revised pavement marking word and arrow layout, and updated lane extension lines at Yellowstone Drive/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M10-W (REV 4/28/2023): Revised pavement marking word and arrow layout, and updated lane extension lines at Island Drive/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M11-W (REV 4/28/2023): Revised pavement marking word and arrow layout, and updated lane extension lines at Rosa Road/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M12-W (REV 4/28/2023): Revised pavement marking word and arrow layout, and updated lane extension lines at Rosa Road/Mineral Point Road intersection. Added lane extension turning paths table.

SHEET M13-W (REV 4/28/2023): Added lane extension turning paths table.

SHEET M14-W (REV 4/28/2023): Updated pavement marking word layout.

SHEET M15-W (REV 4/28/2023): Updated pavement marking word layout.

SHEET M16-W (REV 4/28/2023): Updated pavement marking word layout.

SHEET M17-W (REV 4/28/2023): Added lane line and bike lane buffer around proposed median station platform. Updated pavement marking word layout.

SHEET M19-W (REV 4/28/2023): Added lane extension turning paths table.

SHEET M29-W (REV 4/28/2023): Removal of proposed markings east of Babcock Drive to Randall Avenue on University Avenue.

SHEET M30-W (REV 4/28/2023): Removal of proposed markings east of Babcock Drive to Randall Avenue on University Avenue. Updated pavement markings for Orchard Street bus platform.

SHEET M4-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M5-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M6-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M7-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M9-E (REV 4/28/2023): Updated lane extension lines at First Street/E. Washington Avenue intersection. Added lane extension turning paths table. Updated pavement marking word layout.

SHEET M10-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M11-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M12-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M13-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M14-E (REV 4/28/2023): Updated lane extension lines at Aberg Avenue/E. Washington Avenue interchange. Added lane extension turning paths table. Updated pavement marking word layout.

SHEET M15-E (REV 4/28/2023): Updated lane extension lines at Aberg Avenue/E. Washington Avenue interchange. Added lane extension turning paths table. Updated pavement marking word layout.

SHEET M16-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M17-E (REV 4/28/2023): Updated pavement marking word layout.

SHEET M18-E (REV 4/28/2023): Updated lane extension lines at Wright Street/Anderson Street intersection. Added lane extension turning paths table. Updated pavement marking word layout.

SHEET M20-E (REV 4/28/2023): Updated lane extension lines at Mendota Street/E. Washington Avenue intersection. Added lane extension turning paths table. Updated pavement marking word layout.

Plan Set 9

SHEET SR-3W (REV 04/27/2023): Updated sign removals.

SHEET SR-4W (REV 04/27/2023): Updated sign removals.

SHEET SR-5W (REV 04/27/2023): Updated sign removals.

SHEET SR-6W (REV 04/27/2023): Updated sign removals.

SHEET SR-7W (REV 04/27/2023): Updated sign removals.

SHEET SR-8W (REV 04/27/2023): Updated sign removals.

SHEET SR-9W (REV 04/27/2023): Updated sign removals.

SHEET SR-10W (REV 04/27/2023): Updated sign removals.

SHEET SR-11W (REV 04/27/2023): Updated sign removals.

SHEET SR-12W (REV 04/27/2023): Updated sign removals.

SHEET SR-17W (REV 04/27/2023): Updated sign removals.

SHEET SR-21W (REV 04/27/2023): Updated sign removals.

SHEET SR-29W (REV 04/27/2023): Updated sign removals.

SHEET SR-33W (REV 04/27/2023): Updated sign removals.

SHEET SR-34W (REV 04/27/2023): Updated sign removals.

SHEET SR-5E (REV 06/27/2023): Updated sign removals.

SHEET SR-8E (REV 06/27/2023): Updated sign removals.

SHEET SR-10E (REV 06/27/2023): Updated sign removals.

SHEET SR-11E (REV 06/27/2023): Updated sign removals.

SHEET SP-1W (REV 04/27/2023): Update proposed signing.

SHEET SP-1AW (REV 6/12/2023): Updated proposed signing.

SHEET SP-3W (REV 04/27/2023): Update proposed signing.

SHEET SP-4W (REV 04/27/2023): Updated proposed monotube arm location and symbol (OSS-1).
Updated proposed signing.

SHEET SP-5W (REV 04/27/2023): Updated proposed signing.

SHEET SP-6W (REV 04/27/2023): Updated proposed monotube arm symbol (OSS-2). Updated
proposed signing.

SHEET SP-7W (REV 04/27/2023): Updated proposed signing.

SHEET SP-8W (REV 04/27/2023): Updated proposed monotube arm location and symbol (OSS-3).
Updated proposed signing.

SHEET SP-9W (REV 04/27/2023): Updated proposed signing.

SHEET SP-10W (REV 04/27/2023): Updated proposed monotube arm location and symbol (OSS-4). Updated proposed signing.

SHEET SP-11W (REV 04/27/2023): Updated proposed monotube arm symbol (OSS-5). Updated proposed signing.

SHEET SP-12W (REV 04/27/2023): Updated proposed signing.

SHEET SP-13W (REV 04/27/2023): Updated proposed monotube arm location and symbol (OSS-6 and OSS-7).

SHEET SP-15W (REV 04/27/2023): Updated proposed monotube arm size, location, and symbol (OSS-8).

SHEET SP-17W (REV 04/27/2023): Updated proposed signing.

SHEET SP-20W (REV 04/27/2023): Updated proposed monotube arm location and symbol (OSS-9).

SHEET SP-21W (REV 04/27/2023): Updated proposed monotube arm location and symbol (OSS-10). Updated proposed signs.

SHEET SP-25W (REV 04/27/2023): Updated proposed monotube arm size, location, and symbol (OSS-11).

SHEET SP-29W (REV 04/27/2023): Updated proposed signing.

SHEET SP-30W (REV 04/27/2023): Updated proposed trombone arm size and sign locations (OSS-12). Updated proposed signing.

SHEET SP-33W (REV 04/27/2023): Updated proposed monotube arm location and symbol (OSS-13). Updated proposed signing.

SHEET SP-34W (REV 04/27/2023): Updated proposed signing.

SHEET SP-4E (REV 06/27/2023): Updated proposed signing.

SHEET SP-5E (REV 06/27/2023): Updated proposed signing.

SHEET SP-6E (REV 06/27/2023): Updated proposed signing.

SHEET SP-7E (REV 06/27/2023): Updated proposed signing.

SHEET SP-8E (REV 06/27/2023): Updated proposed signing.

SHEET SP-9E (REV 06/27/2023): Updated proposed signing.

SHEET SP-10E (REV 06/27/2023): Updated proposed monotube arm size, location, and symbol (OSS-17) and updated proposed signing.

SHEET SP-11E (REV 06/27/2023): Updated proposed signing.

SHEET SP-12E (REV 06/27/2023): Updated proposed signing.

SHEET SP-13E (REV 06/27/2023): Updated proposed signing.

SHEET SP-14E (REV 06/27/2023): Updated proposed signing.

SHEET SP-15E (REV 06/27/2023): Updated proposed signing.

SHEET SP-16E (REV 06/27/2023): Updated proposed signing.

SHEET SP-17E (REV 04/27/2023): Updated proposed monotube arm size, location, and symbol (OSS-26).

SHEET PSD-1 (REV 06/27/2023): Updated sign plate construction details.

SHEET PSD-2 (REV 06/27/2023): Updated sign plate construction details.

SHEET PSD-3 (REV 04/27/2023): Updated sign plate construction details.

SHEET PSD-4 (REV 04/27/2023): Updated sign plate construction details.

SHEET PSD-5 – PSD-8 (NEW 04/27/2023): Added sign plate construction details.

SHEET PSD-9 (REM 4/27/2023): Sign was removed.

SHEET PSD-10 - PSD-14 (NEW 04/27/2023): Added sign plate construction details.

SHEET PSD-15 (NEW 06/13/2023): Added sign plate construction details.

SHEET PSD-16 (NEW 06/13/2023): Added sign plate construction details.

SHEET PSD-17 – PSD-21 (NEW 04/27/2023): Added sign plate construction details.

SHEET PSD-22 (NEW 05/31/2023): Added sign plate construction details.

SHEET PSD-23 (NEW 04/27/2023): Added sign plate construction details.

SHEET PSD-24 – PSD-30 (NEW 4/27/2023): Monotube Cantilever Details

Plan Set 10

SHEET S-S304 (REV 07/07/2023): Updated charger details.

SHEET A100 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A101 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request, overhead charger shown in Platform Type A6 detail.

SHEET A102 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A103 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request, overhead charger shown in Platform Type A6 detail.

SHEET A104 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A110 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A111 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.
Clarification on labels.

SHEET A112 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A113 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A115 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A116 (REV 07/13/2023): Platform layout modification to accommodate overhead charger, relocated electrical cabinet.

SHEET A117 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A119 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A121 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.

SHEET A122 (REV 07/13/2023): Clarification on tactile warning strip/directional tile per RFI request.
Adjustment of ticket vending machine and trash can.

SHEET A130 (REV 07/13/2023): Sawcut joint patterns updated to reflect platform adjustments for clear boarding areas.

SHEET A131 (REV 07/13/2023): Sawcut joint patterns updated to reflect platform adjustments for clear boarding areas.

SHEET A132 (REV 07/13/2023): Sawcut joint patterns updated to reflect platform adjustments for clear boarding areas.

SHEET A207 (REV 07/13/2023): Overhead charger added to elevations, revised electrical cabinet location.

SHEET A400 (REV 07/13/2023): Monolith signage detail added.

SHEET A401 (REV 07/13/2023): Modified details to add brake metal and remove bird spikes per RFI clarification.

SHEET A402 (REV 07/13/2023): Adjusted roof drain pipe size per RFI clarification.

SHEET A404 (REV 07/13/2023): Adjusted roof drain pipe size per RFI clarification.

SHEET A405 (REV 07/13/2023): Adjusted roof drain pipe size per RFI clarification.

SHEET A407 (REV 07/13/2023): Adjusted roof drain pipe size per RFI clarification.

SHEET A408 (REV 07/13/2023): Modified detail to add brake metal and remove bird spikes per RFI clarification.

SHEET A409 (REV 07/13/2023): Modified docking guide strip detail.

SHEET A410 (REV 07/13/2023): Adjusted roof drain pipe size per RFI clarification.

SHEET A415 (REV 07/13/2023): Adjusted roof drain pipe size per RFI clarification.

SHEET A416 (REV 07/13/2023): Adjusted roof drain pipe size per RFI clarification.

SHEET A417 (REV 07/13/2023): Adjusted roof drain pipe size per RFI clarification.

SHEET A418 (REV 07/13/2023): Updated conduit detail at column.

SHEET A422 (REV 07/13/2023): Updated note for curbside ramp handrail detail.

SHEET S101 (REV 2/28/2023): Updated HVAC to modified untempered cooling.

SHEET S401 (REV 2/28/2023): Updated HVAC to modified untempered cooling.

SHEET M001 (REV 2/28/2023): Updated HVAC to modified untempered cooling.

SHEET M002 (REV 2/28/2023): Updated HVAC to modified untempered cooling.

SHEET M601 (REV 2/28/2023): Updated HVAC to modified untempered cooling.

SHEET E001 (REV 5/10/2023): Updated HVAC electrical to modified untempered cooling.

SHEET E002 (REV 5/10/2023): Updated HVAC electrical to modified untempered cooling.

SHEET E006 (REV 5/10/2023): Updated HVAC electrical to modified untempered cooling.

Plan Set 11

SHEET MQ-37 (REV 6/16/2023): Quantities updated.

SHEET MQ-38 (REV 6/16/2023): Quantities updated.

SHEET MQ6-E (REV 4/28/2023): Quantities updated due to updated jointing and asphalt linework.

SHEET MQ15-E (REV 6/20/2023): Quantities updated due to added temp bus pad.

SHEET MQ16-E (REV 6/20/2023): Quantities updated due to added temp bus pad.

SHEET MQ19-E (REV 6/20/2023): Quantities updated due to added temp bus pad.

SHEET MQ20-E (REV 6/20/2023): Quantities updated due to added temp bus pad.

SHEET MQ22-E (REV 6/20/2023): Quantities updated due to added temp bus pad.

SHEET MQ23-E (REV 6/20/2023): Quantities updated due to added temp bus pad.

SHEET MQ24-E (REV 6/20/2023): Quantities updated due to added temp bus pad.

SHEET MQ-42 (REV 6/16/2023): Quantities updated based on City of Sun Prairie utility request.

SHEET MQ1-S (REV 5/18/2023): Station offsets provided per contractor request.

SHEET MQ33-S (REV 5/18/2023): Station offsets provided per contractor request.

SHEET MQ36-S (REV 5/18/2023): Station offsets provided per contractor request.

SHEET MQ61-S (REV 4/21/2023): Quantities updated due to additional 3-section head being added.

SHEET MQ63-S (REV 5/18/2023): Station offsets provided per contractor request.

SHEET MQ66-S (REV 5/18/2023): Station offsets provided per contractor request.

SHEET MQ-PMR1 – PMR5 (REV 4/28/2023): Revised quantities.

SHEET MQ-PML1-PML7 (REV 5/31/2023): Revised quantities.

SHEET MQ-PML8– PML14 (REV 4/28/2023): Revised quantities.

SHEET MQ-PM1S – PM7S (REV 4/28/2023): Revised quantities.

SHEET MQ-SR1 – SR18 (REV 6/29/2023): Revised quantities.

SHEET MQ-PS1-PS21 (REV 6/27/2023): Revised quantities.

SHEET MQ-OSS1 (REV 04/28/2023): Revised Overhead Signing Structures Quantity Table

PROPOSAL:

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

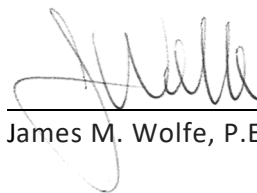
ACTION	ITEM NO.	DESCRIPTION	UNITS	QUANTITY CHANGE
INCREASE QUANTITY	201.0120	Clearing	ID	+3
INCREASE QUANTITY	201.0220	Grubbing	ID	+3
DECREASE QUANTITY	204.0100	Removing Concrete Pavement	SY	-30
DECREASE QUANTITY	204.0150	Removing Curb & Gutter	LF	-55
INCREASE QUANTITY	204.0155	Removing Concrete Sidewalk	SY	+114
INCREASE QUANTITY	205.0100	Excavation Common	CY	+4
INCREASE QUANTITY	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	+31
DECREASE QUANTITY	305.0130	Base Aggregate Dense 3-Inch	TON	-43
INCREASE QUANTITY	405.0100	Coloring Concrete WisDOT Red	CY	+30
DECREASE QUANTITY	415.0100	Concrete Pavement 10-Inch	SY	-41
DECREASE QUANTITY	415.0110	Concrete Pavement 11-Inch	SY	-6

DECREASE QUANTITY	415.4100	Concrete Pavement Joint Filling	SY	-48
DECREASE QUANTITY	455.0605	Tack Coat	GAL	-10
DECREASE QUANTITY	460.2000	Incentive Density HMA Pavement	DOL	-10
INCREASE QUANTITY	460.6224	HMA Pavement 4 MT 58-28 S	TON	-9
INCREASE QUANTITY	520.8000	Concrete Collars for Pipe	EACH	+1
ADDED ITEM	531.2042	Drilling Shaft 42-Inch	LF	+270
ADDED ITEM	531.5130.01	Foundation Single-Shaft Type MC-III (2-Sign OSS)	EACH	+14
ADDED ITEM	531.5130.02	Foundation Single-Shaft Type MC-III (3-Sign OSS)	EACH	+1
DECREASE QUANTITY	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	-6
INCREASE QUANTITY	602.0410	Concrete Sidewalk 5-Inch	SF	+1600
INCREASE QUANTITY	602.0420	Concrete Sidewalk 7-Inch	SF	+10
INCREASE QUANTITY	611.0535	Manhole Covers Type J-Special	EACH	+1
DECREASE QUANTITY	624.0100	Water	MGAL	-1.4
INCREASE QUANTITY	625.0100	Topsoil	SY	+243
INCREASE QUANTITY	628.2006	Erosion Mat Urban Class I Type A	SY	+390
INCREASE QUANTITY	628.6505	Soil Stabilizer Type A	ACRE	+0.05
INCREASE QUANTITY	629.0210	Fertilizer Type B	CWT	+0.12
INCREASE QUANTITY	630.0500	Seed Water	MGAL	+8.9
DECREASE QUANTITY	634.0809	Posts Tubular Steel 2x2-Inch x 9.5-FT	EACH	-3
INCREASE QUANTITY	634.0810	Posts Tubular Steel 2x2-Inch x 10-FT	EACH	+1
INCREASE QUANTITY	634.0811	Posts Tubular Steel 2x2-Inch x 11-FT	EACH	+3
INCREASE QUANTITY	634.0812	Posts Tubular Steel 2x2-Inch x 12-FT	EACH	+1
INCREASE QUANTITY	634.0814	Posts Tubular Steel 2x2-Inch x 14-FT	EACH	+3
INCREASE QUANTITY	638.2102	Moving Signs Type II	EACH	+24
INCREASE QUANTITY	638.2602	Removing Signs Type II	EACH	+17
INCREASE QUANTITY	638.3000	Removing Small Sign Supports	EACH	+1
INCREASE	637.2210	Signs Type II Reflective H	SF	+192.83

QUANTITY				
INCREASE QUANTITY	637.2220	Signs Type II Reflective SH	SF	+7
INCREASE QUANTITY	646.1020	Marking Line Epoxy 4-Inch	LF	+657
DECREASE QUANTITY	646.1545	Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	LF	-90
DECREASE QUANTITY	646.3545	Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch	LF	-304
DECREASE QUANTITY	646.5120	Marking Word Epoxy	EACH	+21
DECREASE QUANTITY	646.5220	Marking Symbol Epoxy	EACH	-4
DECREASE QUANTITY	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	-70
DECREASE QUANTITY	654.0120	Concrete Bases Type 10-Special	EACH	-1
DECREASE QUANTITY	690.0150	Sawing Asphalt	LF	-122
INCREASE QUANTITY	690.0250	Sawing Concrete	LF	+41
DECREASE QUANTITY	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	-13
DECREASE QUANTITY	SPV.0060.102	Marking Removal Special - Arrows, Words and Symbols	EACH	-5
DECREASE QUANTITY	SPV.0060.206	Concrete Bases Type LB-8	EACH	-14
DECREASE QUANTITY	SPV.0060.209	Install Pole 20-Foot 7 Gauge	EACH	-12
DECREASE QUANTITY	SPV.0060.214	Install Pole Type 9-Special	EACH	-1
DECREASE QUANTITY	SPV.0060.215	Install Monotube Arms 35-Foot	EACH	-1
DECREASE QUANTITY	SPV.0060.218	Install Traffic Signal Trombone Arm 22- Foot	EACH	-1
DECREASE QUANTITY	SPV.0060.219	Install Traffic Signal Trombone Arm 25- Foot	EACH	-11
INCREASE QUANTITY	SPV.0060.220	Install Traffic Signal Heads 12-Inch 3- Section	EACH	+1
INCREASE QUANTITY	SPV.0060.225	Install Backplates Signal Face 3-Section 12-Inch	EACH	+1
DECREASE QUANTITY	SPV.0060.247	Install Pole 20-Foot 7 Gauge (Green)	EACH	-2
DECREASE QUANTITY	SPV.0060.254	Install Traffic Signal Trombone Arm 22- Foot (Green)	EACH	-2
DECREASE QUANTITY	SPV.0060.274	Install Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	-13
ADDED ITEM	SPV.0060.286	Install Monotube Cantilever Type III (2- Sign OSS)	EACH	+14
ADDED ITEM	SPV.0060.287	Install Monotube Cantilever Type III (3- Sign OSS)	EACH	+1
INCREASE	SPV.0060.631	Furnish & Install Insulation	EACH	+1

QUANTITY				
ADDED ITEM	SPV.0060.450	Remove, Salvage, and Reinstall Bike Rack	EACH	+1
INCREASE QUANTITY	SPV.0085.501	Seeding	LB	+5.8
DECREASE QUANTITY	SPV.0090.001	Concrete Curb & Gutter 30-Inch Type A Special	LF	-10
INCREASE QUANTITY	SPV.0090.102	Pavement Marking Epoxy Stop Line 24- Inch	LF	+10
INCREASE QUANTITY	SPV.0090.103	Pavement Marking Epoxy Line 6-Inch	LF	+90
DECREASE QUANTITY	SPV.0090.104	Pavement Marking Epoxy Line 8-Inch	LF	-10
INCREASE QUANTITY	SPV.0090.105	Pavement Marking Epoxy Diagonal Line 4-Inch	LF	+51
INCREASE QUANTITY	SPV.0090.107	Pavement Marking Epoxy Radius Line 5- Inch	LF	+12
DECREASE QUANTITY	SPV.0090.109	Marking Removal Longitudinal Line 8- Inch Wide Max	LF	-829
DECREASE QUANTITY	SPV.0090.110	Marking Removal Wide Line Greater Than 8-Inch Wide	LF	-48
DECREASE QUANTITY	SPV.0090.603	4-Inch Sanitary Sewer Lateral	LF	-141
DECREASE QUANTITY	SPV.0090.610	Select Fill for Sanitary Sewer	LF	-22
DECREASE QUANTITY	SPV.0090.611	6-Inch Sanitary Sewer Lateral	LF	+119
DECREASE QUANTITY	SPV.0165.101	Methyl Methacrylate Red	SF	-1506

Sincerely,



James M. Wolfe, P.E., City Engineer

STATION PLATFORM LOCATION	PLATFORM DIRECTION	PLATFORM LENGTH (FT)	PLATFORM WIDTH (FT)	PLATFORM HEIGHT (IN)	CANOPY SIZE	LONGITUDINAL SLOPE	CROSS SLOPE	PLATFORM DETAIL DWG NO.	DISCHARGE TYPE	STAIR RISE	HANDRAIL	SOLAR PANELS
JUNCTION ROAD	END OF LINE	60	10	13.5	20'-5" x 9'-6"	0.9%	1.50%	CURBSIDE CHARGING STATION (A6)	GRASS AREA AND CONNECT TO SEWER			
JUNCTION ROAD	END OF LINE	60	10	13.5	20'-5" x 9'-6"	1.2%	1.50%	CURBSIDE CHARGING STATION (A6)				
MINERAL POINT ROAD AT HIGH POINT ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	2.2%	1.50%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
MINERAL POINT ROAD AT WESTFIELD ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.6%	1.7-1.5%	CENTER (B1)	DISCHARGE TO FLOWLINE			YES
MINERAL POINT ROAD AT GRAND CANYON DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	3.0%	1.50%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
MINERAL POINT ROAD AT ISLAND DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.6%	1.50%	CENTER (B1)	DISCHARGE TO FLOWLINE			YES
MINERAL POINT ROAD AT ROSA ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.7%	1.50%	CENTER (B1)	DISCHARGE TO FLOWLINE			YES
WHITNEY WAY AT MINERAL POINT ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	5.0%	1.50%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
WHITNEY WAY AT REGENT STREET	EB/WB	50	12	13.5	23'-5" X 11'-0"	1.2%	1.50%	REDUCED CENTER (C)	NO STORM SEWER			
SHEBOYGAN AVENUE AT EAU CLAIRE AVENUE	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.1%	1.50%	CENTER (B1)	NO STORM SEWER			YES
SHEBOYGAN AVENUE AT SEGOE ROAD	WB	60	10	13.5	60'-6" x 9'-6"	2.4%	1.50%	CURBSIDE - ISLAND (A1)	DISCHARGE TO FLOWLINE			YES
SHEBOYGAN AVENUE AT SEGOE ROAD	EB	60	10	13.5	60'-6" x 9'-6"	2.7%	1.50%	CURBSIDE CENTER (A7)				YES
UNIVERSITY AVENUE AT MIDVALE BOULEVARD	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.9%	1.50%	CENTER (B1)				
UNIVERSITY AVENUE AT SHOREWOOD BOULEVARD	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.4%	1.40%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.5%	1.50%	CENTER (B1)	DIRECT CONNECT TO SEWER			YES
UNIVERSITY AVENUE AT ORCHARD STREET	WB	60	10	13.5	60'-6" x 9'-6"	0.3%	1.50%	CURBSIDE (A2)	DIRECT CONNECT TO SEWER	1 RISER 7.0"	NO	YES
JOHNSON STREET AT ORCHARD STREET	EB	60	10	13.5	60'-6" x 9'-6"	0.4%	1.50%	CURBSIDE (A2)	DIRECT CONNECT TO SEWER	1 RISER 6.72"	NO	YES
UNIVERSITY AVENUE AT EAST CAMPUS MALL	WB	60	10	13.5	60'-6" x 9'-6"	0.5%	1.50%	CURBSIDE (A1)		1 RISER 5.0"	NO	YES
UNIVERSITY AVENUE AT EAST CAMPUS MALL	SB	60	10	13.5	N/A	0.3%	1.50%	NO CANOPY				
JOHNSON STREET AT EAST CAMPUS MALL	EB	60	10	13.5	60'-6" x 9'-6"	1.1%	1.50%	CURBSIDE (A1)	NO STORM SEWER			YES
STATE STREET - GORHAM STREET	WB	50	10	13.5	23'-5" X 9'-6"	1.6-1.7%	1.50%	REDUCED CURBSIDE (A4)	DISCHARGE TO FLOWLINE	1 RISERS 6"	NO	
STATE STREET - JOHNSON STREET	EB	50	10	13.5	23'-5" X 9'-6"	2.3%	1.50%	REDUCED CURBSIDE (A3)	DIRECT CONNECT TO INLET *	1 RISER 6"	NO	
CAPITOL SQUARE - MIFFLIN STREET AT WISCONSON AVENUE	WB	60	10	13.5	60'-6" x 9'-6"	1.0%	1.50%	CURBSIDE (A2)	DIRECT CONNECT TO INLET *	2 RISERS 5.67"	YES	YES
CAPITOL SQUARE - MAIN STREET AT MARTLIN LUTHER KING BOULEVARD	EB	60	10	13.5	60'-6" x 9'-6"	1.4%	1.50%	CURBSIDE (A2)	DIRECT CONNECT TO INLET *	2 RISERS 5.55"	YES	YES
EAST WASHINGTON AVENUE AT BLAIR STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	4.3%	1.30%	CENTER (B2)	DISCHARGE TO FLOWLINE			YES
EAST WASHINGTON AVENUE AT PATERSON STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.2-0.4%	1.5-0.5%	CENTER (B2)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT BALDWIN STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.5%	1.50%	CENTER (B2)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT FIRST STREET	EB/WB	60	12	13.5	60'-6" X 11'-0"	3.4-3.5%	1.5-1.4%	CENTER (B1)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT FOURTH STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.8%	1.50%	CENTER (B2)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT MILWAUKEE-NORTH STREET	WB	60	10	13.5	60'-6" X 9'-6"	0.4%	1.00%	CURBSIDE CENTER (A5)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT MILWAUKEE-NORTH STREET	EB	60	10	13.5	60'-6" X 9'-6"	1.2%	0.80%	CURBSIDE CENTER (A5)	DIRECT CONNECT TO MANHOLE			YES
EAST WASHINGTON AVENUE AT MARQUETTE STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.4%	1.50%	CENTER (B2)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT MELVIN COURT-RETHKE AVENUE	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.4%	1.5-1.3%	CENTER (B2)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT WRIGHT STREET - FAIR OAKS AVENUE	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.6%	1.50%	CENTER (B1)	DIRECT CONNECT TO INLET			YES
WRIGHT STREET AT ANDERSON STREET	WB	60	10	13.5	60'-6" X 9'-6"	1.0%	1.50%	CURBSIDE - ISLAND (A2)	DISCHARGE TO FLOWLINE - NO TLE			YES
WRIGHT STREET AT ANDERSON STREET	EB	60	10	13.5	60'-6" X 9'-6"	1.1%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET	1 RISER 6.5"	NO	YES
EAST WASHINGTON AVENUE AT MENDOTA STREET	WB	50	10	13.5	23'-5" X 9'-6"	0.5%	1.50%	REDUCED CURBSIDE (A4)	DISCHARGE TO FLOWLINE			
EAST WASHINGTON AVENUE AT MENDOTA STREET	EB	60	10	13.5	60'-6" X 9'-6"	0.6%	1.50%	CURBSIDE - ISLAND (A1)	DISCHARGE TO FLOWLINE	1 RISER 6.5"	NO	YES
EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE	WB	60	10	13.5	60'-6" X 9'-6"	0.4%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE	EB	60	10	13.5	60'-6" X 9'-6"	0.4%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET *			YES
EAST WASHINGTON AVENUE AT INDEPENDENCE LANE	WB	60	10	13.5	60'-6" X 9'-6"	1.1%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT INDEPENDENCE LANE	EB	60	10	13.5	60'-6" X 9'-6"	1.3%	1.50%	CURBSIDE - ISLAND (A1)	DIRECT CONNECT TO INLET			YES
EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE	WB	60	10	13.5	60'-6" X 9'-6"	2.9%	1.50%	CURBSIDE - ISLAND (A1)	DISCHARGE TO FLOWLINE			YES
EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE	EB	60	10	13.5	60'-6" X 9'-6"	2.4%	1.50%	CURBSIDE - ISLAND (A2)	DISCHARGE TO FLOWLINE			YES
HANSON ROAD TEST PLATFORM	EB/WB	60	12	13.5	N/A	0.3%	1.50%	NO CANOPY				

* DOWNSPOUT ORIENTATION FLIPPED TO FRONT STATION

PLATFORM & CANOPY TYPE	TOTAL
CURBSIDE (A1)	2
CURBSIDE (A2)	4
CURBSIDE - ISLAND (A1)	8
CURBSIDE - ISLAND (A2)	2
REDUCED CURBSIDE (A3)	1
REDUCED CURBSIDE (A4)	2
CURBSIDE CENTER (A5)	2
CURBSIDE CHARGING STATION (A6)	2
CURBSIDE CENTER (A7)	1
CENTER (B1)	12
CENTER (B2)	6
REDUCED CENTER (C)	1
NO CANOPY	2

06/06/23	MEM
PLAN REVISION 4	04/21/23
PLAN REVISION 3	04/21/23
PLAN REVISION 1	03/12/23
ADDENDUM 3 & ADDENDUM 4	11/22/23
MARK	DATE
Designed By: AECOM	Date: 2023-07-10
60631225P	Scale: N/A

PROJECT OVERVIEW

CITY OF MADISON

60631225P

BUS RAPID TRANSIT

CITY OF MADISON

60631225C

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

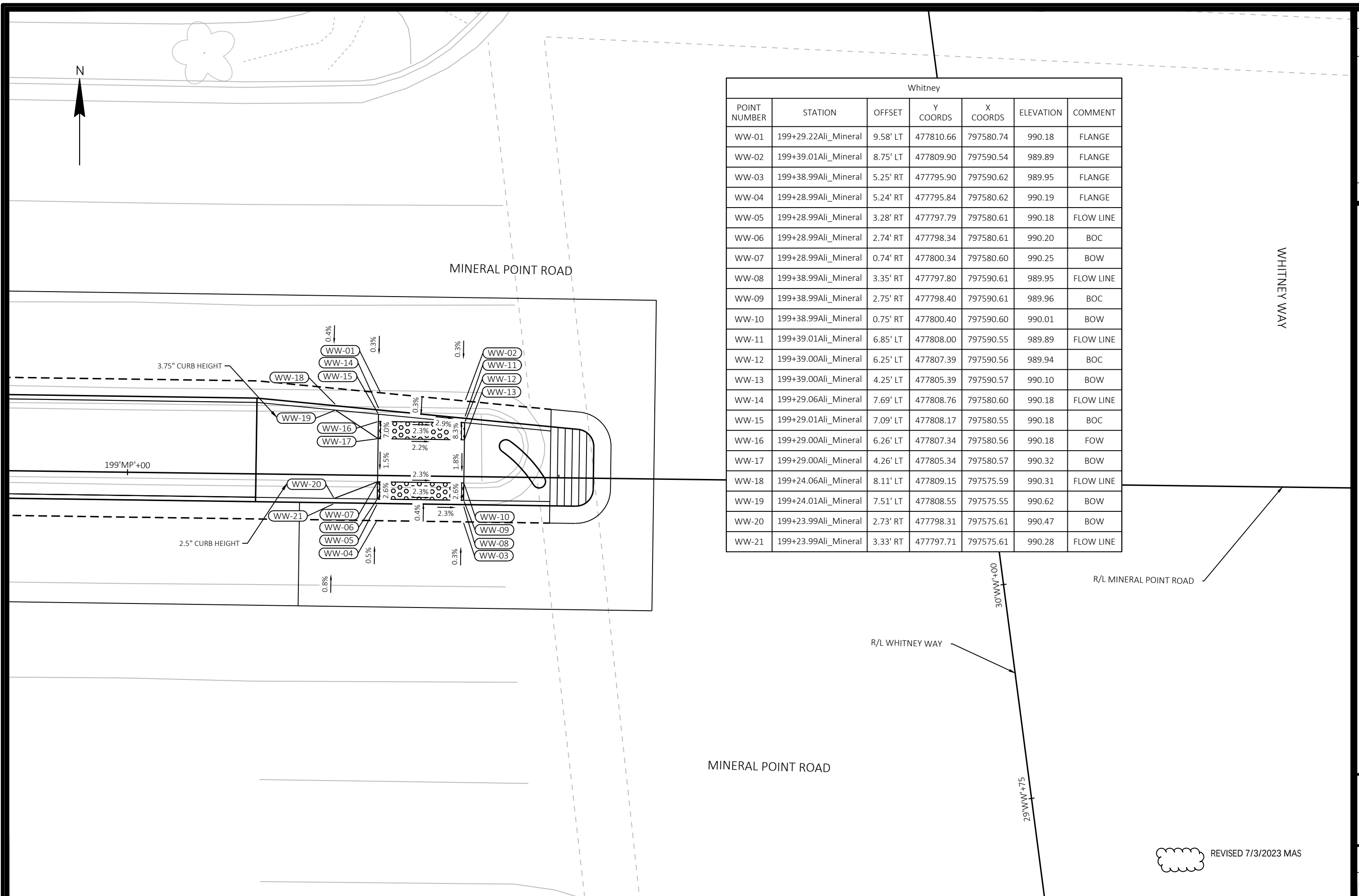


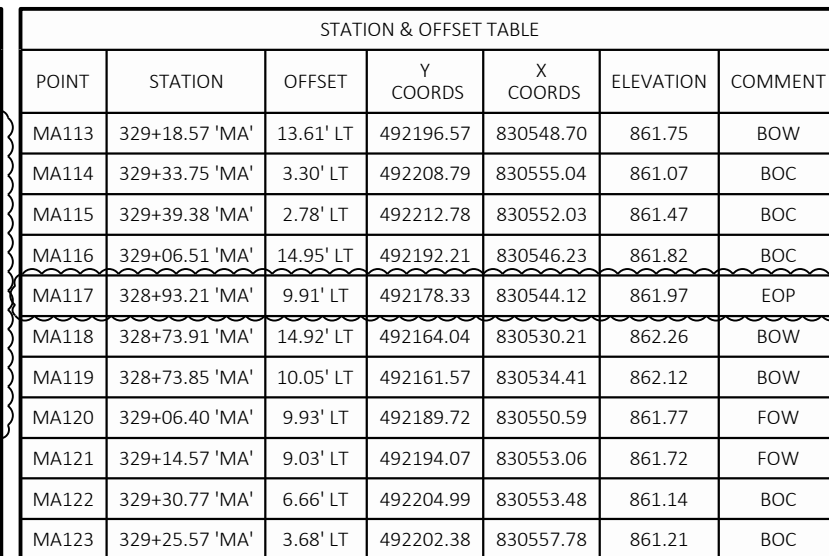
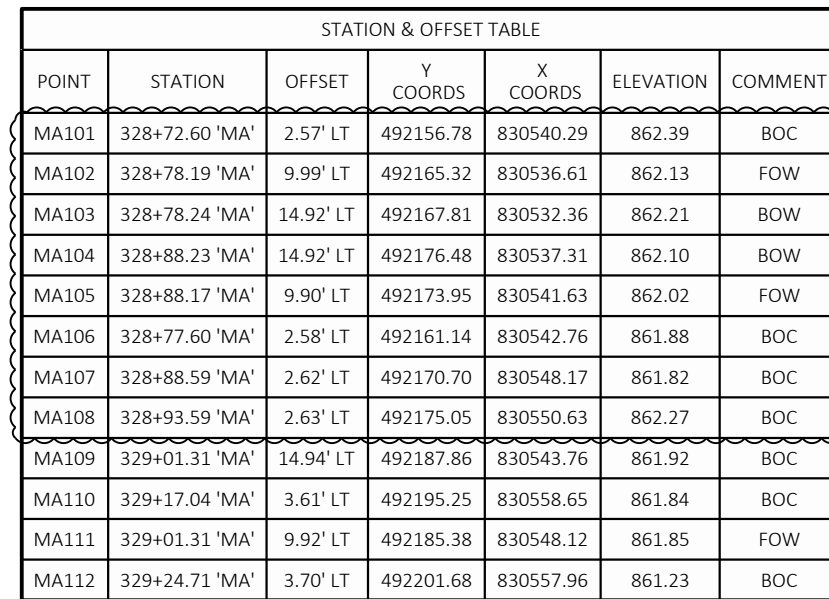
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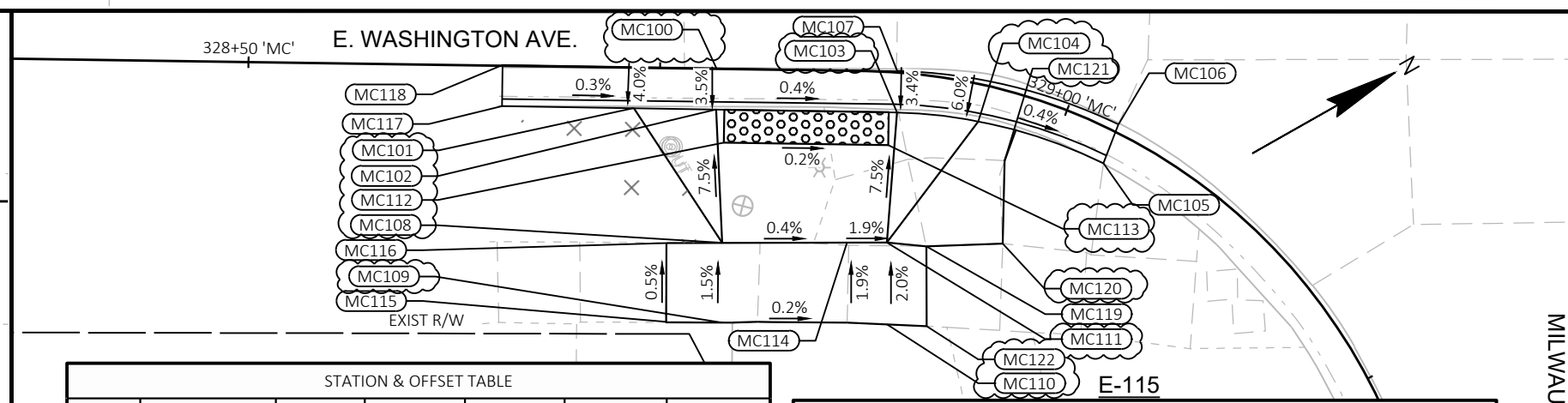


REVISED 06/06/2023 MEM



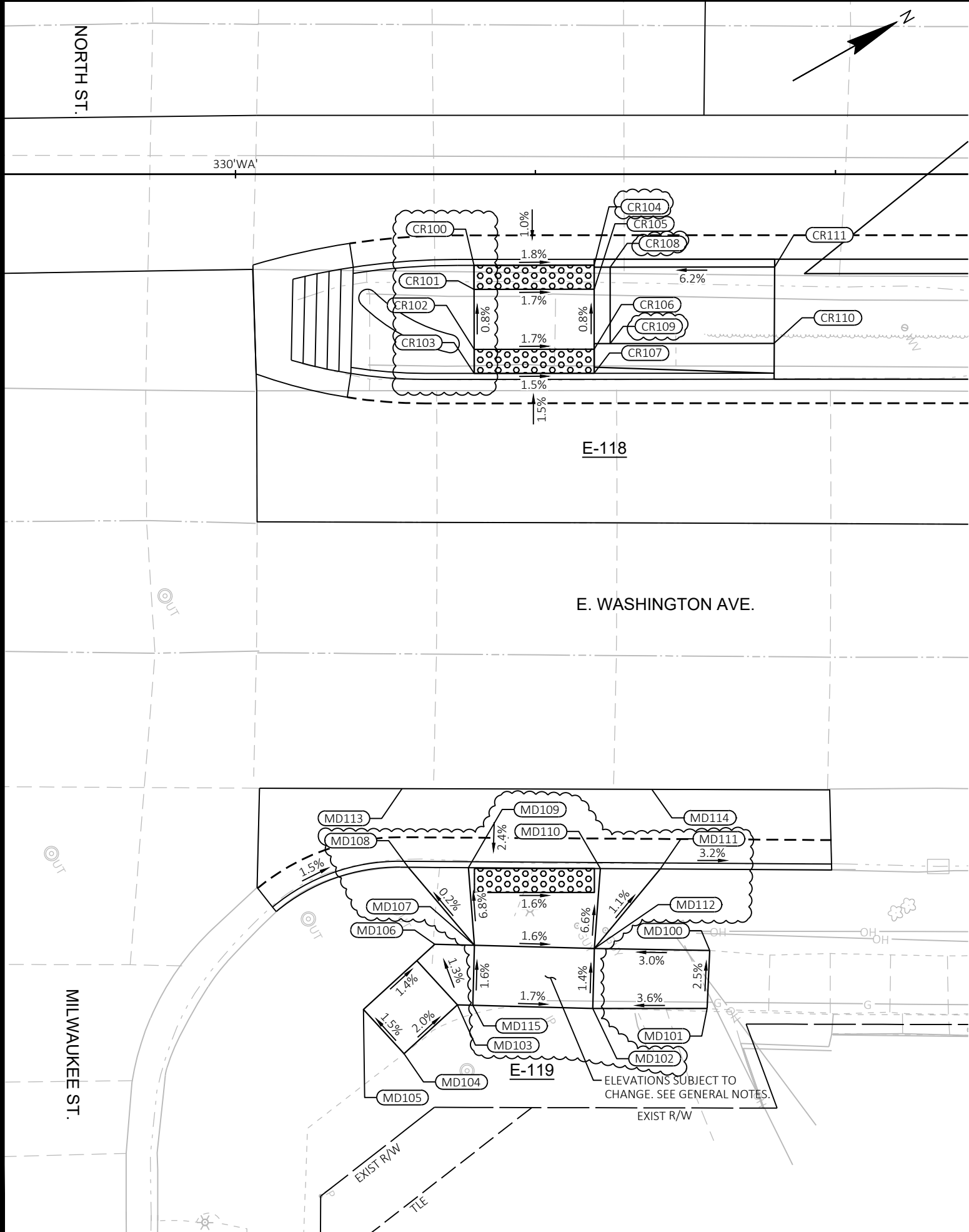


STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
CR100	328+79.00 'WA'	3.01' LT	492138.64	830582.13	862.77	EOP
CR101	328+78.97 'WA'	0.96' LT	492137.61	830583.90	862.73	FOW
CR102	328+88.99 'WA'	2.80' LT	492147.23	830587.24	862.74	EOP
CR103	328+88.96 'WA'	0.80' LT	492146.22	830588.97	862.69	FOW
CR104	328+78.90 'WA'	3.99' RT	492135.10	830588.17	862.65	FOW
CR105	328+78.87 'WA'	5.99' RT	492134.09	830589.90	862.61	EOP
CR106	328+88.89 'WA'	4.01' RT	492143.79	830593.12	862.61	FOW
CR107	328+88.86 'WA'	6.01' RT	492142.77	830594.84	862.57	EOP
CR108	328+67.09 'WA'	3.02' LT	492128.28	830576.26	863.21	TOP
CR109	328+66.88 'WA'	5.98' RT	492123.67	830583.99	863.06	TOP



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC100	328+78.43 'MC'	0.00'	492103.11	830641.78	861.88	EOP
MC101	328+73.43 'MC'	2.45' RT	492097.56	830641.37	862.29	BOC
MC102	328+78.43 'MC'	2.46' RT	492101.87	830643.90	861.87	BOC
MC103	328+89.56 'MC'	2.43' RT	492111.34	830649.47	861.81	BOC
MC104	328+94.88 'MC'	2.23' RT	492115.37	830652.38	861.93	BOC
MC105	329+03.44 'MC'	2.03' RT	492120.74	830658.34	862.16	MATCH
MC106	329+03.17 'MC'	0.46' LT	492122.67	830656.74	861.82	MATCH
MC107	328+89.40 'MC'	0.07' LT	492112.59	830647.31	861.84	EOP
MC108	328+78.93 'MC'	10.56' RT	492098.21	830651.14	862.48	FOW
MC109	328+78.97 'MC'	15.40' RT	492095.81	830655.35	862.55	BOW
MC110	328+90.14 'MC'	15.31' RT	492104.47	830660.38	862.50	BOW
MC111	328+89.50 'MC'	10.35' RT	492106.91	830656.05	862.41	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC112	328+78.93 'MC'	4.46' RT	492101.29	830645.88	862.03	FOW
MC113	328+89.12 'MC'	4.45' RT	492109.90	830650.94	862.01	FOW
MC114	328+86.49 'MC'	10.43' RT	492104.81	830654.86	862.45	FOW
MC115	328+75.58 'MC'	15.39' RT	492092.88	830653.63	862.53	BOW
MC116	328+75.53 'MC'	10.61' RT	492095.25	830649.47	862.51	FOW
MC117	328+65.43 'MC'	2.44' RT	492090.66	830637.32	862.24	MATCH
MC118	328+65.43 'MC'	0.05' LT	492091.92	830635.17	861.96	MATCH
MC119	328+92.92 'MC'	10.29' RT	492108.89	830657.43	862.36	MATCH
MC120	328+99.06 'MC'	8.94' RT	492113.01	830659.57	862.28	MATCH
MC121	328+97.26 'MC'	4.14' RT	492115.59	830655.25	862.00	MATCH
MC122	328+94.39 'MC'	15.05' RT	492106.51	830661.66	862.47	MATCH



REVISED 4/10/23 DJC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
CR100	330+19.88 'WA'	7.59' RT	492256.02	830660.77	861.71	EOP
CR101	330+19.89 'WA'	9.59' RT	492255.03	830662.51	861.72	FOW
CR102	330+19.89 'WA'	14.59' RT	492252.57	830666.86	861.76	FOW
CR103	330+19.89 'WA'	16.59' RT	492251.59	830668.60	861.72	EOP
CR104	330+29.88 'WA'	7.58' RT	492264.72	830665.69	861.53	EOP
CR105	330+29.89 'WA'	9.58' RT	492263.74	830667.43	861.55	FOW
CR106	330+29.89 'WA'	14.58' RT	492261.27	830671.78	861.59	FOW
CR107	330+29.89 'WA'	16.58' RT	492260.29	830673.53	861.57	EOP
CR108	330+31.22 'WA'	7.75' RT	492265.80	830666.50	861.56	TOP
CR109	330+31.23 'WA'	14.10' RT	492262.68	830672.03	861.60	TOP
CR110	330+44.87 'WA'	14.10' RT	492274.55	830678.74	862.45	TOP
CR111	330+44.93 'WA'	7.74' RT	492277.74	830673.24	862.41	TOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MD100	330+39.53 'WA'	64.68' RT	492244.98	830720.13	861.86	MATCH
MD101	330+39.30 'WA'	69.51' RT	492242.41	830724.22	861.98	MATCH
MD102	330+29.78 'WA'	69.50' RT	492234.12	830719.52	861.64	BOW
MD103	330+18.49 'WA'	69.22' RT	492224.44	830713.71	861.81	BOW
MD104	330+14.04 'WA'	73.29' RT	492218.56	830715.06	861.93	MATCH
MD105	330+10.67 'WA'	69.60' RT	492217.45	830710.19	861.85	MATCH
MD106	330+16.61 'WA'	64.17' RT	492225.29	830708.39	861.73	FOW
MD107	330+19.91 'WA'	64.25' RT	492228.12	830710.09	861.73	FOW
MD108	330+14.40 'WA'	57.75' RT	492226.54	830701.72	861.71	BOC
MD109	330+19.40 'WA'	57.78' RT	492230.87	830704.21	861.29	BOC
MD110	330+30.40 'WA'	57.85' RT	492240.41	830709.69	861.13	BOC
MD111	330+35.40 'WA'	57.89' RT	492244.74	830712.18	861.47	BOC
MD112	330+29.91 'WA'	64.51' RT	492236.70	830715.24	861.57	FOW
MD113	330+13.88 'WA'	51.19' RT	492229.31	830695.75	861.44	EOP
MD114	330+34.73 'WA'	51.29' RT	492247.41	830706.11	861.20	EOP
MD115	330+19.78 'WA'	69.25' RT	492225.55	830714.38	861.81	BOW

60631225P

CITY OF MADISON

CR10-E

CURB RAMP DETAILS

BUS RAPID TRANSIT

60631225P

CITY OF MADISON

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4

4/10/23

DATE

BY

1

MARK

REVISION

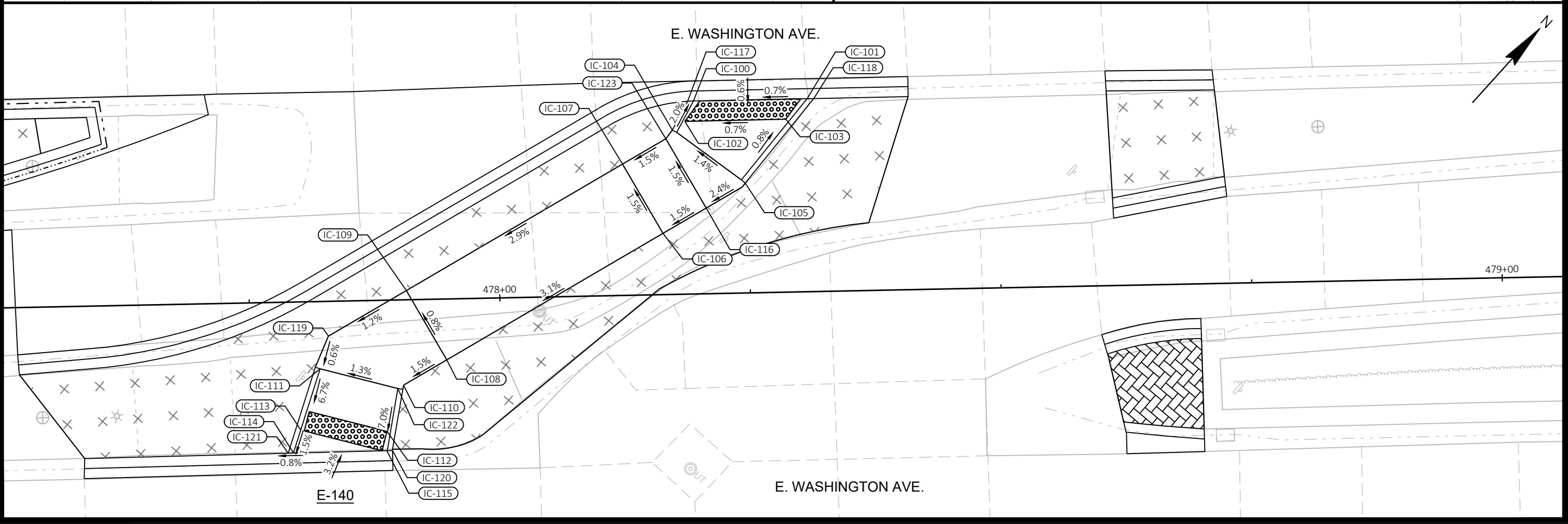
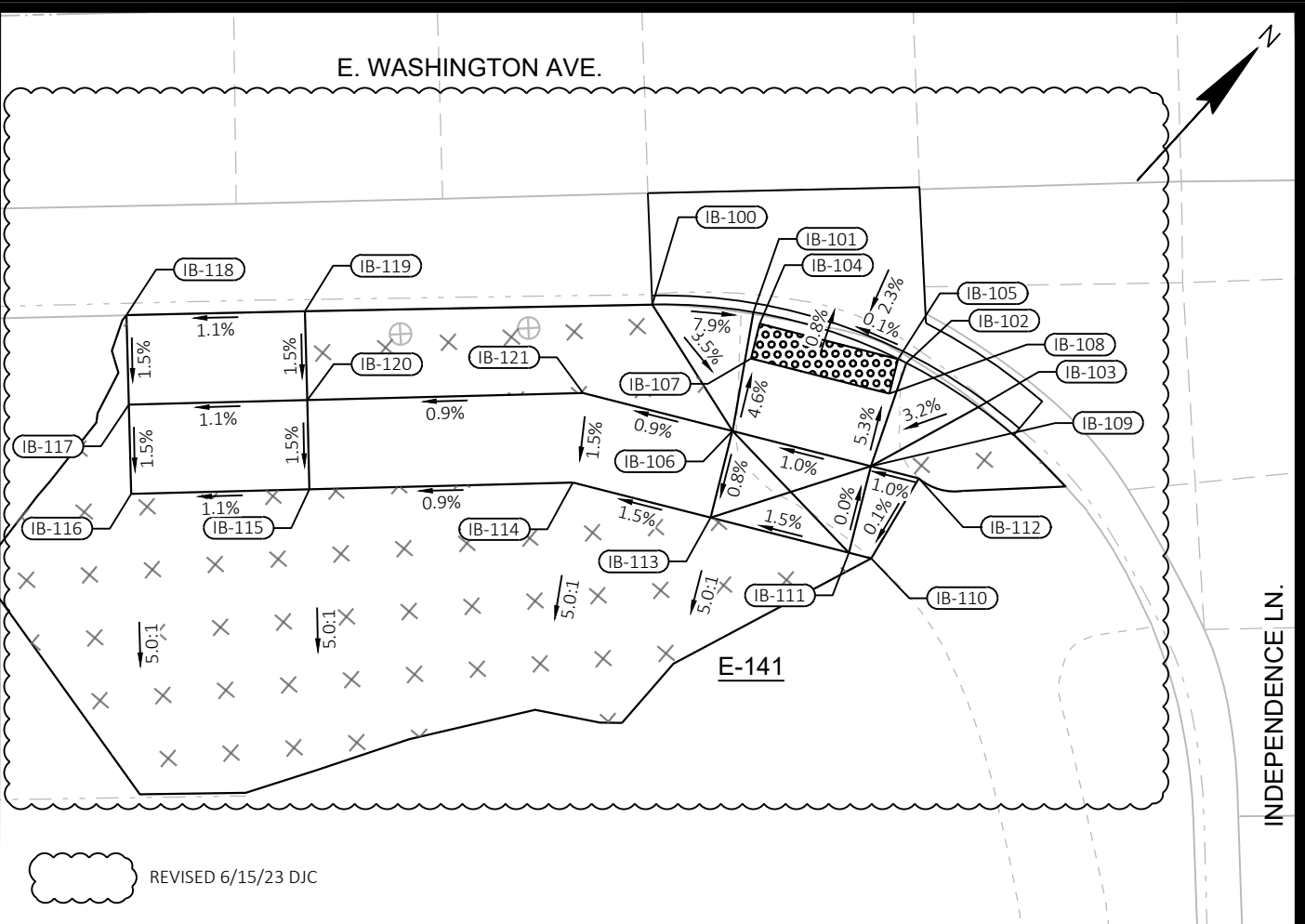
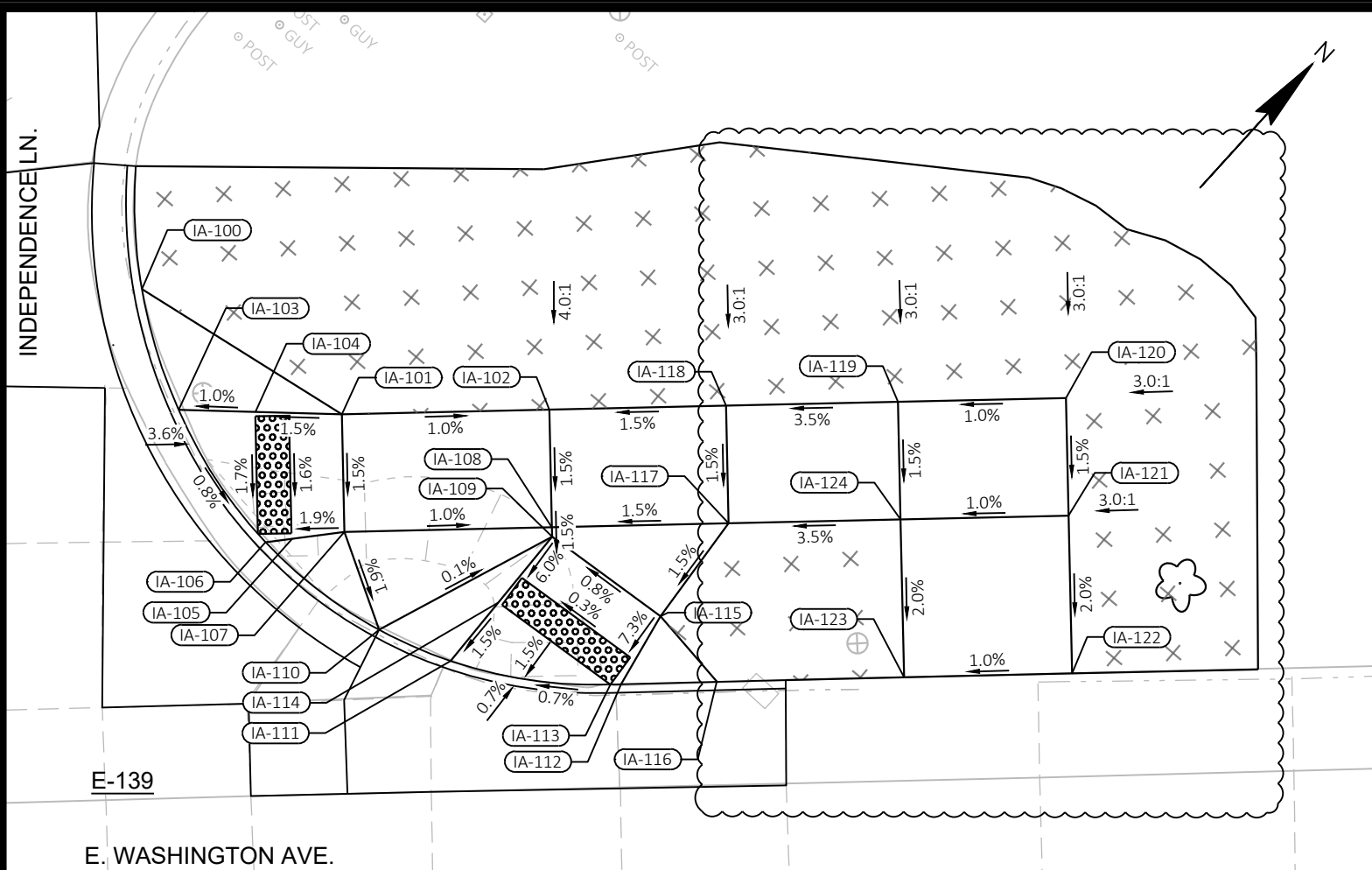
2023-04-10

Scale: 1" = 10'

Designed By: STRAM

Date: 2023-04-10

60631225P



60631225P		CITY OF MADISON, DANE COUNTY, WI		CONTRACT NO: 60631225C	
CURB RAMP DETAILS		BUS RAPID TRANSIT		CITY OF MADISON	
5/16/23		11/3/22		DATE	
D.C.		D.C.		BY	
PLAN REVISION 4		ADDENDUM 3		REVISION	
2		1		MARK	
Designed By: STRAW		Date: 2023-06-16		Scale: 1" = 10 FT	
60631225P		60631225P		CR17-E	

FILE NAME : C:\P\WORKING\AECOM_DS20_INA_2019\LYN21141\0107215\021313-CR.DWG
LAYOUT NAME - 021313b_cr
LAST PLOT DATE - 2023-06-16

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
IA-100	478+43.05	95.68' LT	502367.05	841385.54	883.17	BOC
IA-101	478+54.79	87.99' LT	502369.52	841399.36	882.55	BOW
IA-102	478+67.14	88.02' LT	502378.03	841408.31	882.43	BOW
IA-103	478+45.09	88.47' LT	502363.21	841391.98	882.43	BOC
IA-104	478+49.65	88.24' LT	502366.18	841395.45	882.47	FOW
IA-105	478+51.70	80.65' LT	502362.06	841402.15	882.38	FOW
IA-106	478+50.10	80.48' LT	502360.84	841401.11	882.35	BOC
IA-107	478+54.81	80.99' LT	502364.45	841404.18	882.45	FOW
IA-108	478+67.16	81.02' LT	502372.95	841413.13	882.32	BOW
IA-109	478+67.16	80.47' LT	502372.55	841413.52	882.31	BOW
IA-110	478+56.75	75.14' LT	502361.53	841409.61	882.33	BOC
IA-111	478+60.97	73.20' LT	502363.01	841414.01	881.95	BOC
IA-112	478+71.08	71.60' LT	502368.80	841422.45	882.03	BOC
IA-113	478+70.45	71.60' LT	502368.36	841422.00	882.01	BOC
IA-114	478+63.88	76.62' LT	502367.50	841413.78	882.01	FOW
IA-115	478+73.52	75.61' LT	502373.38	841421.47	882.38	BOW
IA-116	478+76.79	71.66' LT	502372.75	841426.57	882.54	BOC
IA-117	478+77.68	81.05' LT	502380.19	841420.76	882.48	BOW
IA-118	478+77.66	88.05' LT	502385.27	841415.94	882.58	BOW
IA-119	478+87.90	88.08' LT	502392.32	841423.37	882.95	BOW
IA-120	478+97.90	88.10' LT	502399.20	841430.62	883.05	BOW
IA-121	478+97.92	81.10' LT	502394.13	841435.44	882.94	FOW
IA-122	478+97.94	71.71' LT	502387.31	841441.90	882.75	MATCH
IA-123	478+87.94	71.69' LT	502380.43	841434.65	882.65	MATCH
IA-124	478+87.92	81.08' LT	502387.24	841428.19	882.84	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
IB-100	477+58.91	67.31' RT	502190.78	841436.29	880.36	BOC
IB-101	477+64.56	67.85' RT	502194.27	841440.77	879.86	BOC
IB-102	477+73.07	70.87' RT	502197.91	841449.02	879.92	BOC
IB-103	477+77.03	73.42' RT	502198.78	841453.65	880.36	BOC
IB-104	477+64.90	68.51' RT	502194.03	841441.46	879.87	FOW
IB-105	477+72.61	70.63' RT	502197.78	841448.53	879.91	BOC
IB-106	477+63.25	74.49' RT	502188.55	841444.37	880.15	FOW
IB-107	477+64.37	70.44' RT	502192.26	841442.40	879.96	FOW
IB-108	477+72.08	72.56' RT	502196.01	841449.47	880.01	FOW
IB-109	477+70.96	76.61' RT	502192.30	841451.44	880.23	FOW
IB-110	477+70.89	81.78' RT	502188.49	841454.93	880.25	MATCH
IB-111	477+69.64	81.43' RT	502187.88	841453.78	880.24	BOW
IB-112	477+73.64	77.35' RT	502193.60	841453.89	880.26	MATCH
IB-113	477+61.92	79.31' RT	502184.13	841446.71	880.12	BOW
IB-114	477+54.25	77.19' RT	502180.40	841439.68	880.00	BOW
IB-115	477+39.50	77.27' RT	502170.21	841429.01	879.87	BOW
IB-116	477+29.50	77.32' RT	502163.31	841421.78	879.76	BOW
IB-117	477+29.47	72.32' RT	502166.92	841418.32	879.83	FOW
IB-118	477+29.44	67.31' RT	502170.55	841414.86	879.91	MATCH
IB-119	477+39.44	67.29' RT	502177.43	841422.12	880.02	MATCH
IB-120	477+39.47	72.27' RT	502173.83	841425.56	879.94	FOW
IB-121	477+54.92	72.19' RT	502184.49	841436.73	880.08	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
IC-100	478+19.70	19.23' LT	502295.44	841421.06	882.01	FOW
IC-101	478+31.04	19.24' LT	502303.23	841429.29	882.11	FOW
IC-102	478+18.80	17.23' LT	502293.37	841421.78	882.06	FOW
IC-103	478+28.88	17.24' LT	502300.29	841429.10	882.13	FOW
IC-104	478+17.53	16.39' LT	502291.88	841421.44	882.68	BOW
IC-105	478+24.70	10.96' LT	502292.86	841430.38	882.38	BOW
IC-106	478+16.40	6.11' LT	502283.63	841427.67	882.15	BOW
IC-107	478+12.50	13.09' LT	502286.03	841420.04	882.03	BOW
IC-108	477+94.58	6.07' RT	502259.80	841420.17	881.37	BOW
IC-109	477+90.69	0.92' LT	502262.20	841412.54	881.31	BOW
IC-110	477+90.22	8.51' RT	502255.03	841418.67	881.29	BOW
IC-111	477+81.94	6.70' RT	502250.66	841411.41	881.18	BOW
IC-112	477+88.48	13.07' RT	502250.52	841420.54	880.97	FOW
IC-113	477+79.88	12.77' RT	502244.83	841414.08	880.75	FOW
IC-114	477+79.12	15.05' RT	502242.65	841415.10	880.71	FOW
IC-115	477+88.42	15.00' RT	502249.08	841421.82	880.84	FOW
IC-116	478+20.77	8.54' LT	502288.40	841429.17	882.22	BOW
IC-117	478+19.12	19.21' LT	502295.02	841420.65	882.47	BOC
IC-118	478+31.69	19.24' LT	502303.68	841429.77	882.61	BOC
IC-119	477+82.86	3.51' RT	502253.62	841409.89	881.20	FOW
IC-120	477+88.99	14.99' RT	502249.48	841422.23	881.20	BOC
IC-121	477+78.58	15.06' RT	502242.28	841414.71	881.17	BOC
IC-122	477+89.65	8.82' RT	502254.41	841418.47	881.28	FOW
IC-123	478+16.87	15.53' LT	502290.80	841421.54	882.10	FOW



REVISED 6/15/23 DJC

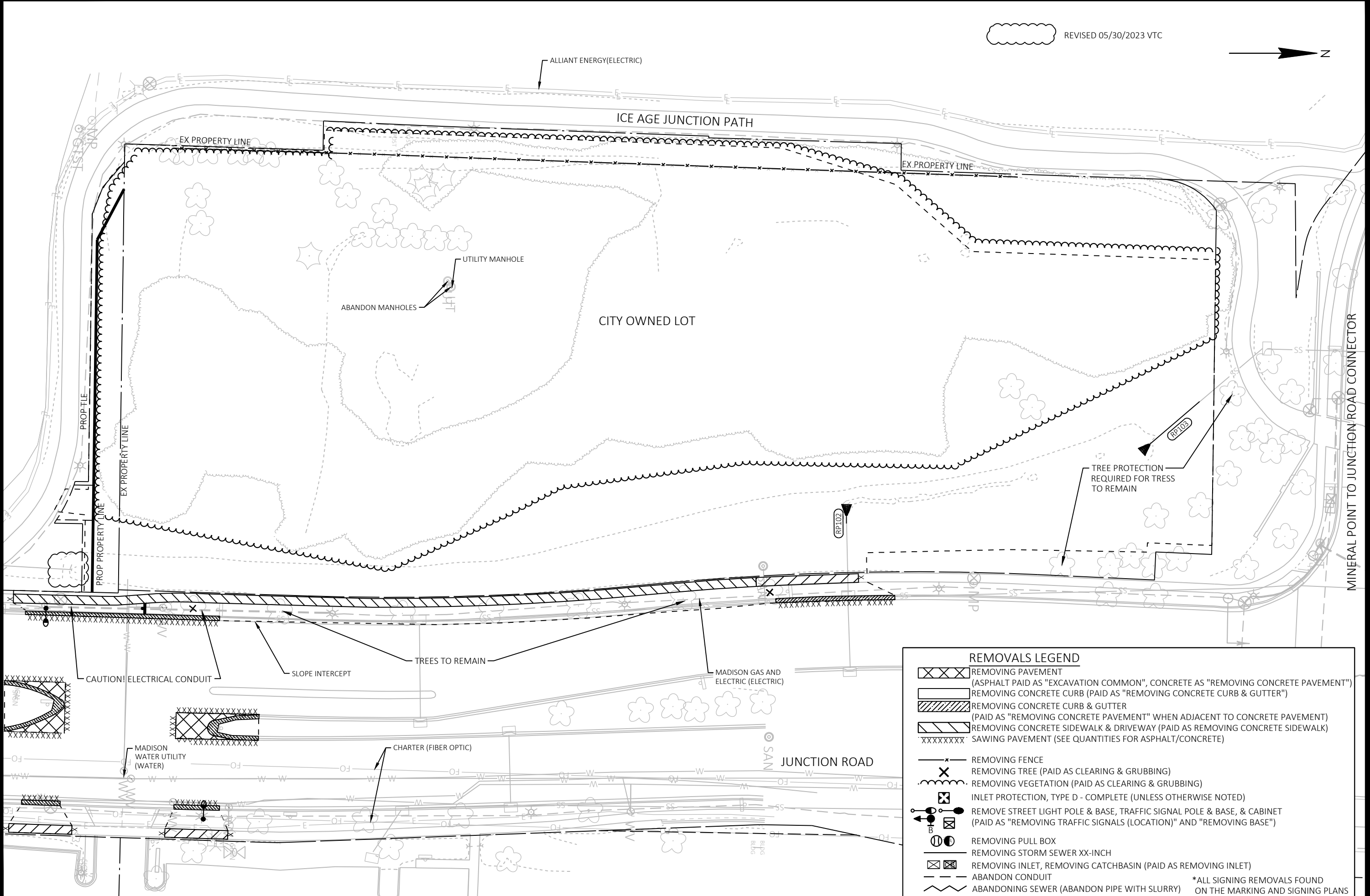
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		6/15/23	DJC
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	ADDENDUM 3	11/3/22	DJC
	REVISION	DATE	BY
2	1		
MARK	Designed By: STRAW	Date: 2023-06-15	Scale: 1" = 10 FT
	60631225P		

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



60631225P

CR17B-E



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	

REMOVAL PLAN: JUNCTION ROAD PARK AND RIDE

BUS RAPID TRANSIT

60631225P

R0-W

60631225P

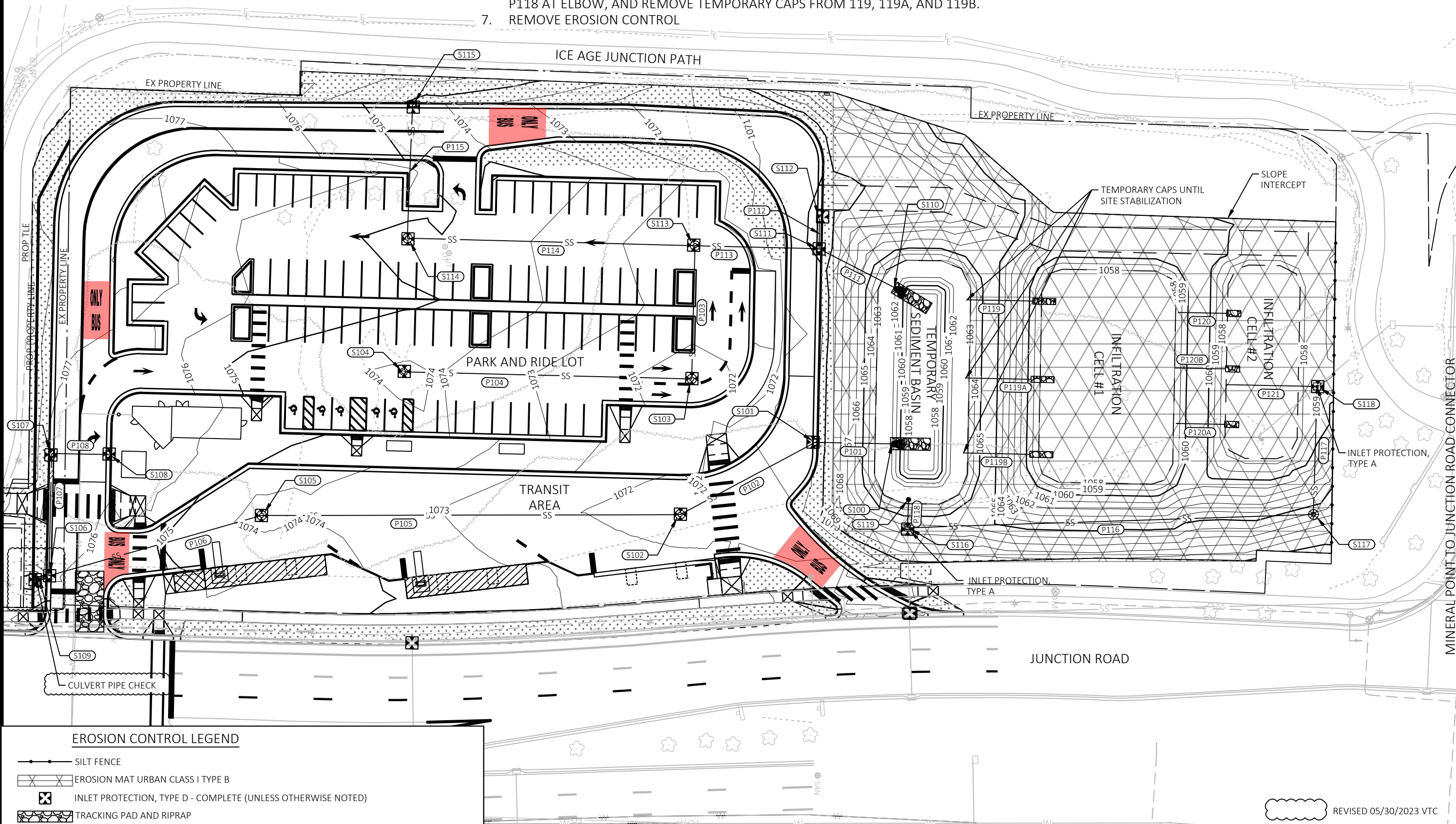
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4	05/30/23	VTC
REVISION	DATE	BY
Designed By: AECOM	Date: 2023-06-05	Scale: 1 IN=50 FT
60631225P		

WESTERN TERMINAL CONSTRUCTION SEQUENCING

1. INSTALL TRACKING PAD
2. INSTALL SILT FENCING AND INSTALL INLET PROTECTION
3. INSTALL S116, S117, S118, S119, AND RELATED STORM PIPES
4. CONSTRUCT TEMPORARY SEDIMENT BASIN TO PROPOSED WET POND LIMITS INCLUDING CLAY CORE BERM UP TO INFILTRATION CELL #1 AS SHOWN ON SHEET G-0WC. INSTALL P119, P119A, AND P119B WITH TEMPORARY CAPS ON UPSTREAM END.
5. ONCE TEMPORARY SEDIMENT BASIN IS OPERATIONAL, CONSTRUCT PARKING LOT AND INFILTRATION CELLS
6. AFTER SITE STABILIZATION, DREDGE TEMPORARY SEDIMENT BASIN TO PROPOSED WET POND LIMITS, REMOVE S119 AND CAP 15" P118 AT ELBOW, AND REMOVE TEMPORARY CAPS FROM 119, 119A, AND 119B.
7. REMOVE EROSION CONTROL



EROSION CONTROL LEGEND

- SILT FENCE
- ▤ EROSION MAT URBAN CLASS I TYPE B
- ⊗ INLET PROTECTION, TYPE D - COMPLETE (UNLESS OTHERWISE NOTED)
- ▨ TRACKING PAD AND RIPRAP

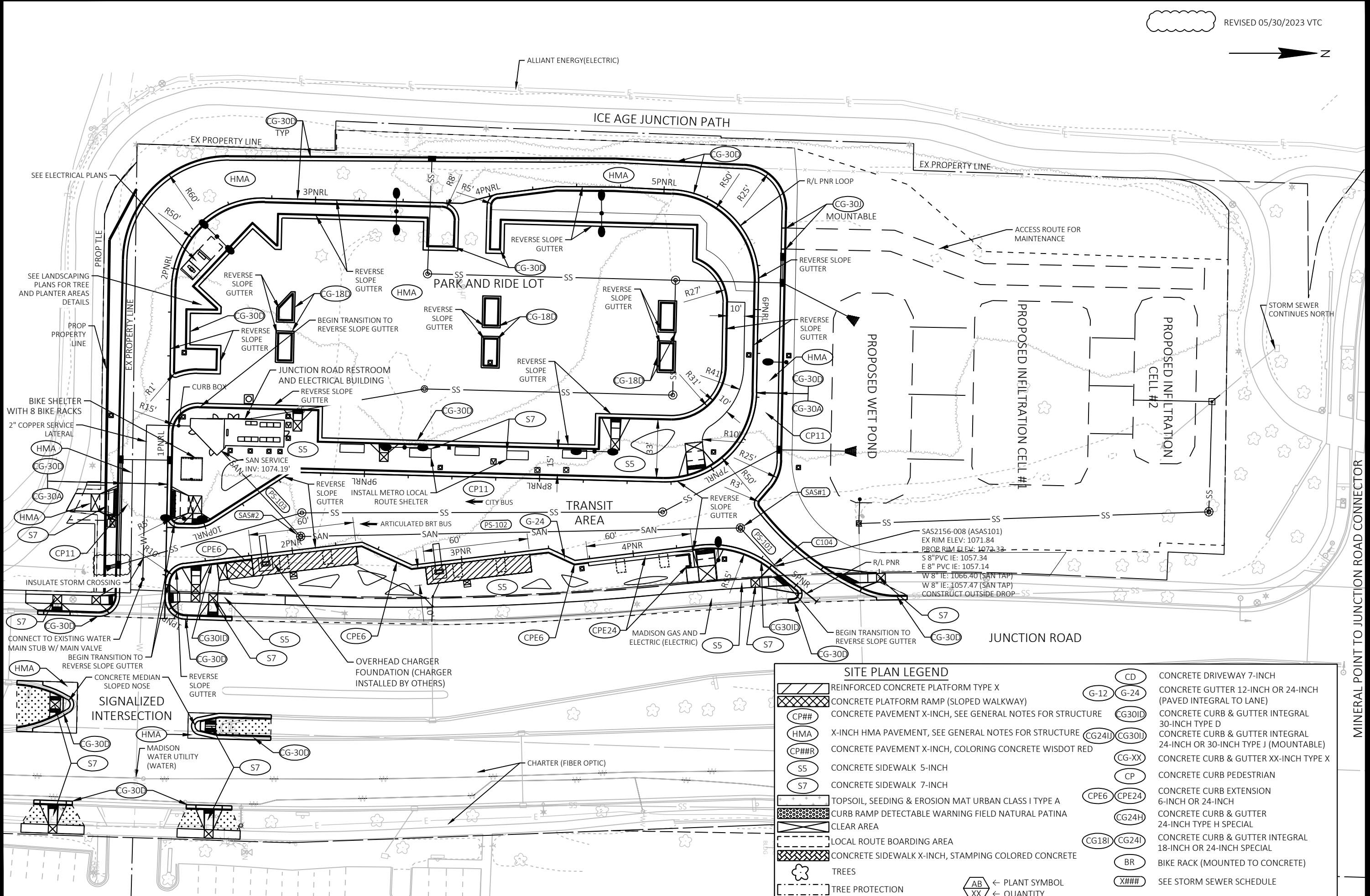
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PLAN REVISION 4	PLAN REVISION 1	REVISION	BY
05/30/23 VTC	01/26/23 VTC	DATE	BY

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



60631225P
R-0WB

REVISED 05/30/2023 VTC



REVISED 05/30/2023 VTC

N

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

SITE PLAN: WESTERN TERMINAL

BUS RAPID TRANSIT

60631225P

P-0W

60631225P

CITY OF MADISON

CONTRACT NO: 60631225C

PLAN REVISION 4

PLAN REVISION 3

PLAN REVISION 1

ADDENDUM 4

REVISION

DATE

BY

Scale: 1 IN=50 FT

05/30/23

4/19/23

01/30/23

11/23/22

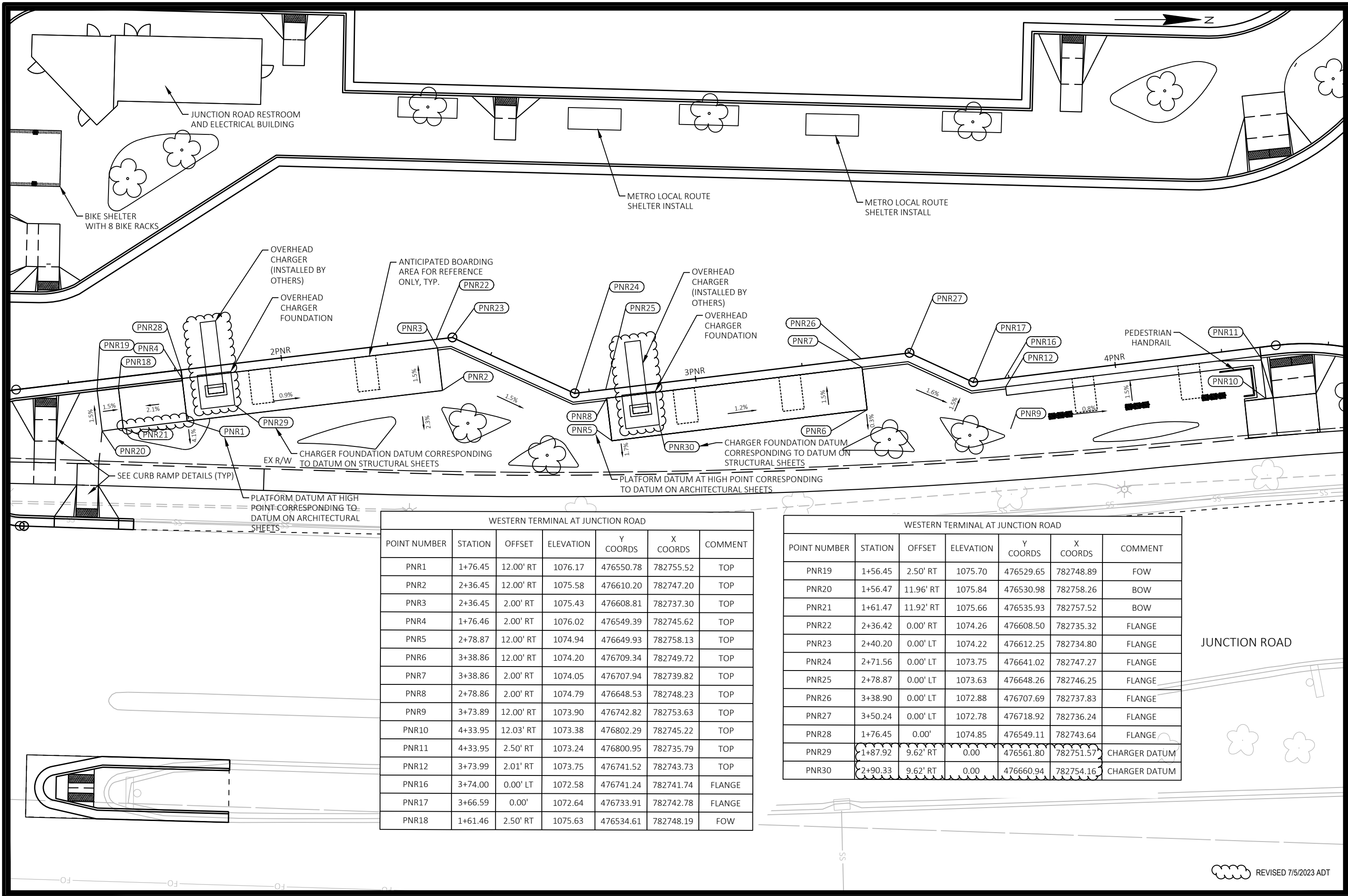
2023-06-27

60631225P

FILE NAME: C:\P\WORKING\AECOM_D520_NA_2019\ANDREW.TIMCO\AECOM\050200B-P\DWG

LAYOUT NAME - Plan 1 IN 50 FT

LAST PLOT DATE: 2023-06-27



WESTERN TERMINAL AT JUNCTION ROAD						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	COMMENT
PNR1	1+76.45	12.00' RT	1076.17	476550.78	782755.52	TOP
PNR2	2+36.45	12.00' RT	1075.58	476610.20	782747.20	TOP
PNR3	2+36.45	2.00' RT	1075.43	476608.81	782737.30	TOP
PNR4	1+76.46	2.00' RT	1076.02	476549.39	782745.62	TOP
PNR5	2+78.87	12.00' RT	1074.94	476649.93	782758.13	TOP
PNR6	3+38.86	12.00' RT	1074.20	476709.34	782749.72	TOP
PNR7	3+38.86	2.00' RT	1074.05	476707.94	782739.82	TOP
PNR8	2+78.86	2.00' RT	1074.79	476648.53	782748.23	TOP
PNR9	3+73.89	12.00' RT	1073.90	476742.82	782753.63	TOP
PNR10	4+33.95	12.03' RT	1073.38	476802.29	782745.22	TOP
PNR11	4+33.95	2.50' RT	1073.24	476800.95	782735.79	TOP
PNR12	3+73.99	2.01' RT	1073.75	476741.52	782743.73	TOP
PNR16	3+74.00	0.00' LT	1072.58	476741.24	782741.74	FLANGE
PNR17	3+66.59	0.00'	1072.64	476733.91	782742.78	FLANGE
PNR18	1+61.46	2.50' RT	1075.63	476534.61	782748.19	FOW

WESTERN TERMINAL AT JUNCTION ROAD						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	COMMENT
PNR19	1+56.45	2.50' RT	1075.70	476529.65	782748.89	FOW
PNR20	1+56.47	11.96' RT	1075.84	476530.98	782758.26	BOW
PNR21	1+61.47	11.92' RT	1075.66	476535.93	782757.52	BOW
PNR22	2+36.42	0.00' RT	1074.26	476608.50	782735.32	FLANGE
PNR23	2+40.20	0.00' LT	1074.22	476612.25	782734.80	FLANGE
PNR24	2+71.56	0.00' LT	1073.75	476641.02	782747.27	FLANGE
PNR25	2+78.87	0.00' LT	1073.63	476648.26	782746.25	FLANGE
PNR26	3+38.90	0.00' LT	1072.88	476707.69	782737.83	FLANGE
PNR27	3+50.24	0.00' LT	1072.78	476718.92	782736.24	FLANGE
PNR28	1+76.45	0.00'	1074.85	476549.11	782743.64	FLANGE
PNR29	1+87.92	9.62' RT	0.00	476561.80	782751.57	CHARGER DATUM
PNR30	2+90.33	9.62' RT	0.00	476660.94	782754.16	CHARGER DATUM

60631225P

GRADING PLAN: WESTERN TERMINAL STATION PLATFORMS

CITY OF MADISON

BUS RAPID TRANSIT

CITY OF MADISON, DANE COUNTY, WI

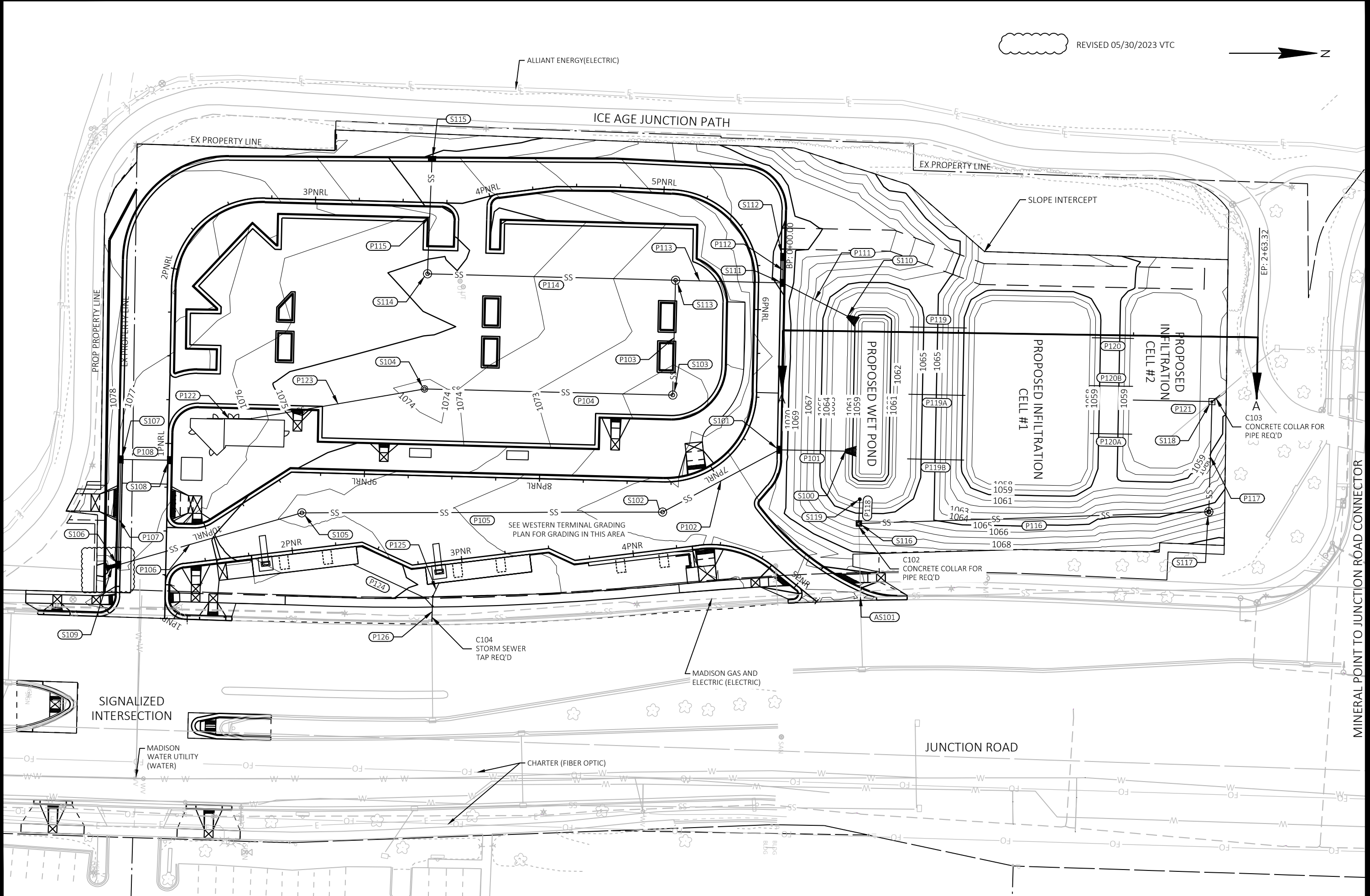
CONTRACT NO: 60631225C

PLAN REVISION 4	ADT	7/5/2023
PLAN REVISION 1	NAS	3/7/2023
REVISION	DATE	BY
MARK	Designed By: AECOM	Date: 2023-07-05
60631225P	Scale: 1 IN=20 FT	

60631225P

G-0W

REVISD 7/5/2023 ADT



REVISED 05/30/2023 VTC

PLAN REVISION 4	05/30/23	VTC
PLAN REVISION 1	01/26/23	VTC
REVISION	DATE	BY
MARK	Designed By: AECOM	Date: 2023-06-27
60631225P	Scale: 1 IN=50 FT	

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MINERAL POINT TO JUNCTION ROAD CONNECTOR

GRADING AND DRAINAGE PLAN: WESTERN TERMINAL

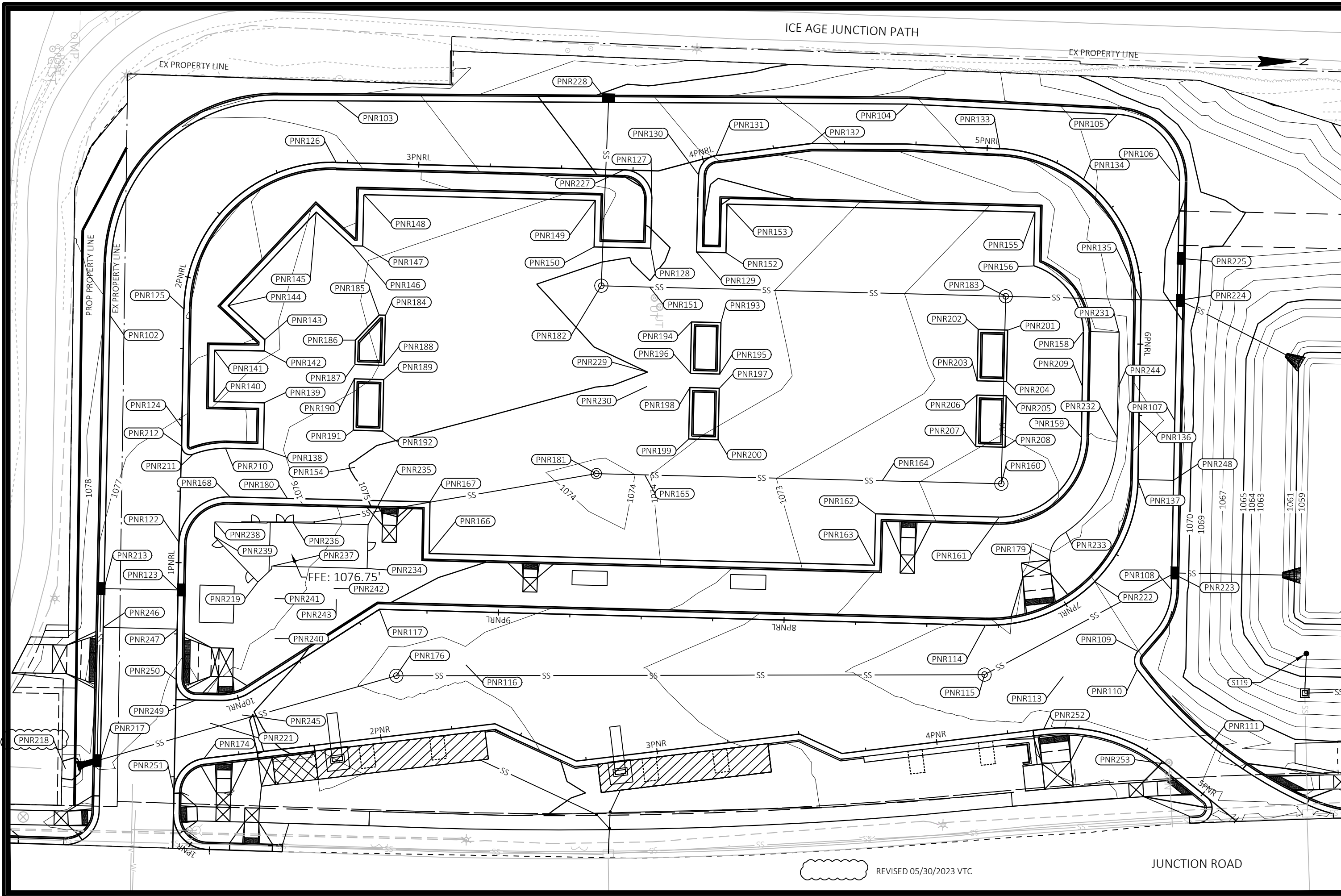
BUS RAPID TRANSIT

CITY OF MADISON



60631225P

G-0WB



60631225P

60631225C

GRADING AND DRAINAGE PLAN: WESTERN TERMINAL

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

G-OWD

PLAN REVISION 4

PLAN REVISION 3

PLAN REVISIONS 1

REVISION

DATE

BY

05/30/23

4/19/23

11/09/22

2023-06-27

11/09/22

11/09/22

MARK

DESIGNED BY: AECOM

DATE: 2023-06-27

60631225P

FILE NAME: C:\P\WORKING\AECOM_DS20_INA_2019\ANDREW.TIMCO@AECOM.COM\DM586348\050200D-PN.DWG

LAYOUT NAME - Plan 3 IN 30 FT

LAST PLOT DATE - 2023-06-27

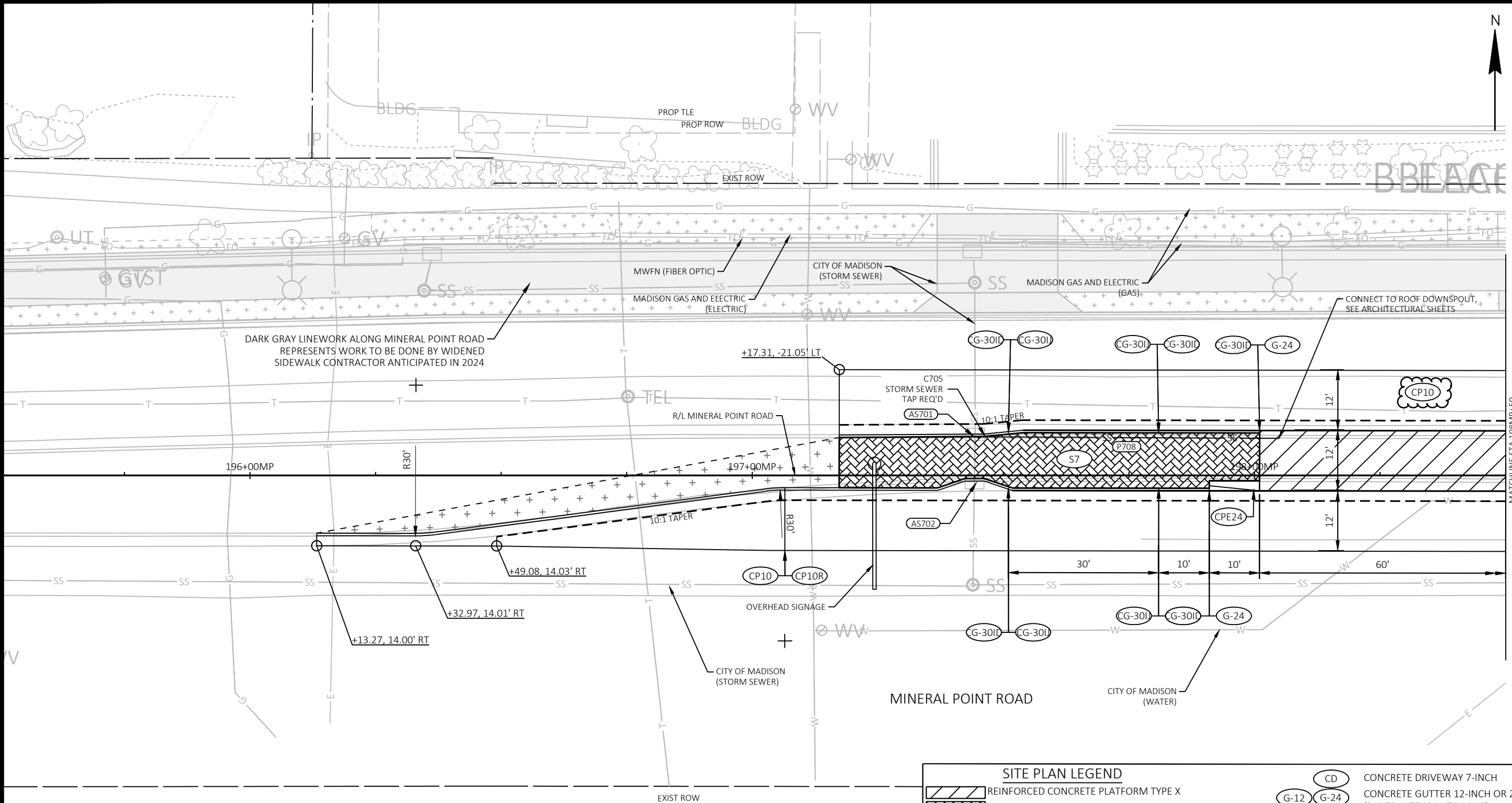
ICE AGE JUNCTION PATH

EX PROPERTY LINE

PROP PROPERTY LINE

JUNCTION ROAD

REVISED 05/30/2023 VTC



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

REVISED 6/19/2023 MAS

SITE PLAN: WHITNEY WAY AT MINERAL POINT ROAD

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

60631225C

60631225P

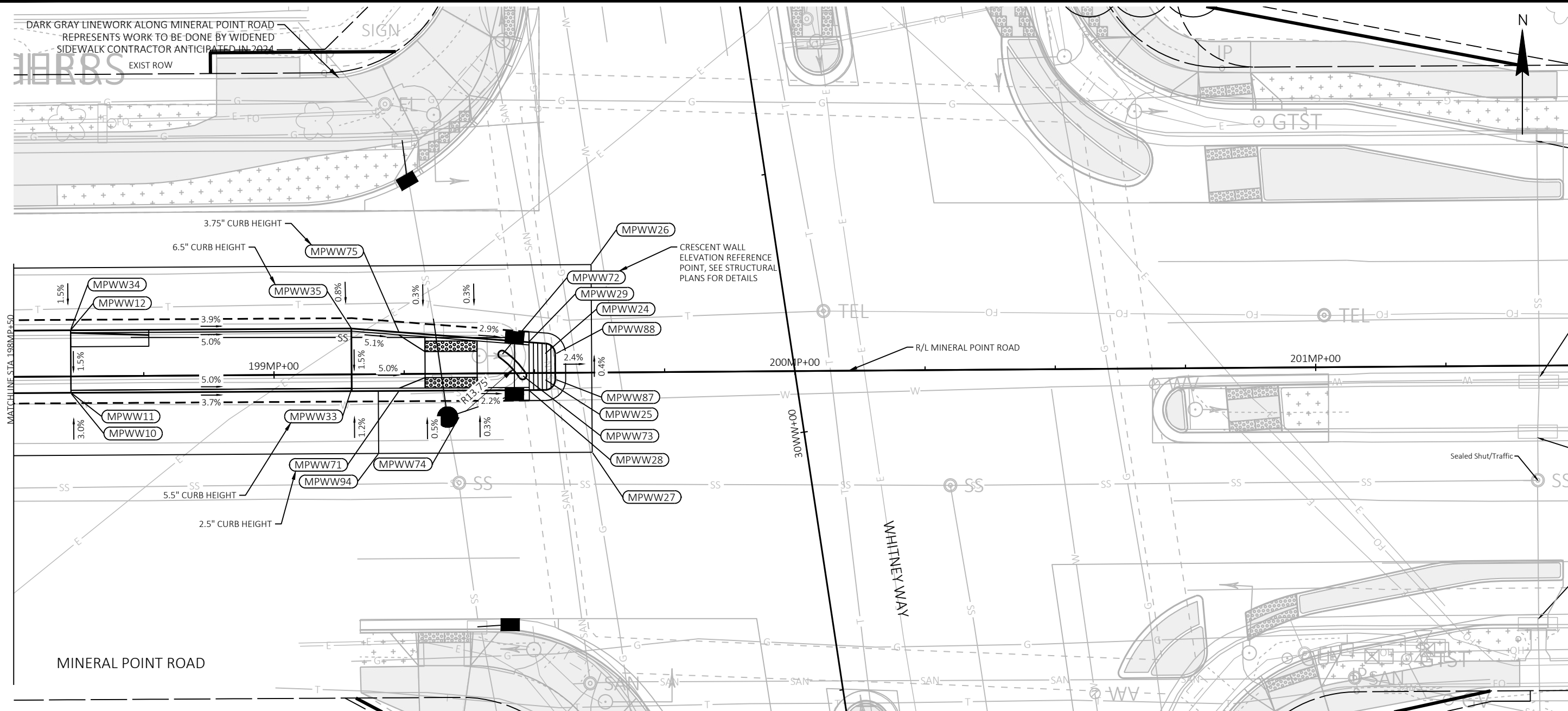
P-11W

PLAN REVISION 4	DATE	6/19/23	DESIGNED BY	60631225P
REVISION	DATE	2023-06-19	DESIGNED BY	60631225P
MARK	DATE	6/19/23	DESIGNED BY	60631225P
BR	DATE	6/19/23	DESIGNED BY	60631225P
DATE	DATE	6/19/23	DESIGNED BY	60631225P
DATE	DATE	6/19/23	DESIGNED BY	60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

FILE NAME : C:\P\WORKING\AECOM_DS20_NA_2019\MICHAEL SCHNEIDER2@AECOM.COM\MS86348\050211B-PN.DWG
LAYOUT NAME - Plan 1 IN 20 FT 01
LAST PLOT DATE - 2023-06-19



Mineral Point at Whitney Way 02						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MPWW10	198+60.99	3.25' RT	477797.33	797512.61	992.49	FLOW LINE
MPWW11	198+60.99	3.15' RT	477797.43	797512.61	993.61	TOP
MPWW12	198+61.01	8.85' LT	477809.43	797512.54	993.79	TOP
MPWW24	199+52.00	3.64' LT	477804.89	797603.57	989.57*	CENTER
MPWW25	199+51.99	1.27' RT	477799.97	797603.60	989.62*	CENTER
MPWW26	199+61.02	20.72' LT	477822.03	797612.47	989.35	MATCH
MPWW27	199+60.98	15.28' RT	477786.03	797612.68	989.48	MATCH
MPWW28	199+48.99	3.37' RT	477797.85	797600.61	989.72	FLOW LINE
MPWW29	199+49.00	6.00' LT	477807.23	797600.56	989.60	FLOW LINE
MPWW33	199+14.89	2.72' RT	477798.25	797566.50	990.92	TOP

Mineral Point at Whitney Way 02						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MPWW34	198+61.01	8.95' LT	477809.53	797512.54	992.67	FLOW LINE
MPWW35	199+14.92	8.78' LT	477809.75	797566.46	990.69	TOP
MPWW71	199+23.99	3.23' RT	477797.81	797575.61	990.47*	TOP
MPWW72	199+43.80	3.58' LT	477804.77	797595.37	990.26*	CENTER
MPWW73	199+47.71	0.48' RT	477800.74	797599.31	990.22	CENTER
MPWW74	199+35.51	8.31' RT	477792.81	797587.17	990.04	CENTER
MPWW75	199+24.05	8.01' LT	477809.05	797575.59	990.62	TOP
MPWW87	199+54.09	1.28' RT	477799.98	797605.70	989.56	FLOW LINE
MPWW88	199+54.10	3.64' LT	477804.90	797605.67	989.48	FLOW LINE
MPWW94	199+19.98	15.23' RT	477785.78	797571.68	990.48	MATCH

*POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION

60631225P

GRADING PLAN: WHITNEY WAY AT MINERAL POINT ROAD

CITY OF MADISON

BUS RAPID TRANSIT

60631225C

CONTRACT NO:

60631225P

6/19/23

PLAN REVISION 4

DATE

DESIGNED BY: AECOM

60631225P

60631225P

6/19/23

PLAN REVISION 4

DATE

DESIGNED BY: AECOM

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PLAN REVISION 4

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DESIGNED BY: AECOM

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6/19/23

PLAN REVISION 4

DATE

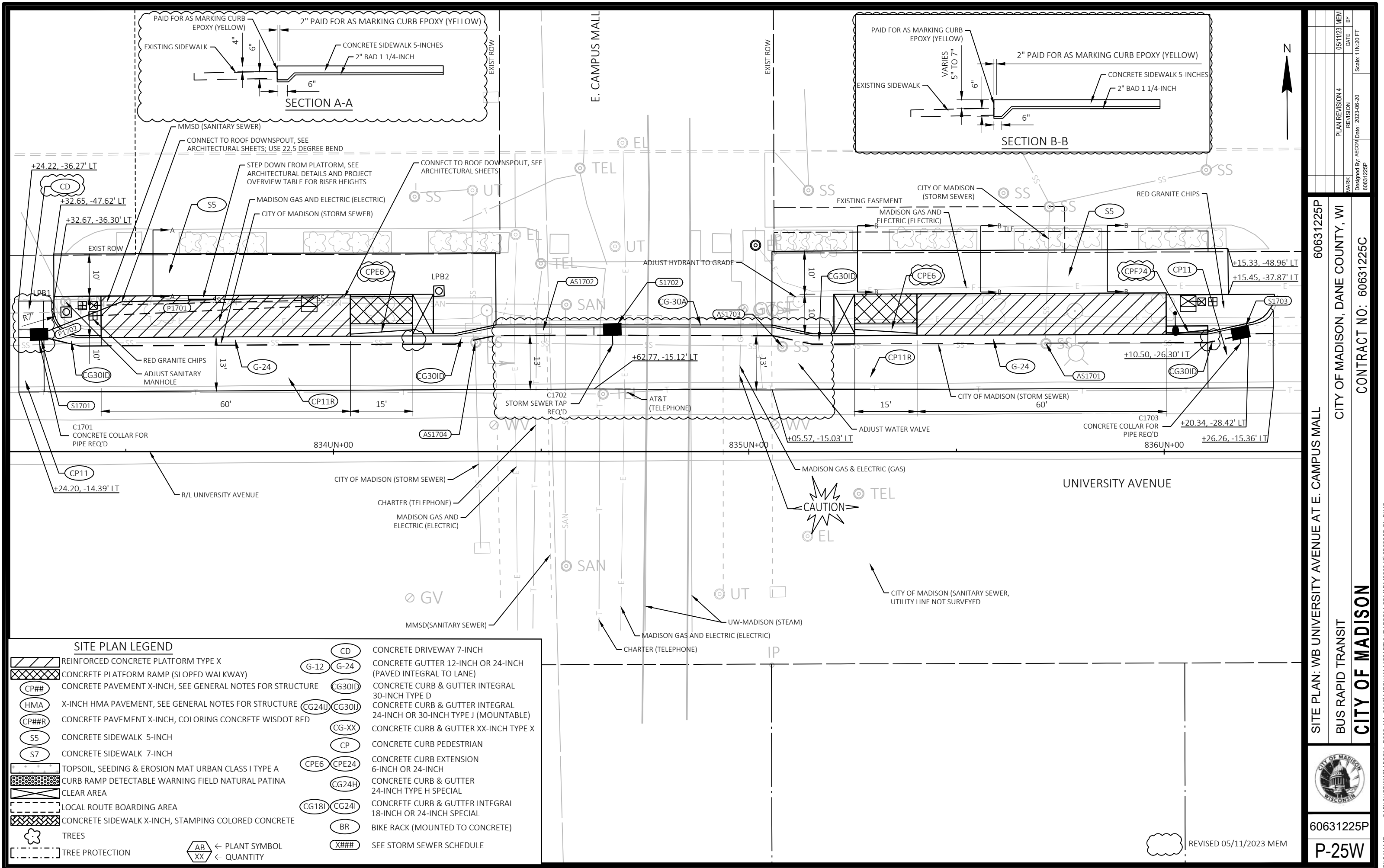
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60631225P

60631225P

G-11W

FILE NAME : G:\P\WORKING\AECOM_DS20_INA_2019\MICHAEL SCHNEIDER2@AECOM.COM\DS20_INA_050211\CGD.DWG
LAYOUT NAME - Plan 1 IN 20 FT 02
LAST PLOT DATE - 2023-07-03



REINFORCED CONCRETE PLATFORM TYPE X

CONCRETE PLATFORM RAMP (SLOPED WALKWAY)

CP##

CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE

HMA

X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE

CP##R

CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED

S5

CONCRETE SIDEWALK 5-INCH

S7

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

AB

XX

← PLANT SYMBOL
← QUANTITY

CD

CONCRETE DRIVEWAY 7-INCH

G-12

G-24

CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)

CG30ID

CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D

CG24I

CG30I

CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)

CG-XX

CONCRETE CURB & GUTTER XX-INCH TYPE X

CP

CONCRETE CURB PEDESTRIAN

CPE6

CPE24

CONCRETE CURB EXTENSION 6-INCH OR 24-INCH

CG24H

CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL

CG18I

CG24I

CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL

BR

BIKE RACK (MOUNTED TO CONCRETE)

X###

SEE STORM SEWER SCHEDULE

60631225P

60631225C

SITE PLAN: WB UNIVERSITY AVENUE AT E. CAMPUS MALL

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

P-25W

REVISION 4

05/11/23 MEM

DATE

BY

REVISION

2023-06-20

Scale: 1 IN=20 FT

60631225P

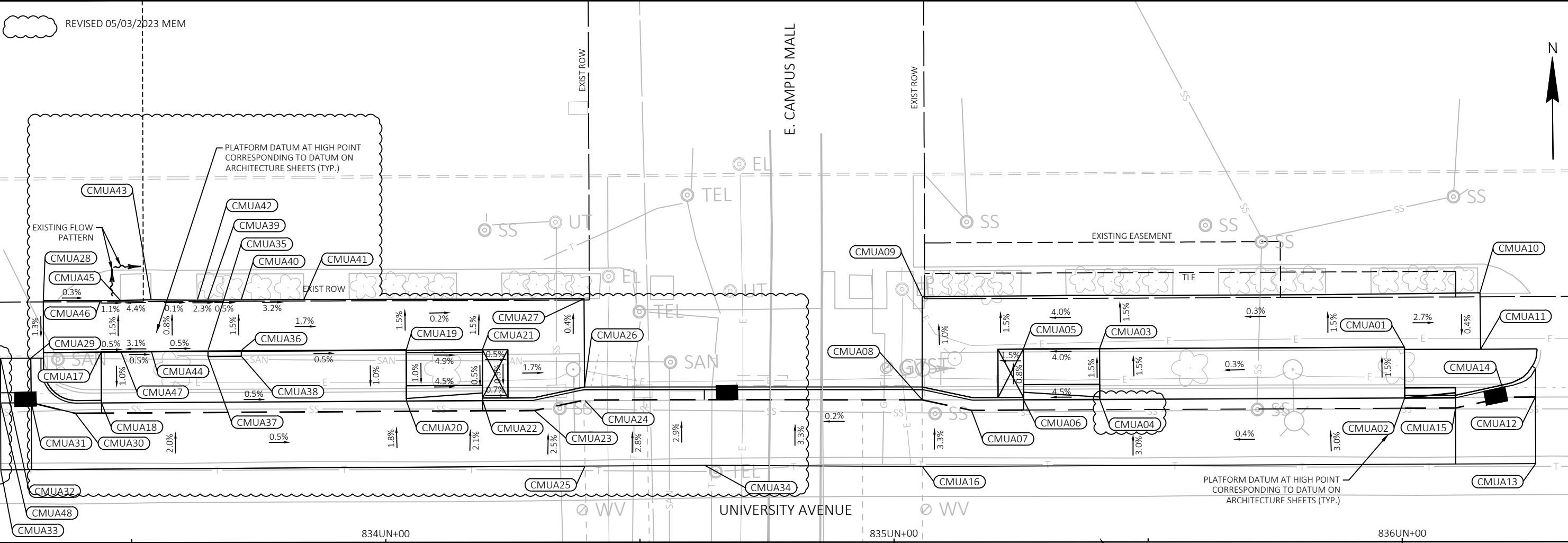
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FILE NAME : C:\PWORKING\AECOM\DS20_NA_2019\MEGHAN.MCCARTHY\60631225P\050225B-PN.DWG

LAYOUT NAME - Plan 1 IN 20 FT

LAST PLOT DATE - 2023-06-20

REVISED 05/11/2023 MEM



WB University Avenue at E Campus Mall							WB University Avenue at E Campus Mall							WB University Avenue at E Campus Mall						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT	POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT	POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
CMUA01	836+00.45	38.25' LT	482341.47	817320.36	868.90	TOP	CMUA19	834+04.02	37.81' LT	482345.69	817123.97	868.87	TOP	CMUA37	833+65.03	36.59' LT	482345.41	817084.96	869.05	TOP
CMUA02	836+00.49	28.25' LT	482331.47	817320.16	869.05	TOP	CMUA20	834+04.08	27.81' LT	482335.69	817123.79	868.77	TOP	CMUA38	833+71.61	36.63' LT	482345.29	817091.54	869.02	TOP
CMUA03	835+40.45	38.01' LT	482342.65	817260.37	868.72	TOP	CMUA21	834+19.02	37.89' LT	482345.42	817138.97	868.14	BOW	CMUA39	833+64.97	47.69' LT	482356.50	817085.17	868.50	MATCH
CMUA04	835+40.49	28.01' LT	482332.65	817260.17	868.87	TOP	CMUA22	834+19.08	27.89' LT	482335.42	817138.79	868.09	FOW	CMUA40	833+71.57	47.72' LT	482356.38	817091.77	868.47	MATCH
CMUA05	835+25.45	37.94' LT	482342.95	817245.37	868.12	BOW	CMUA23	834+29.28	25.92' LT	482333.21	817148.94	867.56	EOP	CMUA41	833+83.88	47.79' LT	482356.15	817104.07	868.07	MATCH
CMUA06	835+25.49	27.94' LT	482332.95	817245.18	868.20	FOW	CMUA24	834+39.14	27.99' LT	482335.05	817158.84	867.47	EOP	CMUA42	833+62.94	47.68' LT	482356.54	817083.14	868.55	MATCH
CMUA07	835+15.24	25.90' LT	482331.15	817234.88	867.63	EOP	CMUA25	834+39.21	15.00' LT	482322.05	817158.61	867.82	MATCH	CMUA43	833+53.86	47.76' LT	482356.83	817074.06	868.55	BOW
CMUA08	835+05.57	27.96' LT	482333.44	817225.26	867.54	MATCH	CMUA26	834+39.12	30.54' LT	482337.60	817158.89	867.83	MATCH	CMUA44	833+53.91	37.63' LT	482346.71	817073.87	868.62	BOW
CMUA09	835+05.57	48.25' LT	482353.72	817225.74	867.74	BOW	CMUA27	834+39.03	47.92' LT	482354.98	817159.21	867.77	BOW	CMUA45	833+47.84	47.64' LT	482356.86	817068.04	868.29	BOW
CMUA10	836+15.33	48.96' LT	482351.82	817335.48	868.33	BOW	CMUA28	833+32.65	47.62' LT	482357.20	817052.86	868.37	BOW	CMUA46	833+43.90	47.64' LT	482356.95	817064.10	868.33	BOW
CMUA11	836+15.45	37.87' LT	482340.73	817335.35	868.28	MATCH	CMUA29	833+30.19	36.29' LT	482345.93	817050.12	868.22	MATCH	CMUA47	833+47.90	37.60' LT	482346.82	817067.86	868.44	FOW
CMUA12	836+26.21	28.43' LT	482331.04	817345.87	868.00	MATCH	CMUA30	833+38.93	25.45' LT	482334.89	817058.61	868.00	EOP	CMUA48	833+24.23	27.49' LT	482337.28	817043.95	868.08	MATCH
CMUA13	836+26.26	15.36' LT	482317.97	817345.61	868.37	MATCH	CMUA31	833+30.26	27.53' LT	482337.17	817049.99	868.05	MATCH							
CMUA14	836+20.34	28.42' LT	482331.16	817340.01	867.95	EOP	CMUA32	833+24.22	36.27' LT	482346.06	817044.15	868.24	MATCH							
CMUA15	836+10.50	26.30' LT	482329.28	817330.12	867.97	EOP	CMUA33	833+24.24	14.37' LT	482324.16	817043.66	868.30	MATCH							
CMUA16	835+05.57	14.86' LT	482320.34	817224.95	867.97	MATCH	CMUA34	834+62.77	15.12' LT	482321.62	817182.17	867.88	MATCH							
CMUA17	833+44.02	37.48' LT	482346.79	817063.98	869.16	TOP	CMUA35	833+65.02	37.79' LT	482346.61	817084.98	868.65	FOW							
CMUA18	833+44.08	27.48' LT	482336.80	817063.80	869.06	TOP	CMUA36	833+71.60	37.83' LT	482346.49	817091.56	868.61	FOW							

60631225P

CITY OF MADISON

60631225P

G-25W

GRADING PLAN: WB UNIVERSITY AVENUE AT E. CAMPUS MALL

BUS RAPID TRANSIT

CITY OF MADISON

PLAN REVISION 4

REVISION

DATE 05/03/23

BY MEM

MARK

Designed By: AECOM

Date: 2023-06-20

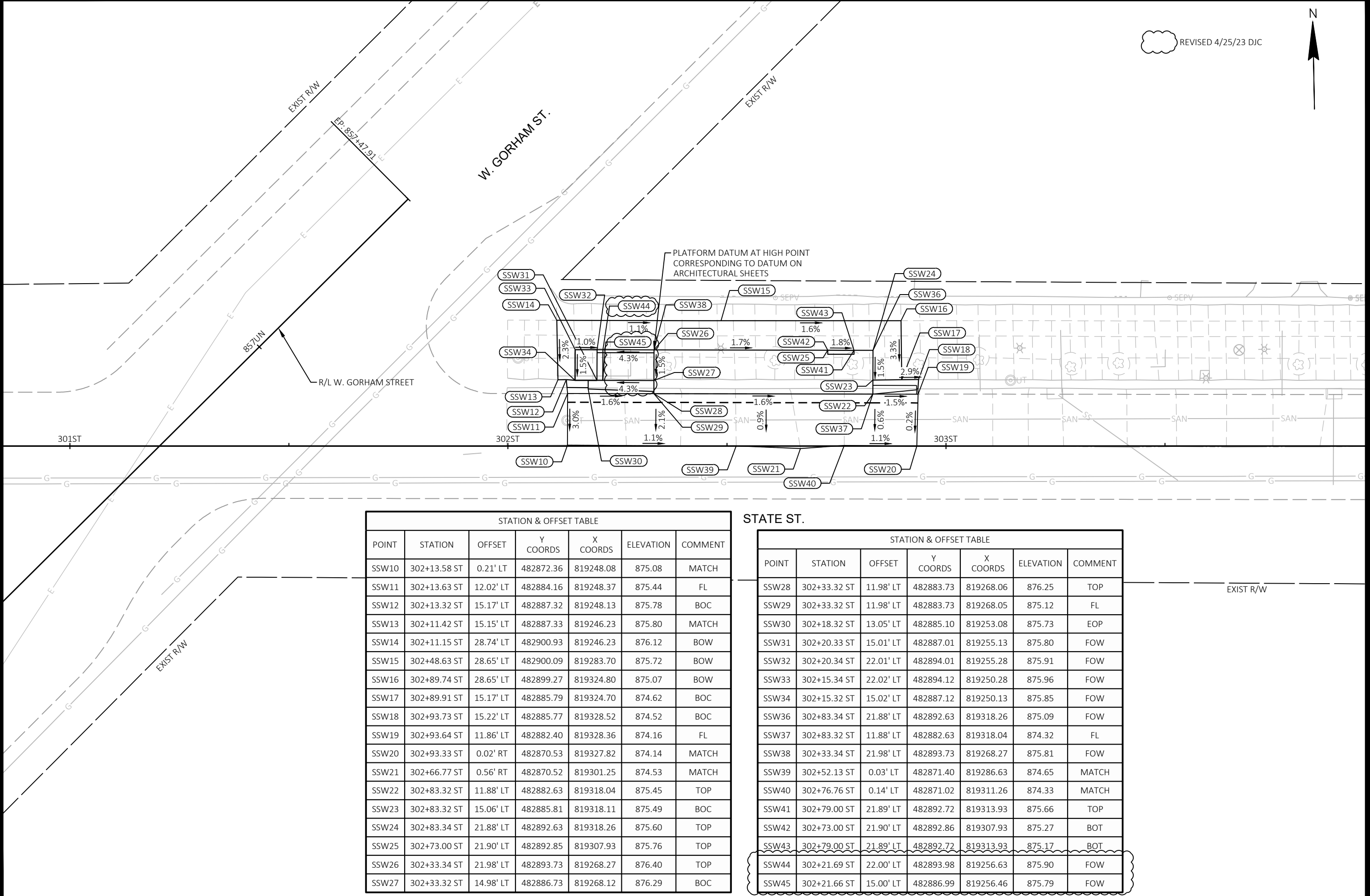
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60631225P

FILE NAME : C:\P\WORKING\AECOM_DS20_INA_2019\MEGHAN MCCARTHY\AECOM\DS20\86348\050225C-GD.DWG

LAYOUT NAME - Plan 1 IN 20 FT

LAST PLOT DATE - 2023-06-20



REVISED 4/25/23 DJC



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SSW10	302+13.58 ST	0.21' LT	482872.36	819248.08	875.08	MATCH
SSW11	302+13.63 ST	12.02' LT	482884.16	819248.37	875.44	FL
SSW12	302+13.32 ST	15.17' LT	482887.32	819248.13	875.78	BOC
SSW13	302+11.42 ST	15.15' LT	482887.33	819246.23	875.80	MATCH
SSW14	302+11.15 ST	28.74' LT	482900.93	819246.23	876.12	BOW
SSW15	302+48.63 ST	28.65' LT	482900.09	819283.70	875.72	BOW
SSW16	302+89.74 ST	28.65' LT	482899.27	819324.80	875.07	BOW
SSW17	302+89.91 ST	15.17' LT	482885.79	819324.70	874.62	BOC
SSW18	302+93.73 ST	15.22' LT	482885.77	819328.52	874.52	BOC
SSW19	302+93.64 ST	11.86' LT	482882.40	819328.36	874.16	FL
SSW20	302+93.33 ST	0.02' RT	482870.53	819327.82	874.14	MATCH
SSW21	302+66.77 ST	0.56' RT	482870.52	819301.25	874.53	MATCH
SSW22	302+83.32 ST	11.88' LT	482882.63	819318.04	875.45	TOP
SSW23	302+83.32 ST	15.06' LT	482885.81	819318.11	875.49	BOC
SSW24	302+83.34 ST	21.88' LT	482892.63	819318.26	875.60	TOP
SSW25	302+73.00 ST	21.90' LT	482892.85	819307.93	875.76	TOP
SSW26	302+33.34 ST	21.98' LT	482893.73	819268.27	876.40	TOP
SSW27	302+33.32 ST	14.98' LT	482886.73	819268.12	876.29	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SSW28	302+33.32 ST	11.98' LT	482883.73	819268.06	876.25	TOP
SSW29	302+33.32 ST	11.98' LT	482883.73	819268.05	875.12	FL
SSW30	302+18.32 ST	13.05' LT	482885.10	819253.08	875.73	EOP
SSW31	302+20.33 ST	15.01' LT	482887.01	819255.13	875.80	FOW
SSW32	302+20.34 ST	22.01' LT	482894.01	819255.28	875.91	FOW
SSW33	302+15.34 ST	22.02' LT	482894.12	819250.28	875.96	FOW
SSW34	302+15.32 ST	15.02' LT	482887.12	819250.13	875.85	FOW
SSW36	302+83.34 ST	21.88' LT	482892.63	819318.26	875.09	FOW
SSW37	302+83.32 ST	11.88' LT	482882.63	819318.04	874.32	FL
SSW38	302+33.34 ST	21.98' LT	482893.73	819268.27	875.81	FOW
SSW39	302+52.13 ST	0.03' LT	482871.40	819286.63	874.65	MATCH
SSW40	302+76.76 ST	0.14' LT	482871.02	819311.26	874.33	MATCH
SSW41	302+79.00 ST	21.89' LT	482892.72	819313.93	875.66	TOP
SSW42	302+73.00 ST	21.90' LT	482892.86	819307.93	875.27	BOT
SSW43	302+79.00 ST	21.89' LT	482892.72	819313.93	875.17	BOT
SSW44	302+21.69 ST	22.00' LT	482893.98	819256.63	875.90	FOW
SSW45	302+21.66 ST	15.00' LT	482886.99	819256.46	875.79	FOW

60631225P

GRADING PLAN: WB STATE STREET AT JOHNSON STREET

60631225P

60631225C

CITY OF MADISON

BUS RAPID TRANSIT

CITY OF MADISON, DANE COUNTY, WI

60631225P

G1-E

1

PLAN REVISION 4

DATE

DJC

MARK

REVISION

DATE

BY

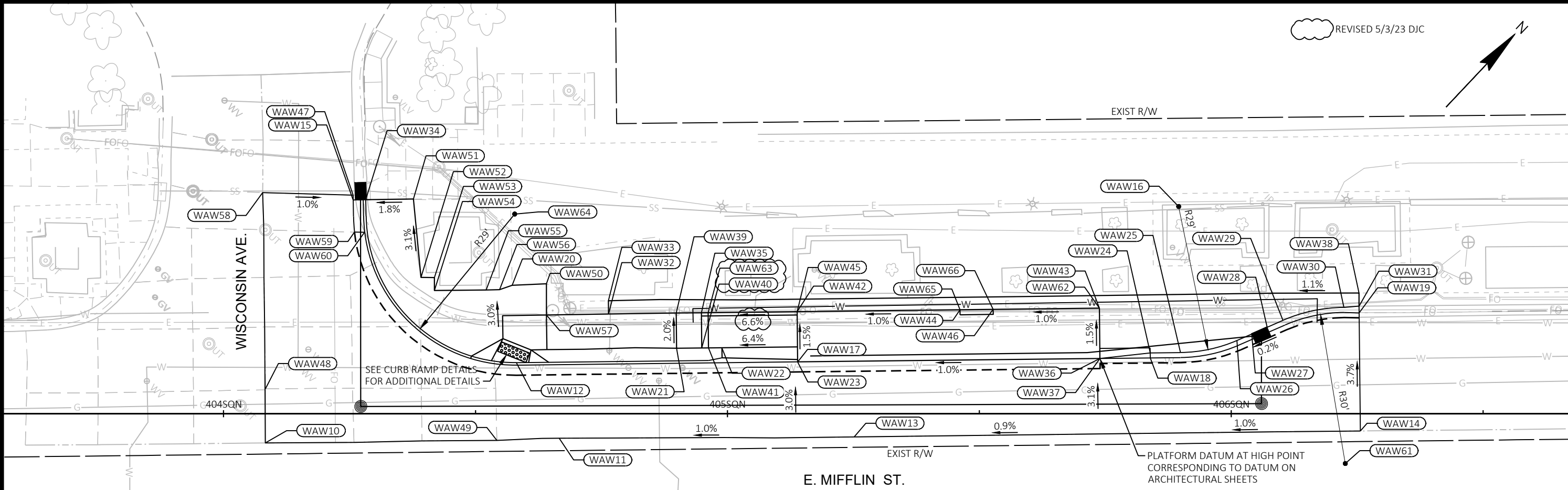
Designed By: AECOM

Date: 2023-04-25

Scale: 1"=20 FT

60631225P

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LAYOUT NAME - 050202_PN
LAST PLOT DATE - 2023-04-25



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
WAW10	404+08.27 SQN	5.79' RT	483121.36	820889.32	903.28	MATCH
WAW11	404+66.62 SQN	4.87' RT	483162.08	820931.12	905.74	MATCH
WAW12	404+58.10 SQN	10.15' LT	483167.15	820914.62	905.21	BOC
WAW13	405+25.13 SQN	4.62' RT	483202.42	820973.51	906.33	MATCH
WAW14	406+25.62 SQN	3.43' RT	483272.26	821045.78	907.29	MATCH
WAW15	404+25.73 SQN	42.46' LT	483168.44	820868.90	903.89	FL
WAW16	405+89.56 SQN	41.14' LT	483279.92	820988.97	0.00	RADIUS*
WAW17	405+13.95 SQN	10.28' LT	483205.58	820955.15	906.89	TOP
WAW18	405+83.94 SQN	11.07' LT	483254.20	821005.52	906.44	FL
WAW19	406+25.39 SQN	20.02' LT	483289.15	821029.52	906.45	MATCH
WAW20	404+57.27 SQN	25.49' LT	483177.74	820903.49	904.87	MATCH
WAW21	404+89.92 SQN	13.00' LT	483191.06	820935.81	905.66	FOW
WAW22	404+98.92 SQN	13.08' LT	483197.30	820942.29	905.89	BOC
WAW23	405+13.95 SQN	10.27' LT	483205.58	820955.15	905.77	FL
WAW24	405+83.93 SQN	12.08' LT	483254.92	821004.82	906.77	BOC
WAW25	405+89.93 SQN	12.15' LT	483259.09	821009.13	906.75	BOC
WAW26	406+01.13 SQN	14.55' LT	483268.52	821015.63	906.69	BOC
WAW27	406+04.06 SQN	15.82' LT	483271.45	821016.89	906.68	BOC
WAW28	406+07.14 SQN	17.16' LT	483274.54	821018.21	906.70	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
WAW29	406+10.28 SQN	18.52' LT	483277.69	821019.56	906.71	BOC
WAW30	406+22.38 SQN	21.10' LT	483287.87	821026.59	906.77	BOC
WAW31	406+25.38 SQN	21.35' LT	483290.11	821028.60	906.86	MATCH
WAW32	404+76.41 SQN	19.80' LT	483186.74	820921.31	905.42	MATCH
WAW33	404+76.37 SQN	22.44' LT	483188.63	820919.48	905.29	MATCH
WAW34	404+28.23 SQN	42.49' LT	483170.18	820870.70	904.09	MATCH
WAW35	404+94.85 SQN	20.05' LT	483199.58	820934.55	905.57	MATCH
WAW36	405+73.95 SQN	10.96' LT	483247.25	820998.32	907.47	TOP
WAW37	405+73.95 SQN	10.96' LT	483247.25	820998.32	906.34	FL
WAW38	406+25.38 SQN	23.97' LT	483292.01	821026.80	906.83	MATCH
WAW39	404+89.85 SQN	20.00' LT	483196.11	820930.95	905.52	FOW
WAW40	404+94.92 SQN	13.05' LT	483194.54	820939.40	905.71	FOW
WAW41	404+96.25 SQN	13.07' LT	483195.46	820940.37	905.72	FOW
WAW42	405+13.83 SQN	20.27' LT	483212.77	820948.21	906.74	TOP
WAW43	405+73.83 SQN	20.97' LT	483254.45	820991.36	906.38	FOW
WAW44	405+46.17 SQN	20.65' LT	483235.24	820971.47	907.05	TOP
WAW45	405+13.83 SQN	20.29' LT	483212.78	820948.20	905.77	FOW
WAW46	405+52.75 SQN	20.72' LT	483239.81	820976.21	907.11	TOP
WAW47	404+25.71 SQN	43.42' LT	483169.13	820868.23	903.28	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
WAW48	404+08.32 SQN	4.96' LT	483129.22	820881.97	904.86	MATCH
WAW49	404+54.26 SQN	5.29' RT	483153.29	820922.42	905.76	MATCH
WAW50	404+64.07 SQN	25.81' LT	483182.64	820908.22	905.06	FOW
WAW51	404+37.67 SQN	42.63' LT	483176.76	820877.47	904.25	MATCH
WAW52	404+39.17 SQN	27.08' LT	483166.48	820889.23	904.73	MATCH
WAW53	404+41.84 SQN	27.04' LT	483168.28	820891.20	904.79	MATCH
WAW54	404+41.83 SQN	24.48' LT	483166.42	820892.96	904.77	MATCH
WAW55	404+52.13 SQN	24.56' LT	483173.54	820900.39	904.99	MATCH
WAW56	404+54.77 SQN	24.63' LT	483175.40	820902.26	904.92	MATCH
WAW57	404+64.09 SQN	19.61' LT	483178.15	820912.49	905.28	MATCH
WAW58	404+07.75 SQN	43.91' LT	483157.15	820854.83	904.05	MATCH
WAW59	404+25.97 SQN	36.07' LT	483163.96	820873.47	904.04	EOP
WAW60	404+27.99 SQN	36.04' LT	483165.32	820874.95	903.96	FL
WAW61	406+22.65 SQN	9.90' RT	483265.50	821048.06	0.00	RADIUS*
WAW62	405+73.83 SQN	20.97' LT	483254.45	820991.37	907.32	TOP
WAW63	404+96.18 SQN	20.07' LT	483200.51	820935.51	905.58	TOP
WAW64	404+57.77 SQN	39.65' LT	483188.38	820894.14	0.00	RADIUS*
WAW65	405+46.17 SQN	20.65' LT	483235.24	820971.47	906.11	BOT
WAW66	405+52.75 SQN	20.72' LT	483239.81	820976.20	906.18	BOT

* POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION.

60631225P

GRADING PLAN: WB MIFFLIN STREET AT WISCONSIN AVENUE

CITY OF MADISON

60631225P

1

PLAN REVISION 4

DATE

5/23

BY

DJC

MARK

Designed By: strwmo

Date: 2023-05-03

Scale: 1"=20 FT

60631225P

CITY OF MADISON

WISCONSIN

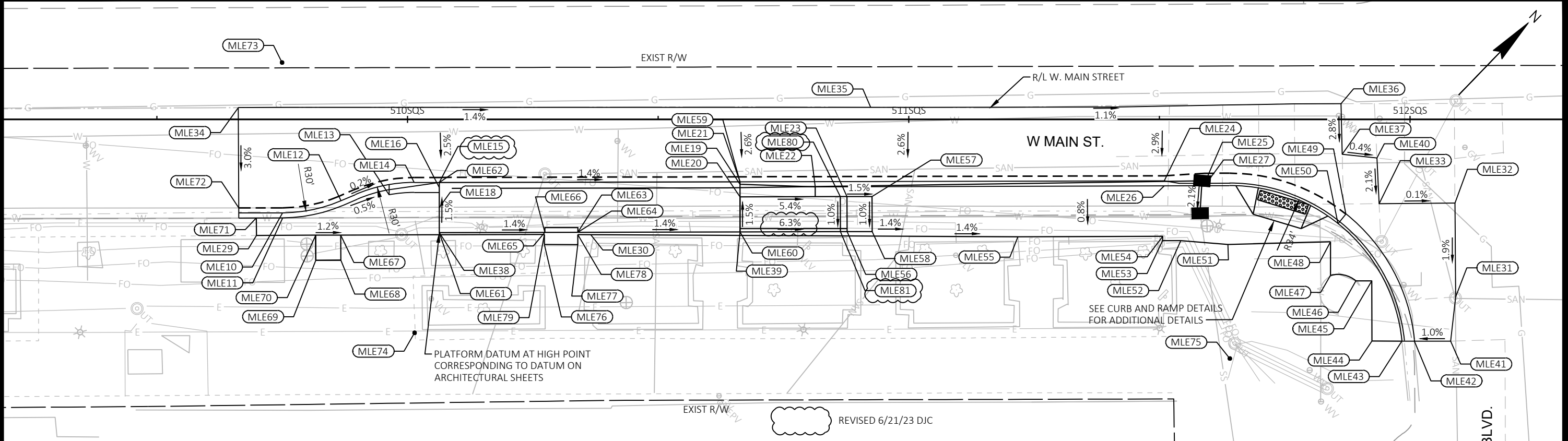
60631225P

G3-E

FILE NAME: C:\PWORKING\AECOM_DS20_NA_2019\COO21426\DO107215\050208_PN.DWG

LAYOUT NAME: 050208.plt

LAST PLOT DATE: 2023-06-03



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MLE10	509+75.05 SQS	18.65' RT	482358.82	821287.06	921.42	FL
MLE11	509+75.06 SQS	19.72' RT	482358.05	821287.80	921.75	BOC
MLE12	509+86.75 SQS	16.24' RT	482368.64	821293.85	921.36	FL
MLE13	509+96.33 SQS	15.06' RT	482376.11	821299.97	921.65	BOC
MLE14	510+01.32 SQS	12.60' RT	482381.34	821301.88	921.29	FL
MLE15	510+06.32 SQS	12.59' RT	482384.80	821305.49	922.38	TOP
MLE16	510+06.32 SQS	13.59' RT	482384.08	821306.18	921.58	BOC
MLE18	510+06.33 SQS	17.59' RT	482381.19	821308.95	922.45	TOP
MLE19	510+66.32 SQS	12.95' RT	482425.96	821349.14	921.52	TOP
MLE20	510+66.33 SQS	15.46' RT	482424.16	821350.87	921.56	TOP
MLE21	510+66.32 SQS	12.46' RT	482426.32	821348.80	921.52	TOP
MLE22	510+81.32 SQS	13.48' RT	482435.94	821360.35	920.71	BOC
MLE23	510+87.66 SQS	15.41' RT	482438.92	821366.27	920.45	FOW
MLE24	511+50.96 SQS	12.27' RT	482484.90	821409.89	919.23	FL
MLE25	511+58.98 SQS	12.76' RT	482490.09	821416.03	919.12	FL
MLE26	511+50.96 SQS	13.28' RT	482484.17	821410.59	919.56	BOC
MLE27	511+58.99 SQS	13.26' RT	482489.73	821416.38	919.45	BOC
MLE29	509+69.86 SQS	23.18' RT	482351.96	821286.43	922.01	MATCH
MLE30	510+36.58 SQS	23.02' RT	482398.14	821334.58	921.16	MATCH
MLE31	512+09.10 SQS	35.42' RT	482508.30	821467.93	918.52	MATCH
MLE32	512+08.94 SQS	16.71' RT	482521.72	821454.89	918.88	MATCH
MLE33	511+93.81 SQS	16.83' RT	482511.19	821444.03	918.89	MATCH
MLE34	509+66.23 SQS	2.33' LT	482367.90	821266.18	922.17	MATCH
MLE35	510+92.39 SQS	2.39' LT	482455.06	821357.40	920.41	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MLE36	511+86.21 SQS	3.12' LT	482520.38	821424.76	919.40	MATCH
MLE37	511+86.46 SQS	6.97' RT	482513.25	821431.91	919.12	MATCH
MLE38	510+06.35 SQS	22.59' RT	482377.58	821312.41	922.53	TOP
MLE39	510+66.35 SQS	22.46' RT	482419.10	821355.72	921.66	TOP
MLE40	511+93.38 SQS	7.71' RT	482517.49	821437.43	919.08	MACH
MLE41	512+08.07 SQS	44.25' RT	482501.20	821473.28	918.39	MATCH
MLE42	512+00.86 SQS	44.28' RT	482496.20	821468.08	918.32	MATCH
MLE43	511+98.36 SQS	44.27' RT	482494.49	821466.26	918.45	MATCH
MLE44	511+92.40 SQS	44.25' RT	482490.39	821461.94	918.64	MATCH
MLE45	511+92.35 SQS	32.24' RT	482499.04	821453.61	918.79	MATCH
MLE46	511+89.20 SQS	32.25' RT	482496.85	821451.34	918.88	MATCH
MLE47	511+84.14 SQS	31.14' RT	482494.16	821446.91	918.93	MATCH
MLE48	511+84.12 SQS	24.45' RT	482498.99	821442.28	918.98	MATCH
MLE49	511+87.20 SQS	18.89' RT	482505.13	821440.67	918.82	EOP
MLE50	511+85.63 SQS	20.84' RT	482502.64	821440.89	919.07	BOC
MLE51	511+63.65 SQS	24.96' RT	482484.49	821427.83	919.05	MATCH
MLE52	511+54.25 SQS	24.19' RT	482478.55	821420.50	919.30	MATCH
MLE53	511+50.62 SQS	24.22' RT	482476.03	821417.89	919.48	MATCH
MLE54	511+50.66 SQS	23.34' RT	482476.69	821417.32	919.47	MATCH
MLE55	511+21.75 SQS	23.44' RT	482456.65	821396.48	919.88	MATCH
MLE56	510+87.68 SQS	22.41' RT	482433.87	821371.12	920.38	FOW
MLE57	510+92.66 SQS	15.40' RT	482442.38	821369.88	920.38	FOW
MLE58	510+92.68 SQS	22.40' RT	482437.33	821374.73	920.31	FOW
MLE59	510+66.32 SQS	12.46' RT	482426.32	821348.80	920.39	FL

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MLE60	510+66.35 SQS	22.46' RT	482419.10	821355.72	920.71	FOW
MLE61	510+06.35 SQS	22.59' RT	482377.58	821312.41	921.57	FOW
MLE62	510+06.32 SQS	12.59' RT	482384.80	821305.49	921.26	FL
MLE63	510+33.98 SQS	22.53' RT	482396.71	821332.36	922.13	TOP
MLE64	510+33.98 SQS	22.53' RT	482396.71	821332.36	921.21	FOW
MLE65	510+27.40 SQS	22.54' RT	482392.15	821327.61	922.23	TOP
MLE66	510+27.40 SQS	22.54' RT	482392.15	821327.61	921.31	FOW
MLE67	509+86.68 SQS	23.09' RT	482363.64	821298.54	921.81	BOW
MLE68	509+86.71 SQS	28.11' RT	482360.02	821302.02	921.97	MATCH
MLE69	509+81.71 SQS	28.13' RT	482356.56	821298.42	922.01	MATCH
MLE70	509+81.69 SQS	23.11' RT	482360.18	821294.94	921.87	BOW
MLE71	509+69.84 SQS	19.67' RT	482354.48	821283.99	921.91	BOC
MLE72	509+66.33 SQS	17.68' RT	482353.50	821280.08	921.56	MATCH
MLE73	509+74.96 SQS	11.35' LT	482380.45	821266.28	0.00	RADIUS*
MLE74	510+01.41 SQS	42.60' RT	482359.70	821322.66	0.00	RADIUS*
MLE75	511+64.03 SQS	47.75' RT	482468.27	821443.84	0.00	RADIUS*
MLE76	510+27.30 SQS	24.98' RT	482390.33	821329.22	921.33	MATCH
MLE77	510+33.97 SQS	25.01' RT	482394.90	821334.06	921.49	MATCH
MLE78	510+33.98 SQS	23.01' RT	482396.36	821332.69	921.19	MATCH
MLE79	510+27.31 SQS	22.98' RT	482391.78	821327.84	921.31	MATCH
MLE80	510+86.33 SQS	15.42' RT	482438.00	821365.31	920.47	FOW
MLE81	510+86.35 SQS	22.42' RT	482432.95	821370.16	920.40	FOW

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60631225P

GRADING PLAN: EB MAIN ST AT MARTIN LUTHER KING JR. BLVD

CITY OF MADISON

60631225P

2

PLAN REVISION 4

6/21/23

DJC

1

ADDENDUM 3

11/14/22

OTL

MARK

DESIGNED BY: STRAW

DATE: 2023-06-21

60631225P

60631225P

G5-E

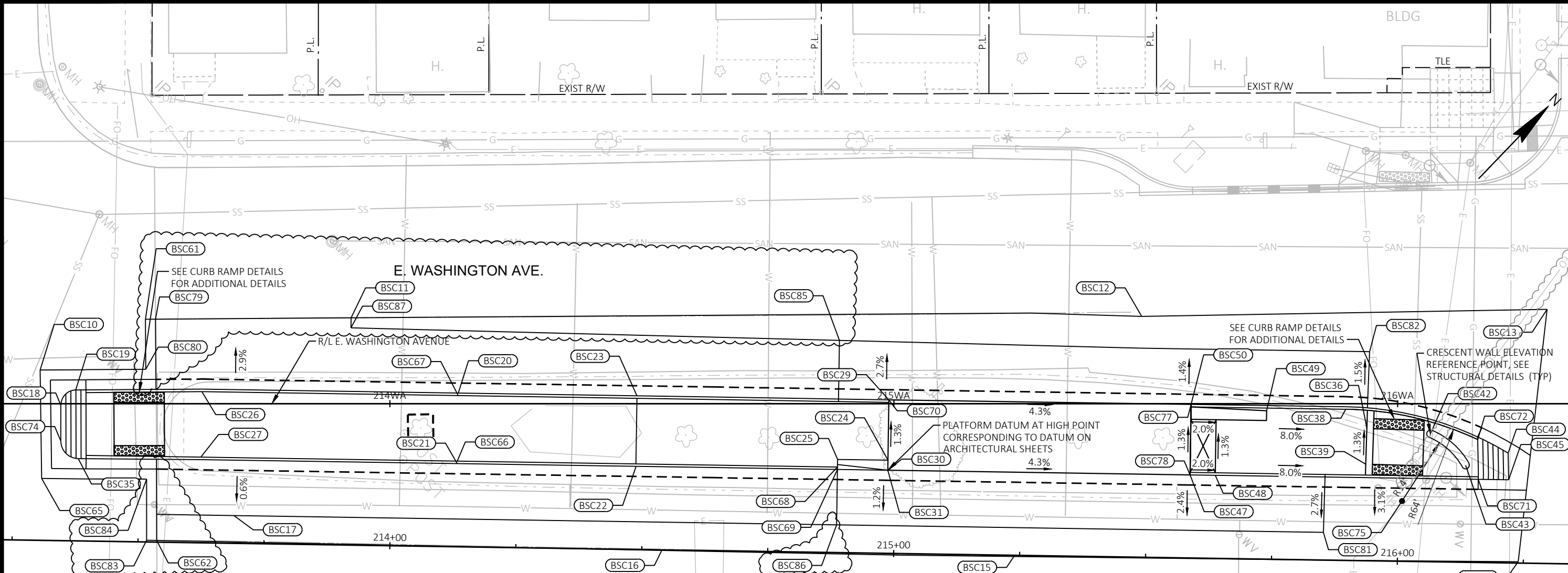
CITY OF MADISON

WISCONSIN

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\COO21426\DO107215\050214_PN.DWG

LAYOUT NAME - 050214_PN

LAST PLOT DATE: 2023-06-21



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BSC10	213+30.04	33.81' LT	484016.24	822383.27	871.34	MATCH
BSC11	213+91.62	45.12' LT	484066.49	822420.62	868.74	MATCH
BSC12	215+48.50	47.81' LT	484175.39	822533.56	862.38	MATCH
BSC13	216+28.95	50.45' LT	484232.17	822590.62	859.09	MATCH
BSC14	216+23.97	0.27' LT	484192.06	822621.19	859.31	MATCH
BSC15	215+24.03	0.02' RT	484123.72	822548.26	863.63	MATCH
BSC16	214+54.03	0.02' RT	484076.00	822497.05	866.80	MATCH
BSC17	213+68.95	5.50' LT	484022.04	822431.04	870.27	MATCH
BSC18	213+34.25	26.89' LT	484014.04	822391.07	871.32	FL
BSC19	213+37.18	29.94' LT	484018.28	822391.13	871.19	FL
BSC20	214+13.12	30.50' LT	484070.45	822446.31	868.29	FL
BSC21	214+13.12	16.49' LT	484060.20	822455.86	868.67	FL
BSC22	214+48.64	16.50' LT	484084.41	822481.84	867.16	FL
BSC23	214+48.59	30.49' LT	484094.62	822472.27	866.88	FL
BSC24	214+98.59	18.50' LT	484119.93	822517.03	865.99	BOC
BSC25	214+88.58	18.50' LT	484113.11	822509.71	865.75	BOC
BSC26	213+62.22	30.00' LT	484035.38	822409.41	870.81	BOC
BSC27	213+62.22	17.00' LT	484025.87	822418.27	871.09	BOC
BSC29	214+98.59	30.49' LT	484128.70	822508.85	864.83	FL

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BSC30	214+98.59	16.50' LT	484118.46	822518.39	866.13	TOP
BSC31	214+98.59	16.50' LT	484118.46	822518.39	865.01	FL
BSC35	213+37.88	16.33' LT	484008.79	822400.92	871.34	FL
BSC36	215+93.53	26.22' LT	484190.30	822581.23	860.90	FOW
BSC38	215+89.29	30.00' LT	484190.17	822575.55	861.41	BOC
BSC39	215+93.43	19.15' LT	484185.06	822585.97	861.00	FOW
BSC42	216+06.17	25.37' LT	484198.29	822591.05	861.10	RADIUS
BSC43	216+13.24	19.25' LT	484198.63	822600.40	860.69	RADIUS
BSC44	216+21.66	21.79' LT	484206.23	822604.83	859.77	FL
BSC45	216+21.84	16.50' LT	484202.48	822608.57	859.74	FL
BSC47	215+58.59	16.50' LT	484159.36	822562.29	862.40	FL
BSC48	215+63.59	16.50' LT	484162.77	822565.95	862.17	FL
BSC49	215+73.59	29.49' LT	484179.10	822564.41	862.46	BOC
BSC50	215+58.59	30.50' LT	484169.61	822552.75	862.22	FL
BSC61	213+50.80	44.21' LT	484037.99	822391.37	870.37	MATCH
BSC62	213+53.71	0.34' LT	484007.89	822423.40	870.80	MATCH
BSC65	213+30.69	12.28' LT	484000.92	822398.42	871.58	MATCH
BSC66	214+13.12	17.00' LT	484060.57	822455.52	869.17	BOC
BSC67	214+13.12	29.99' LT	484070.08	822446.66	868.79	BOC

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BSC68	214+88.58	17.00' LT	484112.01	822510.73	865.77	BOC
BSC69	214+88.58	16.50' LT	484111.64	822511.07	865.44	FL
BSC70	214+98.59	30.49' LT	484128.70	822508.85	865.95	TOP
BSC71	216+15.81	16.50' LT	484198.37	822604.15	860.02	FL
BSC72	216+15.57	24.35' LT	484203.95	822598.62	860.52	BOC
BSC74	213+34.38	19.77' LT	484008.92	822396.02	871.40	FL
BSC75	216+00.72	11.93' LT	484184.74	822596.23	0.00	RADIUS*
BSC76	215+89.29	34.00' RT	484143.35	822619.18	0.00	RADIUS*
BSC77	215+58.59	30.50' LT	484169.61	822552.75	863.34	TOP
BSC78	215+58.59	16.50' LT	484159.36	822562.29	863.52	TOP
BSC79	213+52.80	44.25' LT	484039.39	822392.80	870.29	MATCH
BSC80	213+51.02	34.26' LT	484030.86	822398.31	870.61	MATCH
BSC81	215+85.25	5.50' LT	484169.49	822589.29	861.01	EOP
BSC82	215+93.85	41.50' LT	484201.70	822571.05	860.61	EOP
BSC83	213+51.71	0.35' LT	484006.53	822421.93	870.86	MATCH
BSC84	213+51.50	12.48' LT	484015.26	822413.51	870.90	MATCH
BSC85	214+88.59	42.11' LT	484130.39	822493.61	864.92	EOP
BSC86	214+88.58	5.50' LT	484103.59	822518.57	865.34	EOP
BSC87	213+91.60	43.12' LT	484065.01	822421.97	868.79	EOP

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GRADING PLAN: EB E. WASHINGTON AVENUE AT BLAIR STREET CENTER RUNNING 60631225P

BUS RAPID TRANSIT

CITY OF MADISON



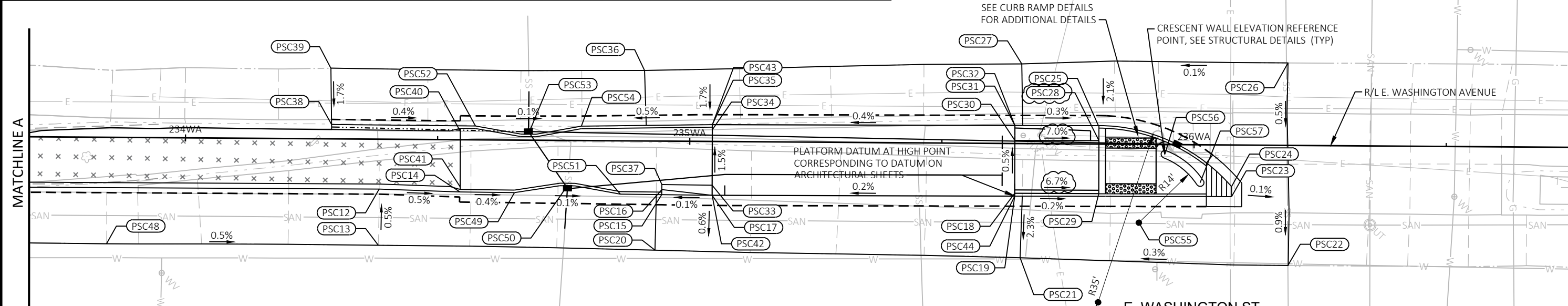
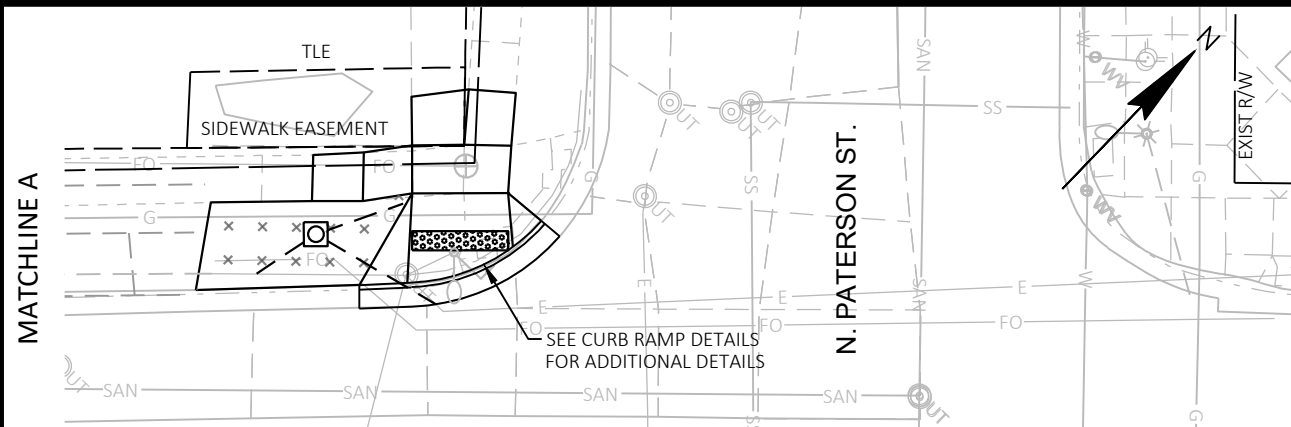
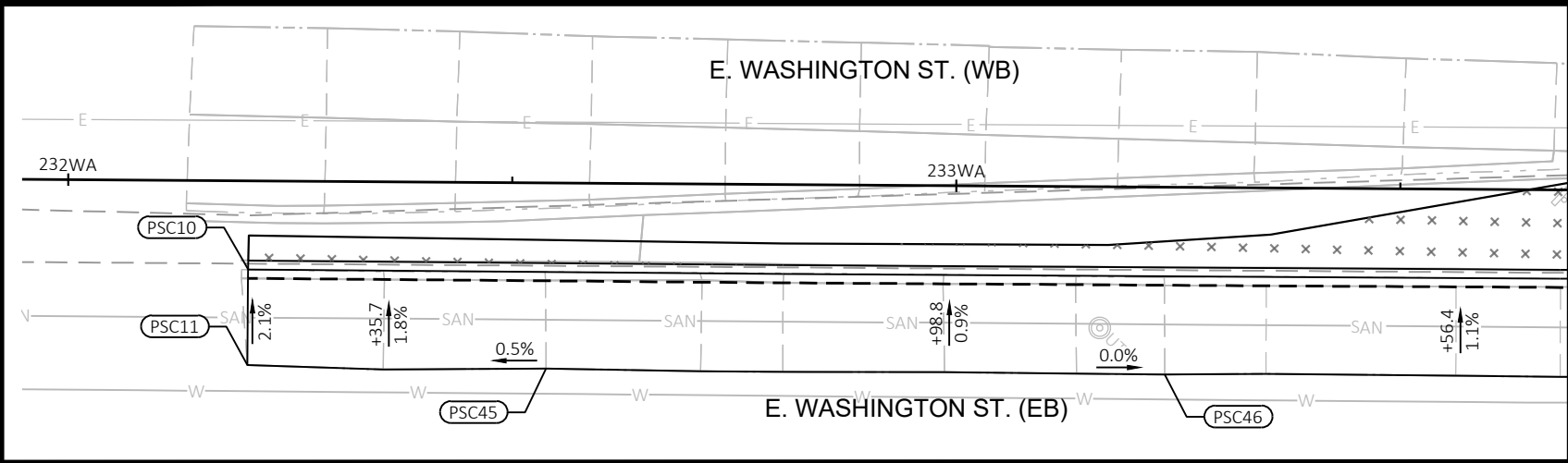
60631225P

G7-E

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

2	PLAN REVISION 4	4/5/23	DJC
1	PLAN REVISION 1	11/17/22	DJC
MARK	REVISION	DATE	BY
Designed By: strwmo Date: 2023-04-05			
60631225P			
Scale: 1"=20 FT			



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
PSC10	232+20.34 WA	9.97' RT	485313.53	823757.54	849.63	FL
PSC11	232+20.32 WA	20.75' RT	485305.75	823764.99	849.86	MATCH
PSC12	234+38.47 WA	9.89' RT	485464.72	823914.78	849.76	FL
PSC13	234+38.38 WA	21.02' RT	485456.64	823922.42	849.74	MATCH
PSC14	234+54.52 WA	10.34' RT	485475.51	823926.66	849.62	FL
PSC15	234+94.52 WA	10.60' RT	485503.04	823955.68	849.56	FL
PSC16	234+94.52 WA	9.60' RT	485503.76	823955.00	849.88	BOC
PSC17	235+04.52 WA	10.68' RT	485509.91	823962.95	849.56	FL
PSC18	235+64.51 WA	9.87' RT	485552.07	824005.65	850.78	BOC
PSC19	235+64.52 WA	10.41' RT	485551.68	824006.03	849.66	FL
PSC20	234+93.24 WA	21.61' RT	485494.22	823962.39	849.54	MATCH
PSC21	235+65.64 WA	22.61' RT	485543.66	824015.30	849.38	MATCH
PSC22	236+18.78 WA	23.78' RT	485579.63	824054.42	849.54	MATCH
PSC23	236+07.52 WA	10.22' RT	485581.61	824036.90	849.64	FL
PSC24	236+07.51 WA	8.22' RT	485583.04	824035.51	849.63	FL
PSC25	235+81.02 WA	3.67' LT	485573.26	824008.18	849.52	FL
PSC26	236+18.53 WA	16.36' LT	485608.40	824026.43	849.84	MATCH
PSC27	235+65.74 WA	15.80' LT	485571.43	823988.75	849.77	MATCH
PSC28	235+81.13 WA	0.69' LT	485571.19	824010.32	849.57	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
PSC29	235+81.18 WA	9.81' RT	485563.65	824017.63	849.67	BOC
PSC30	235+64.47 WA	0.61' LT	485559.59	823998.35	850.73	TOP
PSC31	235+64.45 WA	3.59' LT	485561.73	823996.28	850.71	TOP
PSC32	235+64.45 WA	3.59' LT	485561.73	823996.28	849.59	FL
PSC33	235+04.50 WA	8.68' RT	485511.34	823961.55	850.65	BOC
PSC34	235+04.46 WA	2.32' LT	485519.25	823953.90	850.13	BOC
PSC35	235+04.45 WA	3.32' LT	485519.96	823953.20	849.35	FL
PSC36	234+90.96 WA	13.99' LT	485518.30	823936.08	849.50	MATCH
PSC37	234+94.53 WA	8.60' RT	485504.49	823954.31	849.86	BOC
PSC38	234+28.94 WA	2.85' LT	485467.31	823899.08	849.35	FL
PSC39	234+28.75 WA	14.00' LT	485475.22	823891.22	849.54	MATCH
PSC40	234+54.48 WA	1.66' LT	485484.14	823918.31	849.71	BOC
PSC41	234+54.52 WA	9.34' RT	485476.24	823925.97	849.94	BOC
PSC42	235+04.52 WA	10.68' RT	485509.91	823962.95	850.68	TOP
PSC43	235+04.45 WA	3.32' LT	485519.96	823953.20	850.48	TOP
PSC44	235+64.52 WA	10.41' RT	485551.68	824006.02	850.79	TOP
PSC45	232+53.96 WA	20.89' RT	485328.96	823789.35	850.02	MATCH
PSC46	233+23.61 WA	21.10' RT	485377.06	823839.71	850.17	MATCH
PSC48	233+84.49 WA	21.08' RT	485419.26	823883.60	850.03	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
PSC49	234+65.30 WA	10.41' RT	485482.94	823934.48	849.58	FL
PSC50	234+75.81 WA	8.97' RT	485491.26	823941.06	849.34	FL
PSC51	234+86.30 WA	10.54' RT	485497.39	823949.72	849.55	FL
PSC52	234+57.49 WA	2.73' LT	485487.00	823919.74	849.24	FL
PSC53	234+67.99 WA	1.21' LT	485493.17	823928.37	849.00	FL
PSC54	234+78.49 WA	2.86' LT	485501.65	823934.80	849.22	FL
PSC55	235+89.18 WA	15.53' RT	485565.08	824027.36	849.56	RADIUS*
PSC56	235+94.21 WA	1.92' RT	485578.37	824021.56	850.00	RADIUS*
PSC57	236+01.24 WA	7.49' RT	485579.22	824030.48	850.10	RADIUS*
PSC62	235+81.18 WA	31.33' RT	485548.13	824032.54	849.23	RADIUS*

* POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION.

60631225P

CITY OF MADISON

60631225P

SITE PLAN: E. WASHINGTON AVENUE AT PATERSON STREET

BUS RAPID TRANSIT

CITY OF MADISON

5/3/2023 DJC

11/17/22 DJC

2023-05-03

Scale: 1"=20 FT

60631225P

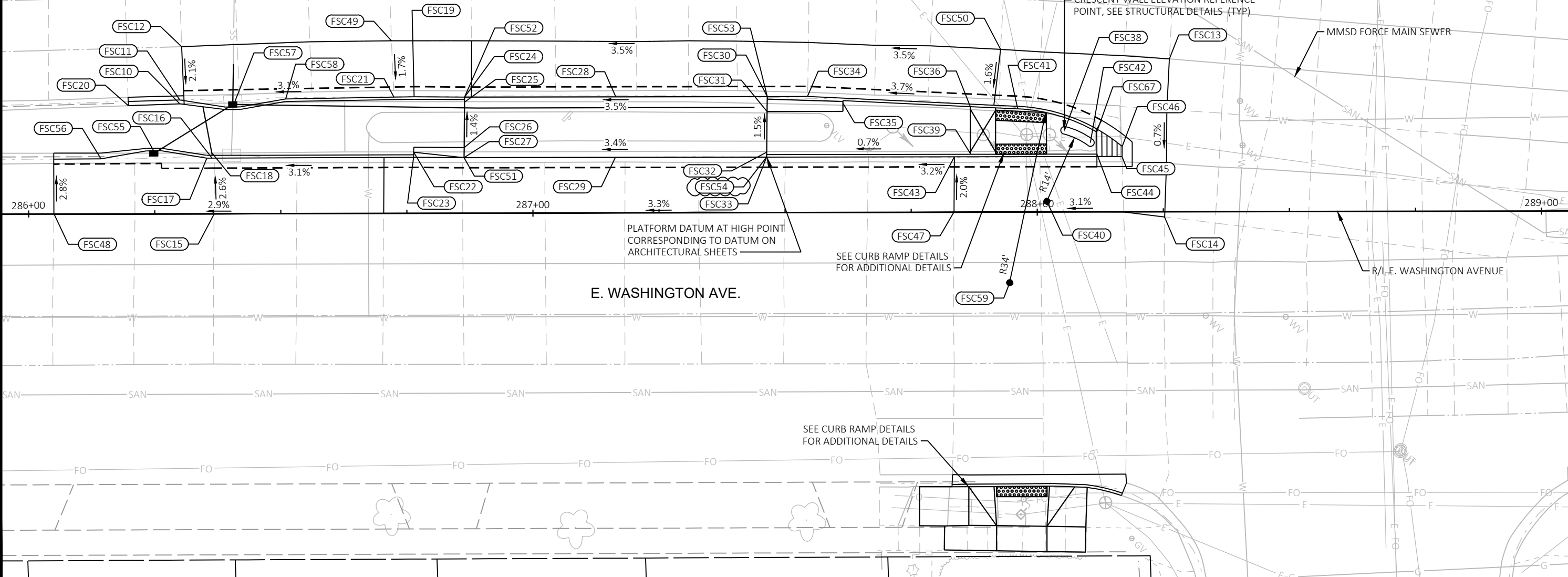
G8-E

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FSC10	286+30.03	21.78' LT	489089.62	827631.41	856.42	BOC
FSC11	286+30.02	22.57' LT	489090.18	827630.85	855.92	FL
FSC12	286+30.41	33.12' LT	489098.04	827623.80	856.17	MATCH
FSC13	288+26.27	30.31' LT	489232.00	827766.72	862.68	MATCH
FSC14	288+25.19	0.92' RT	489208.77	827787.62	862.67	MATCH
FSC15	286+36.78	0.09' RT	489078.56	827651.44	856.66	MATCH
FSC16	286+36.38	11.01' LT	489086.28	827643.45	856.37	FL
FSC17	286+35.35	11.01' LT	489085.56	827642.71	856.34	FL
FSC18	286+36.36	12.03' LT	489086.99	827642.73	856.70	BOC
FSC19	286+76.50	23.14' LT	489122.86	827663.90	857.40	FL
FSC20	286+19.82	21.43' LT	489082.27	827624.30	856.08	BOC
FSC21	286+72.49	23.05' LT	489120.00	827661.08	857.25	BOC
FSC22	286+76.39	12.08' LT	489114.82	827671.50	857.95	BOC
FSC23	286+76.37	11.10' LT	489114.11	827672.17	857.61	FL
FSC24	286+86.50	23.00' LT	489129.70	827671.20	857.77	FL
FSC25	286+86.49	22.00' LT	489128.97	827671.88	858.11	BOC
FSC26	286+86.39	13.00' LT	489122.43	827678.06	859.04	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FSC27	286+86.37	11.00' LT	489120.97	827679.44	857.98	FL
FSC28	287+16.50	23.00' LT	489150.53	827692.79	859.90	TOP
FSC29	287+16.38	11.00' LT	489141.80	827701.03	860.08	TOP
FSC30	287+46.50	23.00' LT	489171.36	827714.38	859.78	FL
FSC31	287+46.47	20.02' LT	489169.19	827716.43	860.95	TOP
FSC32	287+46.39	12.00' LT	489163.36	827721.94	861.07	TOP
FSC33	287+46.38	11.00' LT	489162.63	827722.63	859.96	FL
FSC34	287+54.47	23.00' LT	489176.89	827720.12	860.06	FL
FSC35	287+61.51	21.66' LT	489180.81	827726.12	861.13	BOC
FSC36	287+86.77	20.93' LT	489197.82	827744.80	861.77	FOW
FSC38	288+05.42	16.18' LT	489207.35	827761.52	0.00	RADIUS
FSC39	287+86.85	11.49' LT	489191.08	827751.41	861.72	FOW
FSC40	288+01.91	2.11' LT	489194.79	827768.76	0.00	RADIUS*
FSC41	287+96.18	20.47' LT	489204.02	827751.89	861.61	BOC
FSC42	288+10.58	13.74' LT	489209.17	827766.93	0.00	RADIUS
FSC43	287+83.59	10.99' LT	489188.45	827749.41	861.10	FL
FSC44	288+11.85	11.48' LT	489208.43	827769.42	862.53	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FSC45	288+16.81	10.97' LT	489211.51	827773.34	862.21	FL
FSC46	288+16.85	12.95' LT	489212.96	827771.99	862.25	FL
FSC47	287+83.50	0.06' LT	489180.53	827756.94	861.32	MATCH
FSC48	286+05.03	0.05' LT	489056.62	827628.49	855.81	MATCH
FSC49	286+72.01	34.20' LT	489127.70	827653.00	857.44	MATCH
FSC50	287+92.78	32.26' LT	489210.15	827741.27	861.41	MATCH
FSC51	286+86.37	11.00' LT	489120.97	827679.44	859.07	TOP
FSC52	286+86.50	23.00' LT	489129.70	827671.20	858.90	TOP
FSC53	287+46.50	23.00' LT	489171.35	827714.38	860.90	TOP
FSC54	287+46.38	11.00' LT	489162.63	827722.63	861.09	TOP
FSC55	286+24.85	12.47' LT	489079.32	827634.14	855.81	FL
FSC56	286+14.36	10.93' LT	489070.92	827627.66	855.69	FL
FSC57	286+40.54	21.15' LT	489096.45	827639.40	856.03	FL
FSC58	286+51.02	22.73' LT	489104.87	827645.85	856.54	FL
FSC59	287+94.50	13.99' RT	489178.06	827774.61	0.00	RADIUS*
FSC67	288+11.85	15.83' LT	489211.56	827766.39	862.55	BOC

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GRADING PLAN: E. WASHINGTON AVENUE AT FIRST STREET

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

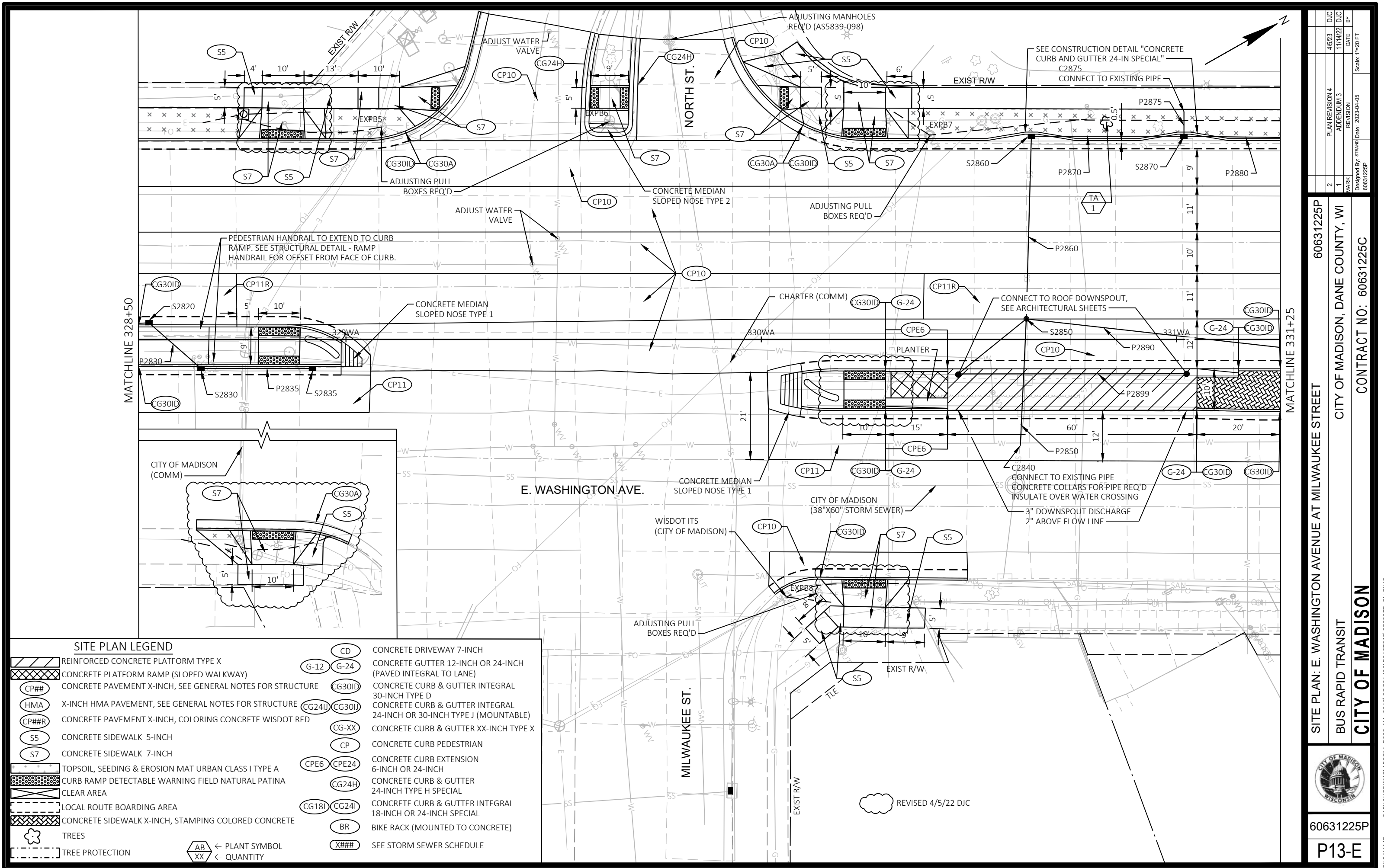
CONTRACT NO: 60631225C

PLAN REVISION 4	DJC	6/21/23
PLAN REVISION 1	DJC	11/17/22
REVISION	DATE	BY
MARK	2	1
Designed By: strwmo	Date: 2023-06-21	Scale: 1"=20' FT
60631225P		



60631225P

G10-E



CD

CONCRETE DRIVEWAY 7-INCH

G-12

G-24

CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)

CG30ID

CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D

CG24H

CG30H

CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)

CG-XX

CONCRETE CURB & GUTTER XX-INCH TYPE X

CP

CONCRETE CURB PEDESTRIAN

CPE6

CPE24

CONCRETE CURB EXTENSION 6-INCH OR 24-INCH

CG24H

CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL

CG18I

CG24I

CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL

BR

BIKE RACK (MOUNTED TO CONCRETE)

X###

SEE STORM SEWER SCHEDULE

CP##

CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE

HMA

X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE

CP##R

CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED

S5

CONCRETE SIDEWALK 5-INCH

S7

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

AB

← PLANT SYMBOL

XX

← QUANTITY

REINFORCED CONCRETE PLATFORM TYPE X

CONCRETE PLATFORM RAMP (SLOPED WALKWAY)

SITE PLAN LEGEND

60631225P

4/5/23

DJC

2

PLAN REVISION 4

11/14/22

DJC

1

ADDENDUM 3

REVISION

DATE

BY

MARK

DESIGNED BY: STRAWO

DATE: 2023-04-05

60631225P

Scale: 1"=20 FT

SITE PLAN: E. WASHINGTON AVENUE AT MILWAUKEE STREET

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON

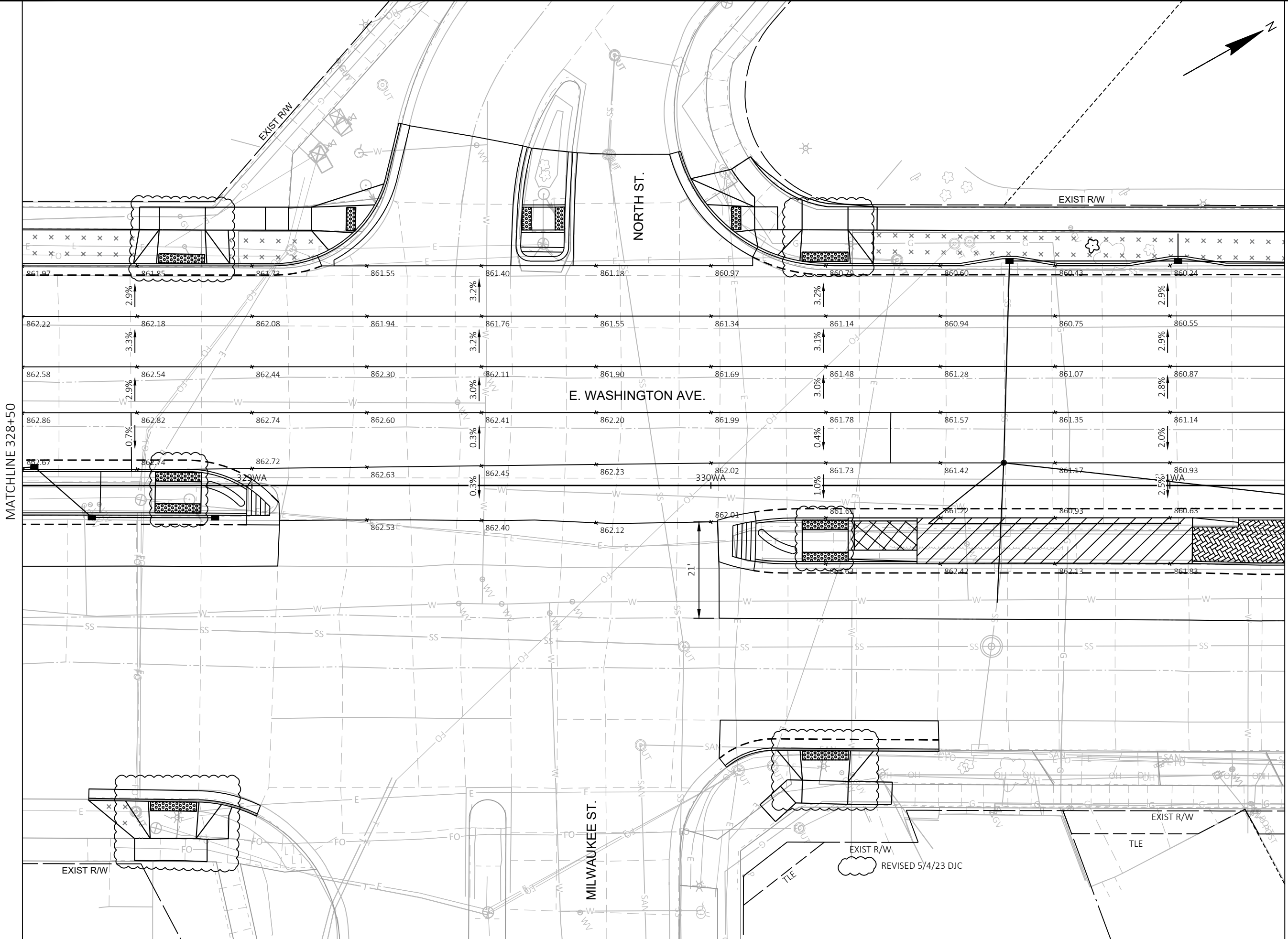
60631225P

P13-E

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\COO21426\DO107215\050237B_PN.DWG

LAYOUT NAME - 050237_PN

LAST PLOT DATE: 2023-04-05



MATCHLINE 331+25

3	PLAN REVISION 4	DJC	4/5/23
2	PLAN REVISION 1	CTL	2/6/23
1	APPENDIX 3	DJC	11/1/22
MARK	REVISION	DATE	BY
60631225P	Designed By: STRAM	Date: 2023-04-05	Scale: 1" = .001'

60631225P

PAVING DETAIL: E. WASHINGTON AVENUE AT MILWAUKEE STREET

BUS RAPID TRANSIT

CITY OF MADISON

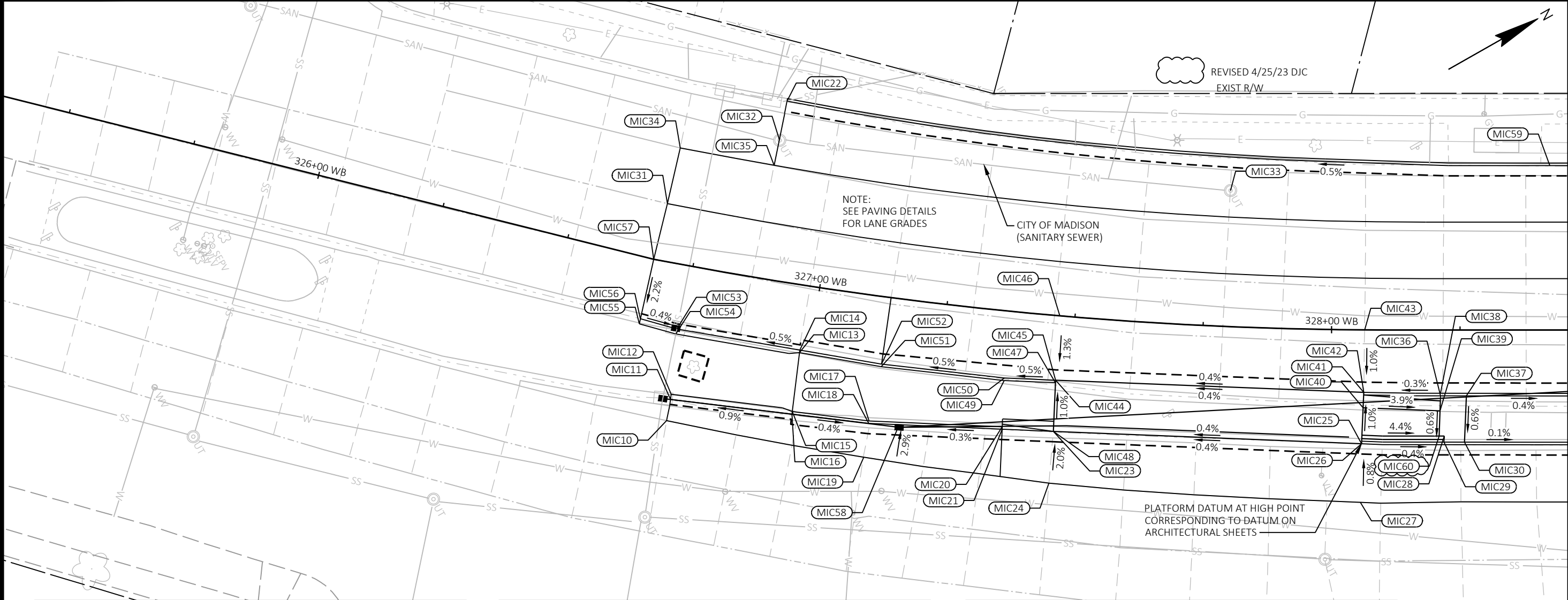
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

PD13-E



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MIC10	326+75.33 WB	30.41' RT	491958.41	830485.61	862.40	MATCH
MIC11	326+75.35 WB	26.19' RT	491961.13	830482.39	862.28	MATCH
MIC12	326+75.29 WB	25.19' RT	491961.73	830481.58	862.80	MATCH
MIC13	326+98.00 WB	13.07' RT	491987.45	830486.84	862.51	BOC
MIC14	326+97.99 WB	12.57' RT	491987.75	830486.44	862.18	FL
MIC15	326+98.33 WB	24.62' RT	491980.58	830496.13	862.83	BOC
MIC16	326+98.35 WB	25.12' RT	491980.29	830496.54	862.50	FL H.P.
MIC17	327+12.90 WB	24.33' RT	491992.68	830505.07	862.77	BOC
MIC18	327+12.93 WB	24.83' RT	491992.40	830505.49	862.44	FL
MIC19	327+12.80 WB	31.47' RT	491988.29	830510.71	862.64	MATCH
MIC20	327+37.99 WB	22.49' RT	492014.68	830518.83	862.82	BOC
MIC21	327+38.02 WB	22.99' RT	492014.41	830519.25	862.49	FL
MIC22	326+87.78 WB	34.88' LT	492009.46	830443.06	861.30	MATCH
MIC23	327+47.71 WB	22.51' RT	492022.89	830524.55	862.53	FL
MIC24	327+47.68 WB	32.60' RT	492017.17	830532.85	862.73	MATCH
MIC25	328+06.00 WB	22.15' RT	492073.89	830556.16	863.89	TOP
MIC26	328+06.00 WB	22.15' RT	492073.89	830556.17	862.77	FL H.P.

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MIC27	328+05.84 WB	33.54' RT	492068.07	830565.96	862.86	MATCH
MIC28	328+21.91 WB	20.63' RT	492088.63	830562.78	863.21	BOC
MIC29	328+21.86 WB	21.80' RT	492088.00	830563.77	863.21	FL
MIC30	328+25.87 WB	21.84' RT	492091.48	830565.78	863.16	FOW
MIC31	326+67.81 WB	11.13' LT	491979.36	830448.94	862.08	MATCH
MIC32	326+87.60 WB	27.11' LT	492004.45	830449.00	861.58	UT
MIC33	327+79.19 WB	26.47' LT	492075.96	830500.73	861.91	UT
MIC34	326+68.27 WB	22.23' LT	491986.88	830440.76	861.69	MATCH
MIC35	326+87.34 WB	22.14' LT	492001.12	830452.70	861.72	MATCH
MIC36	328+21.21 WB	12.80' RT	492091.87	830555.61	863.26	FOW
MIC37	328+26.23 WB	12.80' RT	492096.24	830558.09	863.24	BOC
MIC38	328+21.21 WB	12.29' RT	492092.12	830555.18	862.76	FL H.P.
MIC39	328+21.10 WB	15.72' RT	492090.34	830558.11	863.24	FOW
MIC40	328+06.24 WB	15.15' RT	492077.60	830550.22	863.82	TOP
MIC41	328+06.35 WB	12.15' RT	492079.19	830547.68	863.79	FOW
MIC42	328+06.35 WB	12.15' RT	492079.19	830547.68	862.67	FL
MIC43	328+06.42 WB	0.00'	492085.31	830537.18	862.80	EOP

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MIC44	327+47.31 WB	12.52' RT	492028.19	830516.07	863.56	TOP
MIC45	327+47.31 WB	12.52' RT	492028.19	830516.07	862.43	FL
MIC46	327+47.07 WB	0.00'	492035.07	830505.60	862.60	EOP
MIC47	327+47.31 WB	13.02' RT	492027.91	830516.48	862.76	BOC
MIC48	327+47.71 WB	22.51' RT	492022.89	830524.55	863.66	TOP
MIC49	327+37.51 WB	13.51' RT	492019.44	830511.19	862.71	BOC
MIC50	327+37.48 WB	13.01' RT	492019.71	830510.77	862.38	FL
MIC51	327+13.85 WB	13.55' RT	491999.94	830497.05	862.59	BOC
MIC52	327+13.85 WB	13.05' RT	492000.25	830496.65	862.26	FL
MIC53	326+74.12 WB	12.51' RT	491968.96	830471.09	862.05	FL L.P.
MIC54	326+74.08 WB	13.51' RT	491968.28	830471.83	862.54	BOC
MIC55	326+67.23 WB	12.87' RT	491963.09	830466.60	862.55	MATCH
MIC56	326+67.23 WB	11.87' RT	491963.76	830465.86	862.17	MATCH
MIC57	326+67.23 WB	0.00' LT	491971.73	830457.06	862.34	MATCH
MIC58	327+18.65 WB	24.33' RT	491997.43	830508.63	862.41	FL L.P.
MIC59	328+42.47 WB	32.00' LT	492132.43	830527.09	861.99	FL H.P.
MIC60	328+20.93 WB	20.63' RT	492087.77	830562.29	863.22	FOW

MATCHLINE 328+50

60631225P

GRADING PLAN: E. WASHINGTON AVENUE AT MILWAUKEE STREET

BUS RAPID TRANSIT



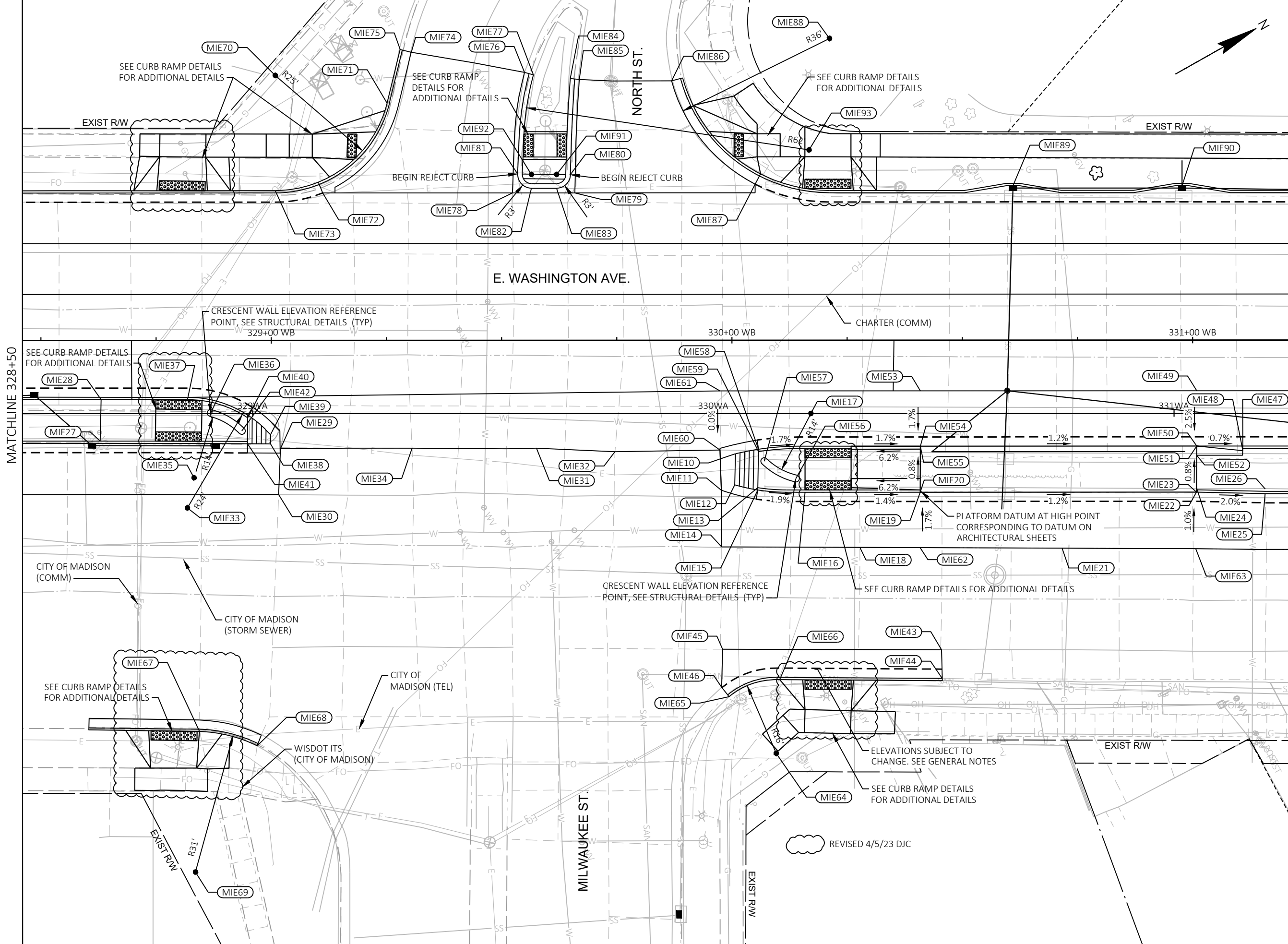
60631225P

CITY OF MADISON

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4	4/25/23	DJC
PLAN REVISION 1	2/8/23	OTL
REVISION	DATE	BY
MARK	DESIGNED BY: STRAWO	DATE: 2023-04-26
60631225P	Scale: 1"=20 FT	



3	PLAN REVISION 4	DJC	4/5/23
2	PLAN REVISION 1	CTL	2/6/23
1	APPENDIX 3	DJC	11/7/22
MARK	REVISION	DATE	BY
Designed By: strwmo Date: 2023-04-05 Scale: 1"=20 FT			
60631225P			

60631225P
GRADING PLAN: E. WASHINGTON AVENUE AT MILWAUKEE STREET
CITY OF MADISON, DANE COUNTY, WI
BUS RAPID TRANSIT
CONTRACT NO: 60631225C
CITY OF MADISON



60631225P
G13-E

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MIE10	330+00.76 WB	24.64' RT	492242.31	830654.33	861.96	FL
MIE11	329+97.68 WB	32.56' RT	492235.74	830659.70	861.95	BOC
MIE12	330+00.61 WB	31.40' RT	492238.85	830660.14	861.88	FL
MIE13	330+05.60 WB	32.01' RT	492242.90	830663.12	862.32	BOC
MIE14	329+97.77 WB	44.86' RT	492229.75	830670.45	861.49	MATCH
MIE15	330+05.59 WB	32.52' RT	492242.64	830663.56	861.83	FL
MIE16	330+15.86 WB	33.00' RT	492251.34	830669.04	861.70	FL
MIE17	330+17.14 WB	15.90' RT	492260.87	830654.79	0.00	RADIUS*
MIE18	330+27.77 WB	44.97' RT	492255.81	830685.32	861.72	MATCH
MIE19	330+40.86 WB	33.00' RT	492273.10	830681.35	861.35	FL
MIE20	330+40.86 WB	33.00' RT	492273.10	830681.35	862.48	TOP
MIE21	330+71.65 WB	45.15' RT	492293.92	830707.09	861.16	MATCH
MIE22	331+00.83 WB	33.00' RT	492325.30	830710.88	860.65	FL
MIE23	331+00.83 WB	33.00' RT	492325.30	830710.88	861.78	TOP
MIE24	331+00.84 WB	32.00' RT	492325.80	830710.01	861.67	BOC
MIE25	331+15.75 WB	33.34' RT	492338.12	830718.51	860.35	FL
MIE26	331+15.76 WB	32.33' RT	492338.62	830717.65	860.69	BOC
MIE27	328+62.86 WB	21.84' RT	492123.67	830583.99	863.06	BOC
MIE28	328+63.07 WB	12.84' RT	492128.28	830576.26	863.21	BOC
MIE29	329+01.98 WB	23.51' RT	492156.90	830604.70	862.62	MATCH
MIE30	329+01.60 WB	33.46' RT	492151.66	830613.18	862.67	MATCH
MIE31	329+57.58 WB	23.43' RT	492205.32	830632.01	862.30	MATCH
MIE32	329+74.59 WB	24.19' RT	492219.76	830641.05	862.08	MATCH
MIE33	328+81.80 WB	36.35' RT	492133.01	830605.95	0.00	RADIUS*
MIE34	329+30.56 WB	23.39' RT	492181.83	830618.68	862.49	MATCH
MIE35	328+83.24 WB	29.82' RT	492137.48	830600.97	0.00	RADIUS*
MIE36	328+86.82 WB	15.77' RT	492147.51	830590.51	0.00	RADIUS*
MIE37	328+81.81 WB	12.85' RT	492144.59	830585.50	862.74	BOC
MIE38	328+99.84 WB	22.45' RT	492155.55	830602.73	862.60	FL
MIE39	328+99.85 WB	20.45' RT	492156.54	830601.00	862.61	FL
MIE40	328+94.87 WB	16.82' RT	492154.00	830595.38	863.15	BOC
MIE41	328+94.84 WB	22.43' RT	492151.21	830600.25	862.58	FL
MIE42	328+93.59 WB	19.66' RT	492151.48	830597.23	0.00	RADIUS*
MIE43	330+45.47 WB	67.22' RT	492260.27	830713.40	860.88	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MIE44	330+45.63 WB	73.40' RT	492257.36	830718.86	860.56	EOP
MIE45	329+97.96 WB	67.06' RT	492218.99	830689.87	861.63	MATCH
MIE46	329+97.75 WB	75.34' RT	492214.74	830696.97	861.52	MATCH
MIE47	331+10.90 WB	23.00' RT	492338.99	830707.13	860.50	FL
MIE48	331+10.90 WB	24.00' RT	492338.50	830708.00	860.83	BOC
MIE49	331+00.90 WB	11.00' RT	492336.19	830691.76	860.88	EOP
MIE50	331+00.90 WB	23.00' RT	492330.28	830702.20	860.58	FL
MIE51	331+00.90 WB	23.00' RT	492330.28	830702.21	861.70	TOP
MIE52	331+00.89 WB	25.00' RT	492329.29	830703.94	861.72	BOC
MIE53	330+40.91 WB	11.00' RT	492283.98	830662.22	861.49	EOP
MIE54	330+40.91 WB	23.00' RT	492278.07	830672.67	861.28	FL
MIE55	330+40.91 WB	23.00' RT	492278.07	830672.67	862.40	TOP
MIE56	330+13.87 WB	30.03' RT	492251.07	830665.48	0.00	RADIUS*
MIE57	330+06.99 WB	26.26' RT	492246.94	830658.80	0.00	RADIUS*
MIE58	330+05.78 WB	23.66' RT	492247.17	830655.94	861.87	FL
MIE59	330+05.77 WB	24.16' RT	492246.91	830656.38	862.37	BOC
MIE60	329+97.40 WB	23.83' RT	492239.80	830651.97	862.00	MATCH
MIE61	329+97.40 WB	11.00' RT	492246.11	830640.81	862.01	EOP
MIE62	330+40.81 WB	45.02' RT	492267.15	830691.78	861.56	EOP
MIE63	331+00.68 WB	45.28' RT	492319.12	830721.49	860.77	MATCH
MIE64	330+09.58 WB	89.65' RT	492217.99	830715.26	0.00	RADIUS*
MIE65	329+99.36 WB	77.35' RT	492215.14	830699.51	861.84	FOW
MIE66	330+10.36 WB	73.66' RT	492226.54	830701.72	861.71	FOW
MIE67	328+84.40 WB	84.90' RT	492111.37	830649.49	861.81	BOC
MIE68	328+96.92 WB	88.00' RT	492120.74	830658.34	862.16	BOC
MIE69	328+83.50 WB	115.39' RT	492095.57	830675.58	0.00	RADIUS*
MIE70	329+00.88 WB	57.50' LT	492195.83	830533.66	0.00	RADIUS*
MIE71	329+25.15 WB	51.49' LT	492213.99	830550.84	861.40	BOC
MIE72	329+11.18 WB	32.00' LT	492192.23	830560.92	861.52	EOP
MIE73	329+00.89 WB	32.50' LT	492183.52	830555.42	862.21	BOC
MIE74	329+30.42 WB	62.53' LT	492224.01	830543.82	860.57	MATCH
MIE75	329+28.03 WB	63.11' LT	492222.22	830542.14	860.83	BOC
MIE76	329+55.01 WB	58.14' LT	492243.25	830559.75	860.95	MATCH
MIE77	329+56.94 WB	57.62' LT	492244.67	830561.15	861.49	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MIE78	329+52.38 WB	32.00' LT	492228.09	830581.21	861.34	MATCH
MIE79	329+65.94 WB	32.00' LT	492239.89	830587.88	861.23	MATCH
MIE80	329+64.97 WB	35.97' LT	492241.00	830583.95	861.10	FL
MIE81	329+53.50 WB	36.12' LT	492231.10	830578.17	861.18	FL
MIE82	329+56.50 WB	33.00' LT	492232.17	830582.36	861.27	FL
MIE83	329+61.97 WB	33.00' LT	492236.93	830585.06	861.22	FL
MIE84	329+64.92 WB	56.82' LT	492251.23	830565.78	860.91	BOC
MIE85	329+66.91 WB	56.64' LT	492252.87	830566.91	860.90	MATCH
MIE86	329+86.93 WB	56.31' LT	492270.13	830577.06	860.72	MATCH
MIE87	330+05.07 WB	33.88' LT	492274.88	830605.51	860.80	MATCH
MIE88	330+21.22 WB	65.50' LT	492304.50	830585.94	0.00	RADIUS*
MIE89	330+61.01 WB	33.50' LT	492323.38	830633.39	860.30	EOP
MIE90	330+97.74 WB	33.50' LT	492355.35	830651.47	860.04	EOP
MIE91	329+61.97 WB	36.00' LT	492238.41	830582.45	861.62	RADIUS*
MIE92	329+56.50 WB	36.00' LT	492233.65	830579.75	861.66	RADIUS*
MIE93	330+16.75 WB	41.31' LT	492288.70	830604.80	0.00	RADIUS*

* POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION.

REVISED 4/5/23 DJC

PLAN REVISION 4

PLAN REVISION 1

REVISION

4/5/23

2/8/23

DATE

DJC

OTL

BY

2

1

MARK

Designed By: strwmo

Date: 2023-04-05

60631225P

60631225P

CITY OF MADISON

CONTRACT NO: 60631225C



60631225P

G13A-E

GRADING PLAN: E. WASHINGTON AVENUE AT MILWAUKEE STREET

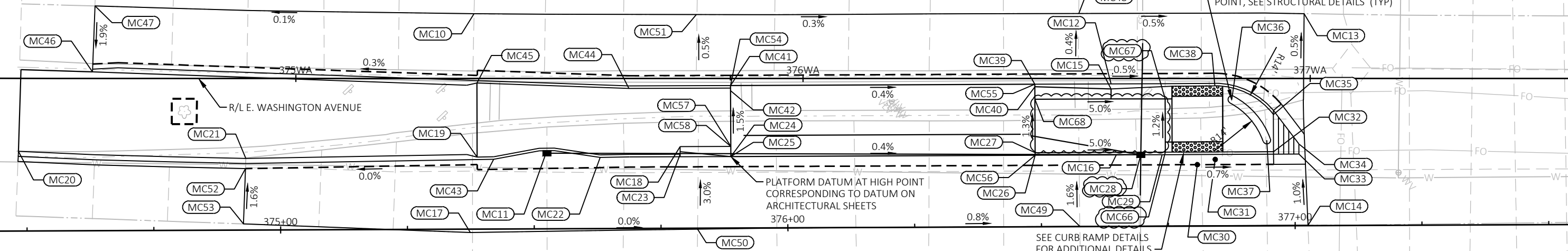
BUS RAPID TRANSIT

CITY OF MADISON, DANE COUNTY, WI

FILE NAME : C:\P\WORKING\AECOM_DS20_NA_2019\COO21426\DO107215\0502388_PN.DWG
LAYOUT NAME - 05023882.plt
LAST PLOT DATE - 2023-04-05

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC38	376+84.30	27.60' LT	495373.83	834017.36	881.47	BOC
MC39	376+48.82	28.10' LT	495348.48	833992.52	882.82	TOP
MC40	376+48.82	27.60' LT	495348.14	833992.88	882.83	TOP
MC41	375+88.82	28.10' LT	495305.04	833951.13	883.03	TOP
MC42	375+88.81	27.10' LT	495304.35	833951.86	882.26	BOC
MC43	375+42.06	13.75' LT	495261.30	833929.27	882.10	FL
MC44	375+68.78	27.60' LT	495290.19	833937.67	882.22	BOC
MC45	375+38.82	28.79' LT	495269.32	833916.14	882.13	BOC
MC46	374+63.01	31.31' LT	495216.17	833862.04	881.93	BOC
MC47	374+63.56	44.30' LT	495225.53	833853.01	881.77	MATCH
MC48	376+57.53	42.01' LT	495364.39	833988.46	881.58	MATCH
MC49	376+57.57	0.03' LT	495335.46	834018.88	882.05	MATCH
MC50	375+82.19	0.17' RT	495280.75	833967.03	882.52	MATCH
MC51	375+82.11	42.12' LT	495309.86	833936.36	881.83	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC52	374+93.12	12.12' LT	495224.74	833896.69	882.11	MATCH
MC53	374+92.65	1.22' LT	495216.88	833904.26	882.29	MATCH
MC54	375+88.82	28.10' LT	495305.04	833951.13	881.91	FL
MC55	376+48.82	28.10' LT	495348.49	833992.52	881.70	FL
MC56	376+48.82	14.10' LT	495338.83	834002.66	881.88	FL
MC57	375+88.81	16.10' LT	495296.77	833959.82	883.21	BOC
MC58	375+88.81	16.10' LT	495296.77	833959.82	883.21	TOP
MC59	377+04.98	98.70' LT	495437.85	833980.14	881.37	BOC
MC60	376+81.62	70.44' LT	495401.45	833984.49	880.75	BOC
MC61	376+77.50	97.63' LT	495417.21	833961.96	0.00	RADIUS*
MC66	376+74.48	14.60' LT	495357.76	834020.00	881.70	FOW
MC67	376+74.48	25.10' LT	495365.00	834012.40	881.58	FOW
MC68	376+48.82	25.10' LT	495346.42	833994.69	882.86	TOP



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC10	375+38.31	42.45' LT	495278.38	833905.90	881.88	MATCH
MC11	375+52.54	15.39' LT	495270.01	833935.31	881.86	FL
MC12	376+63.82	28.10' LT	495359.35	834002.87	881.59	FL
MC13	377+01.94	41.78' LT	495396.39	834019.26	881.37	MATCH
MC14	377+02.53	0.07' LT	495368.04	834049.86	881.68	MATCH
MC15	376+63.82	27.10' LT	495358.66	834003.59	882.09	BOC
MC16	376+64.81	14.10' LT	495350.41	834013.69	881.69	FL
MC17	375+37.38	0.68' RT	495247.96	833936.49	882.49	MATCH
MC18	375+78.82	16.10' LT	495289.53	833952.92	882.39	BOC
MC19	375+38.78	14.21' LT	495259.24	833926.68	882.45	BOC
MC20	374+48.35	15.70' LT	495194.80	833863.22	882.33	BOC
MC21	374+93.19	14.12' LT	495226.17	833895.29	882.52	BOC
MC22	375+63.05	14.03' LT	495276.69	833943.55	882.02	FL
MC23	375+78.82	14.60' LT	495288.49	833954.01	882.41	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC24	375+88.82	14.10' LT	495295.39	833961.27	883.24	TOP
MC25	375+88.82	14.10' LT	495295.39	833961.27	882.12	FL
MC26	376+48.82	14.10' LT	495338.83	834002.66	883.00	TOP
MC27	376+48.82	14.60' LT	495339.17	834002.29	883.89	TOP
MC28	376+69.64	14.10' LT	495353.90	834017.02	881.60	FL
MC29	376+73.85	14.10' LT	495356.95	834019.92	881.64	FL
MC30	376+80.77	12.10' LT	495360.59	834026.15	0.00	RADIUS*
MC31	376+84.30	13.10' LT	495363.83	834027.85	0.00	RADIUS*
MC32	376+95.82	14.60' LT	495373.20	834034.71	882.09	BOC
MC33	377+00.82	14.10' LT	495376.48	834038.53	881.57	FL
MC34	377+00.86	16.04' LT	495377.85	834037.15	881.56	FL
MC35	376+95.82	21.91' LT	495378.24	834029.42	881.90	BOC
MC36	376+87.60	24.89' LT	495374.35	834021.60	0.00	RADIUS*
MC37	376+94.47	16.87' LT	495373.79	834032.14	0.00	RADIUS*

* POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION.

60631225P

GRADING PLAN: E. WASHINGTON AVENUE AT MELVIN COURT

CITY OF MADISON

60631225P

1

PLAN REVISION 4

4/26/23

DATE

BY

MARK

DESIGNED BY: STRAW

DATE: 2023-04-26

Scale: 1"=20 FT

60631225P

CITY OF MADISON

WISCONSIN

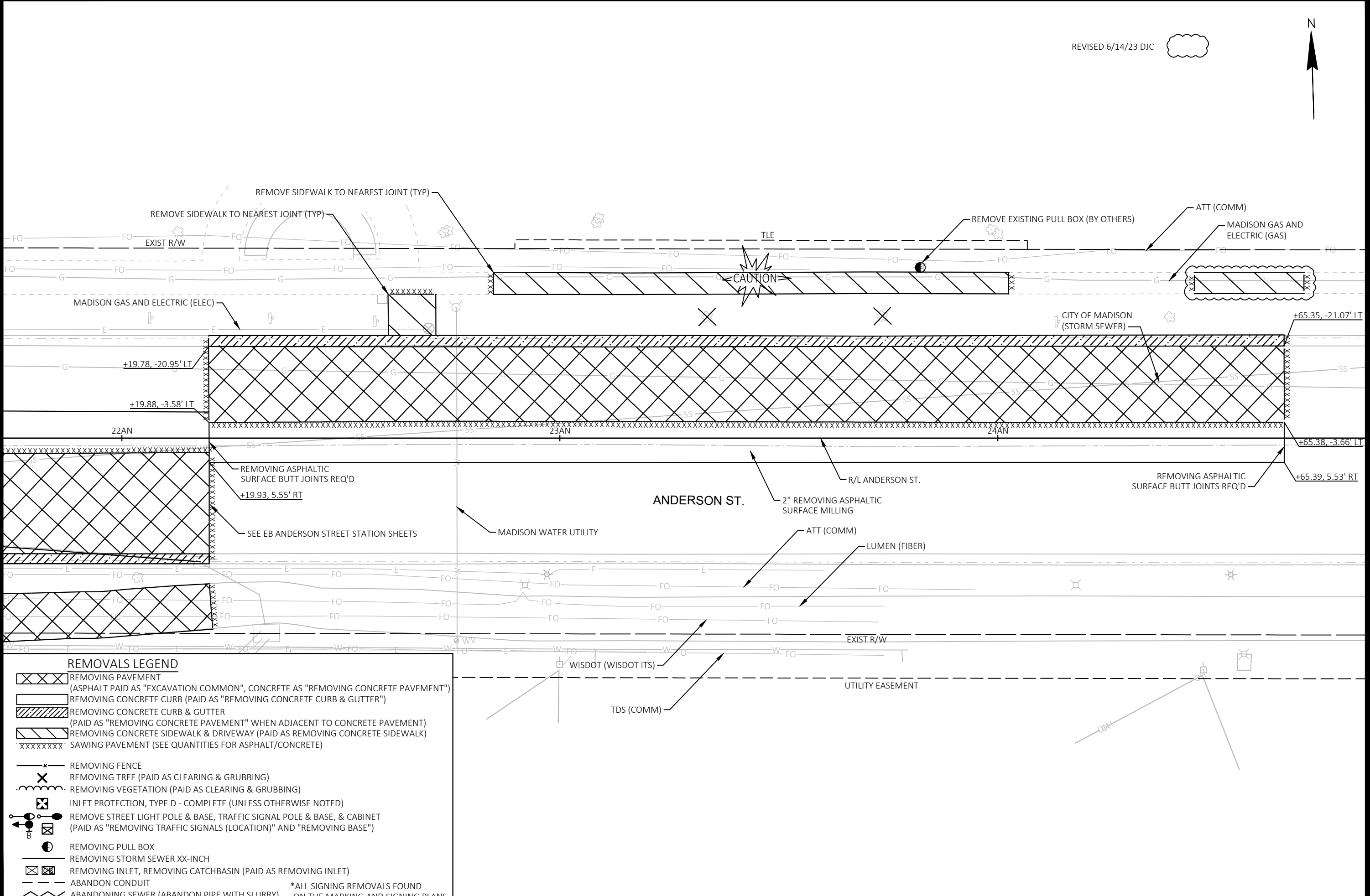
60631225P

G16-E

FILE NAME: C:\PWORKING\AECOM_DS20_NA_2019\CO021426\DO107215\050243A_PN.DWG

LAST PLOT DATE: 2023-04-26

LAYOUT NAME: 050243a_pn



REVISED 6/14/23 DJC



N

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)
 - 'XXXXXXXX' 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

1	PLAN REVISION 4	6/14/23	DJC	DATE	BY
MARK	REVISION	R16-E			
Designed By: STRAW			Date: 2023-06-14		
60631225P			Scale: 1"=20 FT		

60631225P

REMOVAL PLAN: WB ANDERSON STREET AT WRIGHT STREET

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

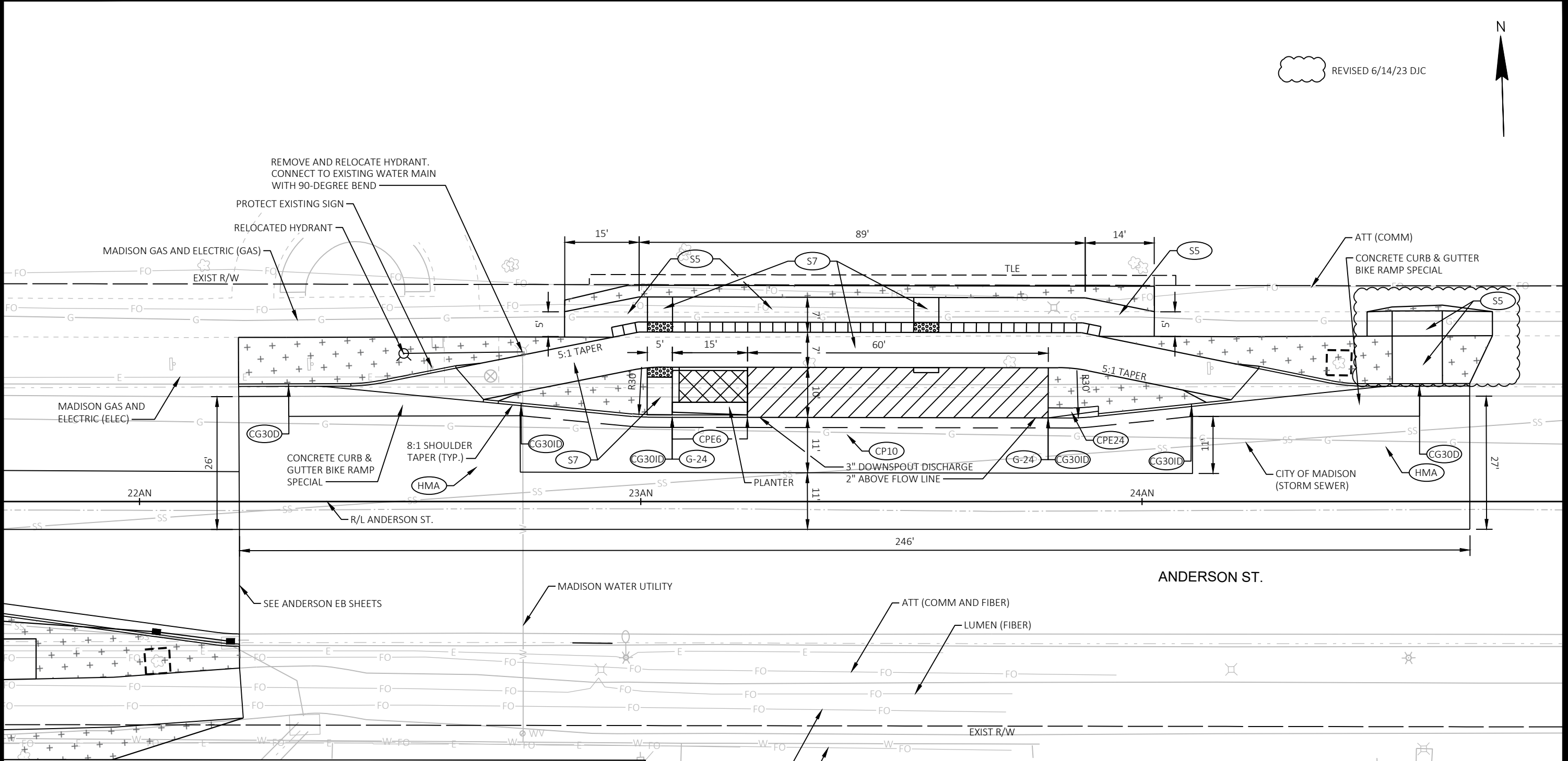
BUS RAPID TRANSIT

CITY OF MADISON



60631225P

R18-E



REVISED 6/14/23 DJC

N

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

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

SITE PLAN: WB ANDERSON STREET AT WRIGHT STREET

BUS RAPID TRANSIT

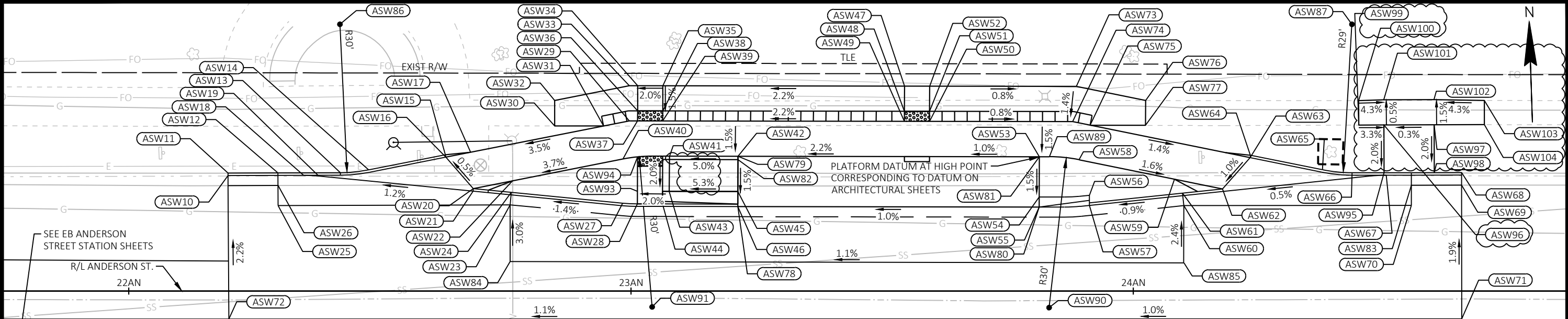
CITY OF MADISON

60631225P

P18-E

PLAN REVISION 4	6/14/23	DJC
PLAN REVISION 1	11/7/22	DJC
REVISION	DATE	BY
Designed By: STRAW	Date: 2023-06-14	Scale: 1"=20 FT
60631225P		

FILE NAME : C:\P\WORKING\AECOM_DS20_NA_2019\CO021426\DO107215\050248_P18.DWG
LAYOUT NAME - 050248_P18



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ASW10	22+19.78 AN	22.97' LT	499432.25	835719.23	856.73	FL
ASW11	22+19.77 AN	23.47' LT	499432.75	835719.25	857.16	BOC
ASW12	22+29.72 AN	23.50' LT	499432.47	835729.18	857.43	BOC
ASW13	22+42.15 AN	23.54' LT	499432.13	835741.61	857.58	BOC
ASW14	22+47.76 AN	24.10' LT	499432.51	835747.24	857.54	BOC
ASW15	22+63.05 AN	27.12' LT	499435.05	835762.61	857.43	BOC
ASW16	22+63.15 AN	26.63' LT	499434.55	835762.69	857.43	EOP
ASW17	22+68.05 AN	27.60' LT	499435.37	835767.63	857.55	EOP
ASW18	22+34.83 AN	23.02' LT	499431.83	835734.28	857.03	FL
ASW19	22+37.84 AN	22.88' LT	499431.60	835737.28	857.09	FL
ASW20	22+68.61 AN	20.38' LT	499428.14	835767.96	857.47	BOC
ASW21	22+68.56 AN	19.88' LT	499427.64	835767.90	857.46	FL
ASW22	22+76.39 AN	21.92' LT	499429.43	835775.78	857.76	EOP
ASW23	22+75.92 AN	17.16' LT	499424.68	835775.17	857.60	EOP
ASW24	22+76.17 AN	19.65' LT	499427.16	835775.49	858.07	BOC
ASW25	22+29.75 AN	17.00' LT	499425.98	835729.02	857.08	EOP
ASW26	22+29.74 AN	21.00' LT	499429.97	835729.13	856.98	EOP
ASW27	22+98.32 AN	17.49' LT	499424.31	835797.56	858.38	BOC
ASW28	23+01.27 AN	17.33' LT	499424.07	835800.51	858.43	FOW
ASW29	22+99.65 AN	33.84' LT	499440.61	835799.41	858.75	FOW
ASW30	22+84.80 AN	32.84' LT	499440.08	835784.53	858.30	MATCH
ASW31	22+94.53 AN	32.83' LT	499439.76	835794.26	858.59	FOW
ASW32	22+84.81 AN	37.90' LT	499445.13	835784.70	858.32	MATCH
ASW33	22+99.66 AN	40.84' LT	499447.61	835799.64	858.86	BOW
ASW34	23+01.32 AN	40.83' LT	499447.55	835801.30	858.90	BOW
ASW35	23+06.33 AN	40.82' LT	499447.38	835806.30	859.00	BOW
ASW36	23+01.32 AN	35.84' LT	499442.56	835801.13	858.83	FOW
ASW37	23+01.31 AN	33.83' LT	499440.56	835801.07	858.80	FOW
ASW38	23+06.32 AN	35.83' LT	499442.39	835806.13	858.93	FOW
ASW39	23+06.31 AN	33.83' LT	499440.39	835806.07	858.90	FOW
ASW40	22+98.39 AN	26.26' LT	499433.08	835797.91	858.58	FOW

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ASW41	23+07.65 AN	26.82' LT	499433.35	835807.18	858.82	FOW
ASW42	23+21.29 AN	26.80' LT	499432.90	835820.82	859.12	EOP
ASW43	23+07.61 AN	19.82' LT	499426.36	835806.92	858.68	FOW
ASW44	23+06.27 AN	17.33' LT	499423.90	835805.51	858.50	FOW
ASW45	23+21.28 AN	19.80' LT	499425.91	835820.58	859.40	TOP
ASW46	23+21.27 AN	16.80' LT	499422.91	835820.48	858.23	FL
ASW47	23+54.45 AN	40.75' LT	499445.80	835854.39	860.05	BOW
ASW48	23+54.44 AN	35.75' LT	499440.81	835854.23	859.97	FOW
ASW49	23+54.43 AN	33.75' LT	499438.81	835854.16	859.94	FOW
ASW50	23+59.43 AN	33.74' LT	499438.64	835859.16	859.99	FOW
ASW51	23+59.44 AN	35.74' LT	499440.64	835859.22	860.02	FOW
ASW52	23+59.45 AN	40.74' LT	499445.64	835859.39	860.10	BOW
ASW53	23+81.29 AN	26.70' LT	499430.93	835880.79	859.72	EOP
ASW54	23+81.27 AN	18.70' LT	499422.93	835880.52	859.42	BOC
ASW55	23+81.27 AN	16.70' LT	499420.93	835880.45	858.83	FL
ASW56	23+91.27 AN	19.06' LT	499422.97	835890.52	859.45	BOC
ASW57	23+91.27 AN	17.05' LT	499420.96	835890.45	858.93	BOC
ASW58	23+89.19 AN	26.10' LT	499430.08	835888.66	859.65	EOP
ASW59	24+08.18 AN	22.26' LT	499425.64	835907.52	859.46	EOP
ASW60	24+10.06 AN	17.00' LT	499420.32	835909.24	859.13	EOP
ASW61	24+09.80 AN	19.48' LT	499422.82	835909.05	859.60	BOC
ASW62	24+17.76 AN	20.32' LT	499423.40	835917.04	859.20	BOC
ASW63	24+23.26 AN	26.53' LT	499429.44	835922.72	859.28	EOP
ASW64	24+23.31 AN	27.03' LT	499429.93	835922.79	859.28	BOC
ASW65	24+37.65 AN	24.13' LT	499426.58	835937.04	859.62	BOC
ASW66	24+43.55 AN	23.54' LT	499425.81	835942.91	859.75	BOC
ASW67	24+50.35 AN	23.05' LT	499425.11	835949.70	859.32	FL
ASW68	24+65.35 AN	23.57' LT	499425.16	835964.70	859.82	BOC
ASW69	24+65.35 AN	21.07' LT	499422.66	835964.63	859.50	EOP
ASW70	24+55.36 AN	17.06' LT	499418.96	835954.51	859.52	EOP
ASW71	24+65.38 AN	5.53' RT	499396.07	835963.82	859.99	MATCH

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ASW72	22+19.93 AN	5.55' RT	499403.74	835718.50	857.43	MATCH
ASW73	23+88.65 AN	40.69' LT	499444.68	835888.57	859.87	BOW
ASW74	23+87.92 AN	33.69' LT	499437.70	835887.62	859.77	FOW
ASW75	23+91.39 AN	32.99' LT	499436.89	835891.07	859.74	FOW
ASW76	24+02.44 AN	37.90' LT	499441.45	835902.28	859.79	MATCH
ASW77	24+02.43 AN	32.96' LT	499436.52	835902.11	859.66	MATCH
ASW78	23+21.27 AN	16.80' LT	499422.91	835820.48	859.36	TOP
ASW79	23+21.29 AN	26.80' LT	499432.90	835820.82	859.51	TOP
ASW80	23+81.27 AN	16.71' LT	499420.93	835880.45	859.96	TOP
ASW81	23+81.29 AN	26.70' LT	499430.92	835880.79	860.11	TOP
ASW82	23+21.29 AN	26.15' LT	499432.25	835820.80	859.50	TOP
ASW83	24+55.35 AN	21.06' LT	499422.96	835954.63	859.40	EOP
ASW84	22+75.93 AN	5.88' LT	499413.41	835774.82	857.94	MATCH
ASW85	24+10.11 AN	5.60' LT	499408.93	835908.92	859.41	MATCH
ASW86	22+42.05 AN	53.04' LT	499461.61	835742.43	0.00	RADIUS*
ASW87	24+43.51 AN	53.04' LT	499455.30	835943.80	0.00	RADIUS*
ASW89	23+83.28 AN	26.70' LT	499430.86	835882.77	859.70	FOW
ASW90	23+83.23 AN	3.30' RT	499400.88	835881.78	0.00	RADIUS*
ASW91	23+04.20 AN	3.17' RT	499403.48	835802.79	0.00	RADIUS*
ASW93	23+01.28 AN	19.84' LT	499426.57	835800.59	858.55	FOW
ASW94	23+01.30 AN	26.69' LT	499433.42	835800.84	858.69	FOW
ASW95	24+49.91 AN	23.55' LT	499425.62	835949.27	859.80	BOC
ASW96	24+49.87 AN	33.03' LT	499435.10	835949.53	859.99	FOW
ASW97	24+59.87 AN	33.07' LT	499434.82	835959.53	860.03	FOW
ASW98	24+59.91 AN	23.56' LT	499425.32	835959.27	859.84	BOC
ASW99	24+44.87 AN	33.01' LT	499435.24	835944.53	860.16	MATCH
ASW100	24+44.87 AN	37.89' LT	499440.11	835944.68	860.18	MATCH
ASW101	24+49.87 AN	38.03' LT	499440.10	835949.68	859.97	BOW
ASW102	24+59.87 AN	38.07' LT	499439.82	835959.68	859.95	BOW
ASW103	24+69.88 AN	37.91' LT	499439.35	835969.69	860.38	MATCH
ASW104	24+69.87 AN	33.11' LT	499434.55	835969.52	860.45	MATCH

ANDERSON ST.

UTILITY EASEMENT

REVISED 6/12/2023 DJC

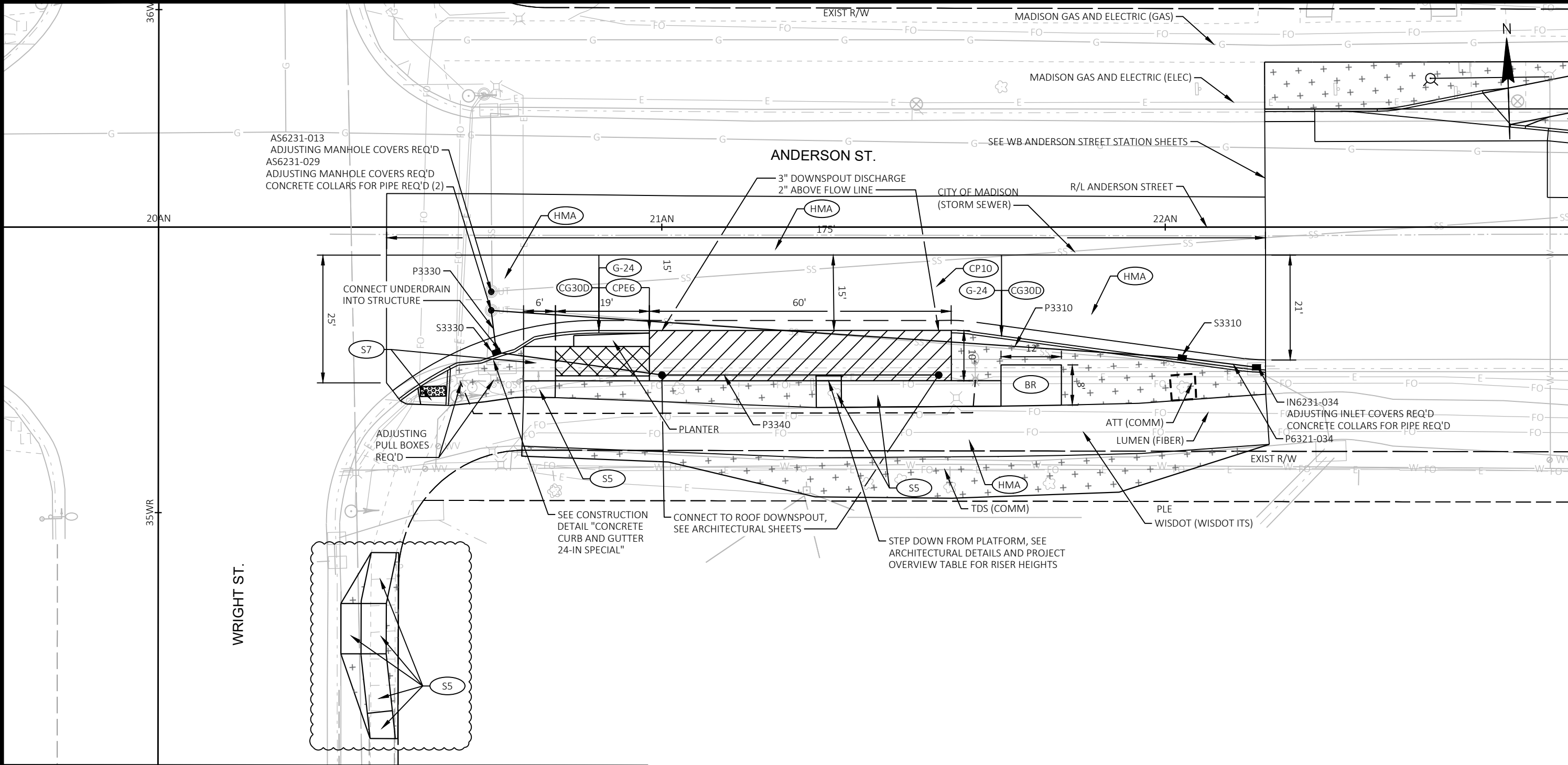
* POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION.

PLAN REVISION 4	6/12/2023 DJC	DATE	BY
1	6/12/2023 DJC	DATE	BY
MARK	DESIGNED BY: STRAW	DATE: 2023-06-14	Scale: 1"=20 FT

60631225P
CITY OF MADISON
BUS RAPID TRANSIT
GRADING PLAN: WB ANDERSON STREET AT WRIGHT STREET
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C



60631225P
G18-E



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 6/15/23 DJC

SITE PLAN: EB ANDERSON STREET AT WRIGHT STREET

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

P19-E

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4

6/15/23 DJC

ADDENDUM 3

11/11/22 DJC

REVISION

DATE

BY

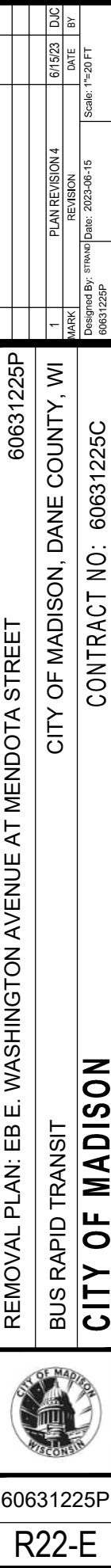
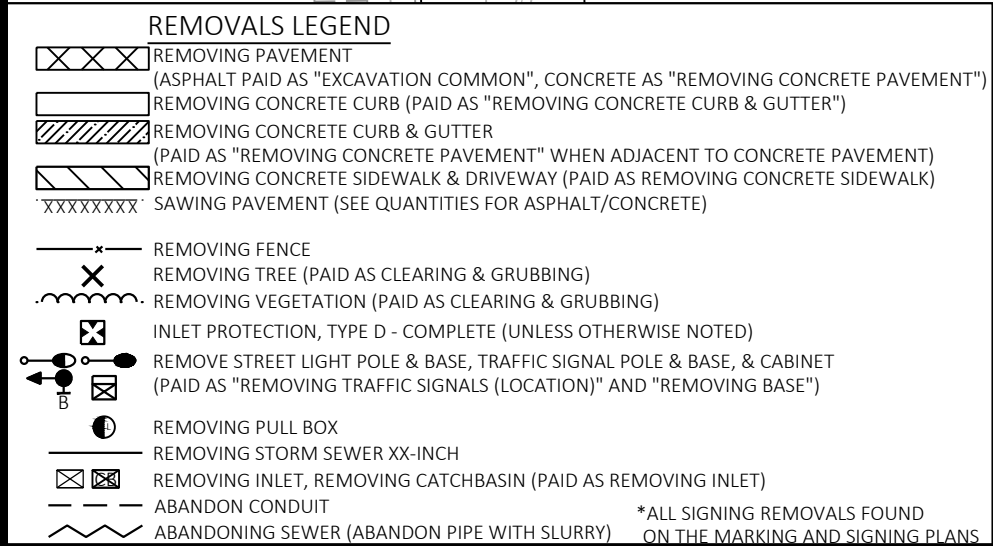
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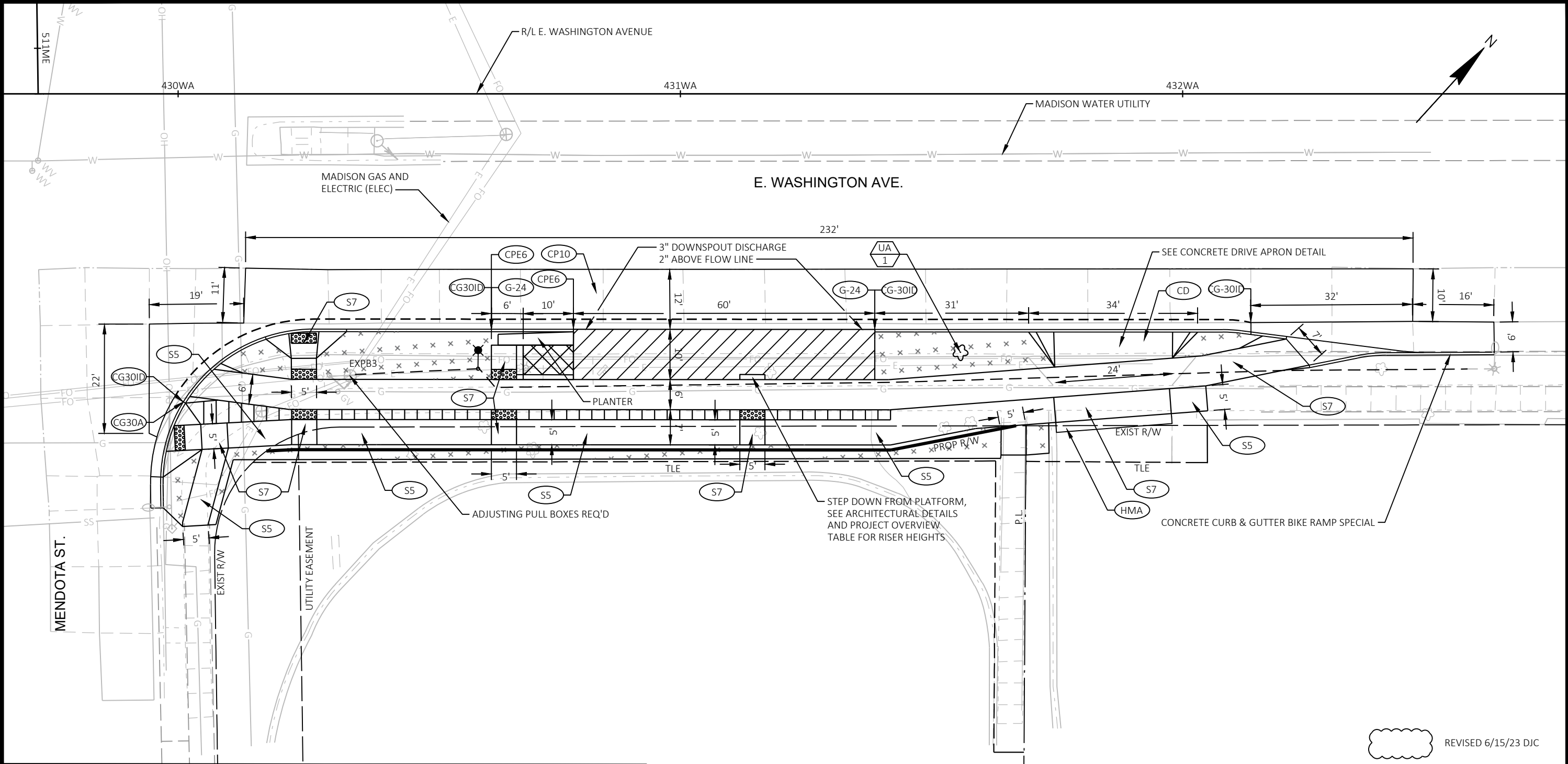
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Date: 2023-06-16

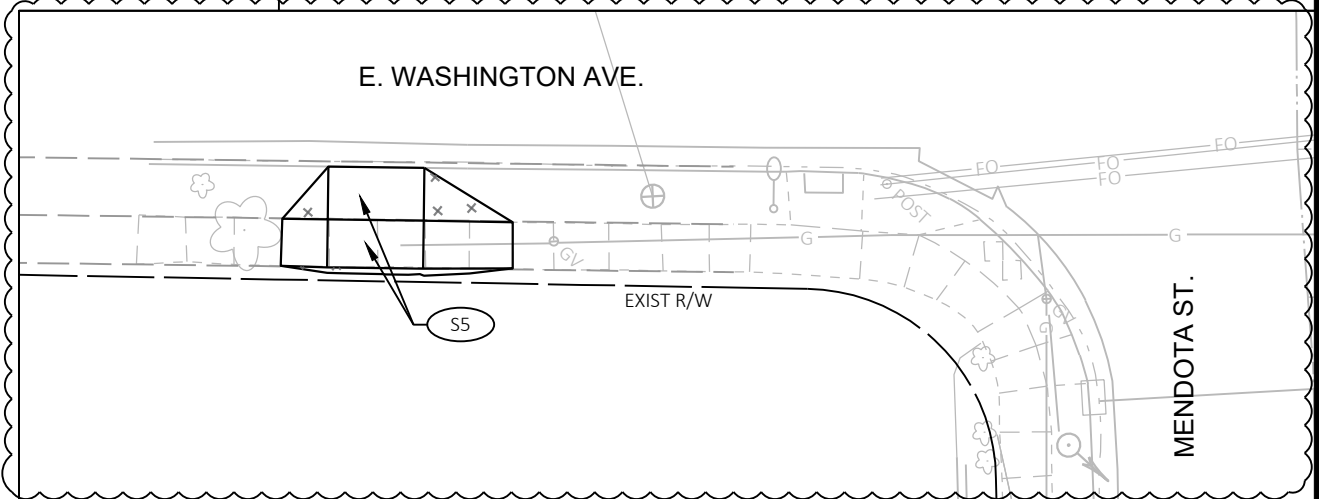
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60631225P





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	
	AB	← PLANT SYMBOL
	XX	← QUANTITY
	CD	CONCRETE DRIVEWAY 7-INCH
	G-12 G-24	CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
	CG30ID	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
	CG24IJ CG30IJ	CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
	CG-XX	CONCRETE CURB & GUTTER XX-INCH TYPE X
	CP	CONCRETE CURB PEDESTRIAN
	CPE6 CPE24	CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
	CG24H	CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
	CG18I CG24I	CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
	BR	BIKE RACK (MOUNTED TO CONCRETE)
	X###	SEE STORM SEWER SCHEDULE



60631225P

CITY OF MADISON

60631225P

SITE PLAN: EB E. WASHINGTON AVENUE AT MENDOTA STREET

BUS RAPID TRANSIT

60631225P

CITY OF MADISON

60631225P

CONTRACT NO: 60631225C

P22-E

60631225P

PLAN REVISION 4

6/15/23

DATE

BY

REVISION

2023-06-15

Scale: 1"=20 FT

Designed By: STRAW

60631225P

REVIS

6/15/23

DJC

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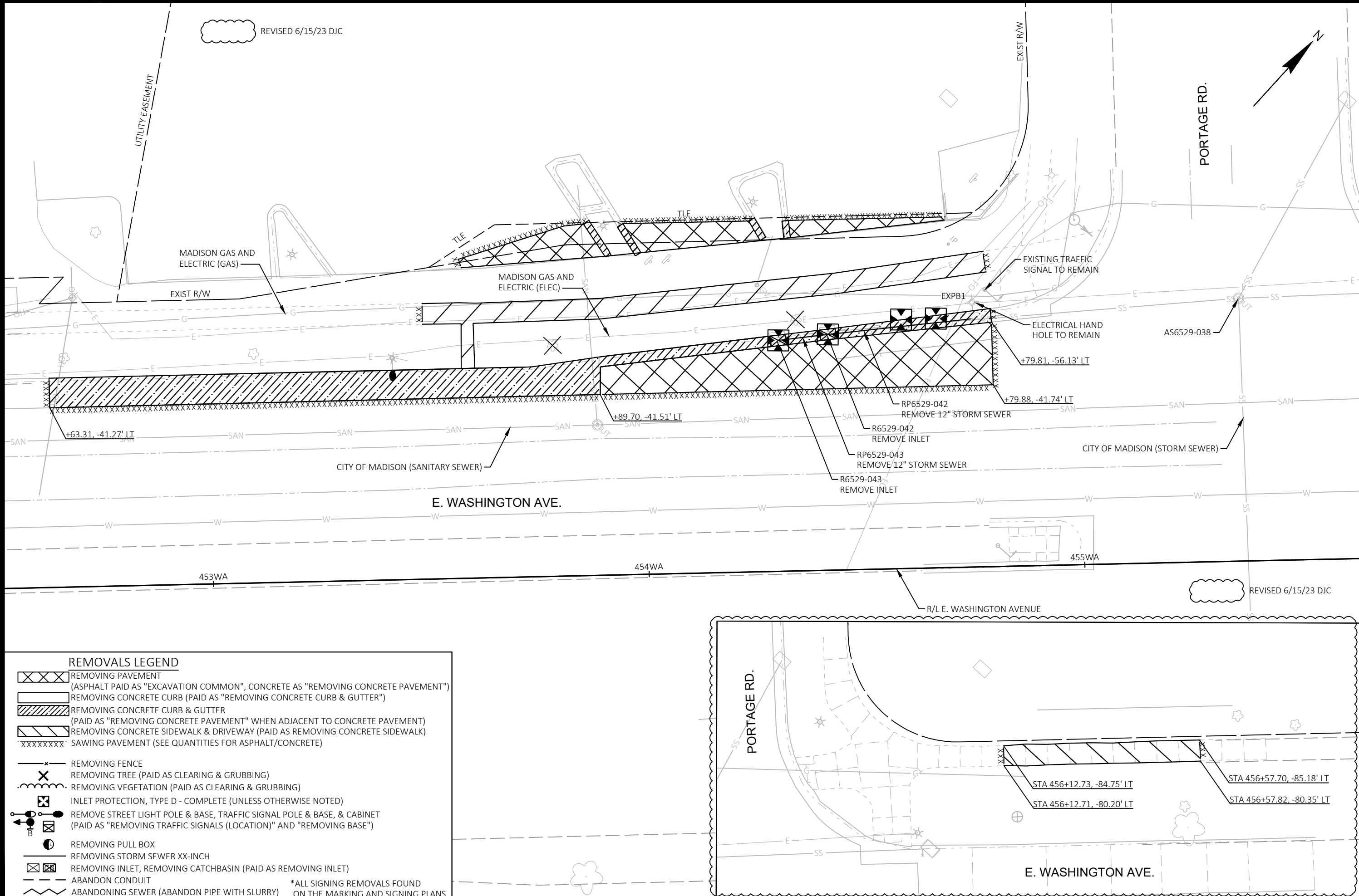
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LAYOUT NAME :

050257_PN

LAST PLOT DATE :

2023-06-15



REMOVALS LEGEND

XXXXXX

REMOVING PAVEMENT
(ASPHALT PAID AS "EXCAVATION COMMON", CONCRETE AS "REMOVING CONCRETE PAVEMENT")

XXXXXX

REMOVING CONCRETE CURB (PAID AS "REMOVING CONCRETE CURB & GUTTER")

XXXXXX

REMOVING CONCRETE CURB & GUTTER
(PAID AS "REMOVING CONCRETE PAVEMENT" WHEN ADJACENT TO CONCRETE PAVEMENT)

XXXXXX

REMOVING CONCRETE SIDEWALK & DRIVEWAY (PAID AS REMOVING CONCRETE SIDEWALK)

XXXXXX

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: WB E. WASHINGTON AVENUE AT PORTAGE ROAD

CITY OF MADISON

60631225C

1

PLAN REVISION 4

DATE

6/15/23

BY

DJC

MARK

Designed By: STRAW

Date: 2023-06-16

Scale: 1"=20 FT

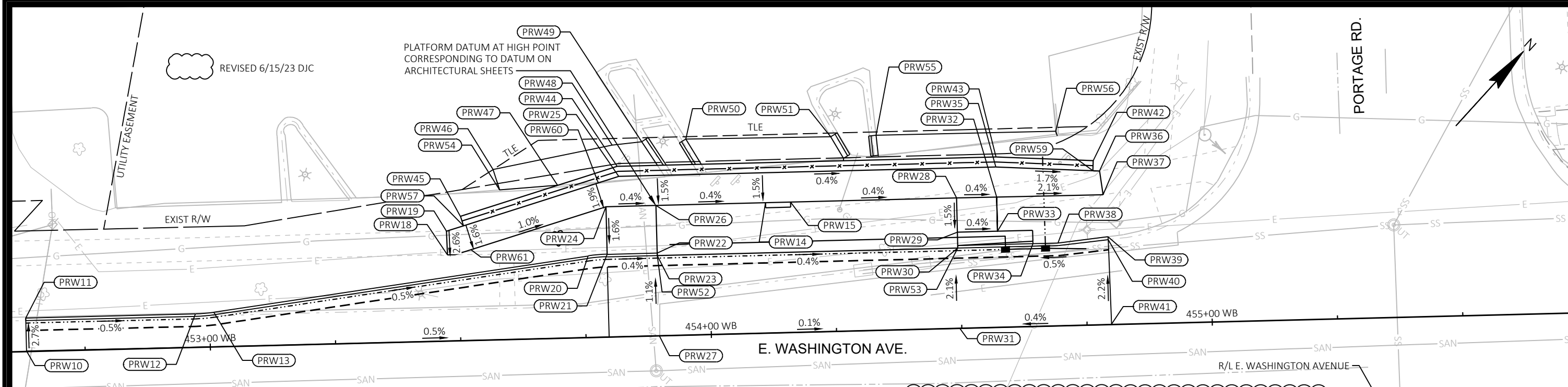
60631225P

CITY OF MADISON

WISCONSIN

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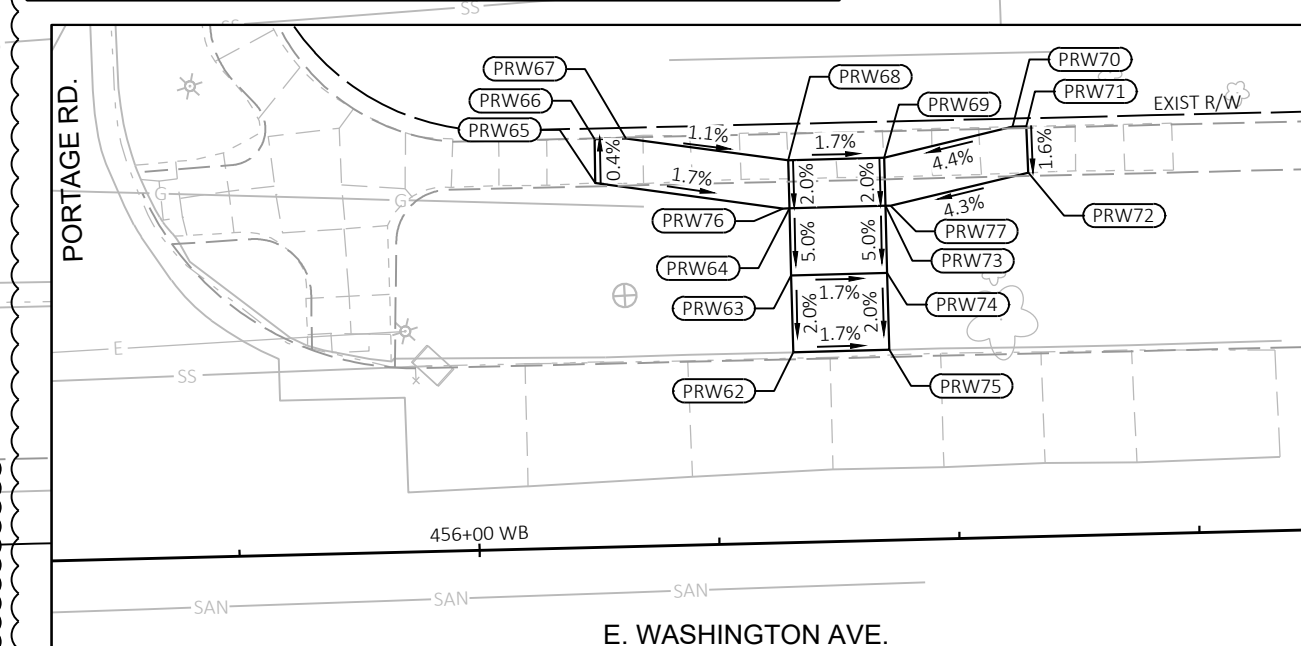
R23-E



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
PRW10	452+63.31 WB	0.10' LT	500555.67	839547.76	870.20	MATCH
PRW11	452+63.32 WB	6.69' LT	500560.45	839543.21	870.47	BOC
PRW12	452+97.19 WB	6.67' LT	500583.81	839567.75	870.35	BOC
PRW13	453+00.87 WB	6.90' LT	500586.51	839570.25	870.34	BOC
PRW14	454+11.48 WB	26.00' LT	500676.67	839637.11	870.59	FOW
PRW15	454+16.48 WB	26.00' LT	500680.12	839640.73	870.57	FOW
PRW18	453+47.77 WB	17.19' LT	500626.33	839597.09	871.04	MATCH
PRW19	453+47.69 WB	21.91' LT	500629.69	839593.77	871.16	MATCH
PRW20	453+75.82 WB	16.26' LT	500645.02	839618.03	870.11	BOC
PRW21	453+79.61 WB	16.50' LT	500647.80	839620.60	870.56	BOC
PRW22	453+89.60 WB	16.50' LT	500654.70	839627.84	870.53	BOC
PRW23	453+89.61 WB	16.00' LT	500654.34	839628.18	869.40	FL
PRW24	453+79.61 WB	26.00' LT	500654.67	839614.05	870.71	FOW
PRW25	453+82.33 WB	31.96' LT	500660.86	839611.90	870.79	BOW
PRW26	453+89.61 WB	26.00' LT	500661.58	839621.28	870.67	TOP
PRW27	453+89.60 WB	0.04' LT	500642.79	839639.19	869.57	MATCH
PRW28	454+49.61 WB	26.00' LT	500702.98	839664.70	870.43	TOP
PRW29	454+49.61 WB	19.17' LT	500698.04	839669.42	870.33	FOW
PRW30	454+49.61 WB	16.00' LT	500695.75	839671.60	869.16	FL
PRW31	454+49.60 WB	0.00' LT	500684.17	839682.64	869.50	MATCH
PRW32	454+57.61 WB	26.00' LT	500708.50	839670.49	870.40	FOW
PRW33	454+57.61 WB	19.17' LT	500703.56	839675.21	870.30	BOW
PRW34	454+64.61 WB	16.50' LT	500706.46	839682.12	869.60	BOC
PRW35	454+57.61 WB	32.00' LT	500712.84	839666.35	870.49	BOW
PRW36	454+78.25 WB	30.70' LT	500726.15	839682.19	870.15	MATCH
PRW37	454+78.83 WB	25.92' LT	500723.10	839685.91	869.96	MATCH
PRW38	454+69.61 WB	16.50' LT	500709.92	839685.74	869.54	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
PRW39	454+79.59 WB	17.52' LT	500717.54	839692.26	869.62	BOC
PRW40	454+79.64 WB	16.93' LT	500717.15	839692.70	869.16	FL
PRW41	454+79.85 WB	0.00' RT	500705.04	839704.53	869.62	MATCH
PRW42	454+77.06 WB	32.76' LT	500726.82	839679.90	870.67	BOW
PRW43	454+57.66 WB	34.00' LT	500714.33	839665.01	872.03	BOW
PRW44	453+82.04 WB	34.00' LT	500662.14	839610.29	873.21	BOW
PRW45	453+50.51 WB	24.82' LT	500633.74	839593.81	871.14	BOW
PRW46	453+57.30 WB	33.99' LT	500645.06	839592.38	873.12	MATCH
PRW47	453+70.08 WB	30.52' LT	500651.37	839604.03	873.21	MATCH
PRW48	453+81.17 WB	38.25' LT	500664.62	839606.73	873.17	MATCH
PRW49	453+87.08 WB	38.76' LT	500669.07	839610.65	873.18	MATCH
PRW50	453+95.87 WB	39.10' LT	500675.38	839616.77	873.08	MATCH
PRW51	454+24.80 WB	38.85' LT	500695.16	839637.88	872.83	MATCH
PRW52	453+89.61 WB	16.00' LT	500654.34	839628.18	870.52	TOP
PRW53	454+49.61 WB	16.00' LT	500695.75	839671.60	870.28	TOP
PRW54	453+58.49 WB	29.89' LT	500642.92	839596.08	873.02	EP
PRW55	454+33.85 WB	38.90' LT	500701.45	839644.40	872.73	EP
PRW56	454+69.70 WB	38.77' LT	500726.10	839670.43	872.49	EP
PRW57	453+51.10 WB	22.91' LT	500632.76	839595.55	871.12	BOW
PRW59	454+76.93 WB	30.77' LT	500725.29	839681.19	870.17	BOW
PRW60	453+78.21 WB	30.80' LT	500657.18	839609.72	870.81	BOW
PRW61	453+52.50 WB	18.11' LT	500630.25	839599.88	871.05	FOW
PRW62	456+33.17 WB	19.81' LT	500825.18	839801.82	870.26	MATCH
PRW63	456+33.16 WB	27.81' LT	500830.96	839796.29	870.42	FOW
PRW64	456+33.15 WB	34.81' LT	500836.02	839791.45	870.77	FOW
PRW65	456+12.99 WB	37.96' LT	500824.40	839774.69	870.78	MATCH
PRW66	456+13.03 WB	42.51' LT	500827.72	839771.58	870.78	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
PRW67	456+16.30 WB	42.50' LT	500829.96	839773.95	871.06	BOW
PRW68	456+33.14 WB	39.80' LT	500839.64	839788.00	870.87	BOW
PRW69	456+43.14 WB	39.82' LT	500846.55	839795.22	870.70	BOW
PRW70	456+56.60 WB	42.72' LT	500857.94	839802.96	871.31	BOW
PRW71	456+58.02 WB	42.72' LT	500858.92	839803.99	871.32	MATCH
PRW72	456+58.12 WB	37.92' LT	500855.51	839807.37	870.78	MATCH
PRW73	456+43.15 WB	34.82' LT	500842.94	839798.68	870.60	FOW
PRW74	456+43.16 WB	27.82' LT	500837.88	839803.52	870.25	FOW
PRW75	456+43.17 WB	19.82' LT	500832.10	839809.05	870.09	MATCH
PRW76	456+32.47 WB	34.80' LT	500835.56	839790.97	870.78	FOW
PRW77	456+43.68 WB	34.82' LT	500843.30	839799.06	870.61	FOW



60631225P

GRADING PLAN: WB E. WASHINGTON AVENUE AT PORTAGE ROAD

CITY OF MADISON

60631225P

2

PLAN REVISION 4

6/15/23

DJC

1

PLAN REVISION 1

2/16/23

DJC

MARK

REVISION

DATE

BY

Designed By: strwac

Date: 2023-06-16

Scale: 1"=20' FT

60631225P

CITY OF MADISON

WISCONSIN

G23-E

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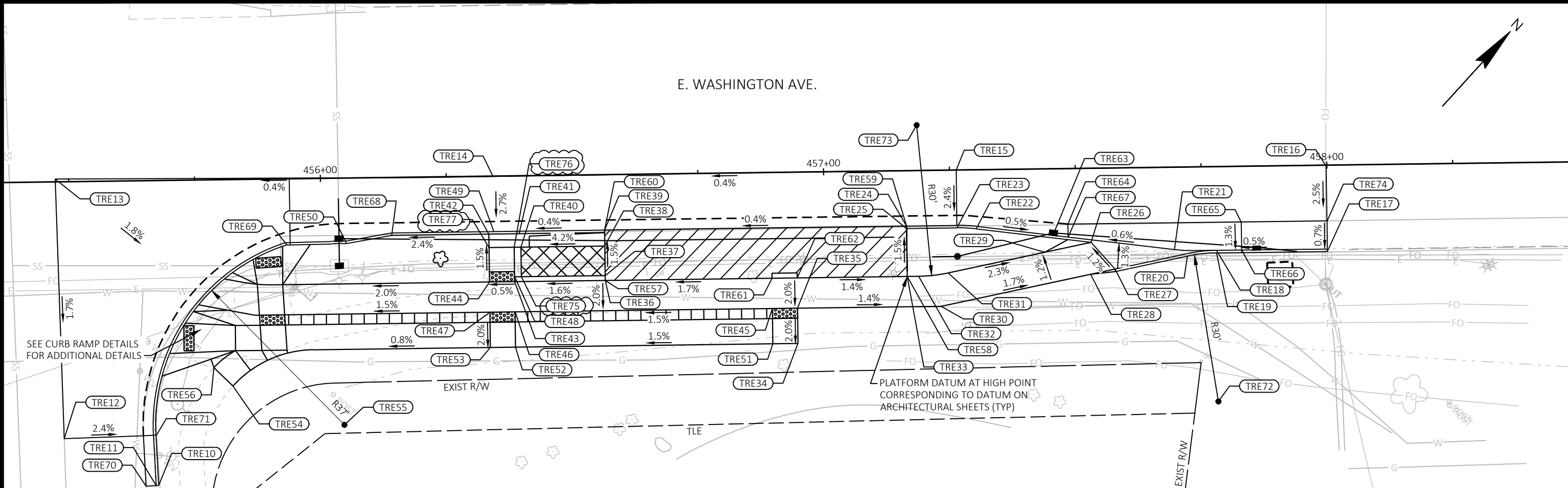
LAST PLOT DATE - 2023-06-16

60631225P

CONTRACT NO: 60631225C

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT



THIERER RD.

* POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATIONS. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION (TYP)

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
TRE10	455+67.08	60.52' RT	500659.07	839867.60	868.07	BOC
TRE11	455+66.58	60.54' RT	500658.71	839867.25	867.63	FL
TRE12	455+48.44	50.97' RT	500653.35	839847.46	868.20	MATCH
TRE13	455+47.33	0.56' LT	500690.30	839811.52	869.08	MATCH
TRE14	456+34.33	0.07' RT	500749.14	839875.61	869.45	MATCH
TRE15	457+26.34	0.01' LT	500811.92	839942.89	869.78	MATCH
TRE16	457+99.77	0.12' RT	500861.87	839996.70	870.08	MATCH
TRE17	457+99.85	17.15' RT	500849.47	840008.37	870.07	BOC
TRE18	457+77.85	16.63' RT	500834.85	839991.91	869.63	FL
TRE19	457+77.85	17.13' RT	500834.49	839992.25	870.12	BOC
TRE20	457+72.04	17.70' RT	500830.10	839988.39	869.97	BOC
TRE21	457+69.49	16.37' RT	500829.34	839985.62	869.58	FL
TRE22	457+30.16	11.75' RT	500805.92	839953.69	870.00	BOC
TRE23	457+26.34	11.50' RT	500803.50	839950.73	870.01	BOC
TRE24	457+16.34	11.00' RT	500797.05	839943.07	869.47	FL
TRE25	457+16.34	11.50' RT	500796.68	839943.41	870.61	BOC
TRE26	457+52.97	14.72' RT	500819.28	839972.41	869.51	BOC
TRE27	457+57.66	20.07' RT	500818.58	839979.48	869.59	EOP
TRE28	457+52.76	21.05' RT	500814.52	839976.57	869.64	EOP
TRE29	457+43.73	16.57' RT	500811.64	839966.91	869.73	EOP
TRE30	457+23.00	27.00' RT	500789.87	839958.84	870.14	EOP
TRE31	457+24.49	20.42' RT	500795.71	839955.45	870.19	EOP
TRE32	457+18.61	21.00' RT	500791.27	839951.54	870.31	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
TRE33	457+16.34	21.00' RT	500789.73	839949.89	870.35	EOP
TRE34	456+94.47	33.97' RT	500765.33	839942.73	870.40	BOW
TRE35	456+94.47	27.00' RT	500770.43	839937.97	870.54	FOW
TRE36	456+56.34	21.00' RT	500748.83	839905.98	870.09	EOP
TRE37	456+56.34	20.04' RT	500749.53	839905.33	870.49	TOP
TRE38	456+56.34	14.17' RT	500753.83	839901.33	870.41	TOP
TRE39	456+56.34	11.00' RT	500756.15	839899.17	869.23	FL
TRE40	456+39.68	14.17' RT	500742.47	839889.13	869.71	FOW
TRE41	456+39.34	11.50' RT	500744.20	839887.07	869.67	BOC
TRE42	456+33.34	11.50' RT	500740.11	839882.68	869.64	BOC
TRE43	456+38.34	21.00' RT	500736.56	839892.81	869.81	FOW
TRE44	456+33.34	21.00' RT	500733.16	839889.15	869.78	FOW
TRE45	456+89.47	27.00' RT	500767.02	839934.32	870.52	FOW
TRE46	456+38.34	27.00' RT	500732.17	839896.90	869.69	FOW
TRE47	456+33.34	27.00' RT	500728.76	839893.24	869.66	FOW
TRE48	456+38.34	20.04' RT	500737.26	839892.16	869.79	FOW
TRE49	456+34.33	11.00' RT	500741.14	839883.06	869.15	FL
TRE50	456+05.05	13.00' RT	500719.72	839863.00	869.43	BOC
TRE51	456+89.47	34.00' RT	500761.90	839939.09	870.38	BOW
TRE52	456+38.34	34.00' RT	500727.05	839901.67	869.55	BOW
TRE53	456+33.34	34.00' RT	500723.64	839898.01	869.52	BOW
TRE54	455+82.09	41.00' RT	500683.59	839865.29	869.21	MATCH
TRE55	456+04.14	49.00' RT	500692.76	839886.87	0.00	RADIUS*

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
TRE56	455+78.35	37.27' RT	500683.76	839860.01	869.13	MATCH
TRE57	456+56.34	21.00' RT	500748.83	839905.98	870.51	TOP
TRE58	457+16.34	21.00' RT	500789.73	839949.89	870.75	TOP
TRE59	457+16.34	11.00' RT	500797.05	839943.07	870.60	TOP
TRE60	456+56.34	11.00' RT	500756.15	839899.17	870.36	TOP
TRE61	456+89.47	21.00' RT	500771.41	839930.23	870.64	EOP
TRE62	456+94.47	21.00' RT	500774.82	839933.88	870.66	EOP
TRE63	457+45.44	13.07' RT	500815.37	839965.77	869.44	FL
TRE64	457+48.40	11.02' RT	500818.88	839966.54	869.55	EOP
TRE65	457+82.86	11.09' RT	500842.32	839991.80	869.72	EOP
TRE66	457+82.85	16.63' RT	500838.26	839995.58	869.65	FL
TRE67	457+48.40	13.62' RT	500816.98	839968.32	869.46	FL
TRE68	456+14.04	11.50' RT	500726.95	839868.56	869.54	BOC
TRE69	455+93.19	13.13' RT	500711.54	839854.41	868.88	BOC
TRE70	455+64.58	60.62' RT	500657.29	839865.85	867.72	MATCH
TRE71	455+66.76	50.53' RT	500666.17	839860.56	868.34	BOC
TRE72	457+77.82	46.63' RT	500812.88	840012.34	0.00	RADIUS*
TRE73	457+18.61	9.00' LT	500813.22	839931.10	0.00	RADIUS*
TRE74	457+99.90	11.12' RT	500853.91	840004.29	869.80	MATCH
TRE75	456+39.68	20.04' RT	500738.17	839893.14	869.80	FOW
TRE76	456+38.34	14.17' RT	500741.56	839888.16	869.71	FOW
TRE77	456+33.34	14.17' RT	500738.15	839884.50	869.68	FOW

60631225P

GRADING PLAN: EB E. WASHINGTON AVENUE AT THIERER ROAD

CITY OF MADISON

60631225P

BUS RAPID TRANSIT

CITY OF MADISON

G24-E

PLAN REVISION 4

1

4/26/23

DATE

BY

REVISION

2023-04-26

Scale: 1"=20 FT

60631225P

Designed By: STRAW

60631225P

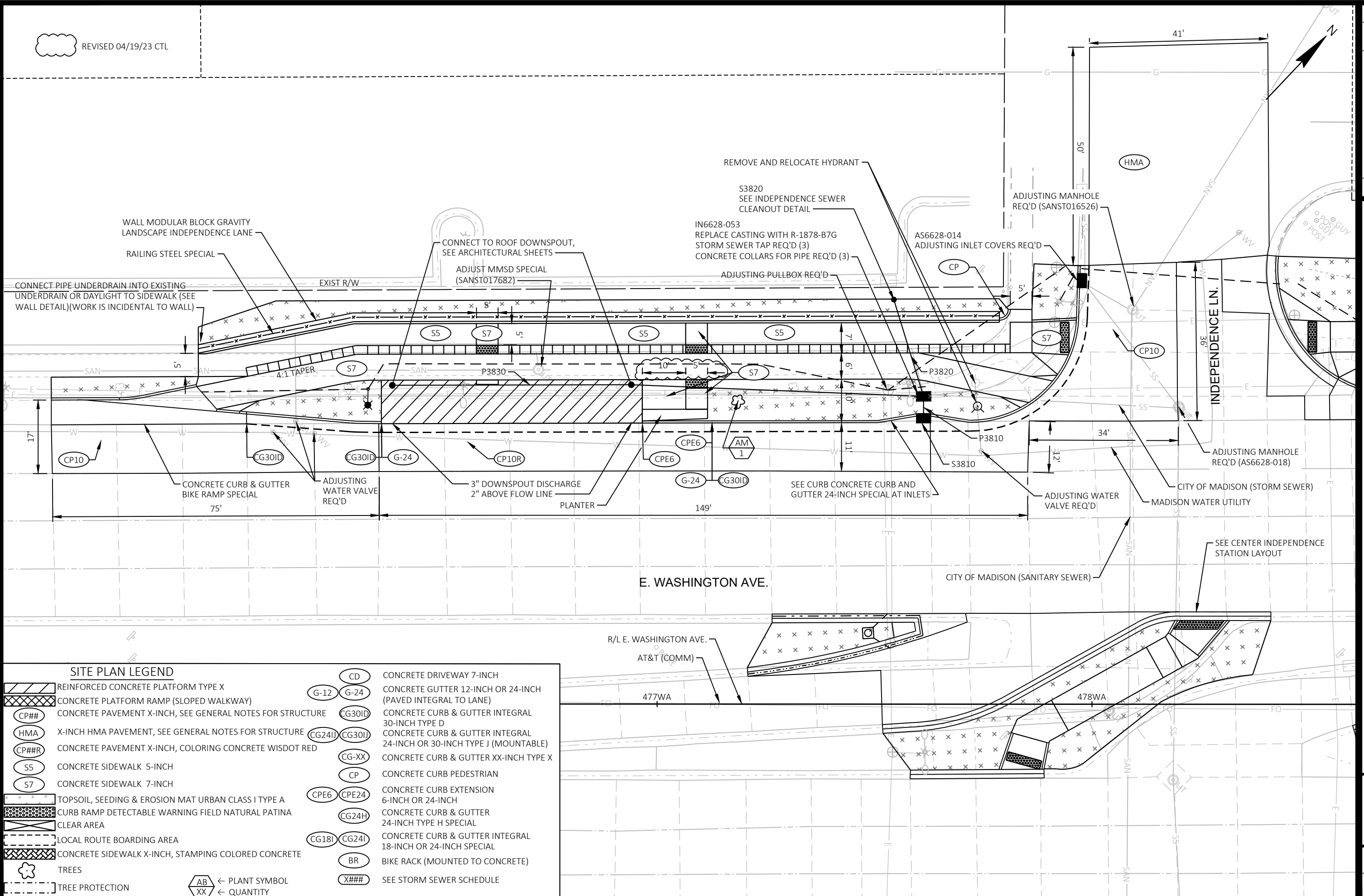
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

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LAST PLOT DATE: 2023-04-26

LAYOUT NAME - 050264_PN

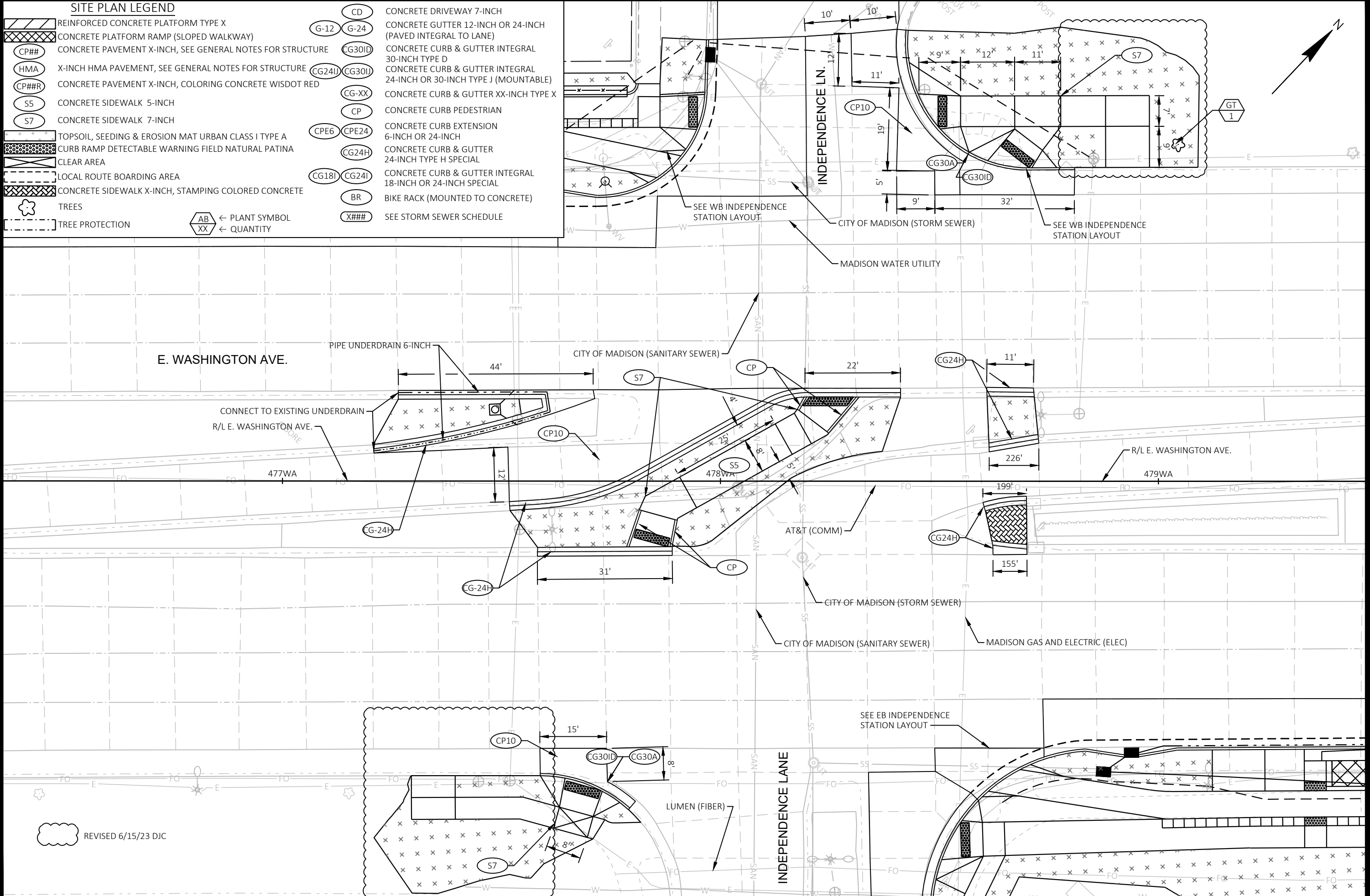
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SITE PLAN: WB E. WASHINGTON AVENUE AT INDEPENDENCE LANE	60631225P
BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI
CITY OF MADISON	CONTRACT NO: 60631225C



60631225P

P25-E



- SITE PLAN LEGEND**
- REINFORCED CONCRETE PLATFORM TYPE X
 - CONCRETE PLATFORM RAMP (SLOPED WALKWAY)
 - CP## CONCRETE PAVEMENT X-INCH, SEE GENERAL NOTES FOR STRUCTURE
 - HMA X-INCH HMA PAVEMENT, SEE GENERAL NOTES FOR STRUCTURE
 - CP##R CONCRETE PAVEMENT X-INCH, COLORING CONCRETE WISDOT RED
 - S5 CONCRETE SIDEWALK 5-INCH
 - S7 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
- AB XX ← PLANT SYMBOL
XX ← QUANTITY

- CD CONCRETE DRIVEWAY 7-INCH
- G-12 G-24 CONCRETE GUTTER 12-INCH OR 24-INCH (PAVED INTEGRAL TO LANE)
- CG30ID CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D
- CG24II CG30II CONCRETE CURB & GUTTER INTEGRAL 24-INCH OR 30-INCH TYPE J (MOUNTABLE)
- CG-XX CONCRETE CURB & GUTTER XX-INCH TYPE X
- CP CONCRETE CURB PEDESTRIAN
- CPE6 CPE24 CONCRETE CURB EXTENSION 6-INCH OR 24-INCH
- CG24H CONCRETE CURB & GUTTER 24-INCH TYPE H SPECIAL
- CG18I CG24I CONCRETE CURB & GUTTER INTEGRAL 18-INCH OR 24-INCH SPECIAL
- BR BIKE RACK (MOUNTED TO CONCRETE)
- X### SEE STORM SEWER SCHEDULE

REVISED 6/15/23 DJC

60631225P

SITE PLAN: WB E. WASHINGTON AVENUE AT INDEPENDENCE LANE

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

P26-E

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4

ADDENDUM 3

REVISION

DATE

BY

6/15/23

11/2/22

Scale: 1"=20 FT

Designed By:

60631225P

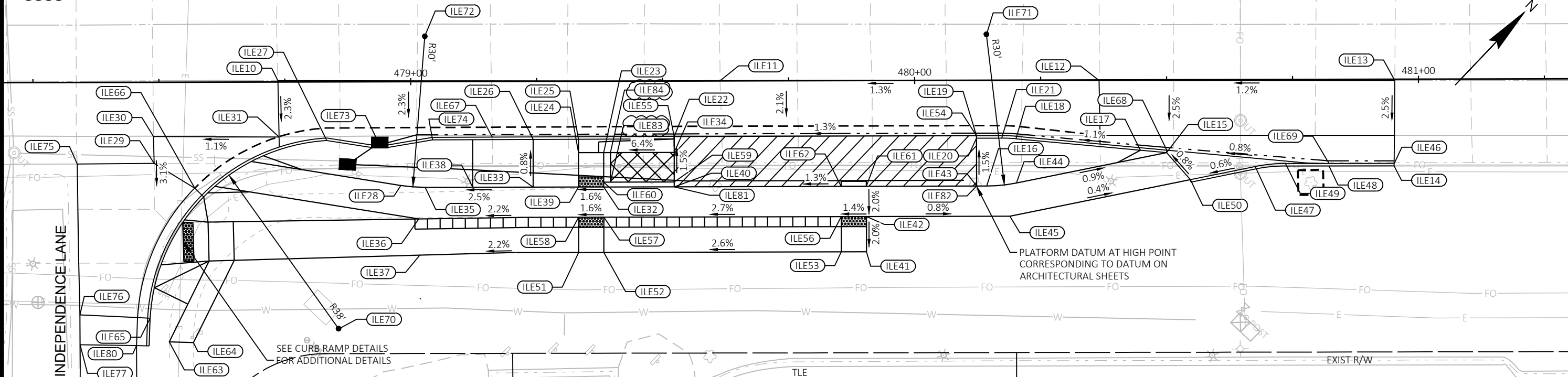
CITY OF MADISON

WISCONSIN

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LAYOUT NAME - 050266A_pn
LAST PLOT DATE - 2023-06-16

REVISED 4/26/23 DJC

E. WASHINGTON AVE.



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ILE10	478+73.62	0.29' LT	502282.30	841507.63	881.67	MATCH
ILE11	479+61.39	0.01' LT	502342.74	841571.27	882.78	MATCH
ILE12	480+36.63	0.08' RT	502394.66	841625.72	883.75	MATCH
ILE13	480+95.31	0.23' RT	502435.10	841668.25	884.48	MATCH
ILE14	480+95.15	17.20' RT	502422.72	841679.86	884.53	BOC
ILE15	480+49.97	14.46' RT	502393.48	841645.30	883.65	EOP
ILE16	480+14.28	21.00' RT	502364.09	841624.02	883.98	EOP
ILE17	480+44.77	13.97' RT	502390.25	841641.21	884.09	BOC
ILE18	480+20.07	11.64' RT	502374.87	841621.74	883.81	BOC
ILE19	480+12.25	11.00' RT	502369.92	841615.65	884.34	TOP
ILE20	480+12.25	11.50' RT	502369.56	841615.99	883.72	BOC
ILE21	480+17.24	11.50' RT	502373.01	841619.60	883.78	BOC
ILE22	479+52.25	11.00' RT	502328.46	841572.27	883.56	TOP
ILE23	479+38.25	14.17' RT	502316.50	841564.34	882.79	FOW
ILE24	479+33.25	14.17' RT	502313.04	841560.73	882.72	FOW
ILE25	479+33.25	11.52' RT	502314.96	841558.90	882.69	BOC
ILE26	479+24.25	11.52' RT	502308.74	841552.39	882.58	BOC
ILE27	478+83.30	11.65' RT	502280.36	841522.88	882.02	BOC
ILE28	478+97.97	20.61' RT	502284.01	841539.67	881.99	FOW
ILE29	478+49.01	16.11' RT	502253.44	841501.17	881.01	MATCH
ILE30	478+48.90	10.77' RT	502257.22	841497.40	881.13	MATCH
ILE31	478+73.82	10.92' RT	502274.33	841515.52	881.42	MATCH
ILE32	479+38.25	21.00' RT	502311.56	841569.06	882.86	FOW
ILE33	479+24.25	21.00' RT	502301.89	841558.94	882.65	FOW
ILE34	479+52.25	14.17' RT	502326.17	841574.46	883.61	TOP
ILE35	479+02.79	21.00' RT	502287.06	841543.43	882.11	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ILE36	479+01.51	27.27' RT	502281.65	841546.83	881.99	BOW
ILE37	479+01.69	34.46' RT	502276.57	841551.94	881.88	BOW
ILE38	479+12.25	21.00' RT	502293.60	841550.26	882.35	FOW
ILE39	479+33.25	21.00' RT	502308.11	841565.44	882.78	FOW
ILE40	479+52.25	21.00' RT	502321.23	841579.18	883.71	TOP
ILE41	479+90.38	34.00' RT	502338.18	841615.73	883.96	BOW
ILE42	479+90.38	27.00' RT	502343.24	841610.89	884.10	FOW
ILE43	480+12.25	21.00' RT	502362.69	841622.55	884.49	TOP
ILE44	480+20.16	20.42' RT	502368.58	841627.87	883.92	EOP
ILE45	480+18.84	27.00' RT	502362.91	841631.47	883.88	EOP
ILE46	480+95.15	16.70' RT	502423.08	841679.52	884.03	FL
ILE47	480+67.57	17.25' RT	502403.63	841659.96	883.79	BOC
ILE48	480+82.20	17.18' RT	502413.78	841670.49	884.41	BOC
ILE49	480+73.55	16.67' RT	502408.18	841663.88	883.83	BOC
ILE50	480+54.69	19.83' RT	502392.86	841652.43	883.71	BOC
ILE51	479+33.25	34.00' RT	502298.71	841574.43	882.59	BOW
ILE52	479+38.25	34.00' RT	502302.16	841578.04	882.67	BOW
ILE53	479+85.38	34.00' RT	502334.73	841612.11	883.89	BOW
ILE54	480+12.25	11.00' RT	502369.92	841615.64	883.22	FL
ILE55	479+52.25	11.00' RT	502328.46	841572.27	882.44	FL
ILE56	479+85.38	27.00' RT	502339.79	841607.28	884.03	FOW
ILE57	479+38.25	27.00' RT	502307.22	841573.21	882.77	FOW
ILE58	479+33.25	27.00' RT	502303.77	841569.59	882.69	FOW
ILE59	479+52.25	20.04' RT	502321.92	841578.52	883.70	TOP
ILE60	479+38.25	20.04' RT	502312.25	841568.40	882.85	FOW
ILE61	479+90.38	21.00' RT	502347.58	841606.75	884.22	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ILE62	479+85.38	21.00' RT	502344.12	841603.13	884.15	EOP
ILE63	478+51.93	51.57' RT	502229.82	841527.78	879.97	MATCH
ILE64	478+56.74	51.71' RT	502233.05	841531.36	879.95	MATCH
ILE65	478+48.15	46.85' RT	502230.62	841521.79	880.15	BOC
ILE66	478+57.06	21.04' RT	502255.44	841510.39	880.85	EOP
ILE67	479+16.14	11.04' RT	502303.49	841546.20	881.97	FL
ILE68	480+50.01	13.96' RT	502393.88	841644.99	883.64	FL
ILE69	480+82.20	16.68' RT	502414.14	841670.14	883.91	FL
ILE70	478+85.58	49.08' RT	502254.87	841550.39	0.00	RADIUS*
ILE71	480+14.28	9.00' LT	502385.78	841603.29	0.00	RADIUS*
ILE72	479+02.79	9.00' LT	502308.75	841522.70	0.00	RADIUS*
ILE73	478+93.80	12.57' RT	502286.95	841531.11	881.47	FL
ILE74	479+04.30	11.56' RT	502294.93	841538.00	882.31	BOC
ILE75	478+33.74	16.20' RT	502242.82	841490.20	880.80	MATCH
ILE76	478+34.22	46.16' RT	502221.50	841511.24	879.85	MATCH
ILE77	478+34.25	52.10' RT	502217.22	841515.37	879.66	MATCH
ILE78	478+33.23	96.15' RT	502184.68	841545.07	0.00	MATCH*
ILE79	478+45.55	96.39' RT	502193.01	841554.14	0.00	MATCH*
ILE80	478+45.43	52.30' RT	502224.80	841523.59	879.36	MATCH
ILE81	479+52.25	21.00' RT	502321.23	841579.18	883.24	FOW
ILE82	480+12.25	21.00' RT	502362.69	841622.56	884.00	FOW
ILE83	479+39.58	20.04' RT	502313.17	841569.36	882.87	FOW
ILE84	479+39.58	14.17' RT	502317.42	841565.30	882.81	FOW

* POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION

GRADING PLAN: EB E. WASHINGTON AVENUE AT INDEPENDENCE LANE 60631225P

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON

CONTRACT NO: 60631225C



60631225P

G27-E

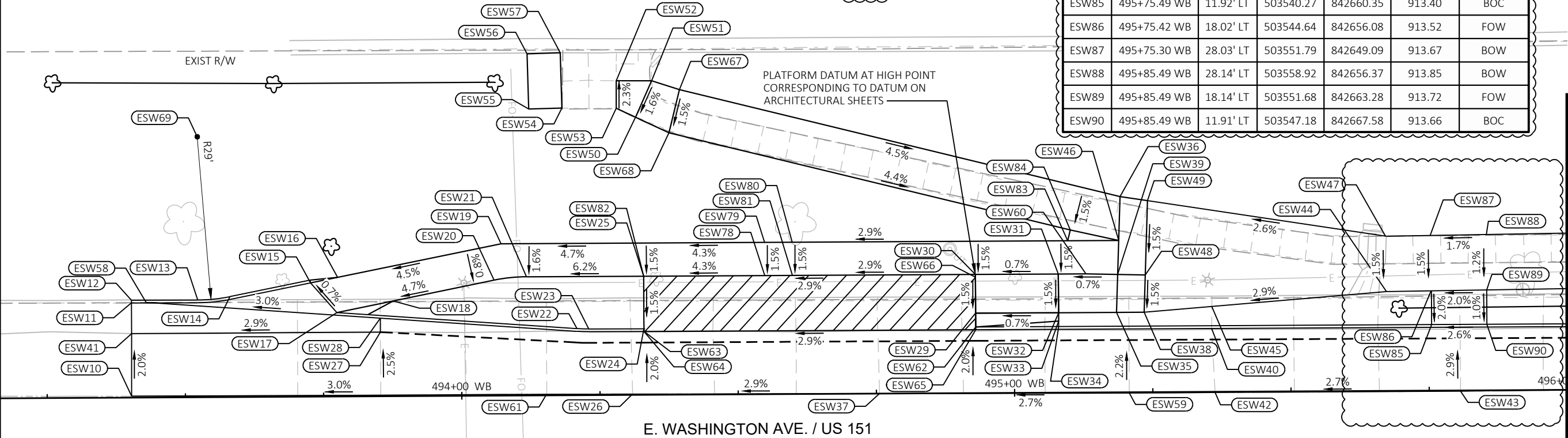
* POINTS USED FOR CENTER MAY HAVE ZERO OR APPROXIMATED ELEVATIONS - THESE POINTS ARE INCLUDED IN THE TABLE FOR HORIZONTAL LOCATION. THE VERTICAL ELEVATION OF THESE POINTS ARE NOT INTENDED FOR CONSTRUCTION

E. WASHINGTON AVE. FRONTAGE ROAD

REVISED 11/03/22 DJC

REVISED 6/15/23 DJC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ESW84	495+10.22 WB	29.37' LT	503507.81	842601.10	912.40	FOW
ESW85	495+75.49 WB	11.92' LT	503540.27	842660.35	913.40	BOC
ESW86	495+75.42 WB	18.02' LT	503544.64	842656.08	913.52	FOW
ESW87	495+75.30 WB	28.03' LT	503551.79	842649.09	913.67	BOW
ESW88	495+85.49 WB	28.14' LT	503558.92	842656.37	913.85	BOW
ESW89	495+85.49 WB	18.14' LT	503551.68	842663.28	913.72	FOW
ESW90	495+85.49 WB	11.91' LT	503547.18	842667.58	913.66	BOC



E. WASHINGTON AVE. / US 151

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ESW10	493+40.28 WB	0.28' LT	503369.38	842498.33	906.48	MATCH
ESW11	493+40.34 WB	17.12' LT	503381.59	842486.74	906.15	FL
ESW12	493+40.34 WB	17.62' LT	503381.95	842486.40	906.58	BOC
ESW13	493+52.33 WB	17.58' LT	503390.21	842495.08	907.09	BOC
ESW14	493+58.18 WB	18.16' LT	503394.67	842498.92	907.15	BOC
ESW15	493+72.75 WB	20.56' LT	503406.47	842507.80	907.30	EOP
ESW16	493+77.65 WB	21.54' LT	503410.56	842510.66	907.50	EOP
ESW17	493+77.47 WB	15.18' LT	503405.84	842514.92	907.34	BOC
ESW18	493+87.70 WB	17.22' LT	503414.38	842520.91	907.84	EOP
ESW19	494+07.26 WB	27.45' LT	503435.29	842527.99	908.88	EOP
ESW20	494+05.95 WB	20.87' LT	503429.63	842531.58	908.72	EOP
ESW21	494+11.83 WB	21.45' LT	503434.11	842535.43	909.00	EOP
ESW22	494+20.89 WB	12.03' LT	503433.56	842548.50	909.13	BOC
ESW23	494+23.02 WB	11.95' LT	503434.97	842550.09	909.20	BOC
ESW24	494+33.01 WB	11.95' LT	503441.87	842557.32	909.53	BOC
ESW25	494+33.03 WB	21.45' LT	503448.75	842550.76	910.31	TOP
ESW26	494+30.91 WB	0.17' LT	503431.90	842563.93	909.19	MATCH
ESW27	493+85.34 WB	11.60' LT	503408.69	842523.09	907.56	EOP
ESW28	493+85.34 WB	14.11' LT	503410.50	842521.35	907.56	FL
ESW29	494+93.02 WB	14.43' LT	503485.13	842598.99	911.93	TOP
ESW30	494+93.03 WB	21.43' LT	503490.19	842594.15	912.03	EOP
ESW31	495+08.03 WB	21.43' LT	503500.55	842605.00	912.14	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ESW32	495+08.02 WB	14.43' LT	503495.49	842609.83	912.04	FOW
ESW33	495+08.02 WB	12.93' LT	503494.40	842610.87	911.73	FOW
ESW34	495+08.02 WB	11.93' LT	503493.68	842611.56	911.65	BOC
ESW35	495+18.49 WB	14.43' LT	503502.72	842617.40	912.12	BOC
ESW36	495+19.26 WB	35.37' LT	503518.39	842603.49	912.43	FOW
ESW37	494+75.57 WB	0.01' LT	503462.64	842596.33	910.50	MATCH
ESW38	495+23.49 WB	14.43' LT	503506.17	842621.02	912.15	BOC
ESW39	495+18.74 WB	21.30' LT	503507.85	842612.84	912.22	FOW
ESW40	495+35.70 WB	11.43' LT	503512.43	842631.92	911.87	EOP
ESW41	493+40.32 WB	11.57' LT	503377.57	842490.56	906.26	BOC
ESW42	495+36.27 WB	0.13' RT	503504.47	842640.32	912.16	MATCH
ESW43	495+80.66 WB	0.13' RT	503535.14	842672.41	913.36	MATCH
ESW44	495+67.36 WB	17.93' LT	503539.00	842650.32	913.43	EOP
ESW45	495+35.76 WB	15.41' LT	503515.35	842629.21	912.51	EOP
ESW46	495+18.97 WB	27.43' LT	503512.44	842608.77	912.31	EOP
ESW47	495+67.26 WB	27.95' LT	503546.18	842643.32	913.58	EOP
ESW48	495+23.74 WB	21.18' LT	503511.22	842616.54	912.25	FOW
ESW49	495+24.23 WB	34.60' LT	503521.27	842607.62	912.46	BOW
ESW50	494+31.74 WB	50.28' LT	503468.70	842529.91	916.24	FOW
ESW51	494+34.63 WB	56.75' LT	503475.38	842527.53	916.35	MATCH
ESW52	494+28.25 WB	56.78' LT	503470.99	842522.90	916.20	MATCH
ESW53	494+28.23 WB	51.84' LT	503467.41	842526.30	916.32	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ESW54	494+18.39 WB	51.92' LT	503460.67	842519.13	915.94	MATCH
ESW55	494+12.40 WB	51.76' LT	503456.42	842514.90	915.82	BOW
ESW56	494+12.14 WB	61.75' LT	503463.46	842507.82	915.59	FOW
ESW57	494+18.13 WB	61.90' LT	503467.71	842512.05	915.84	MATCH
ESW58	493+43.03 WB	17.11' LT	503383.44	842488.68	906.29	FL
ESW59	495+20.74 WB	0.11' RT	503493.76	842629.07	911.74	MATCH
ESW60	495+13.03 WB	21.43' LT	503504.00	842608.62	912.18	FOW
ESW61	494+15.36 WB	0.25' LT	503421.22	842552.63	908.74	MATCH
ESW62	494+93.02 WB	11.93' LT	503483.32	842600.71	911.89	TOP
ESW63	494+33.02 WB	11.45' LT	503441.52	842557.67	910.16	TOP
ESW64	494+33.02 WB	11.45' LT	503441.52	842557.67	909.03	FL
ESW65	494+93.02 WB	11.43' LT	503482.96	842601.06	910.76	FL
ESW66	494+93.03 WB	20.93' LT	503489.83	842594.50	912.03	TOP
ESW67	494+39.67 WB	55.12' LT	503477.68	842532.30	916.09	BOW
ESW68	494+37.73 WB	47.36' LT	503470.73	842536.26	915.97	FOW
ESW69	493+52.40 WB	47.08' LT	503411.59	842474.76	0.00	RADIUS*
ESW78	494+54.91 WB	21.44' LT	503463.86	842566.59	910.94	TOP/FOW
ESW79	494+54.91 WB	27.44' LT	503468.20	842562.44	911.03	BOW
ESW80	494+59.90 WB	27.44' LT	503471.65	842566.05	911.17	BOW
ESW81	494+59.90 WB	21.44' LT	503467.31	842570.20	911.08	TOP/FOW
ESW82	494+33.03 WB	21.45' LT	503448.75	842550.76	910.00	FOW
ESW83	495+09.74 WB	27.43' LT	503506.07	842602.10	912.25	BOW

60631225P

GRADING PLAN: WB E. WASHINGTON AVENUE AT E. SPRINGS DRIVE

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

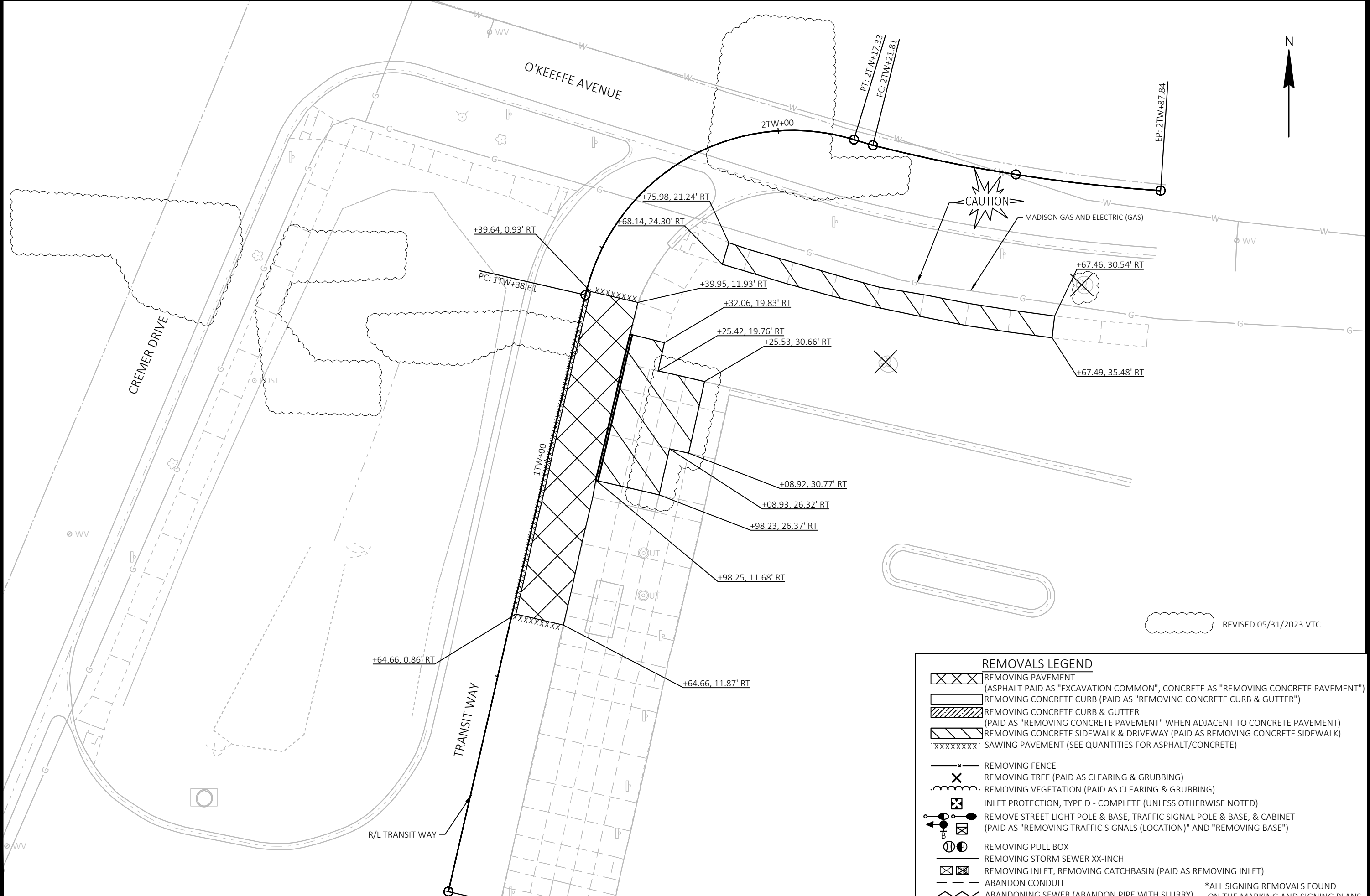
CITY OF MADISON

CONTRACT NO: 60631225C



60631225P

G28-E



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

CITY OF MADISON

60631225P

REMOVAL PLAN: SUN PRAIRIE PARK AND RIDE

BUS RAPID TRANSIT

CITY OF MADISON

CITY OF MADISON, DANE COUNTY, WI

60631225C

PLAN REVISION 4

REVISION

DATE: 05/31/23

VTC

BY

Designed By: AECOM

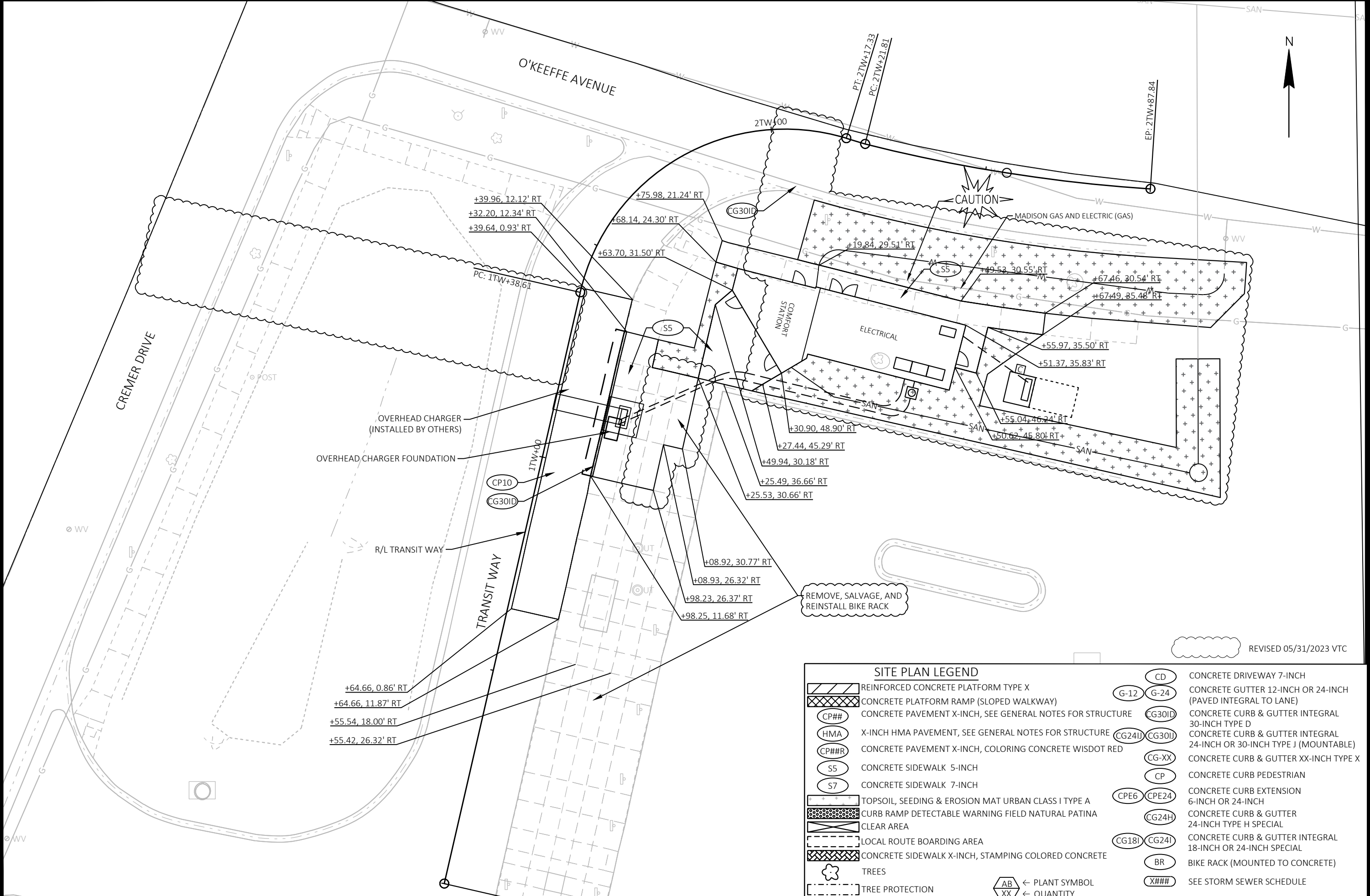
Date: 2023-07-10

Scale: 1"=20 FT

60631225P

60631225P

R36-E



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

60631225P

CITY OF MADISON, DANE COUNTY, WI

60631225C

SITE PLAN: SUN PRAIRIE PARK AND RIDE

BUS RAPID TRANSIT

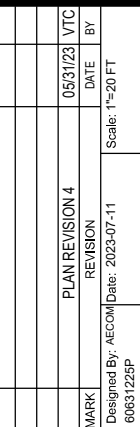
CITY OF MADISON

60631225P

P36-E

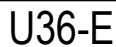
PLAN REVISION 4	05/31/23	VTC
REVISION	DATE	BY
Designed By: AECOM	Date: 2023-07-10	Scale: 1"=20 FT
60631225P		

FILE NAME : C:\P\WORKING\AECOM_DS20_INA_2019\MEGHAN MCCARTHY\60631225\050304B-PN.DWG
LAYOUT NAME - Plan 1 IN 20 FT
LAST PLOT DATE - 2023-07-10



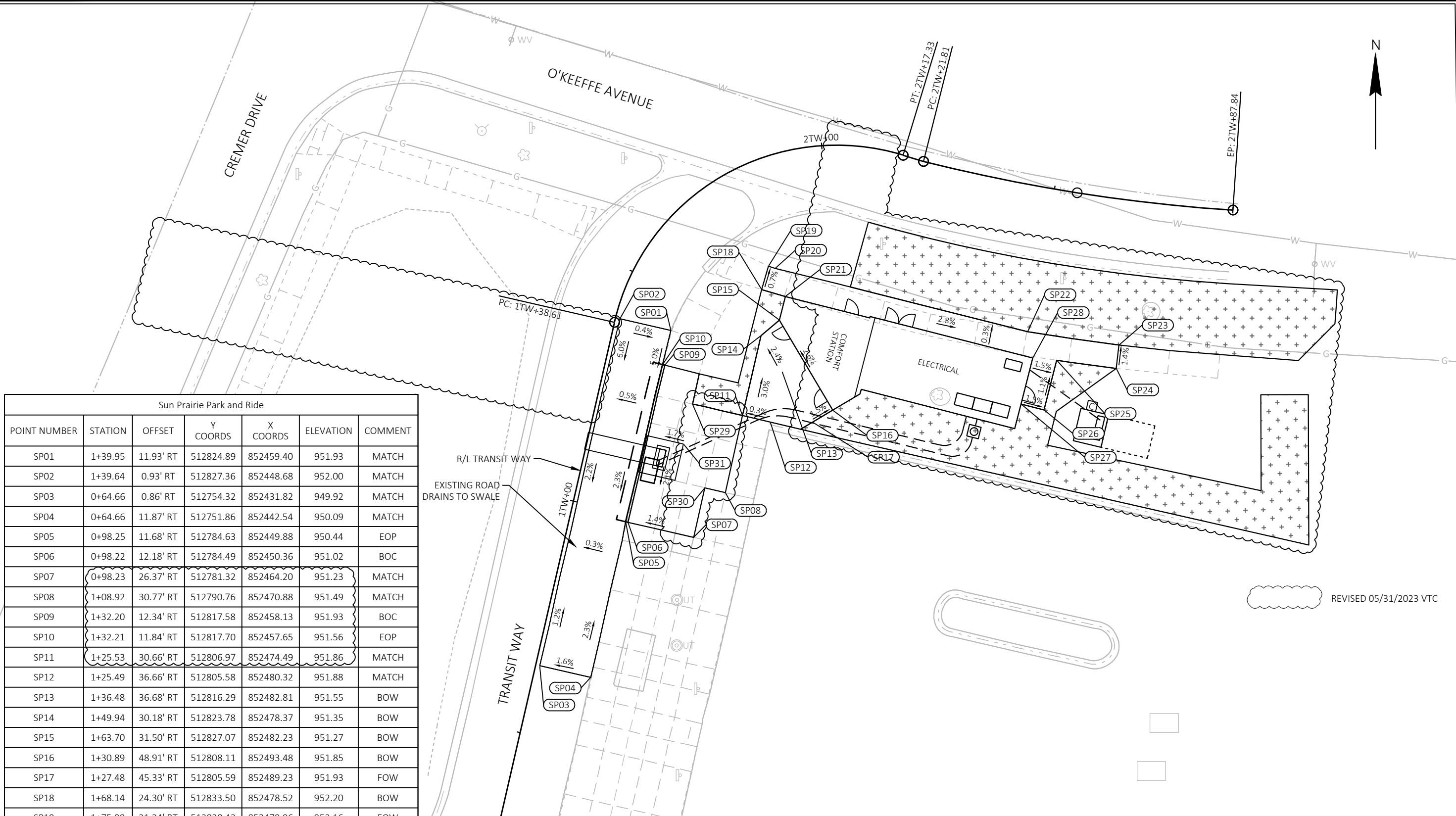
CONTRACT NO: 60631225C

CITY OF MADISON



Sun Prairie Park and Ride						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SP01	1+39.95	11.93' RT	512824.89	852459.40	951.93	MATCH
SP02	1+39.64	0.93' RT	512827.36	852448.68	952.00	MATCH
SP03	0+64.66	0.86' RT	512754.32	852431.82	949.92	MATCH
SP04	0+64.66	11.87' RT	512751.86	852442.54	950.09	MATCH
SP05	0+98.25	11.68' RT	512784.63	852449.88	950.44	EOP
SP06	0+98.22	12.18' RT	512784.49	852450.36	951.02	BOC
SP07	0+98.23	26.37' RT	512781.32	852464.20	951.23	MATCH
SP08	1+08.92	30.77' RT	512790.76	852470.88	951.49	MATCH
SP09	1+32.20	12.34' RT	512817.58	852458.13	951.93	BOC
SP10	1+32.21	11.84' RT	512817.70	852457.65	951.56	EOP
SP11	1+25.53	30.66' RT	512806.97	852474.49	951.86	MATCH
SP12	1+25.49	36.66' RT	512805.58	852480.32	951.88	MATCH
SP13	1+36.48	36.68' RT	512816.29	852482.81	951.55	BOW
SP14	1+49.94	30.18' RT	512823.78	852478.37	951.35	BOW
SP15	1+63.70	31.50' RT	512827.07	852482.23	951.27	BOW
SP16	1+30.89	48.91' RT	512808.11	852493.48	951.85	BOW
SP17	1+27.48	45.33' RT	512805.59	852489.23	951.93	FOW
SP18	1+68.14	24.30' RT	512833.50	852478.52	952.20	BOW
SP19	1+75.98	21.24' RT	512838.42	852479.96	952.16	FOW
SP20	1+77.69	22.36' RT	512837.95	852481.34	952.14	FOW
SP21	1+74.90	28.52' RT	512832.03	852483.50	952.13	BOW
SP22	2+49.53	30.55' RT	512824.62	852534.49	950.71	FOW
SP23	2+67.46	30.54' RT	512821.81	852553.70	950.05	MATCH
SP24	2+67.49	35.48' RT	512816.90	852553.14	950.12	MATCH
SP25	2+55.97	35.50' RT	512818.60	852540.62	950.58	BOW
SP26	2+55.04	46.24' RT	512808.15	852537.95	950.70	BOW

Sun Prairie Park and Ride						
POINT NUMBER	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SP27	2+50.62	45.80' RT	512809.39	852533.10	950.77	BOW
SP28	2+51.37	35.83' RT	512819.08	852535.58	950.67	BOW
SP29	1+25.54	19.86' RT	512809.40	852463.97	951.74	BOW
SP30	1+08.93	26.32' RT	512791.76	852466.54	951.45	BOW
SP31	1+16.93	19.88' RT	512801.00	852462.06	951.51	



60631225P

CITY OF MADISON

60631225P

GRADING PLAN: SUN PRAIRIE PARK AND RIDE

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

G36-E

DESIGNED BY: AECOM

DATE: 2023-07-10

REVISION

DATE: 2023-07-10

BY

DATE: 2023-07-10

FILE NAME: C:\P\WORKING\AECOM_DS20_NA_2019\MEGHAN.MCCARTHY\AECOM\050304C-GD.DWG

LAYOUT NAME: Plan 1 IN 20 FT

LAST PLOT DATE: 2023-07-10

STORM SEWER SCHEDULE

REVISED 05/31/2023 VTC

PROPOSED STORM STRUCTURES

STRUC. NO	STATION	LOCATION (OFFSET)	TYPE/CASTING	TOP OF CASTING	E.I	DEPTH	NOTES
SITE 45 - CAMPUS DRIVE ROADWAY WORK (EB)							
S4504	1010+26.78	RT 39.582	2X3/SALVAGE CASTING	877.15	873.60	3.55	USE CASTING FROM IN4450-122
S4501	1005+13.71	RT 33.461	FIELD POUR/SALVAGE CASTING	878.80	874.23	4.57	USE CASTING FROM IN4450-016
S4502	1005+65.06	RT 33.623	FIELD POUR/SALVAGE CASTING	878.76	874.84	3.92	USE CASTING FROM IN4450-017
S4503	1008+62.91	LT 202.60	FIELD POUR/SALVAGE CASTING	877.84	874.35	3.49	USE CASTING FROM IN4450-039
S4503A	1008+63.05	LT 202.61	2X2/B	879.05	875.35	3.70	
C4502	1008+63.16	RT 32.237	CONNECTION		874.35		CONCRETE COLLARS FOR PIPE REQ'D
C4503	1008+55.02	RT 33.563	CONNECTION		874.45		CONCRETE COLLARS FOR PIPE REQ'D
C4504	1008+62.91	LT 202.60	CONNECTION		874.45		CONCRETE COLLARS FOR PIPE REQ'D
C4505	1010+26.56	RT 35.562	CONNECTION		873.54		STORM SEWER TAP REQ'D
SITE 4 - MINERAL POINT ROAD AT GRAND CANYON DRIVE (ALIGNMENT MP)							
S401	135+39.22	RT 7.08	2X3-S/SALVAGE CASTING	1048.19	1043.98	4.21	USE CASTING FROM IN2856-011
S402	135+39.29	LT 2.07	2X3-S/SALVAGE CASTING	1047.74	1043.00	4.74	USE CASTING FROM IN2856-008
S406	134+04.61	RT 8.60	2X3-S/H-S	1043.84	1039.08	4.76	
S403	133+97.74	RT 12.24	4 FT/J-S	1043.38	1039.00	4.38	FLAT TOP SLAB REQ'D
S405	134+04.63	LT 4.09	2X3-S/H-S	1043.72	1039.13	4.59	
C403	133+97.65	RT 2.01	CONNECTION		1039.13		CONCRETE COLLARS FOR PIPE REQ'D
C402	133+97.66	RT 4.91	CONNECTION		1039.01		CONCRETE COLLARS FOR PIPE REQ'D
C401	133+97.74	RT 12.24	CONNECTION		1038.90		CONCRETE COLLARS FOR PIPE REQ'D
C404	133+97.54	LT 3.51	CONNECTION		1039.08		CONCRETE COLLARS FOR PIPE REQ'D
SITE 1 - JUNCTION ROAD (ALIGNMENT PNR)							
S109	1+21.23	LT 38.44	ENDWALL	1076.75	1074.04	2.71	18" RCP APRON ENDWALL; SET ENDWALL @ 1% SLOPE; MEET CITY OF MADISON JOINT RESTRAINT REQ
S107	1+32.34	LT 68.59	2X3/H-S	1077.30	1072.90	4.40	
S108	1+36.55	LT 59.56	2X3/H-S	1076.48	1073.25	3.23	
S106	1+22.67	LT 28.37	2X3/H-S	1076.73	1072.00	4.73	
S114	2+39.30	LT 157.73	3 FT/C	1074.71	1070.00	4.71	
S115	2+39.30	LT 222.65	2X3/H	1074.92	1070.00	4.92	
S104	2+39.30	LT 94.45	3 FT/C	1073.80	1070.00	3.80	
S105	2+06.99	LT 20.78	3 FT/C	1073.64	1069.75	3.89	
S113	4+38.25	LT 151.98	4 FT/C	1072.22	1066.75	5.47	
S103	4+32.40	LT 87.01	3 FT/C	1071.43	1068.25	3.18	
S102	4+18.55	LT 21.37	3 FT/C	1071.31	1067.00	4.31	
S101	4+62.99	LT 60.83	2X3/H-S	1070.62	1063.00	7.62	2-FT SUMP
S111	4+54.92	LT 153.50	2X3/H-S	1070.31	1063.00	7.31	2-FT SUMP
S112	4+54.25	LT 168.12	2X3/H-S	1070.21	1066.00	4.21	
S119	4+95.56	LT 61.11	STANDPIPE	1064.5	1063.38	1.12	15" STANDPIPE WITH 3.5" VERTICAL ORIFICE
S116	5+03.99	LT 50.12	INLET MEDIAN I	1066.33	1059.50	6.83	
S117	-	-	4 FT/J-S	1066.53	1056.88	9.65	
S100	4+78.36	LT 77.44	ENDWALL	1064.50	1063.00	1.50	18" RCP APRON ENDWALL
S110	4+66.22	LT 153.40	ENDWALL	1064.50	1063.00	1.50	18" RCP APRON ENDWALL
S118	-	-	INLET MEDIAN I	1058.88	1055.50	3.38	
C104	2+77.86	RT 33.50	CONNECTION		1068.43		STORM SEWER TAP REQ'D
C103	-	-	CONNECTION		1055.50		CONCRETE COLLARS FOR PIPE REQ'D
C102	5+07.94	LT 45.59	CONNECTION		1063.76		CONCRETE COLLARS FOR PIPE REQ'D

PROPOSED STORM PIPES

PIPE NO.	FROM (DISCH.)	TO (INLET)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE %	PIPE SIZE (IN)	PIPE TYPE	NOTES
SITE 45 - CAMPUS DRIVE ROADWAY WORK (EB)										
P4506	AS4503	S4504	873.54	873.60	5	4.756	0.73%	12	RCP C-III	
P4503	S4503	S4503A	875.35	875.43	8	7.681	0.97%	12	RCP C-III	
SITE 4 - MINERAL POINT ROAD AT GRAND CANYON DRIVE										
P409	S401	PLATFORM ROOF DRAIN	1043.75	1043.98	58	57.13	0.40%	8	SCHEDULE 40 PVC	
P408	S406	PLATFORM ROOF DRAIN	1039.41	1040.50	24	23.66	4.33%	8	SCHEDULE 40 PVC	
P407	C401	S403	1038.83	1039.00	5	4.02	2.83%	15	RCP C-III	
P406	C402	S403	1039.00	1039.08	6	5.45	1.07%	15	RCP C-III	
P405	C404	C403	1039.08	1039.13	8	7.96	0.63%	15	RCP C-III	
P404	S403	S406	1039.05	1039.08	5	4.03	0.39%	15	RCP C-III	
P402	S405	S402	1039.13	1043.00	132	131.72	2.87%	15	RCP C-III	
P401	S402	S401	1043.25	1043.50	8	7.19	2.73%	15	RCP C-III	
SITE 1 - JUNCTION ROAD										
P104	S103	S104	1068.35	1069.25	139	138.29	0.63%	12	RCP C-III	
P112	S111	S112	1065.50	1066.00	12	11.89	3.37%	12	RCP C-III	
P108	S107	S108	1073.00	1073.25	27	26.03	0.89%	12	RCP C-III	
P116	S117	S116	1056.23	1061.50	198	197.31	2.64%	18	CL III-B	
P117	S118	S117	1055.50	1056.13	60	59.55	1.00%	18	CL III-B	
P118	S119	S116	1063.24	1063.38	14	13.23	1.00%	15	CL III-B	
P119B	INFILTRATION CELL 1	WET POND	1058.00	1063.00	33	32.49	15.39%	12	DUCTILE IRON	
P119A	INFILTRATION CELL 1	WET POND	1058.00	1063.00	33	32.52	15.37%	12	DUCTILE IRON	
P119	INFILTRATION CELL 1	WET POND	1058.00	1063.00	33	32.48	15.40%	12	DUCTILE IRON	
P120	INFILTRATION CELL 2	INFILTRATION CELL 1	1057.17	1058.50	25	24.07	5.53%	10	DUCTILE IRON	
P120A	INFILTRATION CELL 2	INFILTRATION CELL 1	1057.17	1058.50	24	24.00	5.54%	10	DUCTILE IRON	
P120B	INFILTRATION CELL 2	INFILTRATION CELL 1	1057.17	1058.00	26	25.07	3.31%	8	DUCTILE IRON	
P121	S118	INFILTRATION CELL 2	1055.00	1055.00	44	43.63	0.00%	8	DRILLED SDR 35 PVC	
P122	11.25 DEGREE BEND	COMFORT STATION ROOF DRAIN	1071.80	1073.44	26	25.57	6.41%	8	SCHEDULE 40 PVC	
P123	S104	11.25 DEGREE BEND	1070.03	1071.80	99	98.63	1.77%	8	SCHEDULE 40 PVC	
P106	S105	S106	1070.00	1072.00	106	105.77	1.84%	18	RCP C-III	
P105	S102	S105	1067.25	1069.75	202	201.94	1.21%	18	RCP C-III	
P102	S101	S102	1065.25	1067.00	73	72.38	2.32%	18	RCP C-III	
P103	S113	S103	1067.25	1068.25	62	61.62	1.52%	12	RCP C-III	
P113	S111	S113	1065.25	1066.75	59	58.20	2.45%	18	RCP C-III	
P111	S110	S111	1062.25	1065.00	41	40.97	6.61%	18	RCP C-III	
P101	S100	S101	1062.25	1065.00	38	37.24	7.30%	18	RCP C-III	
P107	S106	S107	1072.50	1072.90	58	57.21	0.66%	12	RCP C-III	
P115	S114	S115	1069.50	1070.00	63	62.84	0.76%	12	RCP C-III	
P114	S113	S114	1067.25	1069.25	138	137.66	1.41%	15	RCP C-III	
P124	WYE CONNECTION	PLATFORM ROOF DRAIN	1069.53	1072.22	52	51.91	5.18%	8	SCHEDULE 40 PVC	
P125	WYE CONNECTION	PLATFORM ROOF DRAIN	1069.53	1070.52	15	14.15	7.00%	8	SCHEDULE 40 PVC	
P126	C104	WYE CONNECTION	1068.43	1069.43	9	8.81	11.36%	8	SCHEDULE 40 PVC	

PLAN REVISION 4	05/31/23	VTC
CHANGE ORDER 1	01/05/23	VTC
ADDENDUM 1	11/16/22	VTC
REVISION	DATE	BY
MARK	Date: 2023-05-31	Scale: 1"=20 FT

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



60631225P
P37-E

STORM SEWER SCHEDULE

REVISED 05/30/2023 VTC

REMOVE STORM STRUCTURES

STRUC. NO	STATION	LOCATION (OFFSET)	TYPE	NOTES
SITE 4 - MINERAL POINT ROAD AT GRAND CANYON DRIVE				
RS403	133+97.64	RT 7.83	2X3/H	IN2856-011
RS402	133+97.65	LT 2.01	2X3/H	IN2856-008
SITE 1 - JUNCTION ROAD				
RS103	1+21.08	LT 44.41	ENDWALL	AE2157-019
RS102	-	-	ENDWALL	AE2156-075
SITE 12 - UNIVERSITY AVENUE AT MIDVALE BOULEVARD				
RS1206	314+64.73	RT 71.77	2X3/H	IN3750-075
RS1209	314+70.88	RT 20.8	2X3/H	IN3750-080
RS1208	314+80.88	RT 21.26	2X3/H	IN3750-079
RS1207	314+81.60	RT 9.80	2X3/H	IN3750-078
RS1204	314+70.62	LT 10.88	2X3/H	IN3749-038
RS1211	314+71.11	LT 2.03	2X3/H	IN3750-082
RS1203	314+79.24	LT 10.93	2X3/H	IN3749-037
RS1210	314+80.65	LT 2.11	2X3/H	IN3750-081
RS1201	314+78.96	LT 50.55	2X3/H	IN3749-033
RS1202	314+70.63	LT 50.71	2X3/H	IN3749-034
SITE 15 - UNIVERSITY AVENUE AT ORCHARD STREET				
RS1502	813+76.53	LT 28.85	2X3/H	IN4650-077
RS1501	812+84.13	LT 28.95	2X3/H	IN4650-076
SITE 8 - WHITNEY WAY AT REGENT STREET				
RS801	59+32.47	LT 47.03	2X3/H	IN3353-053
SITE 2 - MINERAL POINT ROAD AT HIGH POINT ROAD				
RS201	79+38.60	RT 3.68	2X3/H	IN2456-001
RS202	79+38.24	RT 13.22	2X3/H	IN2456-008
SITE 7 - WHITNEY WAY AT MINERAL POINT ROAD				
RS701	30+29.73	LT 67.26	2X3/H	IN3355-009
RS702	30+19.92	LT 67.40	2X3/H	IN3356-045
SITE 17 - UNIVERSITY AVENUE AT EAST CAMPUS MALL				
RS1701	834+33.64	LT 29.50	2X3/H	IN4750-076
SITE 16 - JOHNSON STREET AT ORCHARD STREET				
RS1601	210+51.70	RT 20.9	2X3/H	IN4651-153
SITE 47 - RANDALL AVE ROADWAY WORK				
RS4701	206+55.69	RT 9.35	2X3/H	IN4651-144
SITE 44 - SHEBOYGAN & WHITNEY WAY ROADWAY IMPROVEMENTS				
RS4402	78+48.06	LT 8.42	2X3/H	IN3450-049
RS4401	78+47.94	RT 13.58	2X3/H	IN3450-048
RS4403	78+47.92	RT 48.13	2X3/H	IN3451-005
SITE 42 - HANSON RD				
RS4201	5+83.00	LT 8.76	ENDWALL	AE6417-016

ADJUST STORM STRUCTURES

STRUC. NO	STATION	LOCATION (OFFSET)	TYPE	NOTES
SITE 45 - CAMPUS DRIVE ROADWAY WORK (EB)				
AS4501	1011+19.20	RT 36.938	2X3/H	IN4450-125
AS4503	1010+26.78	RT 31.834	4-FT/J-S	IN4550-122
SITE 1 - JUNCTION ROAD				
AS101	1+19.21	RT 396.91	2X3/H	IN2156-072/H-M; SWAP STRUCTURE CASTING
SITE 12 - UNIVERSITY AVENUE AT MIDVALE BOULEVARD				
AS1209	314+54.69	RT 71.58	2X3/H	IN3750-076
AS1202	314+79.22	LT 18.18	6-FT/J-S	CB3749-036
AS1201	315+02.83	RT 71.85	3-FT/C	AS3750-092
AS1208	315+04.26	RT 105.99	2X3/H	IN3750-074
AS1207	315+03.45	RT 101.71	2X3/H	IN3750-073
AS1205	315+11.64	RT 8.72	2X3/H	IN3750-077
SITE 15 - UNIVERSITY AVENUE AT ORCHARD STREET				
AS1501	811+90.54	LT 20.33	4-FT/J-S	AS4650-072
SITE 8 - WHITNEY WAY AT REGENT STREET				
AS802	60+12.83	LT 62.73	2X3/H	IN3353-050
AS803	59+88.21	LT 63.26	2X3/H	IN3353-051
AS801	60+25.69	LT 49.37	2X3/H	IN3352-029
AS804	59+73.09	LT 62.99	2X3/H	IN3353-052
AS808	59+35.66	LT 42	3X3/MS	IN3353-054
AS806	60+39.67	RT 11.07	2X3/H	IN3452-003
AS805	60+22.83	RT 0.25	2X3/H	IN3452-001
AS807	60+40.60	RT 44.15	2X3/H	IN3452-004
SITE 7 - WHITNEY WAY AT MINERAL POINT ROAD				
AS701	30+55.89	LT 252.14	2X3/H	IN3355-014
AS702	30+46.79	LT 252.98	2X3/H	IN3355-015
SITE 17 - UNIVERSITY AVENUE AT EAST CAMPUS MALL				
AS1701	835+71.54	LT 26.03	4-FT/J-S	AS4850-126
AS1703	835+08.00	LT 25.44	4-FT/J-S	AS4850-125
AS1704	834+34.12	LT 26.31	4-FT/J-S	AS4750-076
AS1702	834+50.51	LT 29.32	2X3/H	IN4750-086
SITE 13 - UNIVERSITY AVENUE AT SHOREWOOD BOULEVARD				
AS1303	337+08.41	LT 1.59	2X3/S	PART OF UNIVERSITY BAY PROJECT
AS1302	337+64.43	RT 7.75	2X3/S	PART OF UNIVERSITY BAY PROJECT
AS1301	336+10.46	LT 1.81	2X3/S	PART OF UNIVERSITY BAY PROJECT
SITE 14 - UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE				
AS1401	363+78.20	RT 8.89	4-FT/J-S	PART OF UNIVERSITY BAY PROJECT
AS1402	363+78.34	LT 3.84	4-FT/J-S	PART OF UNIVERSITY BAY PROJECT
SITE 42 - HANSON RD				
AS4201	5+68.46	LT 9.93	2X3/M	IN6417-015

		05/30/23	VTC
	PLAN REVISION 4	04/24/23	VTC
	PLAN REVISION 3	03/08/23	VTC
	PLAN REVISION 1	DATE	BY
MARK	REVISION	Scale: 1"=20 FT	
Designed By: AECOM		Date: 2023-05-30	
60631225P			

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



60631225P
P-40E

STORM SEWER SCHEDULE

REVISÉD 05/30/2023 VTC 

REMOVE STORM PIPES

PIPE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	PAY LGTH (FT)	PIPE SIZE (IN)	PIPE TYPE	NOTES
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SITE 4 - MINERAL POINT ROAD AT GRAND CANYON DRIVE

RP402	C403	C404	7.93	Y	8	15	RCP C-III
RP401	C401	C402	12.56	Y	13	15	RCP C-III

SITE 1 - JUNCTION ROAD

RP102	AE-2156-074	S116	3.94	Y	4	18	RCP C-III
RP103	S118	AE2156-075	35.74	Y	36	21	RCP C-III

SITE 12 - UNIVERSITY AVENUE AT MIDVALE BOULEVARD

RP1205	RS1208	RS1209	10.00	Y	10	12	RCP C-III
RP1204	RS1207	RS1208	11.48	Y	12	12	RCP C-III
RP1203	RS1210	RS1211	9.54	Y	10	12	RCP C-III
RP1202	RS1203	RS1204	8.62	Y	9	12	RCP C-III
RP1201	RS1201	RS1202	8.32	Y	9	12	RCP C-III

SITE 15 - UNIVERSITY AVENUE AT ORCHARD STREET

RP1501	AP1501	RS1501	10.95	Y	11	18	RCP C-III
RP1502		S1504	7.89	Y	8	18	RCP C-III
RP1503	S1505	RS1502	7.09	Y	8	12	RCP C-III

SITE 2 - MINERAL POINT ROAD AT HIGH POINT ROAD

RP202	C201	RS201	10.21	Y	11	15	RCP C-III
RP201	RS201	RS202	8.05	Y	9	15	RCP C-III

SITE 7 - WHITNEY WAY AT MINERAL POINT ROAD

RP701	RS701	RS702	8.14	Y	9	12	RCP C-III
RP702	RS702	S703	6.84	Y	7	12	RCP C-III

SITE 16 - JOHNSON STREET AT ORCHARD STREET

RP1601	RS1601	P1601	11.00	Y	11	12	RCP C-III
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SITE 47 - RANDALL AVE ROADWAY WORK

RP4701	RS4701	P4701	24.65	Y	25	12	RCP C-III
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SITE 44 - SHEBOYGAN & WHITNEY WAY ROADWAY IMPROVEMENTS

RP4401	RS4401	RS4402	19.84	Y	20	12	RCP C-III
RP4402	RS4403	RS4401	32.57	Y	33	12	RCP C-III

SITE 42 - HANSON RD

RP4201	RS4201	AS4201	13.59	Y	14	18	CMP
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ABANDON STORM PIPES

PIPE NO.	FROM (DNSTR)	TO (UPSTR)	LENGTH (FT)	PIPE SIZE (IN)	PIPE TYPE	PAID (Y/N)	NOTES
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SITE 12 - UNIVERSITY AVENUE AT MIDVALE BOULEVARD

AP1203	S1207	RS1207	10	12	RCP C-III	Y
AP1202	AS1202	RS1203	8	12	RCP C-III	Y
AP1201	AS1202	RS1201	33	12	RCP C-III	Y

SITE 15 - UNIVERSITY AVENUE AT ORCHARD STREET

AP1502	RS1502	RS1501	93	18	RCP C-III	Y
AP1501	RP1501	AS1501	82	18	RCP C-III	Y

		PLAN REVISION 4	05/30/23	VTC	
		PLAN REVISION 3	04/24/23	VTC	
		PLAN REVISION 1	03/08/23	VTC	
MARK		REVISION	DATE	BY	
Designed By: AECOM 60631225P	Date: 2023-05-30	Scale: 1"= 20 FT			

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

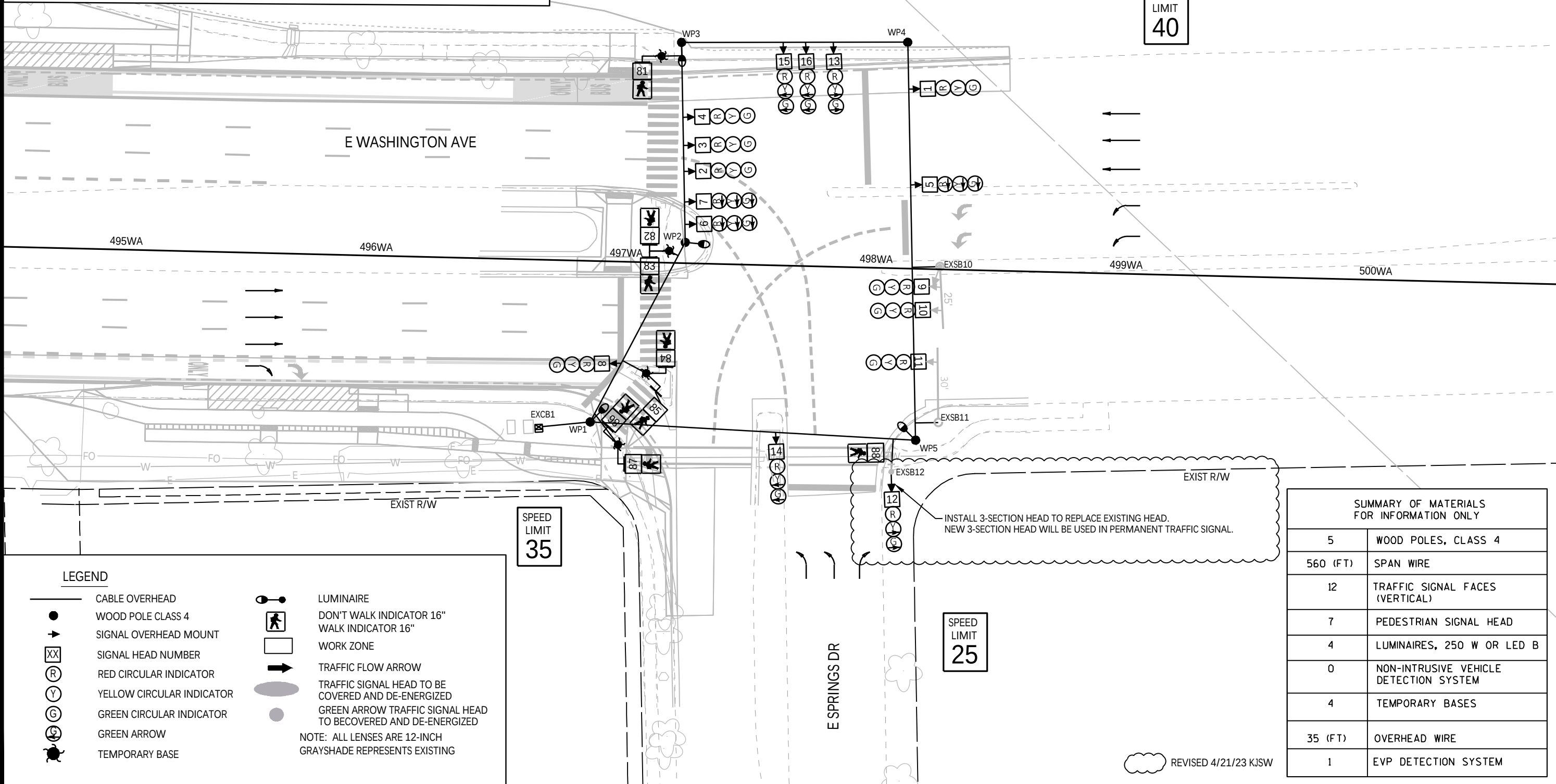


60631225P

P41-E

CONSTRUCTION NOTES

1. FINAL LOCATION OF SIGNAL POLES, SPAN WIRE, CONTROLLER, AND HEADS SHALL BE APPROVED BY ENGINEER.
2. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POST OR POLE.
3. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
4. COORDINATE WITH THE CITY OF MADISON ELECTRICAL FIELD UNIT. (608) 266-4767, 5 WORKING DAYS PRIOR TO BEGINNING ANY WORK AT THE INTERSECTION.
5. ANY KNOCKDOWNS TO PERMANENT/TEMPORARY SIGNAL EQUIPMENT SHALL BE REPLACED BY CONTRACTOR.
6. ALL NEAR RIGHT TRAFFIC SIGNAL HEADS SHALL BE PLACED BETWEEN THE SPAN WIRE AND TETHER WIRE.
7. THE LOCATION OF EXISTING AND PROPOSED UTILITIES ARE APPROXIMATE. THERE MAY BE OTHER EXISTING UTILITIES AND PROPOSED UTILITY INSTALLATIONS WITHIN THE PROJECT THAT ARE NOT SHOWN.
8. ALL TEMPORARY TRAFFIC SIGNAL INSTALLATIONS, MATERIALS, AND OPERATIONS SHALL BE IN ACCORDANCE WITH STANDARD DESIGN DETAILS FOR "SPAN WIRE TEMPORARY TRAFFIC SIGNAL".
9. CONTRACTOR SHALL MAINTAIN AT LEAST ONE PEDESTRIAN CROSSING OF EAST WASHINGTON AVENUE AT ALL TIMES.
9. SEE BALDWIN STREET FOR TYPICAL HEAD LAYOUT DURING SUBSEQUENT STAGES.



LEGEND

- CABLE OVERHEAD
 - WOOD POLE CLASS 4
 - SIGNAL OVERHEAD MOUNT
 - SIGNAL HEAD NUMBER
 - RED CIRCULAR INDICATOR
 - YELLOW CIRCULAR INDICATOR
 - GREEN CIRCULAR INDICATOR
 - GREEN ARROW
 - TEMPORARY BASE
 - LUMINAIRE
 - DON'T WALK INDICATOR 16"
 - WALK INDICATOR 16"
 - WORK ZONE
 - TRAFFIC FLOW ARROW
 - TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
 - GREEN ARROW TRAFFIC SIGNAL HEAD TO BECOVERED AND DE-ENERGIZED
- NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

SUMMARY OF MATERIALS
FOR INFORMATION ONLY

5	WOOD POLES, CLASS 4
560 (FT)	SPAN WIRE
12	TRAFFIC SIGNAL FACES (VERTICAL)
7	PEDESTRIAN SIGNAL HEAD
4	LUMINAIRES, 250 W OR LED B
0	NON-INTRUSIVE VEHICLE DETECTION SYSTEM
4	TEMPORARY BASES
35 (FT)	OVERHEAD WIRE
1	EVP DETECTION SYSTEM

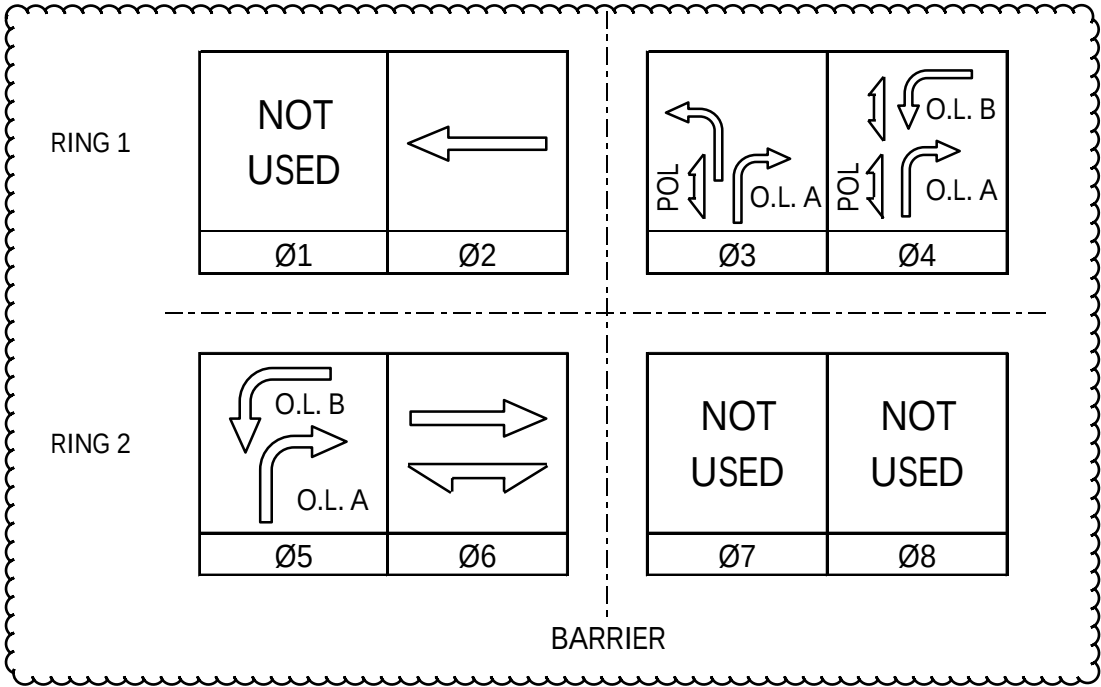
REVISED 4/21/23 KJSW

TEMPORARY SIGNAL PLAN: E WASHINGTON AVE AT E SPRINGS DR
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C



60631225P
S-32A

	HEAD NUMBERS	F L A S H
Ø1		
Ø2	1,2,3,4	R
Ø3	14,15,16	R
Ø4		
Ø5		
Ø6	8,9,10,11	R
Ø7		
Ø8		
Ø2P		
Ø4P	81,82	
Ø6P	87,88	
Ø8P	83,84,85,86	
OLA	12,13	R
OLB	5,6,7	R
POL	83,84,85,86	



N

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	X
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	
TRAFFIC RESPONSIVE	X
CLOSED LOOP	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	
IN SEPARATE DOT LIGHTING CABINET	X

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

EMERGENCY VEHICLE PREEMPTION SEQUENCE				
EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+2		

AFTER PREEMPTION SEQUENCE A OR B, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE C OR D, CONTROLLER SHALL RETURN TO PHASES 4+8.

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				
2	X	6	MIN	X
3				X
4				X
5				X
6	X	2	MIN	X
7				
8				

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)								
CALLLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENSION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)								
CALLLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENSION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

19	17	23	21	27	25	31	29

20	18	24	22	28	26	32	30

DETECTOR INPUT
PLAN LOOP DETECTOR*(S)
CALLLED PHASE
CALL OPTION
DELAY TIME
EXTENSION OPTION
EXTEND TIME
USE ADDED INITIAL
CROSS SWITCH PHASE

DETECTOR INPUT
PLAN LOOP DETECTOR*(S)
CALLLED PHASE
CALL OPTION
DELAY TIME
EXTENSION OPTION
EXTEND TIME
USE ADDED INITIAL
CROSS SWITCH PHASE

GENERAL NOTES:

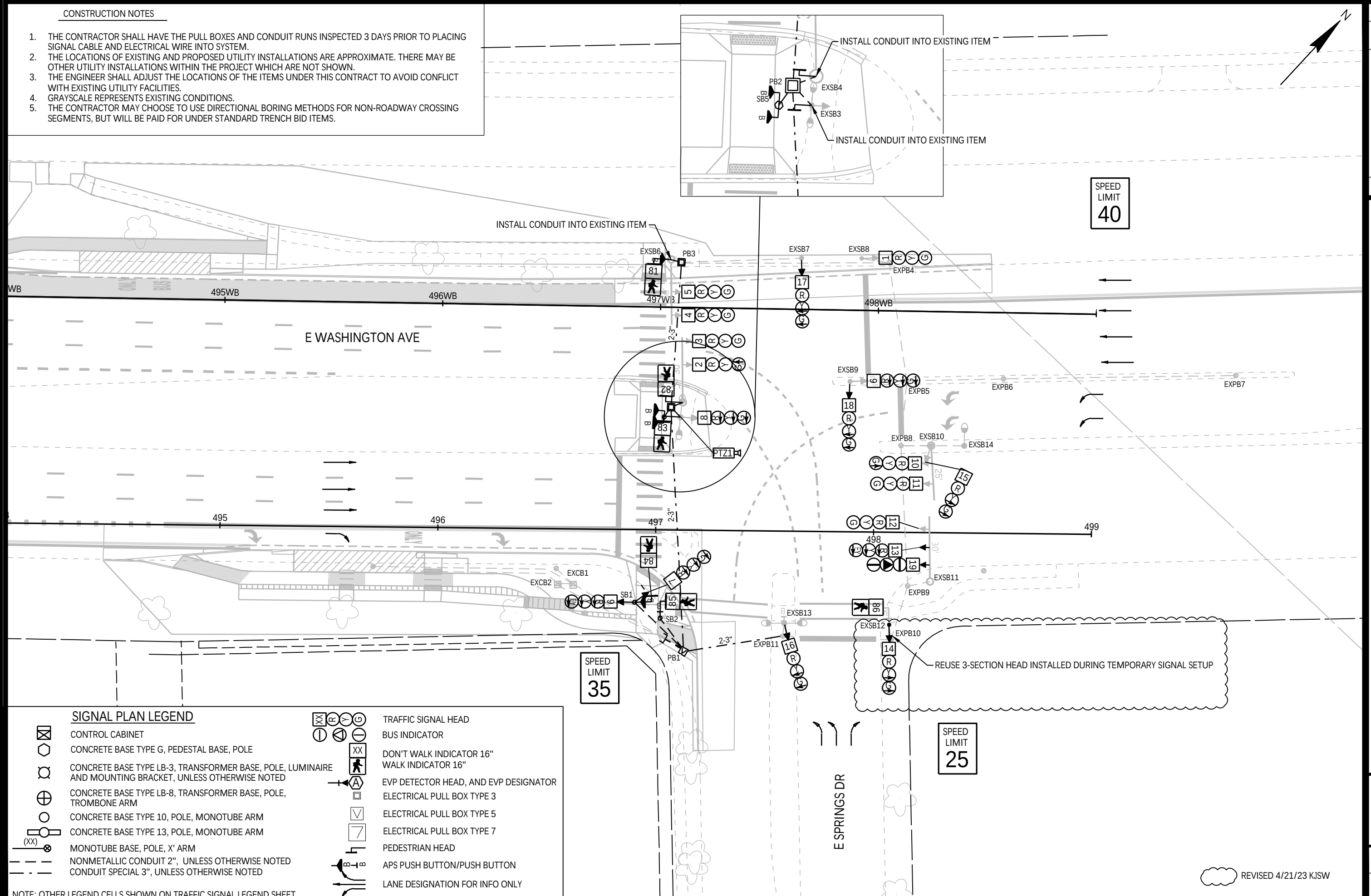
- CONTRACTOR MUST MAINTAIN NEAR DETECTION FOR ALL MOVEMENTS.
- SEE BALDWIN STREET FOR TYPICAL PHASE ACTIVATION/DEACTIVATION DURING SUBSEQUENT STAGES.
-
-

REVISED 4/21/2023 KJSW

East Washington Avenue and East Springs Drive CITY OF MADISON DANE COUNTY	
SIGNAL NO:	CABINET TYPE: TS2
CONTROLLER TYPE: COBALT	
DATE: 10/5/2022	

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.

[illegible]

SIGNAL PLAN: E WASHINGTON AVE AT E SPRINGS DR	60631225P
BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI
CITY OF MADISON	CONTRACT NO: 60631225C

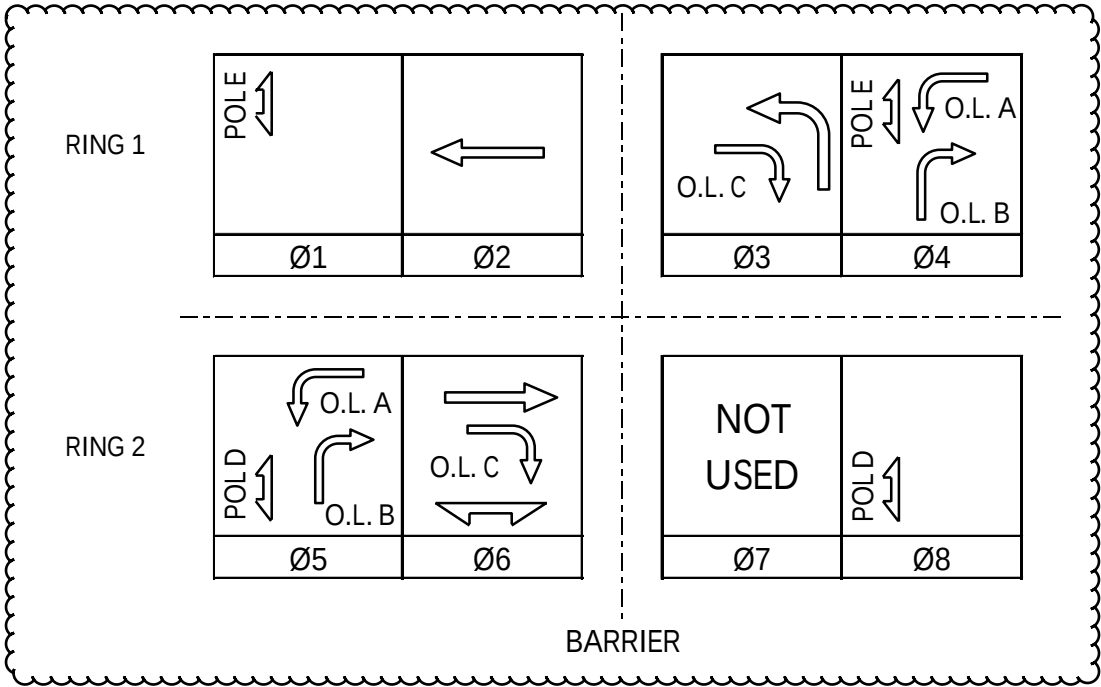


60631225P

S-32C

 REVISED 4/21/23 KJSW

	HEAD NUMBERS	FLASH
Ø1		
Ø2	1,2,3,4,5	R
Ø3	16,17,18	R
Ø4		
Ø5		
Ø6	10,11,12,19	R
Ø7		
Ø8		
Ø2P		
Ø4P		
Ø6P	85,86	
Ø8P		
OLA	6,7,8	R
OLB	14,15	R
OLC	9,13	R
POL D	83,84	
POL E	81,82	



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				X
2	X	6	MIN	X
3				X
4				X
5				X
6	X	2	MIN	X
7				
8				X

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)								
CALLLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENSION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)								
CALLLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENSION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

19	17	23	21	27	25	31	29

20	18	24	22	28	26	32	30

DETECTOR INPUT	
PLAN LOOP DETECTOR*(S)	
CALLLED PHASE	
CALL OPTION	
DELAY TIME	
EXTENSION OPTION	
EXTEND TIME	
USE ADDED INITIAL	
CROSS SWITCH PHASE	

DETECTOR INPUT	
PLAN LOOP DETECTOR*(S)	
CALLLED PHASE	
CALL OPTION	
DELAY TIME	
EXTENSION OPTION	
EXTEND TIME	
USE ADDED INITIAL	
CROSS SWITCH PHASE	

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	X
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	
TRAFFIC RESPONSIVE	X
CLOSED LOOP	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	
IN SEPARATE DOT LIGHTING CABINET	X

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

GENERAL NOTES:

- PEDESTRIAN OVERLAP C CROSSES OUTBOUND EAST WASHINGTON AVENUE ON THE WEST SIDE OF THE INTERSECTION.
- PEDESTRIAN OVERLAP D CROSSES INBOUND EAST WASHINGTON AVENUE ON THE WEST SIDE OF THE INTERSECTION.
-
-

REVISED 4/21/2023 KJSW

East Washington Avenue and East Springs Drive CITY OF MADISON DANE COUNTY	
SIGNAL NO:	CABINET TYPE: TS2
CONTROLLER TYPE: COBALT	
DATE: 10/5/2022	

PROJECT ID:	60631225
INTERSECTION:	EAST WASHINGTON AVENUE & EAST SPRINGS DRIVE

Signal Wire Color Coding	BLK - black	RED - red	GRN - green
	WHT - white	BLU - blue	ORG - orange

EXCB1 TO	NO. OF CONDUCTORS	HEAD NO.	SIGNAL INDICATION WIRE COLOR												PED BUTTON	OTHER
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING YELLOW>	" . "	" Δ "	" "	D/WALK	WALK		
		7				RED	ORG	GRN								
SB1	12	9				RED/BLK	ORG/BLK		GRN/BLK							
		84											BLK	BLU		
		B													WHT/BLK	
SB2	7	85											BLK	BLU		
		B													WHT/BLK	
EXSB3	7	8				RED	ORG	GRN								
		83											BLK	BLU		
EXSB4	12	2	RED	ORG				GRN								
		3	RED/BLK	ORG/BLK	GRN/BLK											
		82											BLK	BLU		
SB5	5	B													BLK	
EXSB6	12	4	RED	ORG	GRN											
		5	RED/BLK	ORG/BLK	GRN/BLK											
		81											BLK	BLU		
		B													WHT/BLK	
EXSB7	5	17	RED				ORG	GRN								
EXSB8	5	1	RED	ORG	GRN											
EXSB9	12	6				RED	ORG	GRN								
		18	RED/BLK				ORG/BLK	GRN/BLK								
EXSB10	12	10	RED	ORG				GRN								
		11	RED/BLK	ORG/BLK	GRN/BLK											
		15	BLK				BLU	WHT/BLK								
EXSB11	12	12	RED	ORG	GRN											
		13				RED/BLK	ORG/BLK		GRN/BLK							
		19								BLK	BLU	WHT/BLK				
EXSB12	7	14	RED	ORG	GRN											
EXSB13	5	16	RED				ORG	GRN								

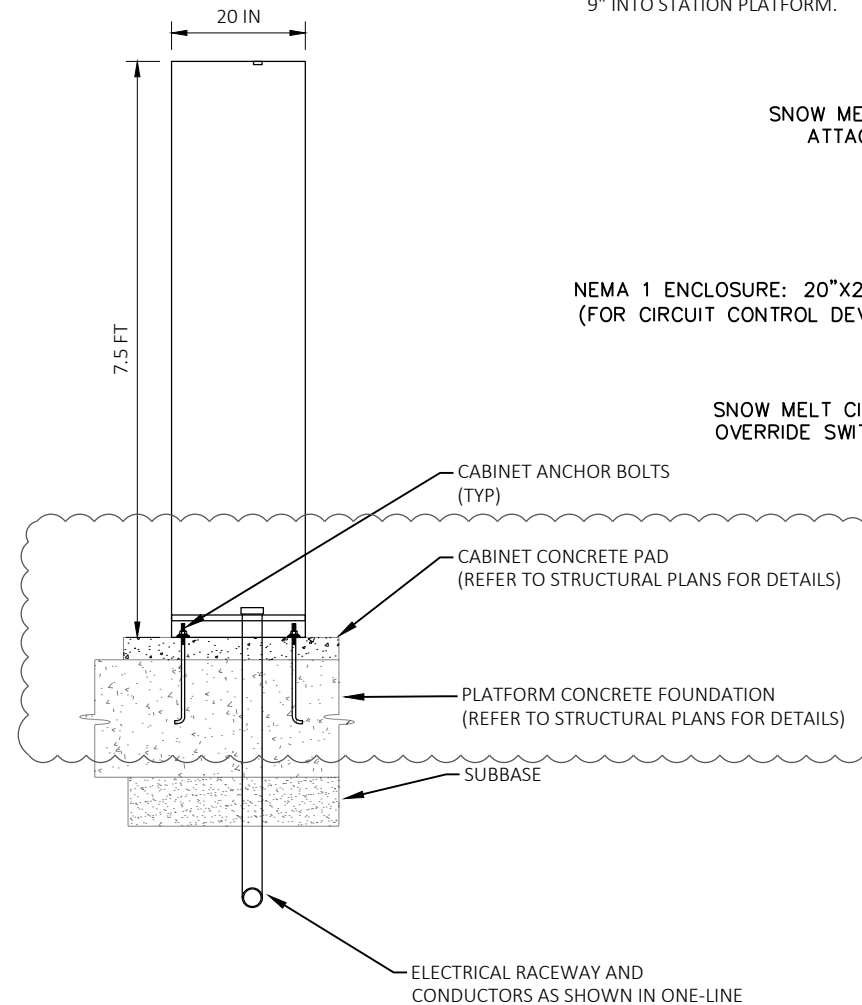
EQUIPMENT GROUNDING CONDUCTORS 10 AWG GRN XLP	
From	TO
EXCB1	SB1
SB1	SB2
SB2	EXSB3
EXSB3	EXSB4
EXSB4	SB5
SB5	EXSB6
EXSB6	EXSB7
EXSB7	EXSB8
EXSB13	EXCB1

EMERGENCY VEHICLE PREEMPTION WITH CONFIRMATION LIGHTS		
HEAD	FROM	TO
A	EXCB1	SB5
B	EXCB1	SB10

PTZ CAMERA		
HEAD	FROM	TO
PTZ1	EXCB1	EXSB3

NOTES:

1. USE THE WHITE CONDUCTOR IN THE CABLE ASSEMBLY AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART.
CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
4. RECONNECT THE GROUNDING CONDUCTORS WHEREVER THE CIRCUIT HAS BEEN INTERRUPTED TO ENSURE THE GROUNDING CIRCUIT IS COMPLETE.



1. FOR ILLUSTRATION ONLY.
SNOW MELT PANEL DESIGN
BY CONTRACTOR. ACTUAL
NUMBER OF CIRCUITS AND
ENCLOSURE REQUIREMENTS
VARY PER STATION.

SHEET	STATION	UTILITY OWNER	PLATFORM DETAIL DWG NO.	SNOWMELT AREA Sq. Ft.	UTILITY SERVICE REQUIREMENTS
E-2A	JUNCTION ROAD	ALLIANT	CURBSIDE CHARGING STATION (A6)	220	480/277V, 3P, 4W, 2000A
E-2A	JUNCTION ROAD	ALLIANT	CURBSIDE CHARGING STATION (A6)	100	
E-3	MINERAL POINT ROAD AT HIGH POINT ROAD	ALLIANT	CENTER (B1)	400	120/240V, 1P, 3W, 200A
E-4	MINERAL POINT ROAD AT WESTFIELD ROAD	ALLIANT	CENTER (B1)	360	120/240V, 1P, 3W, 200A
E-5	MINERAL POINT ROAD AT GRAND CANYON DRIVE	MG&E	CENTER (B1)	390	120/208V, 1P, 3W, 200A
E-6	MINERAL POINT ROAD AT ISLAND DRIVE	MG&E	CENTER (B1)	350	120/240V, 1P, 3W, 200A
E-7	MINERAL POINT ROAD AT ROSA ROAD	MG&E	CENTER (B1)	350	120/240V, 1P, 3W, 200A
E-8	WHITNEY WAY AT MINERAL POINT ROAD	MG&E	CENTER (B1)	530	120/240V, 1P, 3W, 200A
E-9	WHITNEY WAY AT REGENT STREET	MG&E	REDUCED CENTER (C)	340	120/240V, 1P, 3W, 200A
E-10	SHEBOYGAN AVENUE AT EAU CLAIRE AVENUE	MG&E	CENTER (B1)	400	120/240V, 1P, 3W, 200A
E-11B	SHEBOYGAN AVENUE AT SEGOE ROAD	MG&E	CURBSIDE - ISLAND (A1)	260	120/240V, 1P, 3W, 400A (CT)
E-11B	SHEBOYGAN AVENUE AT SEGOE ROAD	MG&E	CURBSIDE CENTER (A7)	490	
E-12	UNIVERSITY AVENUE AT MIDVALE BOULEVARD	MG&E	CENTER (B1)	370	120/208V, 1P, 3W, 200A
E-13	UNIVERSITY AVENUE AT SHOREWOOD BOULEVARD	MG&E	CENTER (B1)	430	120/208V, 1P, 3W, 200A
E-14	UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE	MG&E	CENTER (B1)	400	120/208V, 1P, 3W, 200A
E-15	UNIVERSITY AVENUE AT ORCHARD STREET	MG&E	CURBSIDE (A2)	260	120/240V, 1P, 3W, 200A
E-16	JOHNSON STREET AT ORCHARD STREET	MG&E	CURBSIDE (A2)	230	120/240V, 1P, 3W, 200A
E-17	UNIVERSITY AVENUE AT EAST CAMPUS MALL	MG&E	CURBSIDE (A1)	260	120/208V, 1P, 3W, 200A
E-17	UNIVERSITY AVENUE AT EAST CAMPUS MALL	MG&E	NO CANOPY	290	120/208V, 1P, 3W, 200A
E-18	JOHNSON STREET AT EAST CAMPUS MALL	MG&E	CURBSIDE (A1)	260	120/208V, 1P, 3W, 200A
E-19	STATE STREET - GORHAM STREET WB	MG&E	REDUCED CURBSIDE (A4)	220	120/208V, 1P, 3W, 200A
E-20	STATE STREET - JOHNSON STREET EB	MG&E	REDUCED CURBSIDE (A3)	210	120/208V, 1P, 3W, 200A
E-21	CAPITOL SQUARE - MIFFLIN STREET AT WISCONSON AVENUE	MG&E	CURBSIDE (A2)	260	120/208V, 1P, 3W, 200A
E-22	CAPITOL SQUARE - MAIN STREET AT MARTLIN LUTHER KING BOULEVARD	MG&E	CURBSIDE (A2)	280	120/208V, 1P, 3W, 200A
E-23	EAST WASHINGTON AVENUE AT BLAIR STREET	MG&E	CENTER (B2)	460	120/208V, 1P, 3W, 200A
E-24	EAST WASHINGTON AVENUE AT PATERSON STREET	MG&E	CENTER (B2)	360	120/208V, 1P, 3W, 200A
E-25	EAST WASHINGTON AVENUE AT BALDWIN STREET	MG&E	CENTER (B2)	350	120/208V, 1P, 3W, 200A
E-26	EAST WASHINGTON AVENUE AT FIRST STREET	MG&E	CENTER (B1)	440	120/240V, 1P, 3W, 200A
E-27	EAST WASHINGTON AVENUE AT FOURTH STREET	MG&E	CENTER (B2)	370	120/240V, 1P, 3W, 200A
E-28A	EAST WASHINGTON AVENUE AT MILWAUKEE-NORTH STREET (WB)	MG&E	CURBSIDE CENTER (A5)	540	120/240V, 1P, 3W, 200A
E-28B	EAST WASHINGTON AVENUE AT MILWAUKEE-NORTH STREET (EB)	MG&E	CURBSIDE CENTER (A5)	300	120/240V, 1P, 3W, 200A
E-29	EAST WASHINGTON AVENUE AT MARQUETTE STREET	MG&E	CENTER (B2)	370	120/240V, 1P, 3W, 200A
E-30	EAST WASHINGTON AVENUE AT MELVIN COURT-RETHKE AVENUE	MG&E	CENTER (B2)	410	120/240V, 1P, 3W, 200A
E-31	EAST WASHINGTON AVENUE AT WRIGHT STREET - FAIR OAKS AVENUE	MG&E	CENTER (B1)	280	120/240V, 1P, 3W, 200A
E-32	WRIGHT STREET AT ANDERSON STREET WB	MG&E	CURBSIDE - ISLAND (A2)	250	120/240V, 1P, 3W, 400A (CT)
E-32	WRIGHT STREET AT ANDERSON STREET EB	MG&E	CURBSIDE - ISLAND (A1)	270	
E-33A	EAST WASHINGTON AVENUE AT MENDOTA STREET WB	MG&E	REDUCED CURBSIDE (A4)	210	120/240V, 1P, 3W, 200A
E-33B	EAST WASHINGTON AVENUE AT MENDOTA STREET EB	MG&E	CURBSIDE - ISLAND (A1)	230	120/240V, 1P, 3W, 200A
E-34A	EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE WB	MG&E	CURBSIDE - ISLAND (A1)	180	120/240V, 1P, 3W, 200A
E-34B	EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE EB	MG&E	CURBSIDE - ISLAND (A1)	230	120/208V, 1P, 3W, 200A
E-35A	EAST WASHINGTON AVENUE AT INDEPENDENCE LANE WB	MG&E	CURBSIDE - ISLAND (A1)	230	120/240V, 1P, 3W, 400A (CT)
E-35B	EAST WASHINGTON AVENUE AT INDEPENDENCE LANE EB	MG&E	CURBSIDE - ISLAND (A1)	240	
E-36A	EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE WB	MG&E	CURBSIDE - ISLAND (A1)	260	120/208V, 1P, 3W, 200A
E-36B	EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE EB	MG&E	CURBSIDE - ISLAND (A2)	200	120/208V, 1P, 3W, 200A
E-37	HANSON ROAD TEST PLATFORM	MG&E	NO CANOPY	0	N/A - NO POWER NEEDED
E-38	SUN PRAIRIE PARK AND RIDE	SUN PRAIRIE UTILITIES	NO CANOPY	0	480/277V, 3P, 4W, 800A
TOTAL:				13840	

NOTE: CONTRACTOR TO COMPLETE UTILITY SERVICE REQUESTS FOR ALL BRT PLATFORM LOCATIONS.

6/20/23
4/24/23
3/15/23
11/07/22

RJS
AE
AE
RJS

PLAN REVISION 4
PLAN REVISION 3
PLAN REVISION 2
ADDENDUM 3

REVISION
DATE

BY

Scale:
60631225P

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

ELECTRICAL DETAILS

BUS RAPID TRANSIT

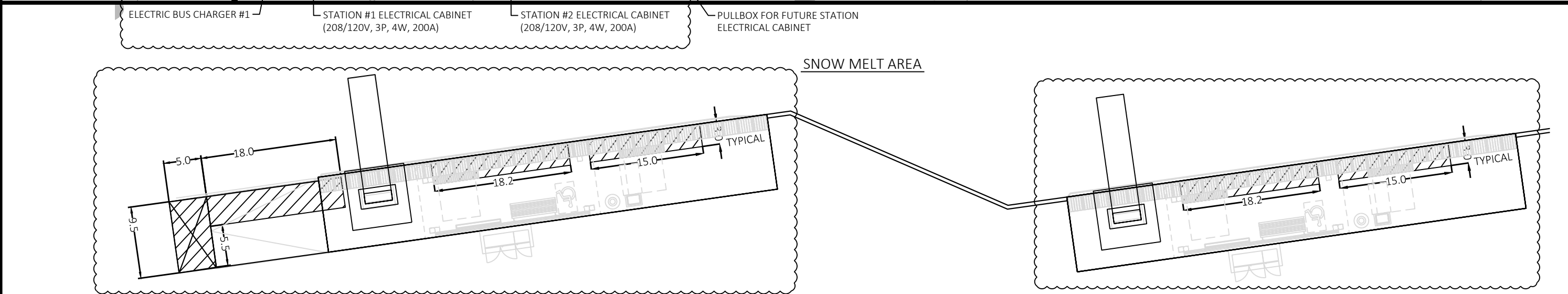
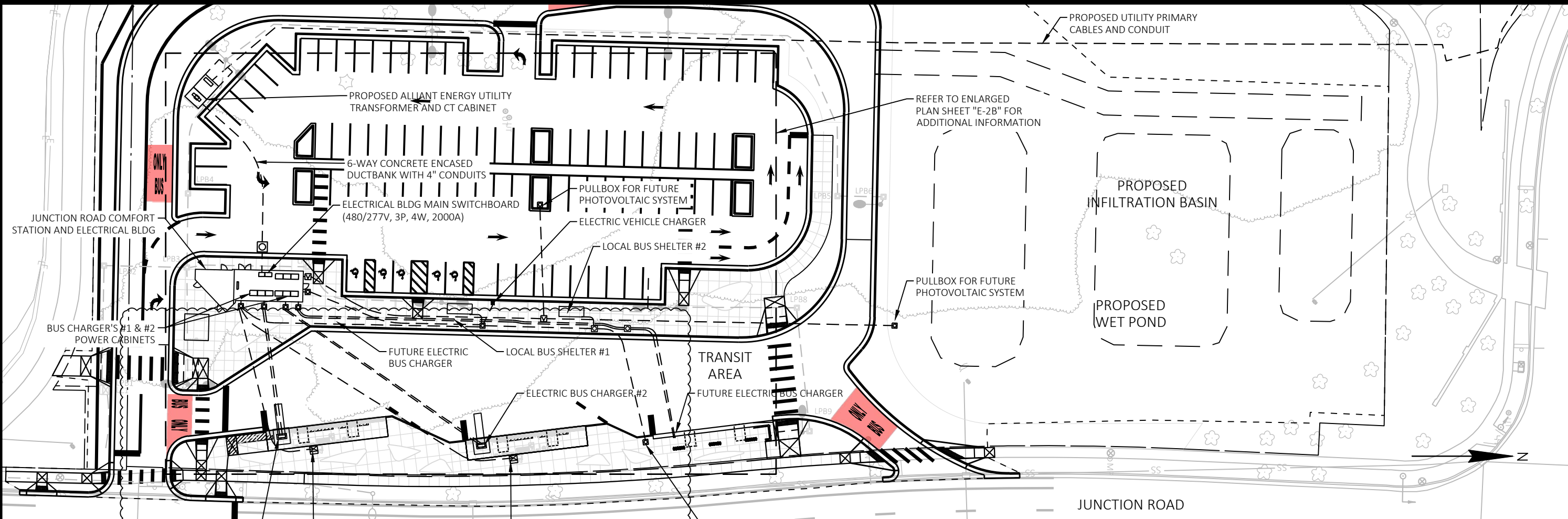
CITY OF MADISON



60631225P

E-1R

FILE NAME : C:\PWORKING\AECOM_DS20_NA_2019\TYLER.TKACHUK@AECOM.COM\DSMS86348\023000_EP_CD.DWG
LAYOUT NAME - 18
LAST PLOT DATE - 2023-06-20



ELECTRICAL PLAN LEGEND

- NONMETALLIC CONDUIT 3", UNLESS OTHERWISE NOTED
- - - CONDUIT SPECIAL 3", UNLESS OTHERWISE NOTED
- ELECTRICAL PULL BOX TYPE 1
- ▣ ELECTRICAL PULL BOX TYPE 5
- ▨ SNOW MELT AREA
- ⊠ ELECTRICAL SERVICE METER BREAKER PEDESTAL
- ⊞ ELECTRICAL SERVICE BREAKER DISCONNECT BOX
- ELECTRICAL SERVICE CT CABINET
- ⊞ PLATFORM ELECTRICAL CABINET

NOTES:

1. COORDINATE EXACT METER BREAKER PEDESTAL AND CT CABINET LOCATION WITH UTILITY.
2. SNOW MELT SHALL BE OFFSET 1' FROM ALL OBSTRUCTIONS.
3. SNOW MELT SECTIONS ON THE BRT PLATFORM SHALL EXTEND 3' FROM EDGE OF PLATFORM.
4. LOCATE SNOW MELT AROUND PEDESTRIAN HANDRAIL ANCHORAGE.

SCALE 10:1

REVISED BY RJS 6/20/2023

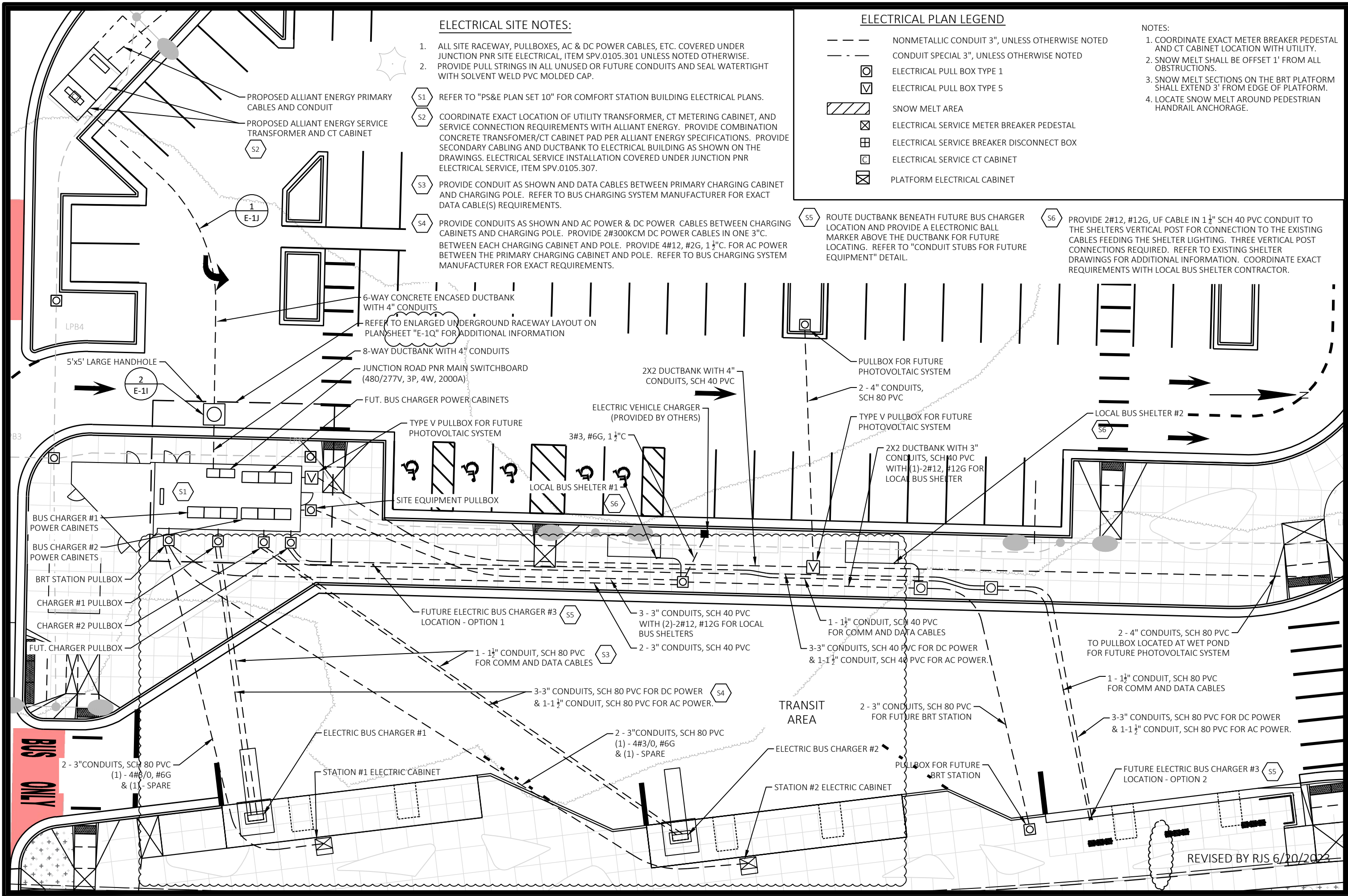
60631225P	60631225P	60631225P
ELECTRICAL PLAN: WESTERN TERMINAL - JUNCTION ROAD	CITY OF MADISON	CONTRACT NO: 60631225C
BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI	
60631225P	E-2A	

FILE NAME : C:\P\WORKING\AECOM_DS20_INA_2019\ANDREW.TIMCO\AECOM\DWG\586348\023001-EP.DWG
LAYOUT NAME - 023002A

6/20/23
DATE
RJS
BY

PLAN REVISION 4
REVISION
Designed By: AECOM
Date: 2023-06-28
60631225P

Scale: 1 IN=50 FT



ELECTRICAL SITE NOTES:

- ALL SITE RACEWAY, PULLBOXES, AC & DC POWER CABLES, ETC. COVERED UNDER JUNCTION PNR SITE ELECTRICAL, ITEM SPV.0105.301 UNLESS NOTED OTHERWISE.
 - PROVIDE PULL STRINGS IN ALL UNUSED OR FUTURE CONDUITS AND SEAL WATERTIGHT WITH SOLVENT WELD PVC MOLDED CAP.
- S1 REFER TO "PS&E PLAN SET 10" FOR COMFORT STATION BUILDING ELECTRICAL PLANS.
- S2 COORDINATE EXACT LOCATION OF UTILITY TRANSFORMER, CT METERING CABINET, AND SERVICE CONNECTION REQUIREMENTS WITH ALLIANT ENERGY. PROVIDE COMBINATION CONCRETE TRANSFORMER/CT CABINET PAD PER ALLIANT ENERGY SPECIFICATIONS. PROVIDE SECONDARY CABLING AND DUCTBANK TO ELECTRICAL BUILDING AS SHOWN ON THE DRAWINGS. ELECTRICAL SERVICE INSTALLATION COVERED UNDER JUNCTION PNR ELECTRICAL SERVICE, ITEM SPV.0105.307.
- S3 PROVIDE CONDUIT AS SHOWN AND DATA CABLES BETWEEN PRIMARY CHARGING CABINET AND CHARGING POLE. REFER TO BUS CHARGING SYSTEM MANUFACTURER FOR EXACT DATA CABLE(S) REQUIREMENTS.
- S4 PROVIDE CONDUITS AS SHOWN AND AC POWER & DC POWER CABLES BETWEEN CHARGING CABINETS AND CHARGING POLE. PROVIDE 2#300KCM DC POWER CABLES IN ONE 3"C. BETWEEN EACH CHARGING CABINET AND POLE. PROVIDE 4#12, #2G, 1 1/2"C. FOR AC POWER BETWEEN THE PRIMARY CHARGING CABINET AND POLE. REFER TO BUS CHARGING SYSTEM MANUFACTURER FOR EXACT REQUIREMENTS.

ELECTRICAL PLAN LEGEND

- NONMETALLIC CONDUIT 3", UNLESS OTHERWISE NOTED
- - - CONDUIT SPECIAL 3", UNLESS OTHERWISE NOTED
- ELECTRICAL PULL BOX TYPE 1
- ELECTRICAL PULL BOX TYPE 5
- ▨ SNOW MELT AREA
- ⊗ ELECTRICAL SERVICE METER BREAKER PEDESTAL
- ⊞ ELECTRICAL SERVICE BREAKER DISCONNECT BOX
- ELECTRICAL SERVICE CT CABINET
- ⊞ PLATFORM ELECTRICAL CABINET

NOTES:

- COORDINATE EXACT METER BREAKER PEDESTAL AND CT CABINET LOCATION WITH UTILITY.
- SNOW MELT SHALL BE OFFSET 1' FROM ALL OBSTRUCTIONS.
- SNOW MELT SECTIONS ON THE BRT PLATFORM SHALL EXTEND 3' FROM EDGE OF PLATFORM.
- LOCATE SNOW MELT AROUND PEDESTRIAN HANDRAIL ANCHORAGE.

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

ELECTRICAL PLAN: WESTERN TERMINAL

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

E-2B

A diagram of a 24-foot wide bus lane. The lane is divided into two 8-foot travel lanes by a central 8-foot shoulder. The words "BUS" and "ONLY" are written vertically on the right side of the lane. Arrows indicate traffic flow from both directions.

- COLORING CONCRETE WISDOT RED IS NOT OVERLAIN WITH PAVEMENT MARKING EPOXY (RED)
- SEE PLANS FOR CROSSWALK TYPES

***** SYMBOLS / WORDS INCLUDED WHEN SHOWN ON PLANS

The diagram illustrates a two-lane bus stop layout. It shows a cross-section of a road with a central median. On each side of the median, there is a bus lane and a through lane. The bus lanes are marked with red pavement and white text reading "BUS ONLY" and a white arrow pointing forward. The through lanes are marked with white pavement and white arrows pointing forward. Dimensions are indicated by arrows: 15' for the bus lane, 15' for the through lane, 10' for the median, 10' for the bus lane, and 75' for the through lane. A "VARIES" label is placed between the bus lane and the through lane on the right side. Callouts point to specific details: "INCLUDE RED LINE LEFT OF LANE LINE WHERE PARKING, BIKE, OR THRU LANE OCCURS ON RIGHT SIDE OF THE BUS LANE." and "MIDBLOCK MARKING DETAIL. INCLUDE ONLY WHERE SHOWN ON PLAN."

15' 15' 10' 10' VARIES 75'

BUS ONLY * >>>

BUS ONLY * >>>

ONLY *

ONLY *

INCLUDE RED LINE LEFT OF LANE LINE WHERE PARKING, BIKE, OR THRU LANE OCCURS ON RIGHT SIDE OF THE BUS LANE.

MIDBLOCK MARKING DETAIL. INCLUDE ONLY WHERE SHOWN ON PLAN.

Diagram illustrating a four-lane road with a center turn lane, showing various lane markings and dimensions. The diagram includes a 15' shoulder on the left, a 15' shoulder on the right, and a center turn lane. Lane markings include "ONLY BUS" and "ONLY" with arrows. Dimensions include "VARIES", "75' (TYP.)", and "15'".

INCLUDE MIDBLOCK MARKING WHERE SHOWN ON THE PLAN. SEE CENTER RUNNING LANES LEFT TURN LANE ON THE RIGHT FOR LAYOUT

INCLUDE WHEN FULL WIDTH RED LANE EXCEEDS 150'. INCLUDE ONLY WHERE SHOWN ON PLAN.

Diagram illustrating the layout of a bus lane with various markings and dimensions:

- Dimensions:**
 - 15' (Left of first bus lane)
 - 15' (Between first and second bus lane)
 - 10' (Between second and third bus lane)
 - 10' (Between third bus lane and right edge)
 - VARIES (Distance from right edge to end of lane)
- Markings:**
 - Red Line:** A red line is shown on the left side of the bus lane, indicating the start of the lane.
 - Bus Lane Markings:** The bus lane is marked with "BUS ONLY" and a bus icon with a red arrow pointing right.
 - Midblock Marking Detail:** A detail showing a red line and a bus icon with a red arrow pointing right, indicating the start of the lane.

INCLUDE RED LINE LEFT OF LANE LINE WHERE PARKING, BIKE, OR THRU LANE OCCURS ON RIGHT SIDE OF THE BUS LANE.

MIDBLOCK MARKING DETAIL. INCLUDE ONLY WHERE SHOWN ON PLAN.

---	PLAN REVISION 4	4/28/23	JBH
MARK	REVISION	DATE	BY
Designed By: KL ENG		Date: 2023-05-09	Scale: NTS
60631225P			

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

PAVEMENT MARKING DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P

PMD-1

FILE NAME : G:\AECOM\20063-000 MADISON BR\3D\SHEET\OTHER\SIGN PLATES AND DETAILS\024500A-PM.DWG
LAYOUT NAME - PMD1
LAST PLOT DATE - 2023-05-09

The diagram illustrates a transit station platform layout with the following dimensions and zones:

- Red Zones (Bus Only):** Two red rectangular zones labeled "ONLY BUS". The first zone is 15' wide, and the second zone is 10' wide.
- White Zones (General Use):** Two white rectangular zones, each 15' wide, located between the red zones.
- Varies Zone:** A section labeled "VARIES" with a curved arrow indicating a 90-degree turn, located between the second red zone and the final white zone.
- Final White Zone:** A final white rectangular zone, 75' wide, located at the end of the platform.
- Dimensions:** The total length of the platform is 150'. The dimensions are: 15' (first red zone), 15' (first white zone), 10' (second red zone), 10' (second white zone), VARIES (curved arrow), and 75' (final white zone).
- Other Features:** A "ONLY" sign with an asterisk (*) is located near the curved arrow. A curved arrow is also shown in the final white zone.

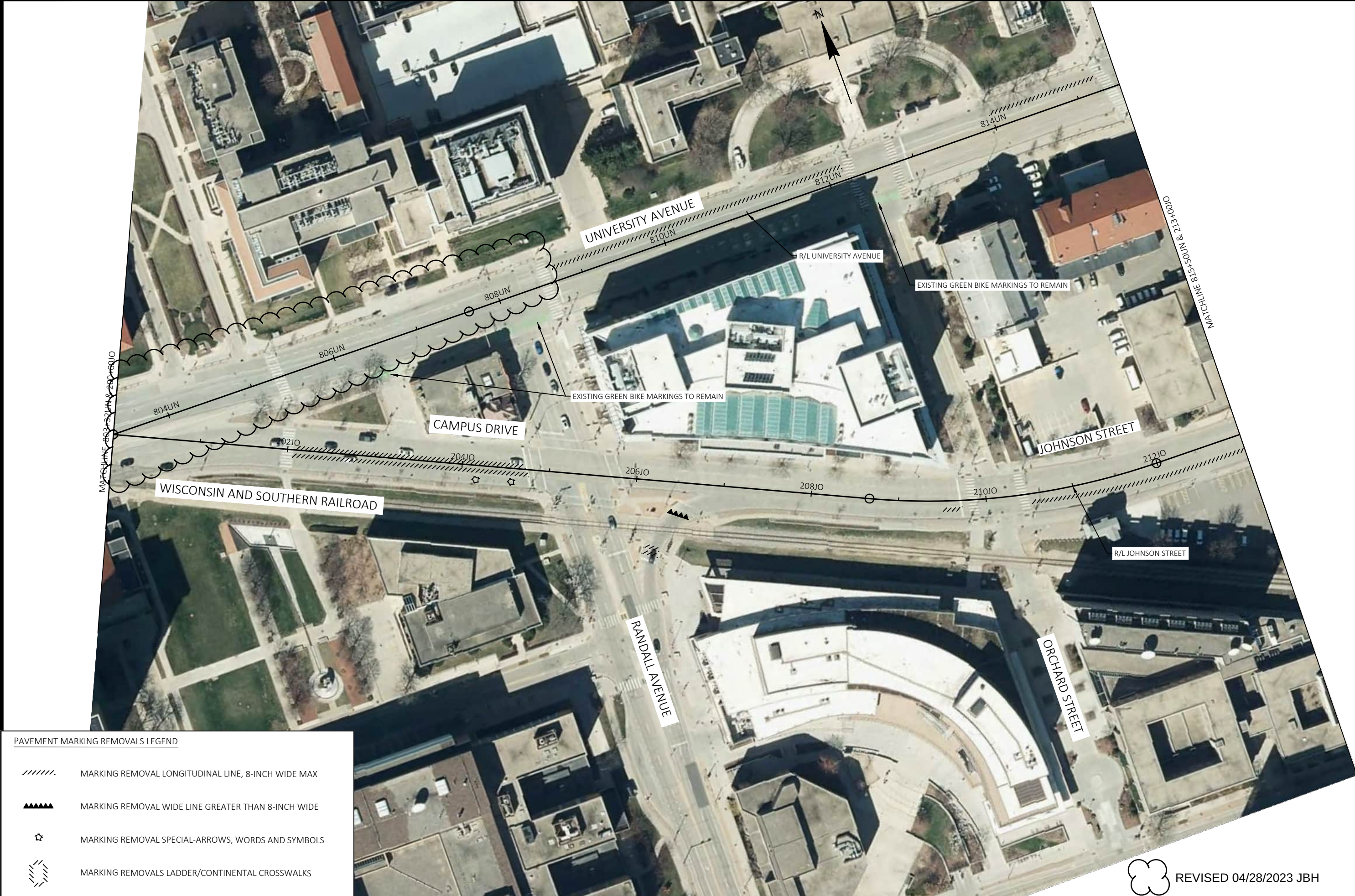
Diagram illustrating a three-lane bus stop layout. The top lane is a bus stop lane, divided into three sections. The first and third sections are labeled "ONLY BUS" and are 15' wide. The middle section is labeled "VARIES". The middle lane is a through lane. The bottom lane is a through lane. The diagram shows a cross-section of a road with a bus stop on the left side.

Diagram illustrating a bus lane configuration. The lane is marked with white dashed lines and labeled "ONLY BUS". The lane width is indicated as 15' on the left and 15' on the right. The lane length is indicated as 75'. The lane is labeled "VARIES*" and "ONLY BUS". The lane is marked with white dashed lines and labeled "ONLY BUS". The lane width is indicated as 15' on the left and 15' on the right. The lane length is indicated as 75'. The lane is labeled "VARIES*" and "ONLY BUS".

SKID/SLIP RESISTANT PREFORMED

--		PLAN REVISION 4				04/28/23	JBH
MARK		REVISION				DATE	BY
						Scale: NTS	
Designed By: KL ENG 60631225P							Date: 2023-04-27

PMD-2



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 04/28/2023 JBH

60631225P		CITY OF MADISON		PAVEMENT MARKING REMOVALS	
BUS RAPID TRANSIT		CITY OF MADISON, DANE COUNTY, WI		60631225P	
CONTRACT NO: 60631225C		CITY OF MADISON		MR30-W	
G:\AECOM\20063-000 MADISON BR\TYCIVIL 30\3SHEET\OTHER\WEST\024501-PM - REMOVALS.DWG		LAYOUT NAME - J01-30W		FILE NAME :	
LAST PLOT DATE - 2023-04-27		DATE		BY	
04/28/23		JBH		04/28/23	
REVISION		PLAN REVISION 4		REVISION	
Date: 2023-04-27		Date: 2023-04-27		Date: 2023-04-27	
60631225P		60631225P		60631225P	
Designed By: KL ENG		Designed By: KL ENG		Designed By: KL ENG	
Scale: 1"=100 FT		Scale: 1"=100 FT		Scale: 1"=100 FT	

MARKING LEGEND

- | | |
|----|---|
| 1 | MARKING LINE EPOXY 4-INCH (SOLID WHITE) |
| 2 | MARKING LINE EPOXY 4-INCH (SOLID YELLOW) |
| 3 | MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW) |
| 4 | PAVEMENT MARKING EPOXY, LINE, 6-INCH (10' LINE 30' GAP)(WHITE) |
| 5 | PAVEMENT MARKING EPOXY, LINE, 8-INCH (SOLID WHITE) |
| 6 | PAVEMENT MARKING EPOXY, LINE, 8-INCH (SOLID RED) |
| 7 | PAVEMENT MARKING EPOXY, LINE, 8-INCH (2' LINE 6' GAP)(WHITE) |
| 8 | PAVEMENT MARKING EPOXY, LINE, 8-INCH (2' LINE 6' GAP)(RED) |
| 9 | PAVEMENT MARKING EPOXY, LINE, 8-INCH (5' LINE 5' GAP)(WHITE) |
| 10 | PAVEMENT MARKING EPOXY, DIAGONAL LINE, 4-INCH (SOLID WHITE) |
| 11 | PAVEMENT MARKING EPOXY, DIAGONAL LINE, 8-INCH (SOLID WHITE) |
| 12 | PAVEMENT MARKING EPOXY, RADIUS LINE, 5-INCH (5' LINE, 5' GAP)(WHITE) |
| 13 | PAVEMENT MARKING EPOXY, RADIUS LINE, 5-INCH (5' LINE, 5' GAP)(YELLOW) |
| 14 | MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (SOLID WHITE) |
| 15 | MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (SOLID WHITE) |
| 16 | PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH (WHITE) |
| 17 | PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH (SOLID WHITE) |
| 18 | MARKING CURB EPOXY (YELLOW) |
| 19 | MARKING ISLAND NOSE EPOXY (YELLOW) |
| 20 | MARKING SYMBOL EPOXY (WHITE) |
| 21 | MARKING ARROW EPOXY (WHITE) |
| 22 | MARKING WORD EPOXY (WHITE) |
| 23 | LANE DROP ARROW (WHITE) |
| 24 | MARKING RAILROAD CROSSING EPOXY (WHITE) |
| 25 | MARKING LINE SPECIAL EPOXY 8-INCH (18" LINE 17" GAP)(WHITE) |
| 26 | MARKING PARKING STALL EPOXY (4-INCH WHITE) |
| 27 | METHYL METHACRYLATE (RED) |
| 28 | COLORING CONCRETE WISDOT RED* |

- | | |
|----|---|
| 29 | MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (WHITE) |
| 30 | MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 4-INCH (10' LINE 30' GAP)(WHITE) |
| 31 | MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (WHITE) |
| 32 | MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (2' LINE 6' GAP)(WHITE) |
| 33 | MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY 8-INCH (5' LINE 5' GAP)(WHITE) |
| 34 | SKID/SLIP RESISTANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN |
| 35 | SKID/SLIP RESISTANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE |
| 36 | MARKING YIELD LINE EPOXY 18-INCH (WHITE) |

GENERAL NOTES:

- LANE WIDTH LABELS ARE FROM THE FLAG OF CURB TO THE CENTER OF MARKINGS UNLESS OTHERWISE NOTED, ADJUST AS NEEDED TO AVOID JOINT LINES. ENGINEER WILL COORDINATE MARKING LOCATIONS.
- SEE CITY OF MADISON SDD 'PAVEMENT MARKING DETAILS , PAGE 1-4' FOR MAINLINE,CROSSWALK, CURB, BIKE LANE, AND RESTRICTED TRAFFIC LANE MARKINGS.
- SEE CONSTRUCTION DETAILS FOR PLATFORM CURB FACE MARKINGS.
- SEE WISDOT SDD 'PAVEMENT MARKING (TURN LANES)' FOR WORD AND ARROW PLACEMENT AT INTERSECTIONS, EXCEPT FOR LANE DROP ARROWS. PLACE LANE DROP ARROWS AS SHOWN ON THE PLANS.
- SEE WISDOT SDD 'PAVEMENT MARKING ARROWS' TYPE 5 LANE DROP ARROW DETAIL FOR LANE DROP ARROWS.
- MARKING LINE GROOVED WET REFLECTIVE CONTRAST EPOXY: SEE WISDOT SDD 'PERMANENT LONGITUDINAL PAVEMENT MARKINGS' FOR MARKING WIDTH. SEE CITY OF MADISON SDD 'PAVEMENT MARKING DETAILS PAGE 1' FOR MARKING SPACING.
- SEE WISDOT SDD 'PARKING STALL MARKING' FOR WEST TERMINAL/JUNCTION ROAD.
- *COLORING CONCRETE WISDOT RED (28) IS SHOWN ON THE PAVEMENT MARKING PLAN FOR REFERENCE ONLY. SEE SITE PLAN FOR DETAILS

 REVISED 5/30/23 JAL

MARK	PLAN REVISION 4	5/30/23	JAL
	REVISION	DATE	BY
Designed By: KL ENG	Date: 2023-05-25	Scale: 1"=100 FT	
60631225P			

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PAVEMENT MARKING

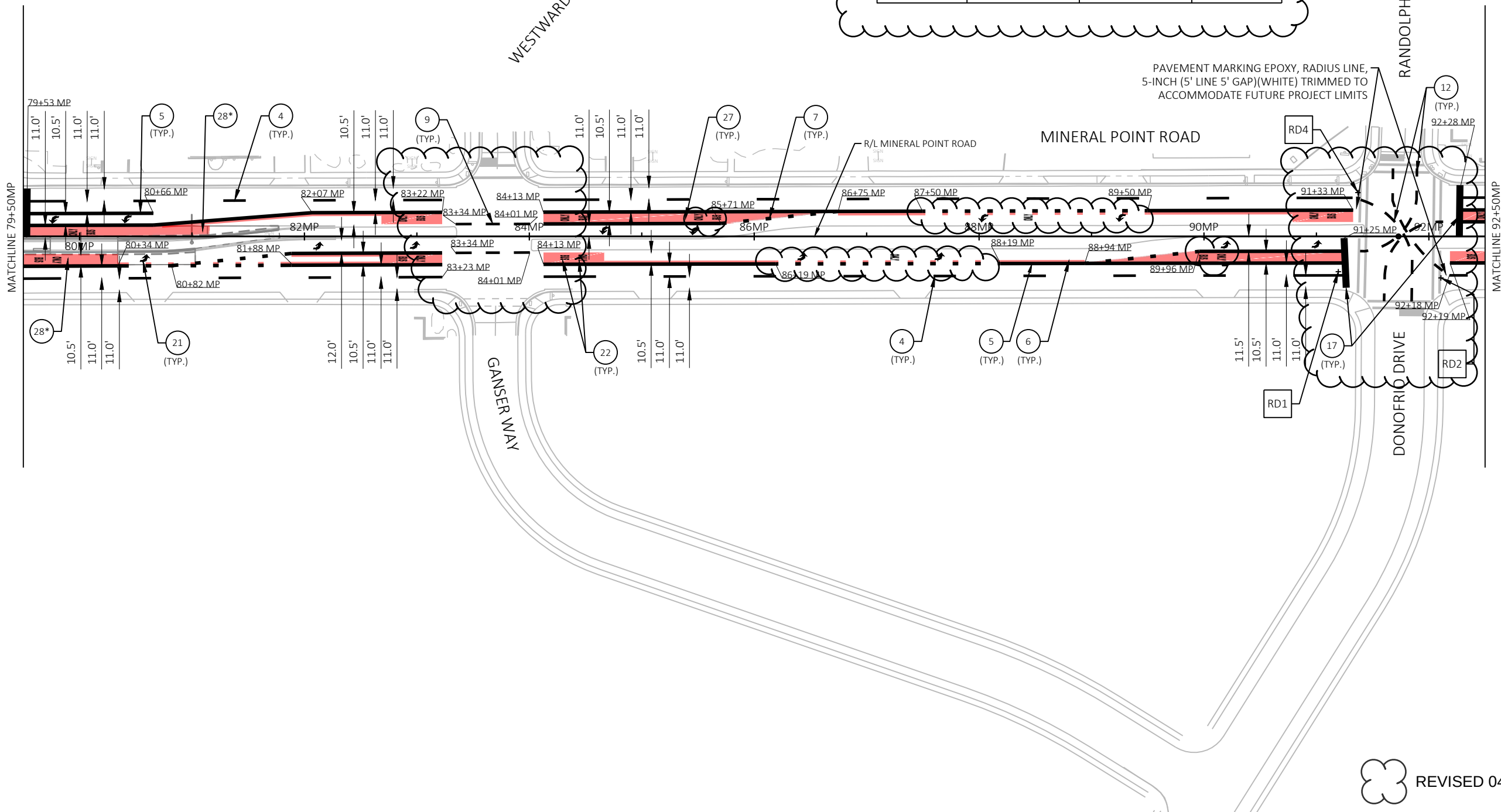
BUS RAPID TRANSIT

CITY OF MADISON



60631225F

M-LEG



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
RD1	91+19.45 MP	31.38' RT	67'-0"
RD2	92+10.66 MP	36.89' RT	50'-0"
RD4	91+36.90 MP	39.02' LT	52'-6"

PAVEMENT MARKING EPOXY, RADIUS LINE,
5-INCH (5' LINE 5' GAP)(WHITE) TRIMMED TO
ACCOMMODATE FUTURE PROJECT LIMITS



REVISED 04/28/2023 JBH

PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

M4-W

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4

04/28/23

JBH

REVISION

DATE

BY

MARK

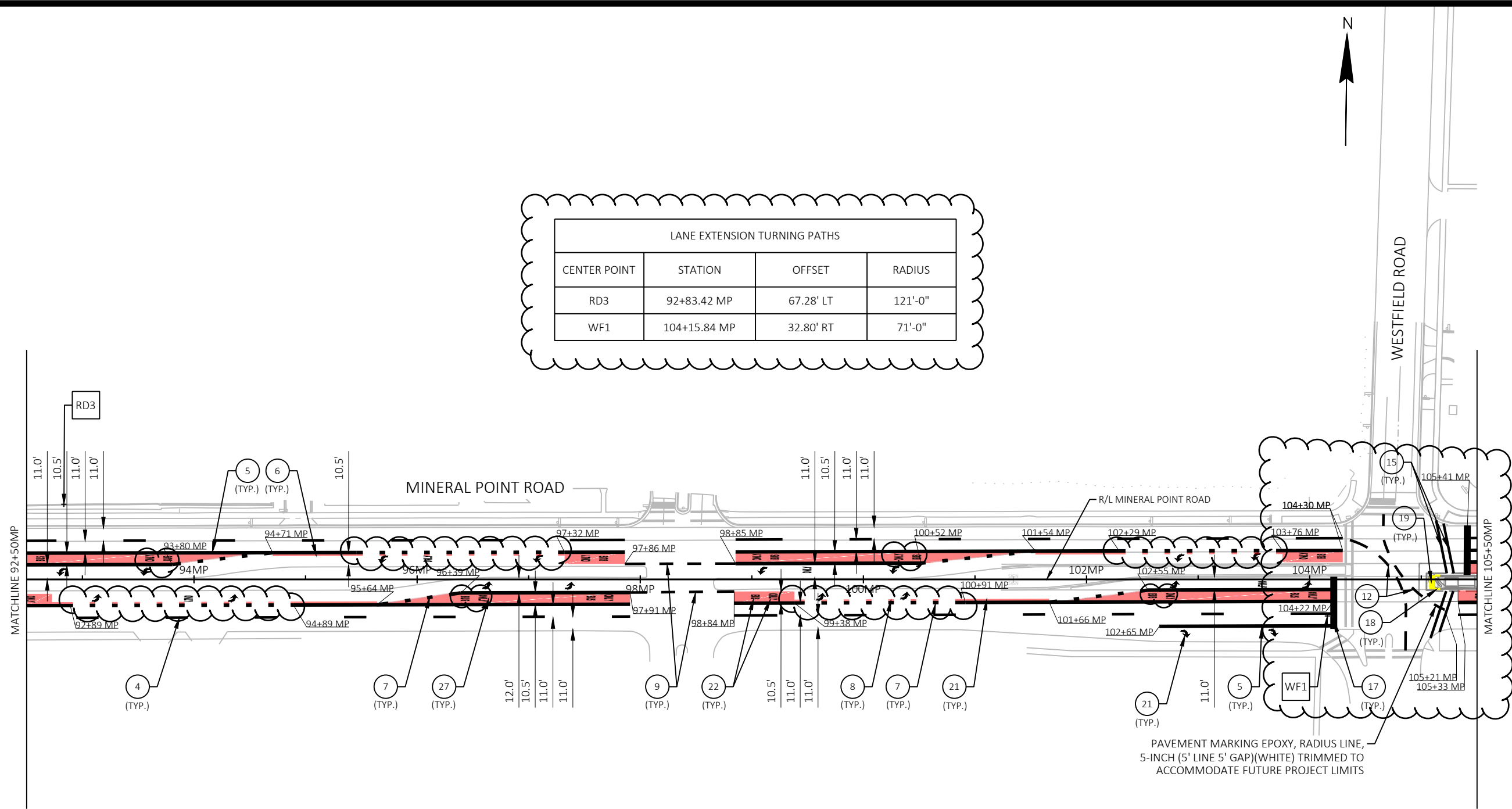
Designed By: KL ENG

Date: 2023-05-09

60631225P

Scale: 1"=100 FT

FILE NAME : G:\AECOM\20063-000 MADISON BR\TYCIVIL 3D\SHEETS\OTHER\WEST\024501-PM.DWG
LAYOUT NAME - MP02
LAST PLOT DATE : 2023-06-09



REVISED 04/28/2023 JBH

PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

60631225C

M5-W

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4

REVISION

DATE: 2023-05-09

BY: JBH

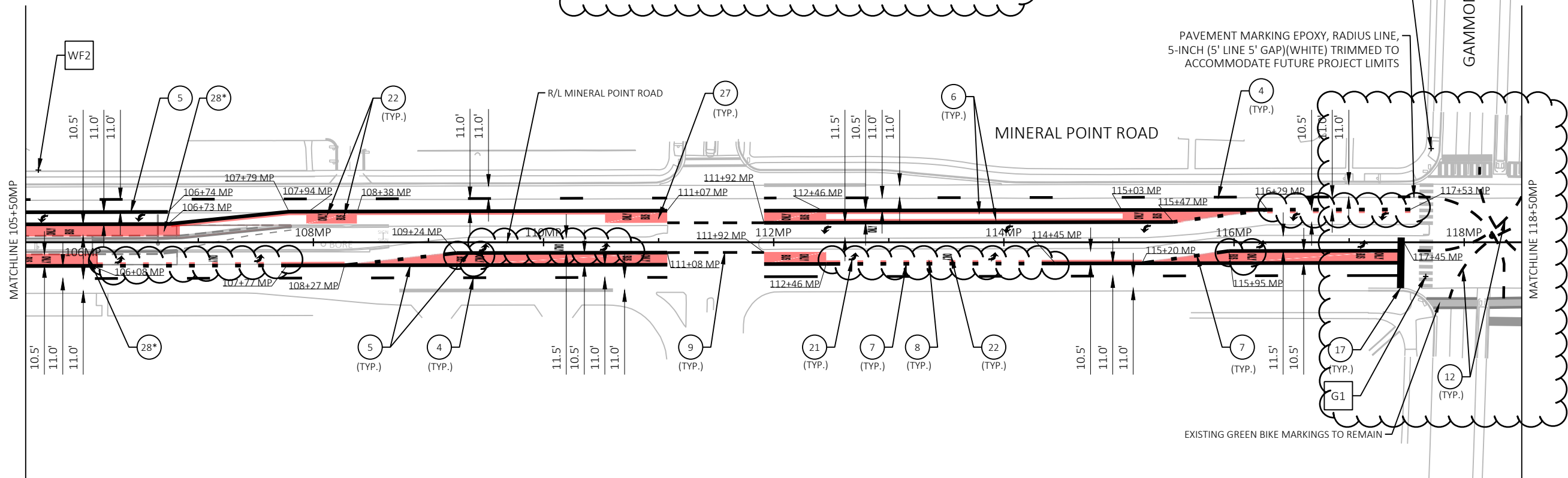
Scale: 1"=100 FT

MARK

Designed By: KL ENG

60631225P





LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
WF2	105+61.04 MP	62.70' LT	98'-6"
G1	117+66.50 MP	29.77' RT	69'-0"
G4	117+71.24 MP	81.33' LT	89'-0"



60631225P	PLAN REVISION 4	DATE	04/28/23	BY	JBH
MARK	REVISION	DATE	2023-05-09	Scale:	1"=100 FT
Designed By: KL ENG 60631225P					

PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

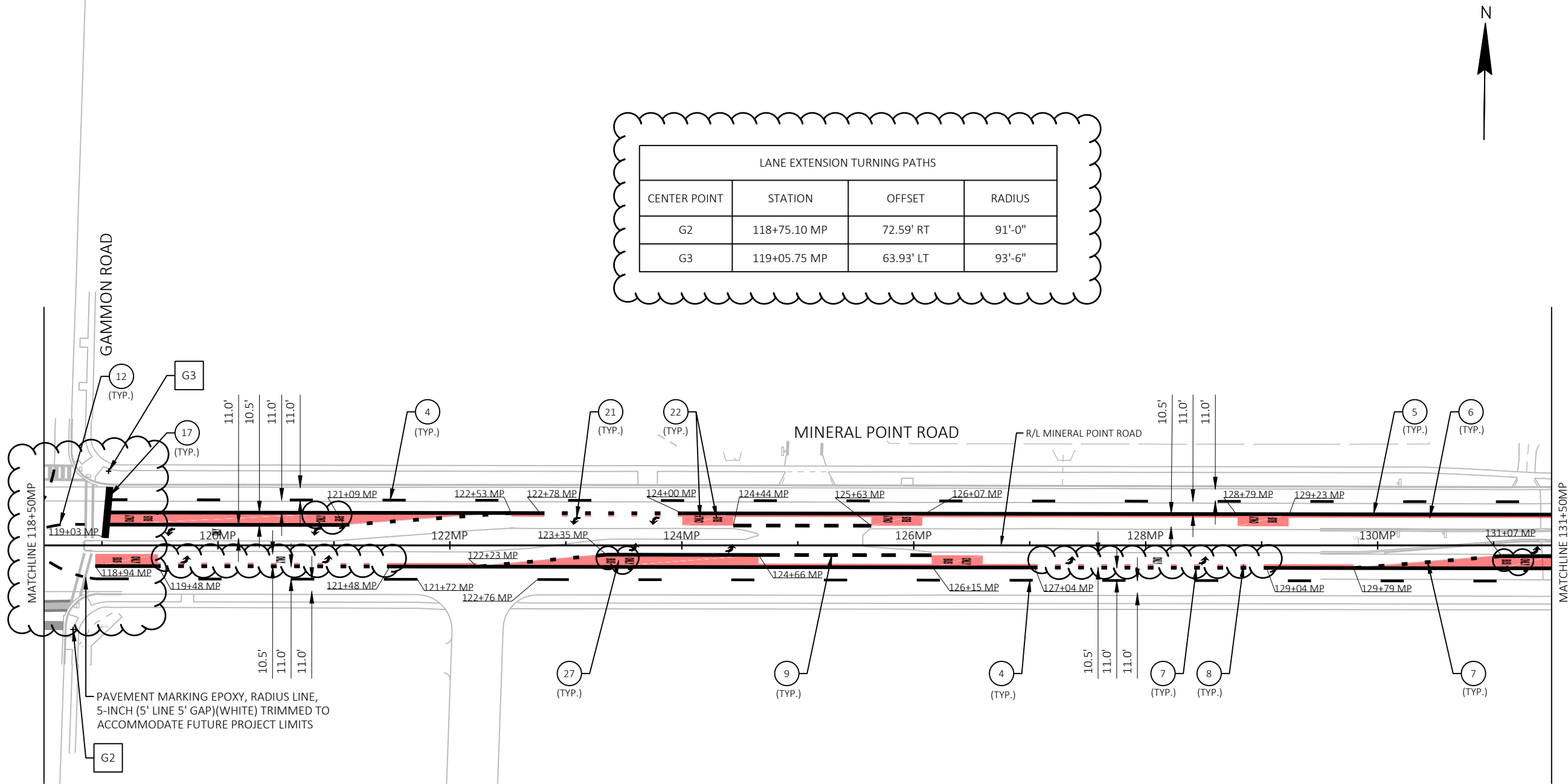
60631225C

CITY OF MADISON, DANE COUNTY, WI



60631225P

M6-W



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
G2	118+75.10 MP	72.59' RT	91'-0"
G3	119+05.75 MP	63.93' LT	93'-6"

PAVEMENT MARKING EPOXY, RADIUS LINE, 5-INCH (5' LINE 5' GAP)(WHITE) TRIMMED TO ACCOMMODATE FUTURE PROJECT LIMITS

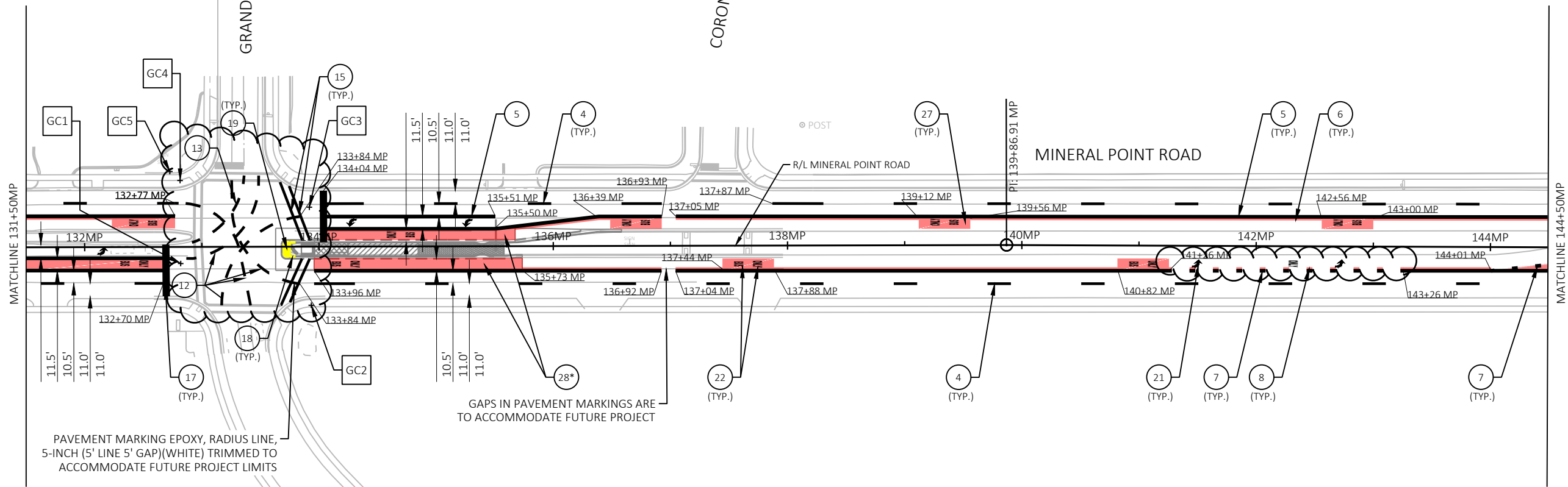


REVISED 04/28/2023 JBH

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

MARK	PLAN REVISION 4	DATE	BY
Designed By: KL ENG	REVISION	04/28/23	JBH
60631225P	Date: 2023-05-09	Scale: 1"=100 FT	

60631225P
M7-W



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PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

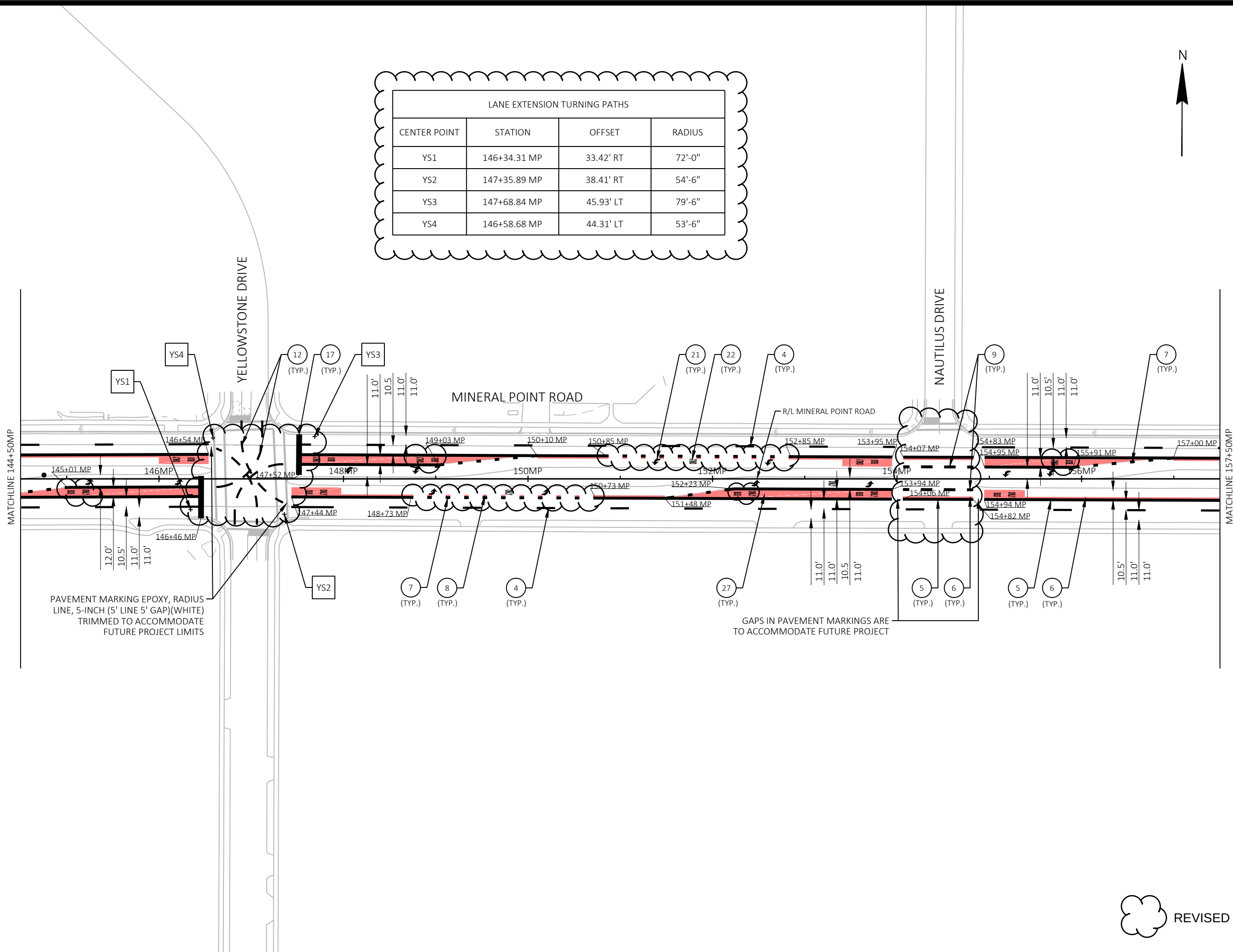
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

M8-W



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
YS1	146+34.31 MP	33.42' RT	72'-0"
YS2	147+35.89 MP	38.41' RT	54'-6"
YS3	147+68.84 MP	45.93' LT	79'-6"
YS4	146+58.68 MP	44.31' LT	53'-6"



PAVEMENT MARKING EPOXY, RADIUS LINE, 5-INCH (5' LINE 5' GAP)(WHITE) TRIMMED TO ACCOMMODATE FUTURE PROJECT LIMITS

GAPS IN PAVEMENT MARKINGS ARE TO ACCOMMODATE FUTURE PROJECT



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PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

M9-W

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4

DATE 04/28/23

BY JBH

REVISION

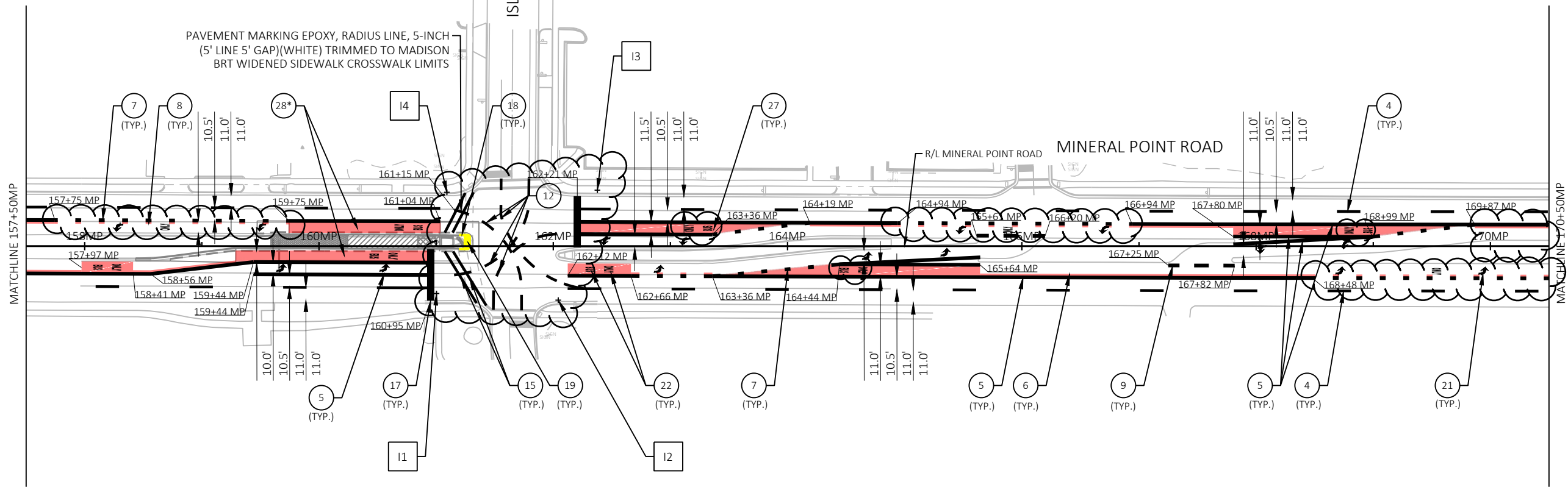
Date: 2023-05-09

Scale: 1"=100 FT

MARK

Designed By: KL ENG

60631225P



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
I1	161+00.34 MP	40.44' RT	73'-0"
I2	162+04.28 MP	46.12' RT	56'-6"
I3	162+37.68 MP	47.89' LT	85'-0"
I4	161+09.21 MP	46.07' LT	71'-0"

PAVEMENT MARKING EPOXY, RADIUS LINE, 5-INCH
(5' LINE 5' GAP)(WHITE) TRIMMED TO MADISON
BRT WIDENED SIDEWALK CROSSWALK LIMITS



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PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

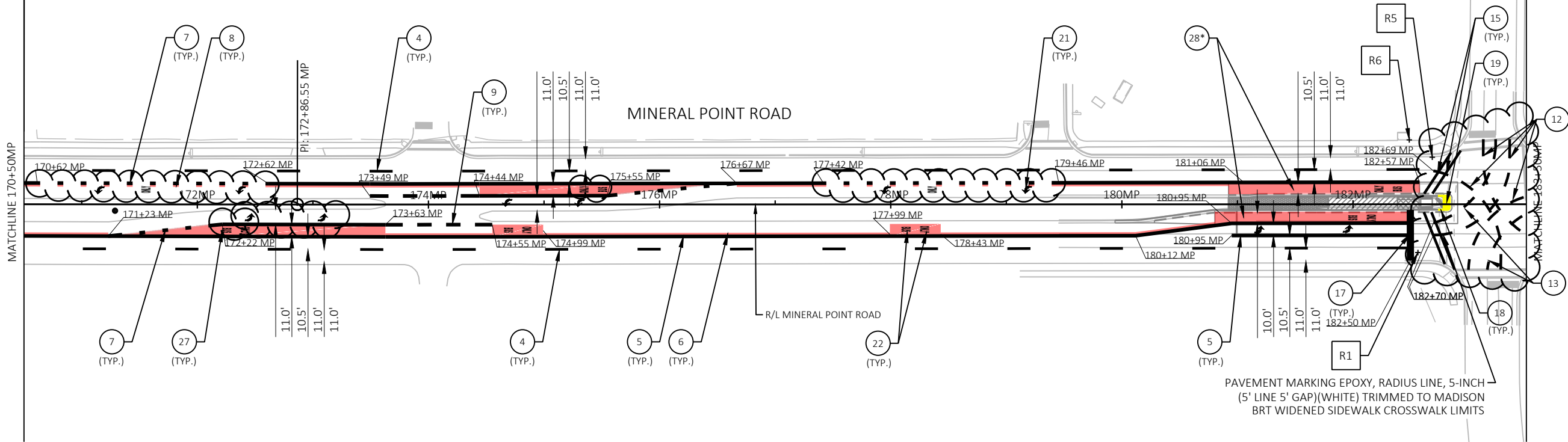
CONTRACT NO: 60631225C



60631225P

M10-W

MARK	DESIGNED BY: KL ENG	DATE: 2023-05-09	Scale: 1"=100 FT
REVISION	PLAN REVISION 4	DATE	BY
		04/28/23	JBH



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
R1	182+56.12 MP	41.85' RT	72'-0"
R5	182+68.57 MP	40.69' LT	67'-6"
R6	182+48.68 MP	55.74' LT	75'-0"



REVISED 04/28/2023 JBH

PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

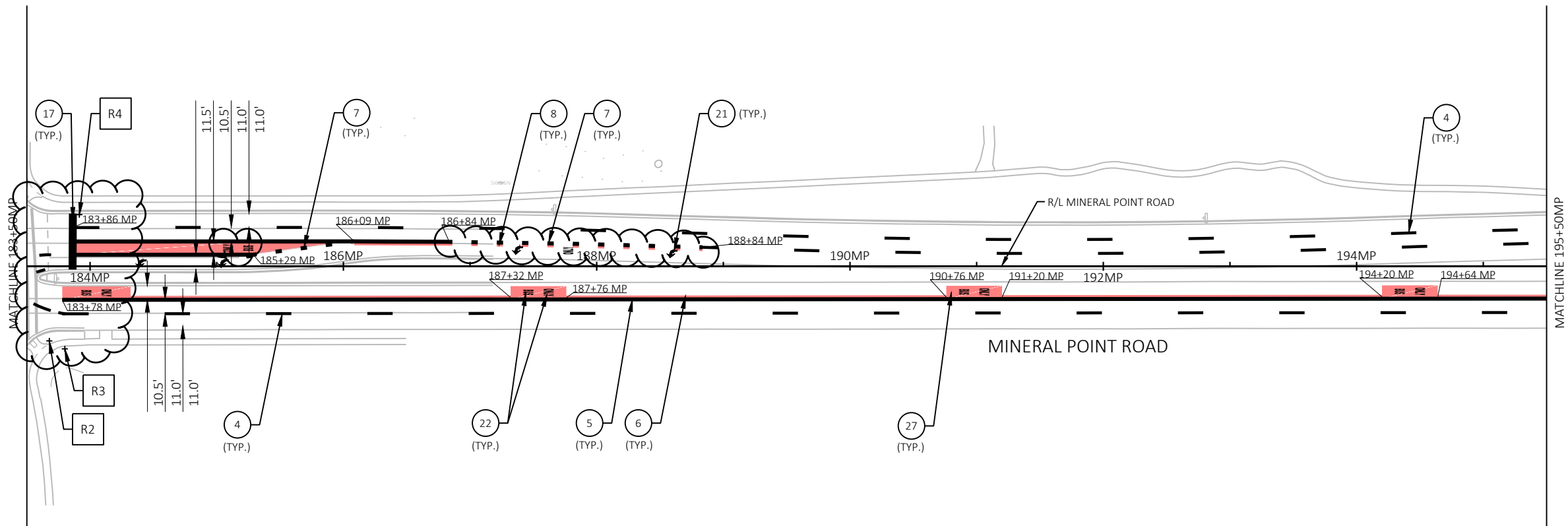
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

M11-W



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
R2	183+67.77 MP	58.92' RT	68'-0"
R3	183+80.07 MP	65.23' RT	64'-6"
R4	183+91.48 MP	40.69' LT	79'-0"



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PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

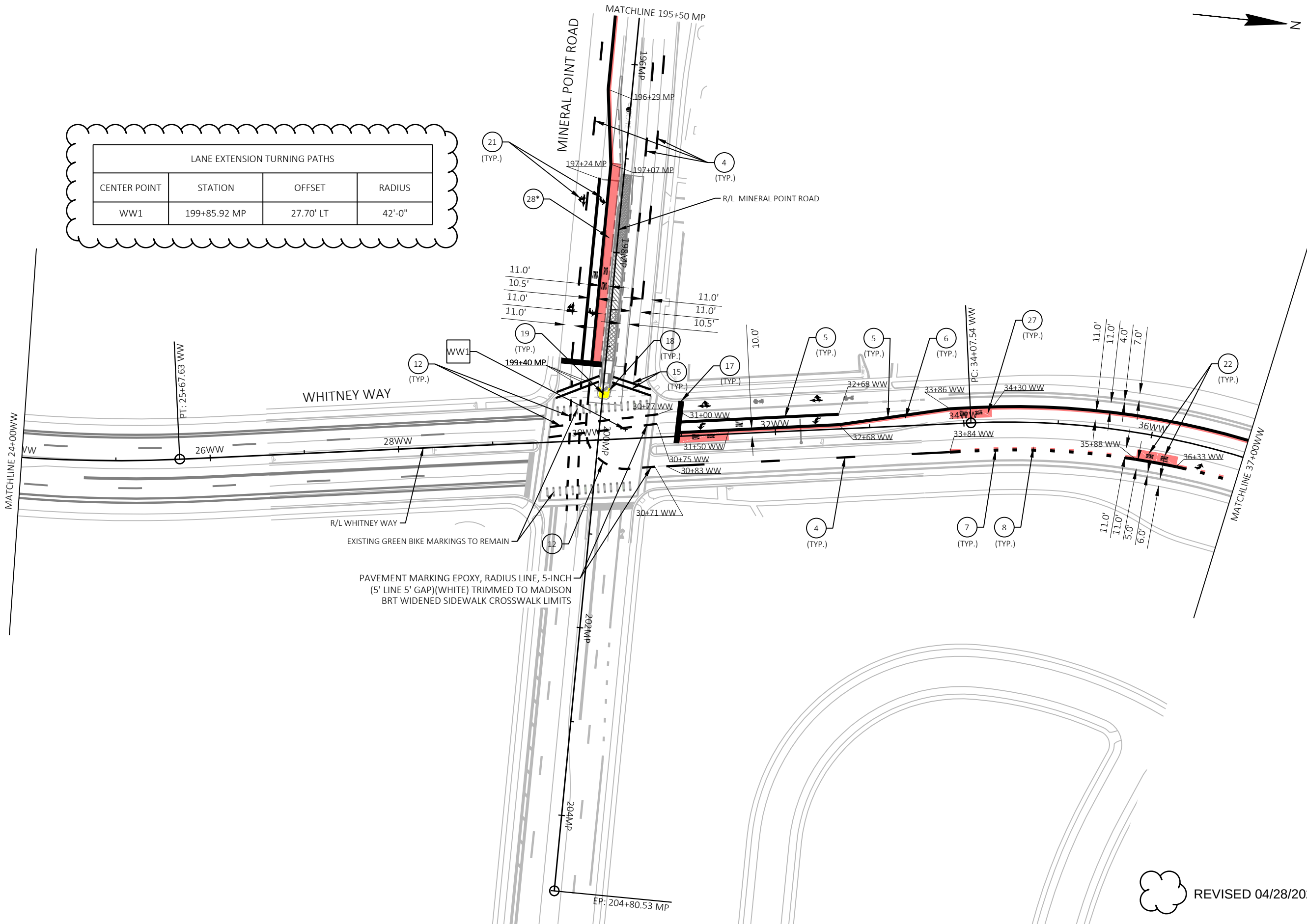
60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

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---	REVISION	04/28/23	JBH
60631225P	Designed By: KL ENG	Date: 2023-05-09	Scale: 1"=100 FT

60631225P
M12-W



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
WW1	199+85.92 MP	27.70' LT	42'-0"

REVISED 04/28/2023 JBH

MARK	DESIGNED BY: KL ENG	DATE: 2023-04-25	Scale: 1"=100 FT
60631225P	REVISION	PLAN REVISION 4	DATE: 04/28/23
			BY: JBH

PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

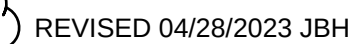
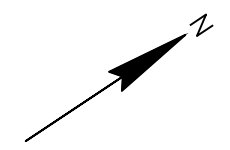
60631225C

CITY OF MADISON, DANE COUNTY, WI



60631225P

M13-W



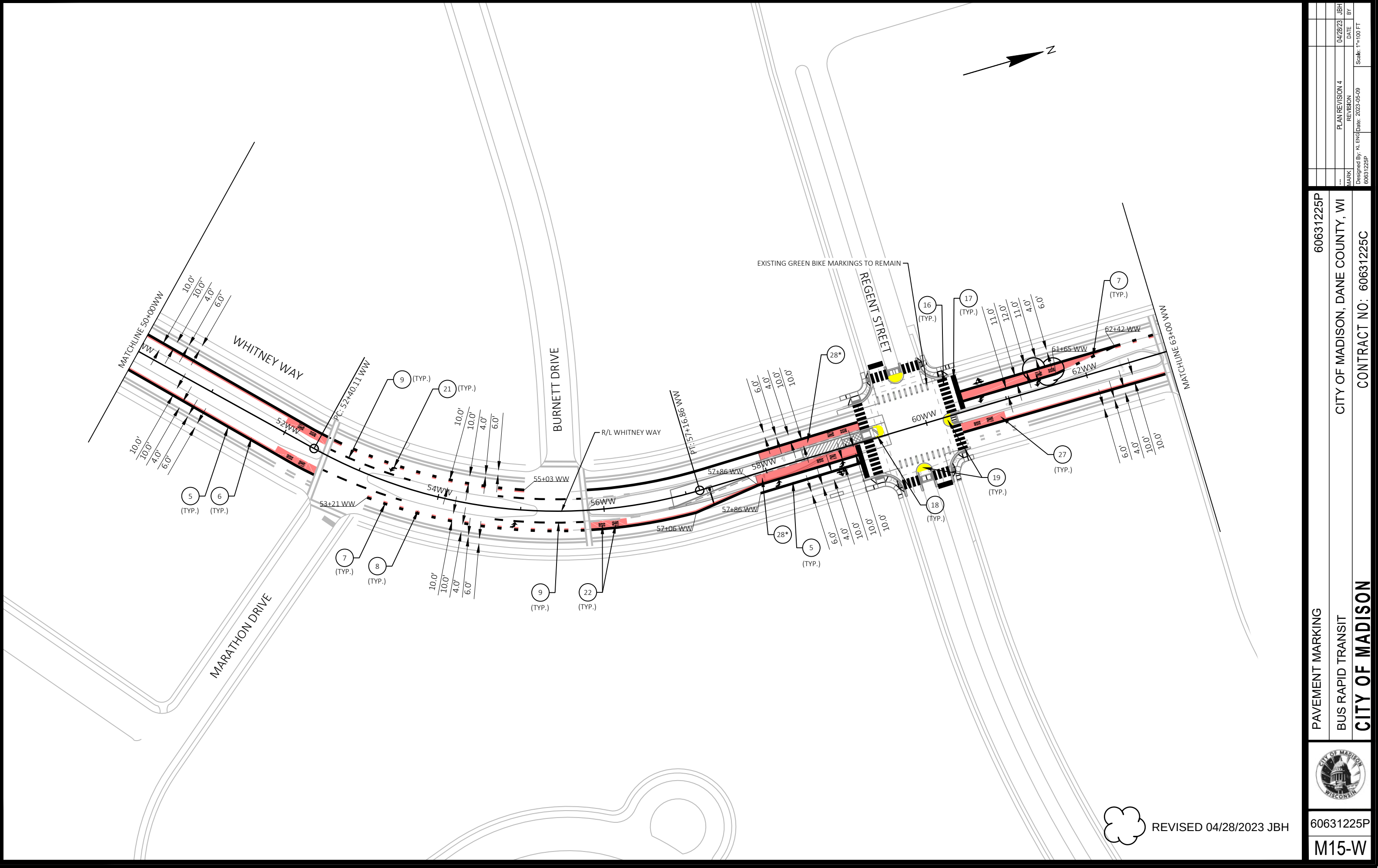
CITY OF MADISON



M14-W

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LAYOUT NAME - WW4
LAST PLOT DATE - 2023-05-09



REVISED 04/28/2023 JBH

MARK	PLAN REVISION 4	DATE	BY
60631225P	2023-05-09	04/28/23	JBH
Designed By: KL ENG Date: 2023-05-09 Scale: 1"=100 FT			

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



PAVEMENT MARKING
BUS RAPID TRANSIT
CITY OF MADISON

60631225P
M15-W



REVISED 04/28/2023 JBH

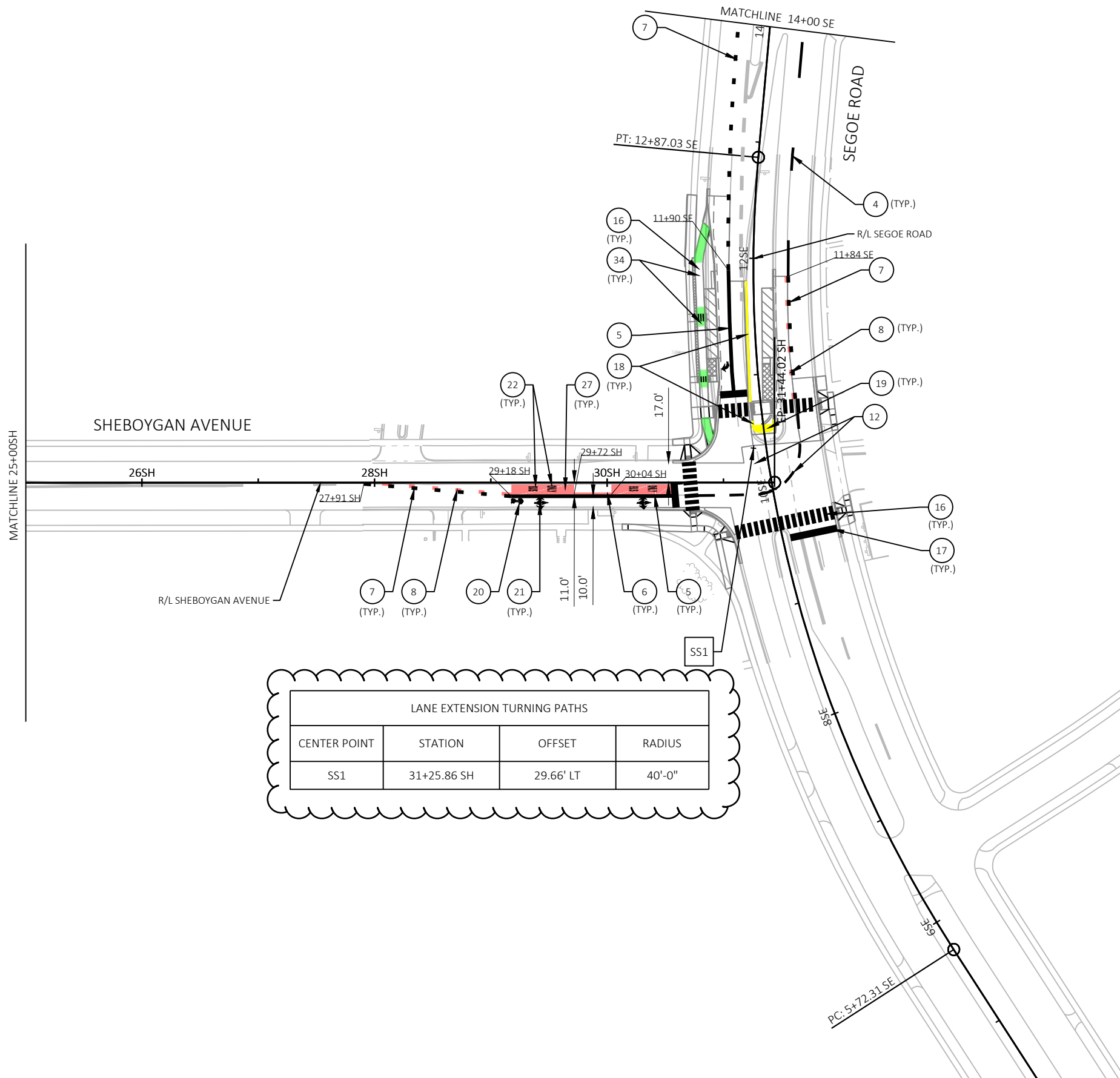


60631225P
M16-W

PAVEMENT MARKING
BUS RAPID TRANSIT
CITY OF MADISON

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

MARK	DESIGNED BY: KL ENG	DATE: 2023-05-09	BY
60631225P			
	PLAN REVISION 4	DATE	JBH
		04/28/23	
		DATE	BY
		04/28/23	JBH



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
SS1	31+25.86 SH	29.66' LT	40'-0"



REVISED 04/28/2023 JBH

MARK	PLAN REVISION 4	DATE	BY
60631225P	04/28/23 JBH	2023-04-25	KL
Scale: 1"=100 FT			

PAVEMENT MARKING

60631225P

CITY OF MADISON

BUS RAPID TRANSIT

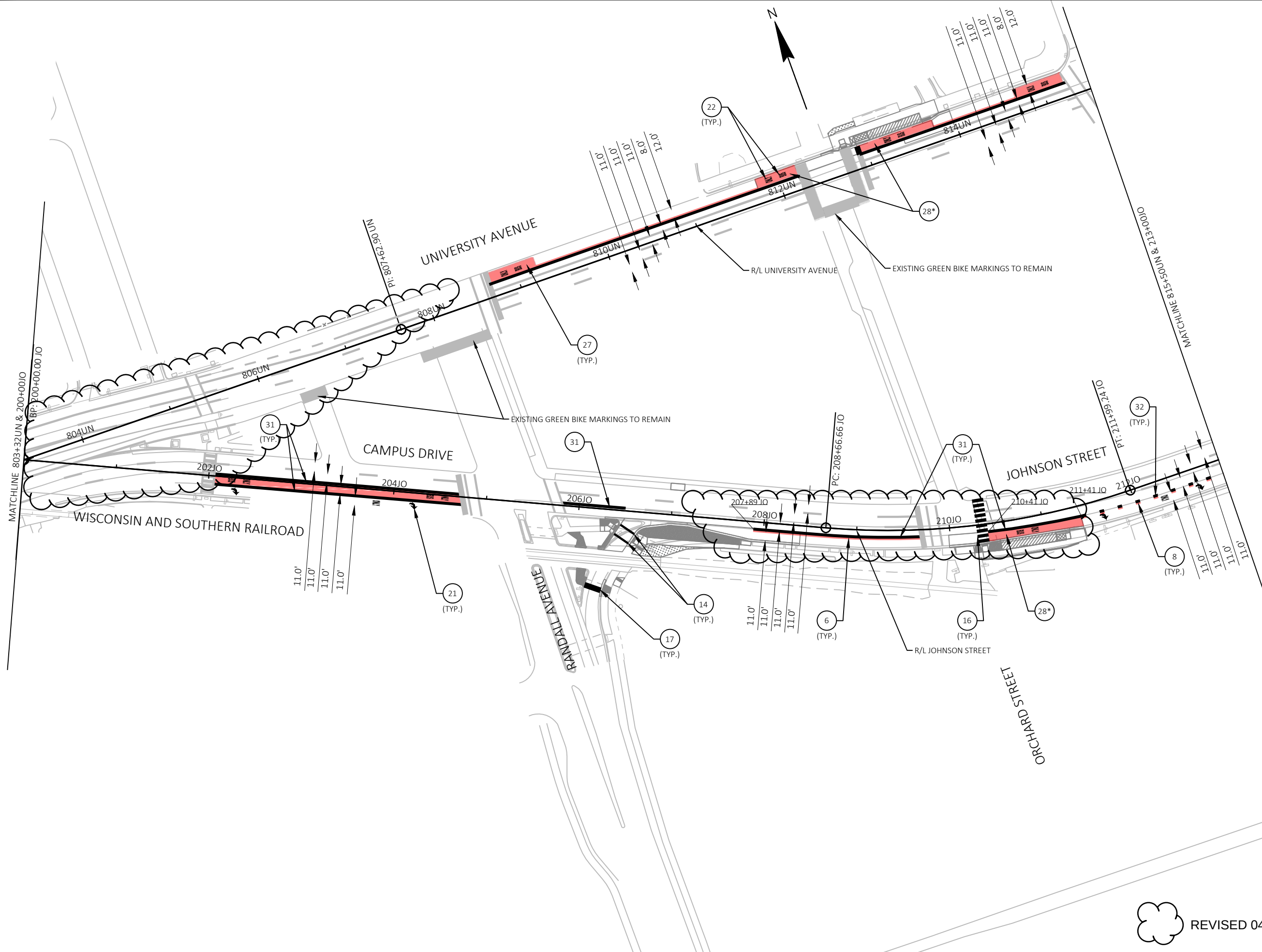
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

M19-W



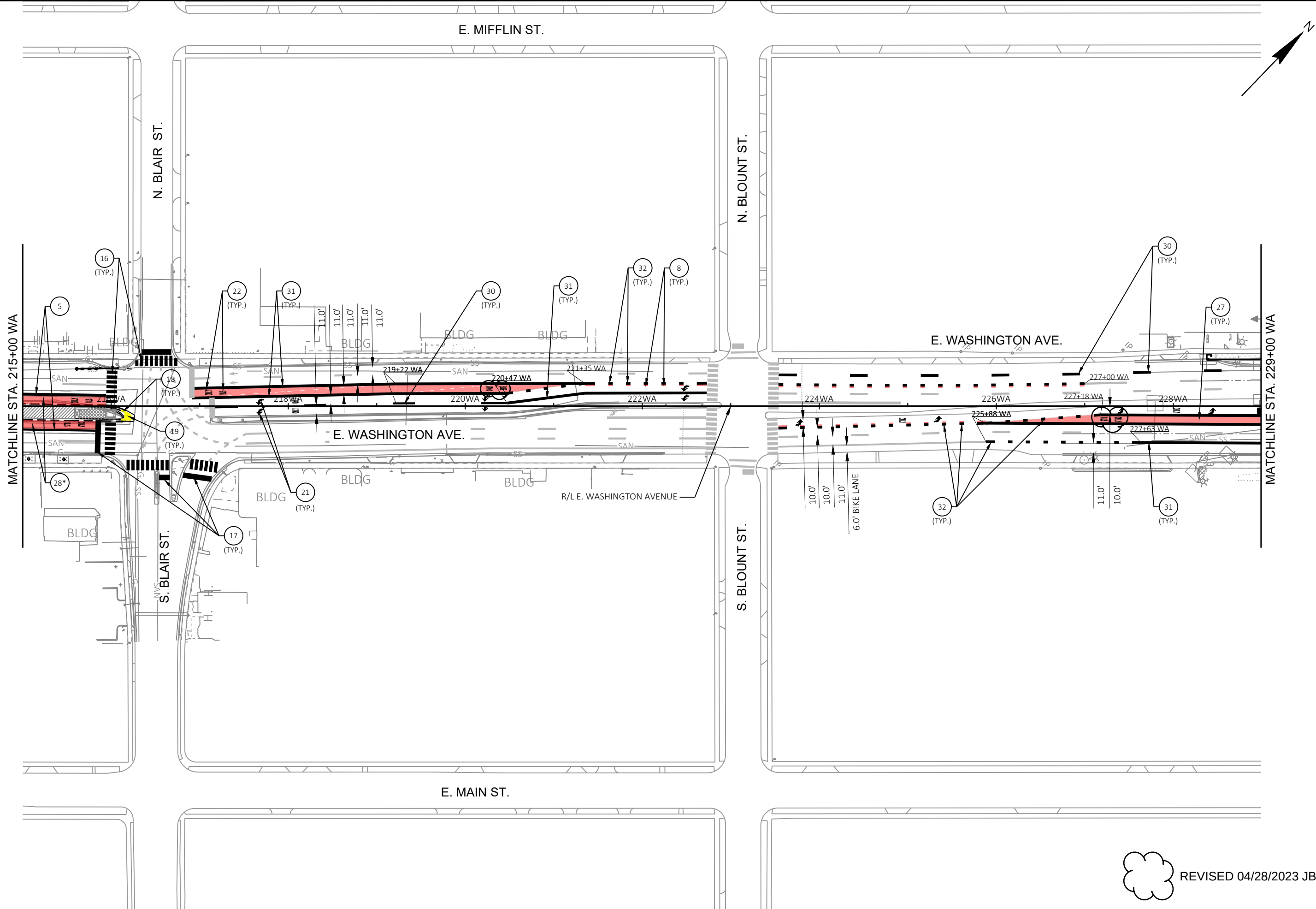
REVISED 04/28/2023 JBH

MARK	PLAN REVISION 4	DATE	BY
60631225P	REVISION	2023-04-25	KL
Designed By: KL ENG Date: 2023-04-25			
Scale: 1"=100 FT			

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



60631225P
M30-W



REVISED 04/28/2023 JBH

MARK	REVISION	DATE	BY
60631225P	PLAN REVISION 4	04/28/23	JBH
Designed By: KL ENG Date: 2023-05-09 Scale: 1"=100 FT			

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

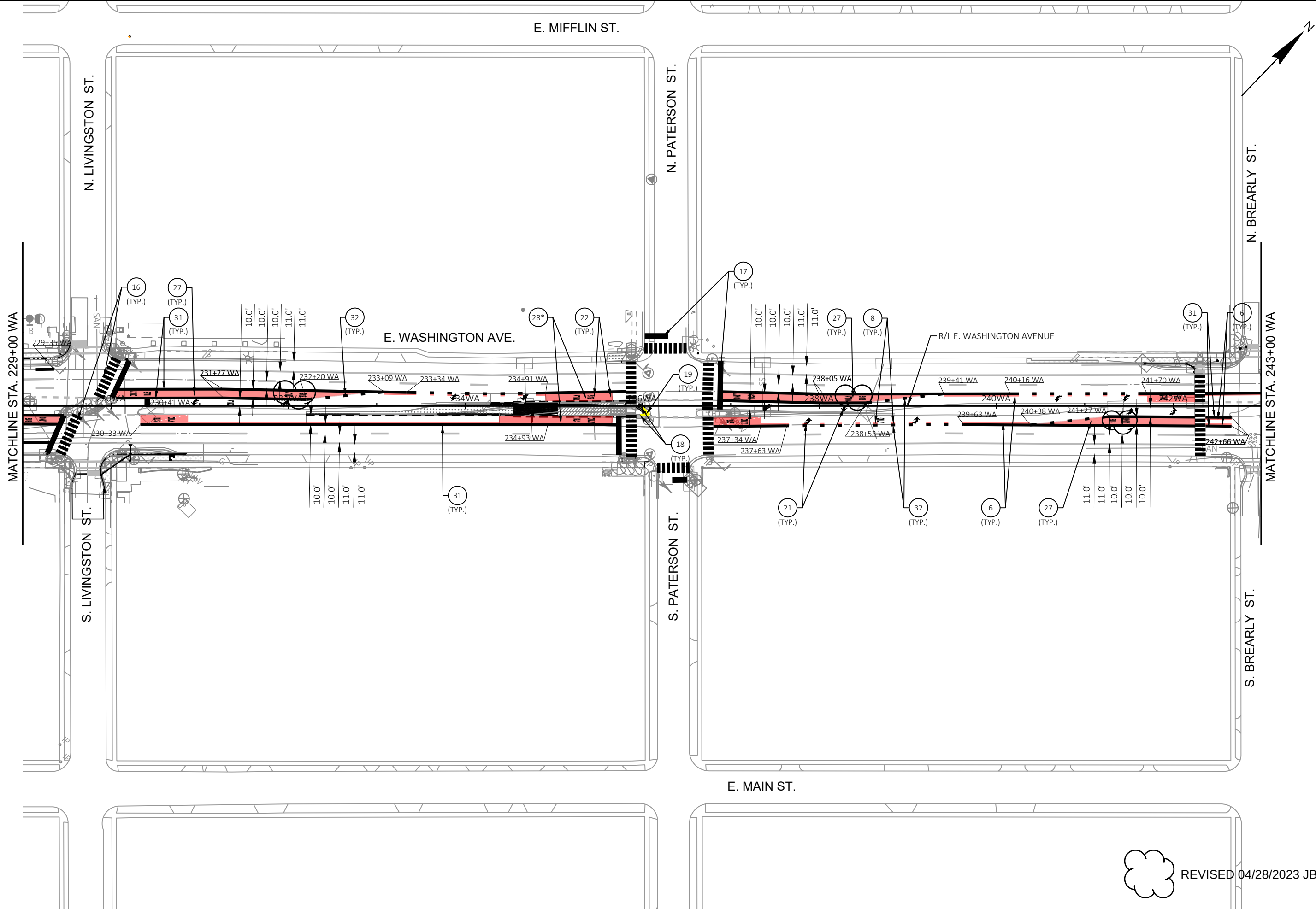
PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

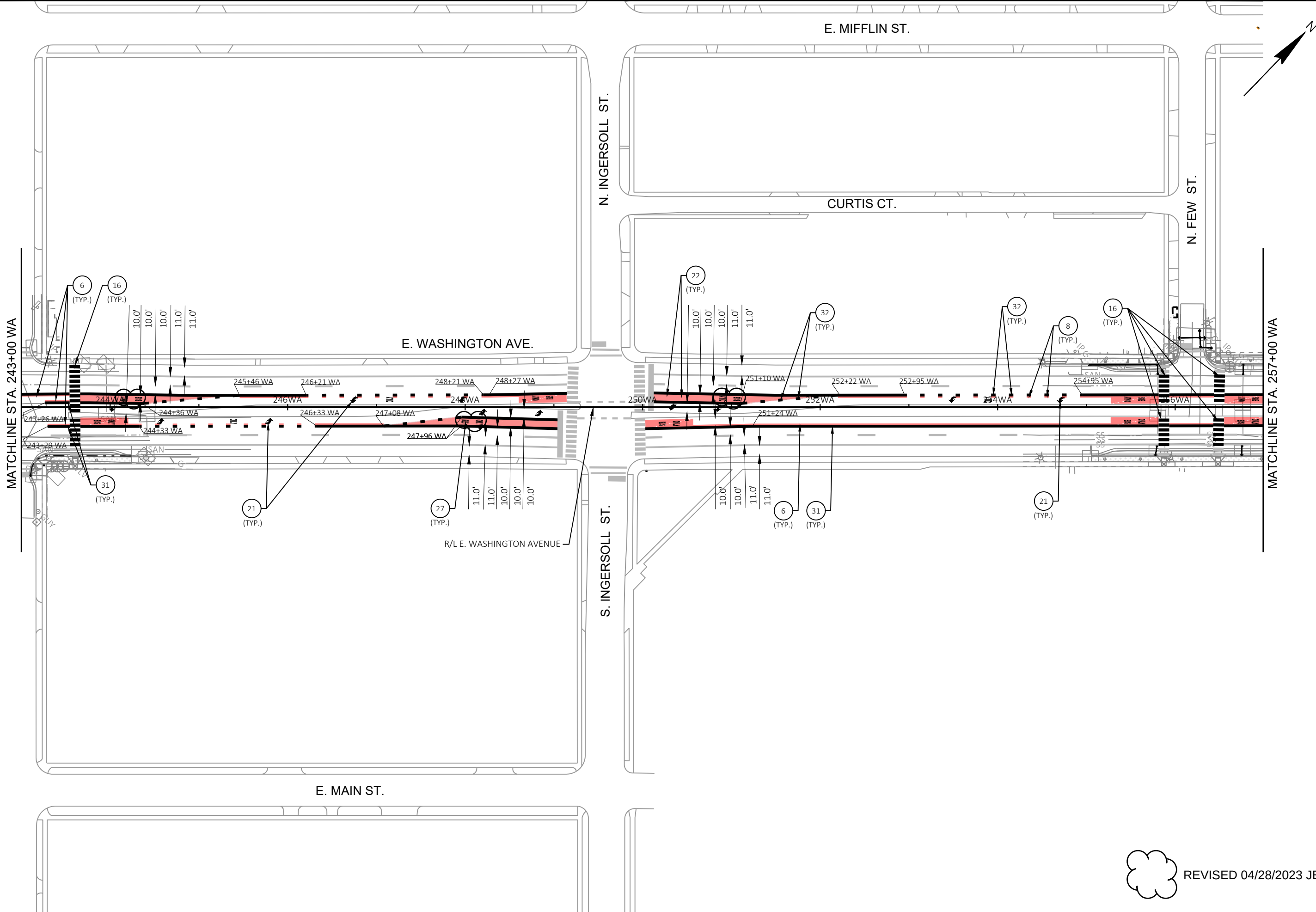
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M4-E



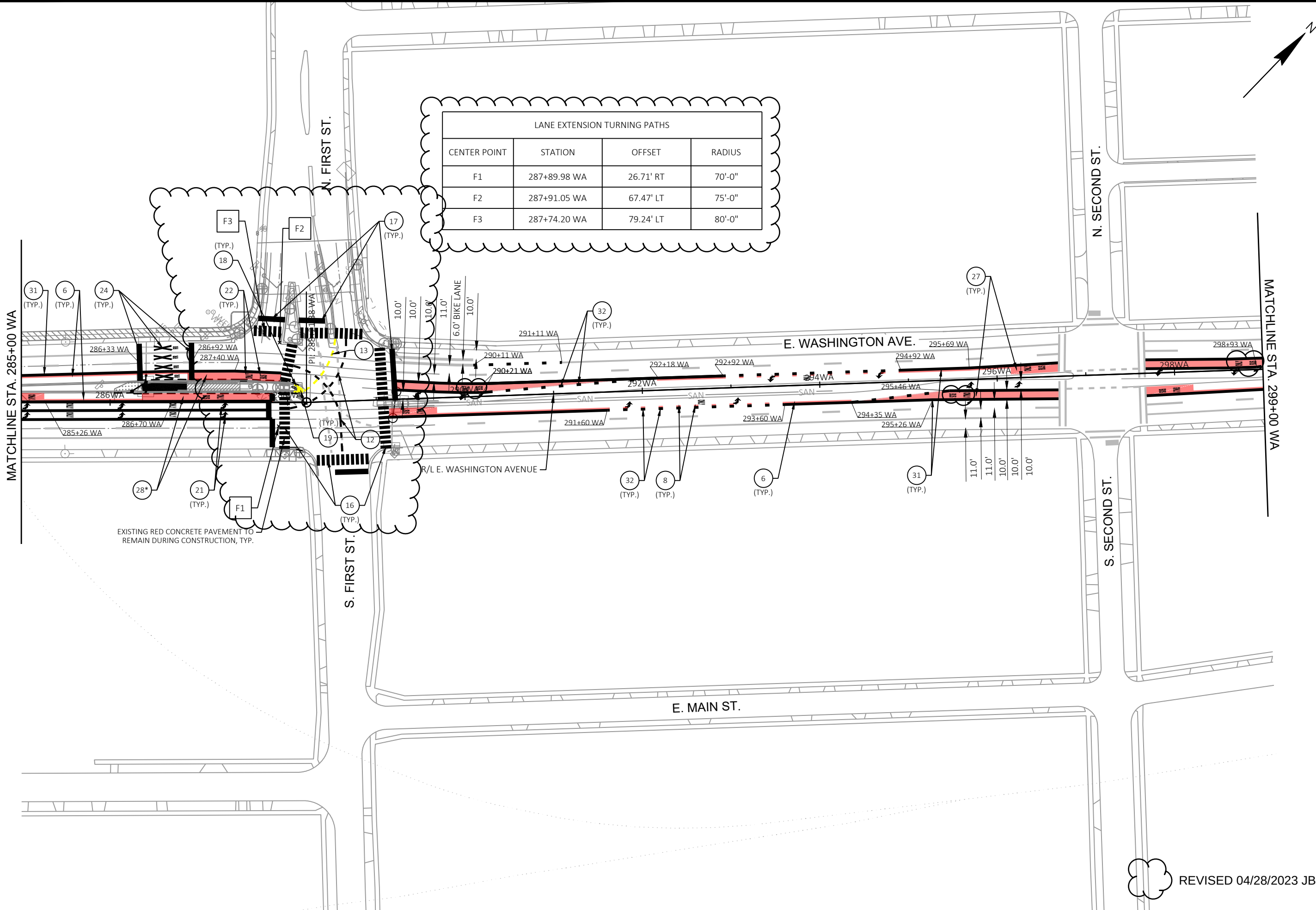
REVISED 04/28/2023 JBH

 CITY OF MADISON	PAVEMENT MARKING BUS RAPID TRANSIT 60631225P		60631225P	
	CITY OF MADISON, DANE COUNTY, WI CONTRACT NO: 60631225C		PLAN REVISION 4 DATE: 04/28/23 BY: JBH	

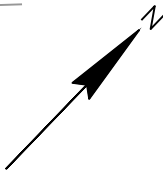


REVISED 04/28/2023 JBH

	60631225P					
	PAVEMENT MARKING		60631225P			
	BUS RAPID TRANSIT		CITY OF MADISON, DANE COUNTY, WI			
	CITY OF MADISON		CONTRACT NO: 60631225C			
	60631225P		M6-E			
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MARK		PLAN REVISION 4		DATE 04/28/23		
Designed By: KL ENG		REVISION		BY		
60631225P		Date: 2023-05-09		Scale: 1"=100 FT		



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
F1	287+89.98 WA	26.71' RT	70'-0"
F2	287+91.05 WA	67.47' LT	75'-0"
F3	287+74.20 WA	79.24' LT	80'-0"



PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

60631225C

M9-E

60631225P

CITY OF MADISON, DANE COUNTY, WI

PLAN REVISION 4

REVISION

DATE 04/28/23

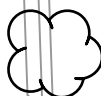
BY JBH

MARK

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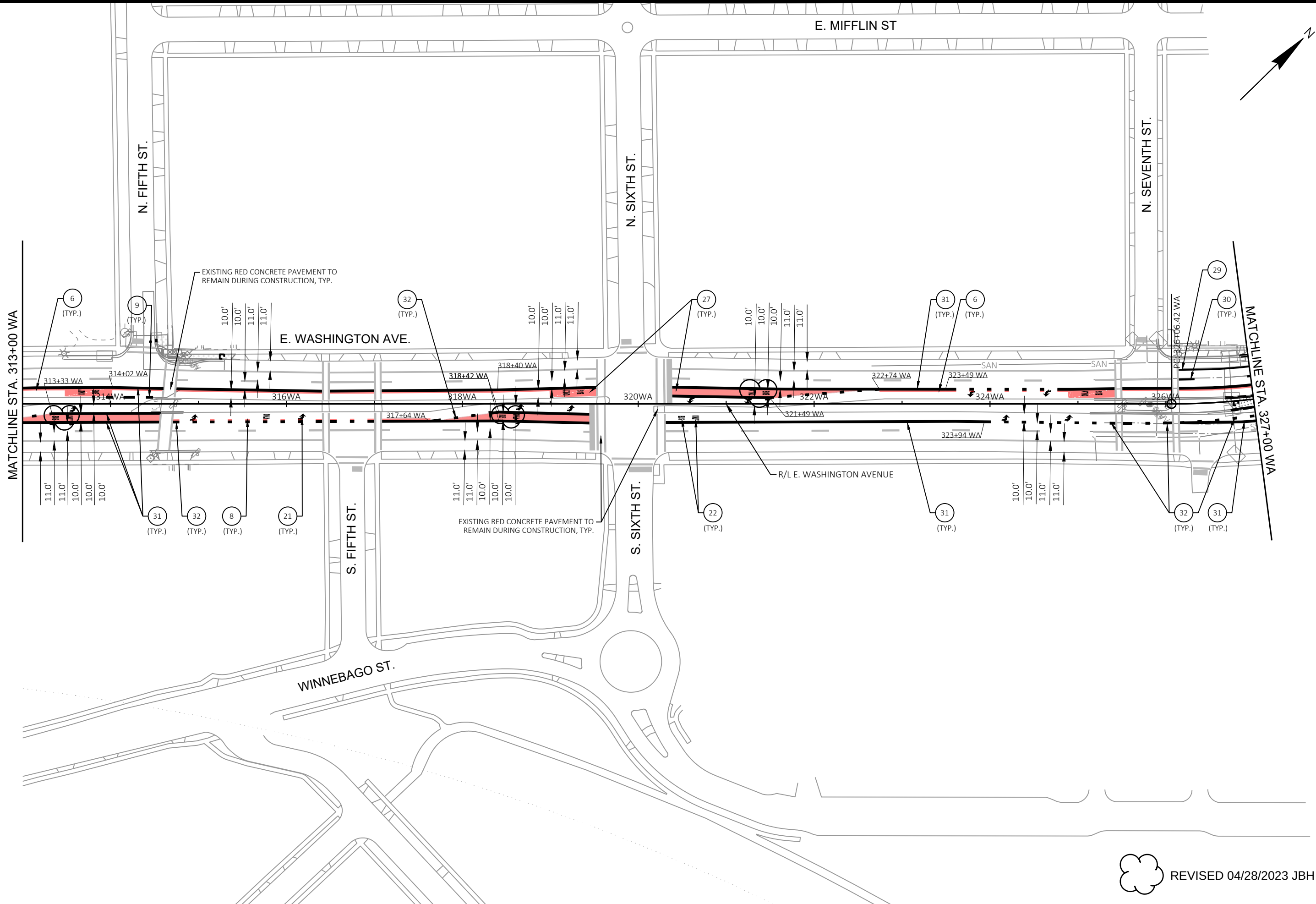
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REVISED 04/28/2023 JBH

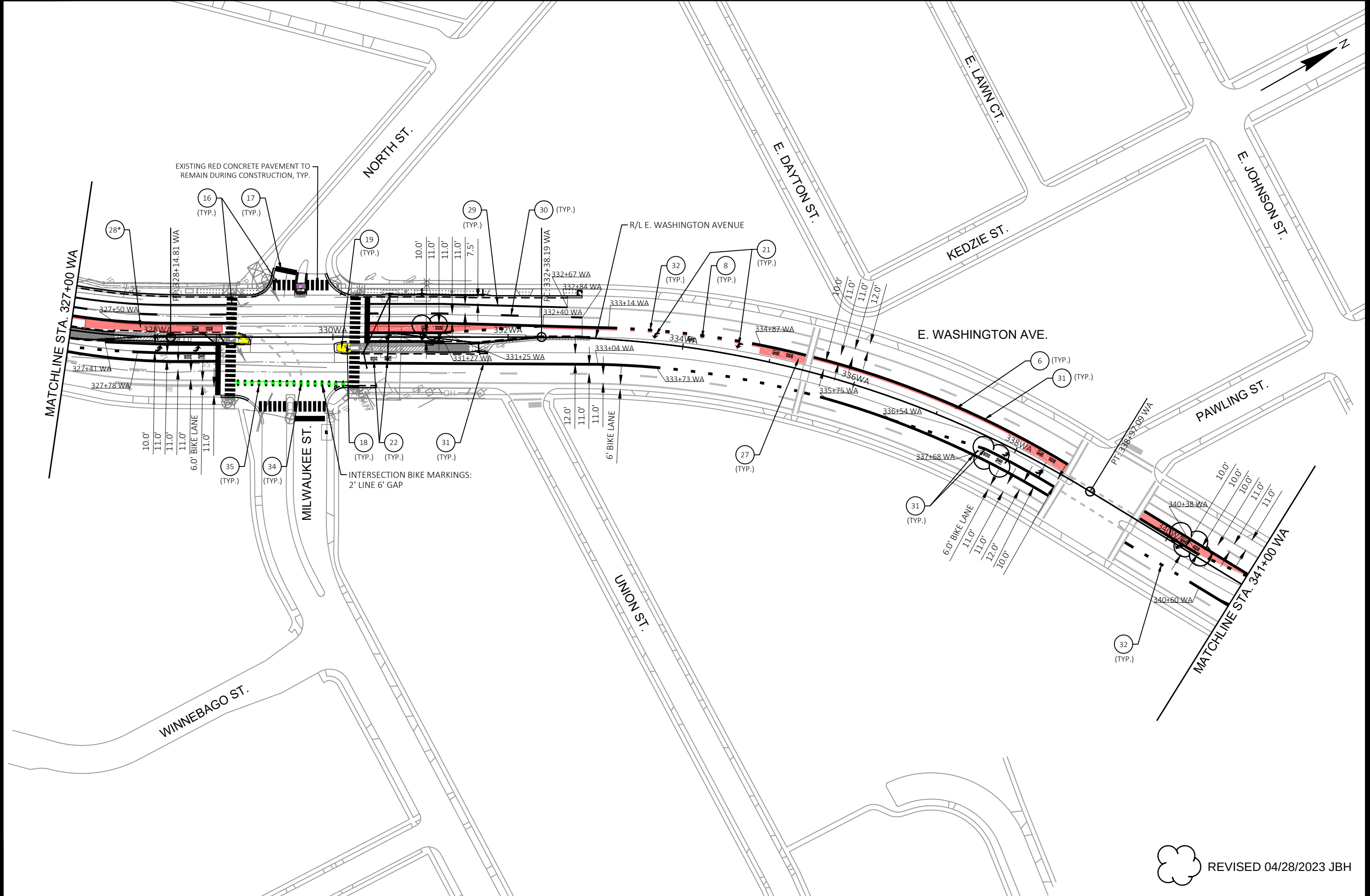




REVISED 04/28/2023 JBH

	PAVEMENT MARKING	60631225P	60631225C	
	BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI		
	CITY OF MADISON			
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LAST PLOT DATE - 2023-05-09				

MARK	PLAN REVISION 4	DATE	BY
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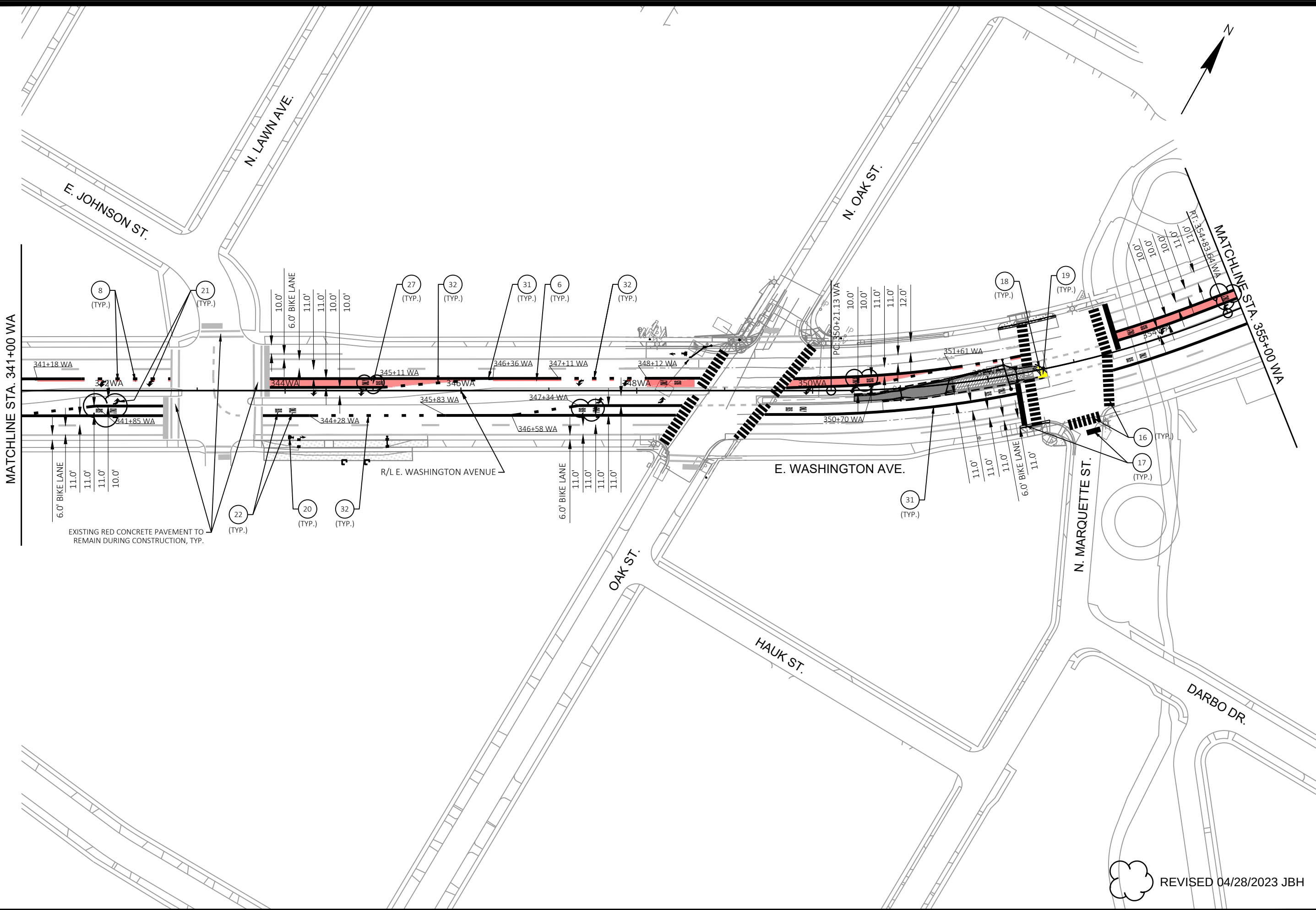


REVISED 04/28/2023 JBH

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

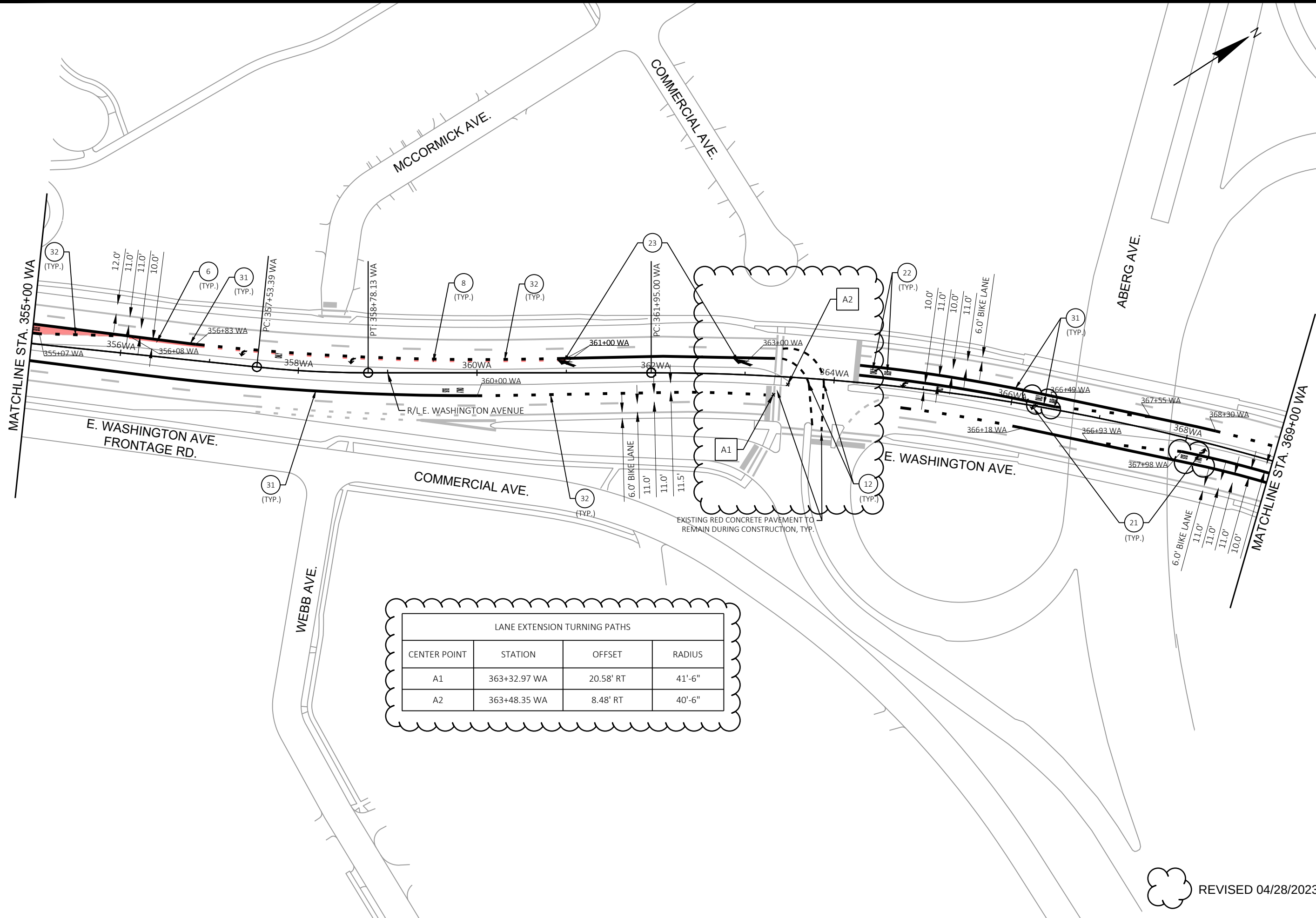
MARK	DESIGNED BY: KL ENG	DATE: 2023-05-09	Scale: 1"=100 FT
PLAN REVISION 4	DATE	BY	
04/28/23	JBH		

60631225P
M12-E



REVISED 04/28/2023 JBH

	PAVEMENT MARKING		60631225P	
	BUS RAPID TRANSIT		CITY OF MADISON, DANE COUNTY, WI	
	CITY OF MADISON		CONTRACT NO: 60631225C	
FILE NAME : G:\AECOM\20063-000 MADISON BRTYCIVIL 3D\SHEET\OTHER\EAST\024501_P.M.DWG		LAYOUT NAME - 024513_p.m		
60631225P		M13-E		
MARK		DESIGNED BY: KL ENG	DATE: 2023-05-09	
REVISION		PLAN REVISION 4	DATE: 04/28/23	
BY		JBH	100 FT	



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
A1	363+32.97 WA	20.58' RT	41'-6"
A2	363+48.35 WA	8.48' RT	40'-6"



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PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

M14-E

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4

REVISION

DATE: 04/28/23

BY: JBH

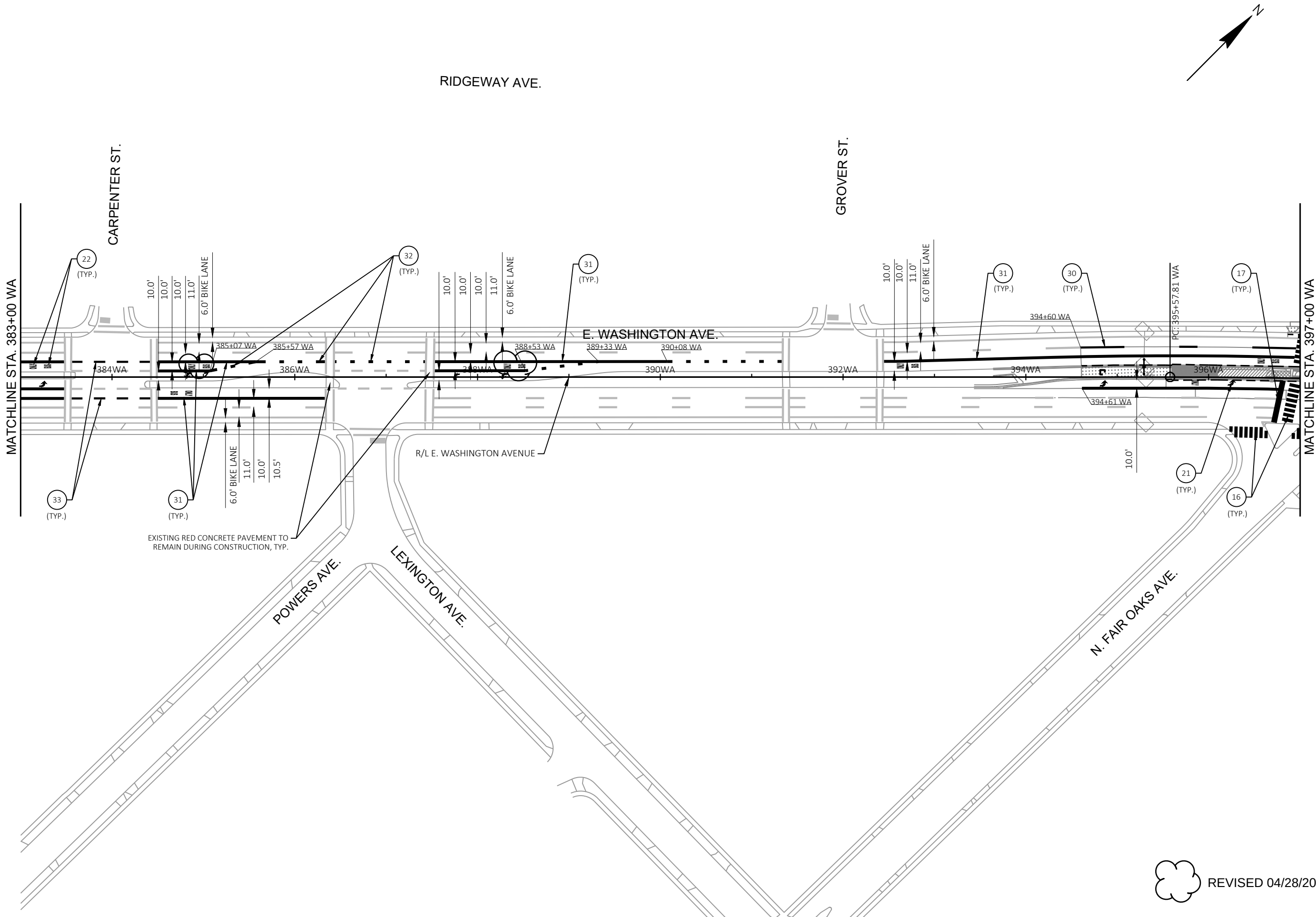
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Designed By: KL ENG

Date: 2023-05-09

Scale: 1"=100 FT

60631225P



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

MARK	REVISION	DATE	BY
60631225P	PLAN REVISION 4	04/28/23	JBH
Designed By: KL ENG		Scale: 1"=100 FT	

MATCHLINE STA. 23+00 WR

STAUBEL ST.

PI: 24+16.47 WR

24WR

26WR

28WR

WRIGHT ST.

30WR

32WR

34WR

R/L WRIGHT STREET

PI: 31+06.16 WR

EAST MADISON
COMMUNITY CENTER

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"

R/L ANDERSON STREET

MATCHLINE STA. 24+00 AN

6.0' BIKE LANE
11.0'
10.0'

11.0'
10.5'
6.0' BIKE LANE

6.0' BIKE LANE
11.0'
11.0'

11.0'
10.0'



ANDERSON ST.

4
(TYP.)

3
(TYP.)

21
(TYP.)

5
(TYP.)

17
(TYP.)

13

5
(TYP.)

20

7
(TYP.)

1

22+82 AN

34

16
(TYP.)

BP: 36+06.76 WR

BP: 19+50.00 AN

21+65 AN

22+20 AN



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PAVEMENT MARKING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

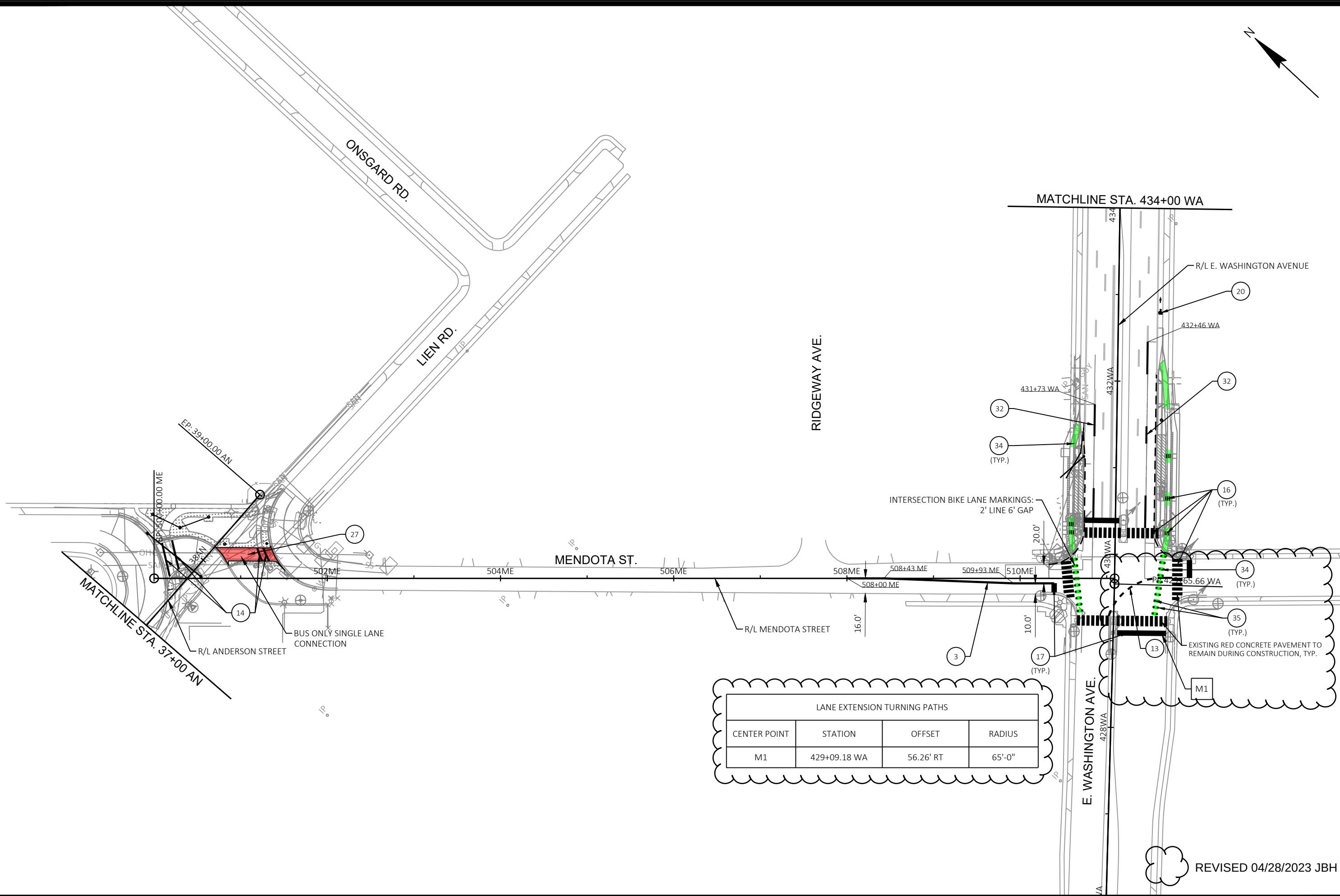
CONTRACT NO: 60631225C



60631225P

M18-E

PLAN REVISION 4	DATE	BY
REVISION	2023-05-09	JBH
Designed By: KL ENG	Date: 2023-05-09	Scale: 1"=100 FT
60631225P		



LANE EXTENSION TURNING PATHS			
CENTER POINT	STATION	OFFSET	RADIUS
M1	429+09.18 WA	56.26' RT	65'-0"

60631225P

CITY OF MADISON

PAVEMENT MARKING



60631225P

M20-E

BUS RAPID TRANSIT

CITY OF MADISON

60631225C

PLAN REVISION 4

REVISION

DATE: 04/28/23

BY: JBH

MARK

Designed By: KL ENG

60631225P

Scale: 1"=100 FT

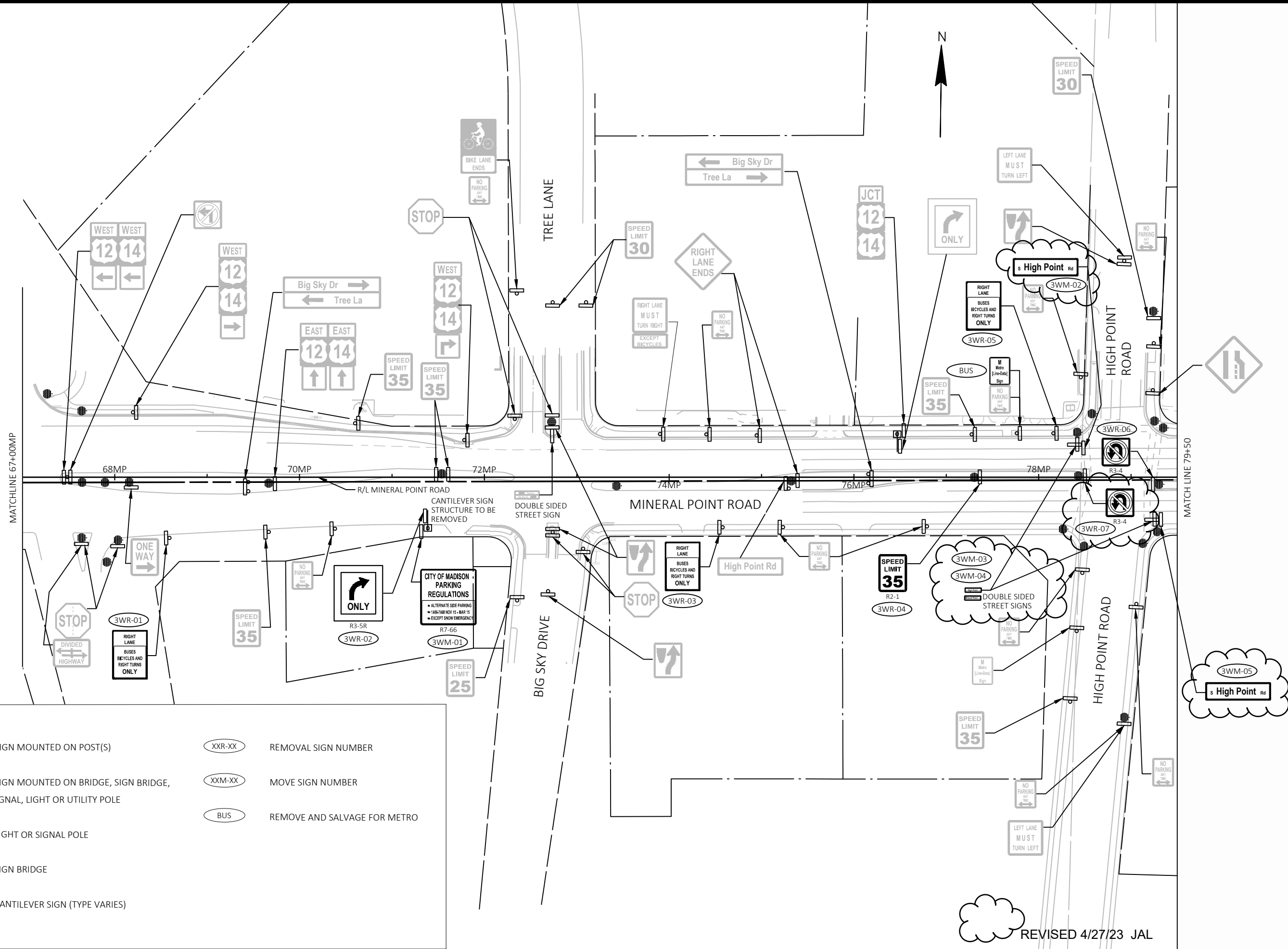
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FILE NAME : G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\EA\T024501_P.M.DWG

LAYOUT NAME - 024520_p.m

LAST PLOT DATE : 2023-05-09

REVISED 04/28/2023 JBH



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) | | |

REVISED 4/27/23 JAL

60631225P		CITY OF MADISON	
EXISTING SIGNING & SIGN REMOVALS		BUS RAPID TRANSIT	
CITY OF MADISON, DANE COUNTY, WI		CONTRACT NO: 60631225C	
60631225P		SR-3W	

PLAN REVISION 4	DATE	BY
42723	2023-04-27	JAL
REVISION		
Designed By: KL ENG Date: 2023-04-27		
60631225P		
Scale: 1"=100 FT		

EXISTING SIGNING LEGEND



EXISTING SIGN MOUNTED ON POST(S)



EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



EXISTING LIGHT OR SIGNAL POLE



EXISTING SIGN BRIDGE



EXISTING CANTILEVER SIGN (TYPE VARIES)



REMOVAL SIGN NUMBER



MOVE SIGN NUMBER



REMOVE AND SALVAGE FOR METRO

MATCH LINE 79+50

MATCH LINE 92+50



REVISED 4/27/23 JAL

EXISTING SIGNING & SIGN REMOVALS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

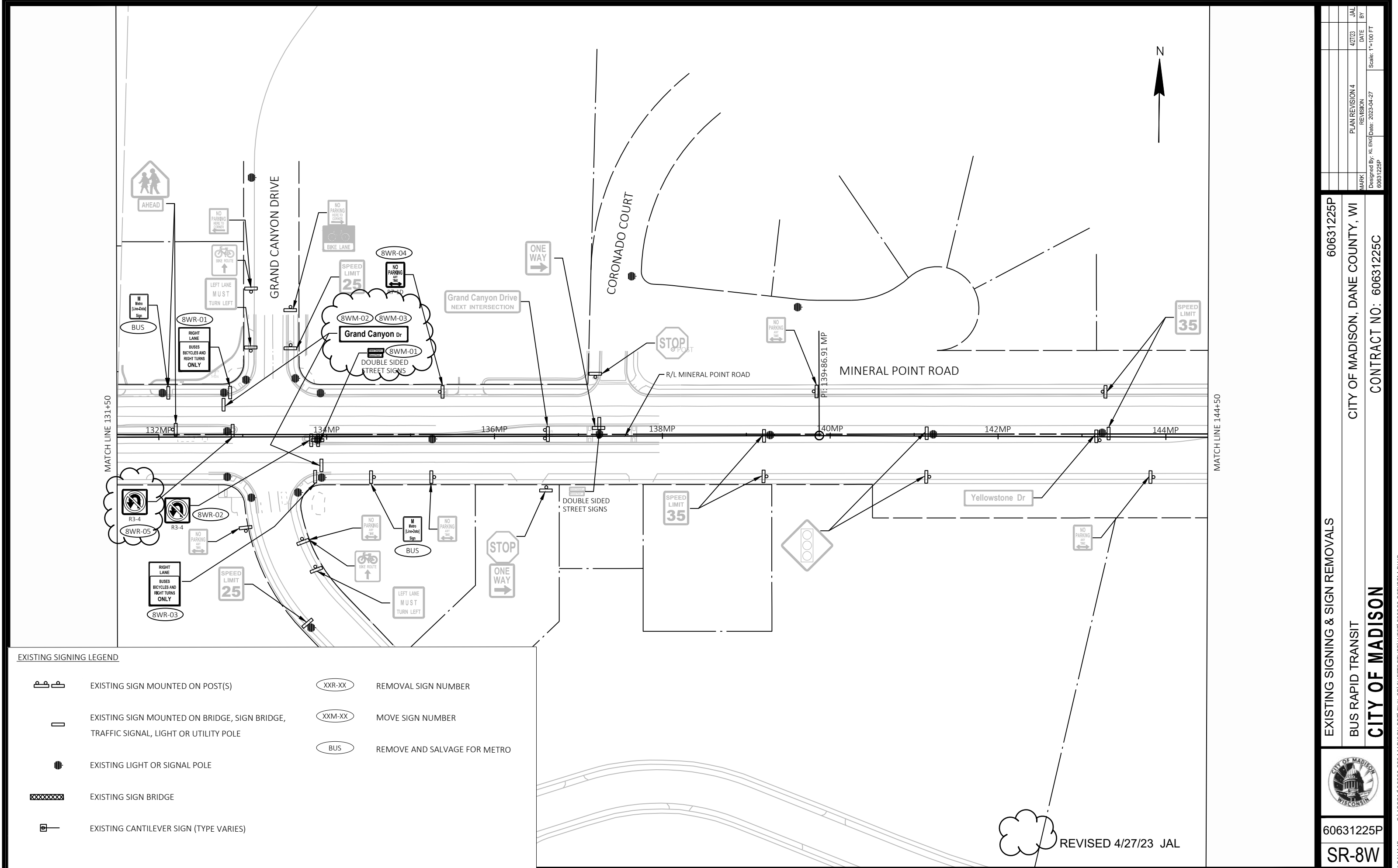
CONTRACT NO: 60631225C



60631225P

SR-4W

MARK	DESIGNED BY: KL ENG	DATE: 2023-04-27	Scale: 1"=100 FT
PLAN REVISION 4	427/23	JAL	BY
REVISION	DATE	BY	



EXISTING SIGNING LEGEND

 EXISTING SIGN MOUNTED ON POST(S)

 EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE

 EXISTING LIGHT OR SIGNAL POLE

 EXISTING SIGN BRIDGE

 EXISTING CANTILEVER SIGN (TYPE VARIES)

 REMOVAL SIGN NUMBER

 MOVE SIGN NUMBER

 REMOVE AND SALVAGE FOR METRO

60631225P

60631225C

EXISTING SIGNING & SIGN REMOVALS

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

SR-8W

PLAN REVISION 4

4/27/23

JAL

DATE

BY

MARK

Designed By: KL ENG

Date: 2023-04-27

Scale: 1"=100 FT

60631225P

60631225C

FILE NAME :

G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\WEST\023202-PSEXREM.DWG

LAYOUT NAME -

MP06-8W

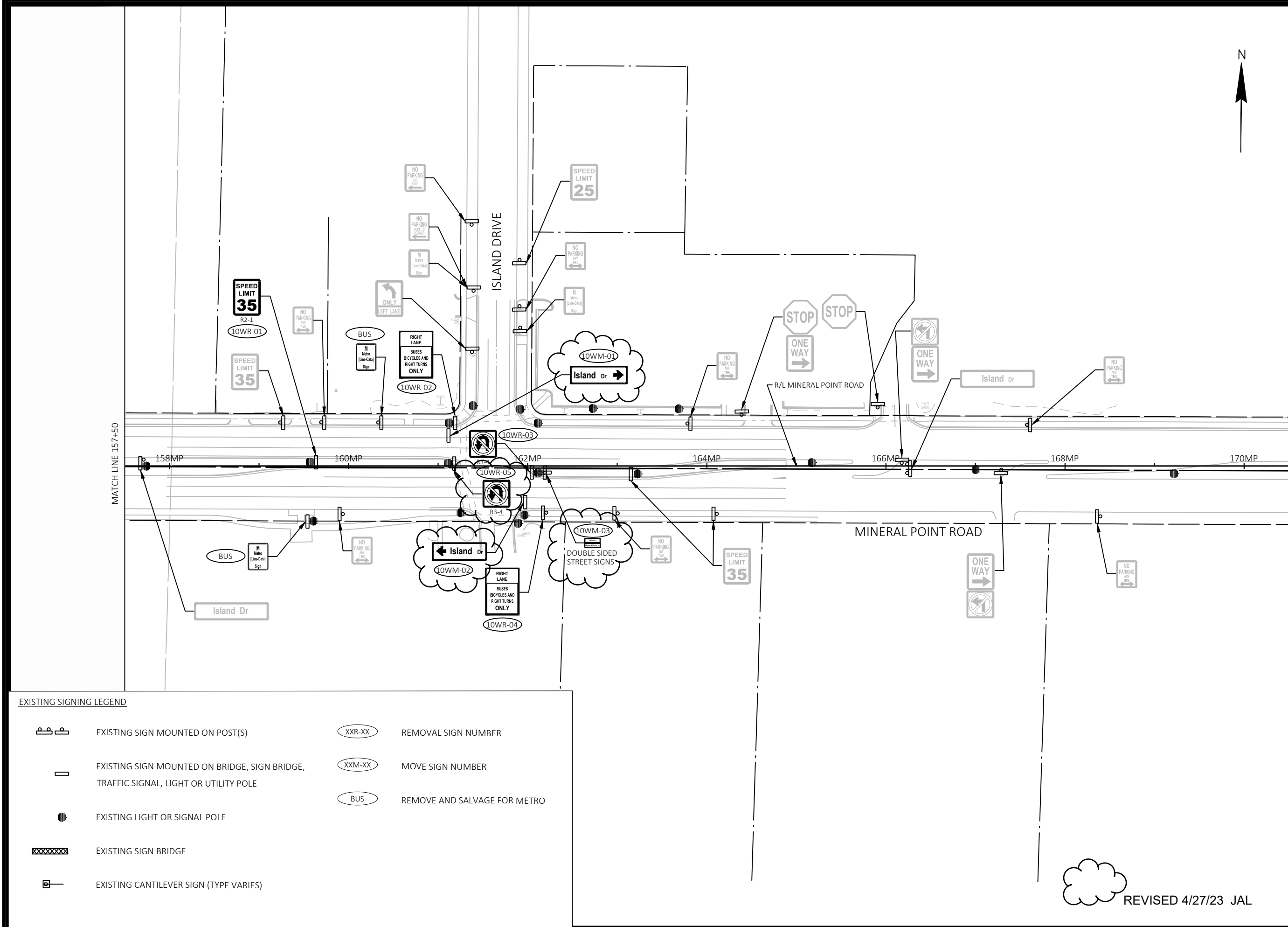
LAST PLOT DATE -

2023-04-27

REVIS

4/27/23

JAL



EXISTING SIGNING LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE

EXISTING LIGHT OR SIGNAL POLE

EXISTING SIGN BRIDGE

EXISTING CANTILEVER SIGN (TYPE VARIES)

REMOVAL SIGN NUMBER

MOVE SIGN NUMBER

REMOVE AND SALVAGE FOR METRO

60631225P

60631225P

60631225P

EXISTING SIGNING & SIGN REMOVALS

BUS RAPID TRANSIT

CITY OF MADISON

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

60631225P

SR-10W

PLAN REVISION 4

42723

JAL

DATE

BY

REVISION

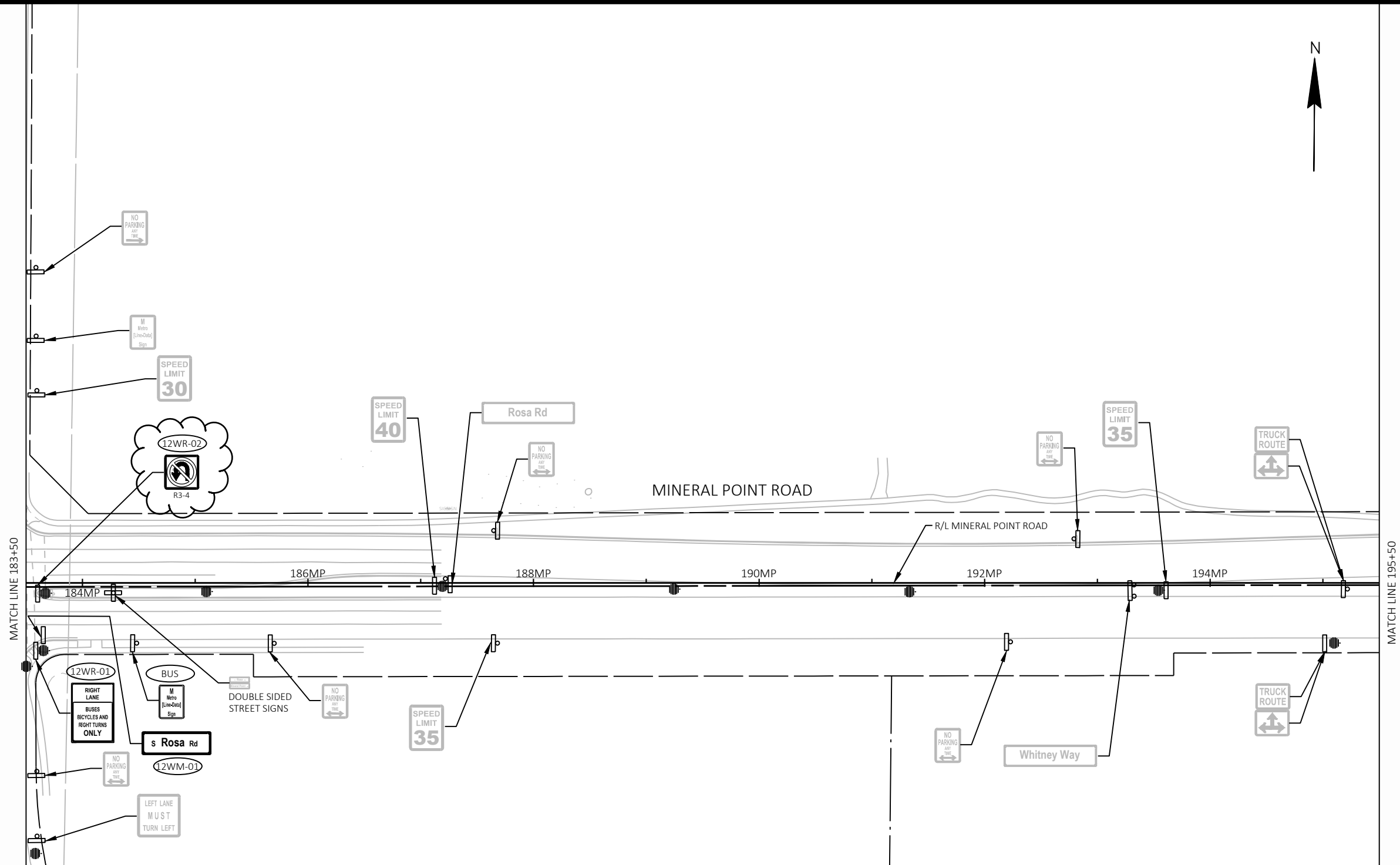
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MARK

Designed By: KL ENG

60631225P



EXISTING SIGNING LEGEND

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|--|---|--|------------------------------|
| | 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) | | |



REVISED 4/27/23 JAL

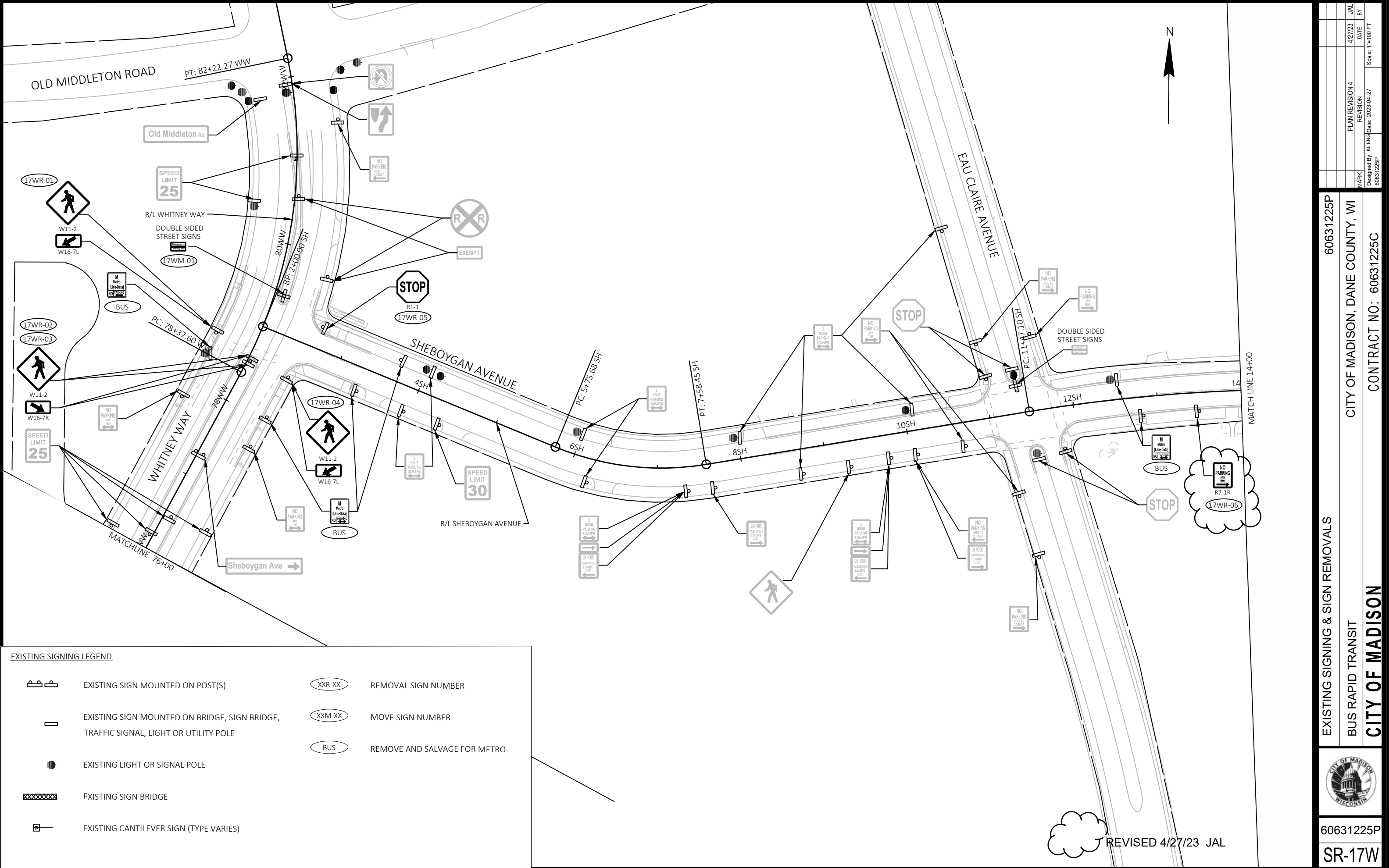
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	REVISION			
	PLAN REVISION 4			

60631225P	CITY OF MADISON
EXISTING SIGNING & SIGN REMOVALS	BUS RAPID TRANSIT
CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C



60631225P

SR-12W



EXISTING SIGNING LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE

EXISTING LIGHT OR SIGNAL POLE

EXISTING SIGN BRIDGE

EXISTING CANTILEVER SIGN (TYPE VARIES)

REMOVAL SIGN NUMBER

MOVE SIGN NUMBER

REMOVE AND SALVAGE FOR METRO

60631225P

CITY OF MADISON, DANE COUNTY, WI

60631225C

EXISTING SIGNING & SIGN REMOVALS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

SR-17W

PLAN REVISION 4

DATE 4/27/23

BY JAL

REVISION

Date: 2023-04-27

60631225P

MARK

Designed By: KL ENG

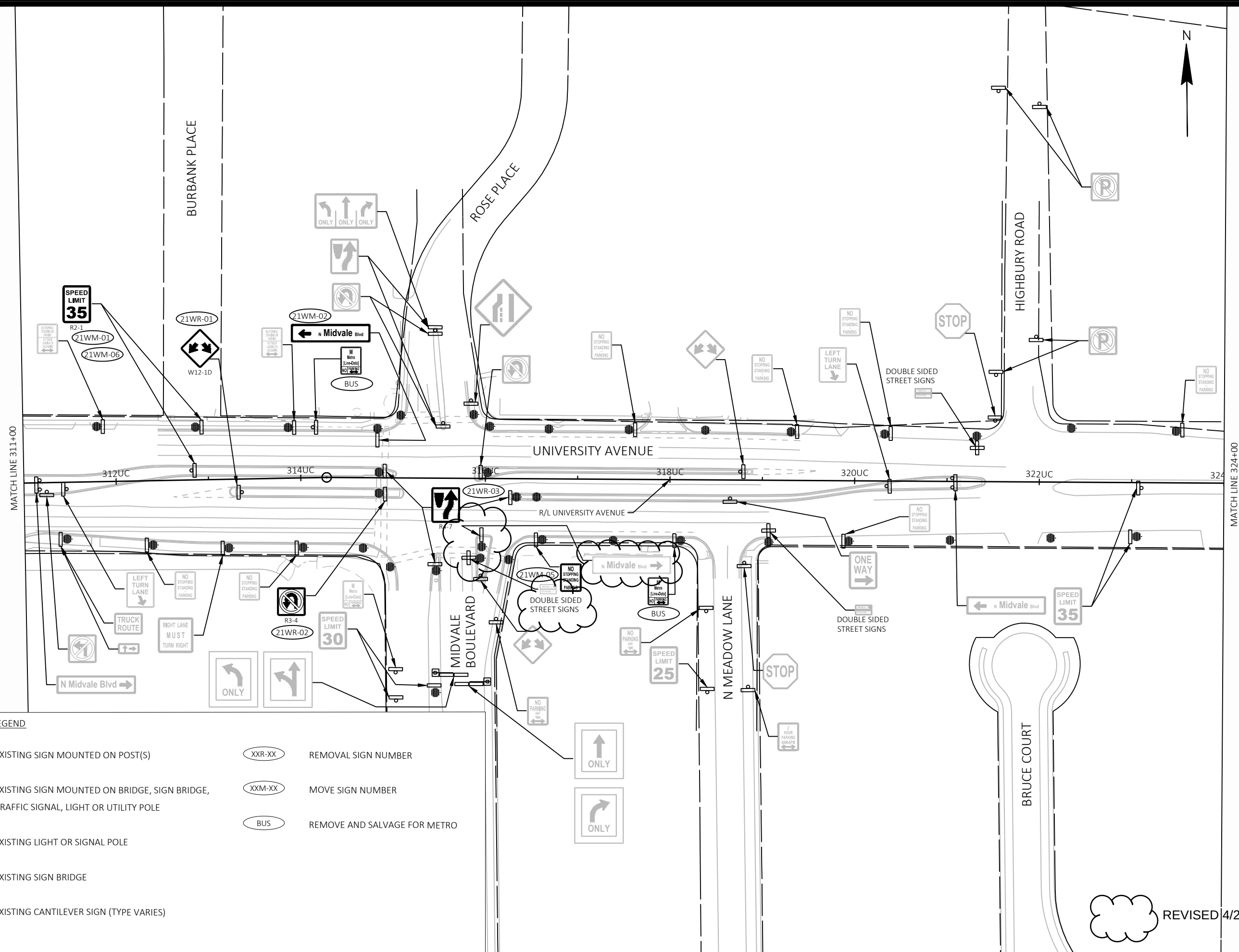
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LAYOUT NAME - SH1-17W

LAST PLOT DATE - 2023-04-27

REVISED 4/27/23 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) | | |

REVISÉD|4/27/23 JAL

EXISTING SIGNING & SIGN REMOVALS

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

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FILE NAME : G:\AECOM\20063-000 MADISON BR\3D\SHEET\OTHER\WEST\023202-PSEXREM.DWG
LAYOUT NAME - UC2-21W LAST PLOT DATE - 2023-05-09

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



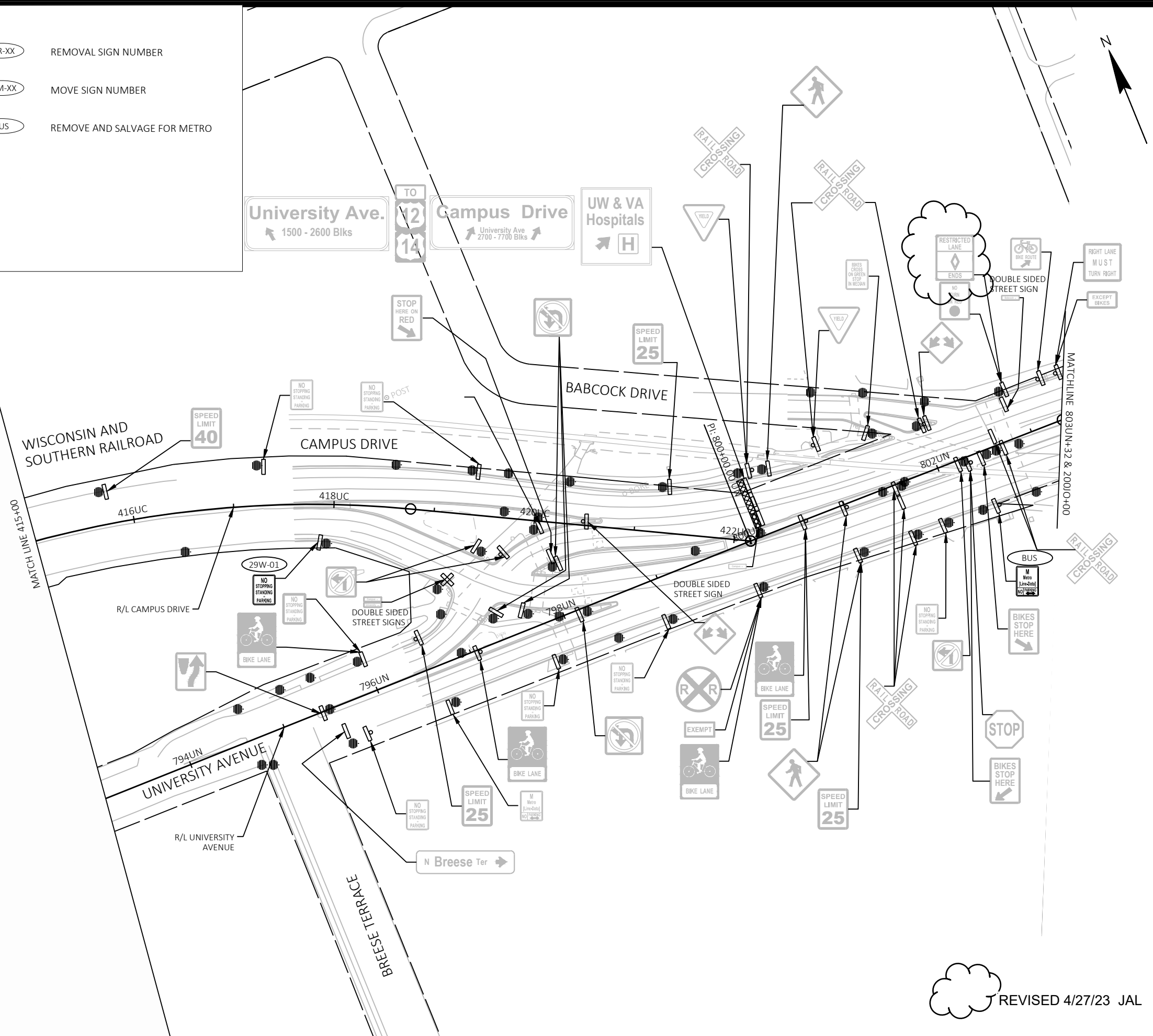
REMOVE AND SALVAGE FOR METRO



EXISTING SIGN BRIDGE



EXISTING CANTILEVER SIGN (TYPE VARIES)



REVISÉ 4/27/23 JAL

EXISTING SIGNING & SIGN REMOVALS

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

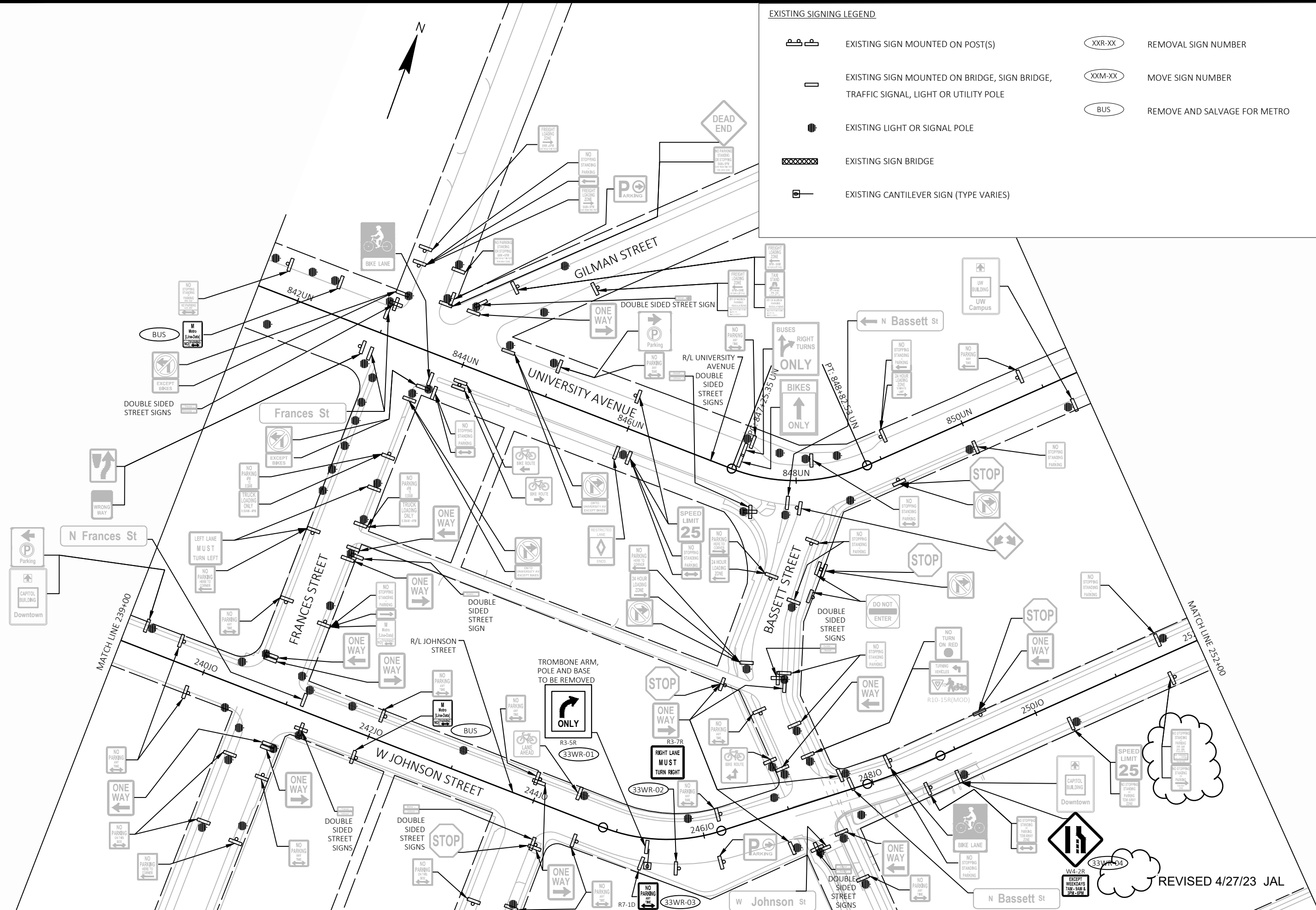
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60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MARK	PLAN REVISION 4	DATE	BY
		4/27/23	JAL
Designed By: KL ENG		Scale: 1"=100 FT	
60631225P			



EXISTING SIGNING LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE

EXISTING LIGHT OR SIGNAL POLE

EXISTING SIGN BRIDGE

EXISTING CANTILEVER SIGN (TYPE VARIES)

REMOVAL SIGN NUMBER

MOVE SIGN NUMBER

REMOVE AND SALVAGE FOR METRO

60631225P

EXISTING SIGNING & SIGN REMOVALS

CITY OF MADISON

60631225P

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

60631225P

PLAN REVISION 4

DATE 4/27/23

BY JAL

REVISION

DATE 2023-04-27

BY

MARK

Designed By: KL ENG

Date: 2023-04-27

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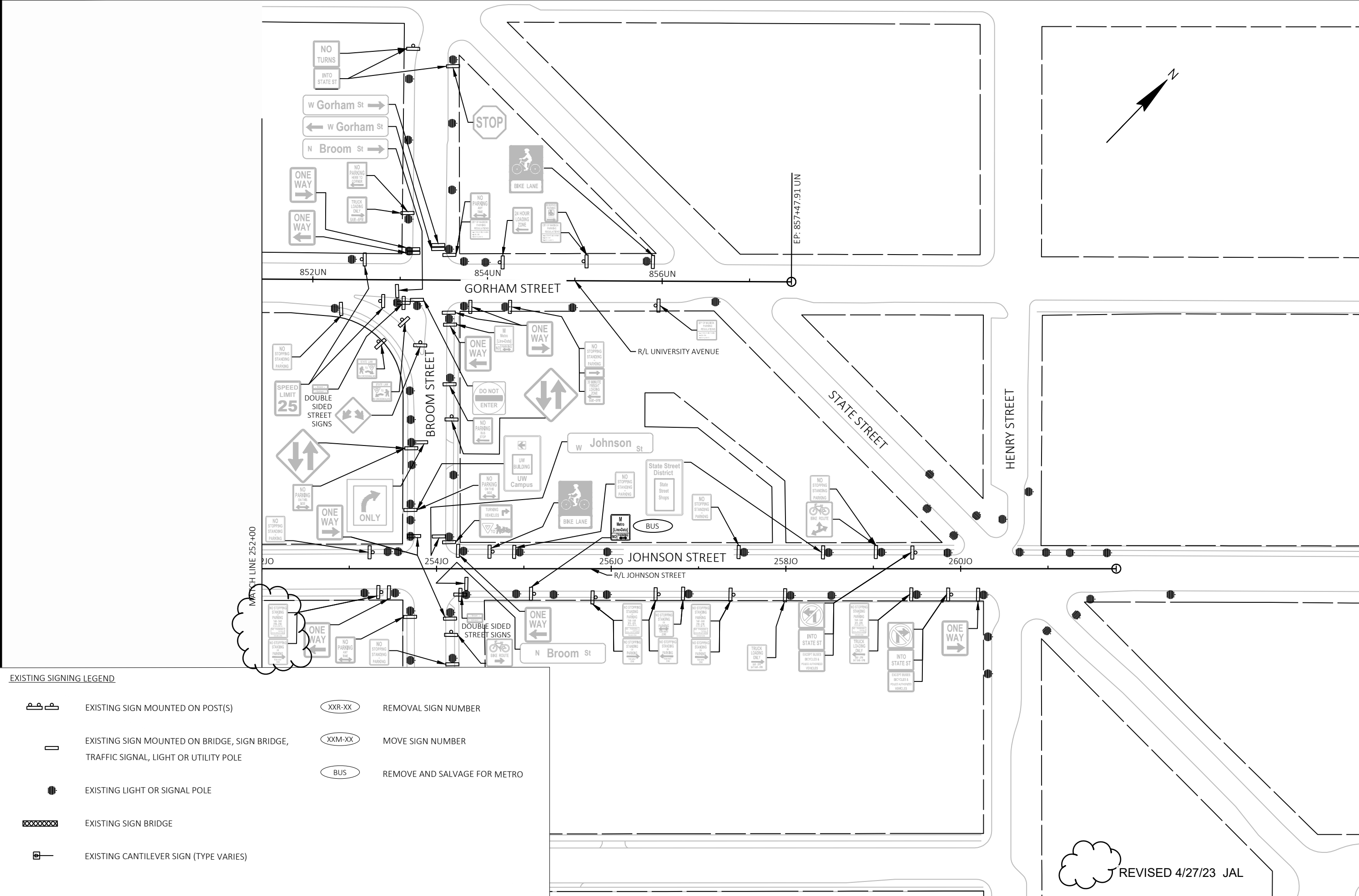
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REVIS

4/27/23

JAL

SR-33W



EXISTING SIGNING LEGEND

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

60631225P

CITY OF MADISON

60631225P

SR-34W

EXISTING SIGNING & SIGN REMOVALS

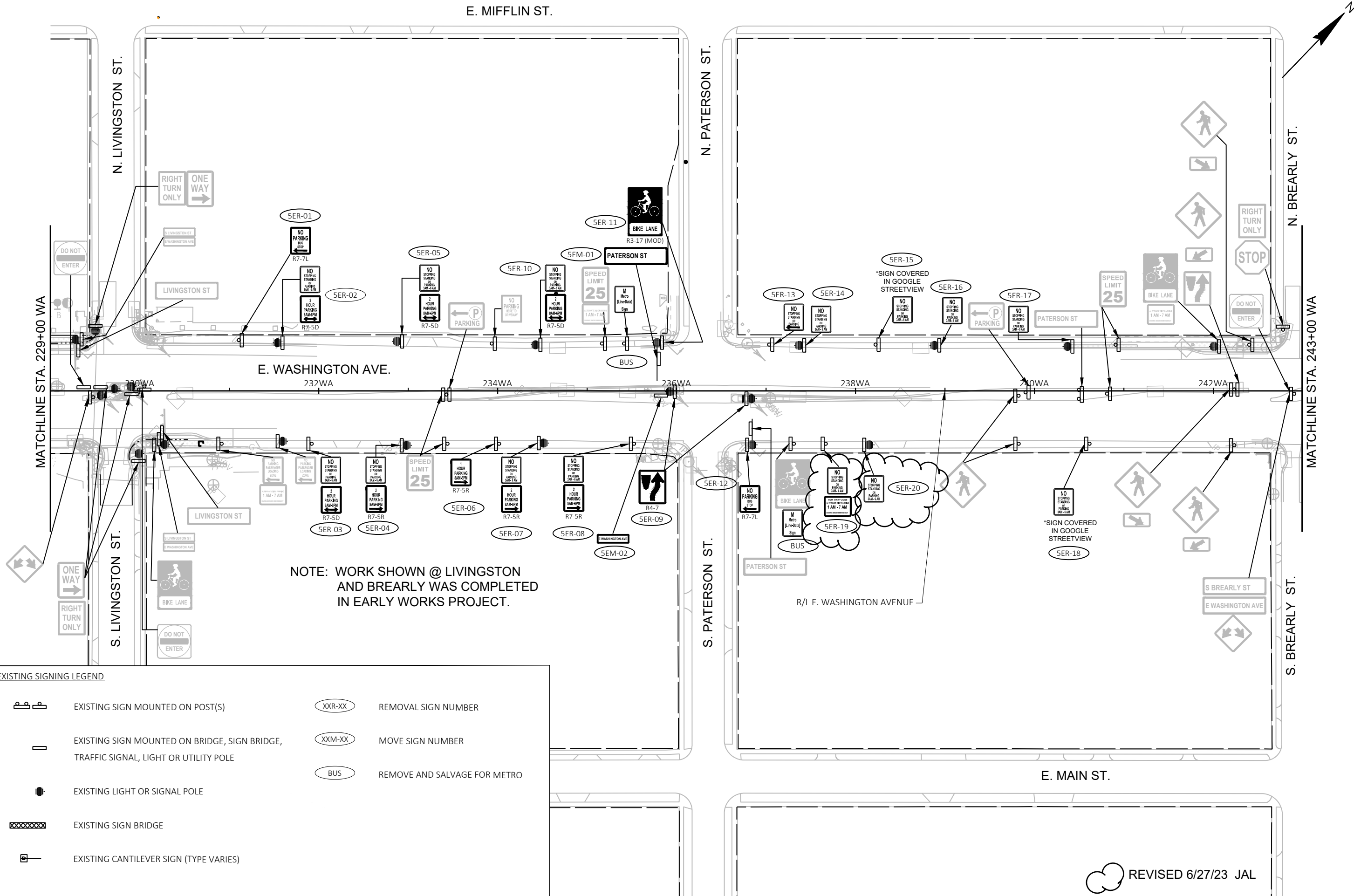
BUS RAPID TRANSIT



CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4	4/27/23	JAL
REVISION	DATE	BY
Designed By: KL ENG Date: 2023-04-27		
60631225P		
Scale: 1"=100 FT		



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) | | |

REVISED 6/27/23 JAL

PLAN REVISION 4	DATE	BY
6/27/23	JAL	
REVISION	DATE	BY
6/27/23	JAL	
MARK	DESIGNED BY: KL ENG	DATE: 2023-06-22
60631225P	60631225P	Scale: 1"=100 FT

60631225P

CITY OF MADISON, DANE COUNTY, WI

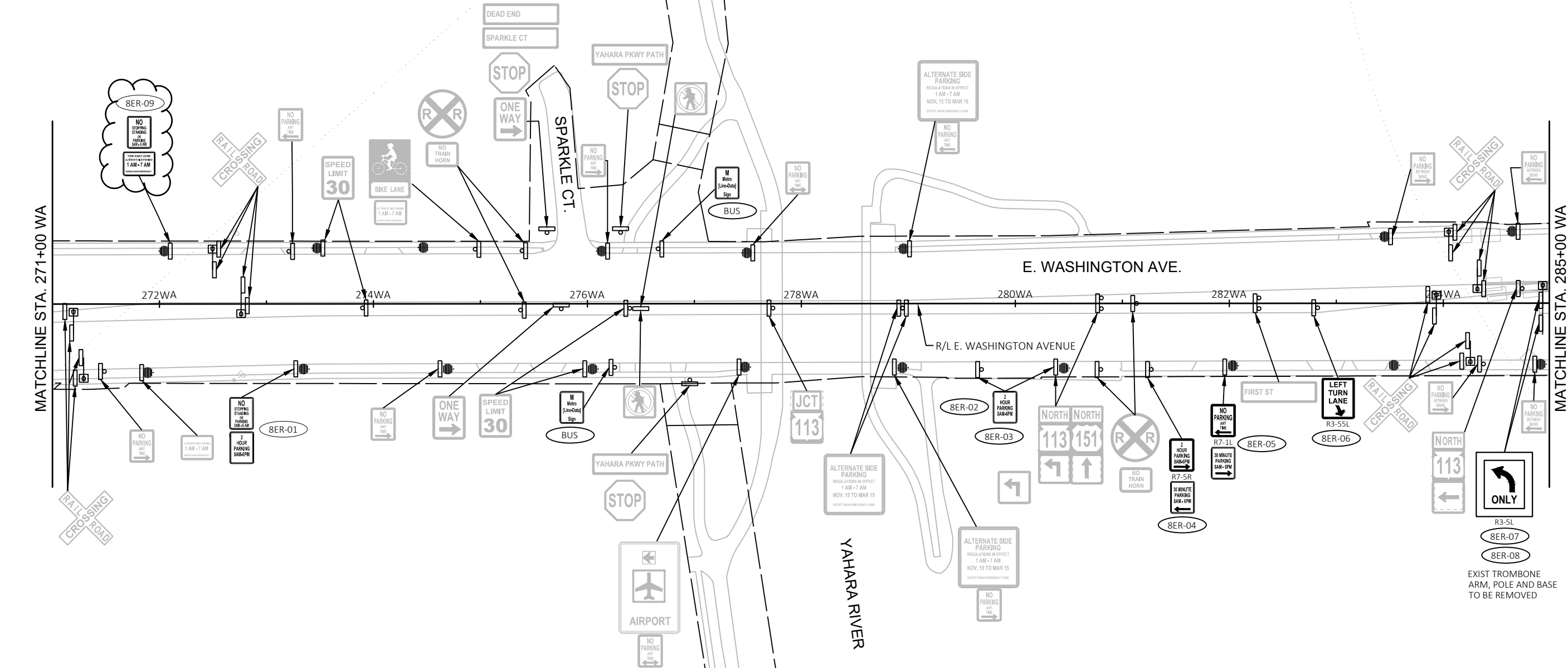
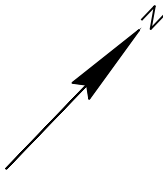
CONTRACT NO: 60631225C

EXISTING SIGNING & SIGN REMOVALS
BUS RAPID TRANSIT
CITY OF MADISON



60631225P
SR-5E

MATCHLINE STA. 271+00 WA



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) | | |



REVISED 6/27/23 JAL

60631225P

CITY OF MADISON, DANE COUNTY, WI

EXISTING SIGNING & SIGN REMOVALS

BUS RAPID TRANSIT

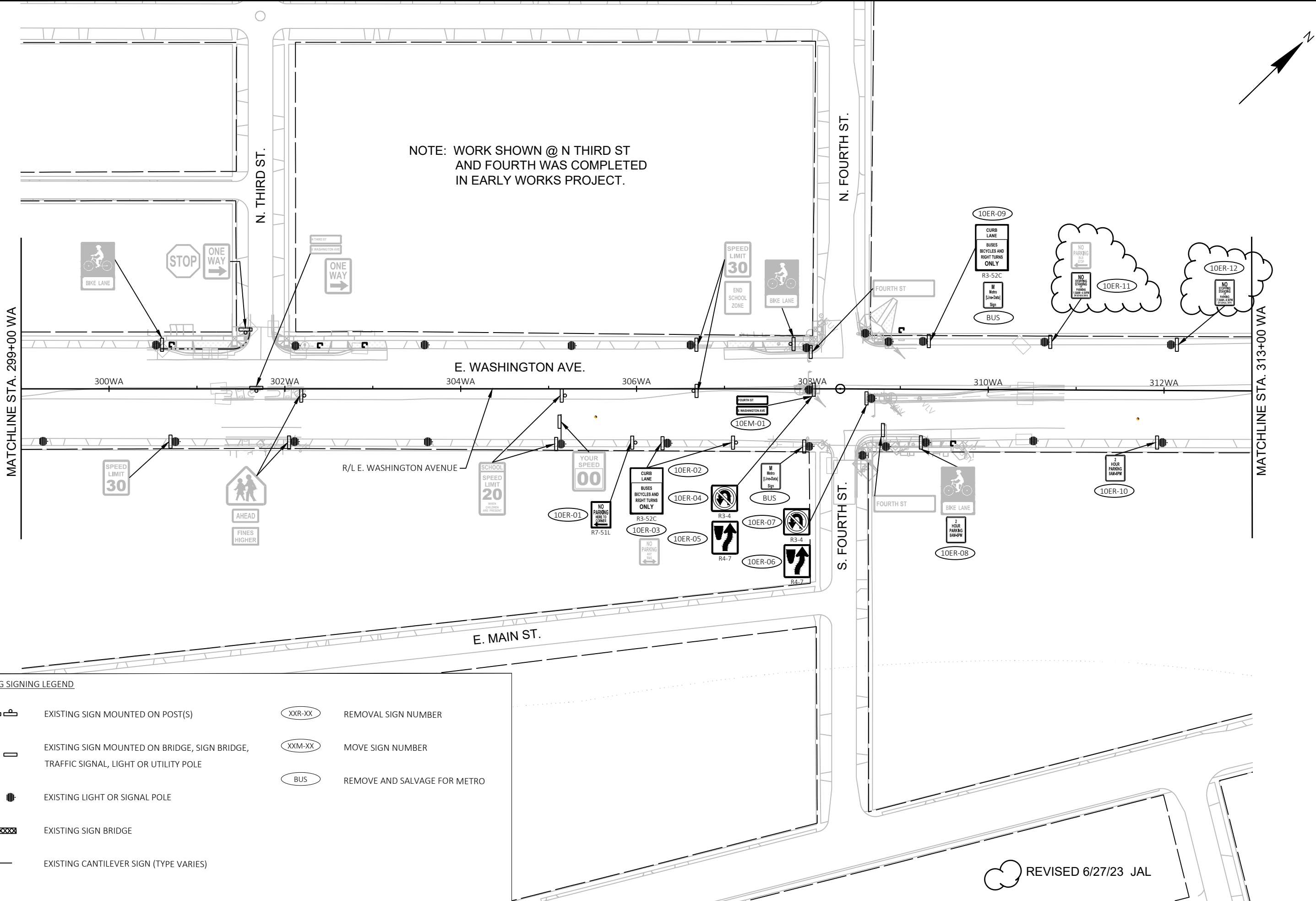


60631225P

SR-8E

CONTRACT NO: 60631225C

PLAN REVISION 4	DATE	BY
REVISION	6/27/23	JAL
Designed By: KL Eng	Date: 2023-06-22	Scale: 1"=100 FT
60631225P		



60631225P		PLAN REVISION 4		DATE	BY
60631225P		REVISION		2023-06-26	JAL
60631225P		Designed By: KL ENG		Scale: 1"=100 FT	
60631225P		CITY OF MADISON		CONTRACT NO: 60631225C	
60631225P		BUS RAPID TRANSIT		CITY OF MADISON	
60631225P		EXISTING SIGNING & SIGN REMOVALS		CITY OF MADISON, DANE COUNTY, WI	
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60631225P		REVISED 6/27/23 JAL		LAYOUT NAME - 023210_P5-10E	
60631225P		LAST PLOT DATE - 2023-06-26			

SIGNING LEGEND



EXISTING SIGN MOUNTED ON POST(S)



EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



PROPOSED SIGN MOUNTED ON POST(S)



PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



EXISTING LIGHT OR SIGNAL POLE



PROPOSED MONOTUBE ARM



PROPOSED TROMBONE ARM



PROPOSED SIGN NUMBER



REMOVAL SIGN NUMBER



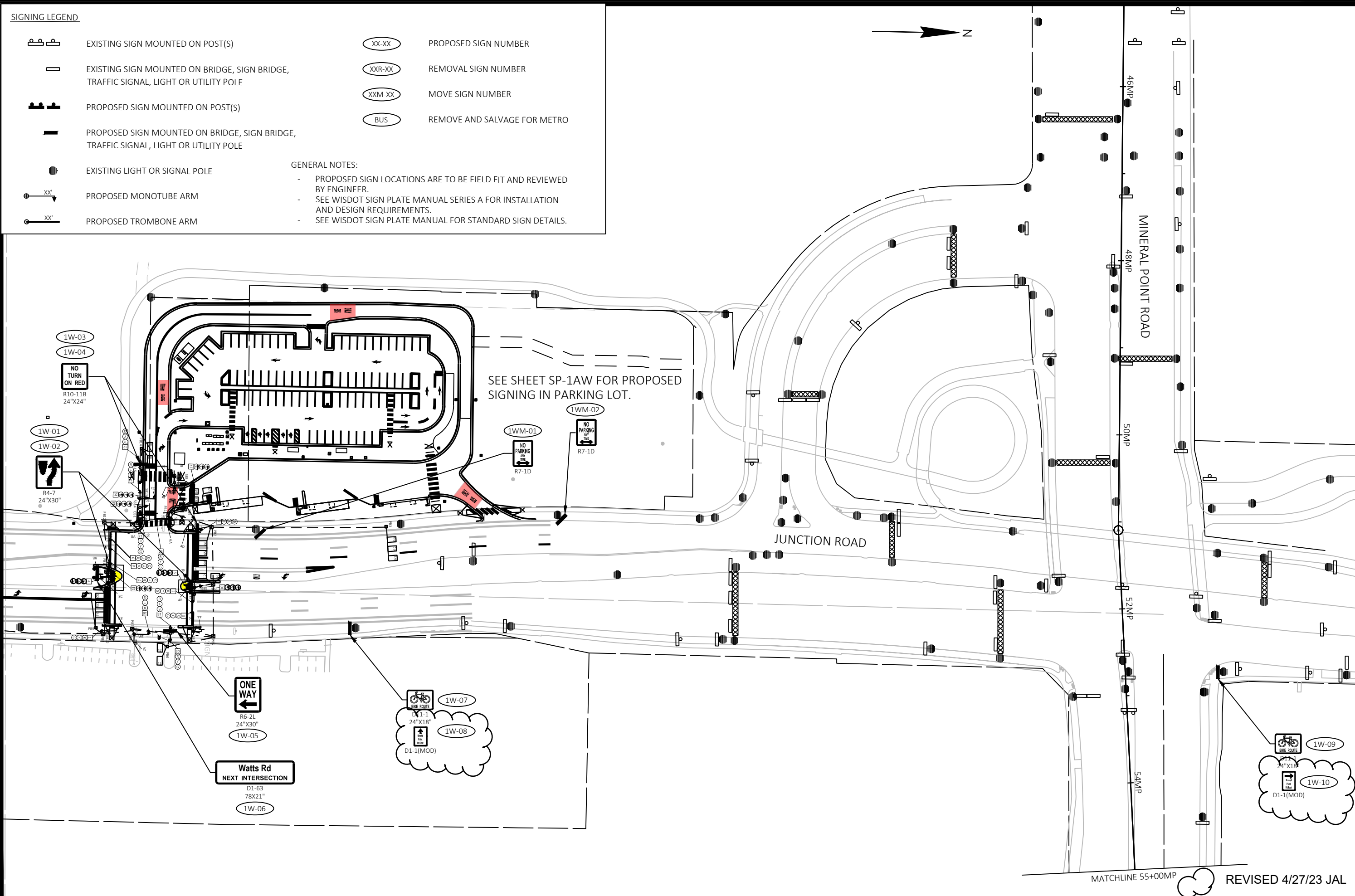
MOVE SIGN NUMBER



REMOVE AND SALVAGE FOR METRO

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.



PLAN	4/27/23	JAL
REVISION	2023-04-27	60631225P
DATE	2023-04-27	60631225P
BY		
MARK		
Designed By: KL ENG		

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



60631225P
SP-1W

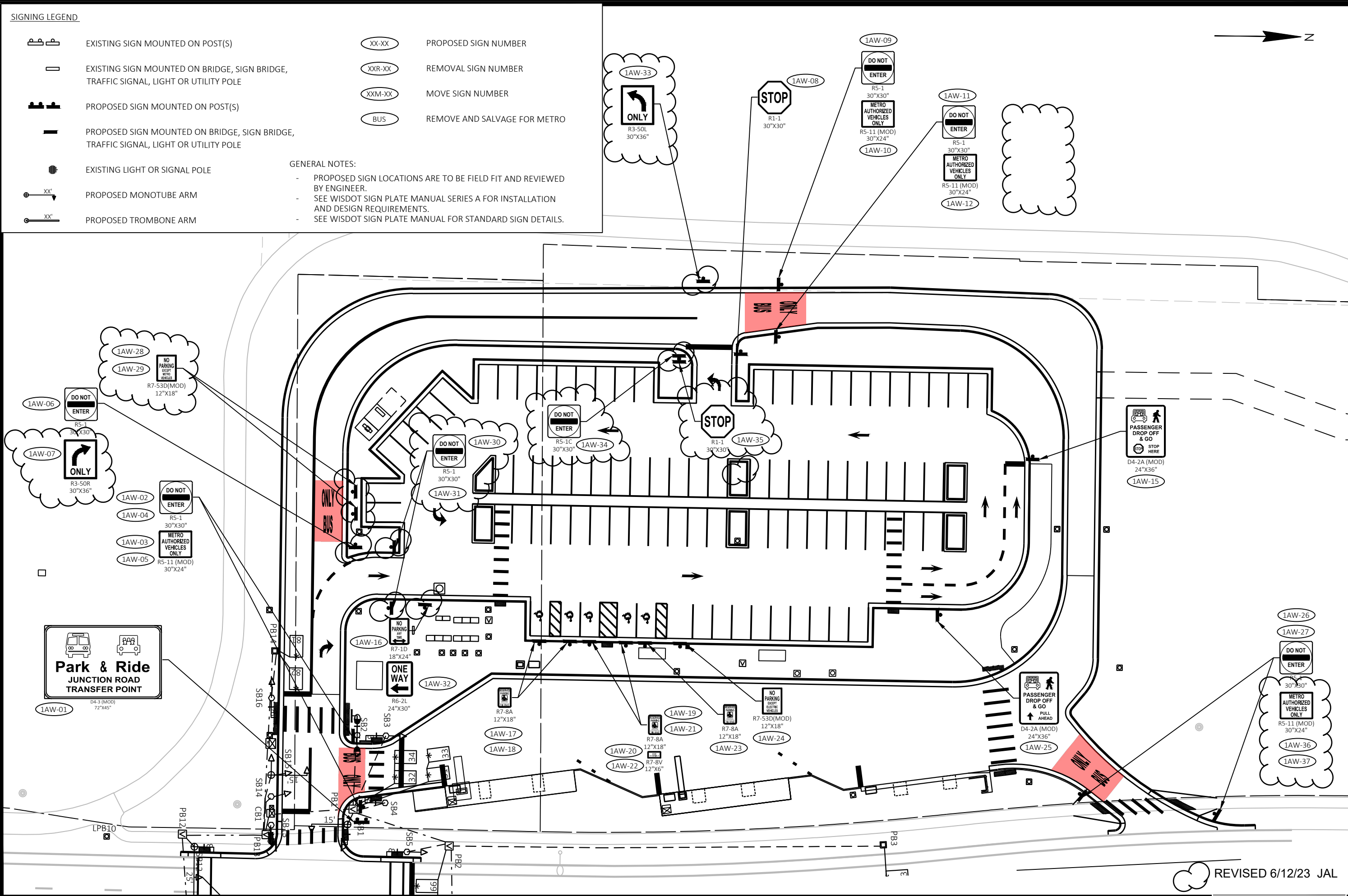
SIGNING LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
-  EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
-  PROPOSED SIGN MOUNTED ON POST(S)
-  PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
-  EXISTING LIGHT OR SIGNAL POLE
-  PROPOSED MONOTUBE ARM
-  PROPOSED TROMBONE ARM

-  PROPOSED SIGN NUMBER
-  REMOVAL SIGN NUMBER
-  MOVE SIGN NUMBER
-  REMOVE AND SALVAGE FOR METRO

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.



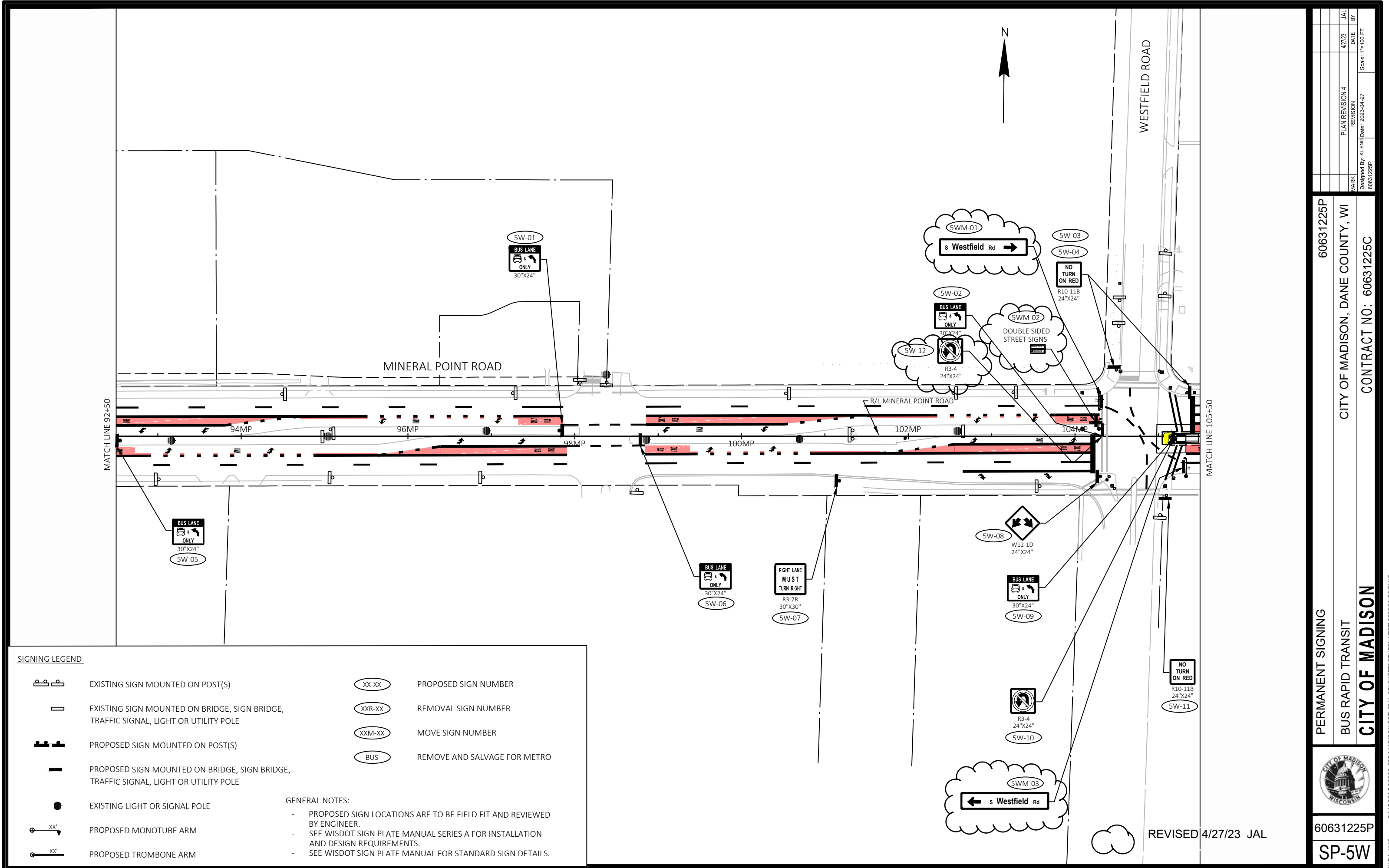
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REVISION	4	DATE	2023-06-13
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60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

PERMANENT SIGNING
BUS RAPID TRANSIT
CITY OF MADISON



60631225P
SP-1AW



MARK	DESIGNED BY: KL ENG	DATE: 2023-04-27	Scale: 1"=100 FT
PLAN REVISION 4	4/27/23	JAL	BY
REVISION	DATE	BY	

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

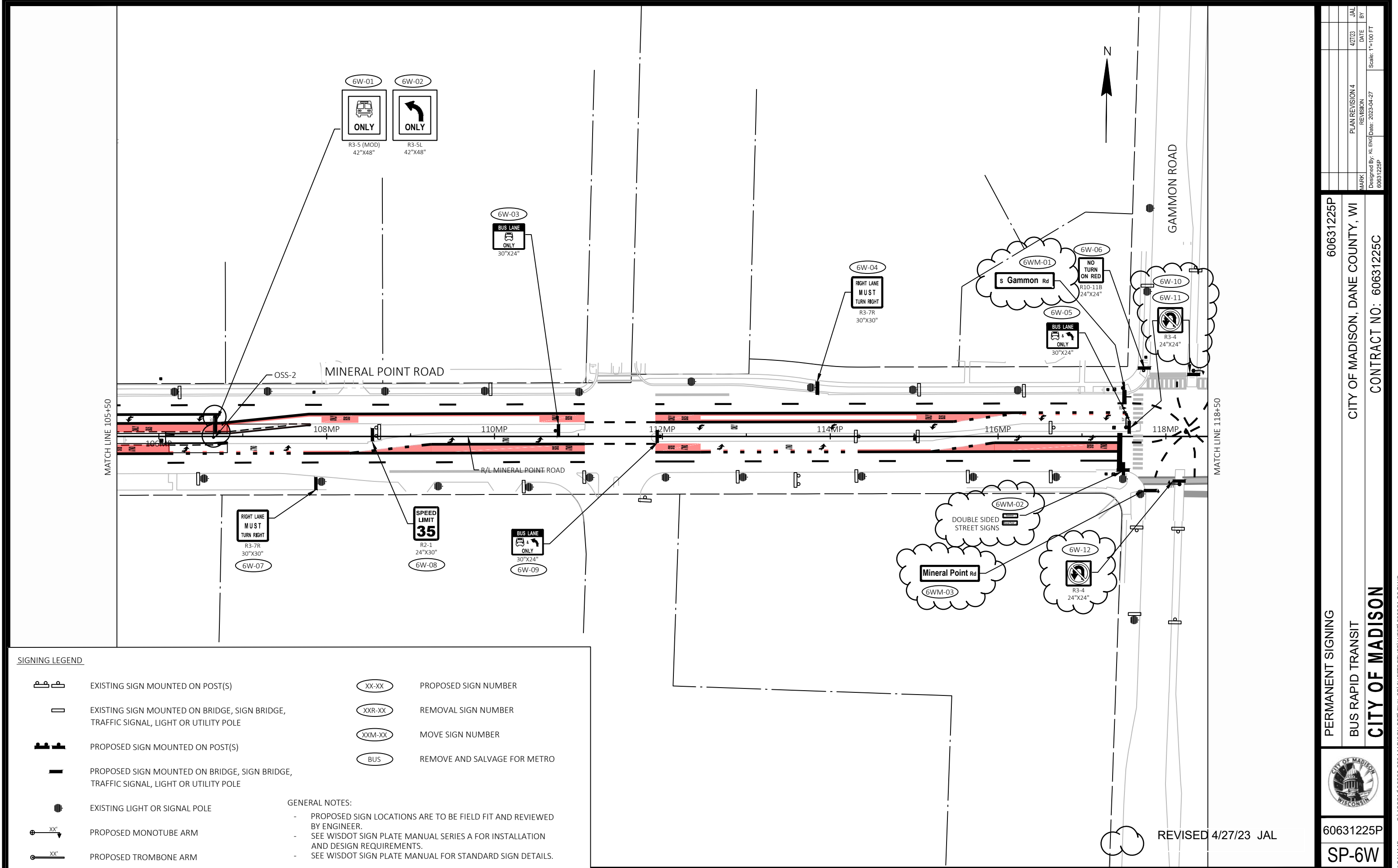
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BUS RAPID TRANSIT

CITY OF MADISON

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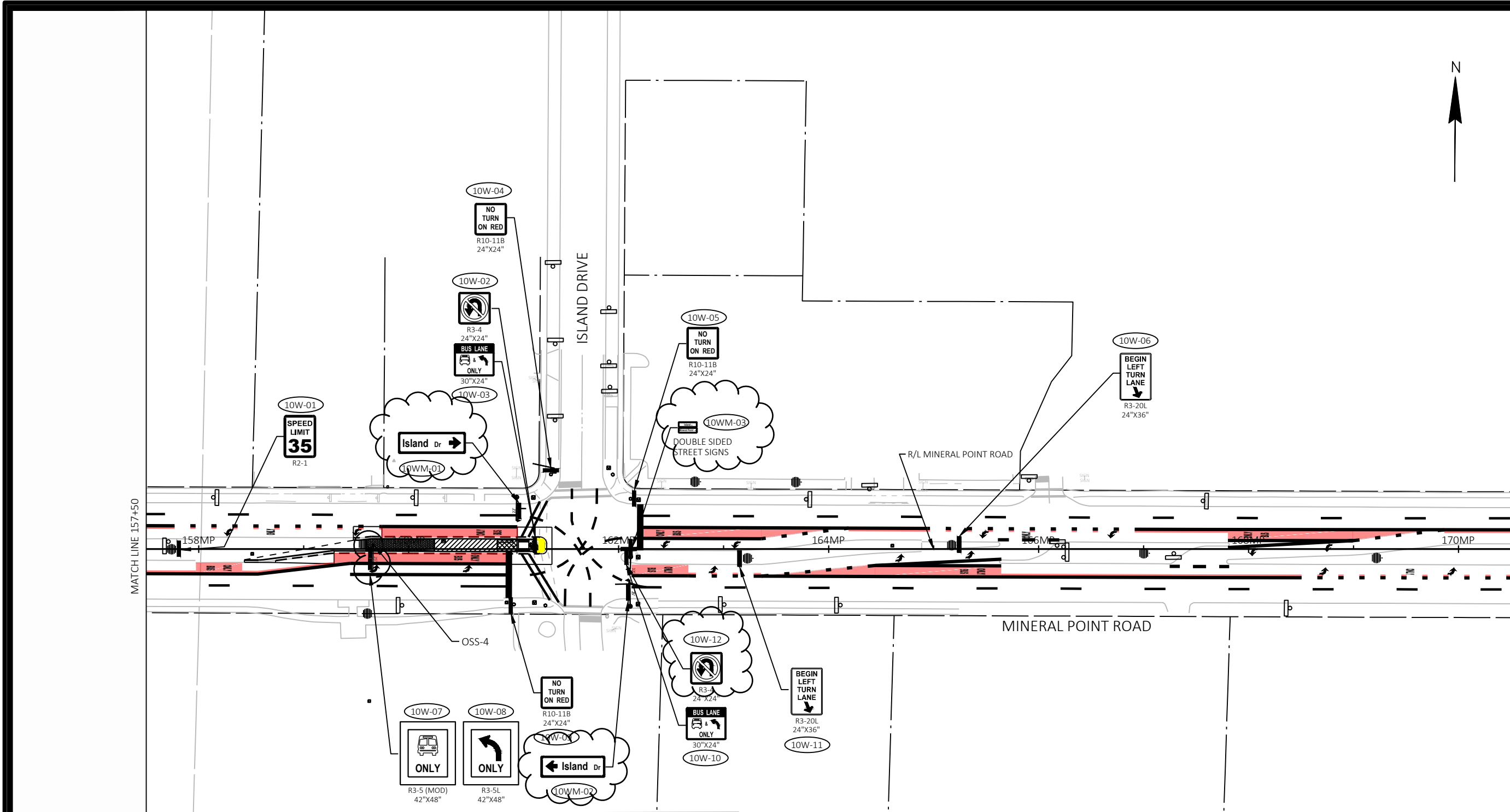
SP-5W



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.	

	60631225P	60631225P	60631225P
	SP-6W	CONTRACT NO: 60631225C	60631225P
	CITY OF MADISON		
	BUS RAPID TRANSIT		
PERMANENT SIGNING			
CITY OF MADISON, DANE COUNTY, WI			
PLAN REVISION 4			
REVISION			
DATE 4/27/23			
BY JAL			
Designed By: KL ENG			
Date: 2023-04-27			
Scale: 1"=100 FT			
60631225P			



EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE

EXISTING LIGHT OR SIGNAL POLE

PROPOSED MONOTUBE ARM

PROPOSED TROMBONE ARM

XX-XX

PROPOSED SIGN NUMBER

XXR-XX

REMOVAL SIGN NUMBER

XXM-XX

MOVE SIGN NUMBER

BUS

REMOVE AND SALVAGE FOR METRO

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.

MARK	PLAN REVISION 4	DATE	BY
60631225P	42723	2023-04-27	JAL
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60631225P	DESIGNED BY: KL ENG	DATE: 2023-04-27	Scale: 1"=100 FT

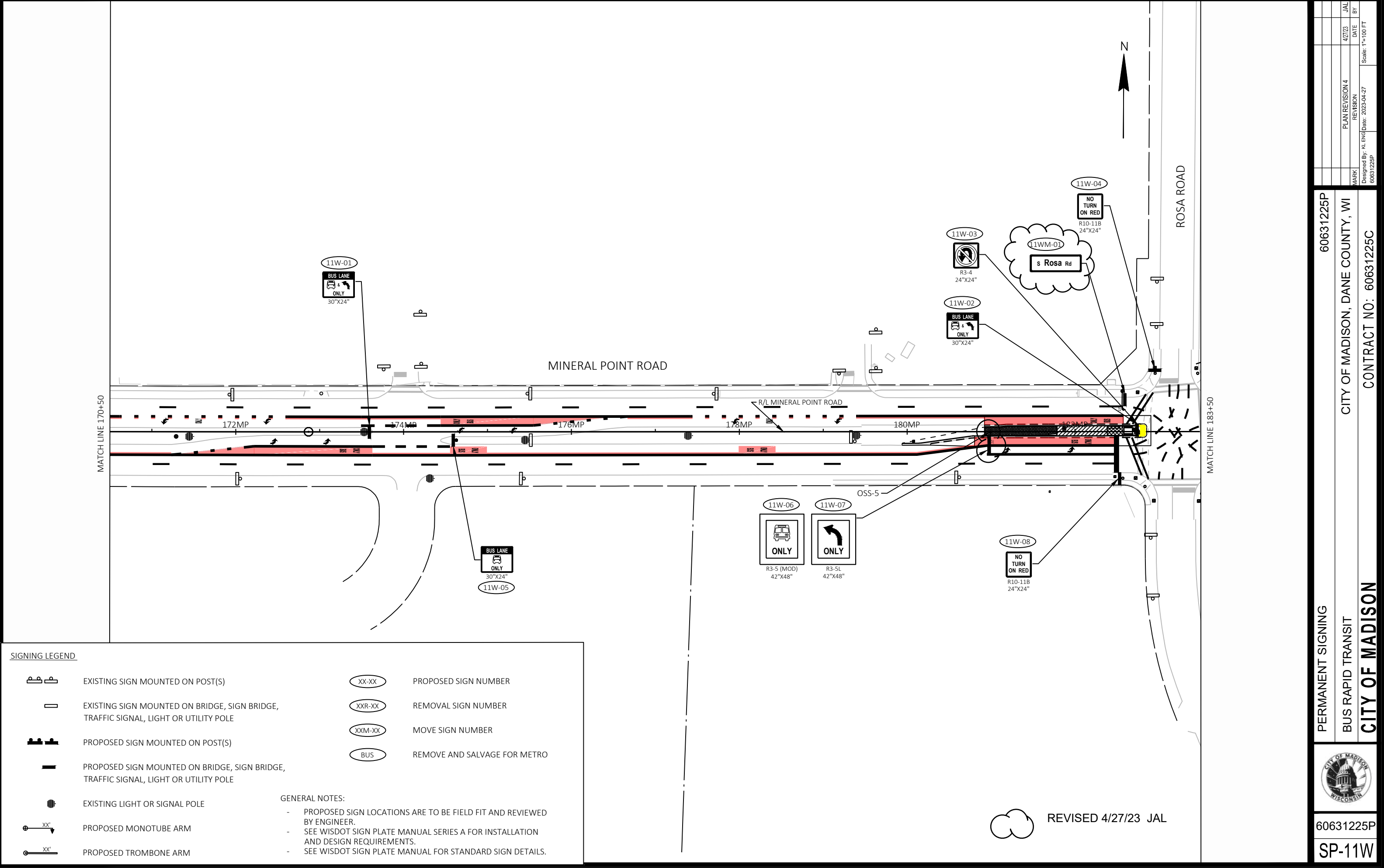
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CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

PERMANENT SIGNING
BUS RAPID TRANSIT
CITY OF MADISON



60631225P
SP-10W

REVISED 4/27/23 JAL



SIGNING LEGEND

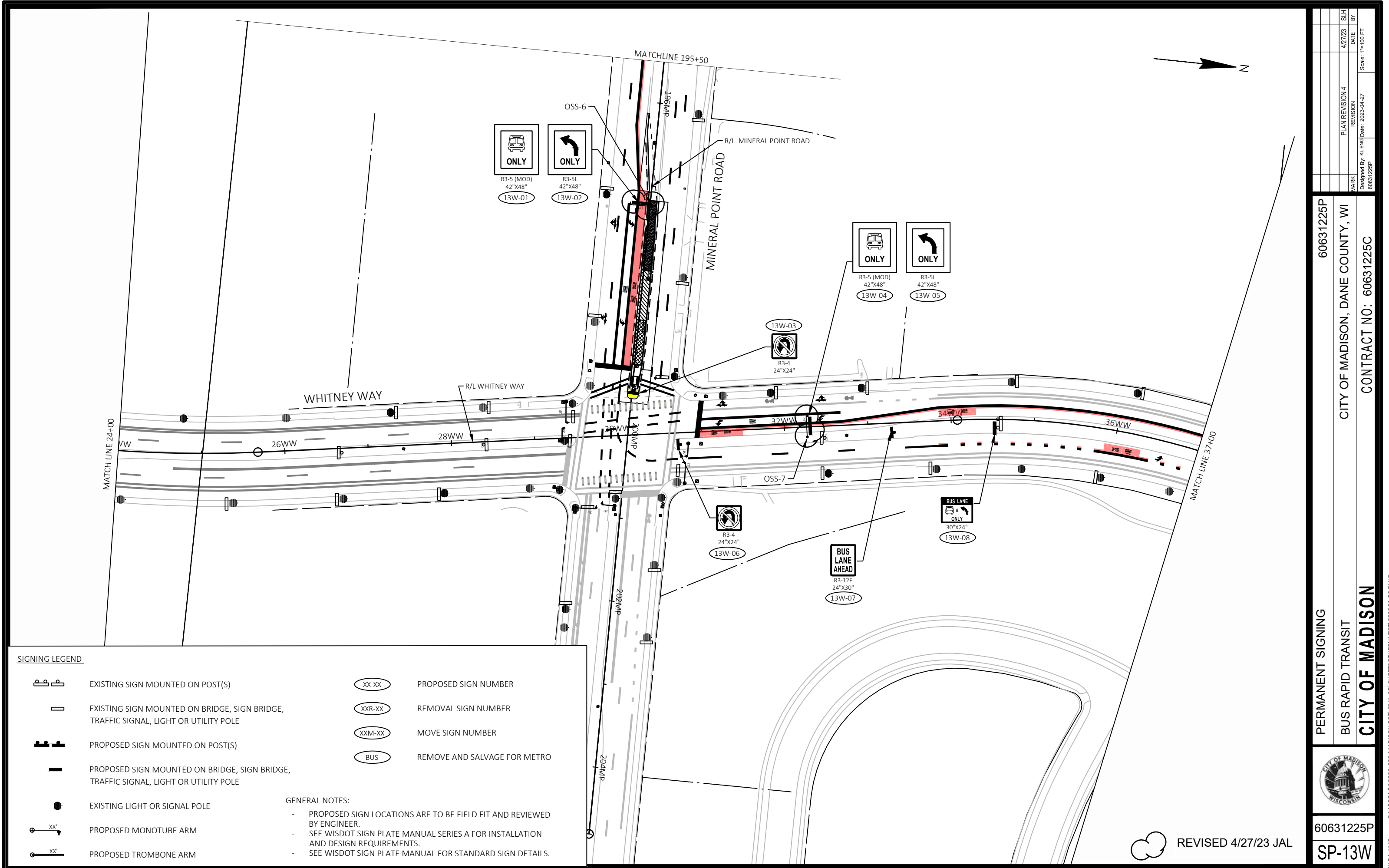
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	EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE		REMOVAL SIGN NUMBER
	PROPOSED SIGN MOUNTED ON POST(S)		MOVE SIGN NUMBER
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE		REMOVE 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.	

REVISED 4/27/23 JAL

	PERMANENT SIGNING	60631225P	CITY OF MADISON CONTRACT NO: 60631225C	
	BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI		
	PLAN REVISION 4			
	REVISION			
MARK		Designed By: KL ENG	Date: 2023-04-27	Scale: 1"=100 FT
60631225P		JAL		
427/23		DATE		
BY		60631225P		
FILE NAME :		G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\WEST\023201-PS.DWG		
LAYOUT NAME :		MP09-11W		
LAST PLOT DATE :		2023-04-27		
60631225P		SP-11W		



MARK	REVISION	DATE	BY
Designed By: KL ENG		Date: 2023-04-27	Scale: 1"=100 FT
60631225P			



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		
	PROPOSED MONOTUBE ARM		
	PROPOSED TROMBONE ARM		

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.

	PERMANENT SIGNING	60631225P	PLAN REVISION 4 REVISION DATE: 2023-04-27 Scale: 1"=100 FT
	BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI	
	CONTRACT NO: 60631225C		
	60631225P SP-13W		

FILE NAME : G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\WEST\023201-PS.DWG
LAST PLOT DATE : 2023-04-27
LAYOUT NAME - WW3-13W

REVISED 4/27/23 JAL

SIGNING LEGEND



EXISTING SIGN MOUNTED ON POST(S)



EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



PROPOSED SIGN MOUNTED ON POST(S)



PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



EXISTING LIGHT OR SIGNAL POLE



PROPOSED MONOTUBE ARM



PROPOSED TROMBONE ARM

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.

XX-XX

PROPOSED SIGN NUMBER

XXR-XX

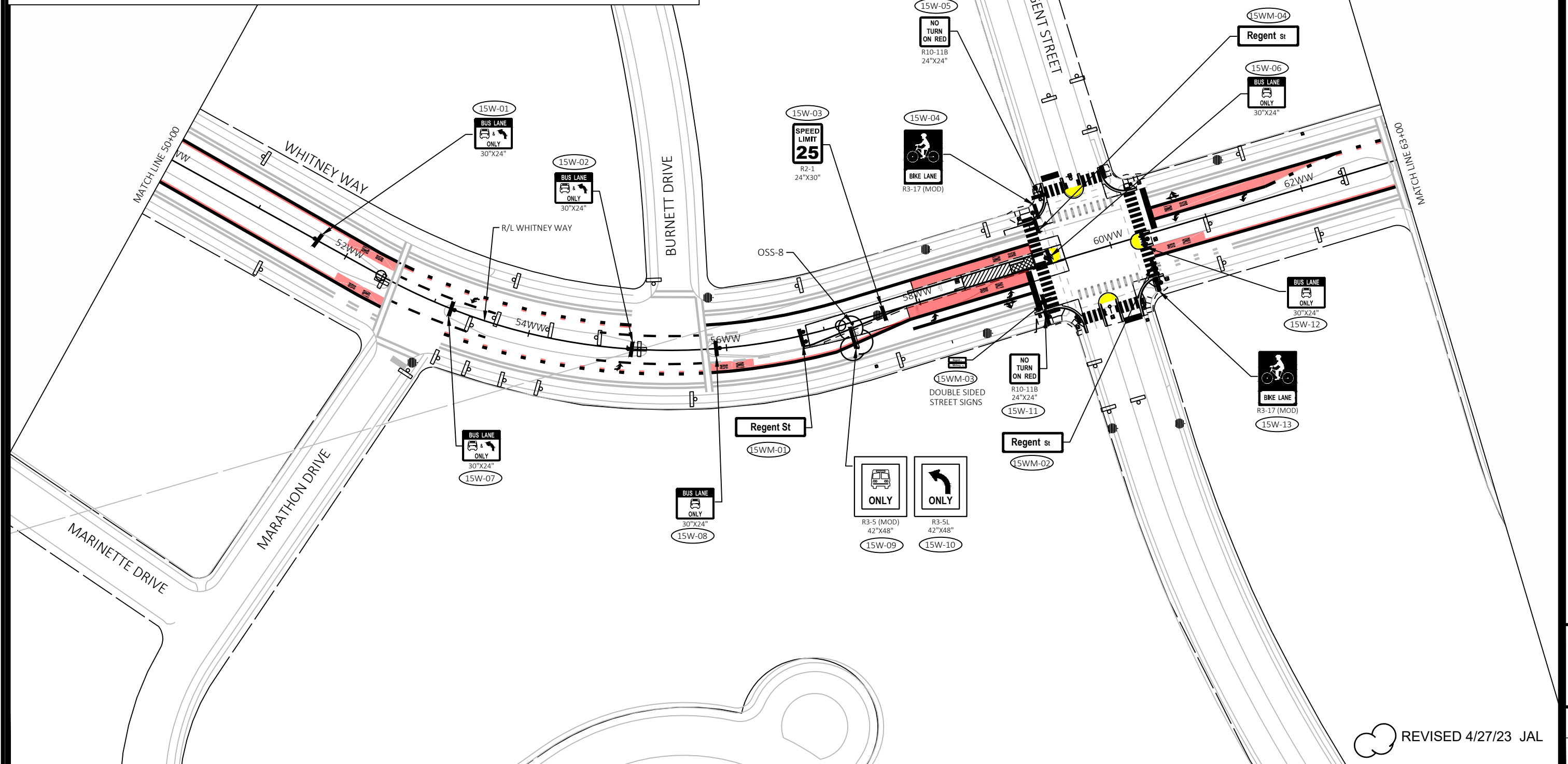
REMOVAL SIGN NUMBER

XXM-XX

MOVE SIGN NUMBER

BUS

REMOVE AND SALVAGE FOR METRO

 REVISED 4/27/23 JAL

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PERMANENT SIGNING

BUS RAPID TRANSIT

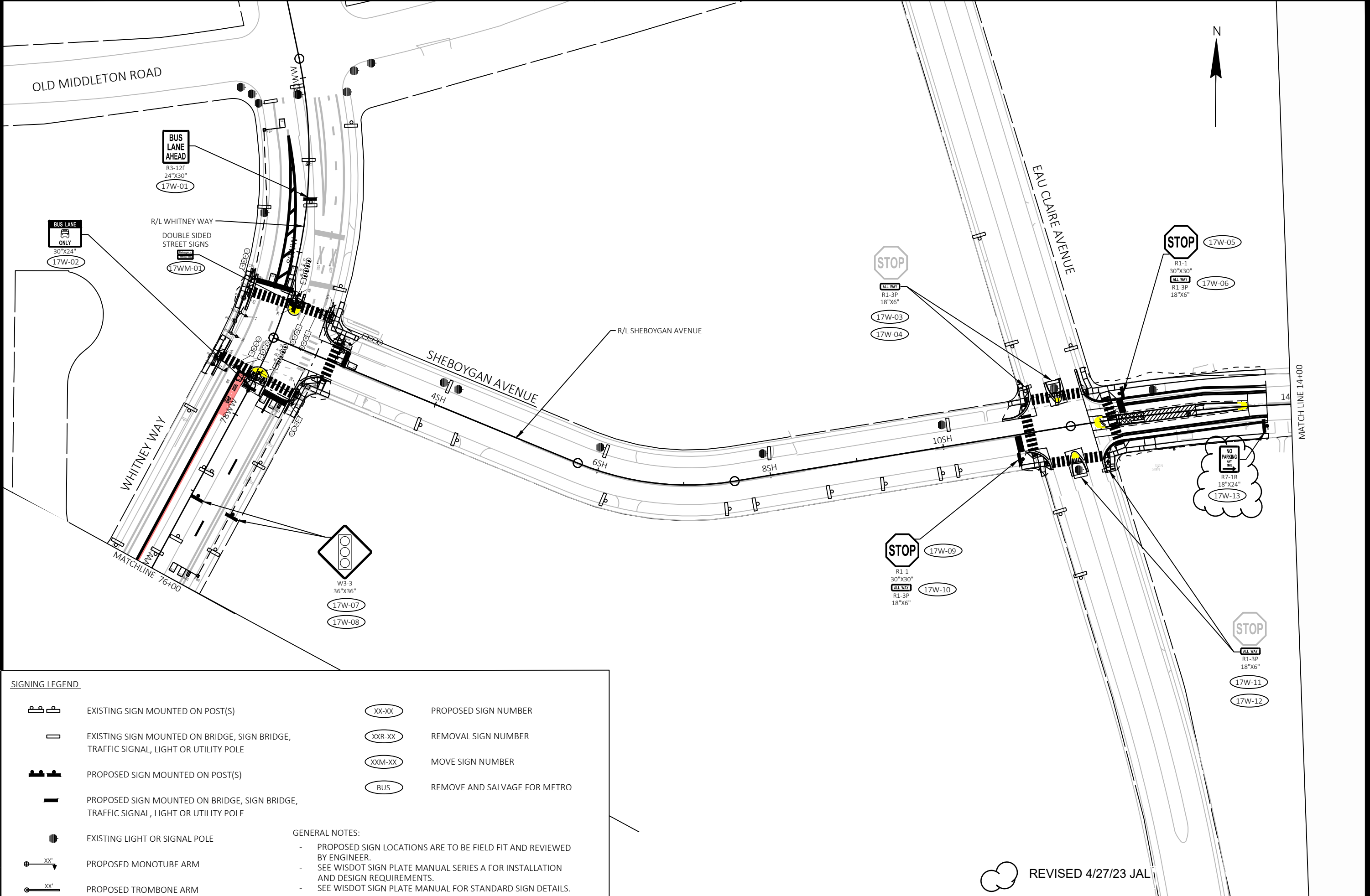
CITY OF MADISON



60631225P

SP-15W

FILE NAME : G:\AECOM\20063-000 MADISON BR\3\CIVIL 3D\SHEET\OTHER\WEST\023201-PS.DWG
LAYOUT NAME - WW5-15W LAST PLOT DATE - 2023-04-27



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.	

REVISED 4/27/23 JAL

	PERMANENT SIGNING	60631225P	CITY OF MADISON CONTRACT NO: 60631225C
	BUS RAPID TRANSIT		
	CITY OF MADISON		
	60631225P		
SP-17W			

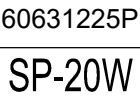
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LAYOUT NAME - SH1-17W
LAST PLOT DATE - 2023-04-27

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 SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER. - SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS. - SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.	
	PROPOSED MONOTUBE ARM		
	PROPOSED TROMBONE ARM		

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
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- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.



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



SIGNING LEGEND



EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



PROPOSED MONOTUBE ARM



GENERAL NOTES:

- XX-XX

XXR-XX

XXM-XX

BUS

REMOVE AND SALVAGE FOR METRO



60631225P

60631225P
CITY OF MADISON, DANE COUNTY, WI

6063
OF MADISON, DANE COUNTY
CONTRACT NO: 60631225C

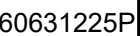
PERMANENT SIGNING

PERMANENT SIGNING	BUS RAPID TRANSIT
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PERMANENT SIGNING

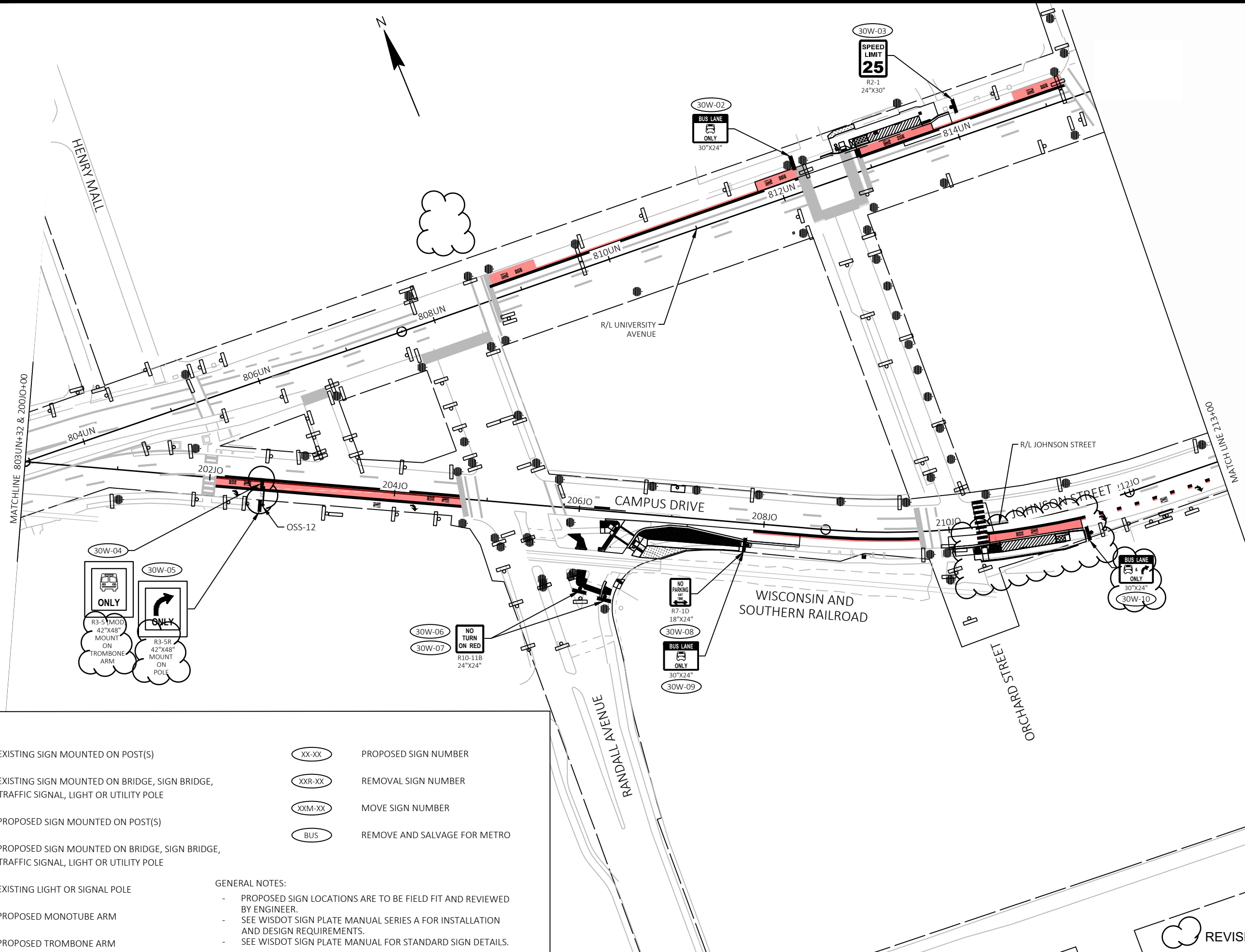
BUS RAPID TRANSIT

CITY OF MADISON



SP-29W

FILE NAME : G:\AECOM\20063-000 MADISON BR\3D\SHEET\OTHER\WEST\023201-PS.DWG
LAYOUT NAME - UC10-29W LAST PLOT DATE - 2023-04-27



SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- EXISTING LIGHT OR SIGNAL POLE
- PROPOSED MONOTUBE ARM
- PROPOSED TROMBONE ARM

- PROPOSED SIGN NUMBER
- REMOVAL SIGN NUMBER
- MOVE SIGN NUMBER
- REMOVE AND SALVAGE FOR METRO

GENERAL NOTES:

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PERMANENT SIGNING	60631225P	CITY OF MADISON	CONTRACT NO: 60631225C
BUS RAPID TRANSIT			
CITY OF MADISON			
60631225P			
SP-30W			

REVISIION 4
DATE 4/27/23
BY JAL

Designed By: KL ENG
Date: 2023-05-05
Scale: 1"=100 FT
60631225P

FILE NAME : G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\WEST\023201-PS.DWG
LAST PLOT DATE : 2023-05-05
LAYOUT NAME - J01-30W

REVISED 4/27/23 JAL

SIGNING LEGEND



EXISTING SIGN MOUNTED ON POST(S)



EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



PROPOSED SIGN MOUNTED ON POST(S)



PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE,
TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



EXISTING LIGHT OR SIGNAL POLE



PROPOSED MONOTUBE ARM



PROPOSED TROMBONE ARM

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XX-XX

PROPOSED SIGN NUMBER

XXR-XX

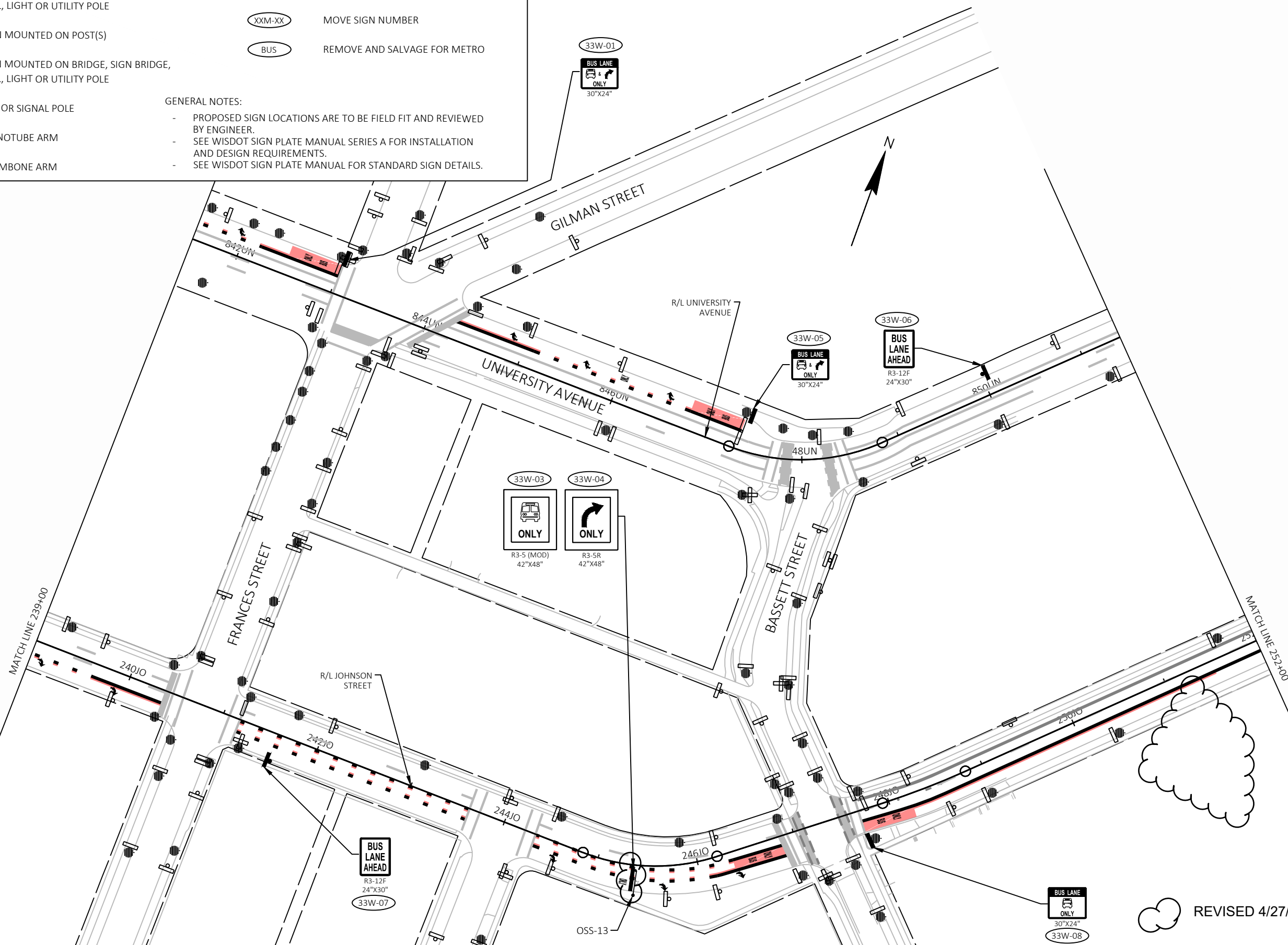
REMOVAL SIGN NUMBER

XXM-XX

MOVE SIGN NUMBER

BUS

REMOVE AND SALVAGE FOR METRO



REVISÉD 4/27/23 JAL



PERMANENT SIGNING

BUS RAPID TRANSIT

CITY OF MADISON

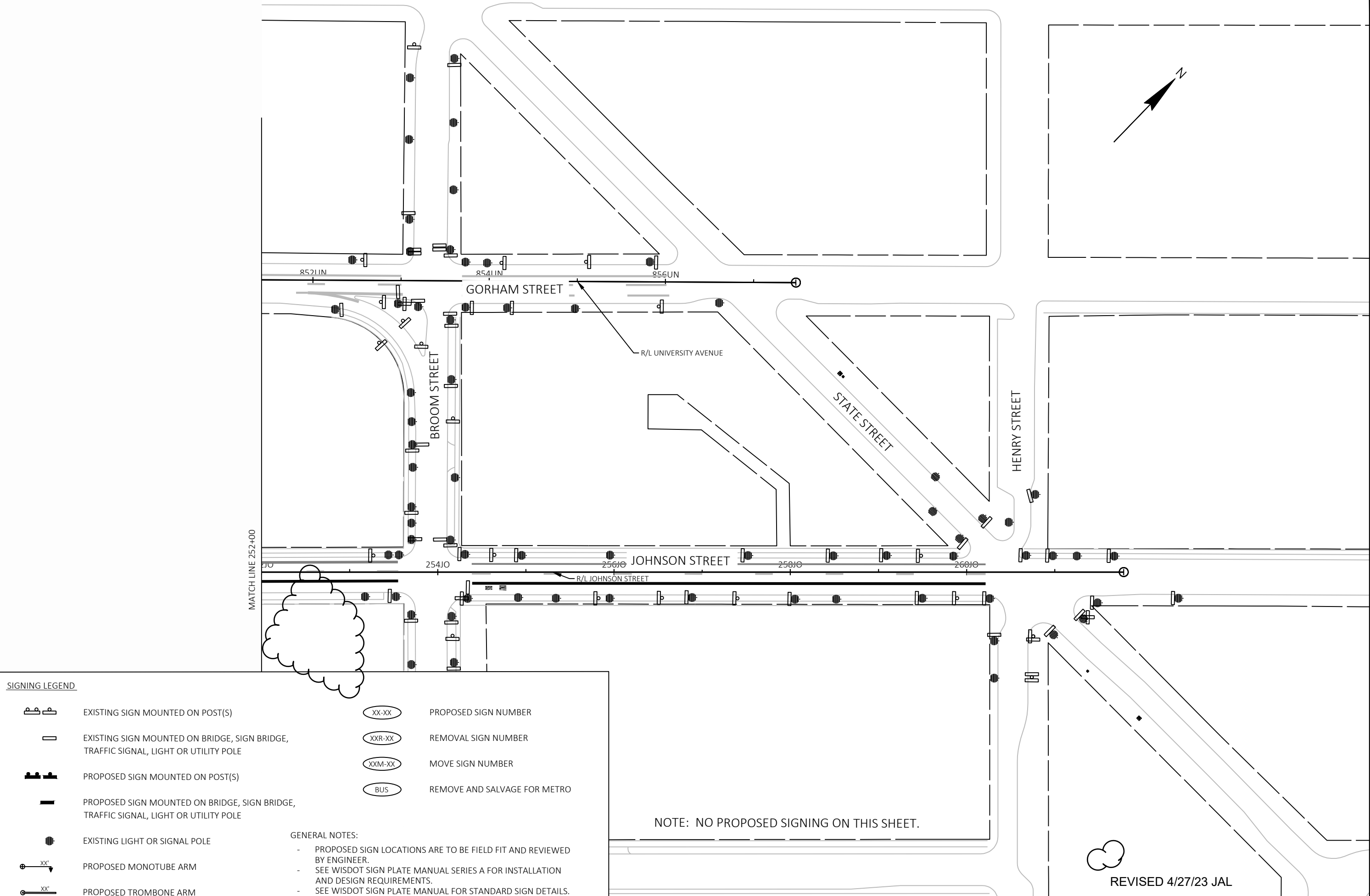
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CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

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FILE NAME : G:\AECOM\20063-000 MADISON BR\3D\SHEETS\OTHER\WEST\023201-PS.DWG
LAYOUT NAME : 104-33W
LAST PLOT DATE : 2023-04-27



SIGNING LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE

EXISTING LIGHT OR SIGNAL POLE

PROPOSED MONOTUBE ARM

PROPOSED TROMBONE ARM

PROPOSED SIGN NUMBER

REMOVAL SIGN NUMBER

MOVE SIGN NUMBER

REMOVE AND SALVAGE FOR METRO

GENERAL NOTES:

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NOTE: NO PROPOSED SIGNING ON THIS SHEET.

REVISED 4/27/23 JAL

60631225P

CITY OF MADISON

PERMANENT SIGNING

BUS RAPID TRANSIT

60631225P

SP-34W

60631225P

CITY OF MADISON, DANE COUNTY, WI

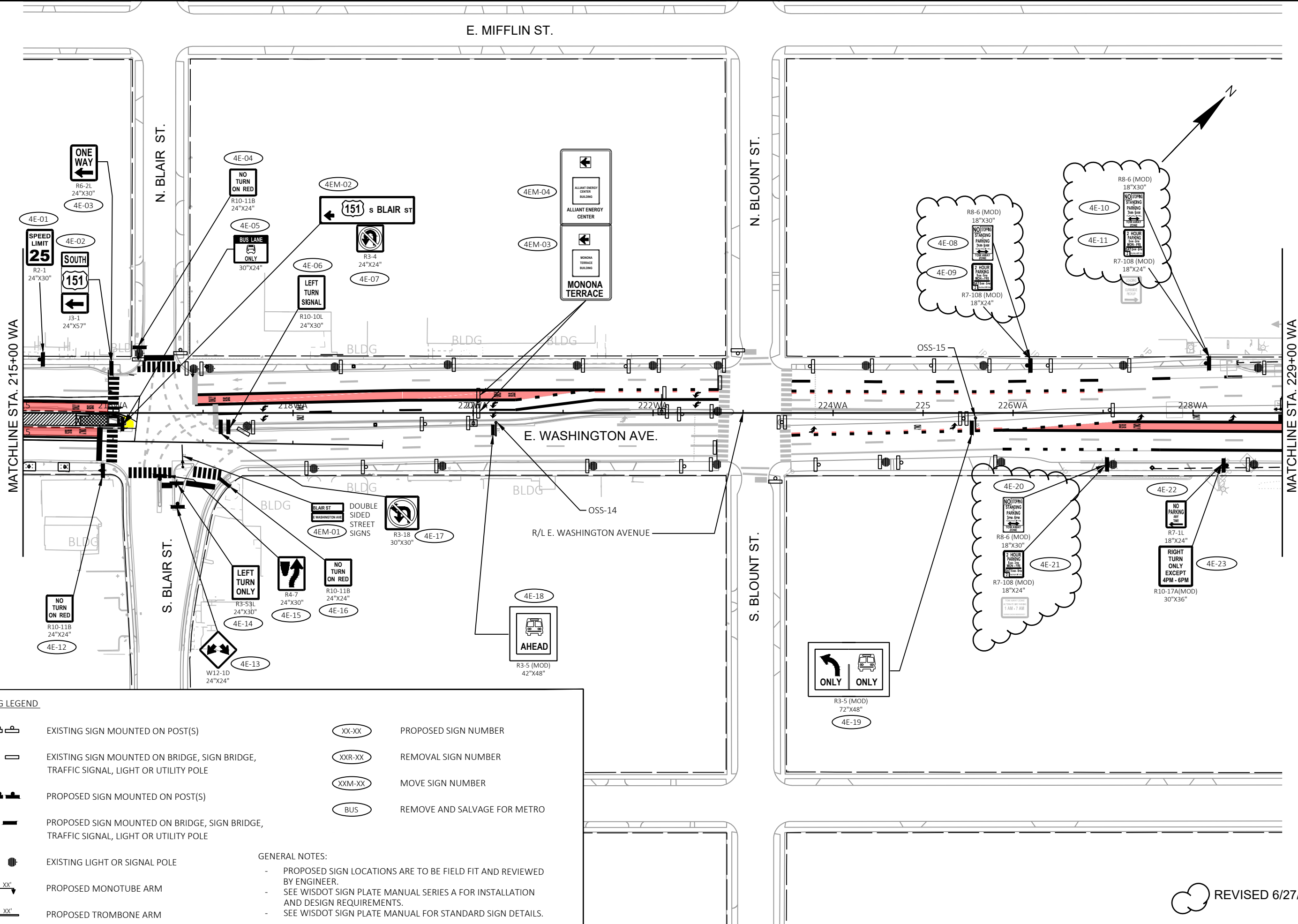
CONTRACT NO: 60631225C

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

Designed By: KL ENG
60631225P

Date: 2023-04-27

Scale: 1"=100 FT

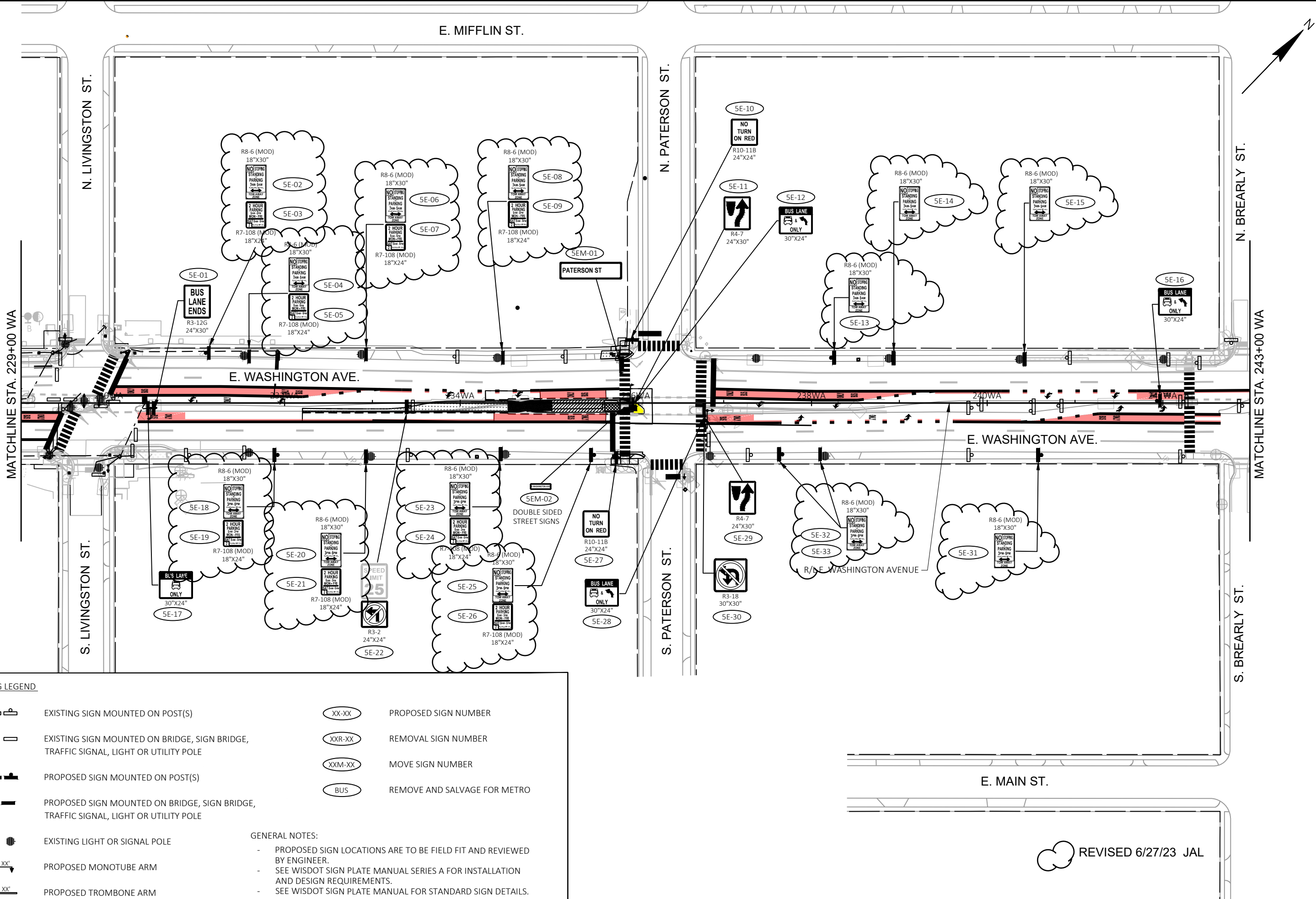


SIGNING LEGEND

- | | | | |
|--|---|--|------------------------------|
| | 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 | | |
| | PROPOSED MONOTUBE ARM | | |
| | PROPOSED TROMBONE ARM | | |
- GENERAL NOTES:
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PERMANENT SIGNING	BUS RAPID TRANSIT	CITY OF MADISON	60631225P	60631225C
			CITY OF MADISON, DANE COUNTY, WI	
			CONTRACT NO: 60631225C	
			60631225P	
			SP4-E	
G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\EA\T023201.PS.DWG			60631225P	
LAYOUT NAME - 023204_P5-4E			SP4-E	
FILE NAME :			G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\EA\T023201.PS.DWG	
LAST PLOT DATE :			2023-06-23	
DATE :			6/27/23	
BY :			JAL	
REVISION :			PLAN REVISION 4	
MARK :			Designed By: KL ENG	
			Scale: 1"=100 FT	

REVISED 6/27/23 JAL



SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- EXISTING LIGHT OR SIGNAL POLE
- PROPOSED MONOTUBE ARM
- PROPOSED TROMBONE ARM

- PROPOSED SIGN NUMBER
- REMOVAL SIGN NUMBER
- MOVE SIGN NUMBER
- REMOVE AND SALVAGE FOR METRO

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PLAN REVISION 4	DATE	BY
REVISION	6/27/23	JAL
MARK	DESIGNED BY: KL ENG	DATE: 2023-06-26
60631225P	60631225P	Scale: 1"=100 FT

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PERMANENT SIGNING

BUS RAPID TRANSIT

CITY OF MADISON



60631225P
SP5-E

REVISED 6/27/23 JAL

MATCHLINE STA. 243+00 WA

MATCHLINE STA. 257+00 WA

N. INGERSOLL ST.

S. INGERSOLL ST.

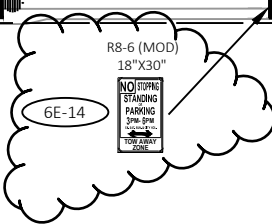
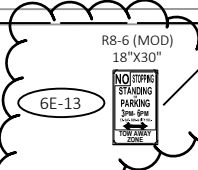
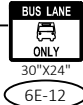
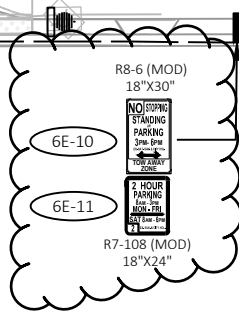
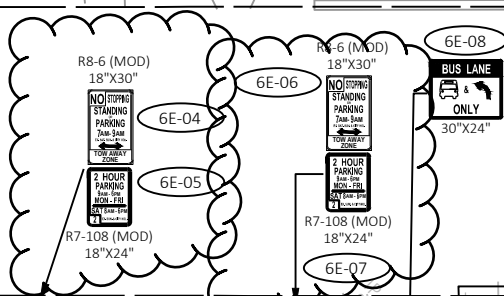
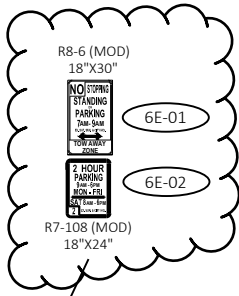
E. MIFFLIN ST.

CURTIS CT.

N. FEW ST.

E. WASHINGTON AVE.

R/L E. WASHINGTON AVENUE



SIGNING LEGEND



EXISTING SIGN MOUNTED ON POST(S)



EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



PROPOSED SIGN MOUNTED ON POST(S)



PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE



EXISTING LIGHT OR SIGNAL POLE



PROPOSED MONOTUBE ARM



PROPOSED TROMBONE ARM



PROPOSED SIGN NUMBER



REMOVAL SIGN NUMBER



MOVE SIGN NUMBER



REMOVE AND SALVAGE FOR METRO

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.



REVISED 6/27/23 JAL

PERMANENT SIGNING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

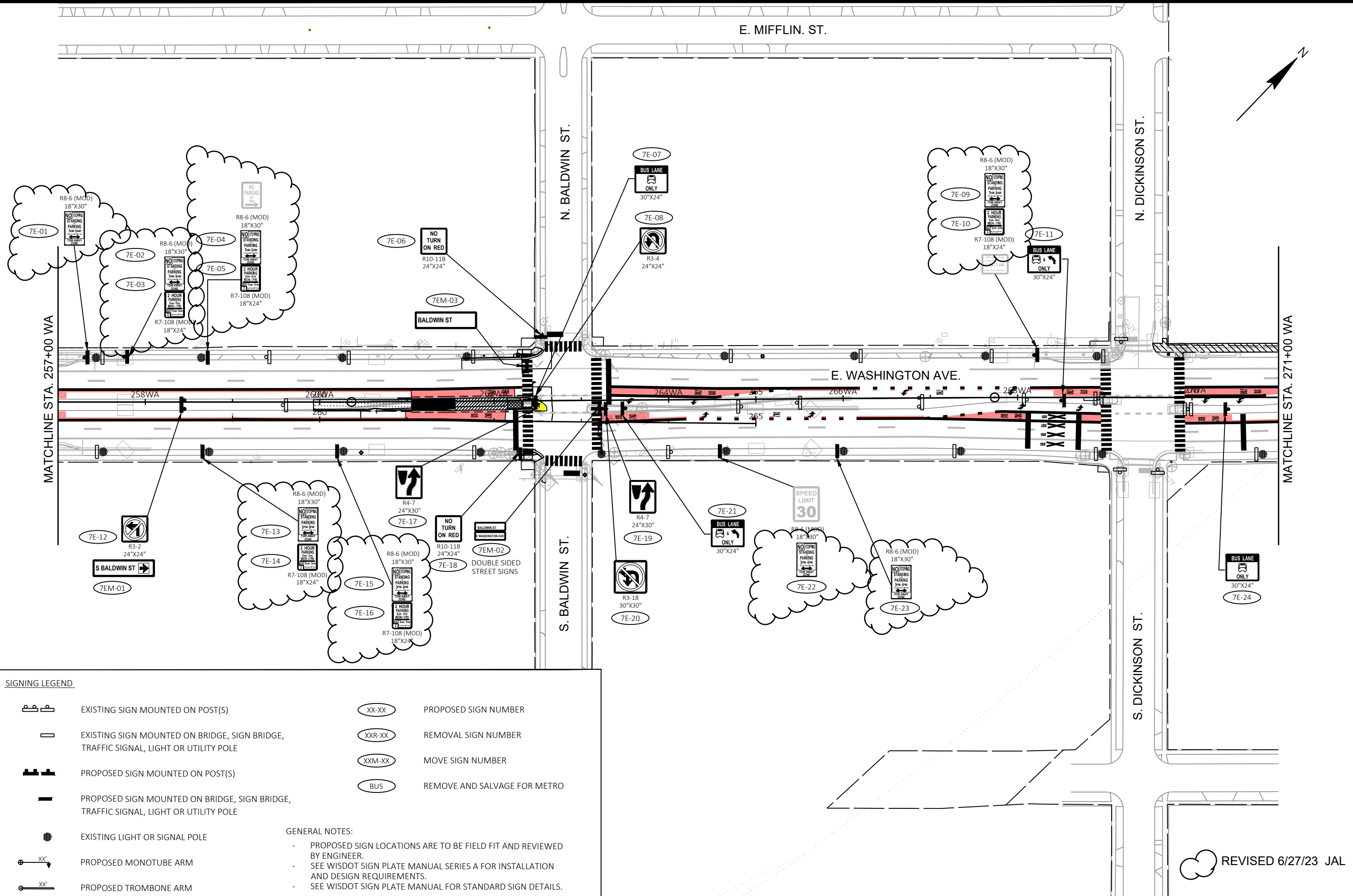
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

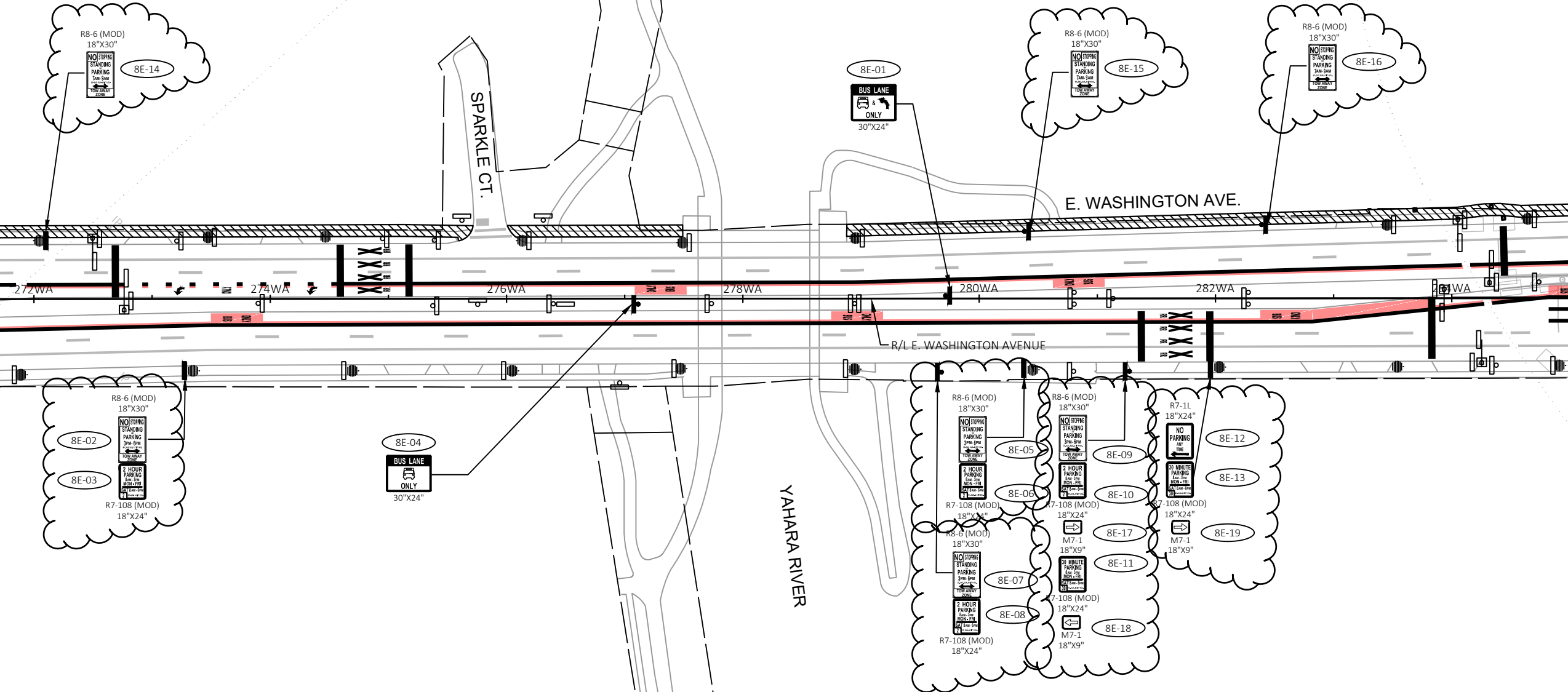
SP-6E



	PERMANENT SIGNING	60631225P
	BUS RAPID TRANSIT	CITY OF MADISON
	CITY OF MADISON	CITY OF MADISON, DANE COUNTY, WI
	CONTRACT NO: 60631225C	
60631225P		SP-7E

FILE NAME : G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\EA\T023201.PS.DWG
LAYOUT NAME - 023207 ps-7E
LAST PLOT DATE : 2023-06-26

MATCHLINE STA. 271+00 WA



MATCHLINE STA. 285+00 WA

SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- EXISTING LIGHT OR SIGNAL POLE
- PROPOSED MONOTUBE ARM
- PROPOSED TROMBONE ARM

- PROPOSED SIGN NUMBER
- REMOVAL SIGN NUMBER
- MOVE SIGN NUMBER
- REMOVE AND SALVAGE FOR METRO

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REVISED 6/27/23 JAL

PERMANENT SIGNING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

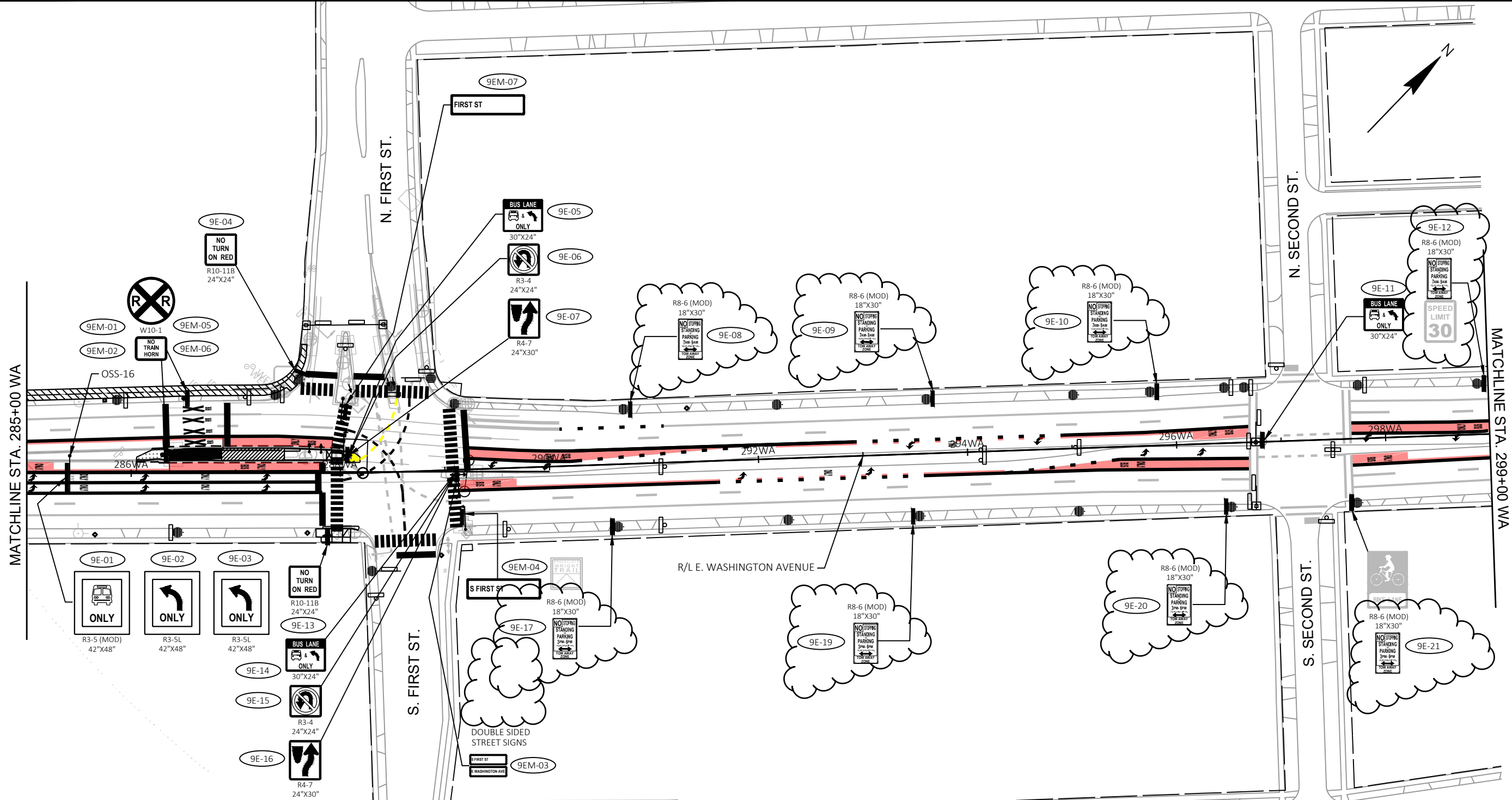
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

SP-8E



SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- EXISTING LIGHT OR SIGNAL POLE
- PROPOSED MONOTUBE ARM
- PROPOSED TROMBONE ARM

- PROPOSED SIGN NUMBER
- REMOVAL SIGN NUMBER
- MOVE SIGN NUMBER
- REMOVE AND SALVAGE FOR METRO

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PERMANENT SIGNING

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

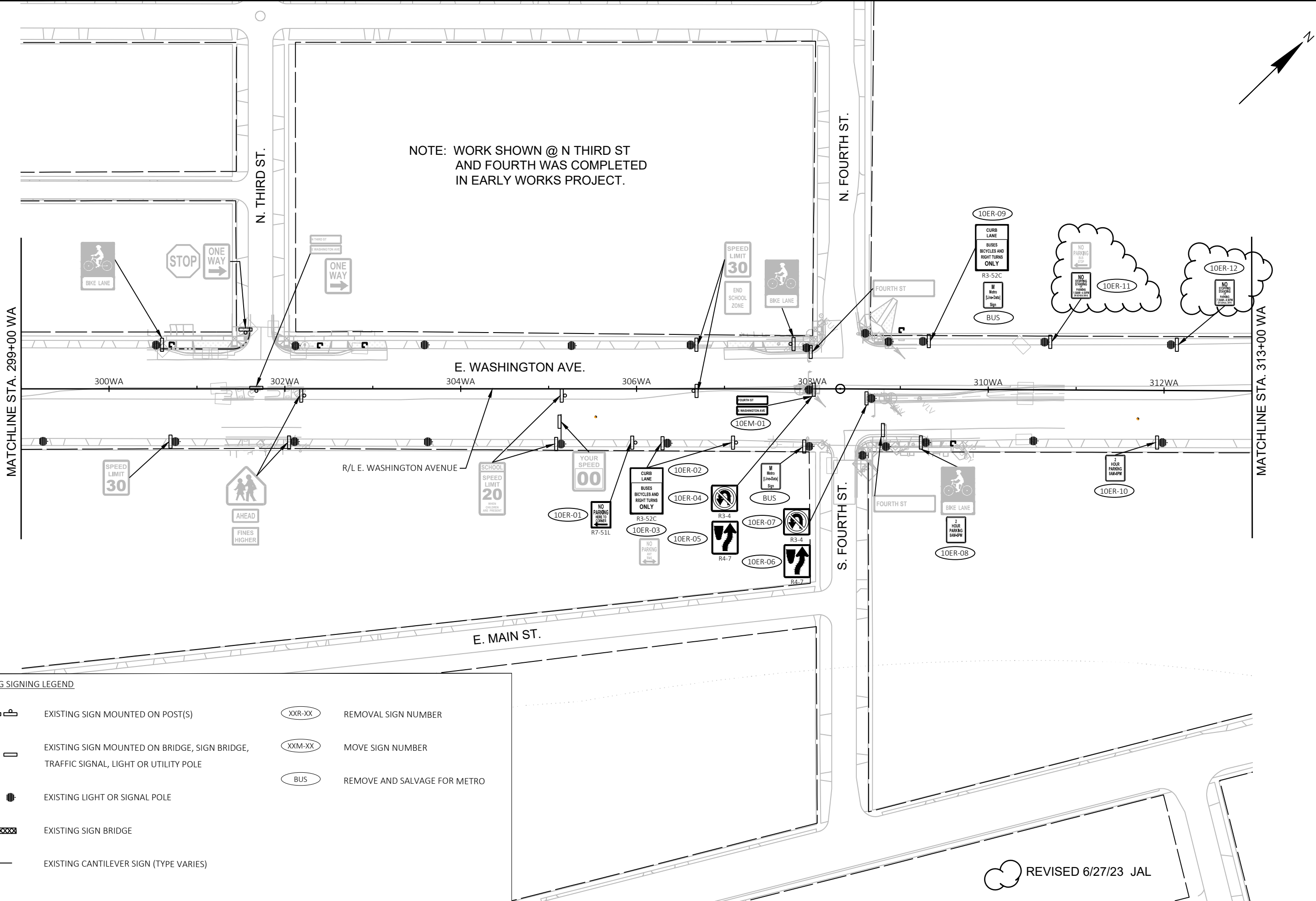
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

SP-9E



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) | | |

REVISED 6/27/23 JAL

EXISTING SIGNING & SIGN REMOVALS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

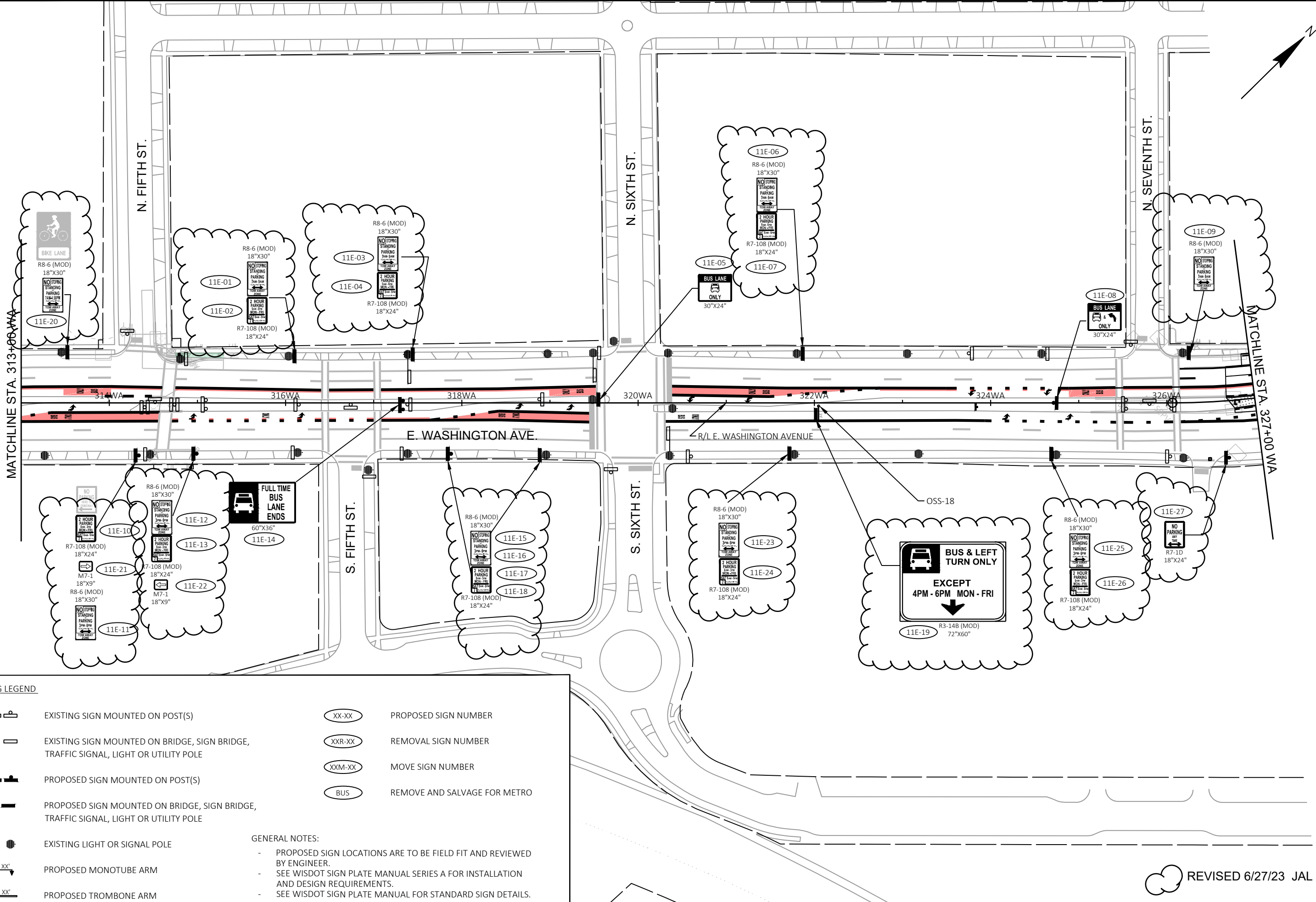
CONTRACT NO: 60631225C

MARK	PLAN REVISION 4	DATE	BY
Designed By: KL ENG	REVISION	6/27/23	JAL
60631225P	Date: 2023-06-26	Scale: 1"=100 FT	



60631225P

SR-10E



SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- EXISTING LIGHT OR SIGNAL POLE
- PROPOSED MONOTUBE ARM
- PROPOSED TROMBONE ARM

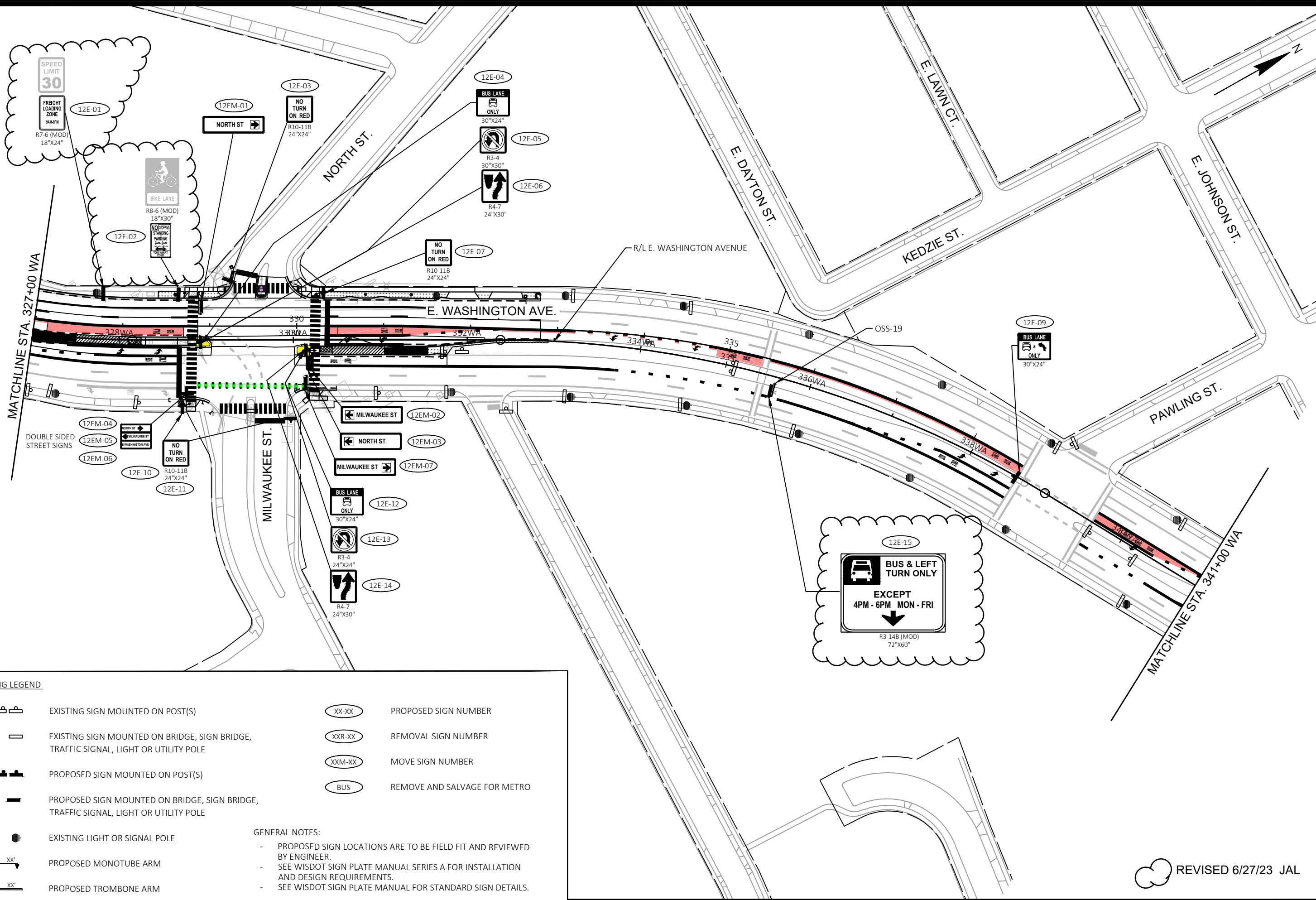
- PROPOSED SIGN NUMBER
- REMOVAL SIGN NUMBER
- MOVE SIGN NUMBER
- REMOVE AND SALVAGE FOR METRO

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REVISED 6/27/23 JAL

PERMANENT SIGNING	CITY OF MADISON	60631225P	SP-11E	G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\EAST\023201.PS.DWG LAYOUT NAME - 023211_P5-11E								
					BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI	60631225P	CONTRACT NO: 60631225C				
									PLAN REVISION 4	REVISION	DATE	BY



SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- EXISTING LIGHT OR SIGNAL POLE
- PROPOSED MONOTUBE ARM
- PROPOSED TROMBONE ARM

- PROPOSED SIGN NUMBER
- REMOVAL SIGN NUMBER
- MOVE SIGN NUMBER
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PLAN	REVISION	DATE	BY
PLAN REVISION 4	REVISION	6/27/23	JAL
MARK	DESIGNED BY: KL ENG	DATE: 2023-06-26	Scale: 1"=100 FT
60631225P	60631225P		

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PERMANENT SIGNING

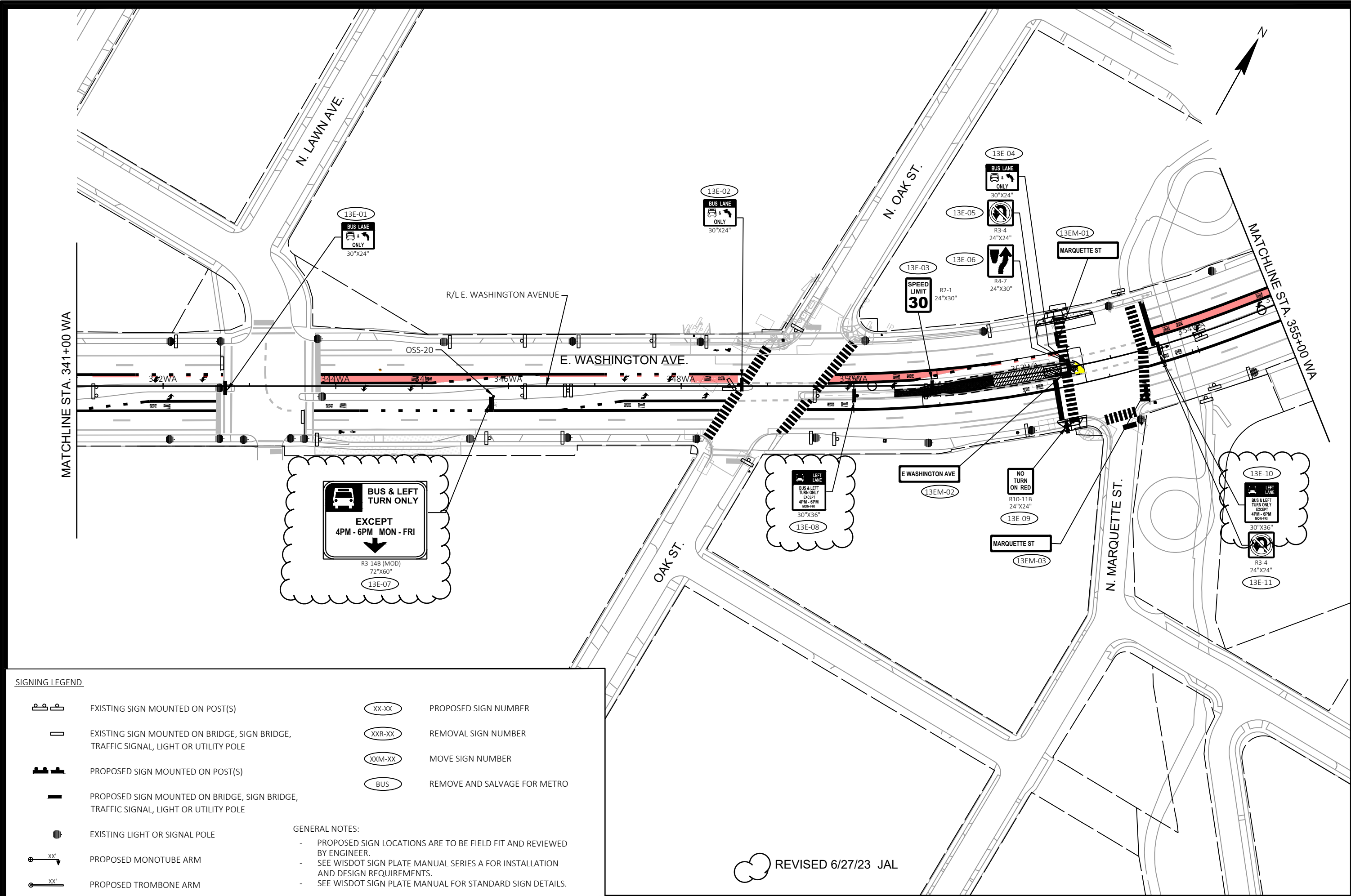
BUS RAPID TRANSIT

CITY OF MADISON



60631225P
SP-12E

REVISED 6/27/23 JAL



SIGNING LEGEND

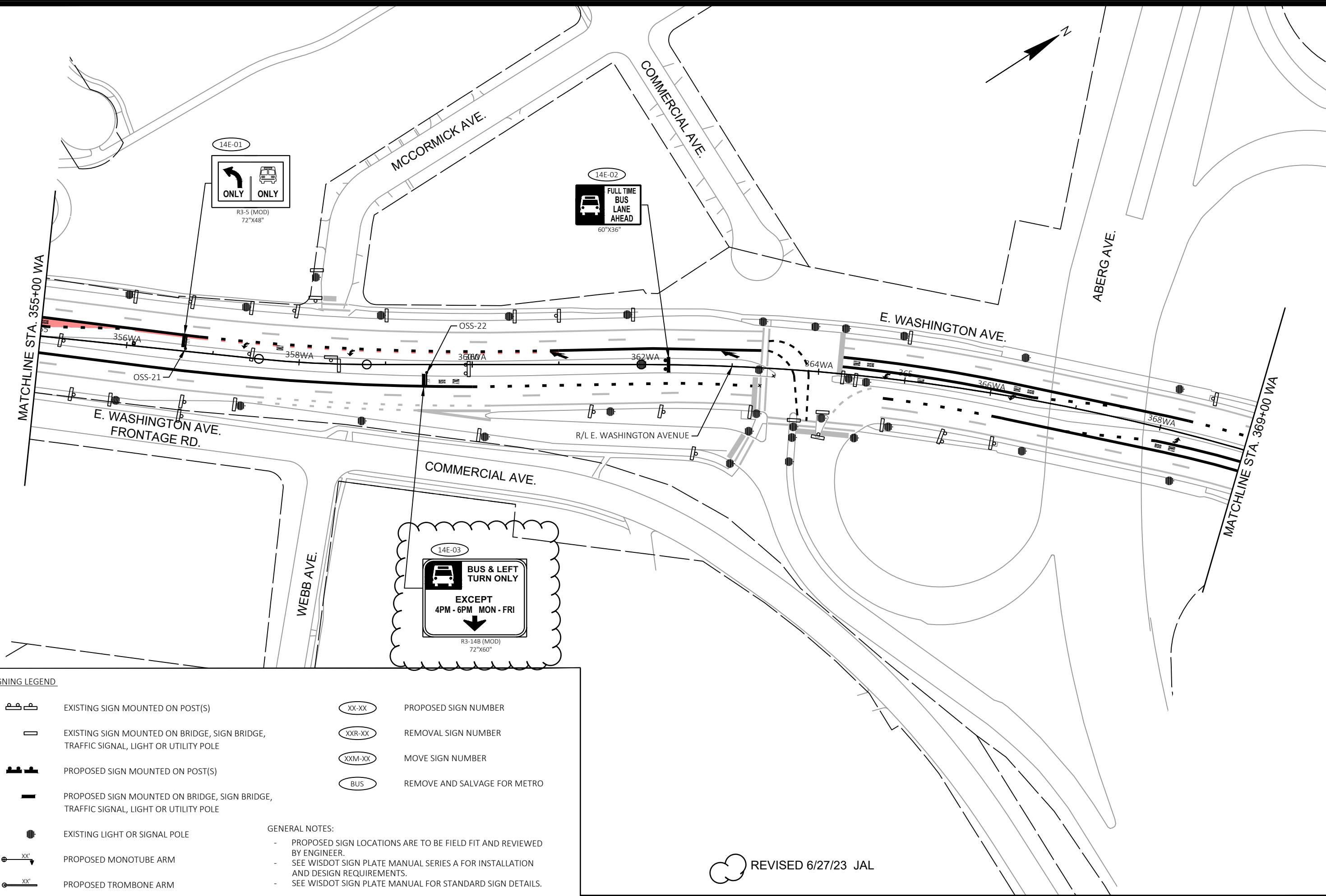
	EXISTING SIGN MOUNTED ON POST(S)		PROPOSED SIGN NUMBER
	EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE		REMOVAL SIGN NUMBER
	PROPOSED SIGN MOUNTED ON POST(S)		MOVE SIGN NUMBER
	PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE		REMOVE AND SALVAGE FOR METRO
	EXISTING LIGHT OR SIGNAL POLE		
	PROPOSED MONOTUBE ARM		
	PROPOSED TROMBONE ARM		

GENERAL NOTES:

- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
- SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
- SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.

REVISED 6/27/23 JAL

	PERMANENT SIGNING	60631225P
	BUS RAPID TRANSIT	
	CITY OF MADISON	
	60631225P	
CITY OF MADISON, DANE COUNTY, WI		CONTRACT NO: 60631225C
PLAN REVISION 4		
REVISION		
DATE		
BY		
MARK		
Designed By: KL Eng		Scale: 1"=100 FT
60631225P		



SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE, SIGN BRIDGE, TRAFFIC SIGNAL, LIGHT OR UTILITY POLE
- EXISTING LIGHT OR SIGNAL POLE
- PROPOSED MONOTUBE ARM
- PROPOSED TROMBONE ARM

- PROPOSED SIGN NUMBER
- REMOVAL SIGN NUMBER
- MOVE SIGN NUMBER
- REMOVE AND SALVAGE FOR METRO

- GENERAL NOTES:
- PROPOSED SIGN LOCATIONS ARE TO BE FIELD FIT AND REVIEWED BY ENGINEER.
 - SEE WISDOT SIGN PLATE MANUAL SERIES A FOR INSTALLATION AND DESIGN REQUIREMENTS.
 - SEE WISDOT SIGN PLATE MANUAL FOR STANDARD SIGN DETAILS.

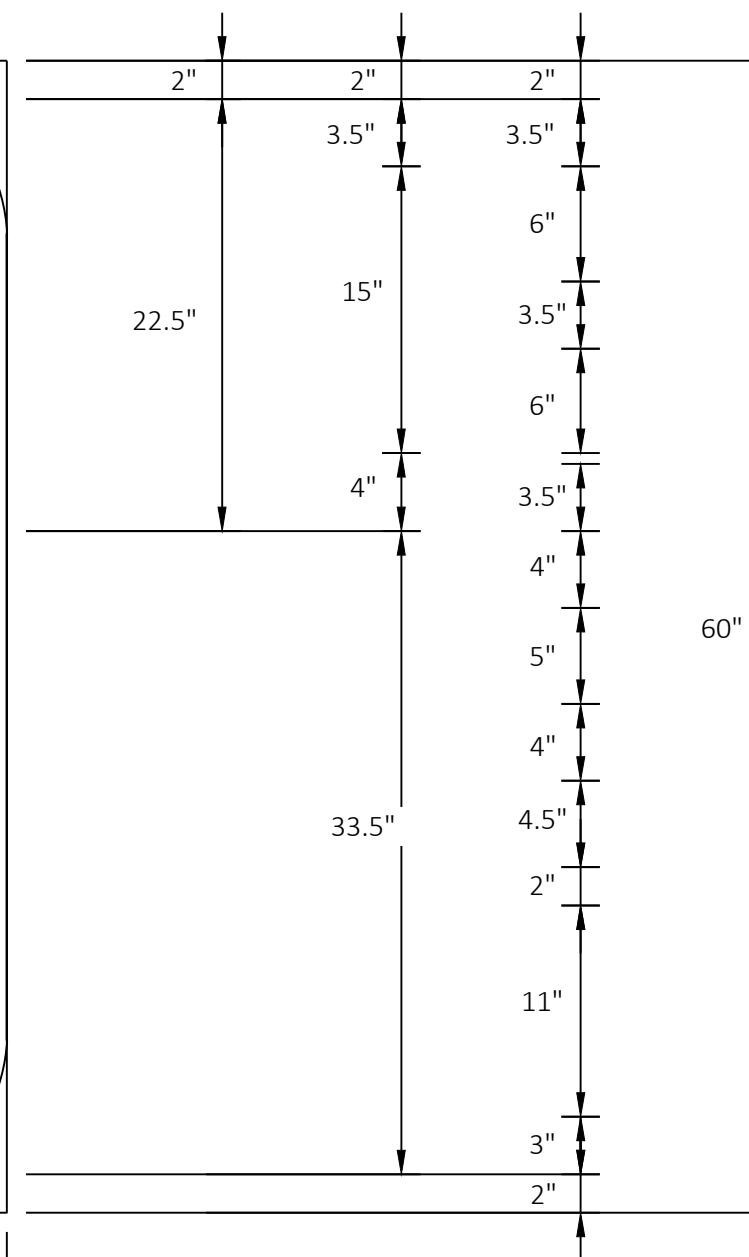
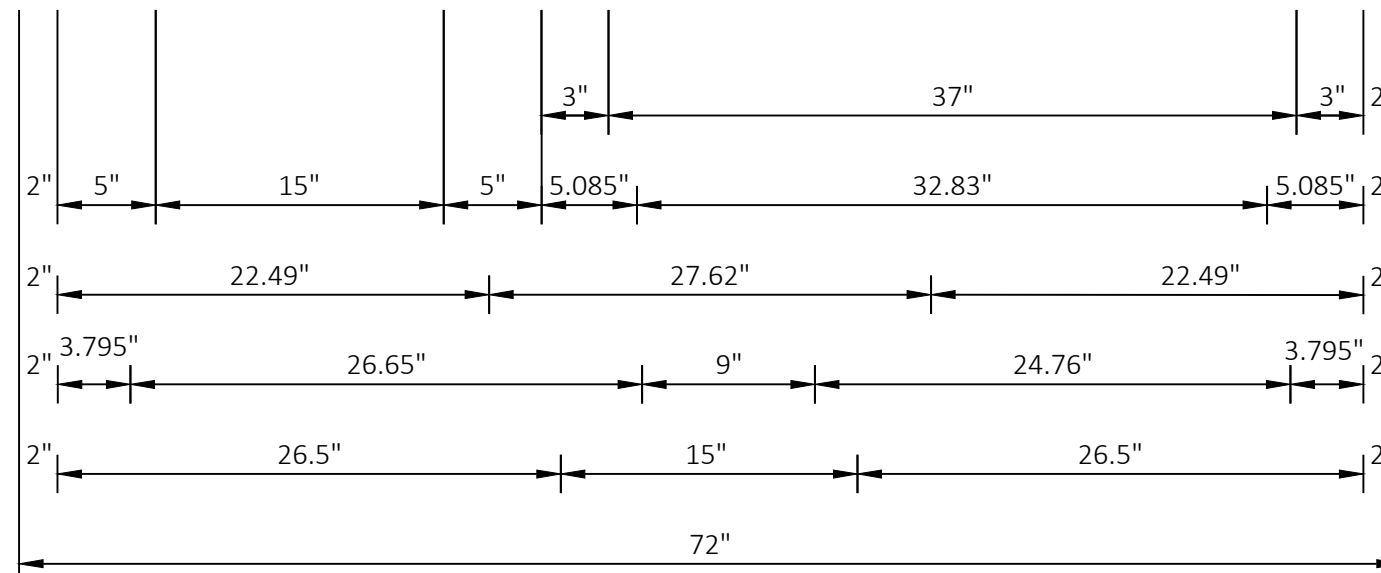
REVISED 6/27/23 JAL

PERMANENT SIGNING	BUS RAPID TRANSIT		60631225P	60631225C
			CITY OF MADISON	
			CITY OF MADISON, DANE COUNTY, WI	
			CONTRACT NO: 60631225C	
60631225P			60631225P	
SP-14E			SP-14E	

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LAYOUT NAME - 023214_ps-14E

LAST PLOT DATE - 2023-06-26

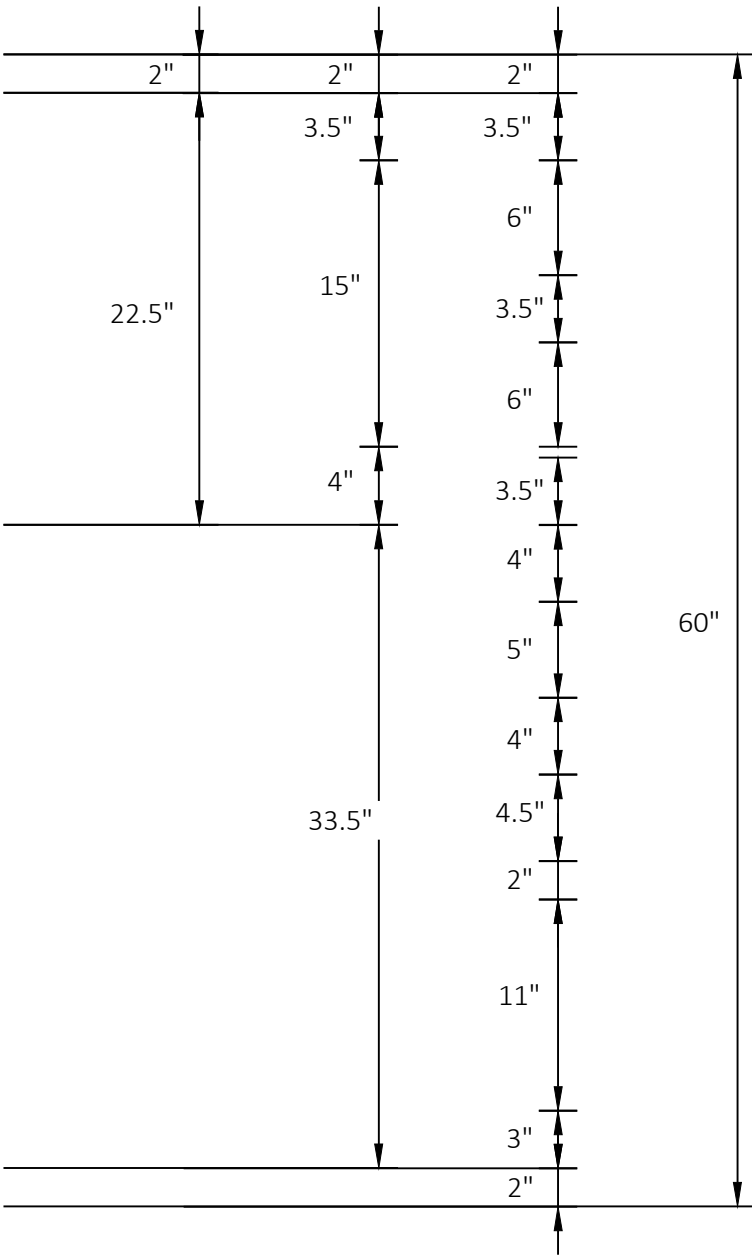
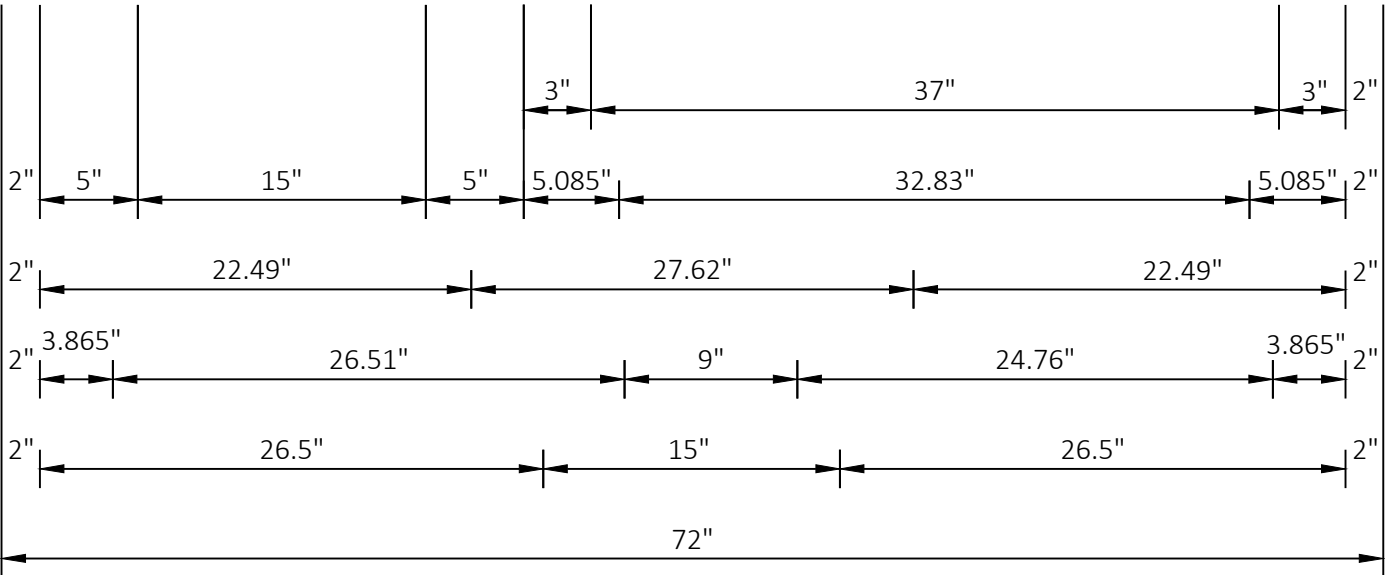
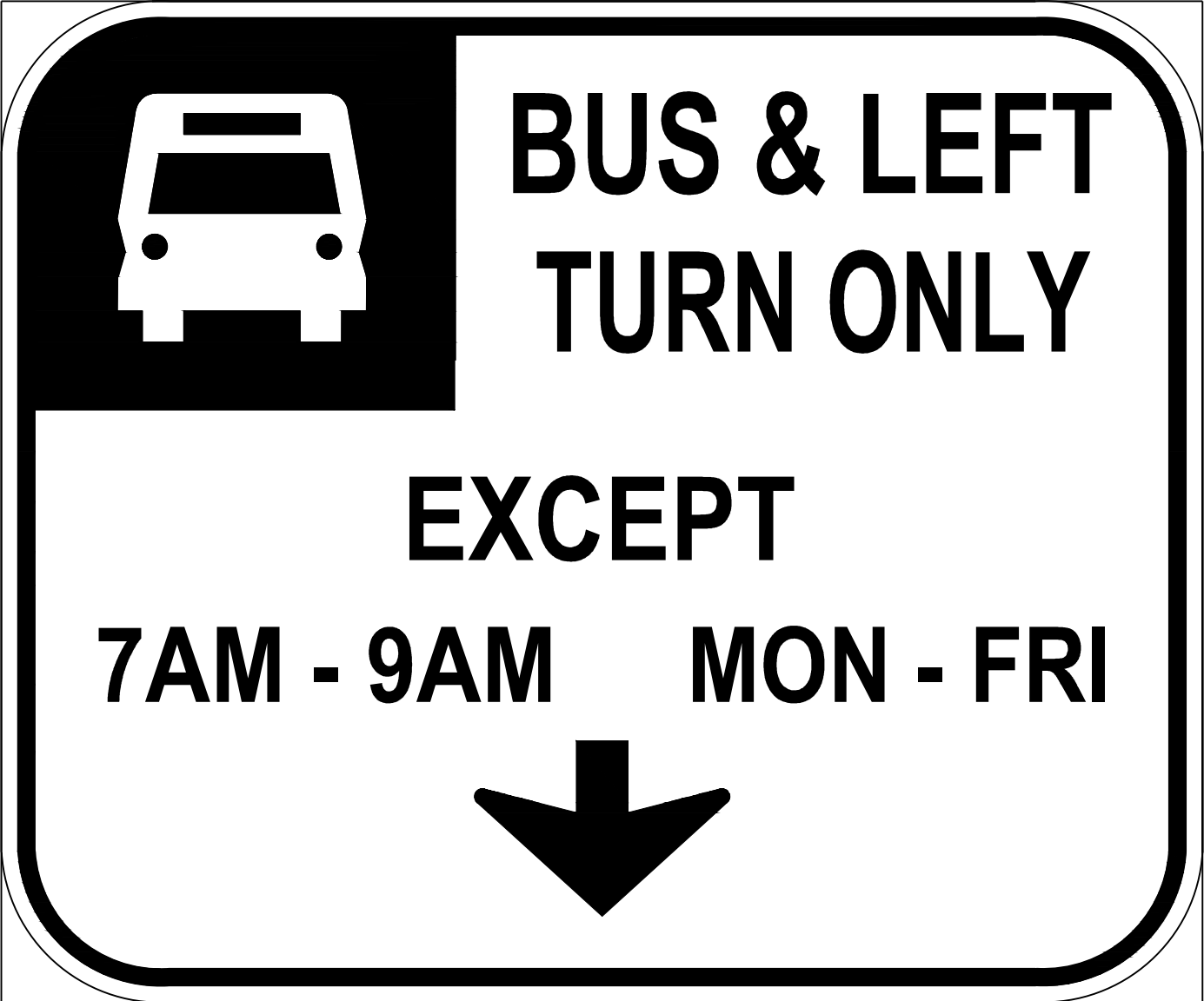
15E-18



1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
 - BACKGROUND - WHITE
 - MESSAGE - BLACK (SEE NOTE 5)
3. MESSAGE SERIES - B EXCEPT AS NOTED
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN MATERIAL IS PLYWOOD BUT BORDERS SHALL BE ROUNDED AS SHOWN. WHEN BASE MATERIAL IS METAL, THE CORNERS AS BORDERS SHALL BE ROUNDED.
5. TOP CORNER SYMBOL ARE WHITE TYPE H REFLECTIVE WITH A BLACK BACKGROUND. REMAINING LEGEND IS BLACK WITH WHITE TYPE H REFLECTIVE BACKGROUND.

15E-10

16E-02



NOTES:

- 1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
- 2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK (SEE NOTE 5)
- 3. MESSAGE SERIES - B EXCEPT AS NOTED
- 4. CORNERS MAY BE SQUARE OR ROUNDED WHEN MATERIAL IS PLYWOOD BUT BORDERS SHALL BE ROUNDED AS SHOWN. WHEN BASE MATERIAL IS METAL, THE CORNERS AS BORDERS SHALL BE ROUNDED.
- 5. TOP CORNER SYMBOL ARE WHITE TYPE H REFLECTIVE WITH A BLACK BACKGROUND. REMAINING LEGEND IS BLACK WITH WHITE TYPE H REFLECTIVE BACKGROUND.

REVISED 6/27/23 JAL

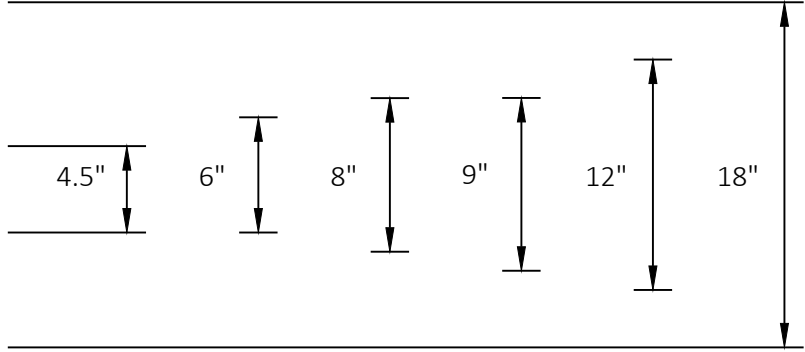
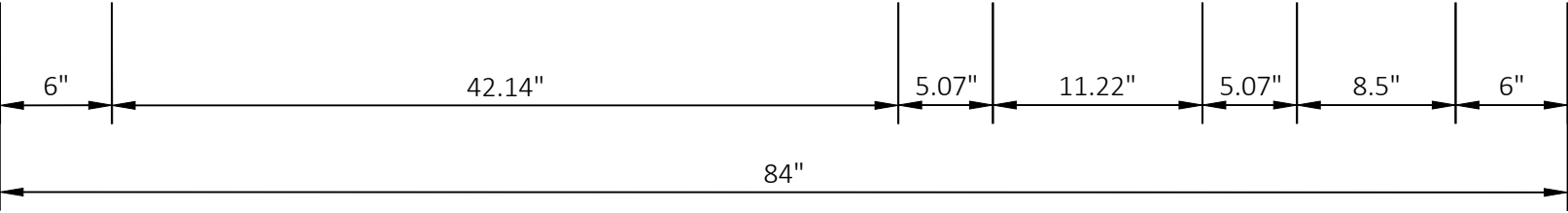
60631225P	PLAN REVISION 4	6/27/23	JAL
MARK	REVISION	DATE	BY
Designed By: KL ENG	Date: 2023-06-27		Scale: NTS

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



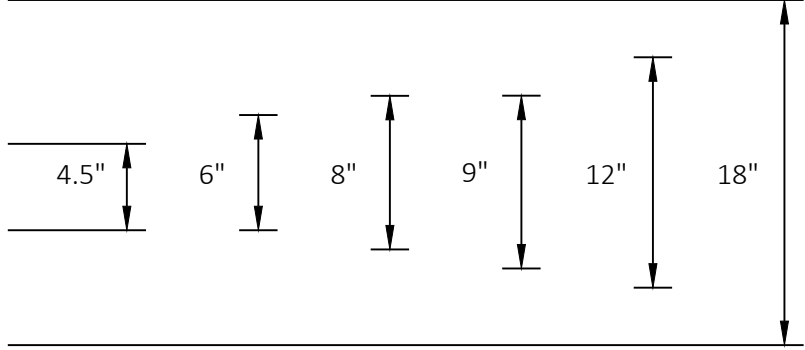
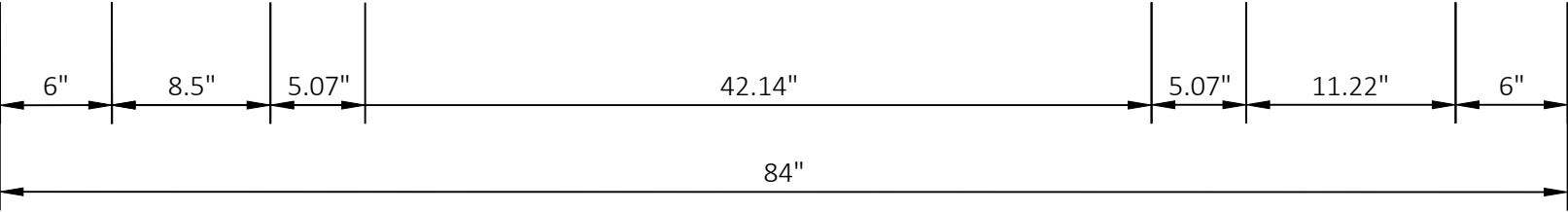
60631225P
PSD-2

Rethke Ave →



1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - GREEN
MESSAGE - WHITE
3. MESSAGE SERIES - C EXCEPT AS NOTED

← Rethke Ave



REVISÉD 4/27/23 JAL

CONTRACT NO: 60631225C



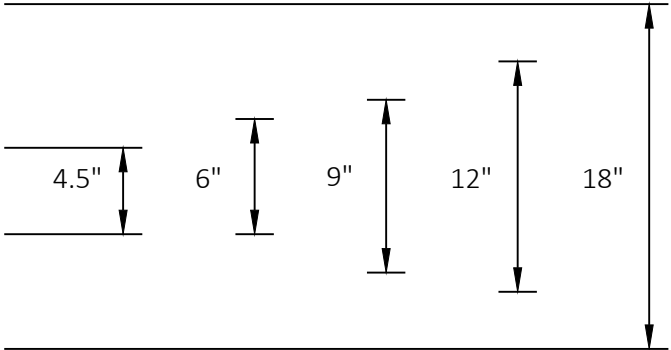
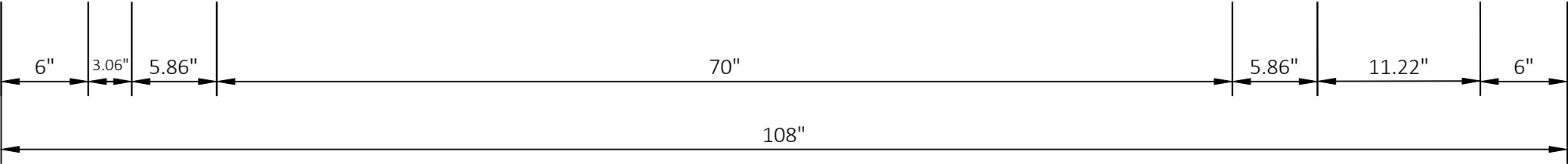
PSD-3

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FILE NAME : G:\AECOM\20063-000 MADISON BRT\CIVIL 3D\SHEETS\OTHER\SIGN PLATES AND DETAILS\024500B - PM.DWG
LAST DATE : 2009-04-27

15E-06 15E-17

E Washington Ave

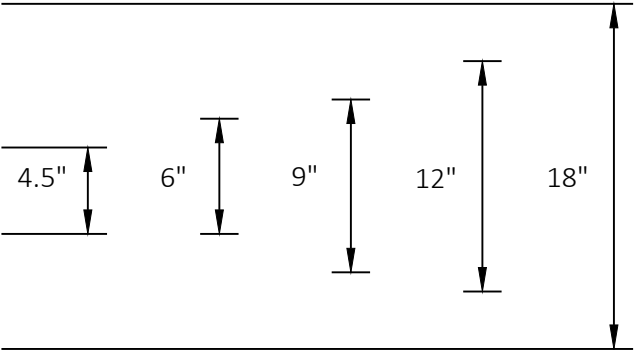
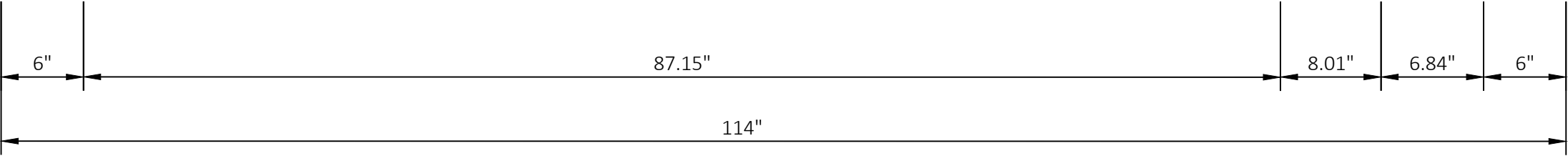


NOTES:

- 1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
- 2. COLOR:
BACKGROUND - GREEN
MESSAGE - WHITE
- 3. MESSAGE SERIES - C EXCEPT AS NOTED

24E-04 24E-11

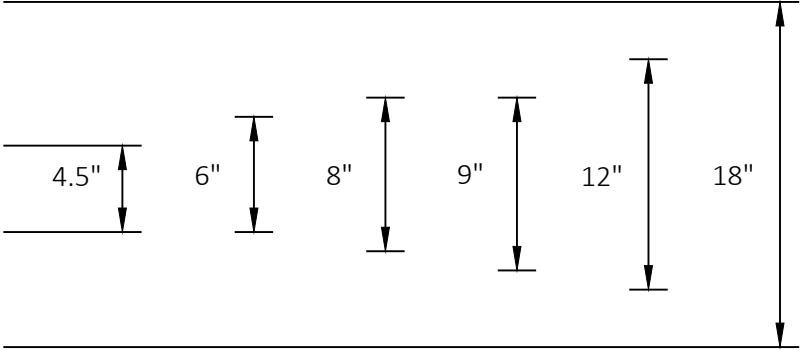
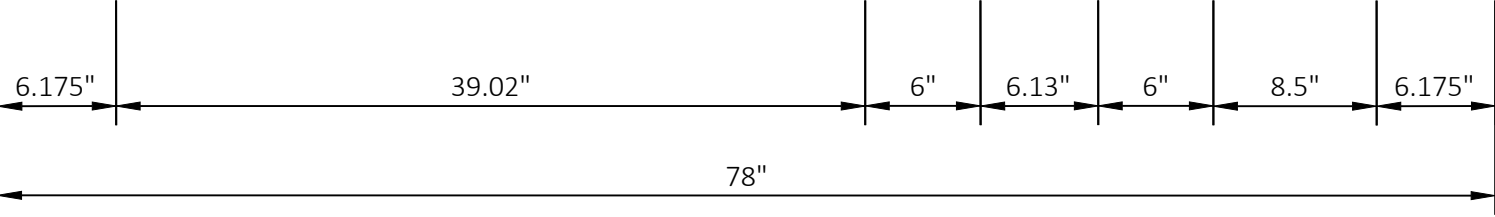
Independence Ln



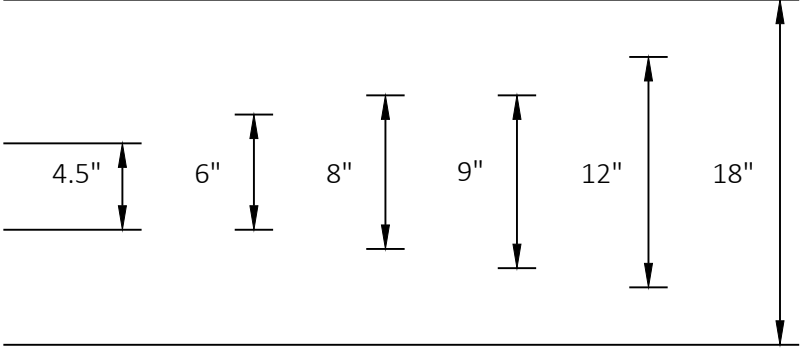
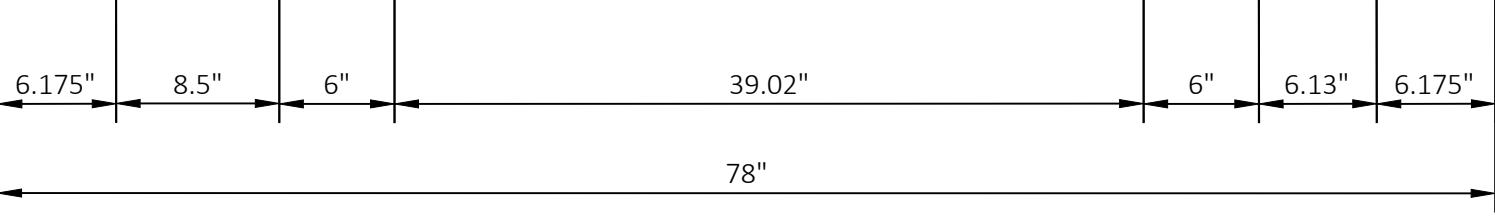
REVISED 4/27/23 JAL

60631225P	CITY OF MADISON BUS RAPID TRANSIT	CITY OF MADISON CONTRACT NO: 60631225C		PLAN REVISION 4	DATE	BY
				REVISION	2023-04-27	JAL
				Designed By: KL ENG		
				60631225P		

15E-04



15E-20



NOTES:

- 1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
- 2. COLOR:
BACKGROUND - GREEN
MESSAGE - WHITE
- 3. MESSAGE SERIES - C EXCEPT AS NOTED

MARK	DESIGNED BY: KL ENG	DATE: 2023-04-27	SCALE: NTS
60631225P			
PLAN REVISION 4	4/27/23	JAL	BY
REVISION	DATE		

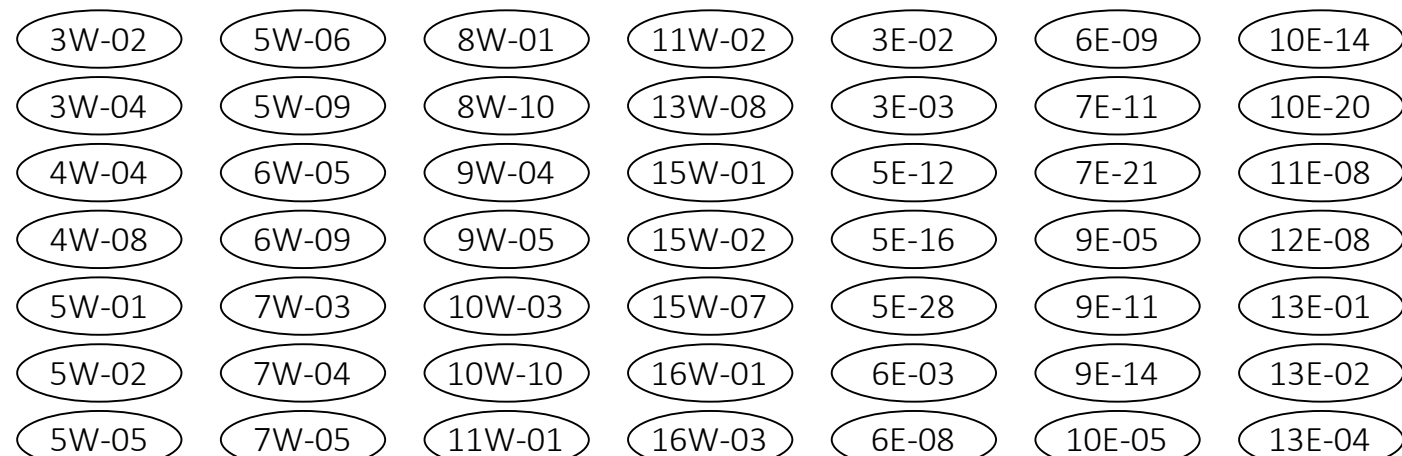
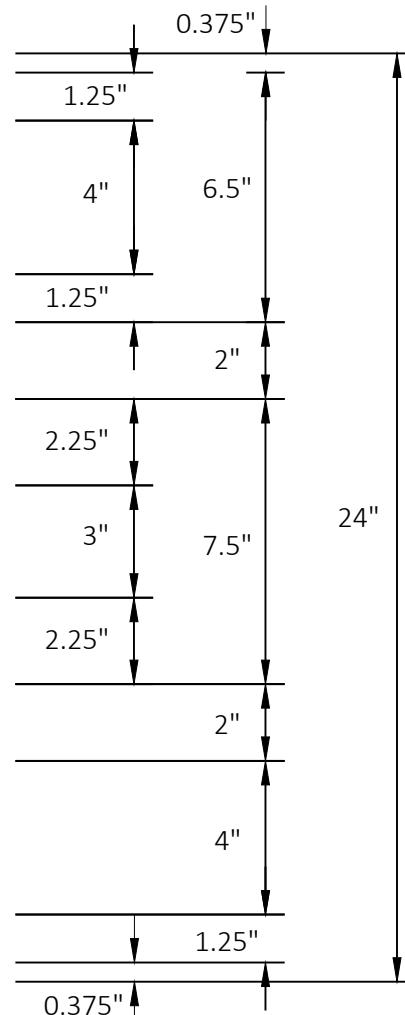
60631225P	CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C
PERMANENT SIGNING DETAILS	BUS RAPID TRANSIT	CITY OF MADISON



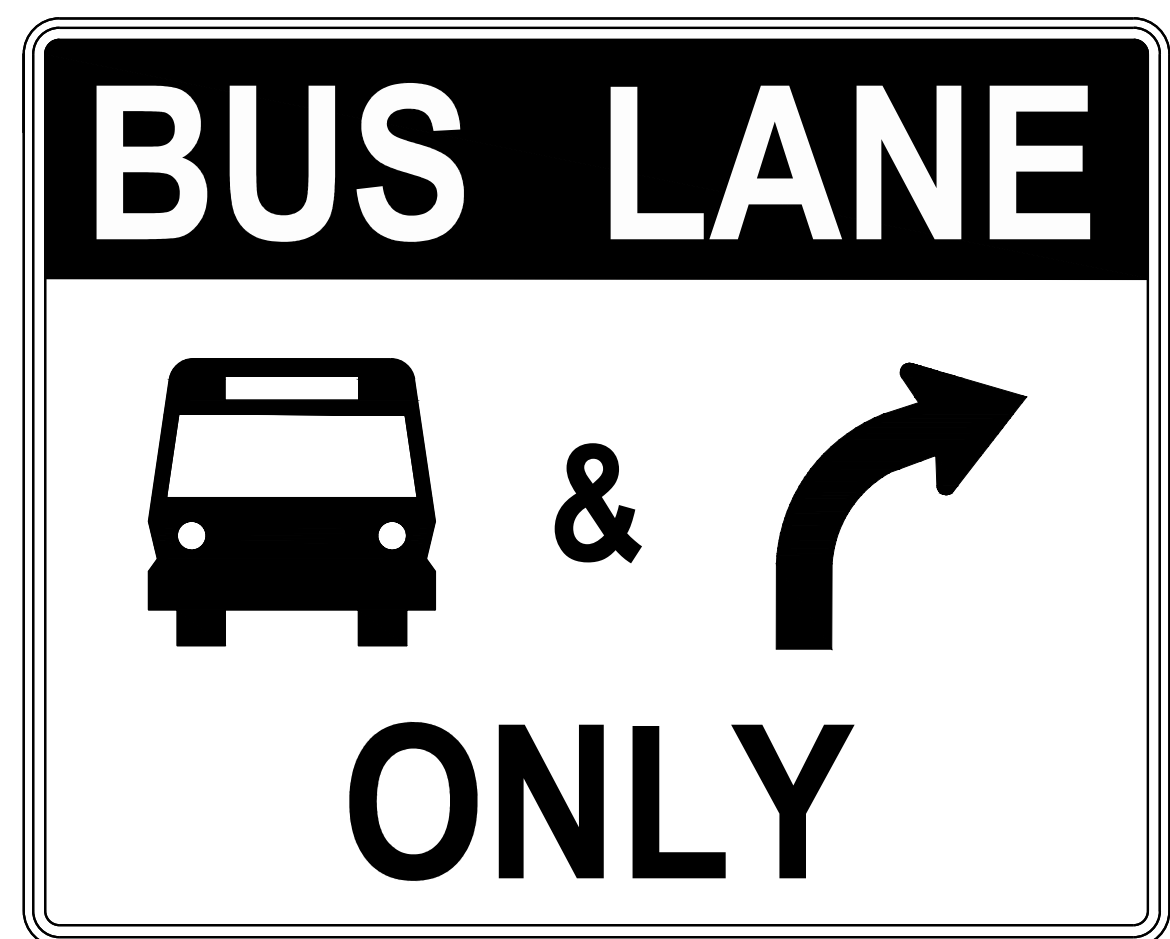
60631225P
PSD-5



REVISED 4/27/23 JAL



- ## NOTES:
1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
 2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK (SEE NOTE 5)
 3. MESSAGE SERIES - D
 4. CORNERS MAY BE SQUARE OR ROUNDED
WHEN BASE MATERIAL IS PLYWOOD. WHEN
BASE MATERIAL IS METAL, THE CORNERS
SHALL BE ROUNDED.
 5. TOP LEGEND IS WHITE WITH BLACK TYPE H
REFLECTIVE BACKGROUND. BOTTOM SYMBOL
AND LEGEND ARE BLACK TYPE H REFLECTIVE
WITH WHITE BACKGROUND
 6. THE 1/2" BORDER IS NON-REFLECTIVE BLACK.



NOTE: SIGN LAYOUT IS THE SAME AS BUS & LEFT TURNS ONLY, WITH A MIRROR OF THE LEFT TURN ARROW TO BE A RIGHT TURN ARROW



REVISÉ 4/27/23 JAL

[illegible]

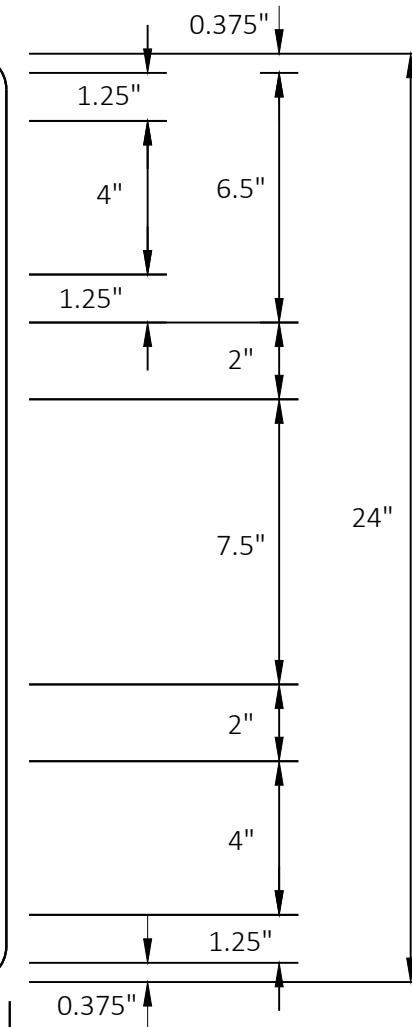
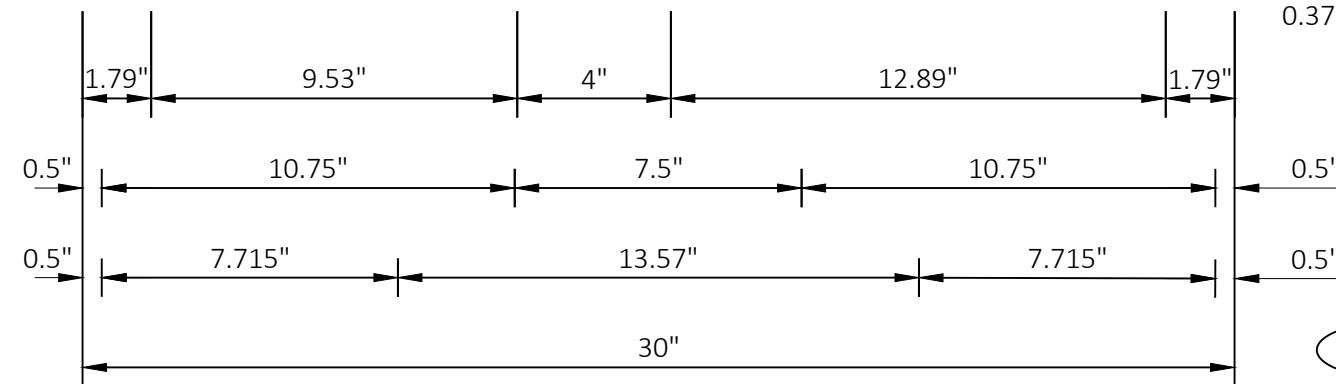
PERMANENT SIGNING DETAILS	60631225P
BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI
CITY OF MADISON	CONTRACT NO: 60631225C



60631225P

PSD-6

FILE NAME : G:\COM\20063700 MADISON CRT\CIVIL 3D\SHEET\OTHER\SIGN PLATES AND DETAILS\045008.PM.DWG

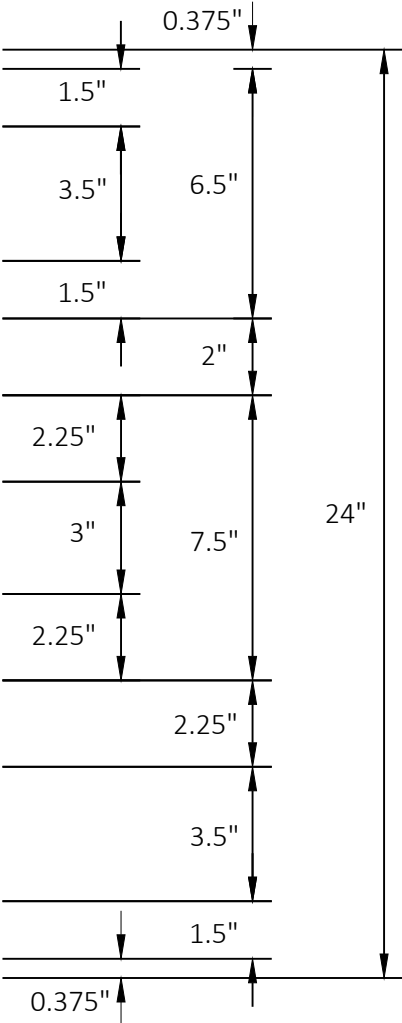
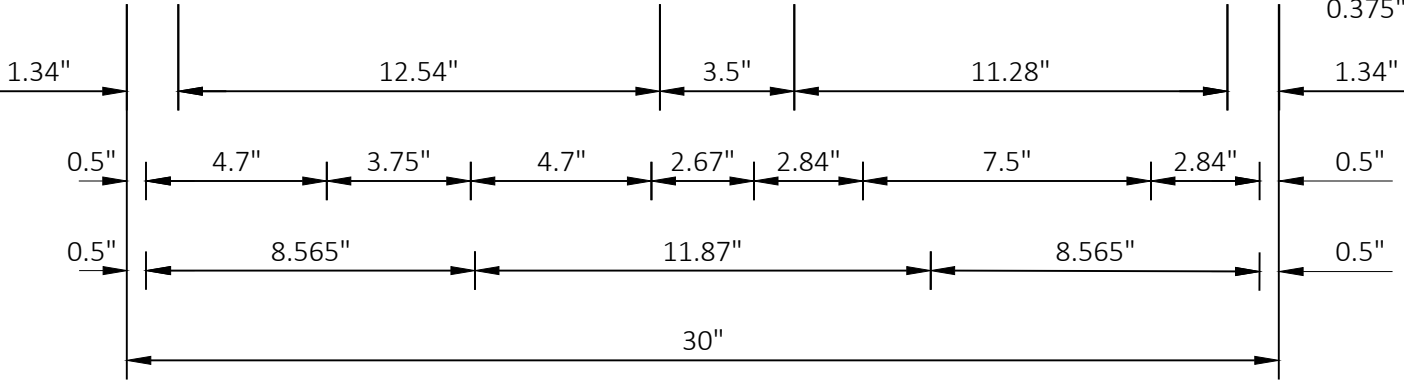
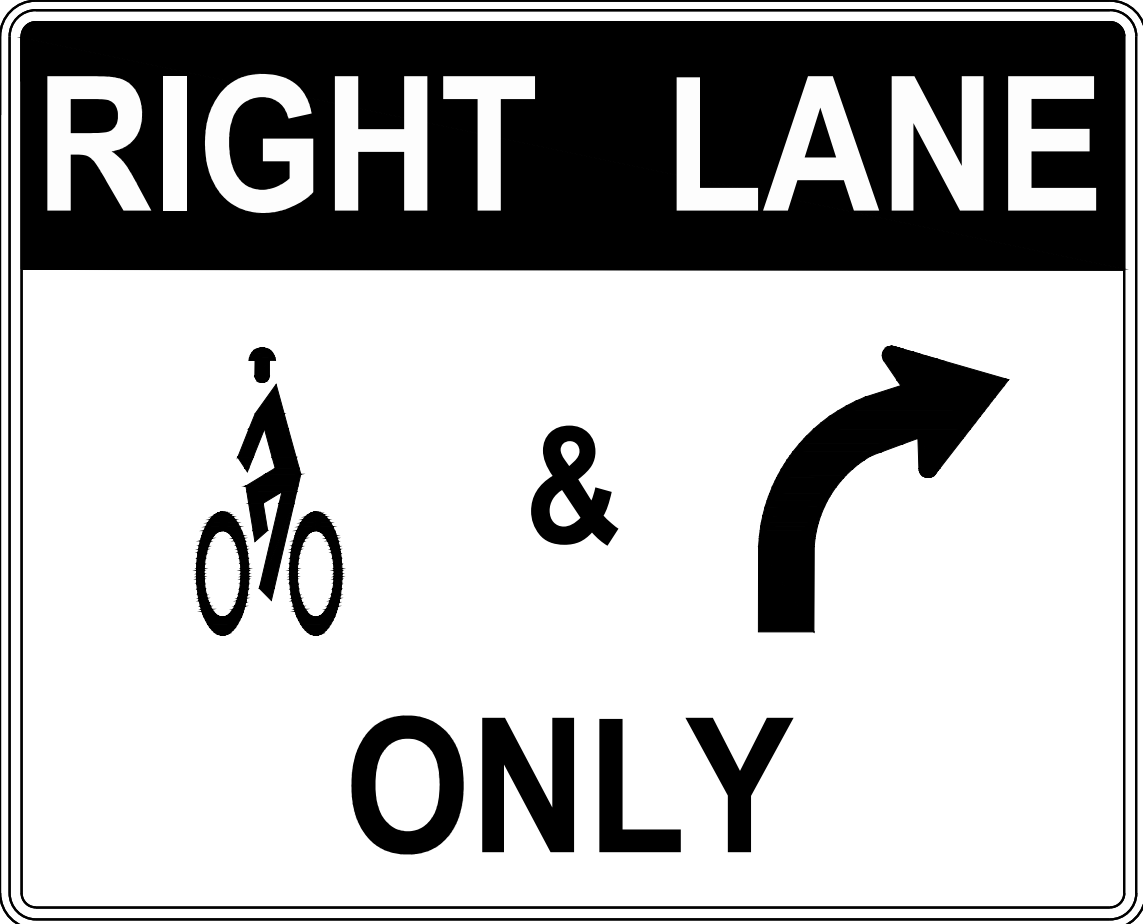


1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
 - BACKGROUND - WHITE
 - MESSAGE - BLACK (SEE NOTE 5)
3. MESSAGE SERIES - D
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.
5. TOP LEGEND IS WHITE WITH BLACK TYPE H REFLECTIVE BACKGROUND. BOTTOM SYMBOL AND LEGEND ARE BLACK TYPE H REFLECTIVE WITH WHITE BACKGROUND
6. THE 1/2" BORDER IS NON-REFLECTIVE BLACK.

4W-03	14W-02	25W-05	32W-07	7E-24	12E-12
6W-03	14W-03	25W-09	33W-08	8E-01	22E-05
8W-07	15W-06	30W-02	3E-06	8E-04	
9W-02	15W-08	30W-09	4E-05	10E-02	
9W-06	15W-12	31W-04	5E-17	11E-05	
11W-05	16W-02	32W-01	6E-12	12E-04	
12W-02	17W-02	32W-06	7E-07	12E-09	



REVISÉ 4/27/23 JAL



NOTES:

- 1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
- 2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK (SEE NOTE 5)
- 3. MESSAGE SERIES - D
- 4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.
- 5. TOP LEGEND IS WHITE WITH BLACK TYPE H REFLECTIVE BACKGROUND. BOTTOM SYMBOL AND LEGEND ARE BLACK TYPE H REFLECTIVE WITH WHITE BACKGROUND
- 6. THE 1/2" BORDER IS NON-REFLECTIVE BLACK.

10E-10



REVISED 4/27/23 JAL

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

60631225C

DESIGNED BY: KL ENG

DATE: 2023-04-27

Scale: NTS

PLAN REVISION 4

REVISION

DATE

BY

MARK

60631225P

60631225P

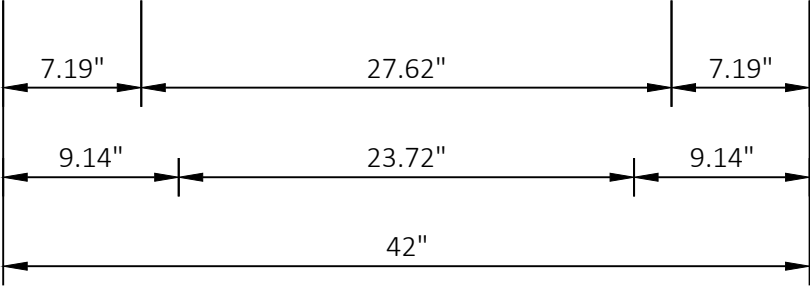
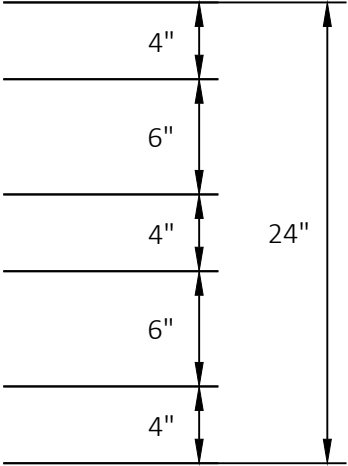
PSD-8

CITY OF MADISON WISCONSIN

60631225P

PSD-8

22E-01

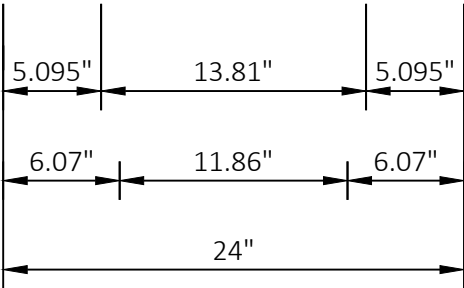
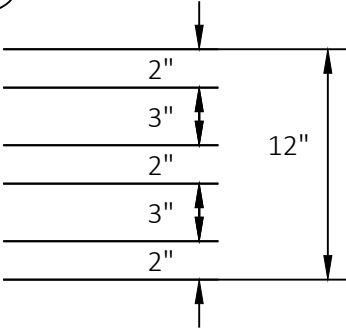


NOTES:

1. ALL SIGNS TYPE I - TYPE SH REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - D
4. CORNERS MAY BE SQUARE OR ROUNDED
WHEN BASE MATERIAL IS PLYWOOD. WHEN
BASE MATERIAL IS METAL, THE CORNERS
SHALL BE ROUNDED.

29W-03

22E-04



NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - D
4. CORNERS MAY BE SQUARE OR ROUNDED
WHEN BASE MATERIAL IS PLYWOOD. WHEN
BASE MATERIAL IS METAL, THE CORNERS
SHALL BE ROUNDED.

1AW-03

1AW-10

20E-02

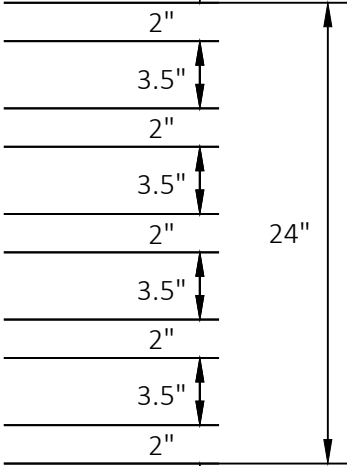
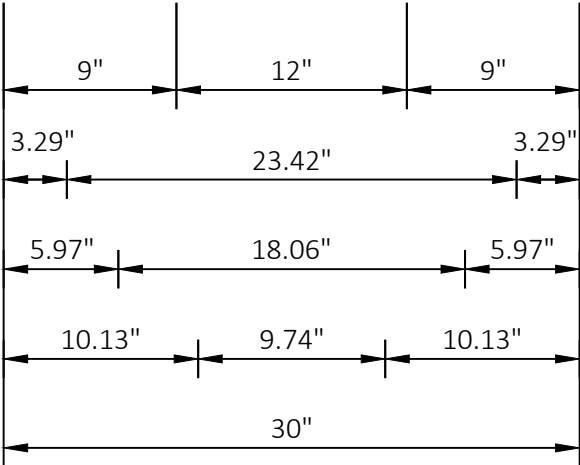
20E-06

1AW-05

1AW-12

20E-04

20E-08



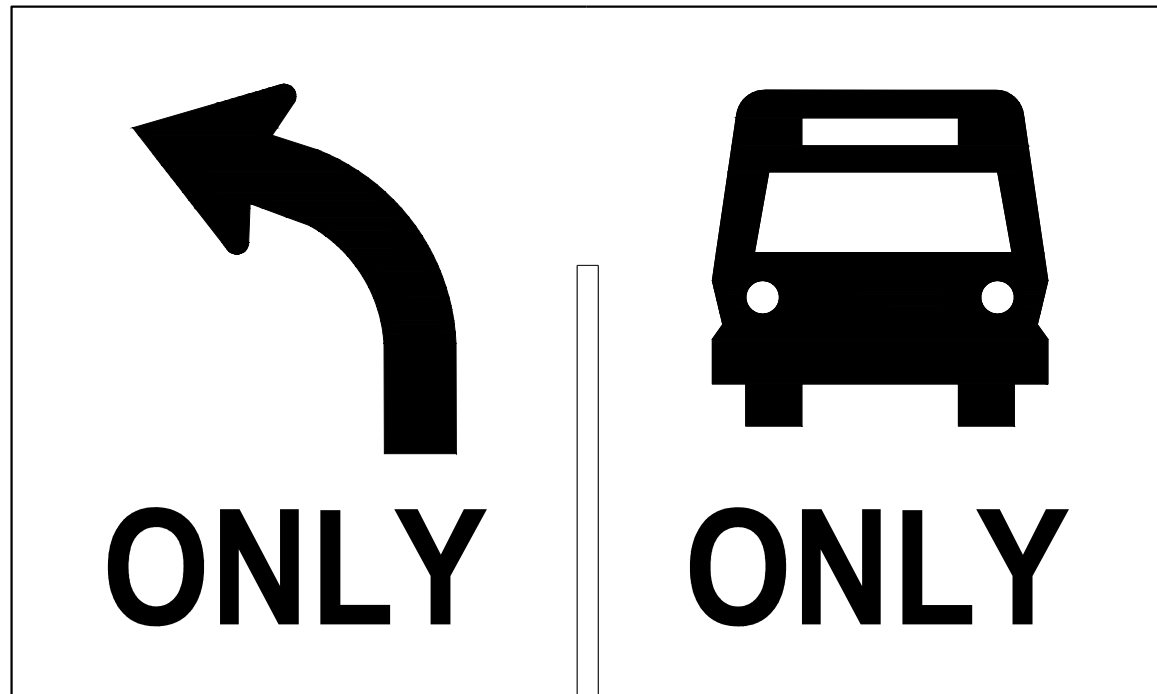
NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - C
4. CORNERS MAY BE SQUARE OR ROUNDED
WHEN BASE MATERIAL IS PLYWOOD. WHEN
BASE MATERIAL IS METAL, THE CORNERS
SHALL BE ROUNDED.

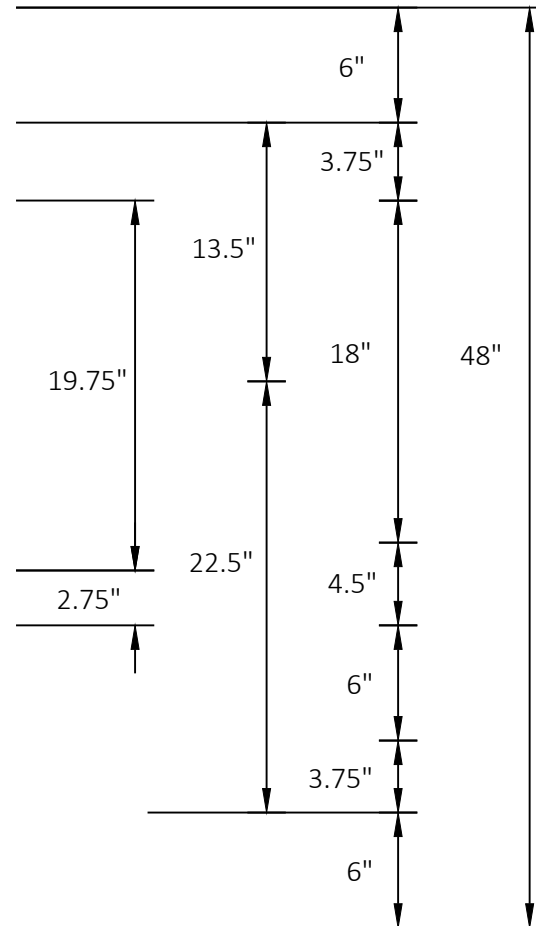
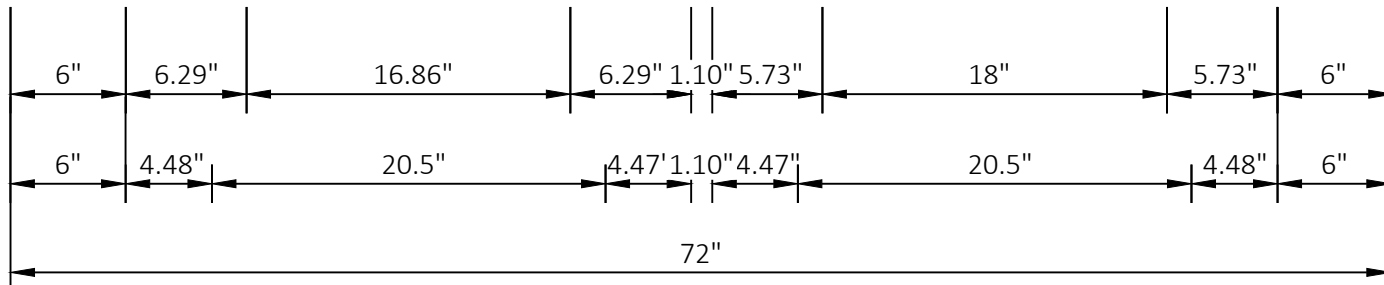


4E-19

14E-01



"BLACK BORDER"



NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - D
4. CORNERS MAY BE SQUARE OR ROUNDED
WHEN BASE MATERIAL IS PLYWOOD. WHEN
BASE MATERIAL IS METAL, THE CORNERS
SHALL BE ROUNDED.
5. THE 6" BORDER IS NON-REFLECTIVE BLACK.
6. SEE STANDARD SIGN DETAIL R3-5 FOR
ADDITIONAL LAYOUT DETAILS NOT SHOWN.

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



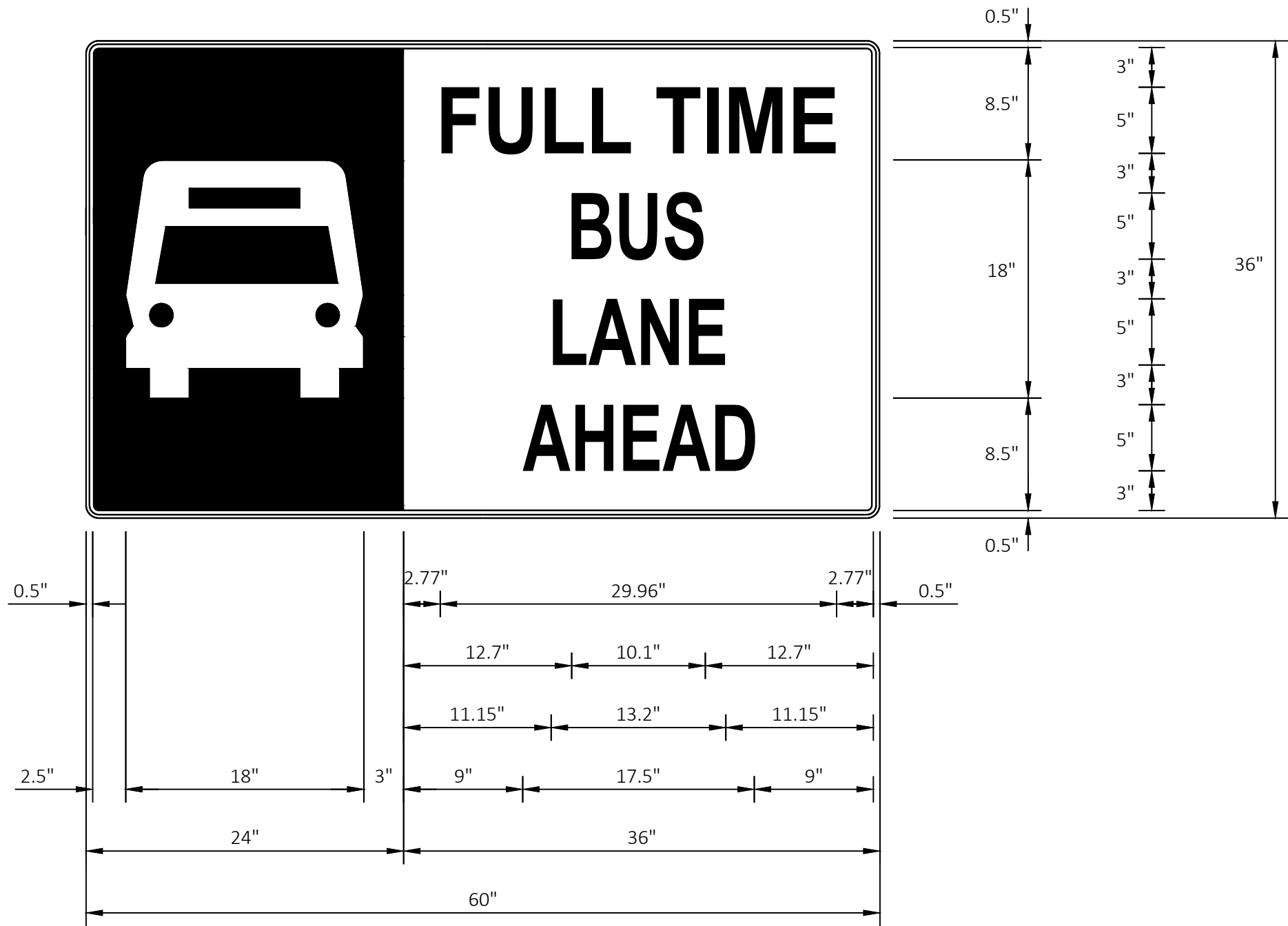
60631225P

PSD-12



REVISED 4/27/23 JAL

FILE NAME : G:\VACOM\00631225P\00631225P_SIGN_PLATES_AND_DETAILS\04500B-PM.DWG
DATE: 4/27/23
BY: JAL
CHECKED: JAL
DATE: 4/27/23
SCALE: NTS
MARK: 60631225P



NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
 - BACKGROUND - BLACK
 - MESSAGE - WHITE (SEE NOTE 5)
3. MESSAGE SERIES - C
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.
5. LEFT SYMBOL IS WHITE WITH BLACK TYPE H REFLECTIVE BACKGROUND. RIGHT LEGEND IS BLACK TYPE H REFLECTIVE WITH WHITE BACKGROUND.
6. THE 1/2" BORDER IS NON-REFLECTIVE BLACK.

14E-02



REVISED 4/27/23 JAL

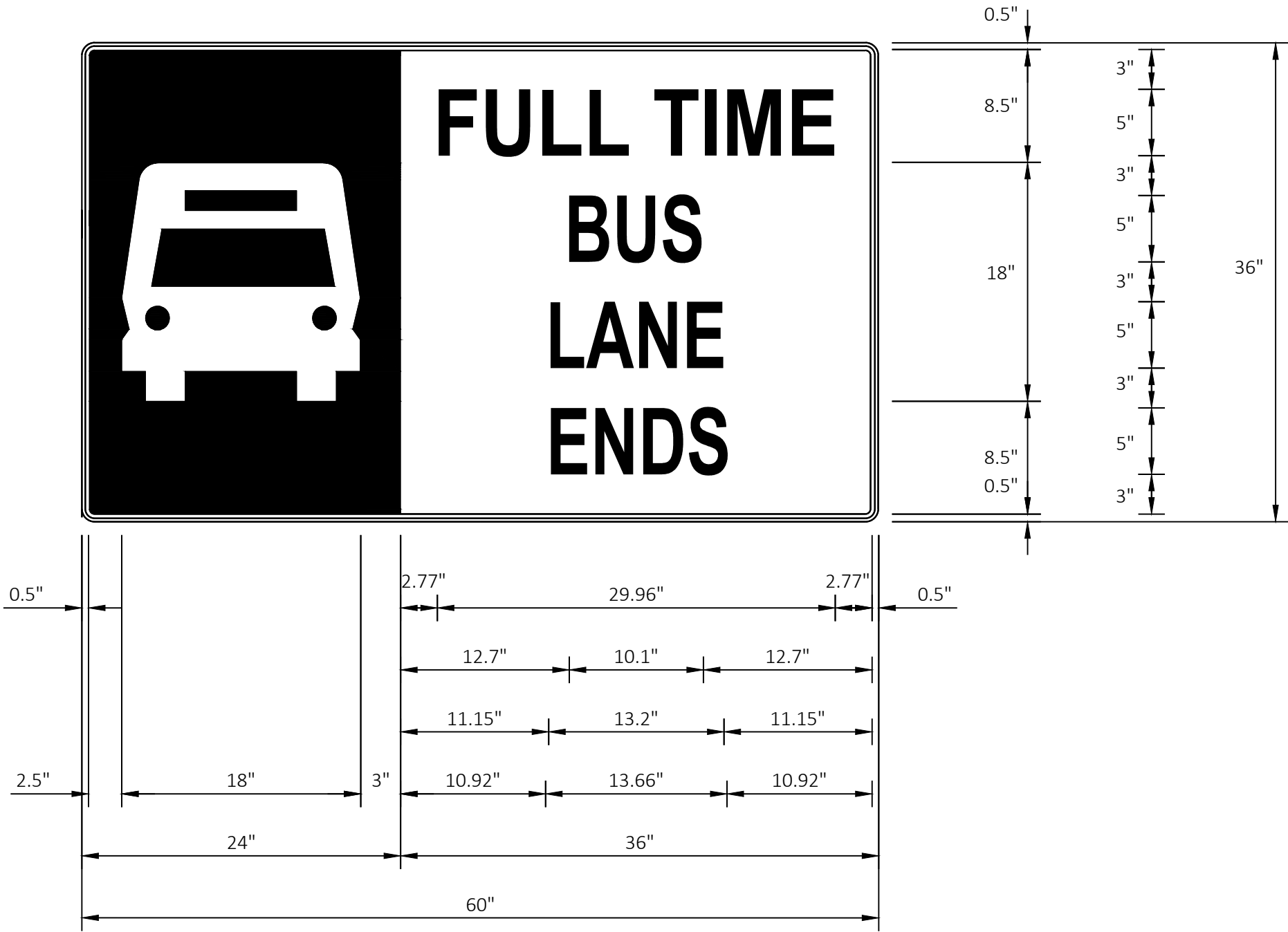
60631225P	PLAN REVISION 4	DATE	BY
60631225P	REVISION	2023-04-27	JAL
MARK	Designed By: KL ENG	Date: 2023-04-27	Scale: NTS

PERMANENT SIGNING DETAILS
BUS RAPID TRANSIT
CITY OF MADISON
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C



60631225P

PSD-13



NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
 - BACKGROUND - BLACK
 - MESSAGE - WHITE (SEE NOTE 5)
3. MESSAGE SERIES - C
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.
5. LEFT SYMBOL IS WHITE WITH BLACK TYPE H REFLECTIVE BACKGROUND. RIGHT LEGEND IS BLACK TYPE H REFLECTIVE WITH WHITE BACKGROUND.
6. THE 1/2" BORDER IS NON-REFLECTIVE BLACK.

11E-14



REVISED 4/27/23 JAL

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

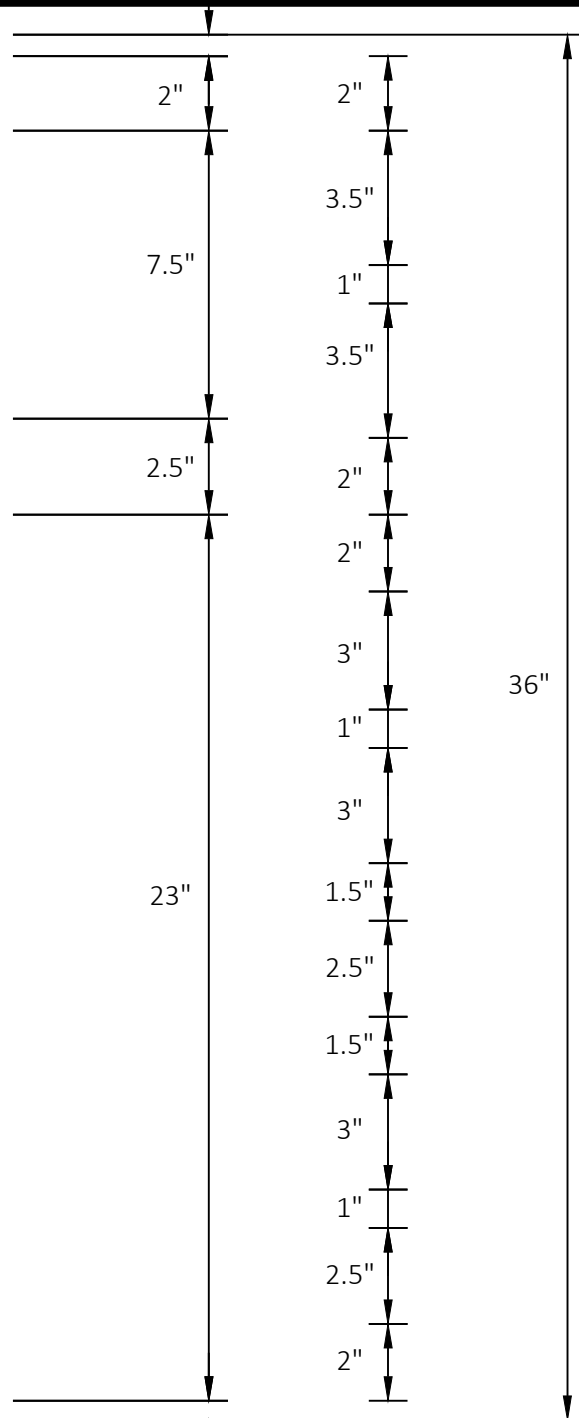
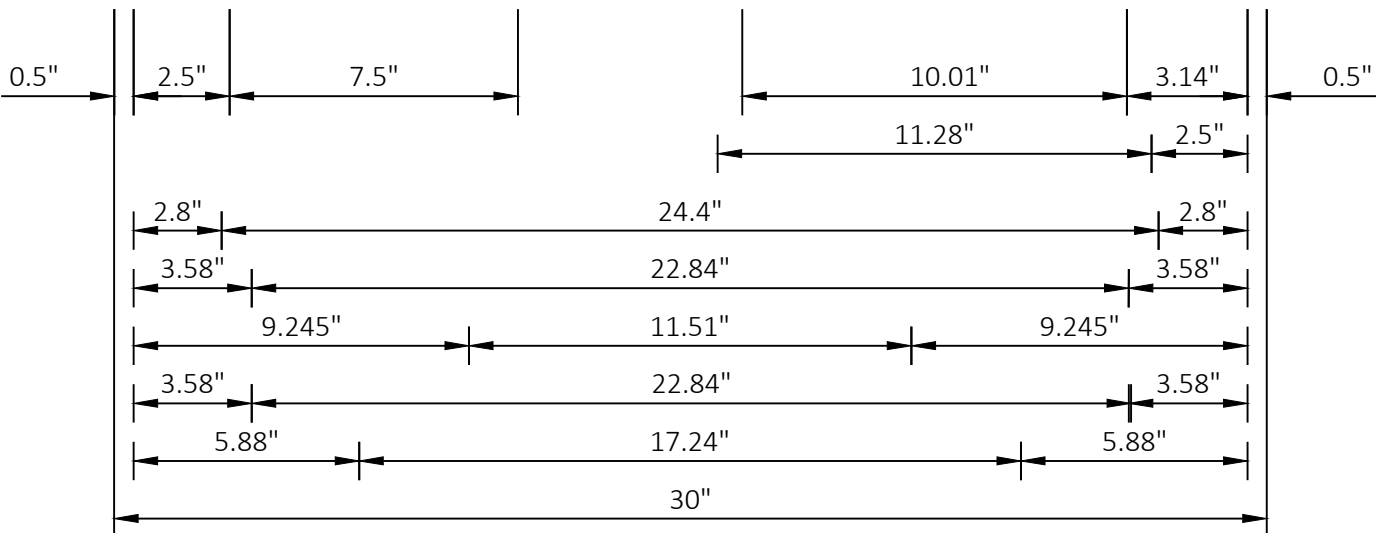
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

PSD-14

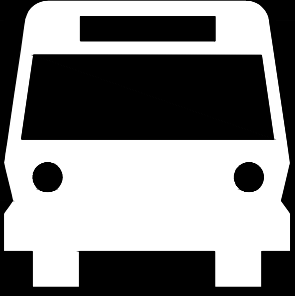


NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - BLACK
MESSAGE - WHITE (SEE NOTE 5)
3. MESSAGE SERIES - D
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.
5. TOP SYMBOL AND LEGEND ARE WHITE WITH BLACK TYPE H REFLECTIVE BACKGROUND. BOTTOM LEGEND IS BLACK TYPE H REFLECTIVE WITH WHITE BACKGROUND.
6. THE 1/2" BORDER IS NON-REFLECTIVE BLACK.

- 13E-08
- 13E-10
- 15E-11
- 15E-16

60631225P		60631225P	
CITY OF MADISON, DANE COUNTY, WI		CITY OF MADISON	
BUS RAPID TRANSIT		CONTRACT NO: 60631225C	
PERMANENT SIGNING DETAILS		PSD-15	
		60631225P PSD-15	



LEFT

LANE

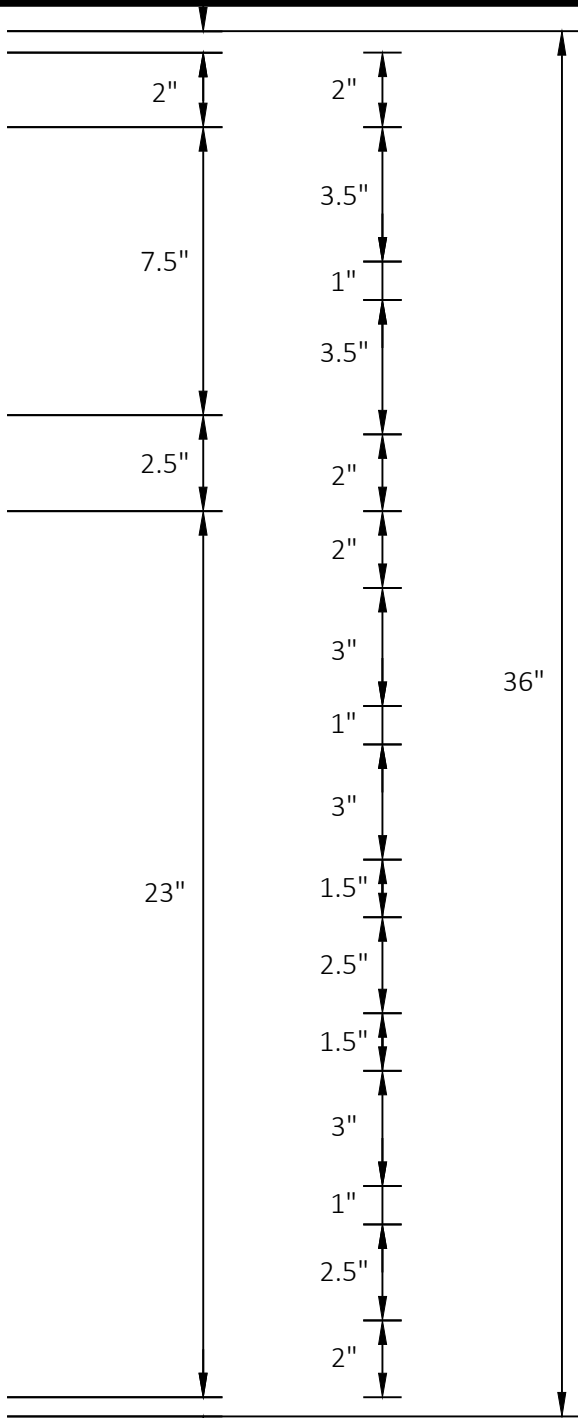
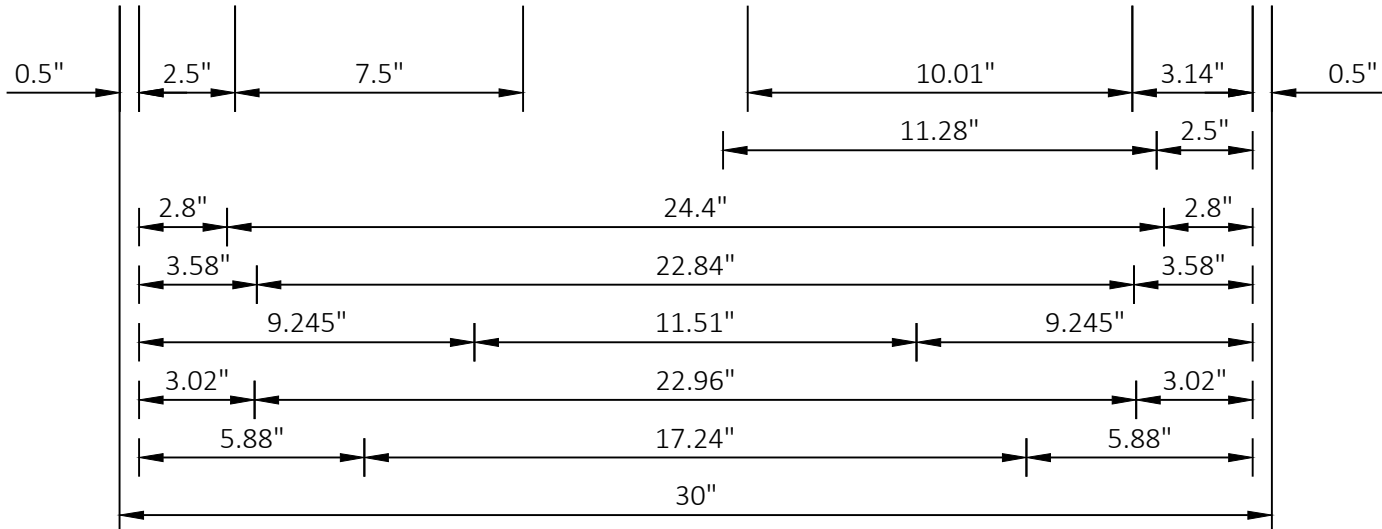
BUS & LEFT

TURN ONLY

EXCEPT

7AM - 9AM

MON - FRI



- NOTES:
- ALL SIGNS TYPE II - TYPE H REFLECTIVE
 - COLOR:
BACKGROUND - BLACK
MESSAGE - WHITE (SEE NOTE 5)
 - MESSAGE SERIES - D
 - CORNERS MAY BE SQUARE OR ROUNDED
WHEN BASE MATERIAL IS PLYWOOD. WHEN
BASE MATERIAL IS METAL, THE CORNERS
SHALL BE ROUNDED.
 - TOP SYMBOL AND LEGEND ARE WHITE WITH
BLACK TYPE H REFLECTIVE BACKGROUND.
BOTTOM LEGEND IS BLACK TYPE H REFLECTIVE
WITH WHITE BACKGROUND.
 - THE 1/2" BORDER IS NON-REFLECTIVE BLACK.

- 15E-01
- 15E-07
- 16E-01

PERMANENT SIGNING DETAILS

60631225P

CITY OF MADISON

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

PSD-16

60631225P

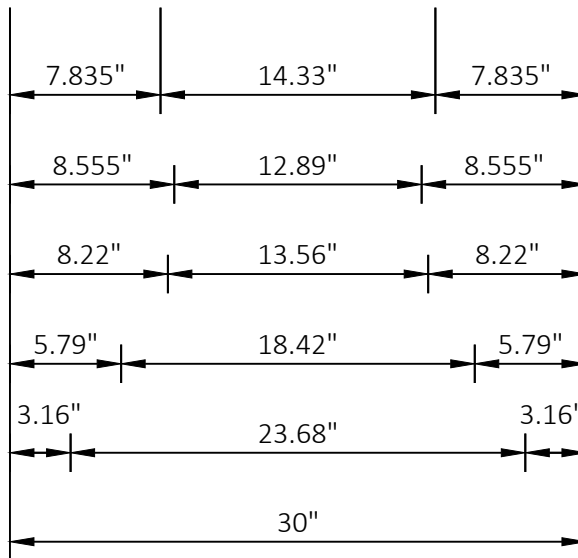
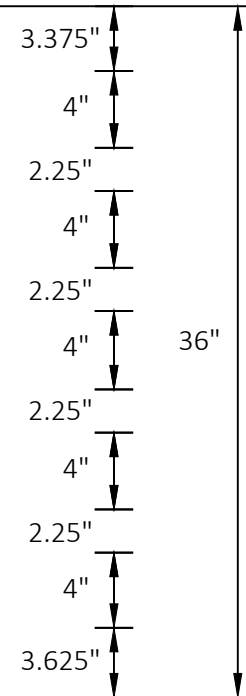
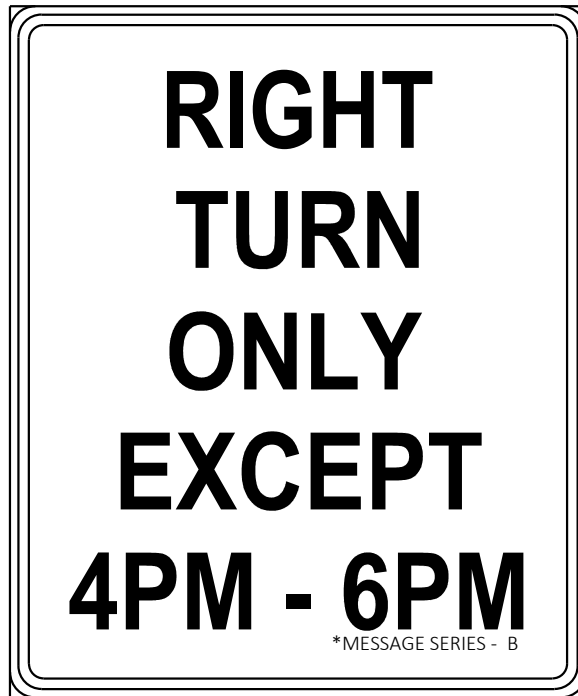
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

60631225P

PSD-16

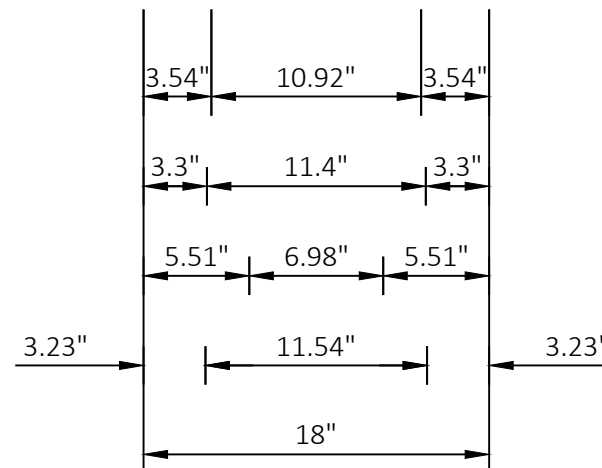
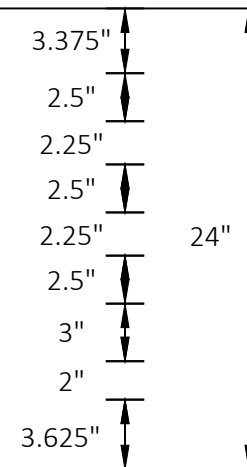
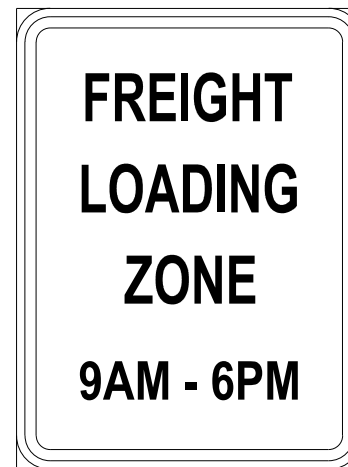
4E-23



NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - BLACK
3. MESSAGE SERIES - D (UNLESS NOTED)*
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.

12E-01



NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - WHITE
MESSAGE - RED
3. MESSAGE SERIES - C
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



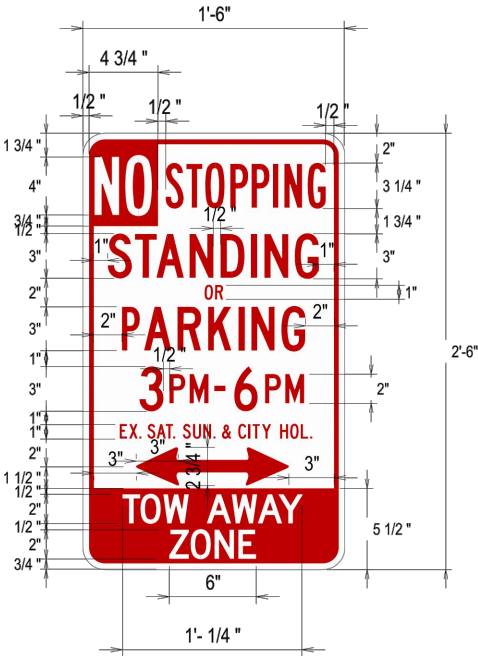
60631225P

PSD-17



REVISED 4/27/23 JAL

FILE NAME : G:\MACOM\00631225P\000 MADISON CITY\30 SHEETS\OTHER\SIGN PLATES AND DETAILS\03-500B-RV.DWG
DATE: 4/27/23
BY: JAL
CHECKED: JAL
DATE: 4/27/23
BY: JAL
SCALE: NTS
60631225P



- NOTES:
- 1. NO PARKING SIGNS SHALL BE STANDARD CITY OF MADISON SIGNS.
 - 2. SEE PLAN SHEETS FOR SPECIFIC SIGN ELEMENTS TO INCLUDE.
 - 3. SEE PLAN SHEETS FOR REQUIRED TIMES FOR EACH SIGN.

4E-08	5E-31	7E-15	9E-17	11E-03
4E-10	5E-32	7E-22	9E-19	11E-06
4E-20	5E-33	7E-23	9E-20	11E-09
5E-02	6E-01	8E-02	9E-21	11E-11
5E-04	6E-04	8E-05	10E-01	11E-12
5E-06	6E-06	8E-07	10E-03	11E-15
5E-08	6E-10	8E-09	10E-04	11E-17
5E-13	6E-13	8E-14	10E-15	11E-20
5E-14	6E-14	8E-15	10E-16	11E-23
5E-15	7E-01	8E-16	10E-22	11E-25
5E-18	7E-02	9E-08	10E-24	
5E-20	7E-04	9E-09	10E-26	
5E-23	7E-09	9E-10	10E-27	
5E-25	7E-13	9E-12	11E-01	



REVISED 6/27/23 JAL

PERMANENT SIGNING DETAILS	CITY OF MADISON BUS RAPID TRANSIT	60631225P	CITY OF MADISON DANE COUNTY, WI	CONTRACT NO: 60631225C	60631225P	JAL	6/27/23	DATE	BY	Scale: NTS	Designed By: KL ENG 60631225P	REVISION	PLAN REVISION 4	MARK	60631225P
CITY OF MADISON WISCONSIN															
60631225P															
PSD-18															

- NOTES:
- 1. 2 HOUR PARKING SIGNS SHALL BE STANDARD CITY OF MADISON SIGNS.
 - 2. SEE PLAN SHEETS FOR SPECIFIC SIGN ELEMENTS TO INCLUDE.
 - 3. SEE PLAN SHEETS FOR REQUIRED TIMES FOR EACH SIGN.

- 4E-09

4E-11

4E-21

5E-03

5E-05

5E-07

5E-09

5E-19

5E-21

5E-24

5E-26

6E-02

6E-05

6E-07
- 6E-11

7E-03

7E-05

7E-10

7E-14

7E-16

8E-03

8E-06

8E-08

8E-10

10E-23

10E-25

11E-02

11E-04
- 11E-07

11E-10

11E-13

11E-16

11E-18

11E-24

11E-26





60631225P

PSD-19

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN REVISION 4

REVISION

6/27/23

JAL

DATE

BY

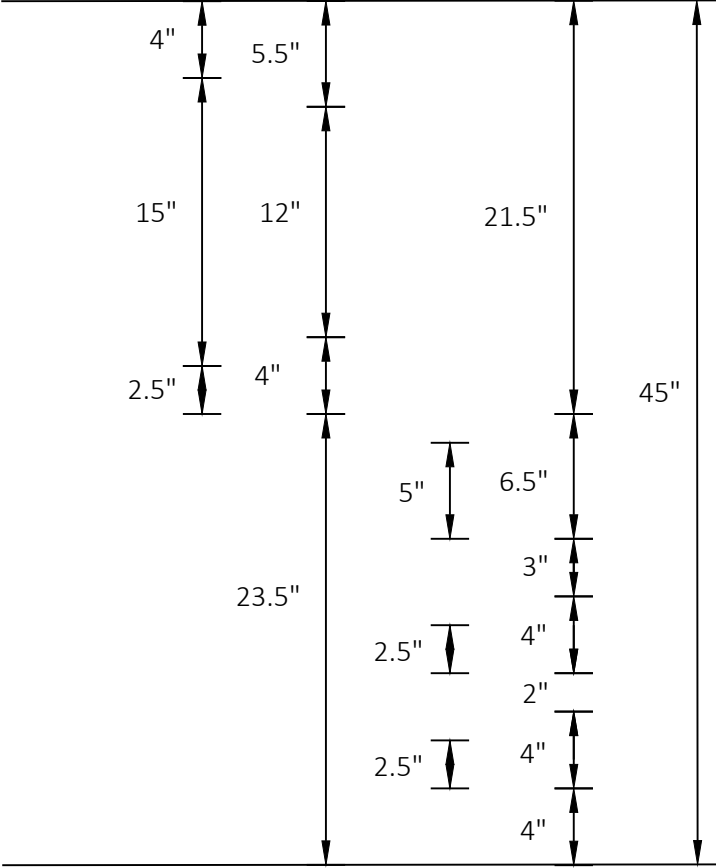
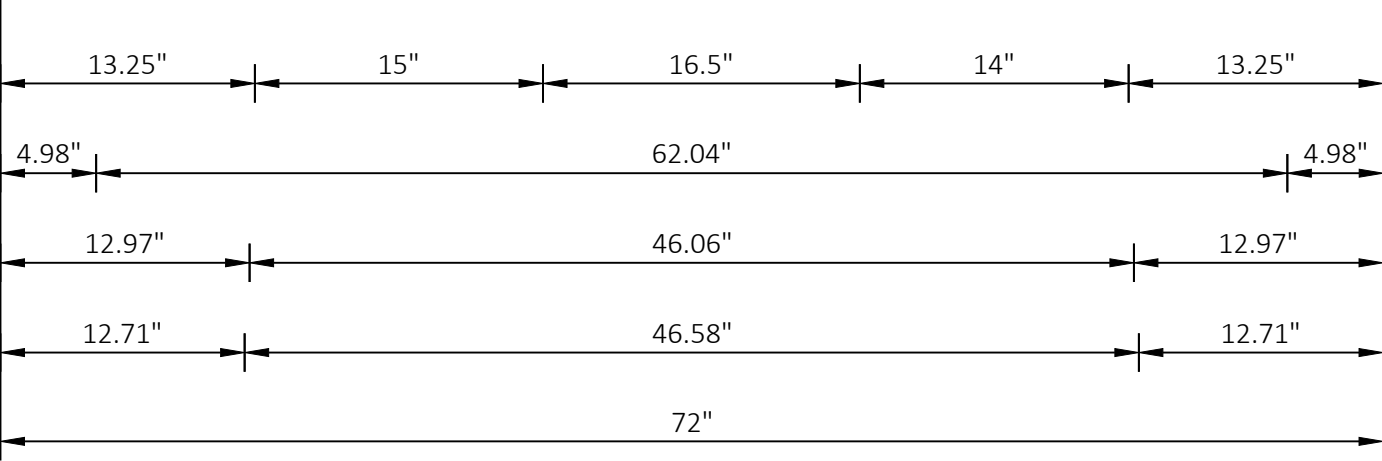
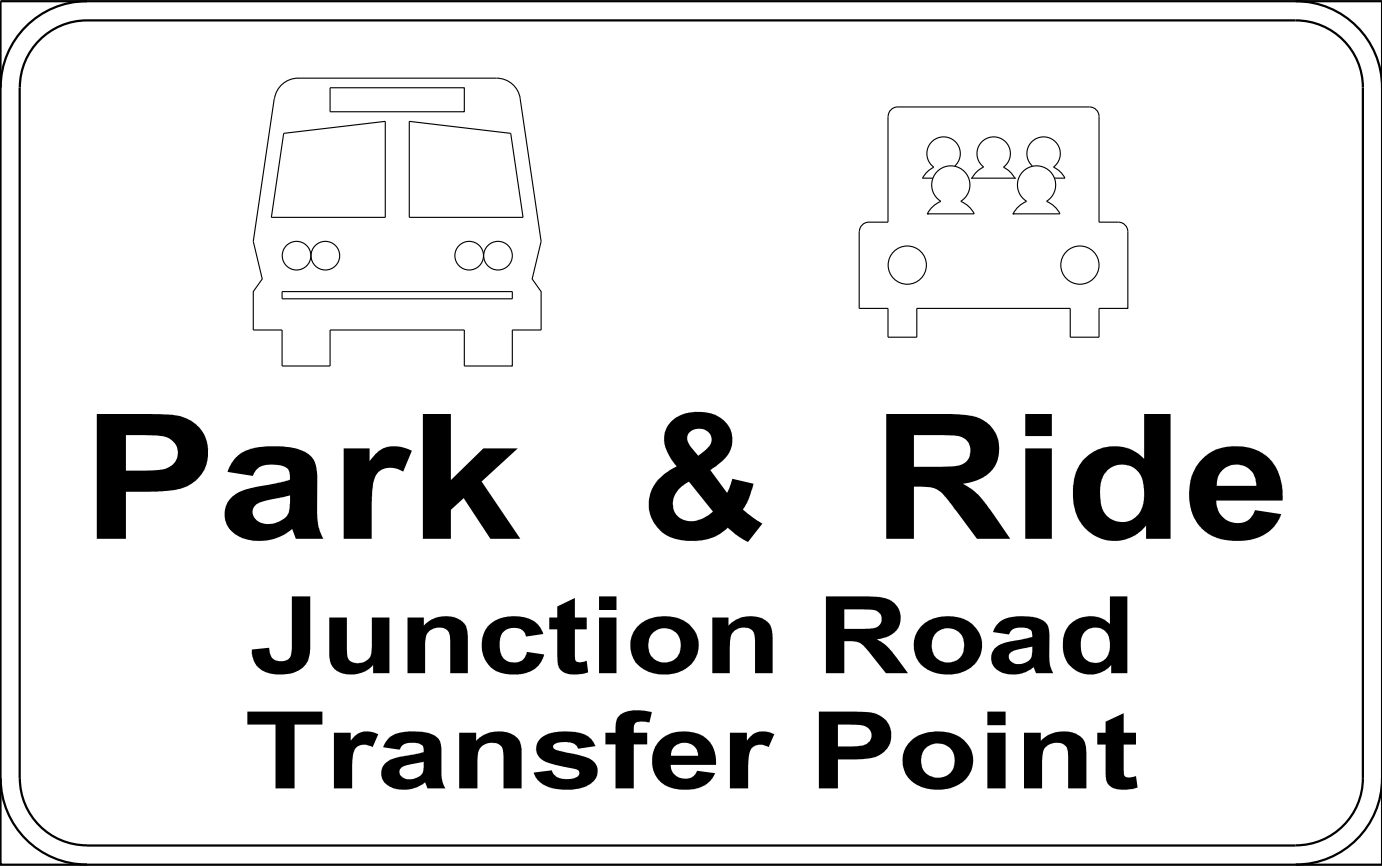
MARK

Designed By: KL ENG

Date: 2023-06-28

Scale: NTS

60631225P



NOTES:

- 1. SIGN IS TYPE II - TYPE H REFLECTIVE
- 2. COLOR:
BACKGROUND - GREEN
MESSAGE - WHITE
MESSAGE SERIES - E MODIFIED
- 3. CORNERS MAY BE SQUARE OR ROUNDED
WHEN BASE MATERIAL IS PLYWOOD. WHEN
BASE MATERIAL IS METAL, THE CORNERS
SHALL BE ROUNDED.

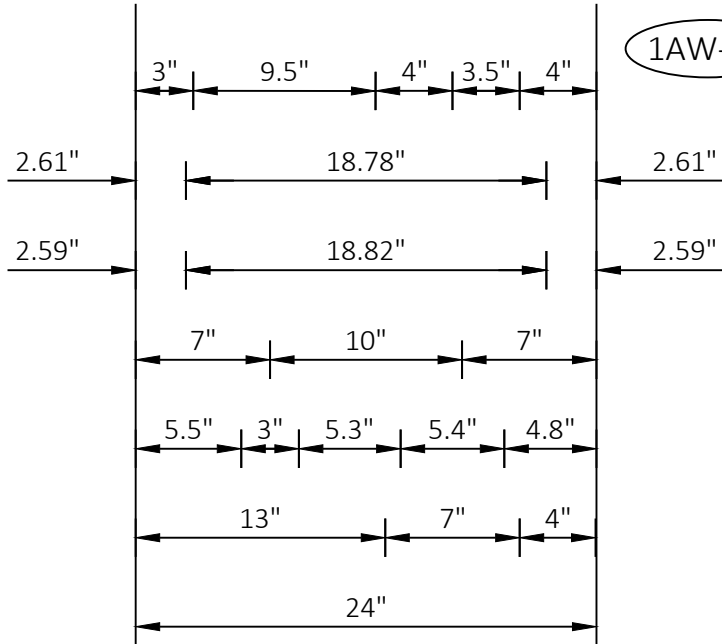
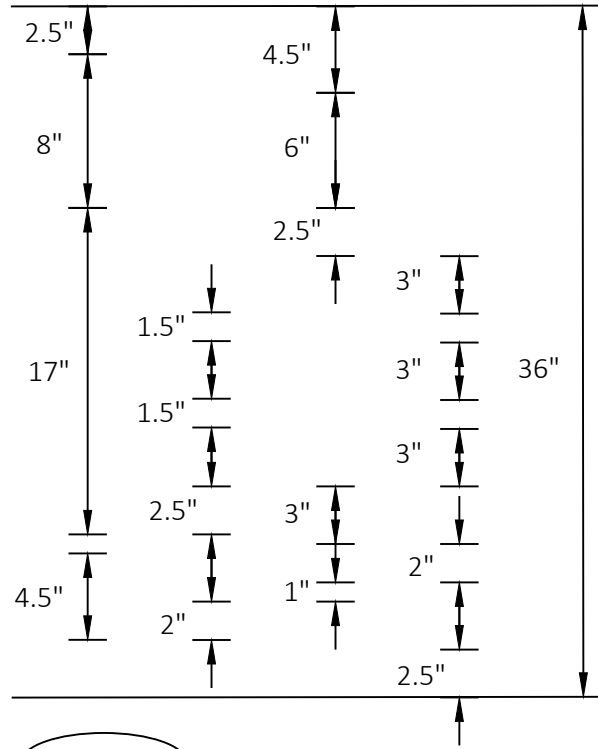
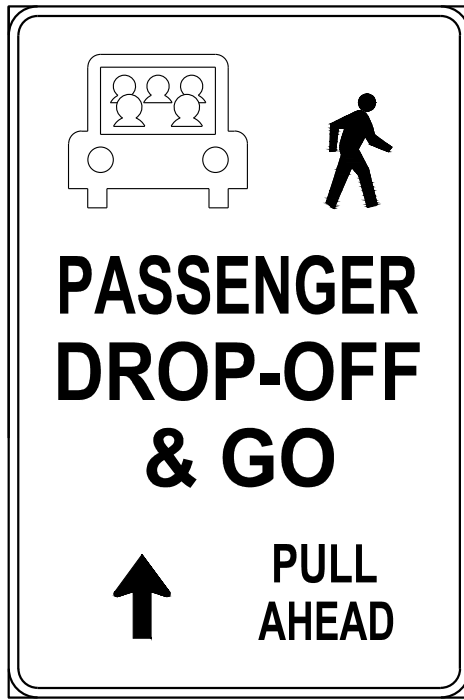
1AW-01



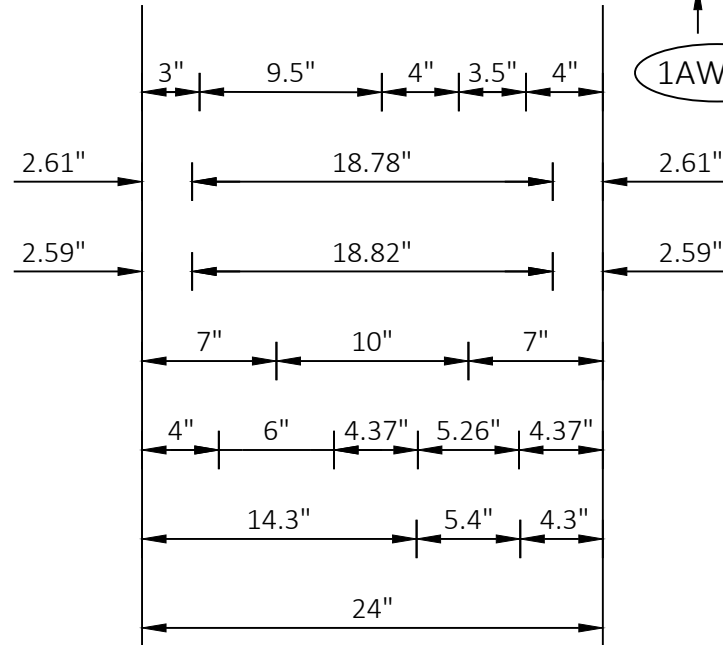
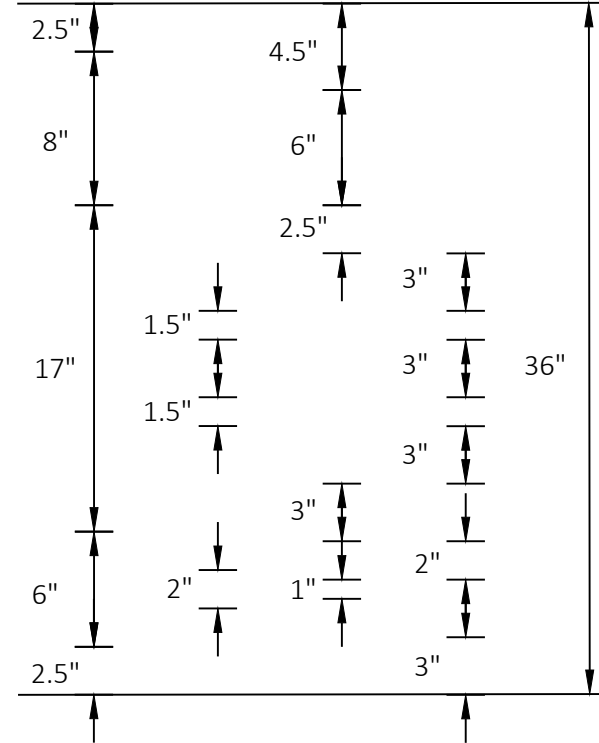
REVISED 4/27/23 JAL

PERMANENT SIGNING DETAILS	60631225P	PLAN REVISION 4	4/27/23	JAL
	CITY OF MADISON, DANE COUNTY, WI		DATE	BY
	BUS RAPID TRANSIT		REVISION	Scale: NTS
	CITY OF MADISON		MARK	Designed By: KL ENG Date: 2023-04-27 60631225P

60631225P
PSD-20



1AW-25



1AW-15

NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
BACKGROUND - BLACK
MESSAGE - WHITE
MESSAGE SERIES - D
3. CORNERS MAY BE SQUARE OR ROUNDED
WHEN BASE MATERIAL IS PLYWOOD. WHEN
BASE MATERIAL IS METAL, THE CORNERS
SHALL BE ROUNDED.



REVISED 4/27/23 JAL

PERMANENT SIGNING DETAILS	CITY OF MADISON BUS RAPID TRANSIT	CITY OF MADISON DANE COUNTY, WI	CONTRACT NO: 60631225C	60631225P	PLAN REVISION 4	4/27/23	JAL
				MARK	REVISION	DATE	BY
				Designed By: KL ENG	Date: 2023-04-27	Scale: NTS	
				60631225P			

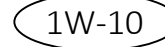


1AW-28

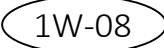
1AW-29

NOTES:

1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
 - BACKGROUND - WHITE
 - MESSAGE - RED
3. MESSAGE SERIES - SEE NOTE 5
4. CORNERS MAY BE SQUARE OR ROUNDED WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.
5. LINE 1 IS SERIES C.
LINES 2, 3 AND 4 ARE SERIES B.
6. SWAP OUT ELECTRIC FOR METRO IN LINE 3 AS REQUIRED PER SIGNS 1AW-28 & 1AW-29.



1. ALL SIGNS TYPE II - TYPE H REFLECTIVE
2. COLOR:
 - BACKGROUND - GREEN
 - MESSAGE - WHITE
3. MESSAGE SERIES - B
4. CORNERS MAY BE SQUARE OR ROUNDED
5. WHEN BASE MATERIAL IS PLYWOOD. WHEN BASE MATERIAL IS METAL, THE CORNERS SHALL BE ROUNDED.



REVISÉ 5/31/23 JAL

[illegible]

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

PSD-22

FILE NAME : G:\AECOM\20063-000 MADISON BR\civil 3D\SHEET\OTHER\SIGN PLATES AND DETAILS\0245R08-PM.DWG



R3-17 (MOD)



R3-17 (MOD)



R3-17 (MOD)

NOTE: BIKE LANE SIGNS SHALL
BE STANDARD CITY OF
MADISON SIGN WITH
BICYCLIST.



REVISED 4/27/23 JAL

PERMANENT SIGNING DETAILS

60631225P

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON

CONTRACT NO: 60631225C



60631225P

PSD-23

FILE NAME : G:\AECOM\20063-000 MADISON BR\3D\SHEET\OTHER\SIGN PLATES AND DETAILS\Q24500B-PM.DWG
LAYOUT NAME : 3D-23 LAST PLOT DATE : 2023-04-27

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:	3 PSF 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 I:	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 TrG (TRUCK INDUCED GUST)
	1.0 GVW (GALLOPING - CANTILEVER ONLY)

CONCRETE MASONRY	$f'_c = 3,500 \text{ PSI}$
HIGH STRENGTH STEEL REINFORCEMENT, GRADE 60	$f_y = 60,000 \text{ PSI}$
STRUCTURAL ANGLES, PLATES & BARS - ASTM A709 GRADE 36	$f_y = 36,000 \text{ PSI}$
HIGH STRENGTH BOLTS - ASTM A3125 GRADE A325	$f_y = 92,000 \text{ PSI}$
ANCHOR RODS - ASTM F1554 GRADE 55	$f_y = 55,000 \text{ PSI}$
HEAVY HEX NUTS - ASTM A563 GRADE DH OR ASTM A194 GRADE 2H	
WASHERS - ASTM F436	
DTI WASHERS - ASTM F959 TYPE 325	

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 24° (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.

BID ITEM NO.	BID ITEM	UNIT	2-SIGN OSS	3-SIGN OSS
531.2042	DRILLING SHAFT 42-INCH	LF	252	18
531.5130.01	FOUNDATION SINGLE-SHAFT TYPE MC-III (2-SIGN OSS)	EA	14	--
531.5130.02	FOUNDATION SINGLE-SHAFT TYPE MC-III (3-SIGN OSS)	EA	--	1
SPV.0060.286	INSTALL MONOTUBE CANTILEVER TYPE III (2-SIGN OSS)	EA	14	--
SPV.0060.287	INSTALL MONOTUBE CANTILEVER TYPE III (3-SIGN OSS)	EA	--	1

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 (1997). 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.D.D. 12 A4-3.

UNLESS DETAILED OTHERWISE IN THE PLANS, ALL H.S. BOLTED CONNECTIONS SHALL BE MADE WITH 3/4" 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 $\frac{1}{4}$ 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.)".

<u>STRUCTURE ID</u>	<u>SIGN AREA</u>	<u>SIGN DEPTH</u>	<u>FOUNDATION TYPE</u>
2-SIGN OSS	28 SF	4'-0"	TYPE MC-III
3-SIGN OSS	42 SF	4'-0"	TYPE MC-III

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

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

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)=34,900
R.D.S.=30 MPH

JOHNSON STREET
A.W.T.(2019)=29,900
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	DESIGNED CK'D	DRAWN BY	PLANS CK'D
BOS	CDH	STD	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

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

PSD-24

FILE NAME : G:\AECOM\20063-000 MADISON BR\3D\CIVIL 3D\SHEETS\OTHER\SIGN PLATES AND DETAILS\024500B-PM.DWG



STRUCTURE NUMBER	STATION	OFFSET	L/R	DIMENSIONS (FT)		
				"A"	"B"	"C"
OSS-1	81+00 'MP'	6.2	RT	3.2	10.9	10.9
OSS-2	106+65 'MP'	1.3	RT	2.7	11.3	11.0
OSS-3	135+51 'MP'	0.8	RT	4.1	10.9	10.0
OSS-4	159+66 'MP'	3.9	LT	2.2	11.1	11.7
OSS-5	180+99 'MP'	0.3	RT	3.5	10.9	10.6
OSS-6	197+24 'MP'	1.3	LT	3.6	11.2	10.2
OSS-7	32+27 'WW'	12.0	RT	3.0	10.9	11.1
OSS-8	57+29 'WW'	1.7	RT	7.4	10.6	7.0
OSS-9	16+68 'SE'	51.1	RT	2.8	12.0	10.2
OSS-10	313+00 'UC'	8.3	LT	2.4	11.9	10.7
OSS-11	365+63 'UC'	5.2	RT	4.3	10.0	10.7
OSS-13	245+38 'JO'	30.3	RT	2.8	11.9	10.3
OSS-17	311+44 'WA'	1.5	LT	3.0	10.0	12.0
OSS-26	400+39 'WA'	9.7	RT	2.5	10.5	12.0

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

NOTES

GENERAL LAYOUT FOR ALL 2-SIGN OVERHEAD
CANTILEVER MONOTUBES. SEE PERMANENT
SIGNING PLANS FOR MORE DETAILS FOR EACH
SPECIFIC LOCATION.

LEGEND

- ☆ ELEVATIONS GIVEN ALONG C/L STRUCTURE
-  SIGN NUMBER, SEE PERMANENT SIGNING PLAN
- STANDOFF DIMENSION IS ASSUMED TO BE 2½", BUT IS A MAX. OF 2 x ANCHOR ROD DIAMETER. SEE FOUNDATION DETAILS SHEET AND SHOP DRAWINGS FOR MORE INFORMATION.
- ❗ 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 2-SIGN OSS			
DRAWN BY		STD	PLANS CK'D CDH
GENERAL LAYOUT 2-SIGN OSS		SHEET 2 OF 3	

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON



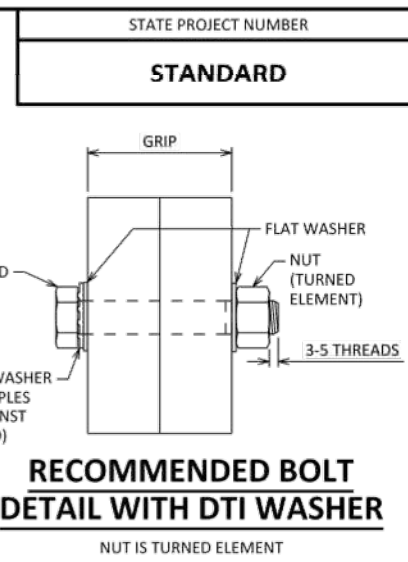
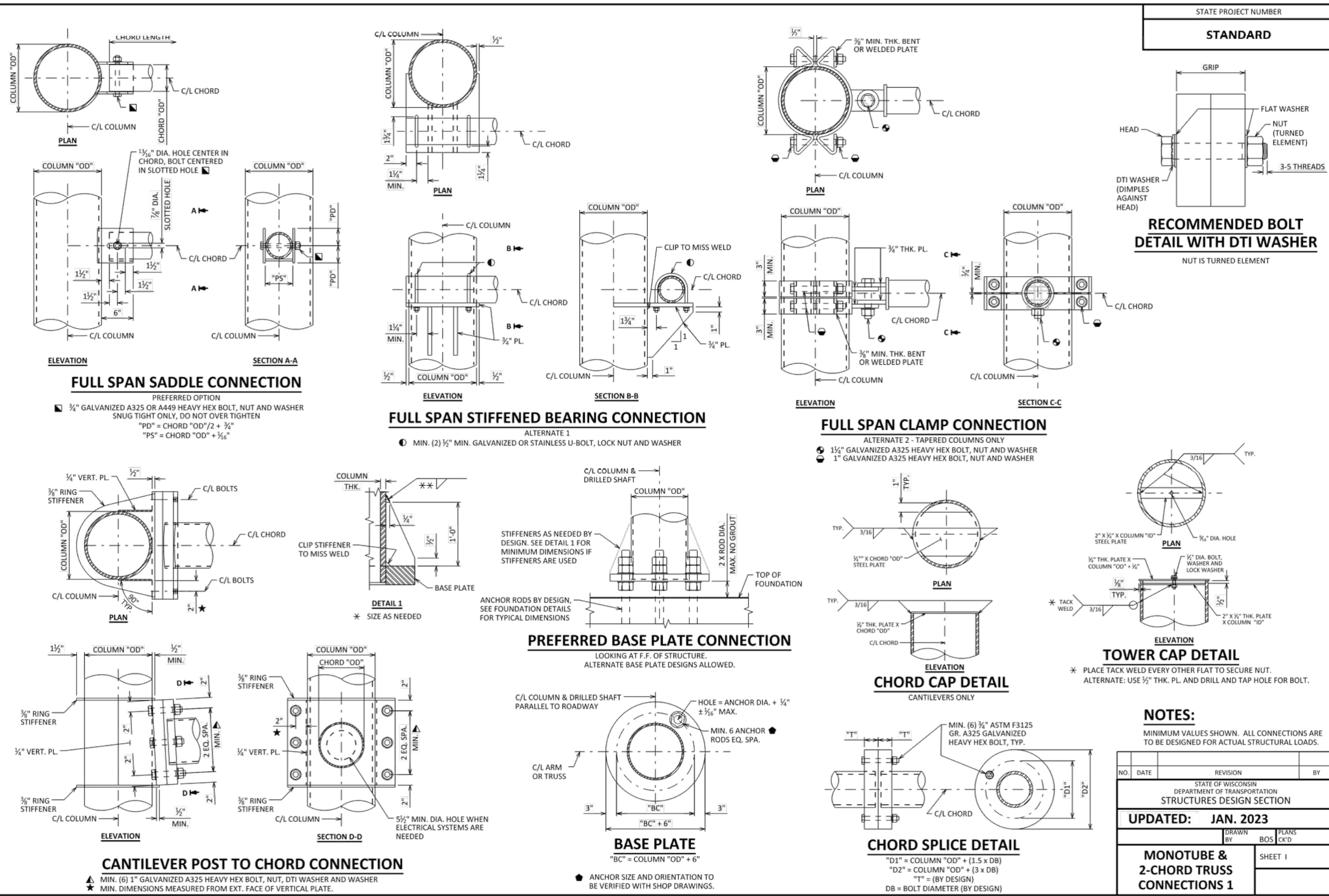
60631225P

PSD-25



NO.	DATE		REVISION		BY
STRUCTURE 3-SIGN OSS					
			DRAWN BY	STD	PLANS CK'D CDR
GENERAL LAYOUT 3-SIGN OSS				SHEET 3 OF 3	

PSD-26



60631225P

CITY OF MADISON, DANE COUNTY, WI

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

PSD-27

STATE PROJECT NUMBER

42723

DATE

2023-04-27

REVISION

PLAN REVISION 4

MARK

DESIGNED BY: KL ENG

Scale: NTS

60631225P

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

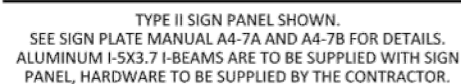
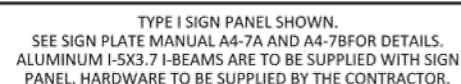
UPDATED: JAN. 2023

DRAWN BY: BOS
PLANS CK'D: CK'D

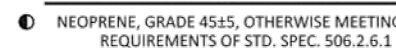
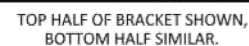
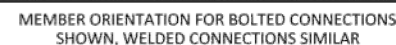
MONOTUBE & 2-CHORD TRUSS CONNECTIONS 1

SHEET 1

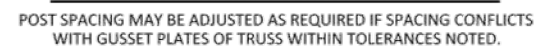
FILE NAME: G:\AECOM\0063-000 MADISON BR\CVIL 3D\SHEETS\OTHER\SIGN PLATES AND DETAILS\024500B-RM.DWG
LAYOUT NAME: PSD-27
DATE: 2023-04-27



★ W6X12 SUPPORTS AND HARDWARE ARE TO BE SUPPLIED BY THE CONTRACTOR. 3/2" STAINLESS BOLT, NUT, WASHER AND LOCK WASHER REQUIRED. 4 PER W6X12

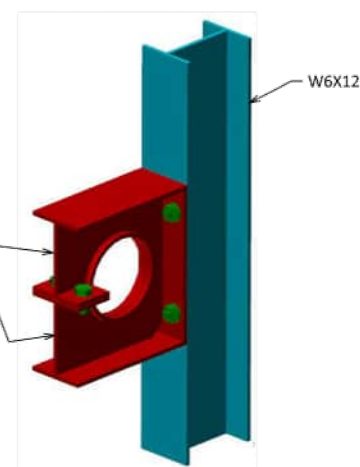


▲ IF DMS CONNECTION BRACKET IS USED WITH A TYPE II SIGN PANEL, THE BOLT HOLE MUST BE GALVANIZED AND A STAINLESS WASHER USED BETWEEN THE I-BEAM AND SIGN PANEL.



CHORD NOT SHOW FOR CLARITY

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
UPDATED:		JAN. 2023	
		DRAWN BY	PLANS CK'D
MONOTUBE & 2-CHORD TRUSS CONNECTIONS 2		SHEET II	



PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

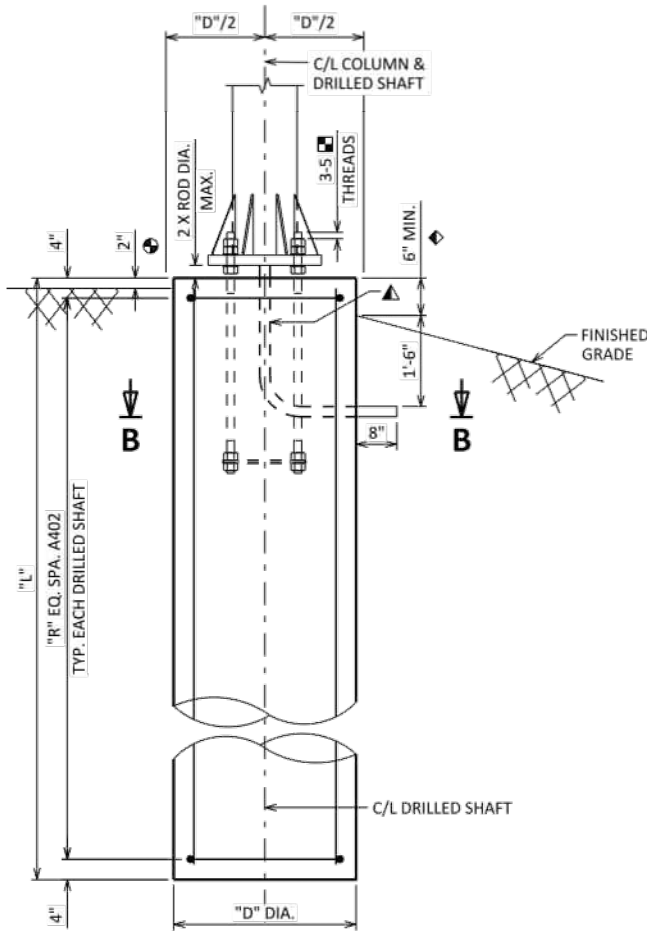
PSD-28

60631225P

CITY OF MADISON, DANE COUNTY, WI

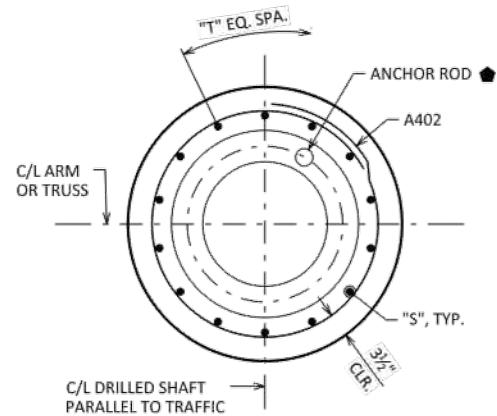
CONTRACT NO: 60631225C

FILE NAME : G:\AECOM\20063-000 MADISON RRT\CIVIL 3D\SHEETS\OTHER\SIGN PLATES AND DETAILS\024500B-PM.DWG



ELEVATION

- TYPICAL FOR DRILLED SHAFT FOOTINGS INSTALLED ADJACENT TO SIDEWALKS OR BEHIND CURB AND GUTTER ON LOW SPEED ROADS. TOP OF SHAFT SHALL BE FLUSH IF SURROUNDED BY CONCRETE AND 2" ABOVE FINISHED GRADE FOR ALL OTHER SURFACES.
- TYPICAL FOR EACH DRILLED SHAFT FOOTING INSTALLED ADJACENT TO ROADWAY FACILITIES OR ON SIDE SLOPES WITHIN CLEAR ZONE. BARRIER OR BEAMGUARD MAY BE REQUIRED.



SECTION B-B

TYPICAL FOR EACH DRILLED SHAFT FOOTING

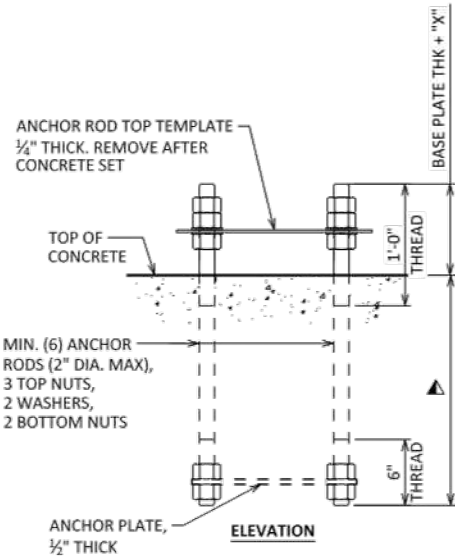
FOUNDATION DIMENSION DATA

STANDARD DESIGN TYPE	FOUNDATION DIMENSIONS					
	"D"	"L"	"R"	"S"	"T"	"BC" MAX.
MFI	2'-0"	12'-0"	12	A801	6	1'-0"
MFII	2'-6"	13'-0"	13	A801	10	1'-5"
MCI/MCII/TFI	2'-6"	17'-0"	17	A801	10	1'-5"
TCI	3'-0"	18'-0"	18	A801	14	1'-10"
TFII	3'-0"	20'-0"	20	A801	14	1'-10"
MCIII/TCII/TFIII	3'-6"	18'-0"	18	A901	14	2'-4"
MCIV/TFIV	3'-6"	23'-0"	23	A901	14	2'-4"
TCIII	4'-0"	23'-0"	23	A1001	14	2'-10"
TCIV	4'-0"	28'-0"	28	A1001	14	2'-10"

ESTIMATED QUANTITIES - FOUNDATION

STANDARD DESIGN TYPE	CONCRETE MASONRY	STEEL REINFORCEMENT HS	FOUNDATION DRILLING (DIA.) (LF)				
	(CY)	(LBS)	24"	30"	36"	42"	48"
MFI	2	240	12	---	---	---	---
MFII	3	410	88	13	---	---	---
MCI/MCII/TFI	4	540	---	17	---	---	---
TCI	5	780	---	---	18	---	---
TFII	6	860	---	---	20	---	---
MCIII/TCII/TFIII	7	970	---	---	---	18	---
MCIV/TFIV	9	1,250	---	---	---	23	---
TCIII	11	1,560	---	---	---	---	23
TCIV	13	1,900	---	---	---	---	28

QUANTITIES ARE FOR INFORMATION ONLY AND ARE BASED ON A SINGLE DRILLED SHAFT. MULTIPLY BY 2 FOR FULL SPAN STRUCTURES.



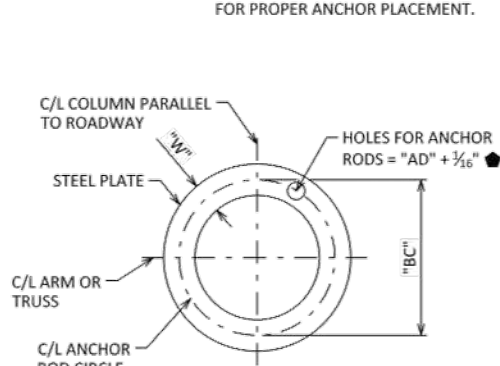
ANCHOR ROD ASSEMBLY DETAILS

ANCHOR RODS PER ASSEMBLY TO BE DESIGNED BY CONTRACTOR AND SHOWN ON SHOP DRAWINGS. SHOW DIAMETER, NUMBER, ORIENTATION AND EMBEDMENT OF ANCHOR RODS.

CENTER ANCHOR ROD ASSEMBLY AND ENSURE ASSEMBLY IS PLUMB. MAINTAIN ANCHOR ROD PROJECTION ABOVE TOP OF CONCRETE AS DETAILED. ANCHOR ROD ASSEMBLY SHALL BE RIGIDLY SECURED IN POSITION DURING AND AFTER CONCRETE PLACEMENT. DO NOT WELD THE ANCHORS.

ANCHOR DIAMETER	MAX. STICK OUT
	"X"
1"	5"
1 1/2"	6"
1 3/4"	7"
1 5/8"	8"
2"	9"

- ADD BASE PLATE THICKNESS TO VALUE SHOWN FOR MAX. STICK OUT DIMENSION. CONTRACTOR TO COORDINATE WITH FABRICATOR FOR PROPER ANCHOR PLACEMENT.



ANCHOR PLATE & TOP TEMPLATE

- ANCHOR SIZE AND POSITION TO BE VERIFIED WITH SHOP DRAWINGS.

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BILL OF BARS

STANDARD TYPE MFI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		6	11'-8"			DRILLED SHAFT - VERTICAL
A402		13	5'-10"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE MFII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		10	12'-8"			DRILLED SHAFT - VERTICAL
A402		14	9'-4"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCI/MCII/TFI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A901		10	16'-8"			DRILLED SHAFT - VERTICAL
A402		18	9'-4"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A901		14	17'-8"			DRILLED SHAFT - VERTICAL
A402		19	10'-10"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TFII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	19'-8"			DRILLED SHAFT - VERTICAL
A402		21	10'-10"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCIII/TCII/TFIII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	17'-8"			DRILLED SHAFT - VERTICAL
A402		19	12'-5"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCIV/TFIV

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	22'-8"			DRILLED SHAFT - VERTICAL
A402		24	12'-5"	X		DRILLED SHAFT - HORIZONTAL

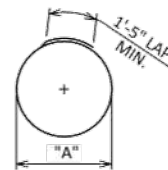
STANDARD TYPE TCIII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	22'-8"			DRILLED SHAFT - VERTICAL
A402		24	14'-0"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCIV

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	27'-8"			DRILLED SHAFT - VERTICAL
A402		29	14'-0"	X		DRILLED SHAFT - HORIZONTAL

VALUES IN BAR TABLES ARE FOR A SINGLE FOUNDATION ONLY. MULTIPLY BY 2 FOR FULL SPAN STRUCTURES.



A402

LEGEND

- ANCHOR ROD STICK OUT IN FINAL CONDITION. EXCESSIVE STICK OUT BEYOND DIMENSION SHOWN TO BE CUT OFF AFTER PLACING STRUCTURE. ANCHORS TO BE ULTRASONIC TESTED TO DETERMINE EMBEDDED LENGTH MEETS REQUIREMENTS PRIOR TO CUTTING. NOTE REMAINING LENGTH ON AS-BUILT.
- 2 - 2" DIA. NON-METALLIC CONDUITS. INSTALL ONLY WITH DMS. EXTEND CONDUITS AS SHOWN AND CAP OR SEAL EACH END WITH A SUITABLE REMOVABLE PLUG. PLACE CONDUITS UNDER COLUMN ADJACENT TO DMS. CONDUITS INCIDENTAL TO THE FOUNDATION BID ITEMS.

PERMANENT SIGNING DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

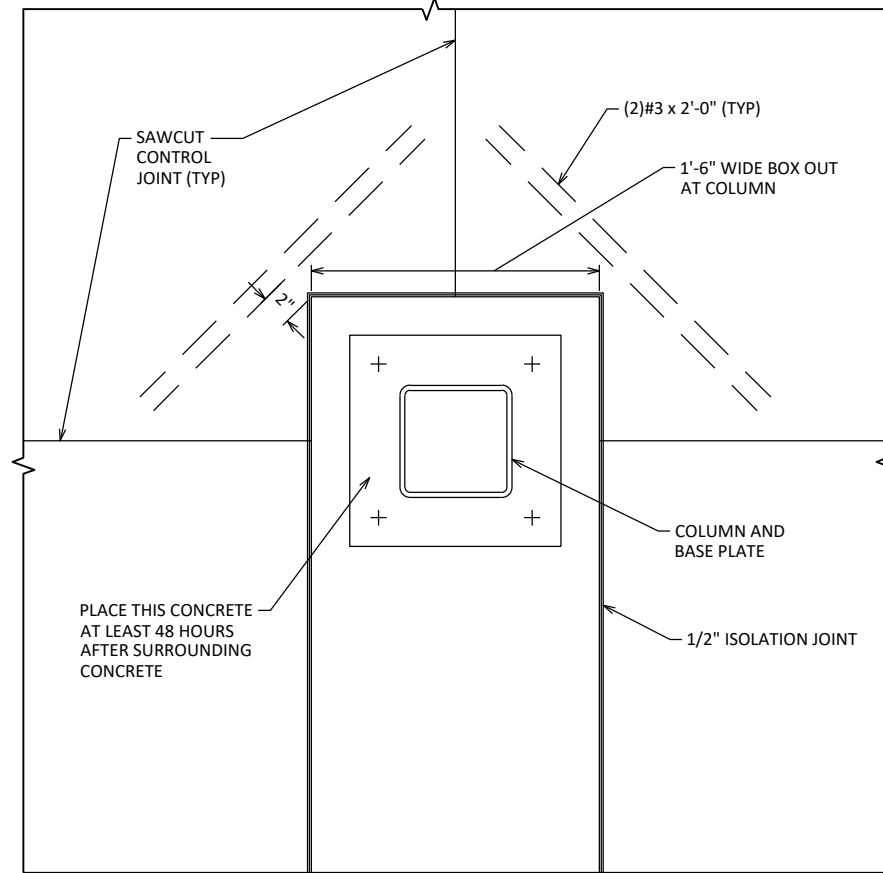
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

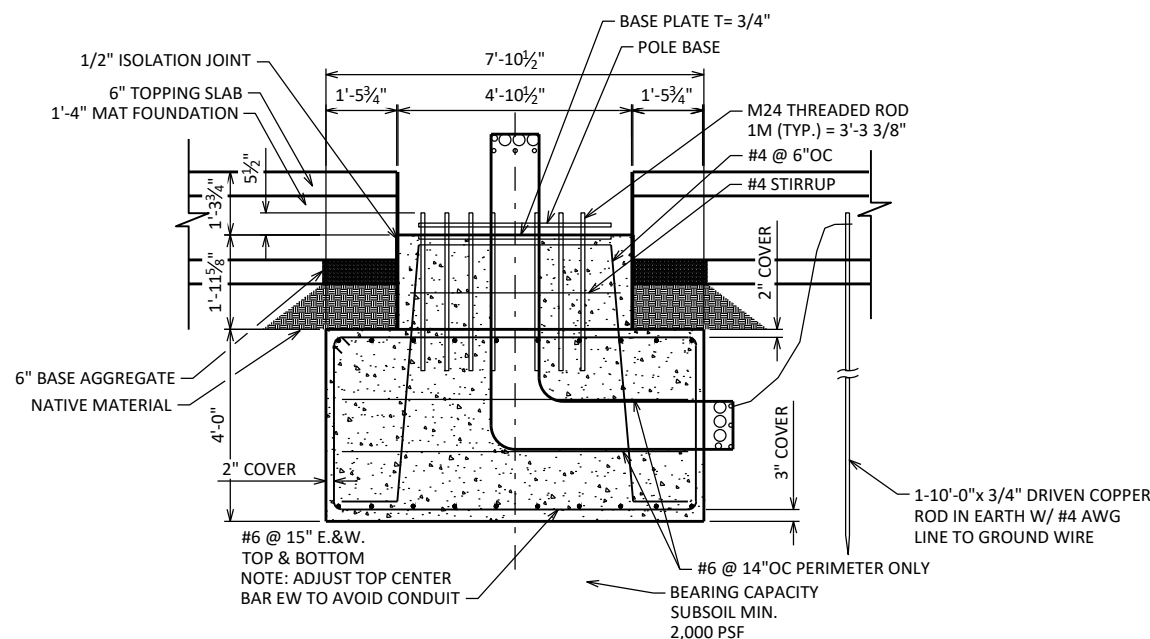


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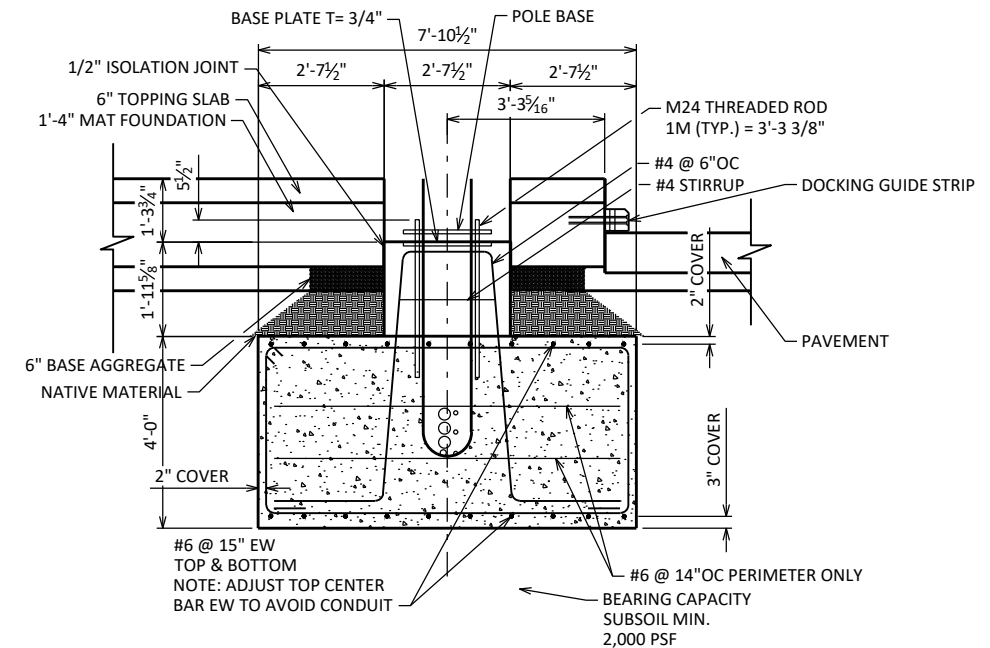
PSD-30



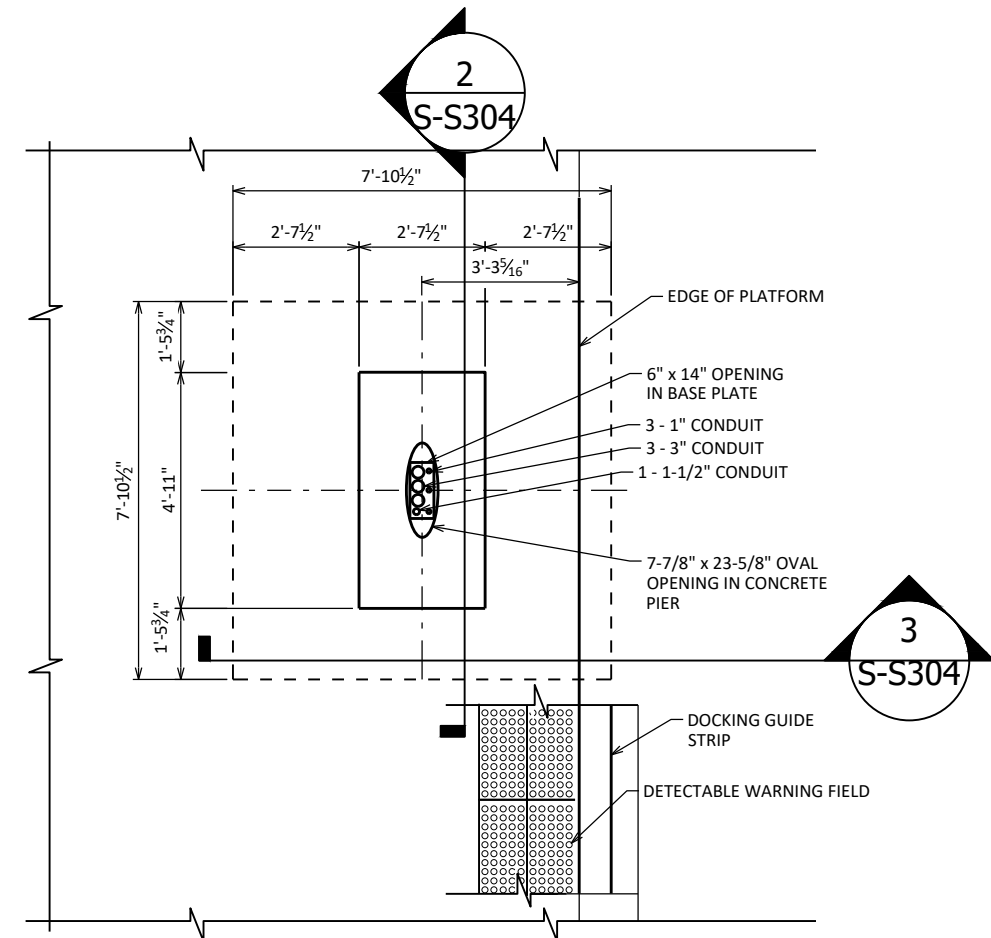
5 TYPICAL BOX OUT AT COLUMN
1" = 1'-0"



2 SECTION - FOUNDATION AT CHARGER POLE
1/4" = 1'-0"



3 SECTION - FOUNDATION AT CHARGER POLE
1/4" = 1'-0"



1 PLAN - FOUNDATION AT CHARGER POLE
1/4" = 1'-0"

DATE	BY
7/07/23	DAA
REVISION	MARK
1	PLAN REVISION 4

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

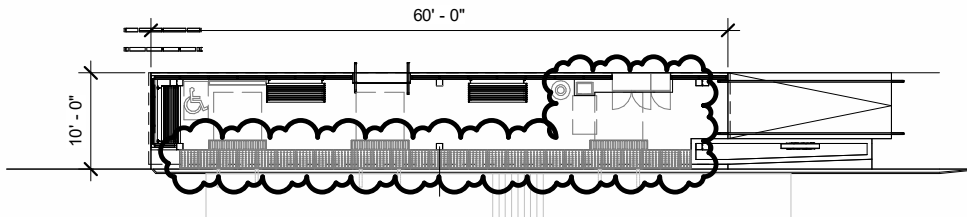
BUS RAPID TRANSIT
CITY OF MADISON



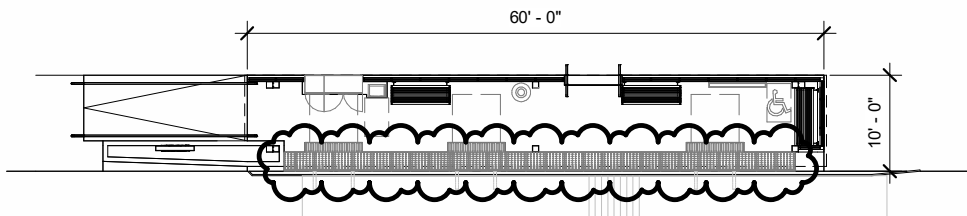
60631225P
S-S304

REVISED SHEET

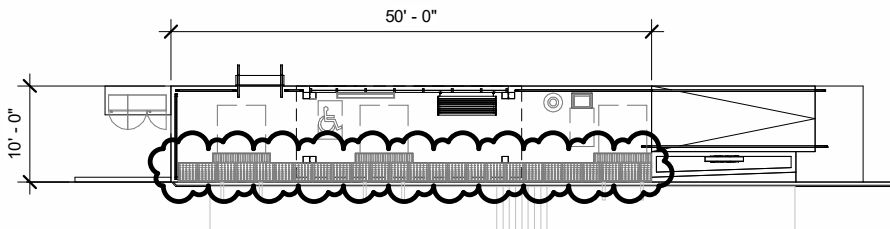
BUS SIZES SHOWN
ARE APPROXIMATE



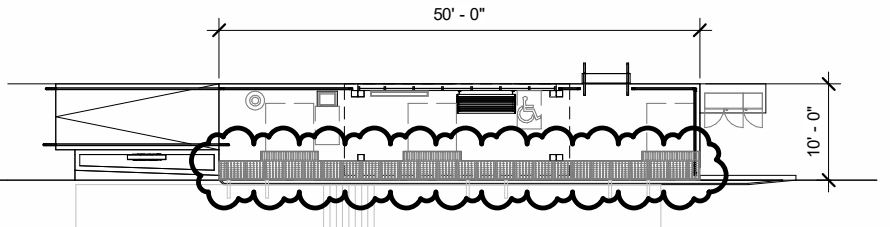
1
TYPE A1
Scale: 1" = 20'-0"



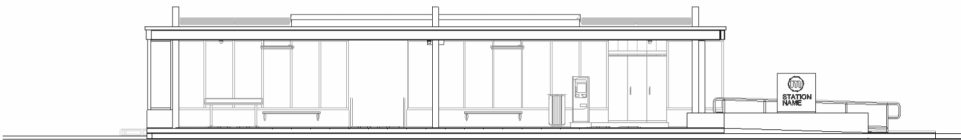
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TYPE A2
Scale: 1" = 20'-0"



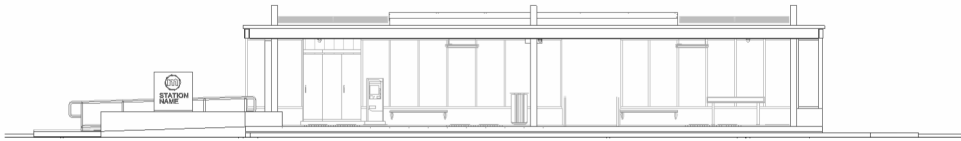
3
TYPE A3
Scale: 1" = 20'-0"



4
TYPE A4
Scale: 1" = 20'-0"



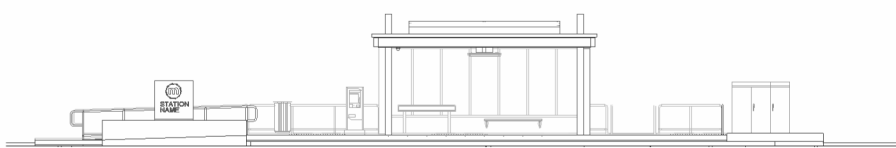
5
ELEVATION 01 - TYPE A1
Scale: 1" = 20'-0"



6
ELEVATION 01 - TYPE A2
Scale: 1" = 20'-0"



7
ELEVATION 01 - TYPE A3
Scale: 1" = 20'-0"



8
ELEVATION 01 - TYPE A4
Scale: 1" = 20'-0"

PLATFORM TYPE - A1
CURBSIDE
ENTRY RIGHT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W

PLATFORM TYPE - A2
CURBSIDE
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W

PLATFORM TYPE - A3
CURBSIDE
ENTRY RIGHT

PLATFORM SIZE: 50'-0"L x 10'-0"W
CANOPY SIZE: 23'-5"L x 9'-6"W

PLATFORM TYPE - A4
CURBSIDE
ENTRY LEFT

PLATFORM SIZE: 50'-0"L x 10'-0"W
CANOPY SIZE: 23'-5"L x 9'-6"W

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

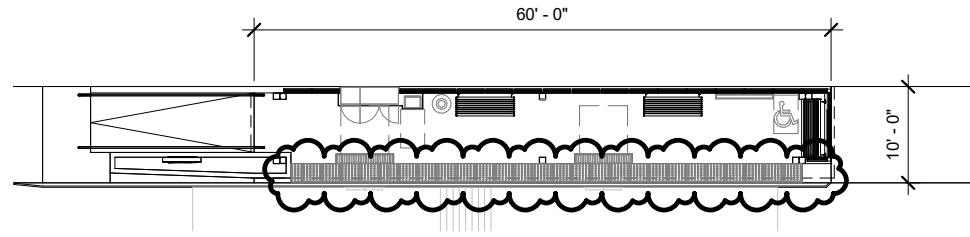


60631225P

A100

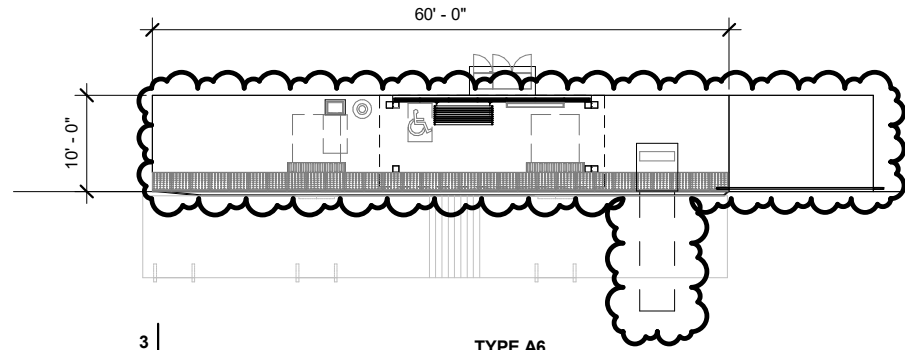
MARK	REVISION	DATE	BY
4	REVISION 4	06/13/2023	
Designed By: DSG Date: 7/10/2023 11:21:28 AM Scale: --			

BUS SIZES SHOWN
ARE APPROXIMATE

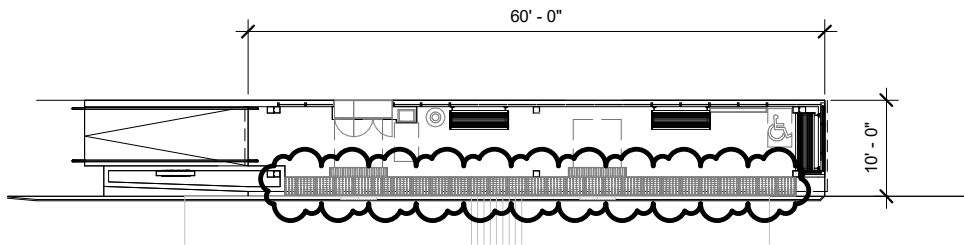


2 TYPE A5

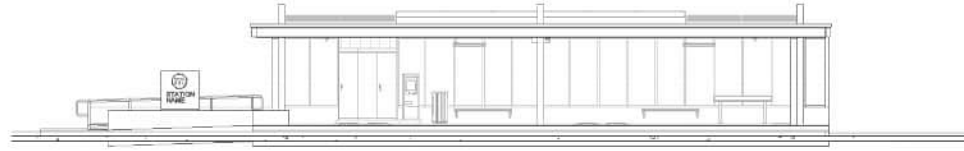
Scale: 1" = 20'-0"



3	TYPE A6
	Scale: 1" = 20'-0"

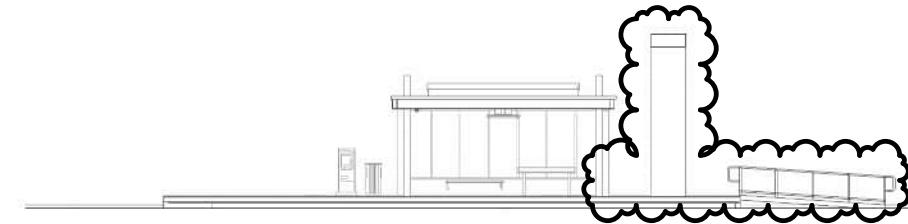


7	TYPE A7
	Scale: 1" = 20'-0"

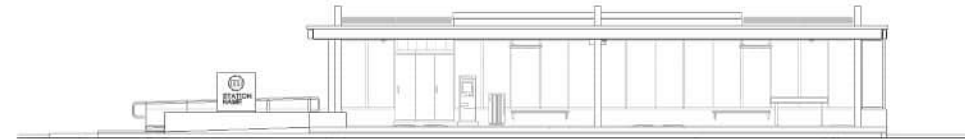


5 | ELEVATION 01 - TYPE A5

Scale: 1" = 20'-0"



6	ELEVATION 01 - TYPE A6
	Scale: 1" = 20'-0"



8	ELEVATION 01 - TYPE A7
	Scale: 1" = 20'-0"

PLATFORM TYPE - A5
CURBSIDE CENTER
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W

PLATFORM TYPE - A6
CURBSIDE AT CHARGING STATION
ENTRY BOTH SIDES

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 23'-5"L x 9'-6"W

PLATFORM TYPE - A7
CURBSIDE CENTER WITH GREENSPACE BEHIND
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 10'-0"W
CANOPY SIZE: 60'-6"L x 9'-6"W

[illegible]

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

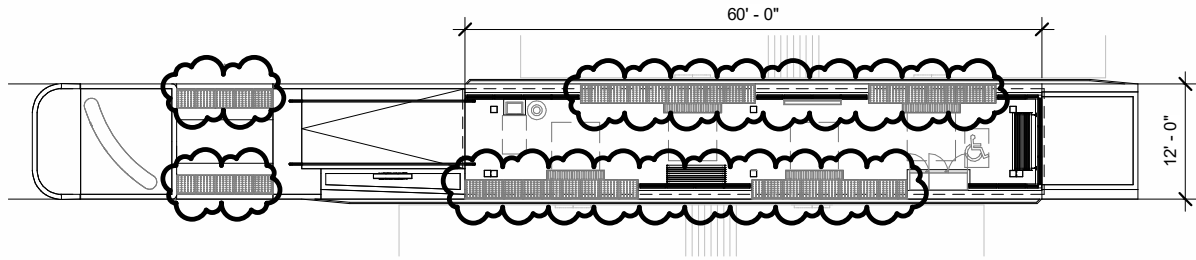
BUS RAPID TRANSIT
 CITY OF MADISON



0631225P

A101

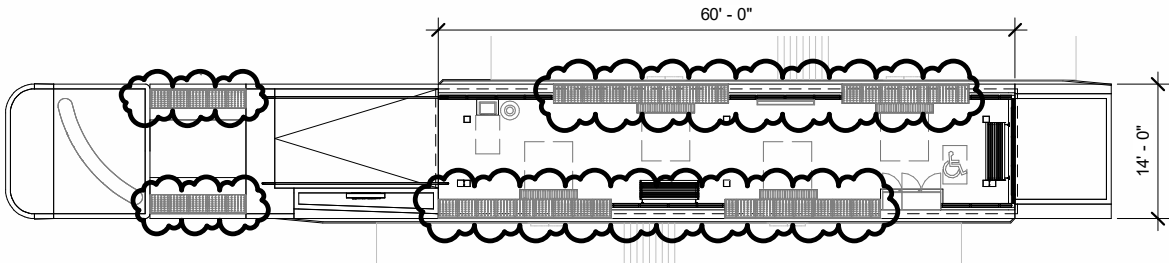
BUS SIZES SHOWN
ARE APPROXIMATE



2

TYPE B2

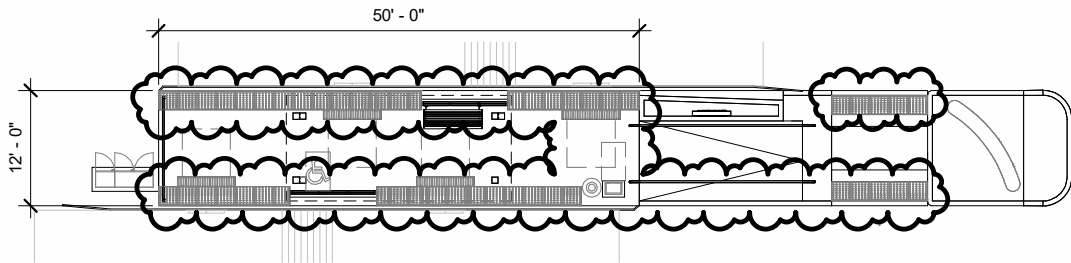
Scale: 1" = 20'-0"



4

TYPE B4

Scale: 1" = 20'-0"



5

TYPE C

Scale: 1" = 20'-0"



8

ELEVATION 01 - TYPE B2

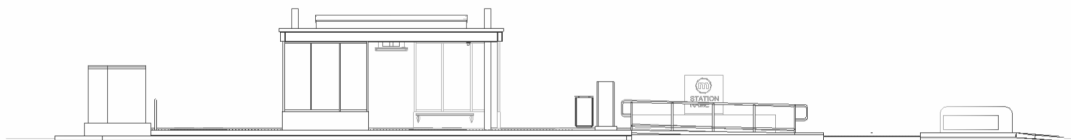
Scale: 1" = 20'-0"



10

ELEVATION 01 - TYPE B4

Scale: 1" = 20'-0"



6

ELEVATION 01 - TYPE C

Scale: 1" = 20'-0"

PLATFORM TYPE - B2
CENTER
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 12'-0"W
CANOPY SIZE: 60'-6"L x 11'-0"W

PLATFORM TYPE - B4
CENTER
ENTRY LEFT

PLATFORM SIZE: 60'-0"L x 14'-0"W
CANOPY SIZE: 60'-6"L x 13'-0"W

PLATFORM TYPE - C
CENTER REDUCED
ENTRY RIGHT

PLATFORM SIZE: 50'-0"L x 12'-0"W
CANOPY SIZE: 23'-5"L x 11'-0"W

REVISION	DATE	BY
4	06/13/2023	MARK
Designed By: DSG Date: 7/10/2023 11:24:21 AM Scale: 1" = 20'-0"		

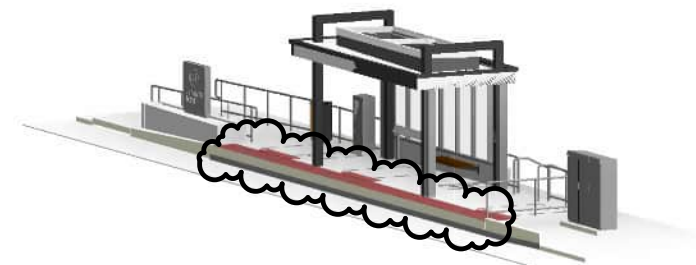
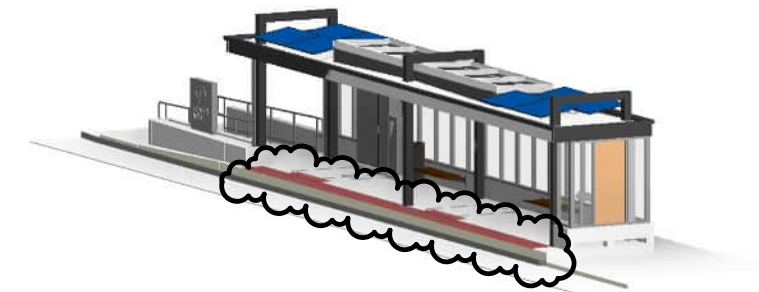
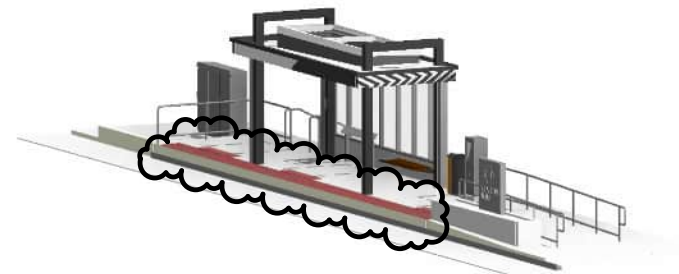
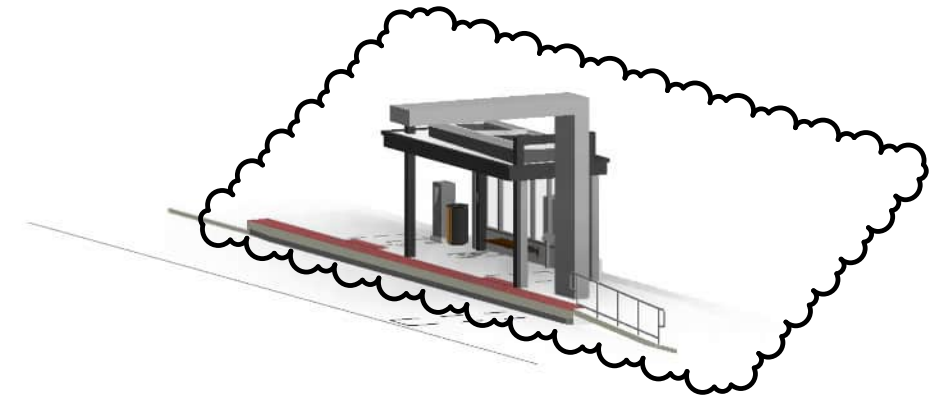
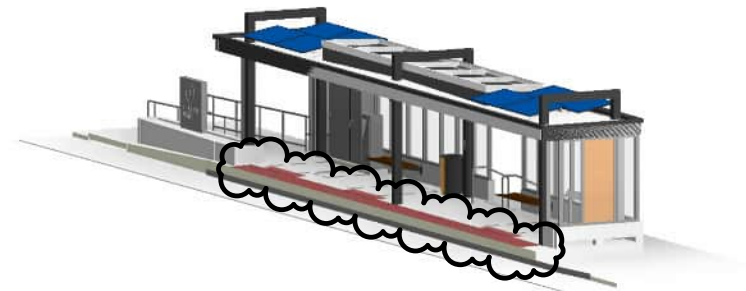
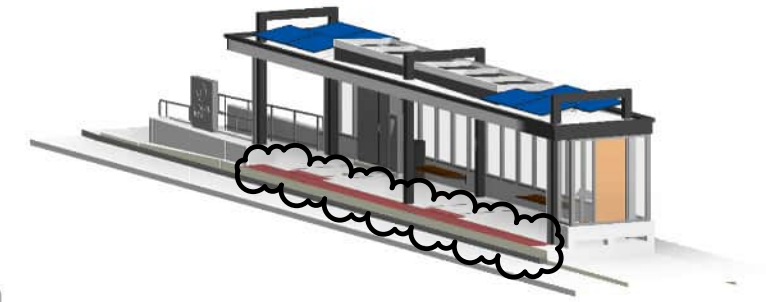
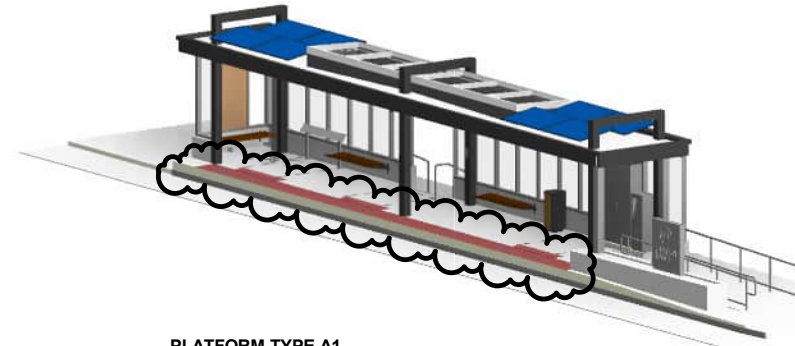
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

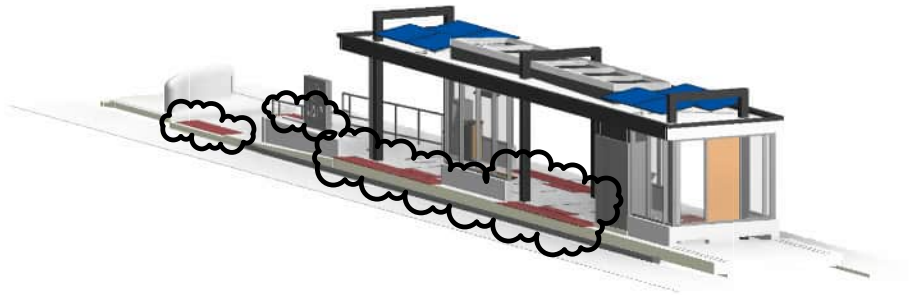
OVERALL STATION TYPE B & C
BUS RAPID TRANSIT
CITY OF MADISON



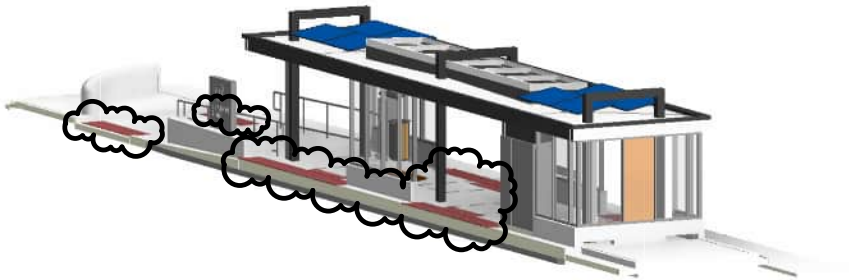
60631225P

A102

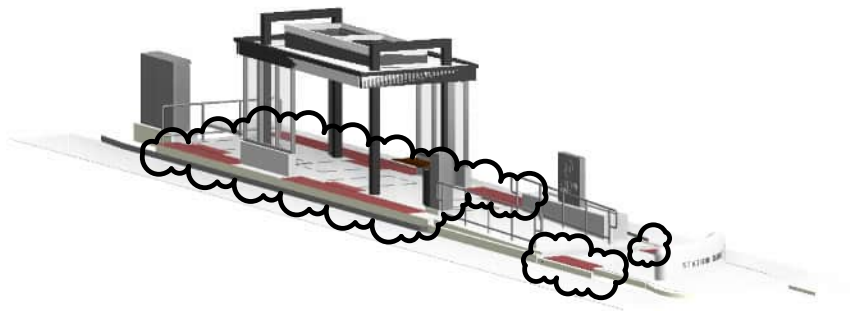




PLATFORM TYPE B1



PLATFORM TYPE B2



PLATFORM TYPE C



60631225P

A104

OVERALL PLATFORM 3D VIEWS TYPE B & C

BUS RAPID TRANSIT
CITY OF MADISON

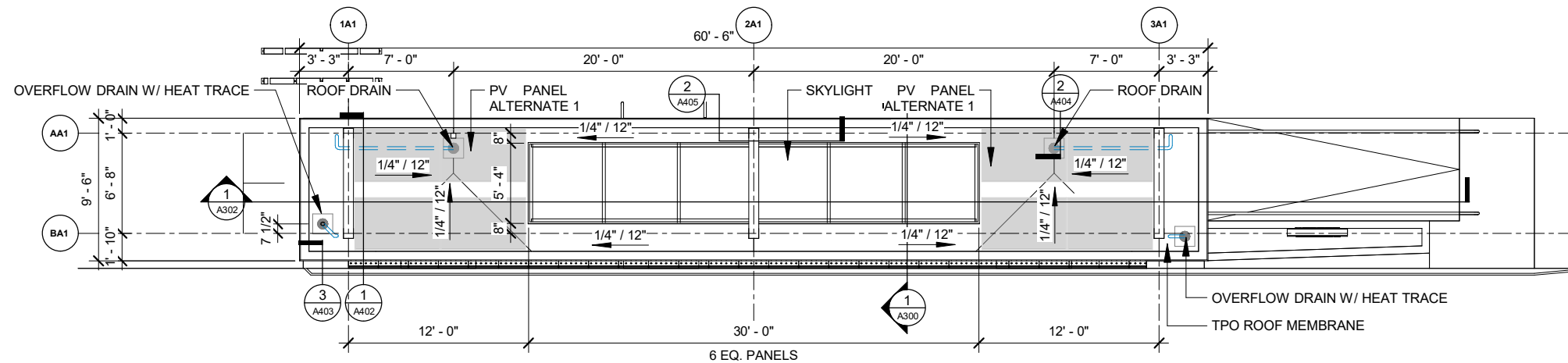
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

MARK	4	REVISION 4	REVISION	06/13/2023	BY
Designed By:	DSG	Date:	6/19/2023 11:27:49 AM	Scale:	--

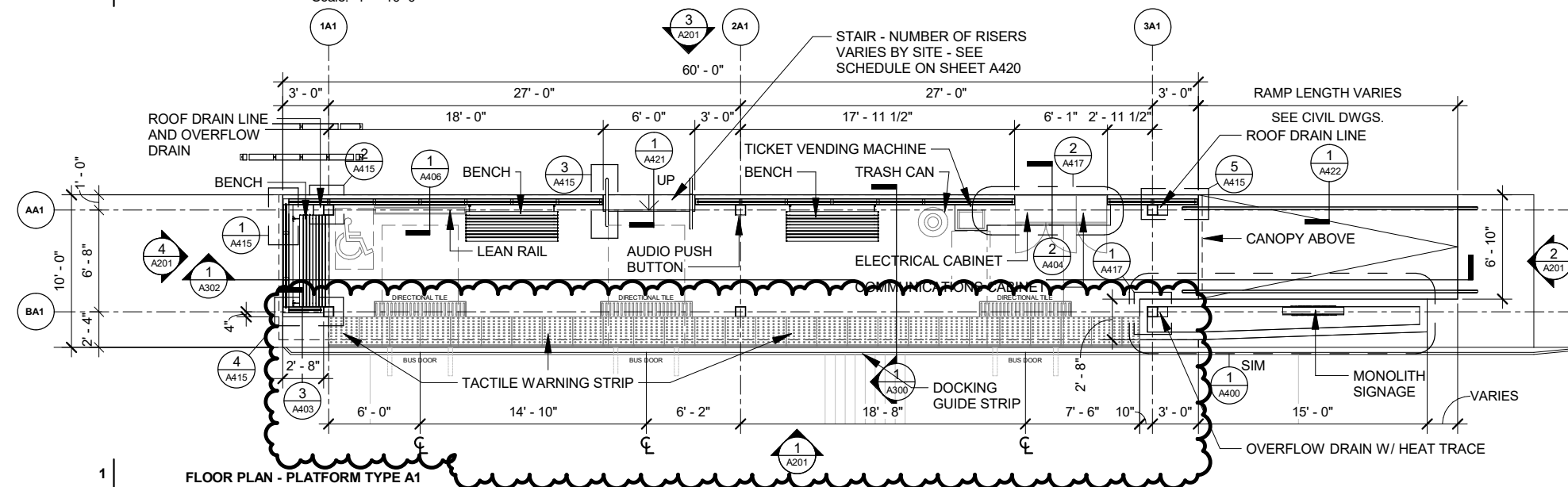
Architectural floor plan of a building interior, likely a kitchen or laboratory, showing various fixtures and dimensions. The plan includes a central island with a sink and stove, surrounded by cabinetry. Key features include:

- Central Island:** Features a sink and stove. Dimensions include 10' - 4" for the island width and 4' - 4" for the island depth.
- Room Dimensions:** Overall dimensions are 29' - 0" by 12' - 6".
- Fixtures and Equipment:**
 - Lighting:** LIGHT FIXTURE, TYP. (1A302), SKYLIGHT (1A300).
 - Heating:** HEATER (A405).
 - Security:** RTI DISPLAY SECURITY CAMERA (A402), SPEAKER SECURITY CAMERA (A403).
 - Roof Drainage:** ROOF DRAIN AND OVERFLOW DRAIN COVER (A302), OVERFLOW DRAIN COVER (A300).
 - Other:** FLUSH METAL PANEL ENCLOSURE ABOVE CABINETS, AESS.
- Grid Lines:** 1A1, 2A1, 3A1, AA1, BA1.

Scale: 1" = 10'-0"



Scale: 1" = 10'-0"



Scale: 1" = 10'-0"

PLATFORM TYPE A1

BUS RAPID TRANSIT

CITY OF MADISON



A110

CONTRACT NO: 60631225C

4	REVISION 4	MARK	REVISION	DATE	BY
Designed By: DSG			Date: 7/6/2023 3:09:21 PM	Scale: ---	

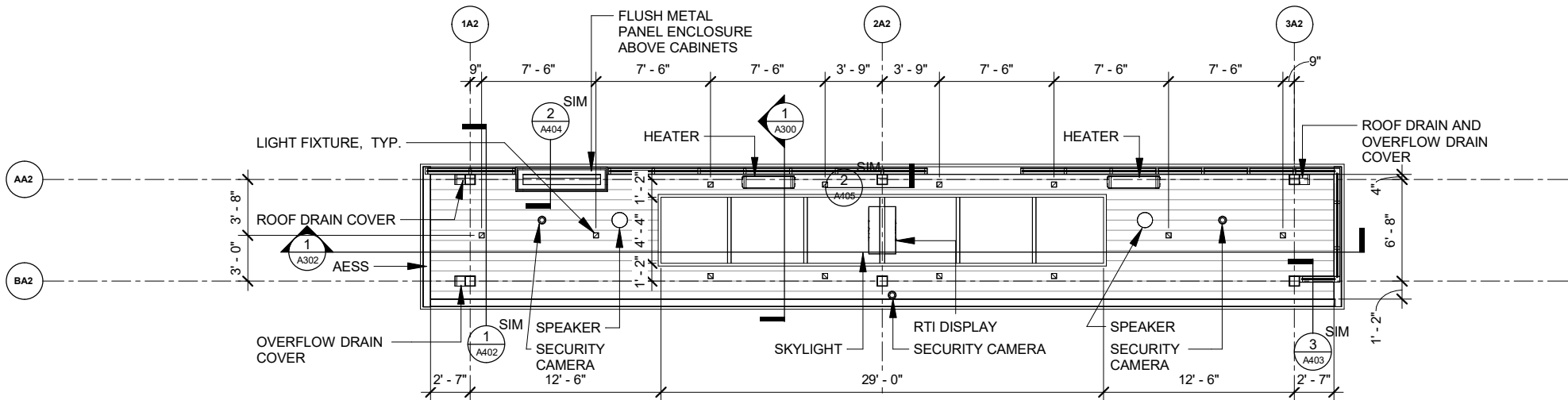
PLAN GRAPHIC SYMBOL LEGEND



ACCESSIBLE WAITING AREA -
30" X 48"

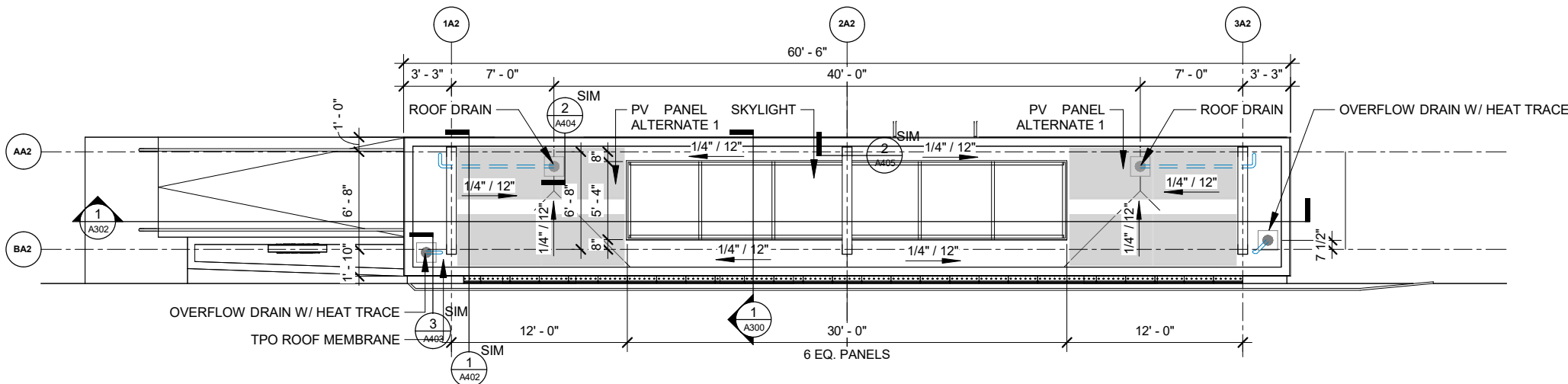


BOARDING/ALIGHTING
ZONE - 60" X 96"



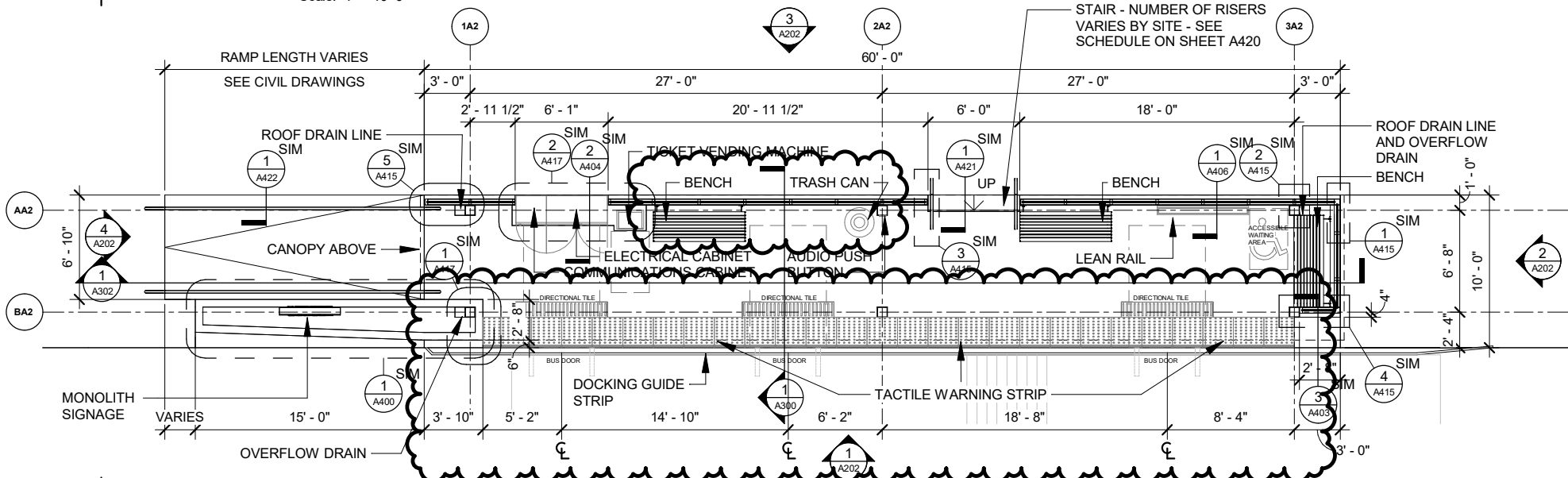
3 CEILING PLAN - PLATFORM TYPE A2

Scale: 1" = 10'-0"



2 ROOF PLAN - PLATFORM TYPE A2

Scale: 1" = 10'-0"



1 FLOOR PLAN - PLATFORM TYPE A2

Scale: 1" = 10'-0"

REVISION	DATE	BY
4	06/13/2023	MARK
Designed By: DSG Date: 6/19/2023 11:27:52 AM Scale: 1" = 10'-0"		

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

PLATFORM TYPE A2
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

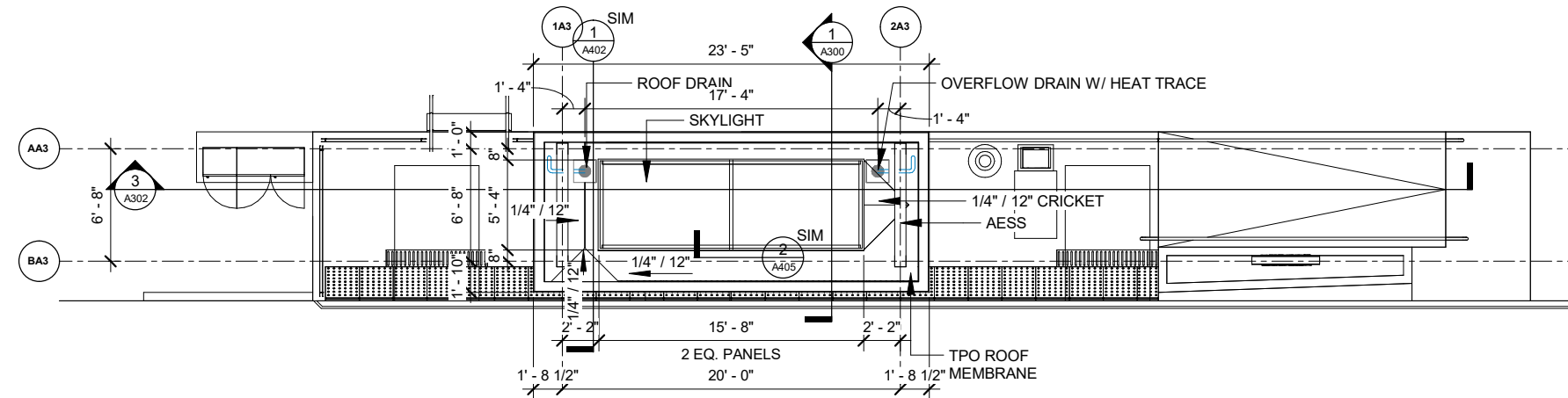
A111

1503

This detailed floor plan shows the layout of the control room. Key features include:

- Dimensions:** Overall width is 14' - 8". Overall depth is 6' - 8".
- Equipment and Callouts:**
 - 1A3:** LIGHT FIXTURE, TYP. (Top Left)
 - 2A3:** OVERFLOW DRAIN COVER (Top Right)
 - 3:** ROOF DRAIN AND CONDUIT COVER (Left Side)
 - 1:** SPEAKER (Bottom Center)
 - 2:** SIM (Center)
 - 1:** SIM (Bottom Left)
 - CONDUIT COVER:** (Bottom Left)
 - SECURITY CAMERA:** (Bottom Left)
 - SECURITY CAMERA:** (Right Side)
- Other Labels:** HEATER, RTI DISPLAY, 10' - 4", 4' - 10", 1' - 0", 5' - 3", 7' - 6", 1' - 0", 1' - 2", 1' - 2", 1' - 2", 4' - 4", 3' - 8", 3' - 0", 2' - 8", 1' - 0 1/2", 14' - 8", 2' - 8", 1' - 0 1/2", 1' - 0", 5' - 3", 7' - 6", 5' - 3", 1' - 0".

Scale: 1" = 10'-0"



Scale: 1" = 10'-0"

[illegible]

Scale: 1" = 10'-0"

1A4

2A4

AA4

BA4

1'-0"

5'-3"

7'-6"

5'-3"

1'-0"

OVERFLOW DRAIN COVER

RTI DISPLAY

HEATER

ROOF DRAIN AND CONDUIT COVER

SECURITY CAMERA

SECURITY CAMERA

10"

4'-4"

10"

3'-8"

3'-0"

3'-8"

2'-8"

14'-8"

1'-0 1/2"

1'-0 1/2"

2'-8"

1'-2"

1'-2"

4'-4"

6'-8"

1

A300

2

A405

1

A402

3

A302

SIM

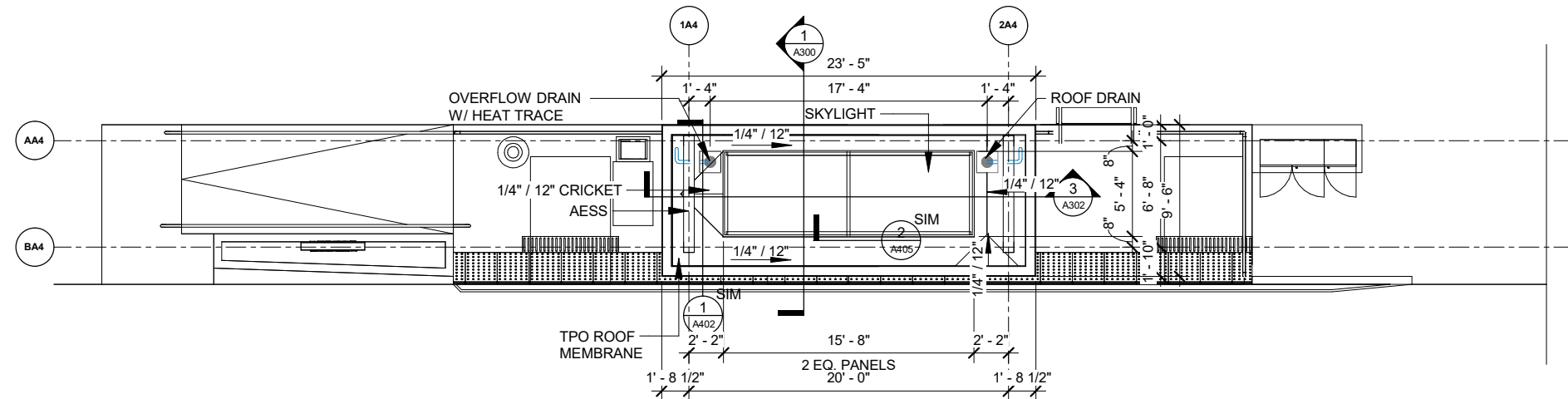
SIM

SPEAKER

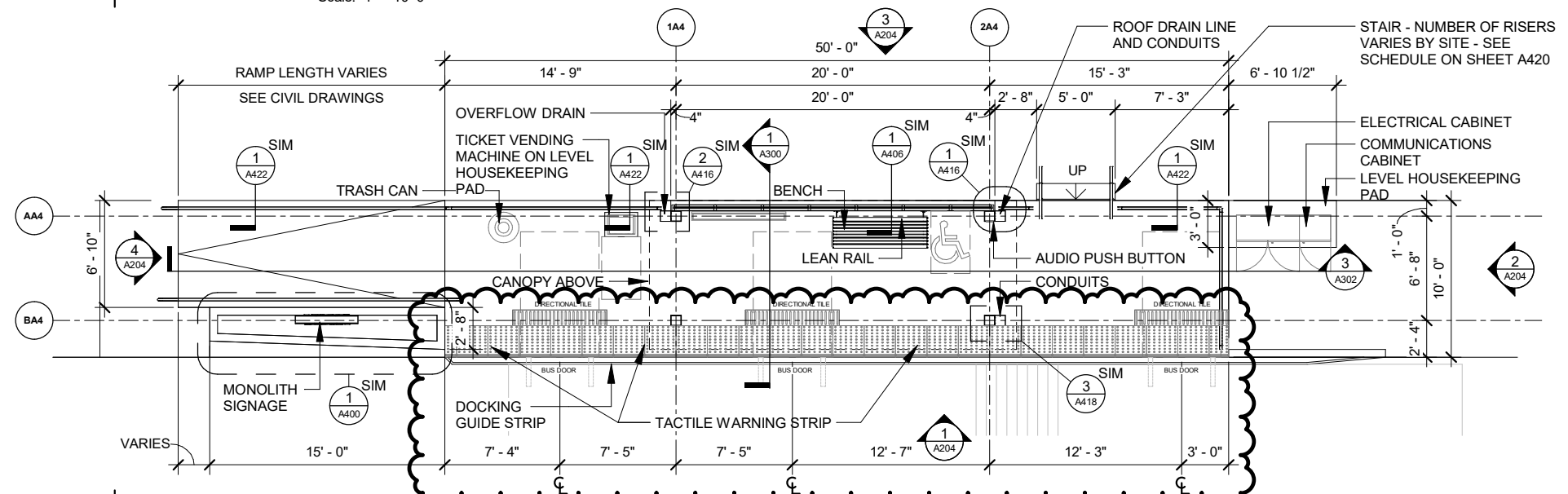
CONDUIT COVER

LIGHT FIXTURE, TYP.

Scale: 1" = 10'-0"



Scale: 1" = 10'-0"



Scale: 1" = 10'-0"

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON



A113

4	REVISION 4	REVISION	DATE	BY
MARK			06/13/2023	
Designed By DSG Date: 6/19/2023 11:27:55 AM Scale: ---				

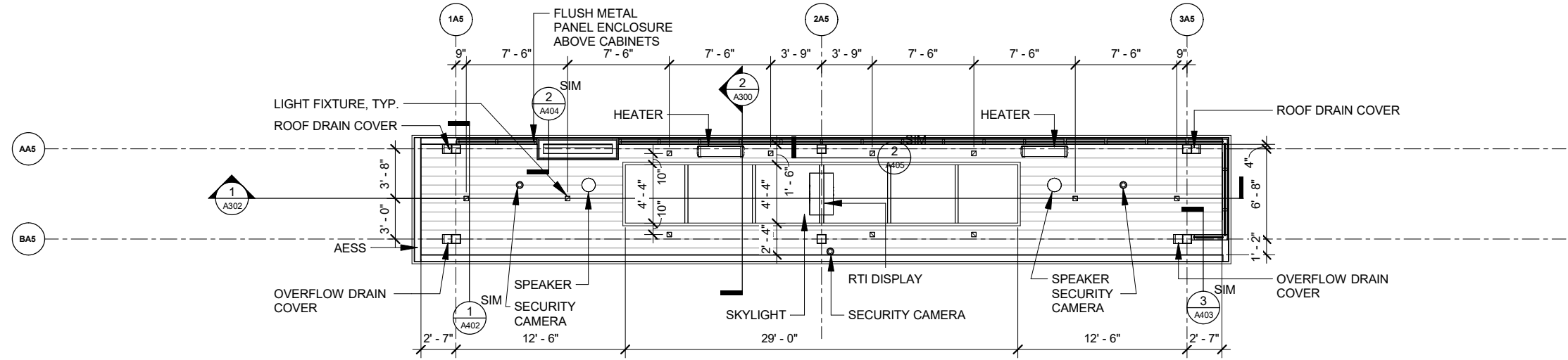
PLAN GRAPHIC SYMBOL LEGEND



ACCESSIBLE WAITING AREA -
30" X 48"

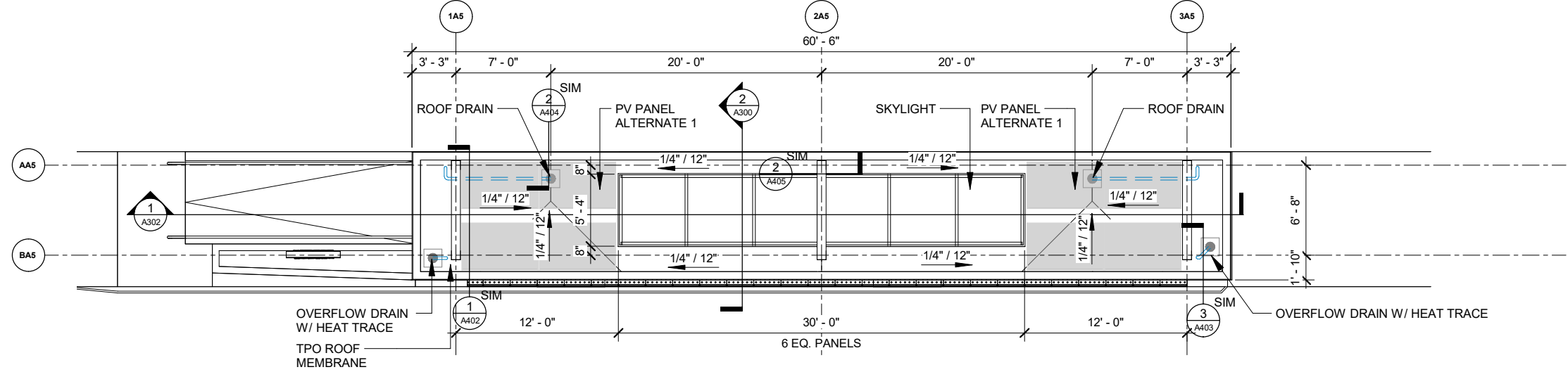


BOARDING/ALIGHTING
ZONE - 60" X 96"



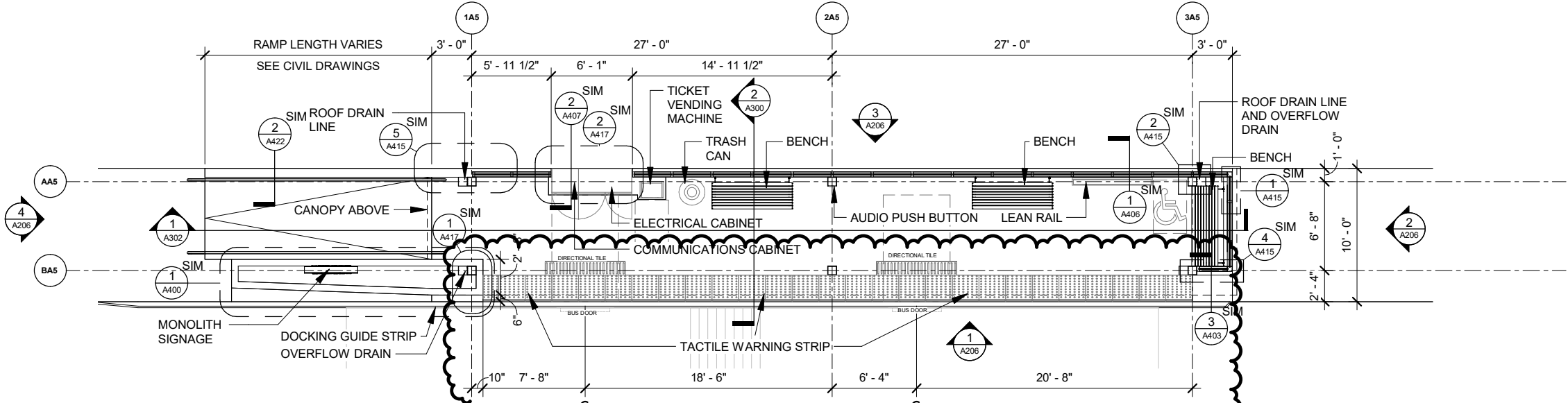
3 CEILING PLAN - PLATFORM TYPE A5

Scale: 1" = 10'-0"



2 ROOF PLAN - PLATFORM TYPE A5

Scale: 1" = 10'-0"



1 FLOOR PLAN - PLATFORM TYPE A5

Scale: 1" = 10'-0"

REVISION	DATE	BY
4	06/13/2023	MARK
Designed By: DSG Date: 6/19/2023 11:27:56 AM Scale: 1" = 10'-0"		

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

PLATFORM TYPE A5
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

A115

[illegible]

PLATFORM TYPE A6
BUS RAPID TRANSIT
CITY OF MADISON



A116

CITY OF MADISON, DANE COUNTY, WI

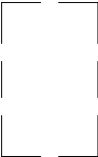
CONTRACT NO: 60631225C

4	REVISION 4	REVISION	Date: 7/6/2023 3:07:52 PM	Scale: ---	BY
MARK					09/13/2023

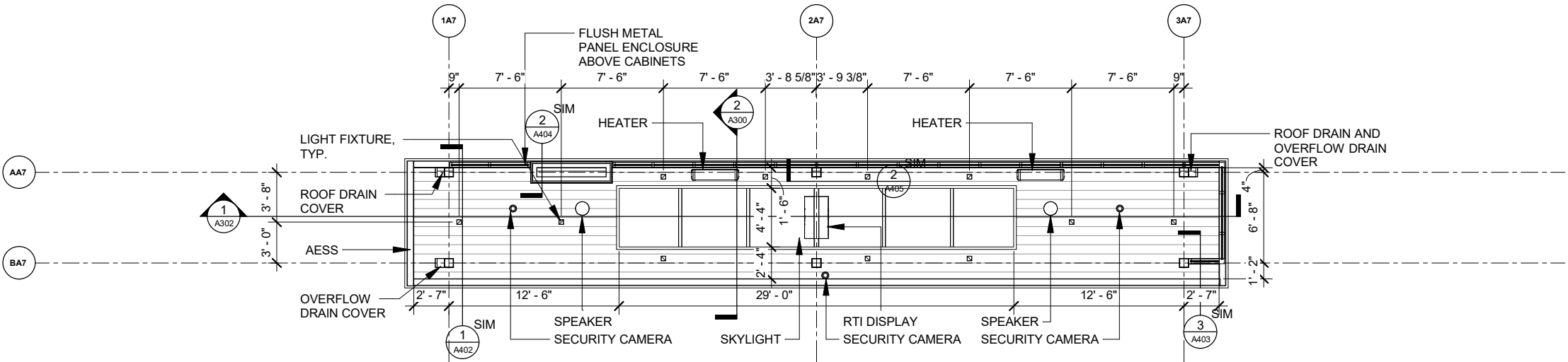
PLAN GRAPHIC SYMBOL LEGEND



ACCESSIBLE WAITING AREA -
30" X 48"

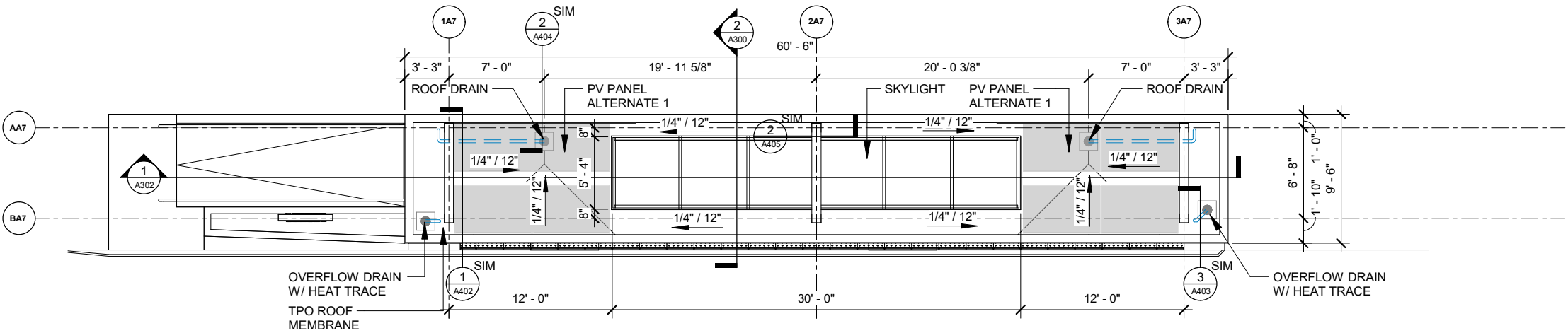


BOARDING/ALIGHTING
ZONE - 60" X 96"



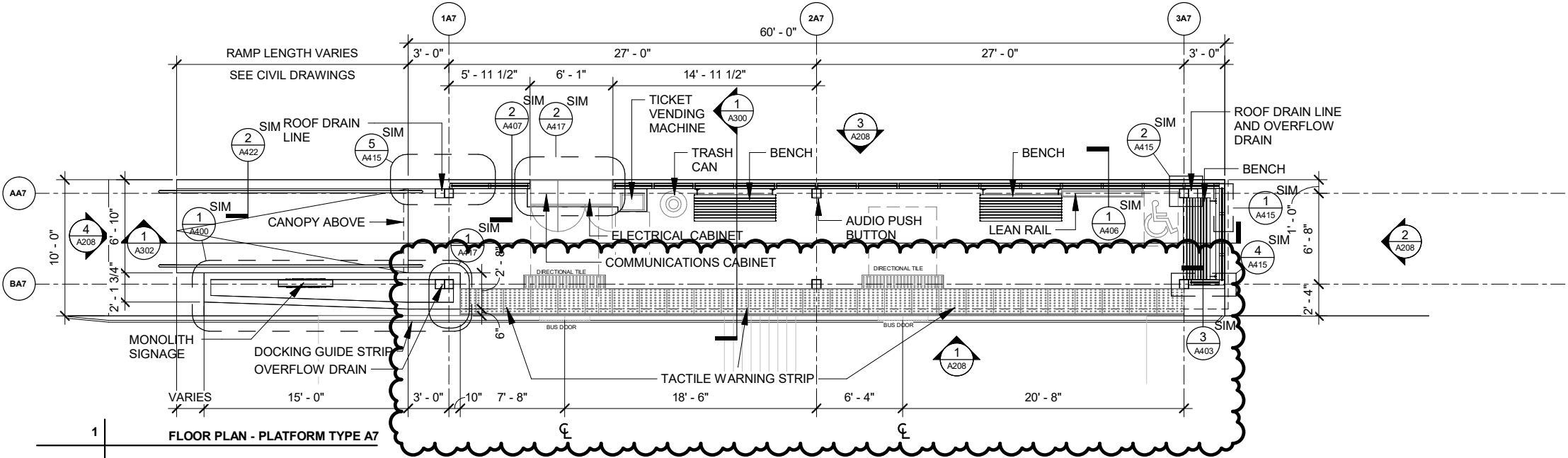
3 CEILING PLAN - PLATFORM TYPE A7

Scale: 1" = 10'-0"



2 ROOF PLAN - PLATFORM TYPE A7

Scale: 1" = 10'-0"



1 FLOOR PLAN - PLATFORM TYPE A7

Scale: 1" = 10'-0"

REVISION	DATE	BY
4	06/13/2023	MARK
Designed By: DSG Date: 7/10/2023 11:20:12 AM Scale: 1" = 10'-0"		

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

PLATFORM TYPE A7
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

A117

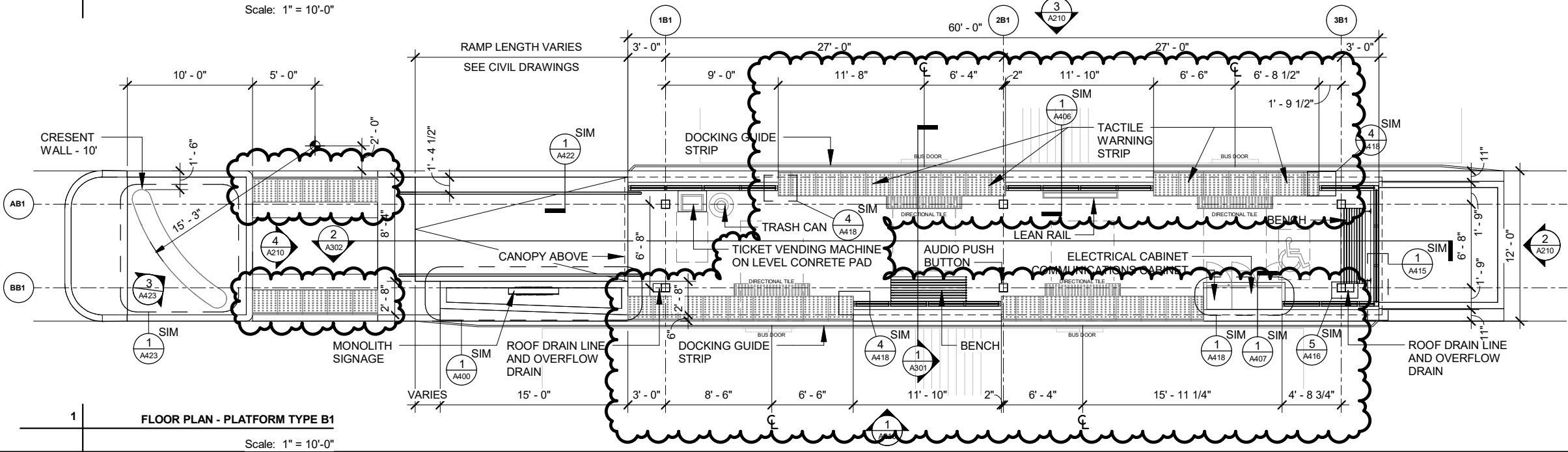
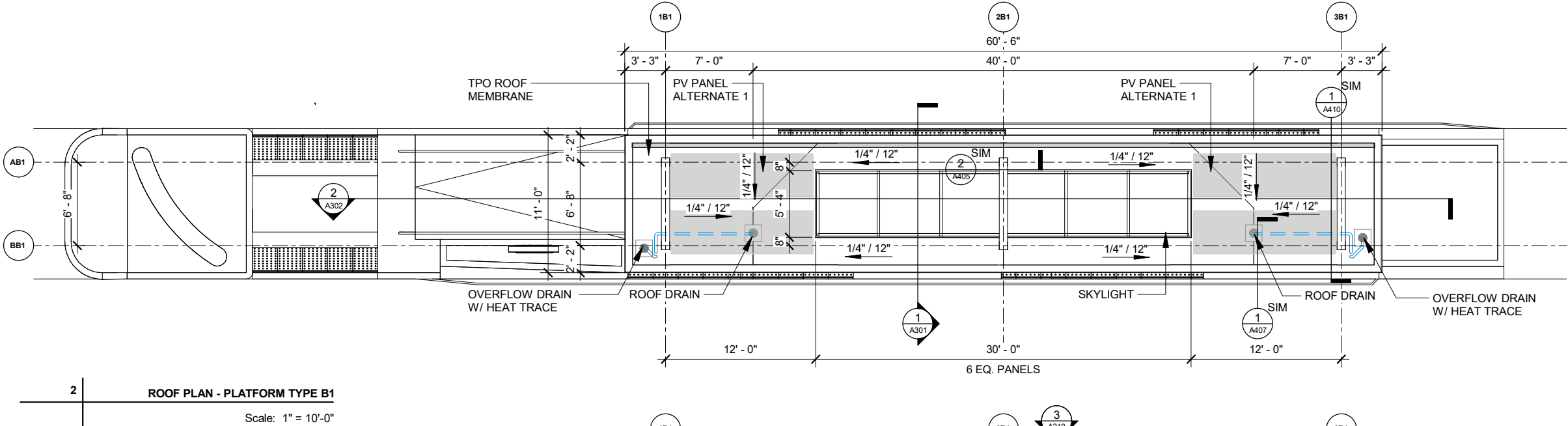
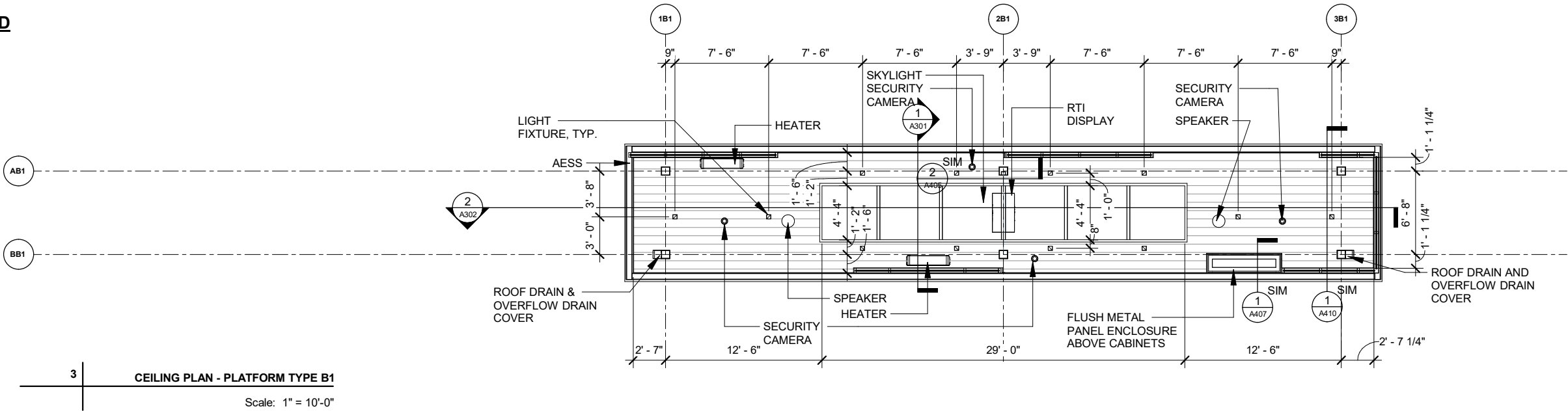
PLAN GRAPHIC SYMBOL LEGEND



ACCESSIBLE WAITING AREA -
30" X 48"



BOARDING/ALIGHTING
ZONE - 60" X 96"



REVISION	DATE	BY
4	06/13/2023	MARK
DESIGNED BY	DSG	DATE: 6/19/2023 11:28:01 AM
Scale:	1" = 10'-0"	

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

PLATFORM TYPE B1
BUS RAPID TRANSIT
CITY OF MADISON

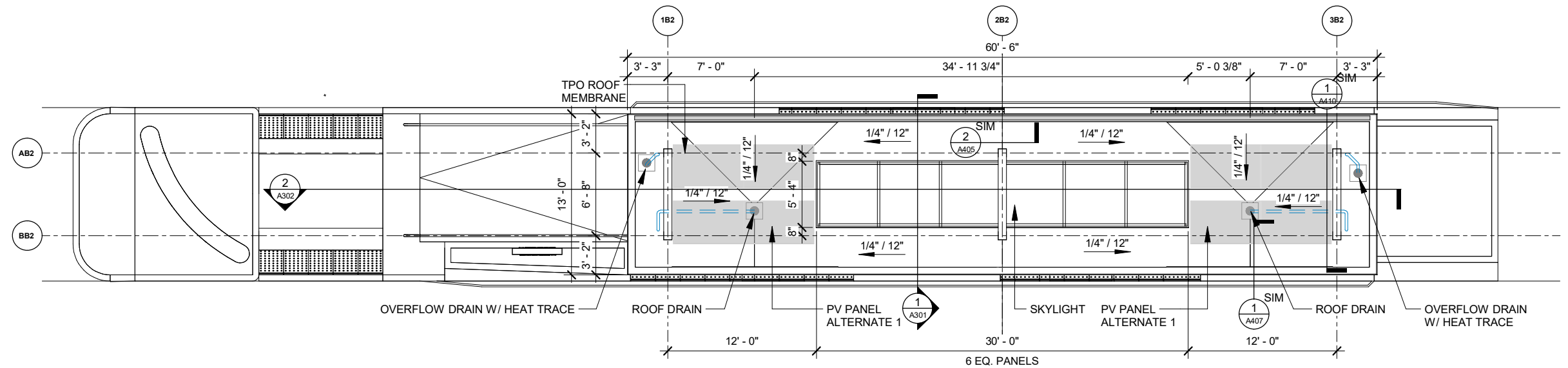


60631225P

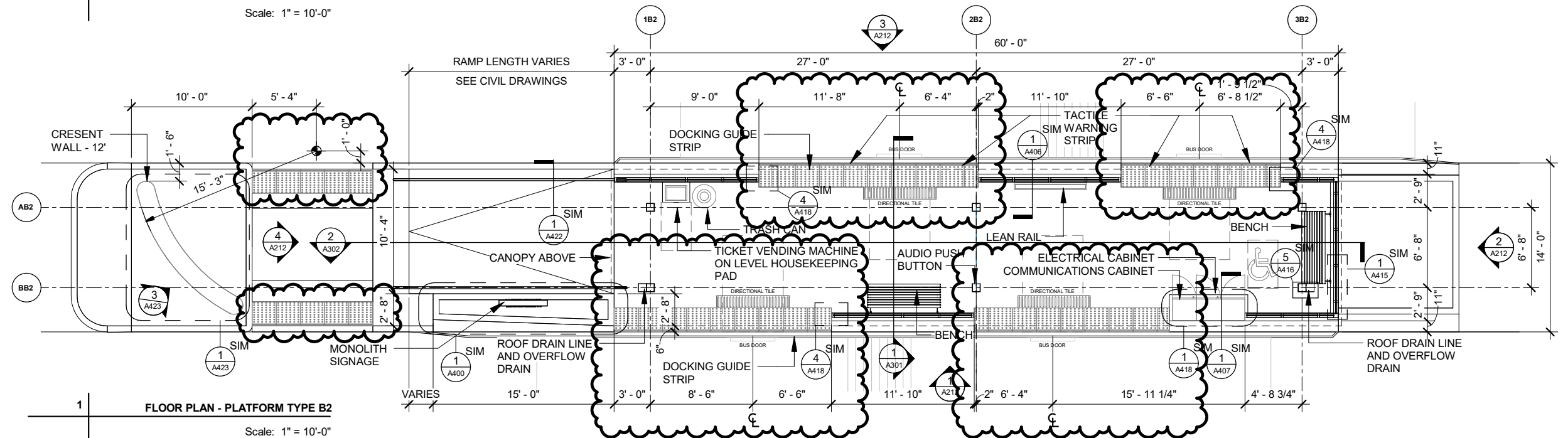
A119

[illegible]

3	CEILING PLAN - PLATFORM TYPE B2
	Scale: 1" = 10'-0"



2	ROOF PLAN - PLATFORM TYPE B2
	Scale: 1" = 10'-0"



1	FLOOR PLAN - PLATFORM TYPE B2
	Scale: 1" = 10'-0"

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLATIFORM I TYPE DZ

BUS RAPID TRANSIT

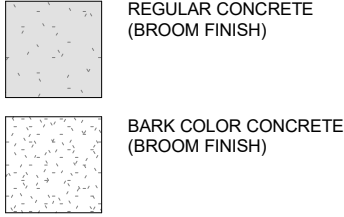
CITY OF MADISON



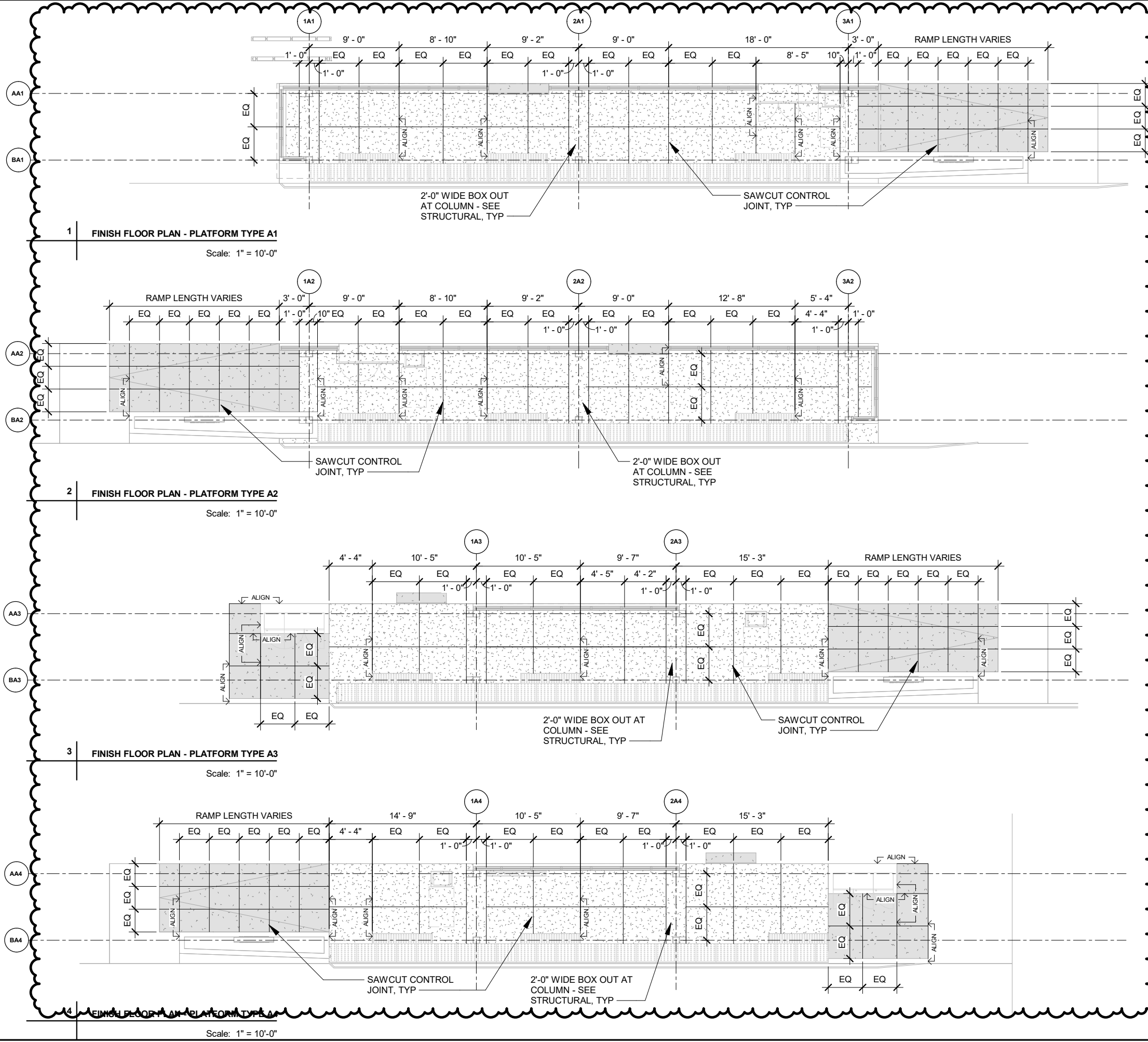
60631225P

A121

PLAN GRAPHIC FINISH SYMBOL LEGEND



NOTE: SOME OBJECTS IN PLANS MAY
NOT BE SHOWN FOR GRAPHIC CLARITY



09/30/23	11/09/22	RWC	BY
4	REVISION 4	1	ADDendum 1
MARK	REVISION	DATE	6/19/2023 11:28:11 AM
DESIGNED BY	DSG	DATE	6/19/2023 11:28:11 AM

60631225P

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON

PLATFORM FINISH FLOOR PLANS TYPE A

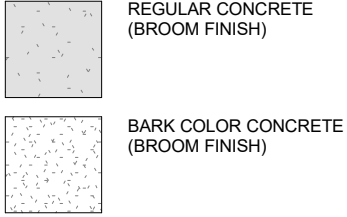
CONTRACT NO: 60631225C



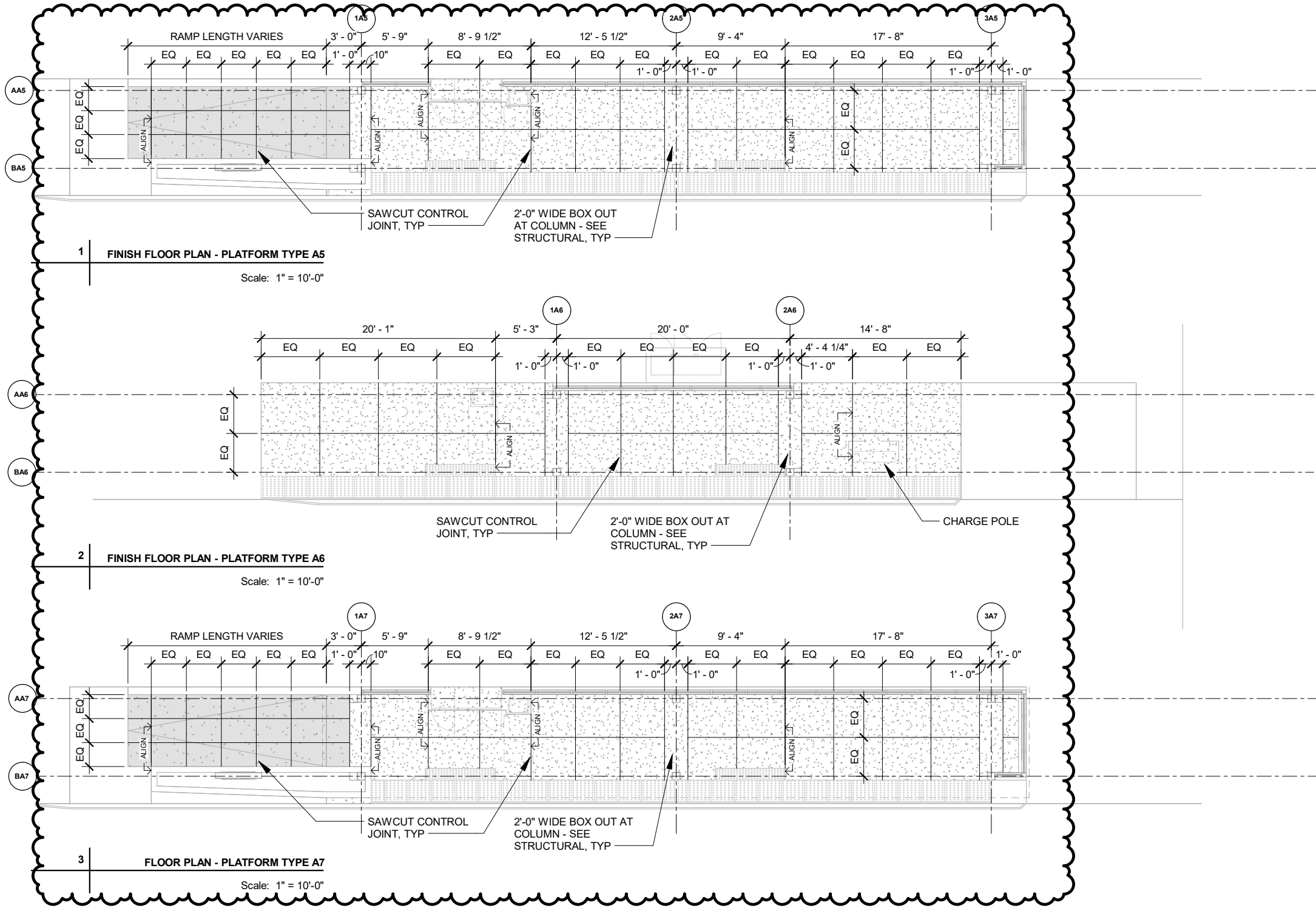
60631225P

A130

PLAN GRAPHIC FINISH SYMBOL LEGEND



NOTE: SOME OBJECTS IN PLANS MAY
NOT BE SHOWN FOR GRAPHIC CLARITY



09/13/2023	09/13/2023	11/09/2022	RWC	BY
4	REVISION 4	1	ADDendum 1	MARK
Designed By: DSG Date: 6/19/2023 11:28:16 AM Scale: --				

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLATFORM FINISH FLOOR PLANS TYPE A

BUS RAPID TRANSIT

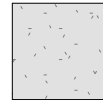
CITY OF MADISON



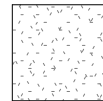
60631225P

A131

PLAN GRAPHIC FINISH SYMBOL LEGEND

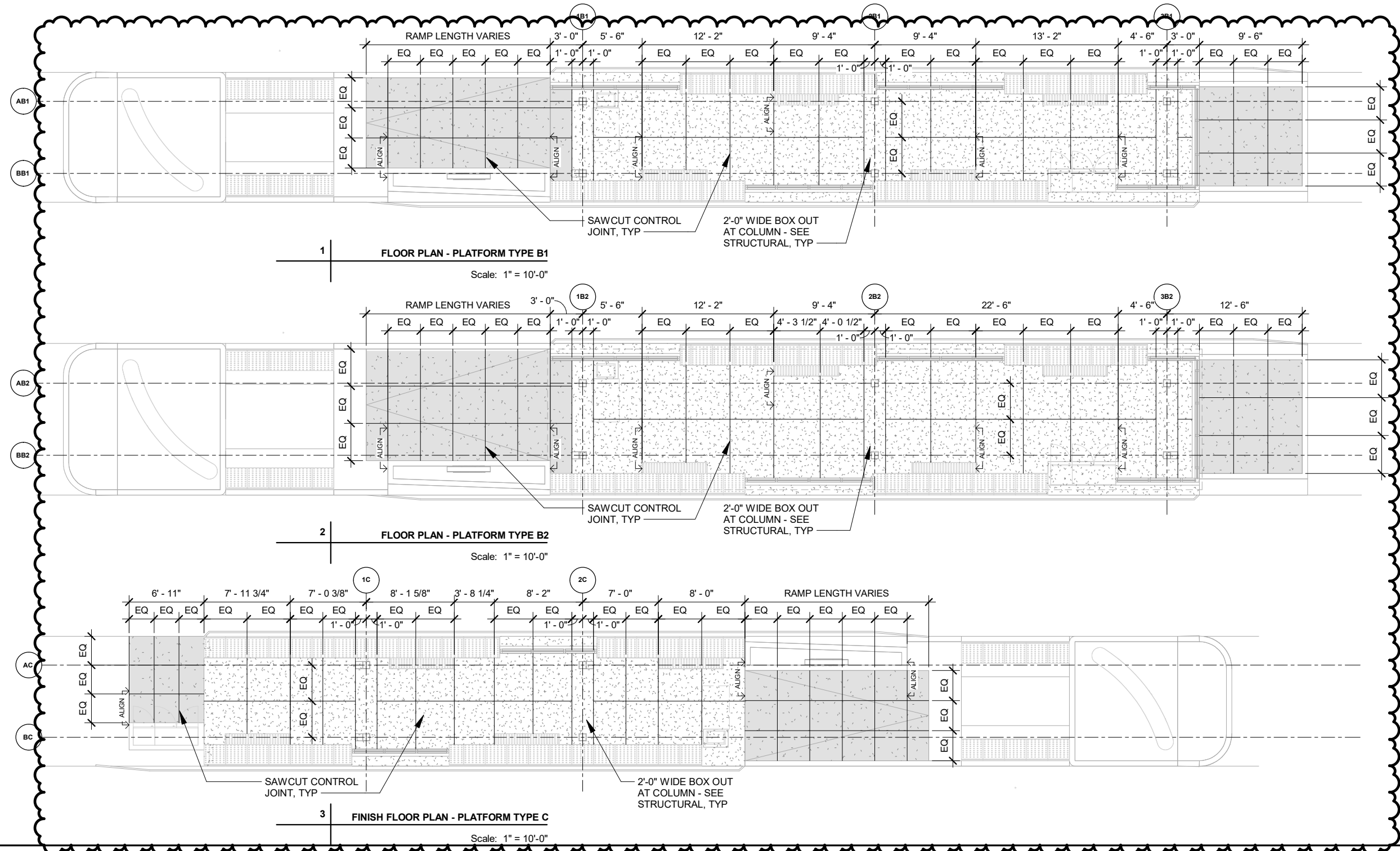


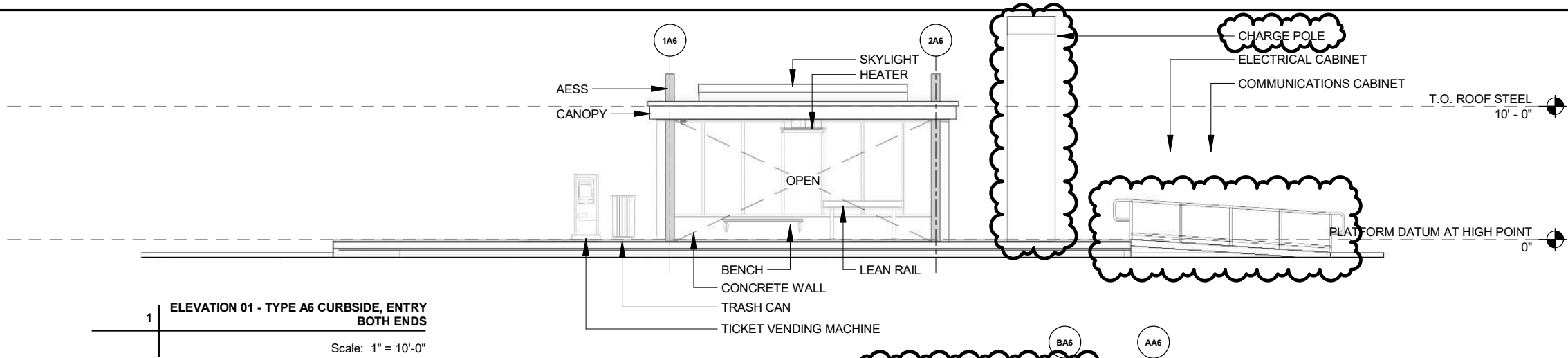
REGULAR CONCRETE
(BROOM FINISH)



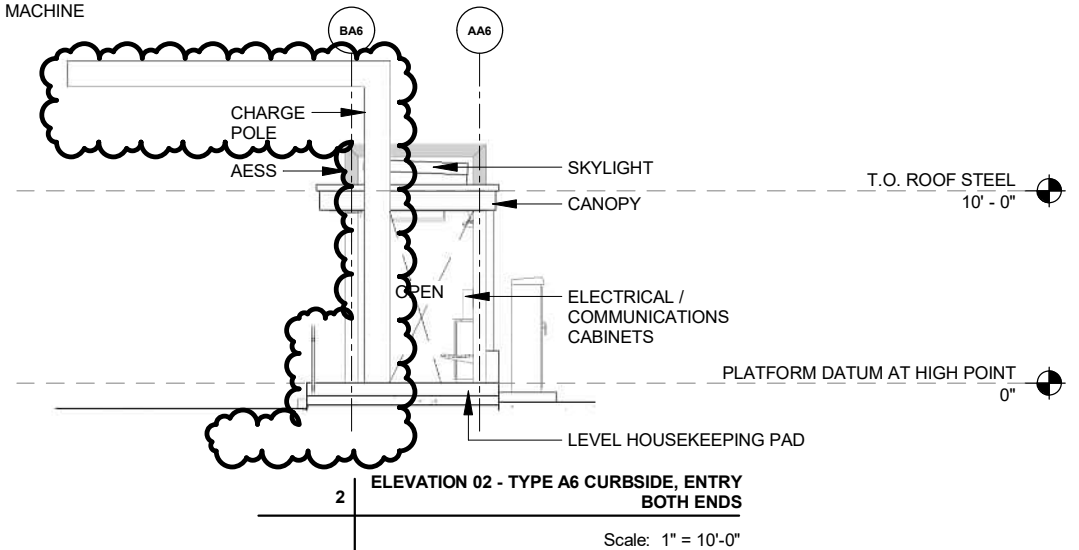
BARK COLOR CONCRETE
(BROOM FINISH)

NOTE: SOME OBJECTS IN PLANS MAY
NOT BE SHOWN FOR GRAPHIC CLARITY

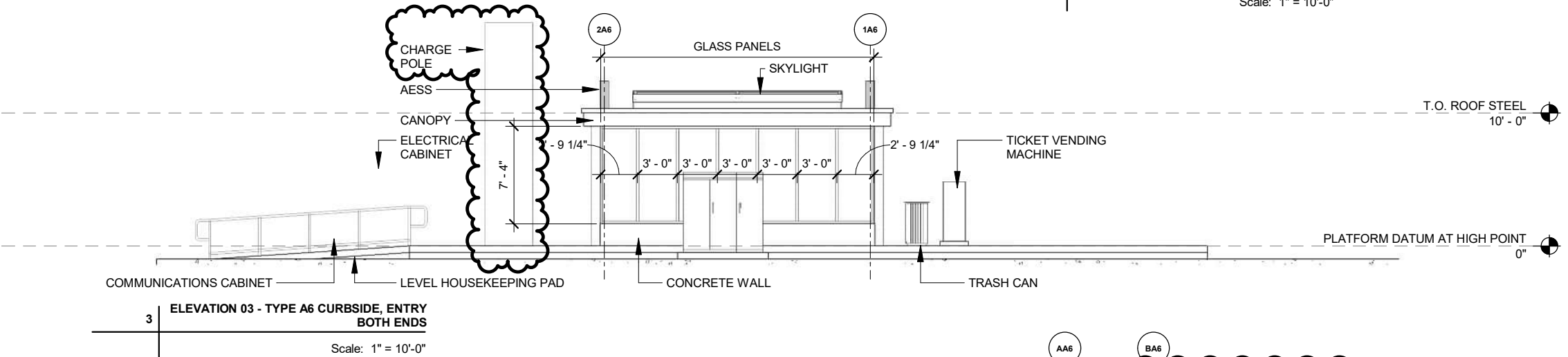




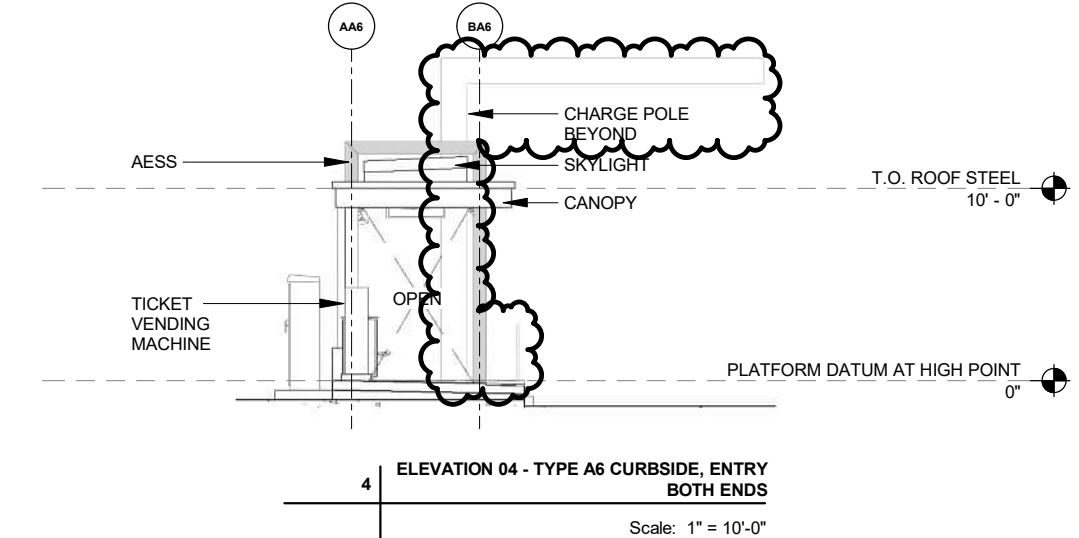
1 | **ELEVATION 01 - TYPE A6 CURBSIDE, ENTRY BOTH ENDS**
Scale: 1" = 10'-0"



2 | **ELEVATION 02 - TYPE A6 CURBSIDE, ENTRY BOTH ENDS**
Scale: 1" = 10'-0"



3 | **ELEVATION 03 - TYPE A6 CURBSIDE, ENTRY BOTH ENDS**
Scale: 1" = 10'-0"



4 | **ELEVATION 04 - TYPE A6 CURBSIDE, ENTRY BOTH ENDS**
Scale: 1" = 10'-0"

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4	REVISION 4	06/13/2023	DSG

Designed By: DSG | Date: 6/19/2023 11:28:33 AM | Scale: 1" = 10'-0"

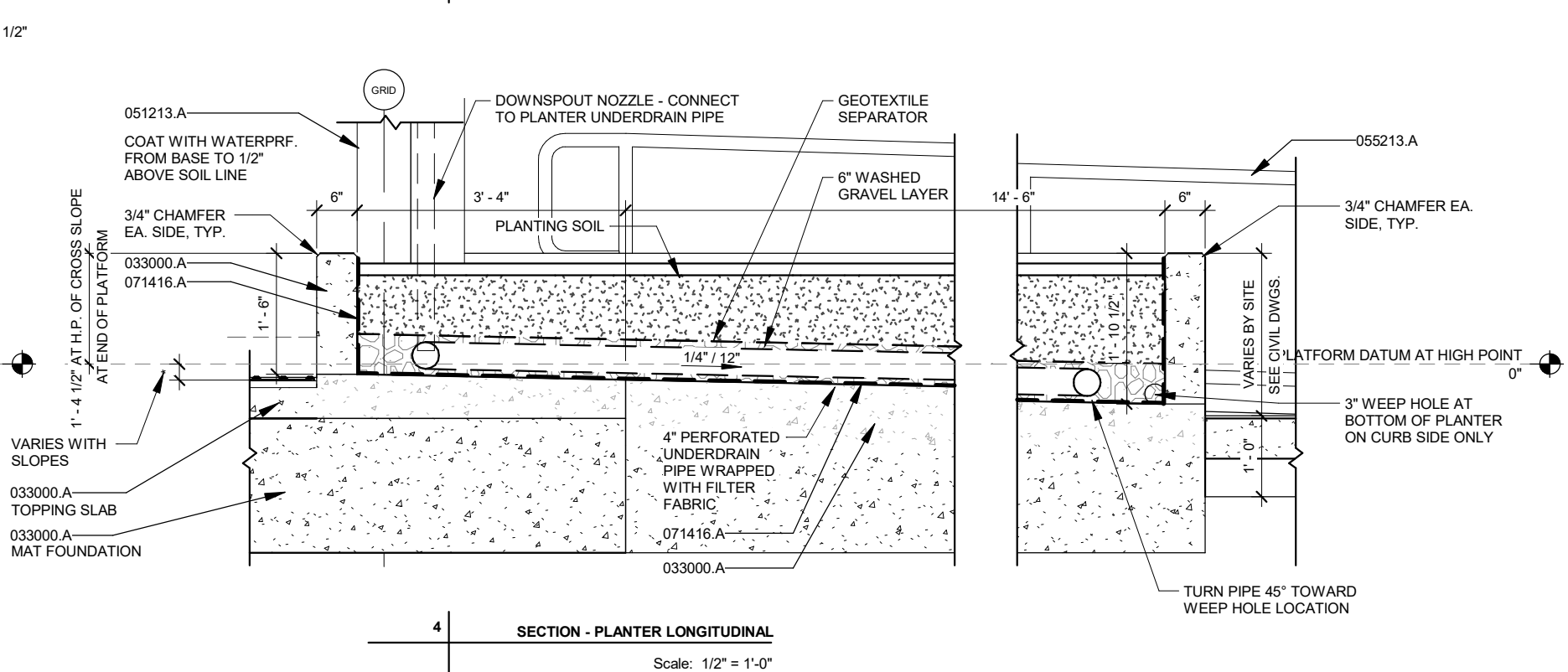
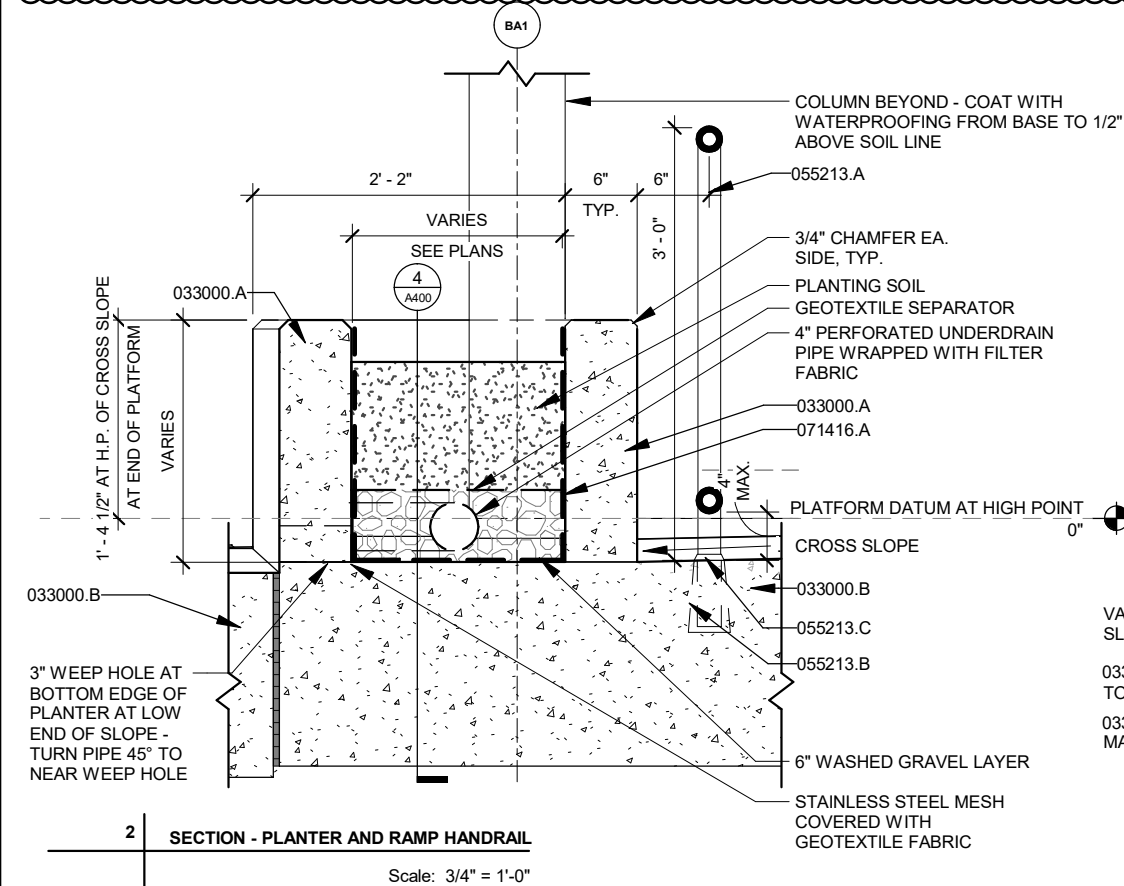
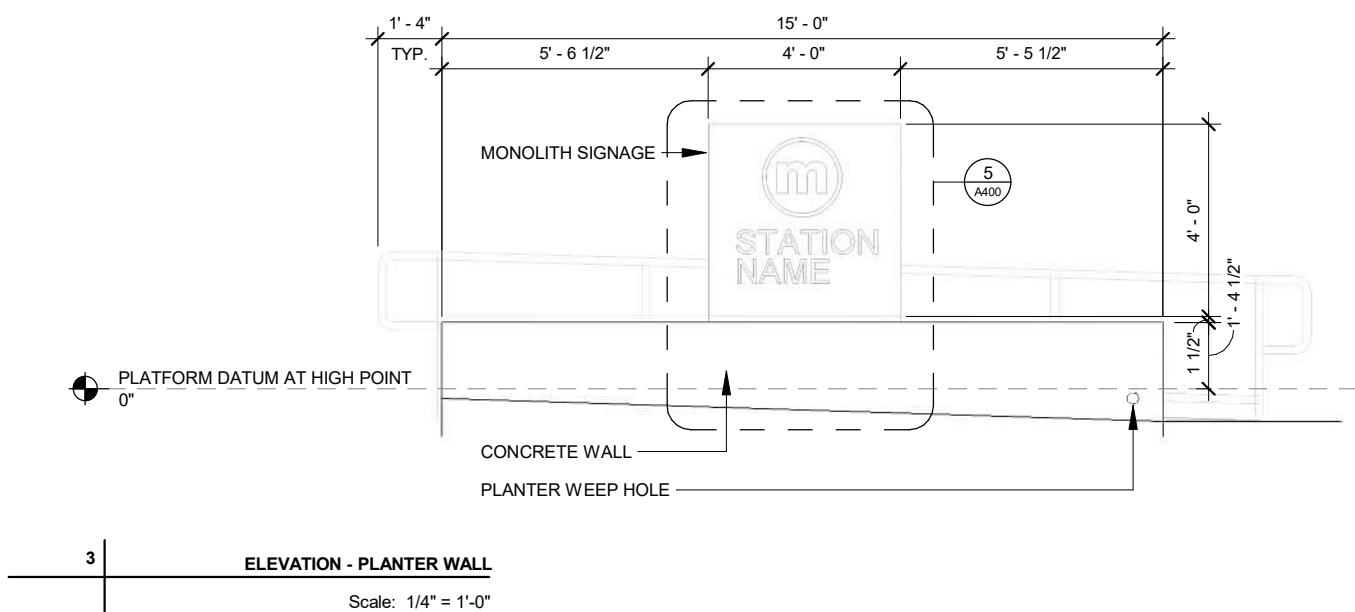
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

ELEVATION PLATFORM TYPE A6
BUS RAPID TRANSIT
CITY OF MADISON

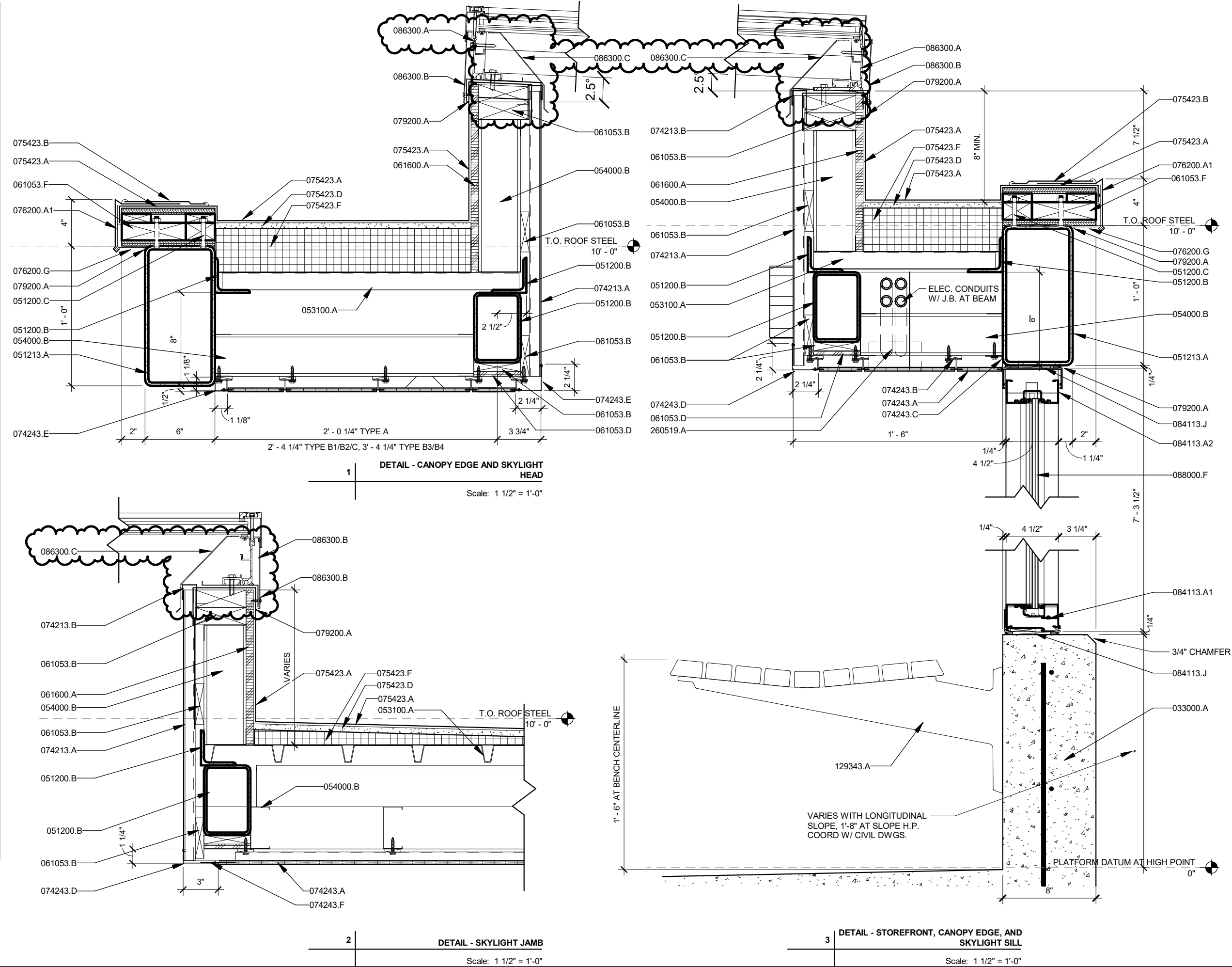


60631225P
A207

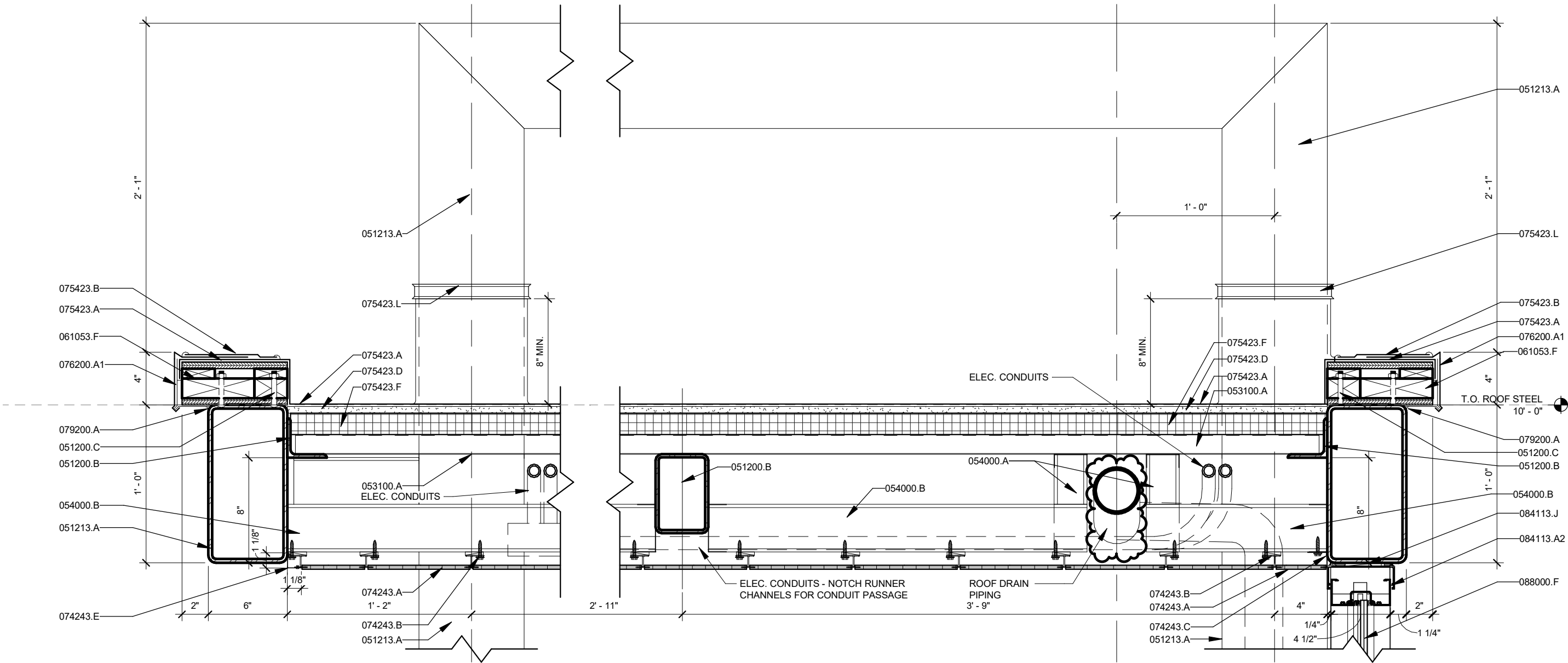
CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
055213.B	REMOVABLE PLASTIC SLEEVE W/ END CAP - DO NOT CORE HOLES FOR POSTS
055213.C	NON-SHRINK GROUT - SLOPE GROUT TO PROMOTE DRAINAGE AWAY FROM POST, FILL BASE OF PIPR WITH GROUT
071416.A	COLD FLUID-APPLIED WATERPROOFING



CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C., STAGGERED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
061053.D	PLYWOOD - PRESERVATIVE TREATED
061053.F	(2) LAYER 1/2" PRES. TRTD. PWD. SANDWICHING (2) PRES. TRTD. 2xs & 1xs - SCREW ENTIRE ASSEMBLY TOGETHER
061600.A	PLYWOOD OR OSB WALL SHEATHING
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.B	METAL WALL PANEL SHEET METAL J TRIM
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.D	CUSTOM PREFINISHED METAL TOP/END CLOSURE BY PHENOLIC PANEL INSTALLER. RIVET TO FLUSH METAL WALL PANELS
074243.E	CUSTOM PREFINISHED METAL END CLOSURE BY PHENOLIC PANEL INSTALLER.
074243.F	3"x1" FLAT PREFINISHED METAL CLOSURE AT PANEL JOINTS BY PHENOLIC PANEL INSTALLER
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
076200.G	PREFINISHED BRAKE METAL TRIM - PROVIDE BARRIER BTWN DISSIMILAR METALS
079200.A	JOINT SEALANT
084113.A1	ALUMINUM STOREFRONT SILL FRAME & RECEIVER
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
086300.A	METAL FRAMED SKYLIGHT
086300.B	SKYLIGHT FLASHING & CLOSURES
086300.C	SKYLIGHT PREFINISHED METAL TRIM WITH SNAP CLEAT CONNECTION. MITER CORNERS.
088000.F	LAMINATED GLAZING
129343.A	WALL MOUNTED BENCH - SECURE TO CONCRETE WALL W/ (3) EPOXY ANCHORS PER BRACKET
260519.A	LOW VOLTAGE ELECTRICAL CONDUIT(S) AND JUNCTION BOX(ES) - SEE ELEC.



CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
051200.B	STRUCTURAL STEEL - HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C., STAGGERED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.A	COLD FORMED METAL FRAMING - 2 1/2" @ 16" O.C. - PROVIDE BITUMINOUS COATING AT ALUM. RAIL ATTACHMENTS
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061053.F	(2) LAYER 1/2" PRES. TRTD. PWD. SANDWICHING (2) PRES. TRTD. 2xs & 1xs - SCREW ENTIRE ASSEMBLY TOGETHER
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.E	CUSTOM PREFINISHED METAL END CLOSURE BY PHENOLIC PANEL INSTALLER.
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
075423.L	TPO ROOF FLASHING BOOT AROUND STRUCTURE WITH TERMINATION BAR, SEAL TOP OF BAR WITH MASTIC.
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
088000.F	LAMINATED GLAZING



1
DETAIL - CANOPY EDGES, BEAM, AND COLUMNS THROUGH ROOF
Scale: 1 1/2" = 1'-0"

06/13/2023	DATE
REVISION	REVISION
4	REVISION 4
MARK	MARK
Designed By: DSG	Date: 6/19/2023 11:28:49 AM Scale: --

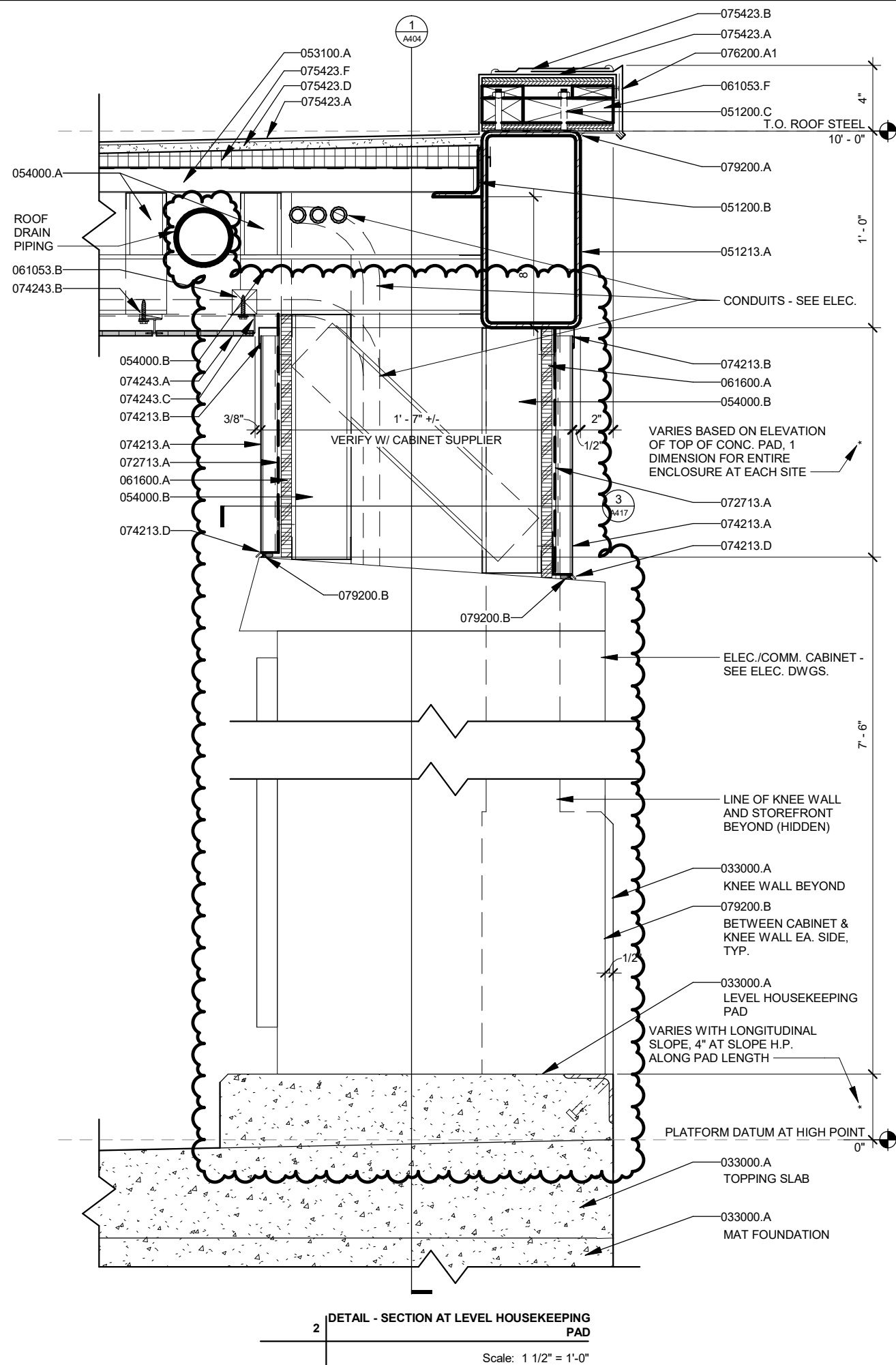
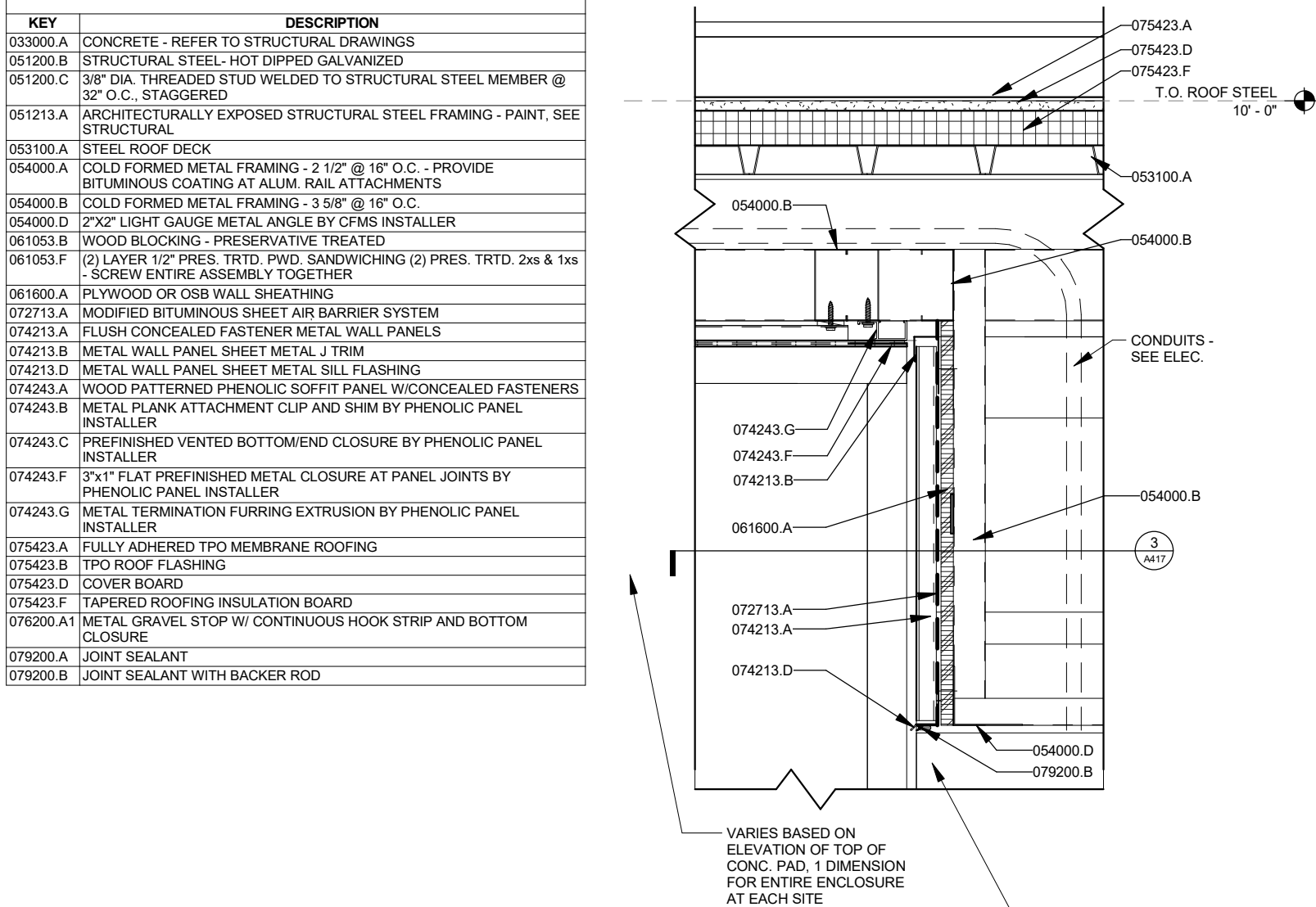
60631225P
CITY OF MADISON, DANE COUNTY, WI
SECTION DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



60631225P
A402

CONTRACT NO: 60631225C

CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C., STAGGERED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.A	COLD FORMED METAL FRAMING - 2 1/2" @ 16" O.C. - PROVIDE BITUMINOUS COATING AT ALUM. RAIL ATTACHMENTS
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
054000.D	2"X2" LIGHT GAUGE METAL ANGLE BY CFMS INSTALLER
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
061053.F	(2) LAYER 1/2" PRES. TRTD. PWD. SANDWICHING (2) PRES. TRTD. 2xs & 1xs - SCREW ENTIRE ASSEMBLY TOGETHER
061600.A	PLYWOOD OR OSB WALL SHEATHING
072713.A	MODIFIED BITUMINOUS SHEET AIR BARRIER SYSTEM
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.B	METAL WALL PANEL SHEET METAL J TRIM
074213.D	METAL WALL PANEL SHEET METAL SILL FLASHING
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.F	3"x1" FLAT PREFINISHED METAL CLOSURE AT PANEL JOINTS BY PHENOLIC PANEL INSTALLER
074243.G	METAL TERMINATION FURRING EXTRUSION BY PHENOLIC PANEL INSTALLER
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
079200.B	JOINT SEALANT WITH BACKER ROD



1 DETAIL - SECTION AT LEVEL HOUSEKEEPING PAD - SIDE

Scale: 1 1/2" = 1'-0"

2 DETAIL - SECTION AT LEVEL HOUSEKEEPING PAD

Scale: 1 1/2" = 1'-0"

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

SECTION DETAILS

BUS RAPID TRANSIT

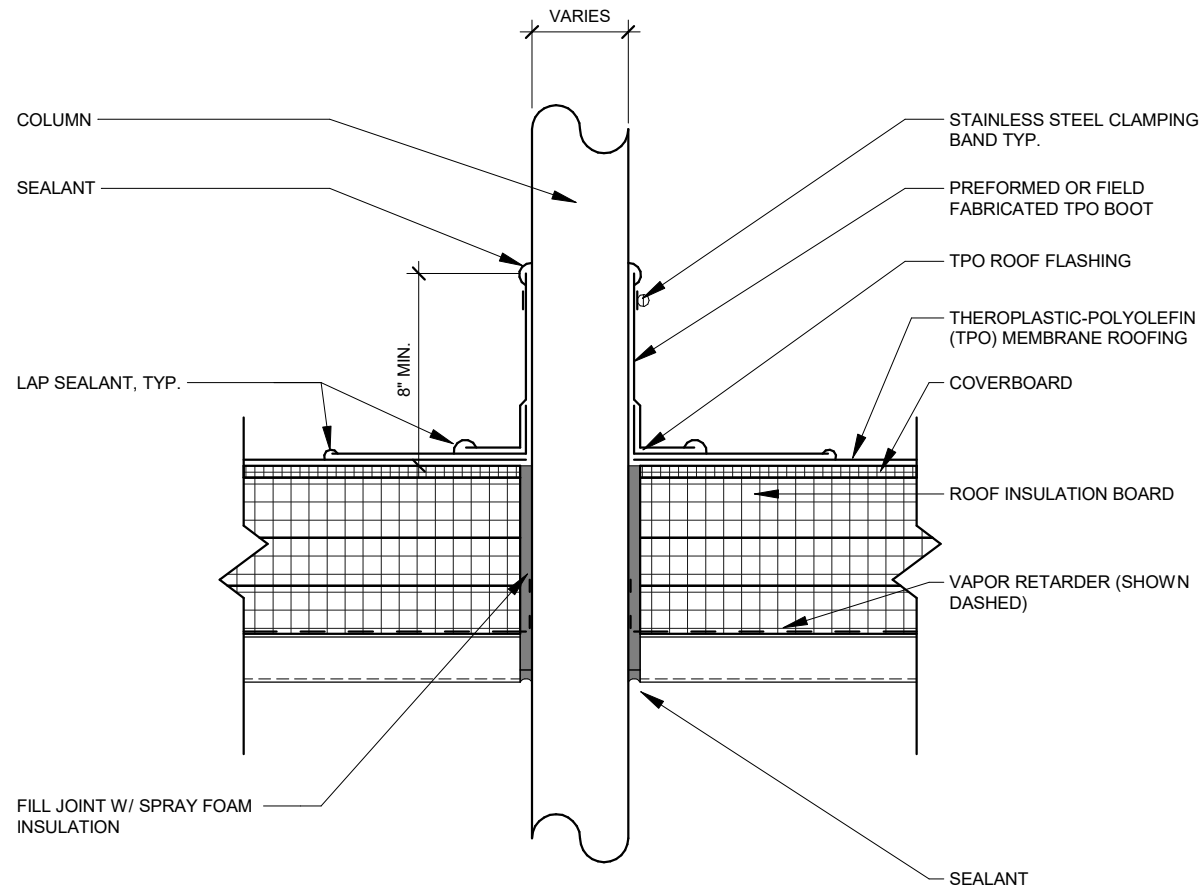
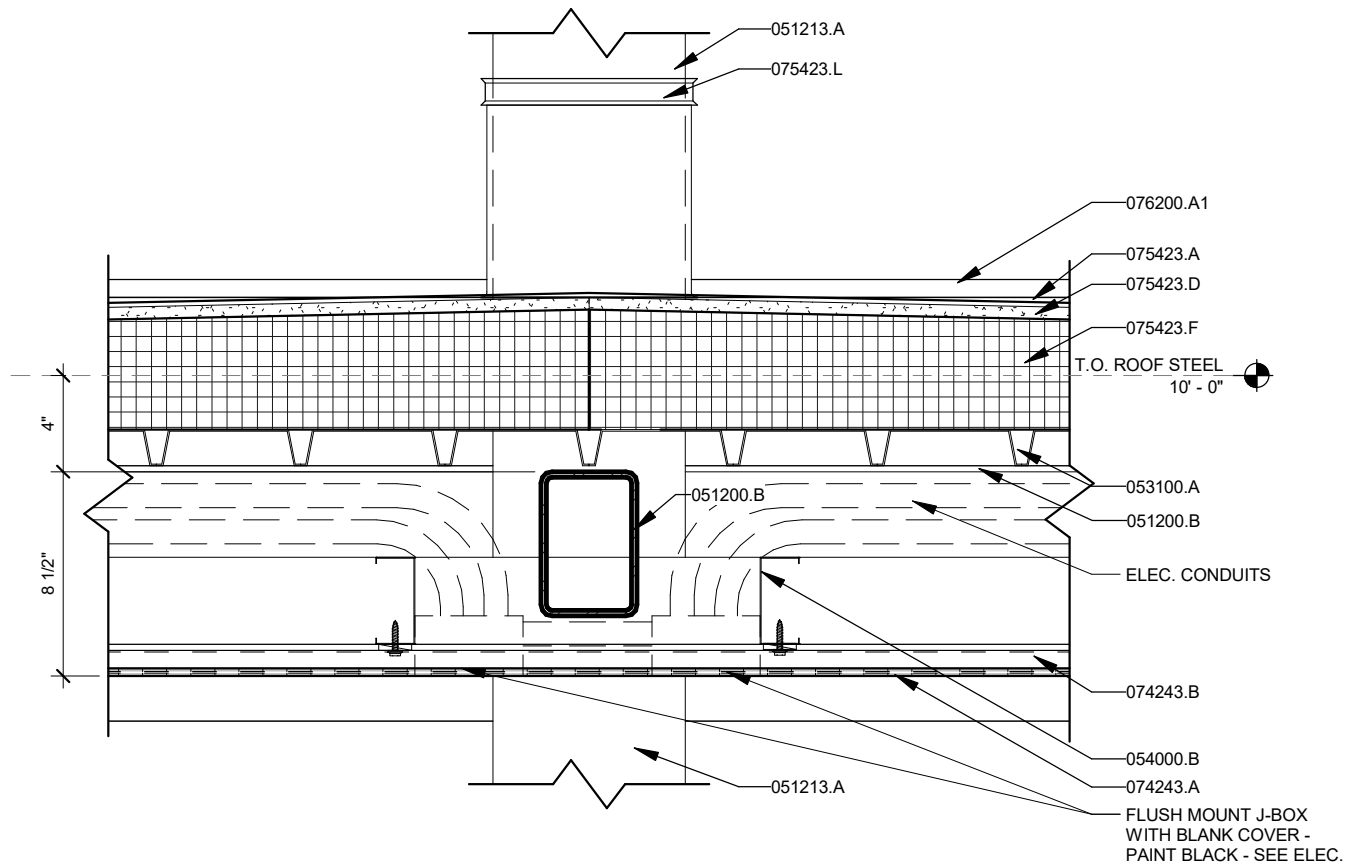
CITY OF MADISON

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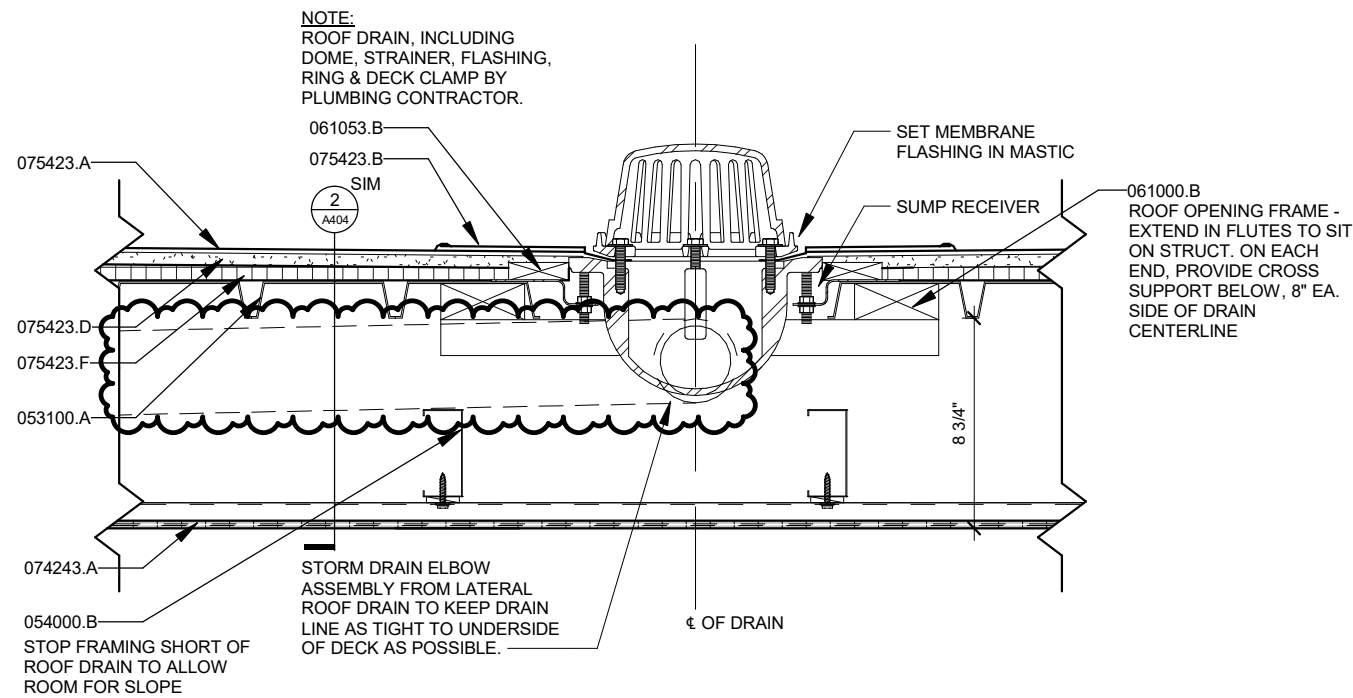
A404

REVISION	DATE
4	6/13/2023
MARK	DESIGNED BY: DSG DATE: 6/19/2023 11:26:51 AM SCALE: --

CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061000.B	WOOD FRAMING - PRESERVATIVE TREATED
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
075423.L	TPO ROOF FLASHING BOOT AROUND STRUCTURE WITH TERMINATION BAR, SEAL TOP OF BAR WITH MASTIC.
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE



3 TYPICAL PENETRATION THROUGH ROOF
Scale: 1 1/2" = 1'-0"



1 TYPICAL ROOF DRAIN
Scale: 1 1/2" = 1'-0"

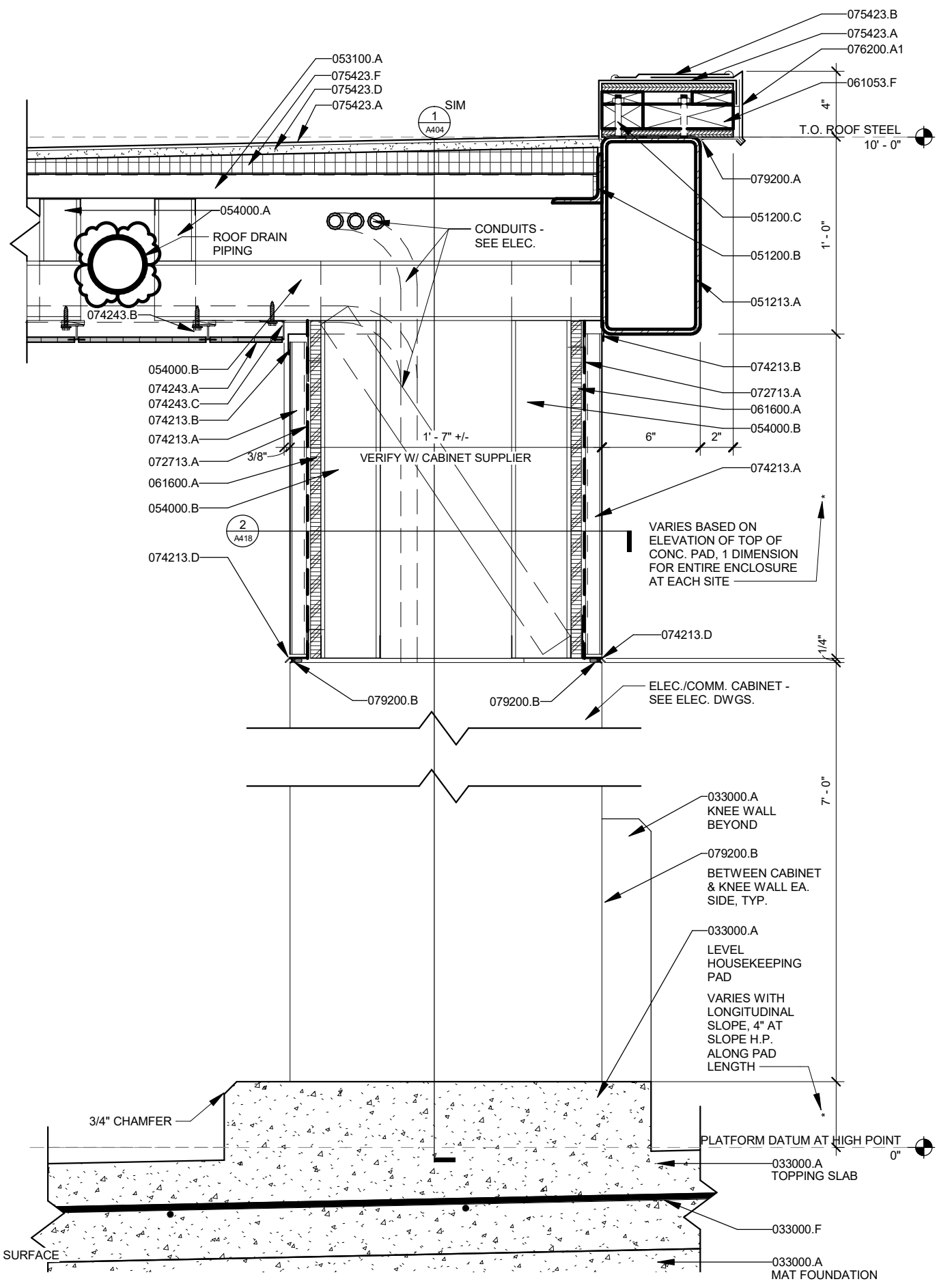
06/13/2023	DATE	BY
06/13/2023	REVISION	MARK
4	REVISION 4	MARK
Designed By: DSG	Date: 6/19/2023 11:26:52 AM	Scale: --

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



60631225P
A405

CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.B	METAL WALL PANEL SHEET METAL J TRIM
074213.D	METAL WALL PANEL SHEET METAL SILL FLASHING
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
079200.B	JOINT SEALANT WITH BACKER ROD



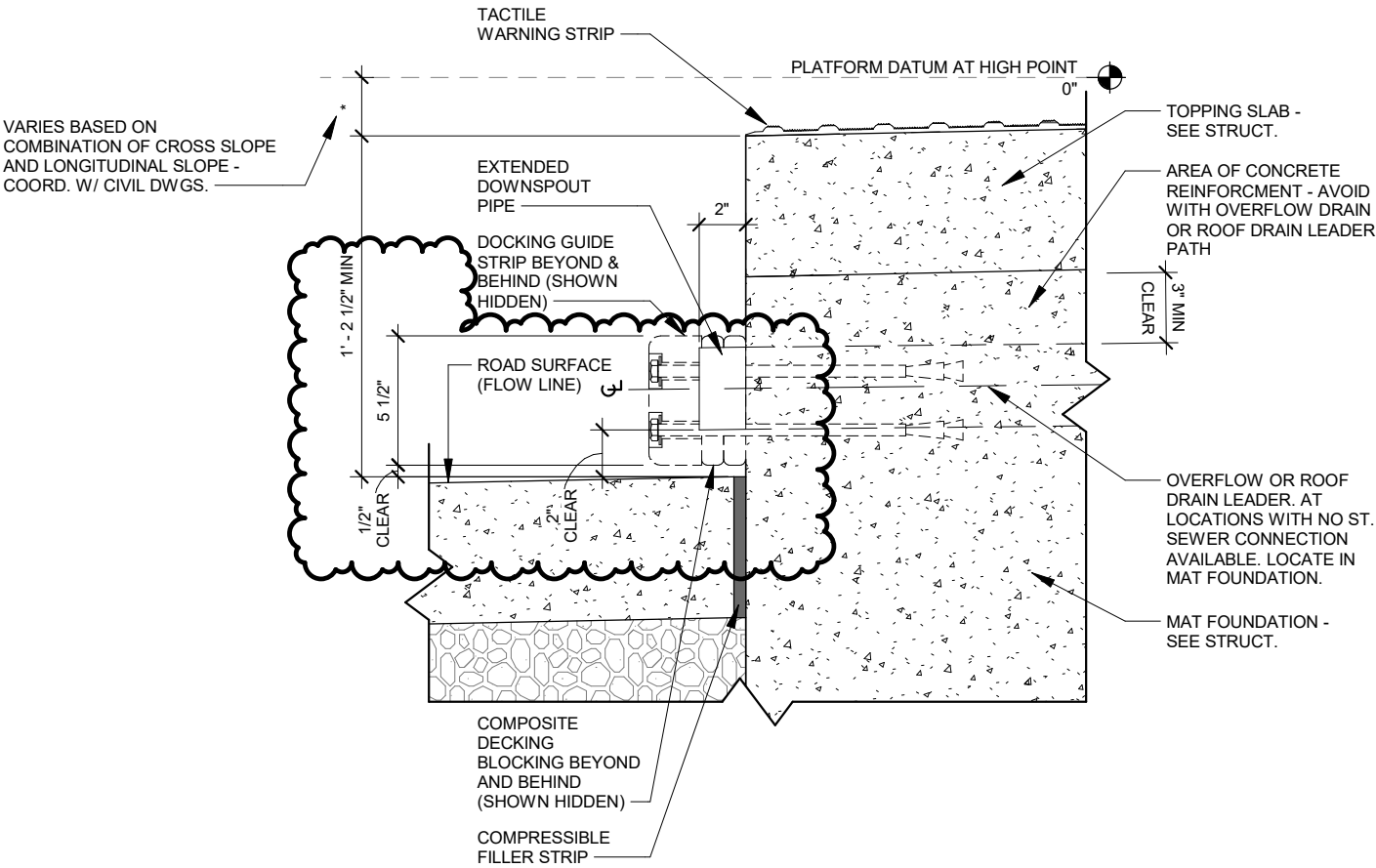
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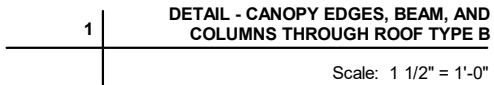
A407

CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
033000.F	REINFORCING - REFER TO STRUCTURAL DRAWINGS
051200.A	STRUCTURAL STEEL
051200.B	STRUCTURAL STEEL- HOT DIPPED GALVANIZED
051200.C	3/8" DIA. THREADED STUD WELDED TO STRUCTURAL STEEL MEMBER @ 32" O.C., STAGGERED
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
053100.A	STEEL ROOF DECK
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061053.B	WOOD BLOCKING - PRESERVATIVE TREATED
061053.D	PLYWOOD - PRESERVATIVE TREATED
061053.F	(2) LAYER 1/2" PRES. TRTD. PWD. SANDWICHING (2) PRES. TRTD. 2xs & 1xs - SCREW ENTIRE ASSEMBLY TOGETHER
061600.A	PLYWOOD OR OSB WALL SHEATHING
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.B	METAL WALL PANEL SHEET METAL J TRIM
074243.A	WOOD PATTERNED PHENOLIC SOFFIT PANEL W/CONCEALED FASTENERS
074243.B	METAL PLANK ATTACHMENT CLIP AND SHIM BY PHENOLIC PANEL INSTALLER
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.D	CUSTOM PREFINISHED METAL TOP/END CLOSURE BY PHENOLIC PANEL INSTALLER. RIVET TO FLUSH METAL WALL PANELS
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
084113.A1	ALUMINUM STOREFRONT SILL FRAME & RECEIVER
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
086300.A	METAL FRAMED SKYLIGHT
086300.B	SKYLIGHT FLASHING & CLOSURES
086300.C	SKYLIGHT PREFINISHED METAL TRIM WITH SNAP CLEAT CONNECTION. MITER CORNERS.
088000.F	LAMINATED GLAZING
129343.A	WALL MOUNTED BENCH - SECURE TO CONCRETE WALL W/ (3) EPOXY ANCHORS PER BRACKET

CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION

DOCKING GUIDE STRIP LENGTH BY LOCATION				
#	LOCATION	LENGTH WB (FT)	LENGTH EB (FT)	LENGTH TOTAL (FT)
1	JUNCTION RD PARK & RIDE	140	0	140
1	JUNCTION RD PARK & RIDE	60	0	60
2	HIGH POINT & MINERAL	70	89	159
3	WESTFIELD & MINERAL	70	75	145
4	GRAND CANYON & MINERAL	70	89	159
5	ISLAND DR & MINERAL	79	70	149
6	ROSA RD & MINERAL	79	70	149
7	WHITNEY WAY & MINERAL	114	70	184
8	REGENT ST & WHITNEY	74	60	134
9	EAU CLAIRE & SHEBOYGAN	70	88	158
10	SHEBOYGAN & SEGOE	70	0	70
11	SHEBOYGAN & SEGOE	0	96	96
12	UNIVERSITY & MIDVALE	84	70	154
13	UNIVERSITY & SHOREWOOD	70	93	163
14	UNIVERSITY BAY & UNIVERSITY	70	88	158
15	UNIVERSITY & ORCHARD	70	0	70
16	JOHNSON & ORCHARD	0	70	70
17	UNIVERSITY AVE AT EAST CAMPUS MALL	155	0	155
18	JOHNSON & CAMPUS MALL	0	85	85
19	STATE & JOHNSON	0	69	69
20	STATE & GORHAM	50	0	50
21	E. MIFFLIN & WISCONSIN	70	0	70
22	MAIN & MARTIN LUTHER KING JR.	0	70	70
23	E. WASHINGTON & S. BLAIR	95	70	165
24	E. WASHINGTON & PATTERSON STREET	77	70	147
25	E. WASHINGTON & BALDWIN	77	70	147
26	E. WASHINGTON & FIRST	100	70	170
27	E. WASHINGTON & FOURTH	70	83	153
28	E. WASHINGTON & MILWAUKEE NORTH	85	0	85
28	E. WASHINGTON & MILWAUKEE NORTH	0	74	74
29	E. WASHINGTON & MARQUETTE	79	70	149
30	E. WASHINGTON & MELVIN COURT	86	70	156
31	E. WASHINGTON & FAIR OAKS	80	70	150
32	ANDERSON & WRIGHT STREET	70	0	70
33	ANDERSON & WRIGHT STREET	0	79	79
34	E. WASHINGTON & MENDOTA STREET	70	0	70
35	E. WASHINGTON & MENDOTA STREET	0	70	70
36	E. WASHINGTON & PORTAGE	78	0	78
37	E. WASHINGTON & THERIER	0	87	87
38	E. WASHINGTON & INDEPENDENCE	80	0	80
39	E. WASHINGTON & INDEPENDENCE	0	83	83
40	E. WASHINGTON & E. SPRINGS	85	0	85
41	E. WASHINGTON & E. SPRINGS	0	70	70
42	HANSON RD	180	0	180
43	SUN PRAIRIE PARK & RIDE			
48	DAYTON STREET & WISCONSIN AVE			
50	BUS/BIKE CONNECTOR FROM ANDERSON ST TO MENDOTA ST			

[illegible]



CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
074243.C	PREFINISHED VENTED BOTTOM/END CLOSURE BY PHENOLIC PANEL INSTALLER
074243.E	CUSTOM PREFINISHED METAL END CLOSURE BY PHENOLIC PANEL INSTALLER.
075423.A	FULLY ADHERED TPO MEMBRANE ROOFING
075423.B	TPO ROOF FLASHING
075423.D	COVER BOARD
075423.F	TAPERED ROOFING INSULATION BOARD
075423.L	TPO ROOF FLASHING BOOT AROUND STRUCTURE WITH TERMINATION BAR, SEAL TOP OF BAR WITH MASTIC.
076200.A1	METAL GRAVEL STOP W/ CONTINUOUS HOOK STRIP AND BOTTOM CLOSURE
079200.A	JOINT SEALANT
084113.A2	ALUMINUM STOREFRONT HEAD FRAME & RECEIVER
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
088000.F	LAMINATED GLAZING

SECTION DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

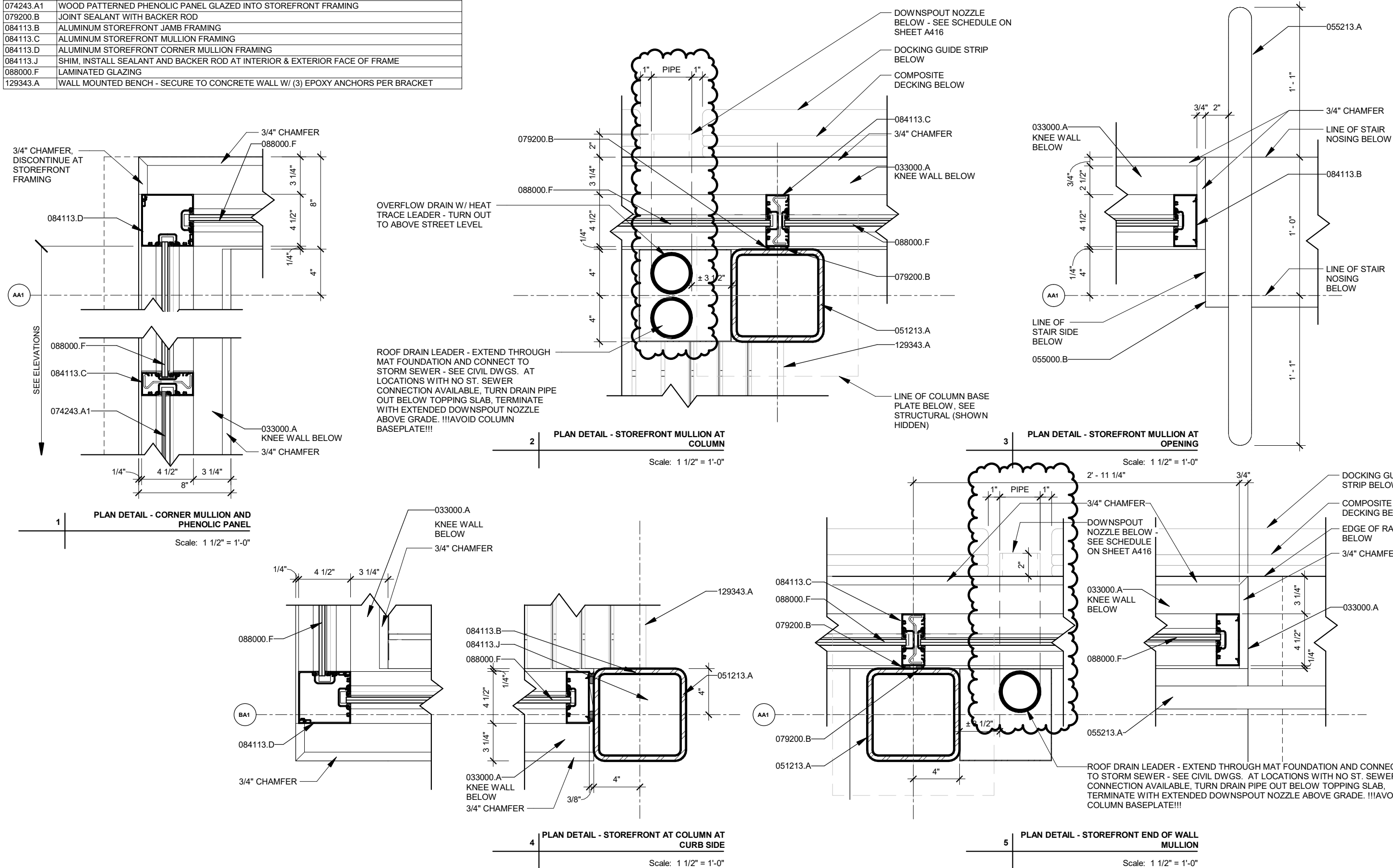
60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
055000.B	ABRASIVE STRIP STAIR NOSING INSERT
055213.A	PIPE AND TUBE RAILINGS - 2" DIA. NPS 316L STAINLESS STEEL ARCHITECTURAL RAILING
074243.A1	WOOD PATTERNED PHENOLIC PANEL GLAZED INTO STOREFRONT FRAMING
079200.B	JOINT SEALANT WITH BACKER ROD
084113.B	ALUMINUM STOREFRONT JAMB FRAMING
084113.C	ALUMINUM STOREFRONT MULLION FRAMING
084113.D	ALUMINUM STOREFRONT CORNER MULLION FRAMING
084113.J	SHIM, INSTALL SEALANT AND BACKER ROD AT INTERIOR & EXTERIOR FACE OF FRAME
088000.F	LAMINATED GLAZING
129343.A	WALL MOUNTED BENCH - SECURE TO CONCRETE WALL W/ (3) EPOXY ANCHORS PER BRACKET



06/13/2023	REVISION 4	DATE
11/09/2022	1	ADDendum 1
MARK	REVISION	DATE
Designed By: DSG	Date: 6/19/2023 11:28:57 AM	Scale: --

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

PLAN DETAILS

BUS RAPID TRANSIT

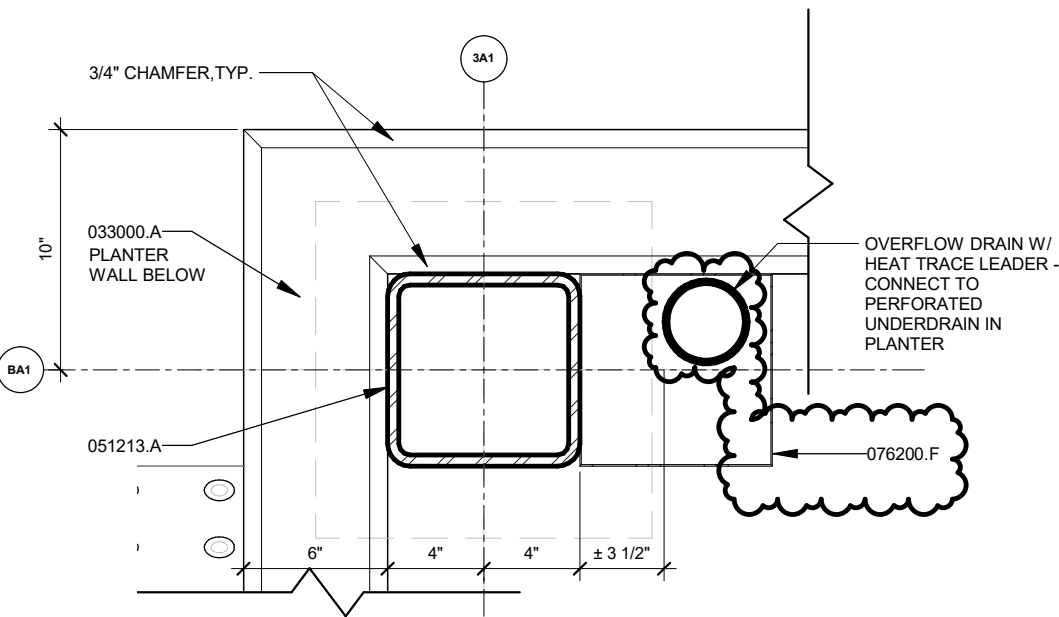
CITY OF MADISON



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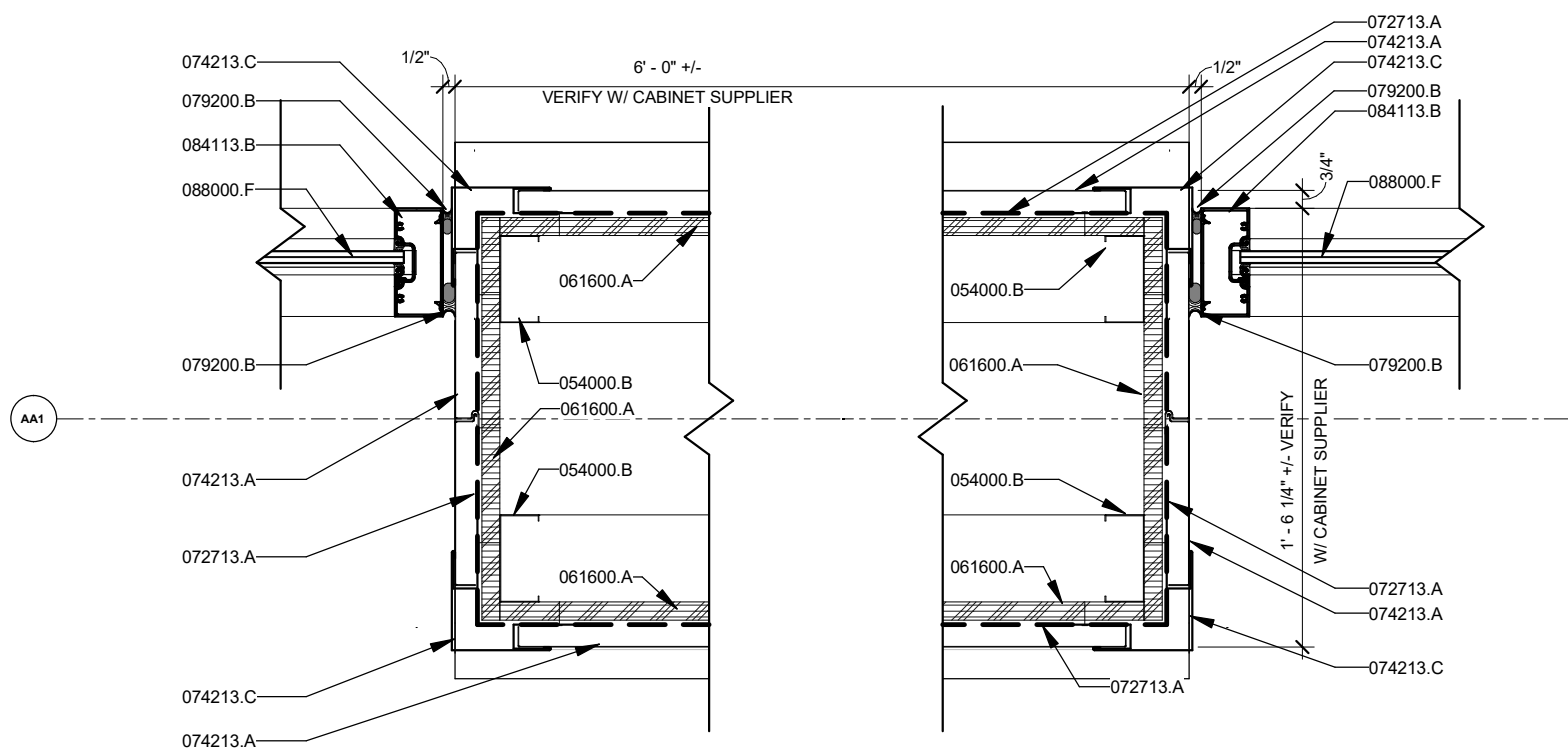
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CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061600.A	PLYWOOD OR OSB WALL SHEATHING
072713.A	MODIFIED BITUMINOUS SHEET AIR BARRIER SYSTEM
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.C	METAL WALL PANEL SHEET METAL CORNER TRIM
076200.F	16 GA. PREFINISHED BRAKE METAL COVER OVER ROOF CONDUCTOR LINES
079200.B	JOINT SEALANT WITH BACKER ROD
084113.B	ALUMINUM STOREFRONT JAMB FRAMING
088000.F	LAMINATED GLAZING



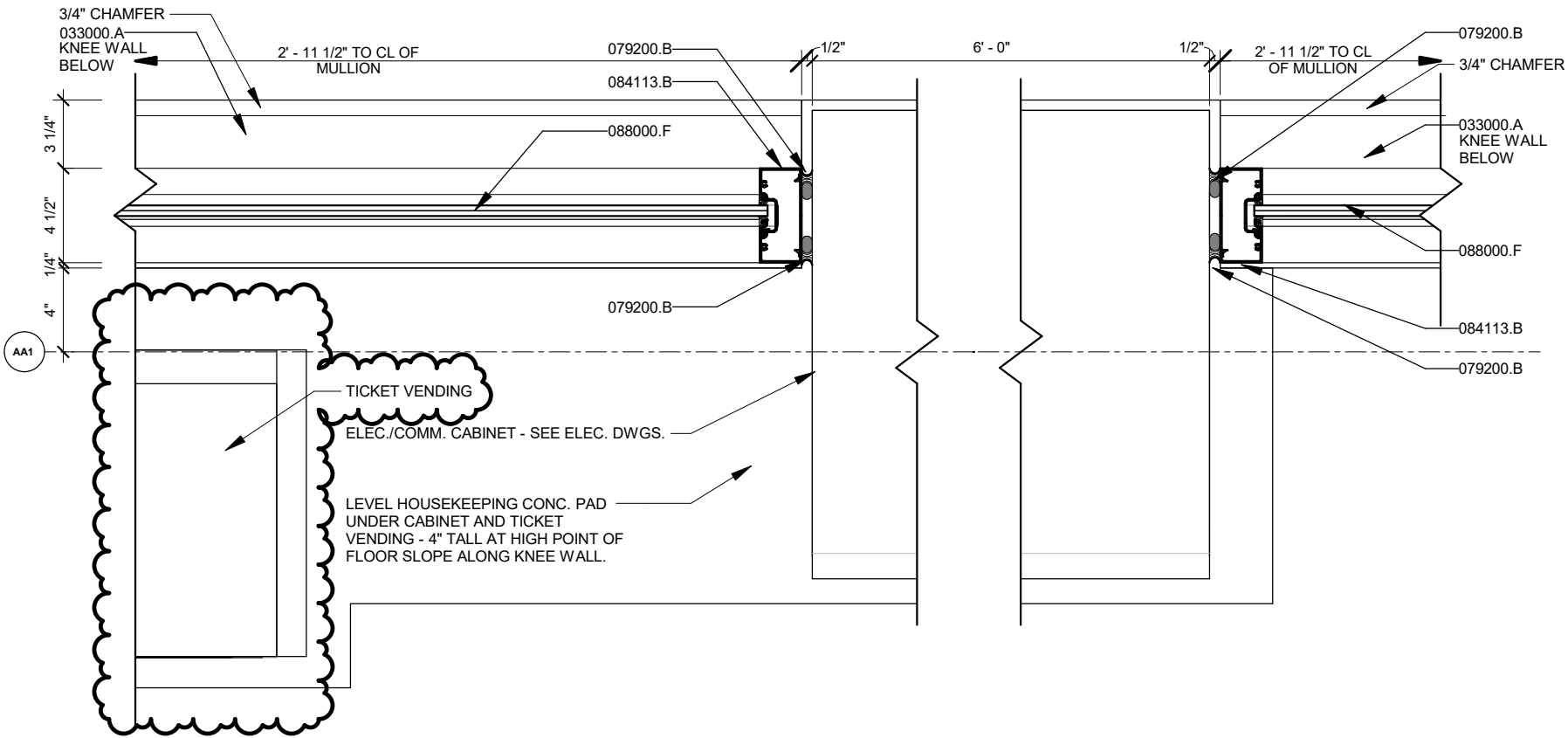
1 PLAN DETAIL - COLUMN AND PIPE COVER AT
PLANTER

Scale: 1 1/2" = 1'-0"



3 PLAN DETAIL - ENCLOSURE ABOVE
ELEC./COMM CABINET

Scale: 1 1/2" = 1'-0"



2 PLAN DETAIL - ELEC./COMM. CABINET AT
STOREFRONT

Scale: 1 1/2" = 1'-0"

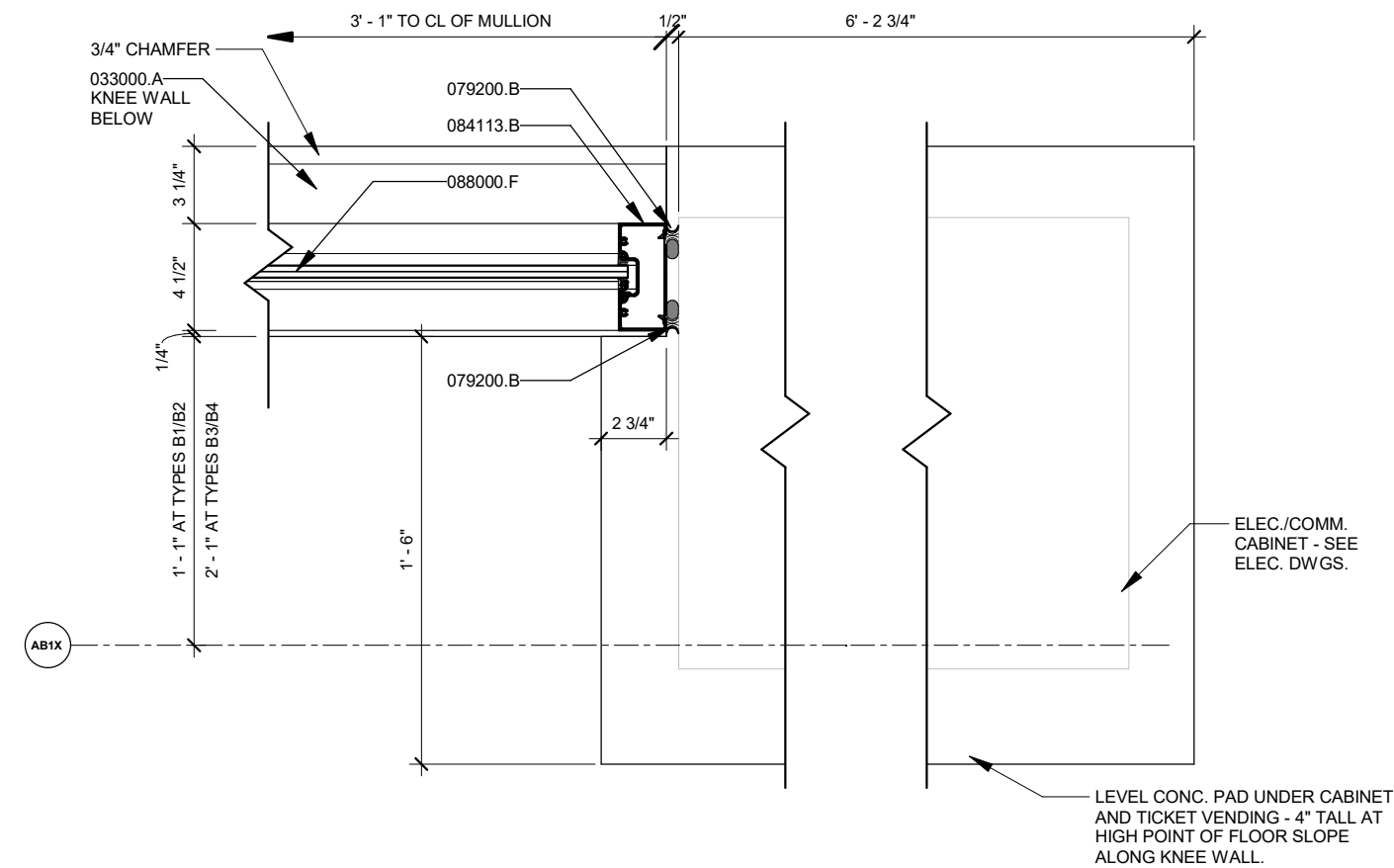
09/13/2023	11/09/2022	DATE	BY
4	1	REVISION	MARK
REVISION 4	ADDendum 1	DESIGNED BY: DSG	DATE: 7/6/2023 3:22:10 PM
Scale: 1"			

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

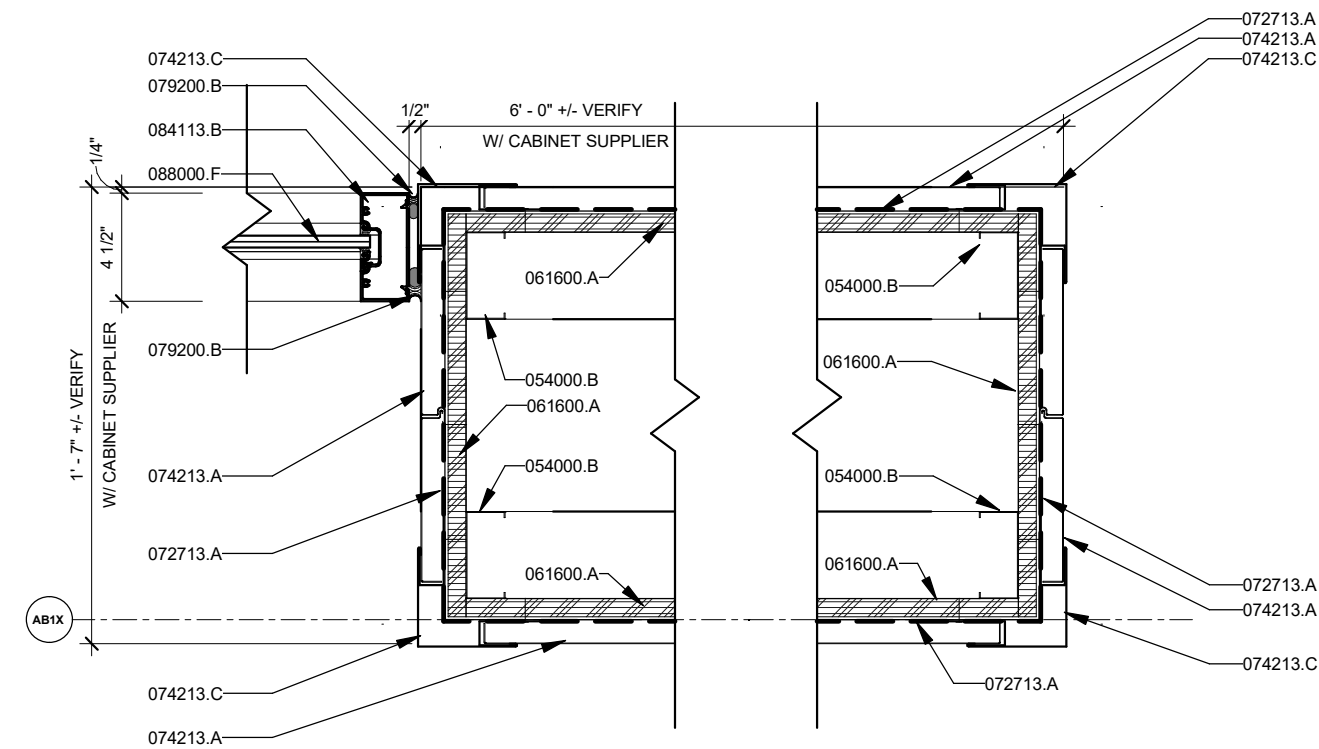


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A417

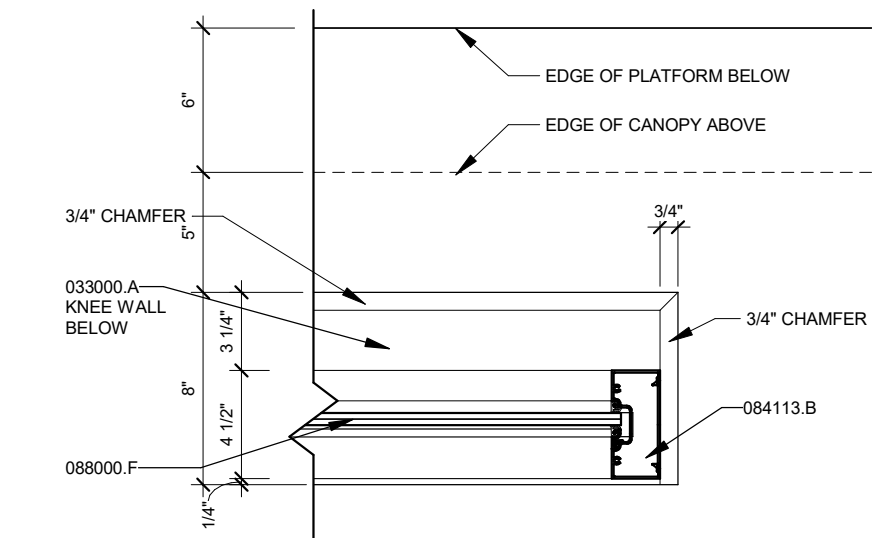


1 PLAN DETAIL - ELEC./COMM. CABINET AT STOREFRONT TYPE B
Scale: 1 1/2" = 1'-0"

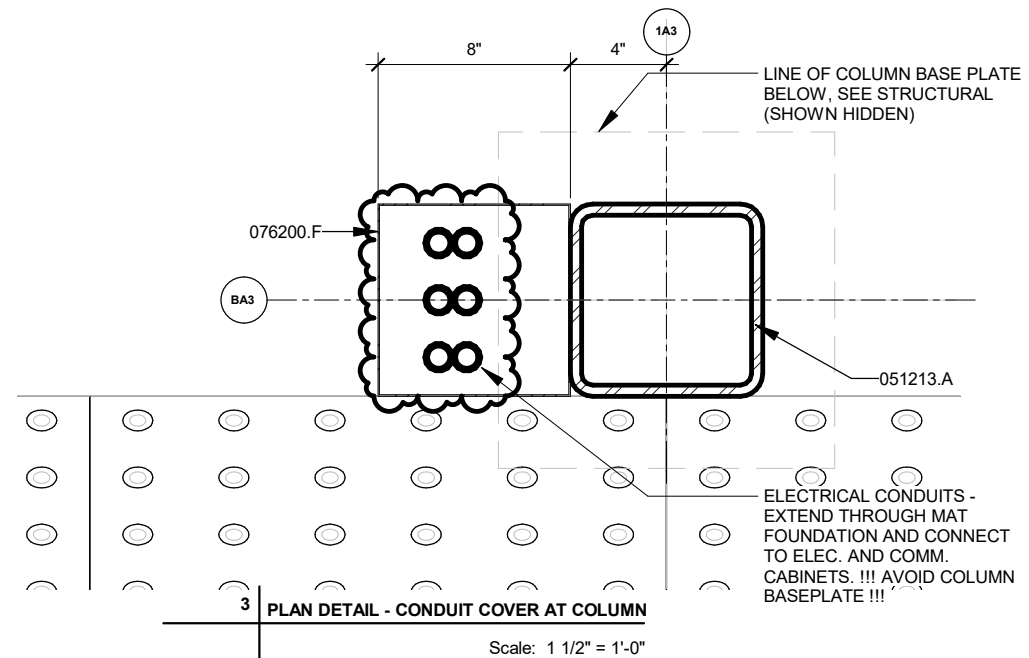


2 PLAN DETAIL - ENCLOSURE ABOVE ELEC./COMM CABINET TYPE B
Scale: 1 1/2" = 1'-0"

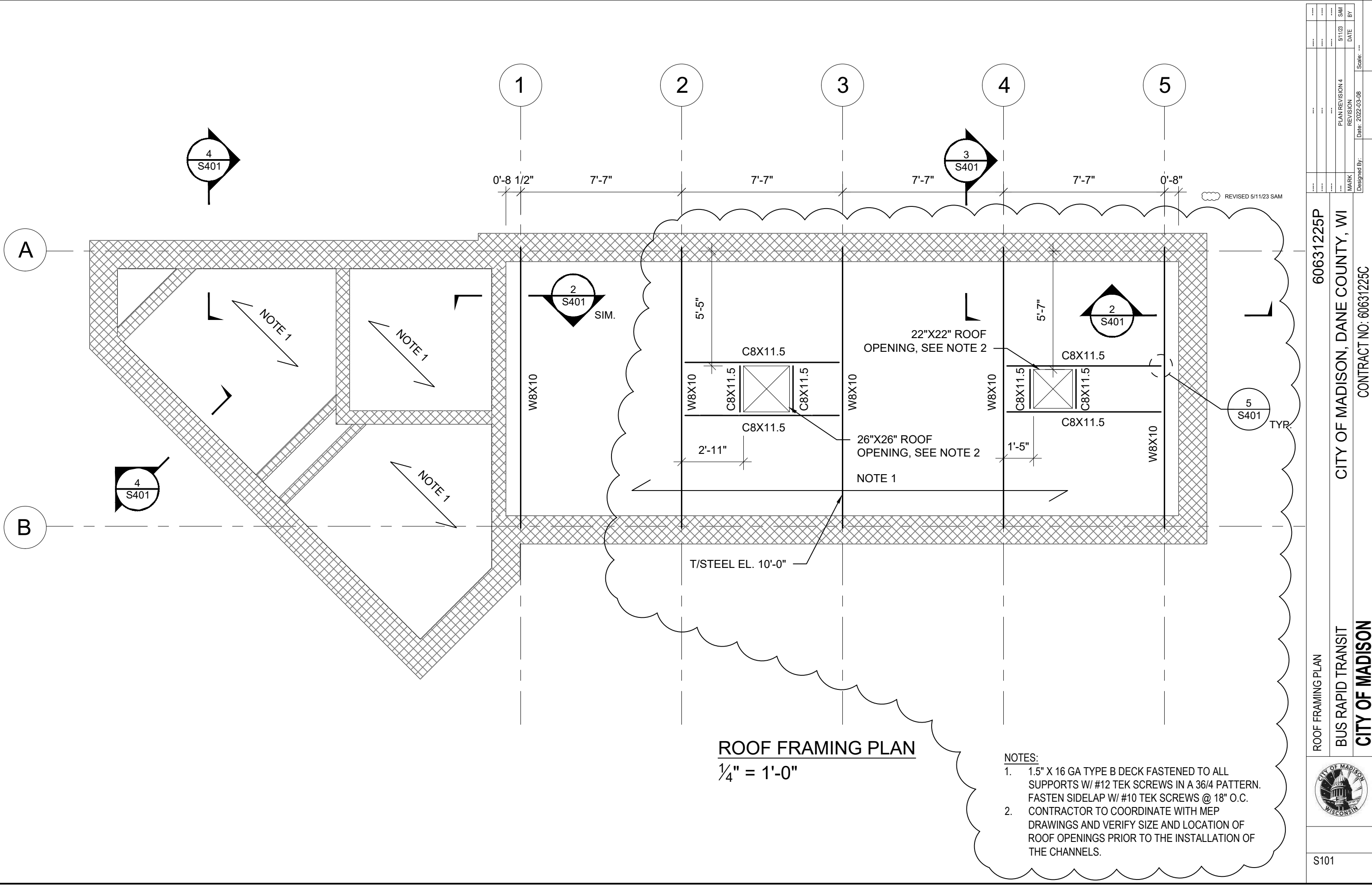
CONSTRUCTION KEYNOTES	
KEY	DESCRIPTION
033000.A	CONCRETE - REFER TO STRUCTURAL DRAWINGS
051213.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL FRAMING - PAINT, SEE STRUCTURAL
054000.B	COLD FORMED METAL FRAMING - 3 5/8" @ 16" O.C.
061600.A	PLYWOOD OR OSB WALL SHEATHING
072713.A	MODIFIED BITUMINOUS SHEET AIR BARRIER SYSTEM
074213.A	FLUSH CONCEALED FASTENER METAL WALL PANELS
074213.C	METAL WALL PANEL SHEET METAL CORNER TRIM
076200.F	16 GA. PREFINISHED BRAKE METAL COVER OVER ROOF CONDUCTOR LINES
079200.B	JOINT SEALANT WITH BACKER ROD
084113.B	ALUMINUM STOREFRONT JAMB FRAMING
088000.F	LAMINATED GLAZING

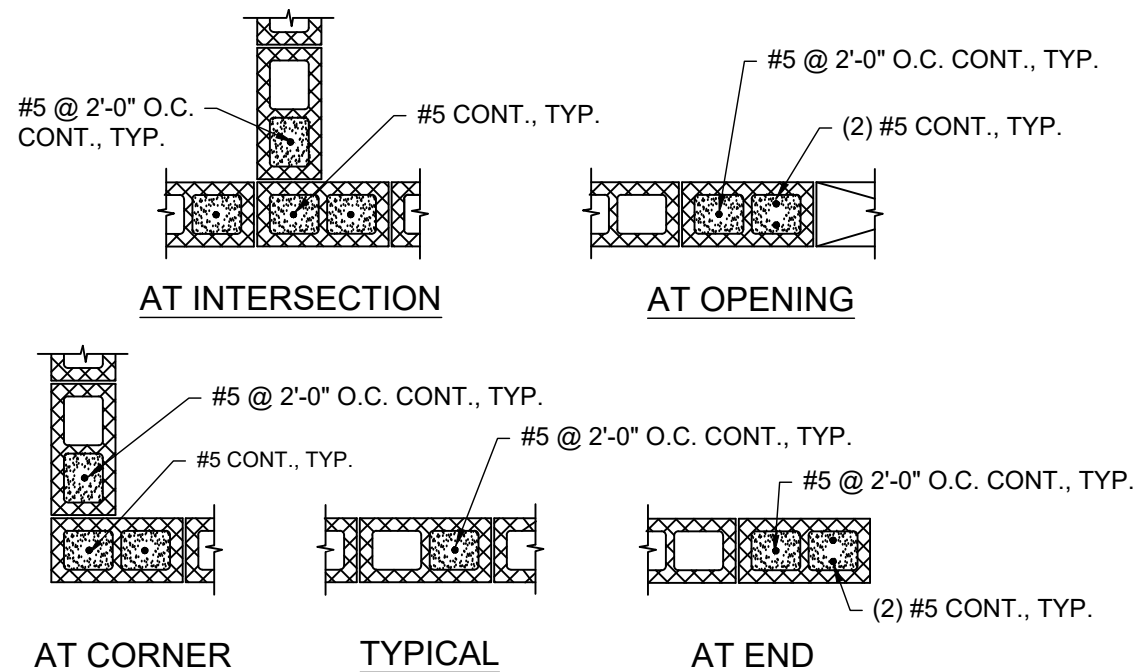


4 PLAN DETAIL - STOREFRONT MULLION AT END OF KNEE WALL
Scale: 1 1/2" = 1'-0"



3 PLAN DETAIL - CONDUIT COVER AT COLUMN
Scale: 1 1/2" = 1'-0"

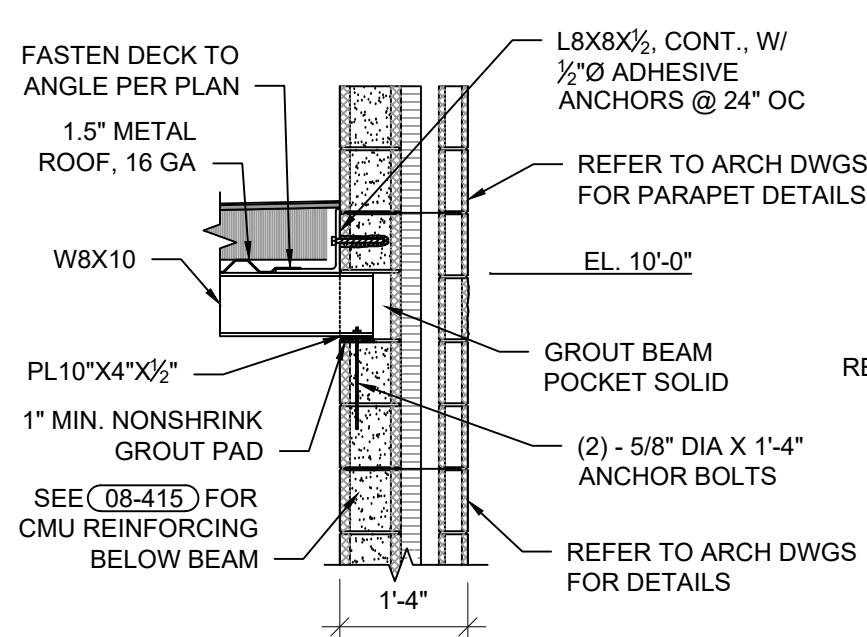




- NOTES 1/S401:
- ALL VERTICAL REINFORCING SHALL HAVE MATCHING DOWELS
 - REFER TO SHEET S003 FOR ADDITIONAL INFORMATION.

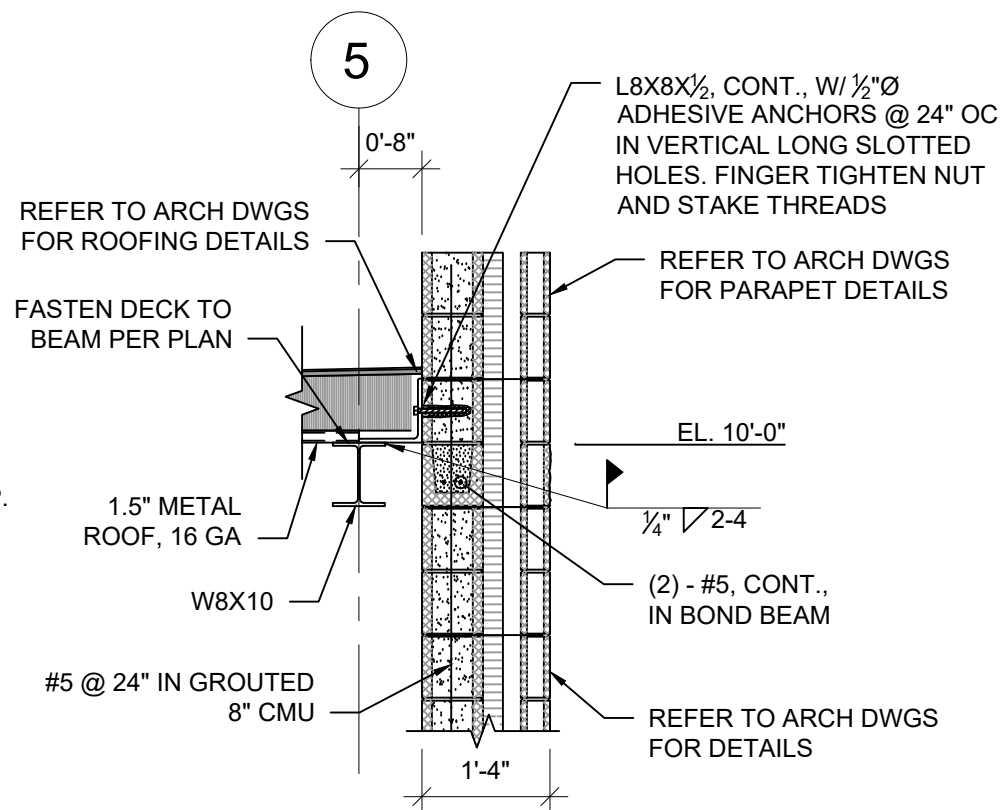
1 CMU WALL DETAILS

1/2" = 1'-0"



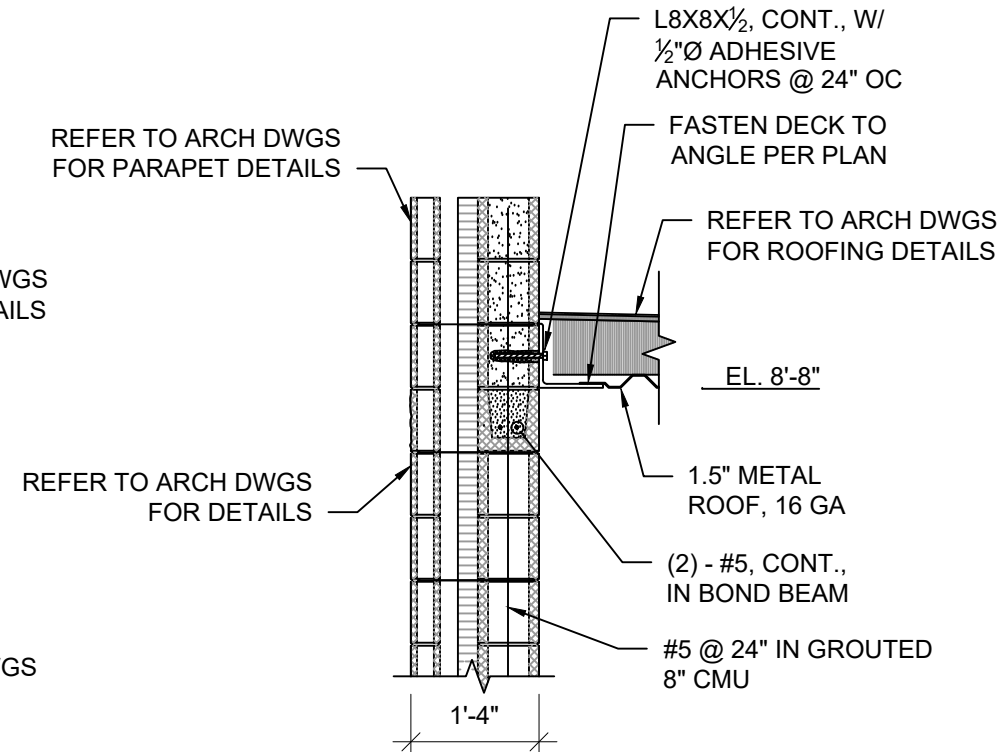
3 ROOF BEAM BEARING DETAIL

1/2" = 1'-0"



2 CMU WALL AT ROOF DETAIL

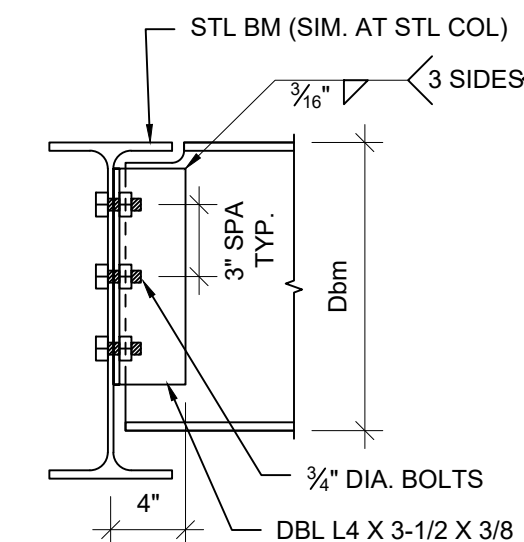
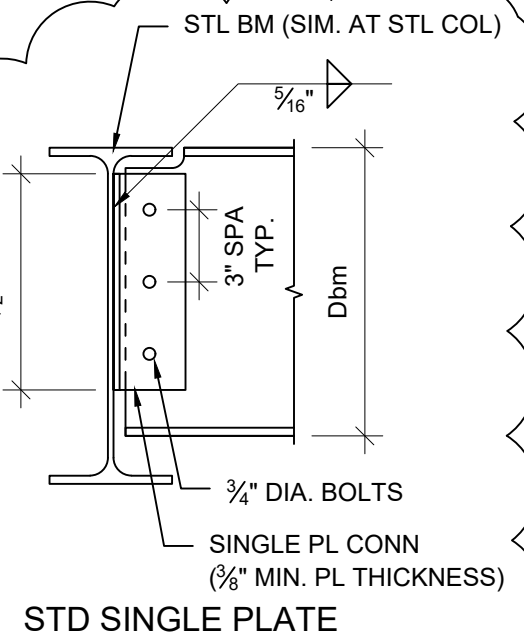
1/2" = 1'-0"



4 CMU WALL AT ROOF DETAIL

1/2" = 1'-0"

- NOTES FOR 5/S401:
- REFERENCE ALL STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS REGARDING CONNECTIONS.
 - ALL PERIMETER BEAMS, BEAMS AT COLUMNS, AND BEAMS WHICH SUPPORT MECHANICAL UNITS AND THEIR SUPPORTING MEMBERS SHALL BE STANDARD DOUBLE ANGLE CONNECTIONS. USE OF SINGLE PLATE SHEAR CONNECTIONS MAY BE ALLOWED SUBJECT TO ENGINEER APPROVAL IN LOCATIONS WHERE DOUBLE ANGLE CONNECTIONS ARE NOT PRACTICAL. CONTRACTOR SHALL SUBMIT LOCATIONS WHERE SINGLE SHEAR PLATE CONNECTIONS ARE DEEMED NECESSARY TO ENGINEER FOR APPROVAL PRIOR TO SUBMITTING SHOP DRAWINGS.
 - MINIMUM NUMBER OF BOLTS FOR STANDARD SINGLE PLATE (SP) AND DOUBLE ANGLE (DA) CONNECTION ARE AS FOLLOWS (SEE TABLE):



BEAM	SP	DA
ALL W8 & C8	2 BOLTS	2 BOLTS
ALL W10, C10, & C9	2 BOLTS	2 BOLTS
ALL W12 & C12	3 BOLTS	2 BOLTS
ALL W14 & C15	4 BOLTS	3 BOLTS
ALL W16	4 BOLTS	3 BOLTS
ALL W18	5 BOLTS	4 BOLTS
ALL W21	6 BOLTS	5 BOLTS
ALL W24	7 BOLTS	6 BOLTS
ALL W27	8 BOLTS	7 BOLTS
ALL W30	9 BOLTS	8 BOLTS
ALL W33	10 BOLTS	9 BOLTS

5 TYP SHEAR CONNECTIONS NTS

DATE	BY	SCALE
5/1/23	SAM	
REVISION	DATE	BY
PLAN REVISION 4	2022-03-08	
MARK	DESIGNED BY:	

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

STRUCTURAL DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



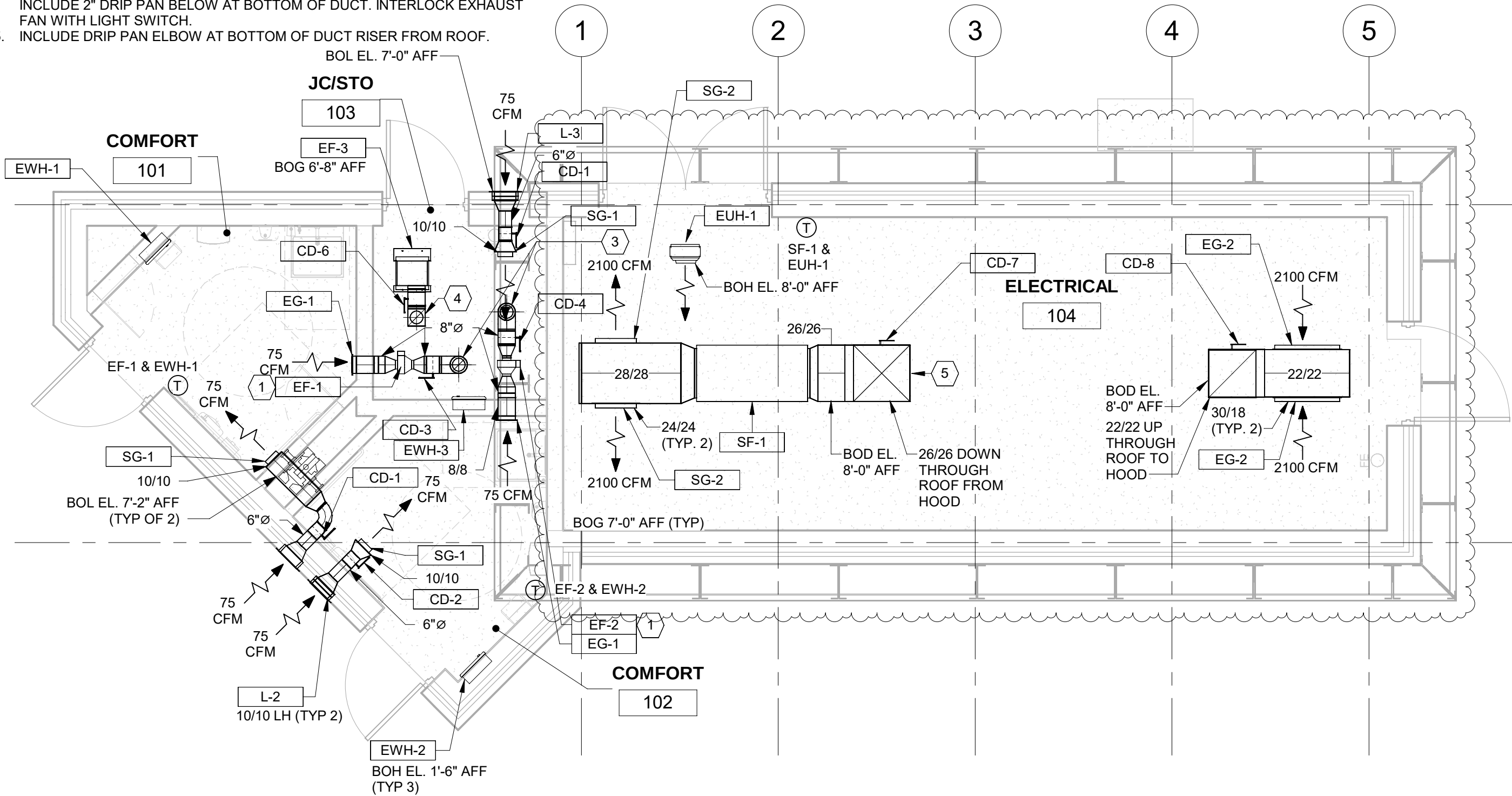
KEY NOTES

- 1. EXHAUST FAN TO BE INTERLOCKED WITH LIGHT SWITCH OF COMFORT ROOM EXHAUST FAN SERVES.
- 2. INSULATE LIQUID AND GAS PIPES SEPARATELY WITH INSULATION MATERIALS. DEFINED IN SPECIFICATION SECTION 23 00 00.
- 3. 8" ROUND EXHAUST DUCTWORK UP THROUGH CEILING, TERMINATING AT 6" ROUND ROOF JACK WITH INSTALLED FLASHING. INCLUDE 2" DRIP PAN BELOW AT BOTTOM OF DUCT.
- 4. GREENHECK SP-A200 CEILING EXHAUST FAN TO BE INSTALLED WITHIN CEILING SOFFIT. PROVIDE 8"X8" DUCT OUT OF FAN, UP THROUGH ROOF AND TERMINATING AT 6" ROUND ROOF JACK WITH INSTALLED FLASHING. INCLUDE 2" DRIP PAN BELOW AT BOTTOM OF DUCT. INTERLOCK EXHAUST FAN WITH LIGHT SWITCH.
- 5. INCLUDE DRIP PAN ELBOW AT BOTTOM OF DUCT RISER FROM ROOF.

GENERAL NOTES

- 1. WORK SHOWN IS FOR THE JUNCTION ROAD TERMINAL.

REVISED 2/28/2023 CTC



OVERALL HVAC FLOOR PLAN

Scale: 1/4" = 1'-0"

60631225P

CITY OF MADISON, DANE COUNTY, WI

OVERALL HVAC FLOOR PLAN

M001

60631225C

BUS RAPID TRANSIT

CITY OF MADISON

PLAN 1 REVISION	ADDENDUM 1	REVISION	DATE	BY
2/28/23	11/22	JAR		
CTC				

Designed By: Scale: --

1. ROOF DRAINS SHALL BE EQUIPPED WITH STRAINERS EXTENDING NOT LESS THAN 4 INCHES ABOVE THE SURFACE OF THE ROOF IMMEDIATELY ADJACENT TO THE ROOF DRAIN. STRAINERS SHALL HAVE AN AVAILABLE INLET AREA ABOVE THE ROOF OF NOT LESS THAN 1.5 TIMES THE AREA OF THE CONDUCTOR TO WHICH THE DRAIN CONNECTS.
2. WORK SHOWN IS FOR JUNCTION ROAD TERMINAL. ROUTE SUN PRAIRIE SITE SANITARY SEWER AND STORM WATER PER LOCAL SITE CONDITIONS.

Roof layout plan showing HVAC equipment, ductwork, and roof penetrations. The plan is overlaid with a grid with columns 1 through 5 and rows A through B.

Equipment and Penetrations:

- 4"RD (205 SQ FT) (8 GPM):** Two circular penetrations on the left side of the plan.
- 3"VTR:** Two circular penetrations on the left side of the plan.
- 6" ROUND ROOF JACK WITH INSTALLED FLASHING. INCLUDE 2" DRIP PAN BELOW BOTTOM OF DUCT.** A rectangular penetration on the left side of the plan.
- 32/32 ROOF CURB (1 3/4"):** A rectangular penetration on the left side of the plan.
- GVH-1:** A rectangular HVAC unit on the left side of the plan.
- 26/26 DOWN THROUGH ROOF:** A rectangular penetration on the left side of the plan.
- 4"RD (550 SQ FT) (22 GPM):** A circular penetration on the left side of the plan.
- 28/28 ROOF CURB (1 3/4"):** A rectangular penetration on the left side of the plan.
- GVH-2:** A rectangular HVAC unit on the right side of the plan.
- 22/22 DOWN THROUGH ROOF:** A rectangular penetration on the right side of the plan.
- 4"ORD (205 SQ FT) (8 GPM):** A circular penetration on the right side of the plan.
- 4"ORD (550 SQ FT) (22 GPM):** A circular penetration on the right side of the plan.

Grid and Dimensions:

- Columns: 1, 2, 3, 4, 5
- Rows: A, B
- Overall dimensions: 10' x 10' (indicated by dashed lines).

OVERALL MECHANICAL ROOF PLAN

[illegible]

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



M002



REVISED 2/28/2023 CTC

GRAVITY VENTILATOR HOOD SCHEDULE											
TAG	MANUFACTURER MODEL NO. OR EQUAL	AIR DATA			HOOD DATA						REMARKS
		VOLUME (CFM)	SP (inWC)	MAXIMUM THROAT VELOCITY (FPM)	TYPE	MATERIAL	BASE HEIGHT (IN)	HOOD SIZE W/H (IN)	THROAT SIZE W/H (IN)	WEIGHT (LBS)	
GVH-1	GREENHECK FGI	4,200	0.11	895	OUTDOOR	STEEL	1.75	48/42	26/28	100	BEF, GB
GVH-2	GREENHECK FGR	4,200	0.38	1,250	EXHAUST	STEEL	1.75	36/32	22/22	85	BEF, GB

BEF = BAKED ENAMEL FINISH, GB = GALVANIZED BIRDSCREEN, W/H = WIDTH BY HEIGHT

ELECTRIC HEATER SCHEDULE													
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	TYPE	HEAT OUTPUT (kW)	MOUNTING HEIGHT (FT)	AIR DATA			ELECTRICAL DATA					REMARKS
					AIR FLOW (CFM)	THROW (FT)	TEMP RISE (°F)	KW	VOLT	PHASE	HZ	AMPS	
EWH-1	QMARK CWH3408F	FORCED WALL HEATER	4	1.5	100	-	-	7.5	208	1	60	19.2	DS, SFS, RM
EWH-2	QMARK CWH3408F	FORCED WALL HEATER	4	1.5	100	-	-	7.5	208	1	60	19.2	DS, SFS, RM
EWH-3	QMARK CWH3408F	FORCED WALL HEATER	4	1.5	100	-	-	7.5	208	1	60	19.2	DS, SFS, RM
EUH-1	QMARK MUH05-61	HORIZONTAL UNIT HEATER	5	8.0	350	12.0	45	7.5	208	1	60	24.0	CM, DS, SFS

CM = CEILING MOUNTED, DS = INTEGRAL DISCONNECT SWITCH, SFS = SUMMER FAN SWITCH, RM = RECESSED MOUNTED

CONTROL DAMPER SCHEDULE										
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	DIAMETER (IN)	AREA (SQ IN)	AIR TYPE	BLADE TYPE	CONTROL TYPE	FAIL POSITION	RELATED LOUVER	RELATED SYSTEM	REMARKS
CD-1	RUSKIN ARD25	6	-	OUTDOOR	OPPOSED	2 POSITION	OPEN	L-1	-	GS
CD-2	RUSKIN ARD25	6	-	OUTDOOR	OPPOSED	2 POSITION	OPEN	L-2	-	GS
CD-3	RUSKIN ARD25	8	-	EXHAUST	OPPOSED	2 POSITION	OPEN	-	EF-1	GS
CD-4	RUSKIN ARD25	8	-	EXHAUST	OPPOSED	2 POSITION	OPEN	-	EF-2	GS
CD-5	RUSKIN ARD25	8	-	OUTDOOR	OPPOSED	2 POSITION	OPEN	L-3	-	GS
CD-6	RUSKIN CD50	-	8x8	EXHAUST	OPPOSED	2 POSITION	OPEN	-	EF-3	GS
CD-7	RUSKIN CD50	-	26x26	OUTDOOR	OPPOSED	2 POSITION	OPEN	GVH-1	SF-1	GS
CD-8	RUSKIN CD50	-	22x22	EXHAUST	OPPOSED	2 POSITION	OPEN	GVH-2	-	GS

GS = GALVANIZED STEEL

EXTERIOR DESIGN TEMPERATURE SCHEDULE						
DESCRIPTION	SEASON	TYPE	DRY BULB (°F)	WET BULB (°F)	REMARKS	
OUTDOOR AIR	WINTER	MINIMUM	-15	---	WI SAFETY AND PROFESSIONAL SERVICES, CHAPTER SPS 363 ENERGY CONSERVATION (2018)	
OUTDOOR AIR	SUMMER	MAXIMUM	87	75	WI SAFETY AND PROFESSIONAL SERVICES, CHAPTER SPS 363 ENERGY CONSERVATION (2018)	

FAN SCHEDULE													
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	TYPE	AIR DATA			FAN SPEED (RPM)	DRIVE TYPE	MOTOR DATA					REMARKS
			CFM	ESP (IN WG)	BHP			HP	VOLT	PH	HZ	RPM	
EF-1	FANTECH FG 6	INLINE CENTRIFUGAL	75	0.20	-	2,703	DIRECT	0.10	120	1	60	2,703	SSS, SSSC
EF-2	FANTECH FG 6	INLINE CENTRIFUGAL	75	0.20	-	2,703	DIRECT	0.10	120	1	60	2,703	SSS, SSSC
EF-3	GREENHECK SP-A200	CEILING EXHAUST	75	0.50	-	760	DIRECT	0.04	115	1	60	900	IG, SSSC
SF-1	GREENHECK SQ-160-A	INLINE CENTRIFUGAL	4,200	0.74	-	1,666	DIRECT	2.00	460	3	60	1,725	IG, SSSC, VFD

IG = INTEGRAL GRILLE, SSS = STAINLESS STEEL SHAFT, SSSC = SOLID STATE SPEED CONTROLLER, VFD = VARIABLE FREQUENCY DRIVE

GRILLE/ DIFFUSER SCHEDULE											
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	SERVICE	CFM RANGE	NECK SIZE (IN)	MODULE SIZE (IN)	MAX. APD (IN WG)	MAX. NC	FINISH	MATERIAL	MOUNTING	REMARKS
SG-1	TITUS 300R	SUPPLY	75	8x8	10x10	0.006	20	WHITE	ALUMINUM	SURFACE	DD
SG-2	TITUS 300R	EXHAUST	2,100	24x24	26x26	0.111	30	WHITE	ALUMINUM	SURFACE	DD
EG-1	TITUS 350R	RETURN	75	8x8	10x10	0.002	20	WHITE	ALUMINUM	SURFACE	SDFB
EG-2	TITUS 350R	EXHAUST	2,100	30x18	32x20	0.040	30	WHITE	ALUMINUM	SURFACE	SDFB

DD = DOUBLE DEFLECTION, SDFB = SINGLE DEFLECTION FIXED BLADE

INTERIOR DESIGN CRITERIA SCHEDULE				
AREA	SYSTEM(S)	TEMPERATURES		REMARKS
		HEATING MINIMUM	COOLING MAXIMUM	
COMFORT 101	EF, EWH, UC	70	85	
COMFORT 102	EF, EWH, UC	70	85	
JC/STO 103	EF, EWH, UC	70	85	
ELECTRICAL ROOM	EUH, UC	55	85	

EF = EXHAUST FAN, EUH = ELECTRIC UNIT HEATER, EWH = ELECTRIC WALL HEATER
MC = MECHANICAL COOLING, UC = UNTEMPERED COOLING

WALL LOUVER SCHEDULE										
TAG NO.	MANUFACTURER MODEL NO. OR EQUAL	SERVICE	AIR FLOW (CFM)	WIDTH (INCHES)	HEIGHT (INCHES)	BLADE DEPTH (INCHES)	MAX. APD (IN WG)	MAX. FACE VELOCITY (FPM)	FRAME TYPE	REMARKS
L-1	FANTECH COM6P	SUPPLY	75	10	10	4	-	216	CHANNEL	

MECHANICAL SCHEDULES	PLAN 1 REVISION	ADDENDUM 1	REVISION	MARK	DESIGNED BY:	DATE: 2022-03-08	SCALE: ---
60631225P	2.28.23	11.822	---	---	---	---	---
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60631225P

CITY OF MADISON, DANE COUNTY, WI

MECHANICAL SCHEDULES

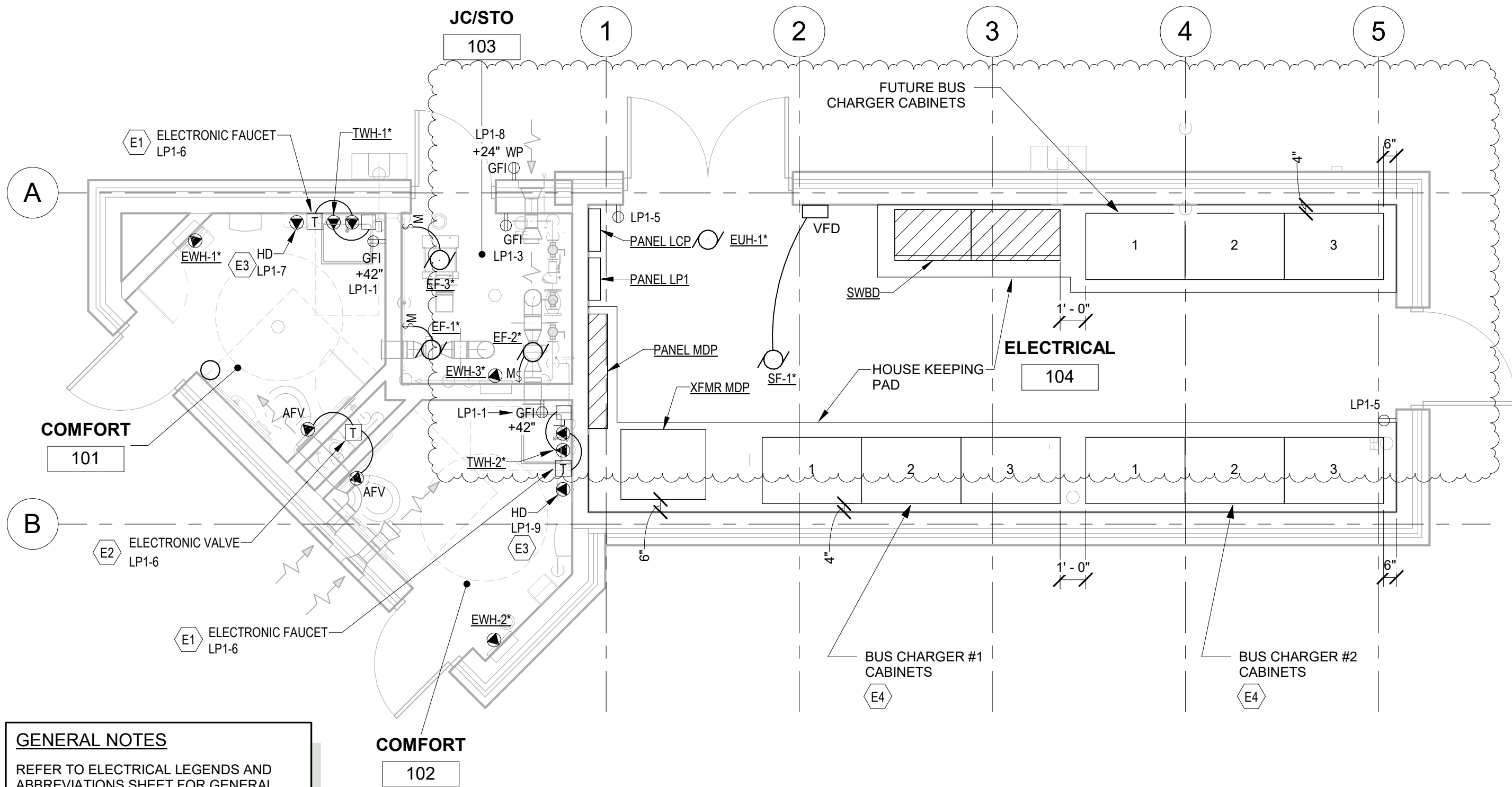
BUS RAPID TRANSIT

CITY OF MADISON



M601

CONTRACT NO: 60631225C



GENERAL NOTES

REFER TO ELECTRICAL LEGENDS AND ABBREVIATIONS SHEET FOR GENERAL AND KEYED NOTES.

* REFER TO ELECTRICAL "ME" SCHEDULE FOR ELECTRICAL REQUIREMENTS

REFER TO "PS&E PLAN SET 4" FOR ELECTRICAL ONE-LINE DIAGRAMS & DISTRIBUTION EQUIPMENT SCHEDULES

JUNCTION PARK AND RIDE - ELECTRICAL POWER PLAN

Scale: 1/4" = 1'-0"

REVISED 05/10/23 RJS

60631225P	60631225C
JUNCTION PARK AND RIDE - ELECTRICAL POWER PLAN	CITY OF MADISON
BUS RAPID TRANSIT	
CITY OF MADISON	
PLAN REVISION 4	MARK
05.10.23	DESIGNED BY
ADDENDUM 1	DATE
REVISION	BY
11.8.22	DATE
JAR	BY
MCM	BY
Scale: ---	

GENERAL NOTES

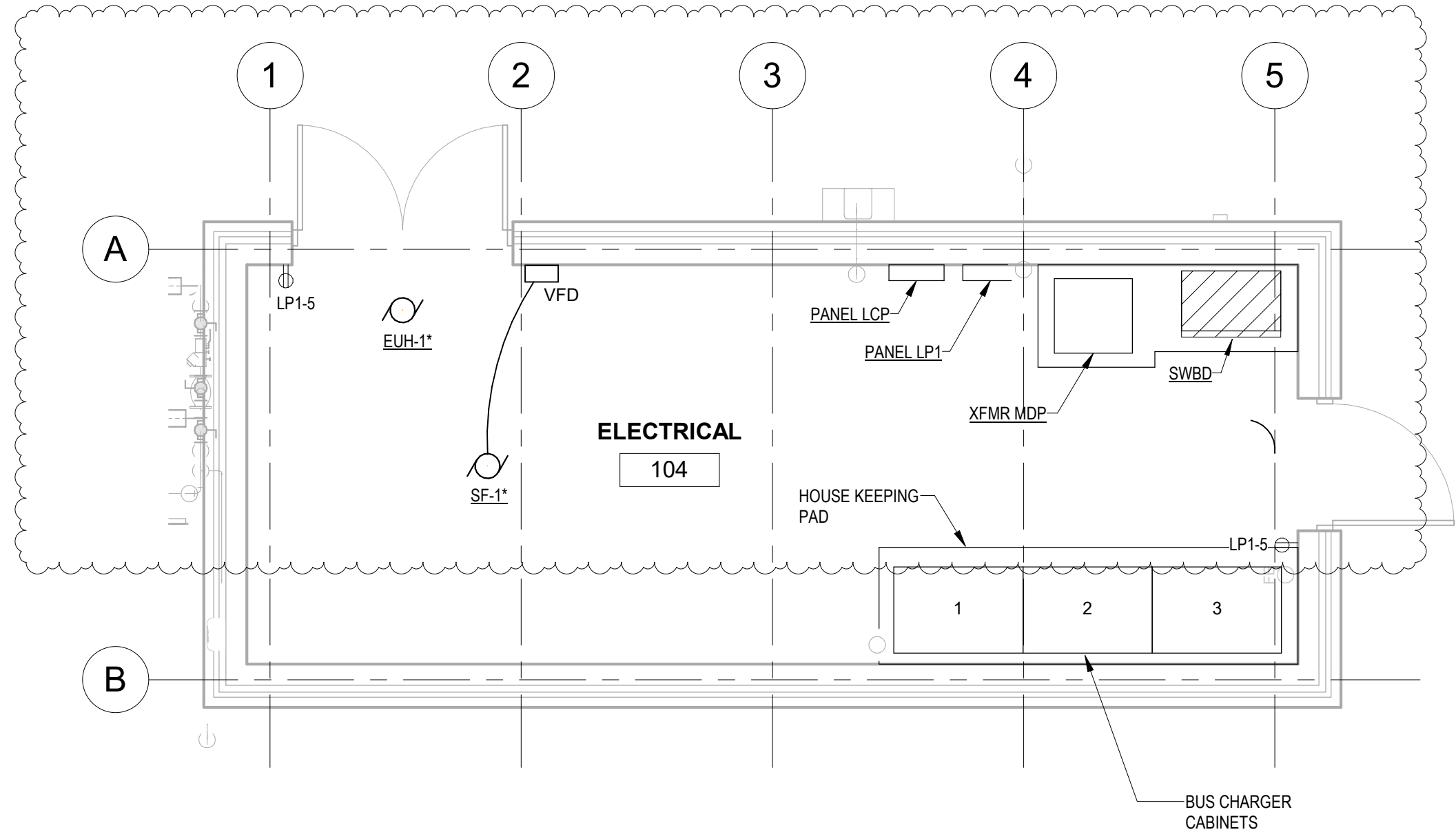
REFER TO ELECTRICAL LEGENDS AND ABBREVIATIONS SHEET FOR GENERAL AND KEYED NOTES.

* REFER TO ELECTRICAL "ME" SCHEDULE FOR ELECTRICAL REQUIREMENTS

REFER TO "PS&E PLAN SET 4" FOR ELECTRICAL ONE-LINE DIAGRAM & DISTRIBUTION EQUIPMENT SCHEDULES

LIGHTING NOTES

REFER TO JUNCTION PARK AND RIDE ELECTRICAL LIGHTING PLAN FOR LIGHTING REQUIREMENTS.



1

SUN PRAIRE PARK AND RIDE - ELECTRICAL POWER PLAN

Scale: 1/4" = 1'-0"

REVISED 05/10/23 RJS

60631225P

SUN PRAIRE PARK AND RIDE - ELECTRICAL POWER PLAN

BUS RAPID TRANSIT
CITY OF MADISON

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



E002

MARK	DESIGNED BY:	DATE:	SCALE:
MARK	DESIGNED BY:	DATE:	SCALE:
PLAN REVISION 4	05/10/23	MCM	
ADDENDUM 1	11/8/22	JAR	
REVISION	DATE	BY	

MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS SCHEDULE																	
EQUIP MRKG	VOLTAGE & PHASE	CIRCUIT NO.	CIRCUIT PROTECTION DEVICE	CIRCUIT SIZE	CONTROLLER DISCONNECT				CONTROLLER				DISCONNECT AT MOTOR			REMARKS (1)	EQUIP MRKG
					TYPE	SIZE	BY	LOCATE	TYPE	SIZE	BY	LOCATE	TYPE	SIZE	BY		
EF-1	120/1	LP1-27	15/1 CB	2#12,#12G, 1/2"C	MMS	-	EC	RM 103	-	-	MC	-	NFDS	-	MC	-	EF-1
EF-2	120/1	LP1-27	15/1 CB	2#12,#12G, 1/2"C	MMS	-	EC	RM 103	-	-	MC	-	NFDS	-	MC	-	EF-2
EF-3	120/1	LP1-27	15/1 CB	2#12,#12G, 1/2"C	MMS	-	EC	RM 103	-	-	MC	-	NFDS	-	MC	-	EF-3
SF-1	480/3	SWBD	15/3 CB	3#12,#12G, 1/2"C	VFD	-	MC	RM 104	VFD	-	MC	AT UNIT	SEE CONTROLLER DISC.			2	SF-1
TWH-1	120/1	LP1-33	40/1 CB	2#8,#10G, 1/2"C	NFDS	60	EC	AT UNIT	-	-	MC	-	SEE CONTROLLER DISC.			-	TWH-1
TWH-2	120/1	LP1-35	40/1 CB	2#8,#10G, 1/2"C	NFDS	60	EC	AT UNIT	-	-	MC	-	SEE CONTROLLER DISC.			-	TWH-2
EWH-1	208/1	LP1-28/30	30/2 CB	2#10,#10G, 1/2"C	CB	30/2	EC	IN PNL	T-STAT	-	MC	-	NFDS	-	MC	-	EWH-1
EWH-2	208/1	LP1-32/34	30/2 CB	2#10,#10G, 1/2"C	CB	30/2	EC	IN PNL	T-STAT	-	MC	-	NFDS	-	MC	-	EWH-2
EWH-3	208/1	LP1-36/38	30/2 CB	2#10,#10G, 1/2"C	CB	30/2	EC	IN PNL	T-STAT	-	MC	-	NFDS	-	MC	-	EWH-3
EUH-1	208/1	LP1-40/42	35/2 CB	2#8,#10G, 1/2"C	CB	35/2	EC	IN PNL	T-STAT	-	MC	-	NFDS	-	MC	-	EUH-1

NOTES:

1. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
2. VARIABLE FREQUENCY DRIVE PROVIDED BY MC, INSTALLED AND WIRED BY DIV. 26. CONFIRM EXACT WIRING REQUIREMENTS PRIOR TO INSTALLATION.
3. SIZE FUSES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.
4. DIV. 26 PROVIDE FUSES FOR ALL FUSED SWITCHES. FUSES TO BE DUAL-ELEMENT TYPE, RATED AS SHOWN, OR IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S RECOMMENDATION. CHECK NAMEPLATE RATINGS OF INSTALLED EQUIPMENT
5. UNLESS NOTED OTHERWISE, CONTROLLERS, AND DISCONNECT SWITCHES NOT FURNISHED BY DIV. 26, TO BE PART OF PREWIRED EQUIPMENT OR CONTROL PANEL AND WILL BE INSTALLED BY THE CONTRACTOR FURNISHING SUCH EQUIPMENT OR PANEL. THE DIV. 26 CONTRACTOR TO MAKE ALL LINE CONNECTIONS AND SUCH CONTROL CONNECTIONS, AS INDICATED BY CONTROL SCHEME.

ABBREVIATIONS

CB	—	CIRCUIT BREAKER
FU	—	FUSE, DUAL-ELEMENT
MCP	—	MOTOR CIRCUIT PROTECTOR
NFDS	—	NON-FUSED DISCONNECT SWITCH
FDS	—	FUSED DISCONNECT SWITCH
MS/CB	—	MAGNETIC STARTER WITH CIRCUIT BREAKER
CS/XXX	—	COMBINATION STARTER WITH FDS, OR MCP AS INDICATED
TC	—	TEMPERATURE CONTROL CONTRACTOR
MCC	—	MOTOR CONTROL CENTER
MSPB	—	MOTOR STARTER PANEL
MMS	—	MANUAL MOTOR STARTER
DIV	—	DIVISION OF SPECIFICATION
FS	—	FUSED SWITCH - BUSSMANN SSB
PE	—	PNEUMATIC/ELECTRIC SWITCH
T-STAT	—	THERMOSTAT
G	—	GROUND
C	—	CONDUIT
VFD	—	VARIABLE FREQUENCY DRIVE
T. SENSOR	—	TEMPERATURE SENSOR
TCP	—	TEMPERATURE CONTROL PANEL

REVISED 05/10/23 RJS

PLAN REVISION 4	05.10.23	MCW
ADDENDUM 1	11.8.22	JAR
REVISION	DATE	BY
MARK	Designed By:	Scale: ---

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

ELECTRICAL ME SCHEDULE

BUS RAPID TRANSIT

CITY OF MADISON



UNIVERSITY AVENUE AT EAST CAMPUS MALL WB/SB				
SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0105	Clearing	STA	4.00
40.01	201.0120	Clearing	ID	23.00
40.01	201.0205	Grubbing	STA	4.00
40.01	201.0220	Grubbing	ID	23.00
40.01	204.0100	Removing Concrete Pavement	SY	520.00
40.01	204.0155	Removing Concrete Sidewalk	SY	280.00
40.02	204.0220	Removing Inlets	EACH	1.00
40.01	205.0100	Excavation Common	CY	160.00
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	130.00
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	50.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	76.00
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	140.00
20.01	305.0130	Base Aggregate Dense 3-Inch	TON	54.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	41.00
10.02	405.0100	Coloring Concrete WisDOT Red	CY	110.00
10.02	415.0110	Concrete Pavement 11-Inch	SY	391.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	467.00
10.02	416.0610	Drilled Tie Bars	EACH	118.00
40.07	416.0610	Drilled Tie Bars	EACH	23.00
10.02	416.0620	Drilled Dowel Bars	EACH	31.00
40.02	520.8000	Concrete Collars for Pipe	EACH	3.00
10.02	601.0205	Concrete Gutter 24-Inch	LF	150.00
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	90.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	3090.00
40.02	611.0633	Inlet Covers Type HM-GJ-S	EACH	1.00
40.02	611.0639	Inlet Covers Type H-S	EACH	1.00
40.02	611.3230	Inlets 2x3-FT	EACH	3.00
40.02	611.8110	Adjusting Manhole Covers	EACH	3.00
40.02	611.8115	Adjusting Inlet Covers	EACH	1.00
40.02	611.9710	Salvaged Inlet Covers	EACH	1.00
10.02	624.0100	Water	MGAL	5.50
40.07	624.0100	Water	MGAL	4.40
40.02	628.7020	Inlet Protection Type D	EACH	5.00
40.02	650.4000	Construction Staking Storm Sewer	EACH	3.00
40.07	650.7000	Construction Staking Concrete Pavement	LF	300.00
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	57.00
20.01	656.0200.315	Electrical Service Meter Breaker Pedestal (East Campus Mall WB)	LS	2.00
20.01	656.0500.301	Electrical Service Breaker Disconnect Box (East Campus Mall WB)	LS	2.00
40.01	690.0250	Sawing Concrete	LF	690.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	120.00
40.06	SPV.0035.003	Red Granite Chips	CY	4.00

PLAN REVISION 4	06/16/23	ALM
PLAN REVISION 3	04/26/23	ALM
ADDENDUM 4	11/29/22	ALM
ADDENDUM 3	11/11/22	ALM
REVISION	DATE	BY
Mark	6/16/23	60631225P

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



UNIVERSITY AVENUE AT EAST CAMPUS MALL WB/SB				
SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	2.00
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1.00
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1.00
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1.00
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1.00
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1.00
20.01	SPV.0060.448	Reinforced Concrete Platform without a Canopy	EACH	1.00
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	8.00
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	14.00
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	12.00
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	4.00
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	6.00
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	12.00
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	8.00
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	12.00
40.02	SPV.0060.606	Storm Sewer Tap	EACH	1.00
40.02	SPV.0060.613	Adjust Water Valve	EACH	1.00
40.02	SPV.0060.619	Adjust Manhole Cover Special	EACH	1.00
40.07	SPV.0090.001	Concrete Curb & Gutter 30-Inch Type A Special	LF	60.00
40.06	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	30.00
40.06	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10.00
40.07	SPV.0090.011	Docking Guide Strip	LF	155.00
40.06	SPV.0090.013	Campus Railing	LF	102.00
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	246.00
40.06	SPV.0090.401	Pedestrian Handrail	LF	36.00
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	75.00
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	290.00

60631225P

PLAN REVISION 4

06/16/23

ALM

PLAN REVISION 3

04/26/23

ALM

REVISION

DATE

BY

Mark

Designed By: AECOM
60631225P

Scale: NTS
6/16/2023

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-38

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx

LAST PLOT DATE - 6/16/2023

FILE NAME

REVISED 4/28/23 DJC

STATION LOCATION: EAST WASHINGTON AVENUE AT BLAIR STREET

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	34
40.01	201.0210	Grubbing	SY	150
40.01	201.0220	Grubbing	ID	34
40.01	204.0100	Removing Concrete Pavement	SY	870
40.01	204.0155	Removing Concrete Sidewalk	SY	49
40.01	204.0195	Removing Concrete Bases	EACH	1
40.01	204.0220	Removing Inlets	EACH	1
40.01	205.0100	Excavation Common	CY	300
40.01	208.0100	Borrow	CY	19
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	110
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	31
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	24
10.02	405.0100	Coloring Concrete WisDOT Red	CY	150
40.07	405.1000	Stamping Colored Concrete	CY	14
10.02	415.0100	Concrete Pavement 10-Inch	SY	400
10.02	415.4100	Concrete Pavement Joint Filling	SY	1030
10.02	416.0610	Drilled Tie Bars	EACH	218
10.02	416.0620	Drilled Dowel Bars	EACH	50
10.02	455.0605	Tack Coat	GAL	1
10.02	460.6223	HMA Pavement 3 MT 58-28 S	TON	3
10.02	460.6224	HMA Pavement 4 MT 58-28 S	TON	3
40.07	601.0205	Concrete Gutter 24-Inch	LF	200
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	28
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	265
40.07	601.0454	Concrete Curb & Gutter Integral 30-Inch Type J	LF	60
40.07	601.0600	Concrete Curb Pedestrian	LF	11
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	440
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	80
40.07	620.0300	Concrete Median Sloped Nose	SF	100
20.01	624.0100	Water	MGAL	3.9
40.06	624.0100	Water	MGAL	0.6
40.07	624.0100	Water	MGAL	2.2
40.06	625.0105	Topsoil	CY	23
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	140
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.1
40.02	628.7015	Inlet Protection Type C	EACH	9
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	3.3

STATION LOCATION: EAST WASHINGTON AVENUE AT BLAIR STREET CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	49
40.07	650.7000	Construction Staking Concrete Pavement	LF	550
40.06	650.9000	Construction Staking Curb Ramps	EACH	4
20.01	652.0615	Conduit Special 3-Inch	LF	73
20.01	656.0200.321	Electrical Service Meter Breaker Pedestal (Blair)	LS	1
20.01	656.0500.307	Electrical Service Breaker Disconnect Box (Blair)	LS	2
40.01	690.0150	Sawing Asphalt	LF	67
40.01	690.0250	Sawing Concrete	LF	620
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.312	Snow Melt System Shelter Type B2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.410	Reinforced Concrete Platform Type B2	EACH	1
20.01	SPV.0060.426	Platform Shelter Type B2	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.14	Trees (New Horizon Elm, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	5
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	5
40.02	SPV.0060.613	Adjust Water Valve	EACH	4
40.02	SPV.0060.623	Remove Irrigation System	EACH	1
40.06	SPV.0085.501	Seeding	LB	2
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	70
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	165
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	270
40.06	SPV.0090.401	Pedestrian Handrail	LF	70
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	460

PLAN REVISION 4	4/28/2023	DJC
PLAN REVISION 3	4/26/2023	ALM
PLAN REVISION 1	2/22/2023	DJC
REVISION	DATE	BY
Mark	4/28/2023	Scale: NTS
Designed By: STRAND	60631225P	

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



60631225P
MQ6-E

STATION LOCATION: WRIGHT STREET AT ANDERSON STREET WB				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	6
40.01	201.0220	Grubbing	ID	6
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	4
40.01	204.0120	Removing Asphaltic Surface Milling	SY	240
40.01	204.0150	Removing Curb & Gutter	LF	250
40.01	204.0155	Removing Concrete Sidewalk	SY	90
40.01	205.0100	Excavation Common	CY	320
40.01	208.0100	Borrow	CY	20
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	100
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	20
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	90
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	62
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	99
10.03	415.0100	Concrete Pavement 10-Inch	SY	140
10.03	415.4100	Concrete Pavement Joint Filling	SY	170
40.07	455.0605	Tack Coat	GAL	32
40.07	460.2000	Incentive Density HMA Pavement	DOL	70
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	92
40.07	601.0205	Concrete Gutter 24-Inch	LF	85
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	23
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	49
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	950
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1230
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	30
10.03	624.0100	Water	MGAL	3
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	0.4
40.07	624.0100	Water	MGAL	4
40.06	625.0105	Topsoil	CY	28
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	170
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.03
40.02	628.7015	Inlet Protection Type C	EACH	7
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	4
40.07	650.5000	Construction Staking Base	LF	250
40.07	650.7000	Construction Staking Concrete Pavement	LF	130
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	193

STATION LOCATION: WRIGHT STREET AT ANDERSON STREET WB CONTINUED				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	652.0615	Conduit Special 3-Inch	LF	69
20.01	656.0500.331	Electrical Service Breaker Disconnect Box (Wright)	LS	2
40.01	690.0150	Sawing Asphalt	LF	280
40.01	690.0250	Sawing Concrete	LF	36
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.304	Snow Melt System Shelter Type A2	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.402	Reinforced Concrete Platform Type A2	EACH	1
20.01	SPV.0060.418	Platform Shelter Type A2	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.02	SPV.0060.609	Relocate Hydrant	EACH	1
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.007	Concrete Curb Extension 24-Inch	LF	10
40.07	SPV.0090.011	Docking Guide Strip	LF	70
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	888
40.06	SPV.0090.401	Pedestrian Handrail	LF	30
20.01	SPV.0105.305	Electrical Service CT Cabinet (Wright)	LS	1
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	140

 REVISED 6/19/23 DJC

PLAN REVISION 4
6/19/2023
DJC

PLAN REVISION 3
4/26/2023
ALM

PLAN REVISION 1
2/22/2023
DJC

ADDENDUM 3
11/14/2022
DJC

REVISION
DATE
BY

4
3
2
1
Mark
Designed By: STRAND
60631225P

Scale: NTS
6/19/2023

MISCELLANEOUS QUANTITIES

60631225P

CITY OF MADISON

BUS RAPID TRANSIT

CITY OF MADISON

CONTRACT NO: 60631225C

CITY OF MADISON
WISCONSIN

60631225P

MQ15-E

FILE NAME
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LAST PLOT DATE - 6/19/2023

STATION LOCATION: WRIGHT STREET AT ANDERSON STREET EB				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	6
40.01	201.0220	Grubbing	ID	6
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	9
40.01	204.0120	Removing Asphaltic Surface Milling	SY	190
40.01	204.0150	Removing Curb & Gutter	LF	180
40.01	204.0155	Removing Concrete Sidewalk	SY	32
40.02	204.0220	Removing Inlets	EACH	2
40.02	204.0245.02	Removing Storm Sewer - 15 inch	LF	15
40.02	204.0245.05	Removing Storm Sewer - 27 inch	LF	150
40.01	205.0100	Excavation Common	CY	270
40.01	208.0100	Borrow	CY	20
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	46
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	59
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	90
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	50
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	99
10.03	415.0100	Concrete Pavement 10-Inch	SY	120
10.03	415.4100	Concrete Pavement Joint Filling	SY	140
10.03	455.0605	Tack Coat	GAL	29
10.03	460.2000	Incentive Density HMA Pavement	DOL	73
40.06	460.2000	Incentive Density HMA Pavement	DOL	22
10.03	460.6224	HMA Pavement 4 MT 58-28 S	TON	91
40.06	460.6224	HMA Pavement 4 MT 58-28 S	TON	28
40.02	520.8000	Concrete Collars for Pipe	EACH	3
40.07	601.0205	Concrete Gutter 24-Inch	LF	70
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	97
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	10
40.07	601.0600	Concrete Curb Pedestrian	LF	20
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	530
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	79
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	10
40.02	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	8
40.02	608.0327	Storm Sewer Pipe Reinforced Concrete Class III 27-Inch	LF	150
40.02	611.2005	Manholes 5-FT Diameter	EACH	1
40.02	611.3230	Inlets 2x3-FT	EACH	1
40.02	611.8110	Adjusting Manhole Covers	EACH	2
40.02	611.8115	Adjusting Inlet Covers	EACH	1
40.02	611.9710	Salvaged Inlet Covers	EACH	2
10.03	624.0100	Water	MGAL	2

STATION LOCATION: WRIGHT STREET AT ANDERSON STREET EB CONTINUED				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	1.2
40.07	624.0100	Water	MGAL	4
40.06	625.0105	Topsoil	CY	32
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	190
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.04
40.02	628.7015	Inlet Protection Type C	EACH	7
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	5
40.07	650.5000	Construction Staking Base	LF	180
40.07	650.7000	Construction Staking Concrete Pavement	LF	80
40.06	650.9000	Construction Staking Curb Ramps	EACH	1
40.01	690.0150	Sawing Asphalt	LF	250
40.01	690.0250	Sawing Concrete	LF	22
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	79
40.06	SPV.0090.401	Pedestrian Handrail	LF	38
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	88
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	170



REVISED 6/19/23 DJC

		6/19/2023	DJC
PLAN REVISION 4			
PLAN REVISION 1		2/22/2023	DJC
ADDENDUM 3		11/11/2022	DJC
REVISION	Mark	DATE	BY
	Designed By: STRAND	Date: 6/19/2023	Scale: NTS
	60631225P		

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ16-E

STATION LOCATION: EAST WASHINGTON AVENUE AT MENDOTA STREET EB				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	42
40.01	201.0220	Grubbing	ID	42
40.01	204.0100	Removing Concrete Pavement	SY	490
40.01	204.0150	Removing Curb & Gutter	LF	30
40.01	204.0155	Removing Concrete Sidewalk	SY	150
40.01	204.0195	Removing Concrete Bases	EACH	1
40.01	204.9090.S.02	Removing Pedestrian Handrail	LF	95
40.01	205.0100	Excavation Common	CY	130
40.01	208.0100	Borrow	CY	48
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	86
10.03	415.0100	Concrete Pavement 10-Inch	SY	280
10.03	415.4100	Concrete Pavement Joint Filling	SY	340
40.07	416.0170	Concrete Driveway 7-Inch	SY	19
10.03	416.0610	Drilled Tie Bars	EACH	114
10.03	416.0620	Drilled Dowel Bars	EACH	47
10.03	455.0605	Tack Coat	GAL	0.4
40.06	460.2000	Incentive Density HMA Pavement	DOL	1
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	14
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	150
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1370
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1750
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	70
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	2
40.06	625.0105	Topsoil	CY	30
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	180
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.04
40.02	628.7015	Inlet Protection Type C	EACH	2
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	4
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	13
40.07	650.7000	Construction Staking Concrete Pavement	LF	300
40.06	650.9000	Construction Staking Curb Ramps	EACH	2
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	99
20.01	656.0200.332	Electrical Service Meter Breaker Pedestal (Mendota EB)	LS	1

STATION LOCATION: EAST WASHINGTON AVENUE AT MENDOTA STREET EB CONTINUED				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	656.0500.333	Electrical Service Breaker Disconnect Box (Mendota EB)	LS	1
40.01	690.0150	Sawing Asphalt	LF	27
40.01	690.0250	Sawing Concrete	LF	375
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
40.06	SPV.0060.005	Coring Existing Sidewalk for New Railing	EACH	20
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.504.13	Trees (Princeton Elm, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	70
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	345
40.06	SPV.0090.401	Pedestrian Handrail	LF	107
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	110



REVISED 6/20/23 DJC

PLAN REVISION 4	DJC
PLAN REVISION 3	ALM
PLAN REVISION 1	DJC
ADDENDUM 4	DJC
REVISION	DJC
Mark	BY
Designed By: STRAND	Date: 6/20/2023
60631225P	Scale: NTS

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ19-E

STATION LOCATION: EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE WB				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	22
40.01	201.0220	Grubbing	ID	22
40.01	204.0100	Removing Concrete Pavement	SY	230
40.01	204.0155	Removing Concrete Sidewalk	SY	97
40.01	204.0195	Removing Concrete Bases	EACH	1
40.02	204.0220	Removing Inlets	EACH	2
40.02	204.0245.01	Removing Storm Sewer - 12 inch or less	LF	45
40.01	205.0100	Excavation Common	CY	120
40.07	209.0300.S	Backfill Course Aggregate Size No. 1	CY	6
40.07	210.1100	Backfill Structure Type A	CY	79
10.03	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	38
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	16
10.03	305.0130	Base Aggregate Dense 3-Inch	TON	42
10.03	405.0100	Coloring Concrete WisDOT Red	CY	43
10.03	415.0100	Concrete Pavement 10-Inch	SY	98
10.03	415.4100	Concrete Pavement Joint Filling	SY	320
10.03	416.0610	Drilled Tie Bars	EACH	87
10.03	416.0620	Drilled Dowel Bars	EACH	21
40.07	455.0605	Tack Coat	GAL	3
40.07	460.2000	Incentive Density HMA Pavement	DOL	6
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	7
40.02	520.8000	Concrete Collars for Pipe	EACH	1
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	21
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	140
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1180
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	95
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	16
40.02	611.3230	Inlets 2x3-FT	EACH	2
40.02	611.9710	Salvaged Inlet Covers	EACH	2
40.02	612.0106	Pipe Underdrain 6-Inch	LF	210
10.03	624.0100	Water	MGAL	2
20.01	624.0100	Water	MGAL	0.3
40.06	624.0100	Water	MGAL	0.4
40.06	625.0105	Topsoil	CY	24
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1

STATION LOCATION: EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE WB CONTINUED				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	140
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.03
40.02	628.7015	Inlet Protection Type C	EACH	5
40.06	629.0210	Fertilizer Type B	CWT	0.1
40.06	630.0500	Seed Water	MGAL	3
40.06	645.0112	Geotextile Type DF Schedule B	SY	120
40.07	650.7000	Construction Staking Concrete Pavement	LF	220
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	93
20.01	656.0200.335	Electrical Service Meter Breaker Pedestal (Portage)	LS	1
20.01	656.0500.334	Electrical Service Breaker Disconnect Box (Portage)	LS	1
40.01	690.0150	Sawing Asphalt	LF	100
40.01	690.0250	Sawing Concrete	LF	270
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	1
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.504.04	Trees (Hackberry, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	3
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	78
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	330
40.05	SPV.0090.402	Railing Steel Special	LF	128
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	70
40.05	SPV.0165.402	Wall Modular Block Gravity Landscape (Portage)	SF	450

REVISED 6/20/23 DJC

	DJC	
PLAN REVISION 4	6/20/2023	
PLAN REVISION 3	4/26/2023	ALM
PLAN REVISION 1	2/22/2023	DJC
REVISION	DATE	BY
Mark	Date:	Scale: NTS
Designed By: STRAND	6/20/2023	
60631225P		

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



60631225P
MQ20-E

STATION LOCATION: EAST WASHINGTON AVENUE AT INDEPENDENCE LANE WB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
20.01	652.0615	Conduit Special 3-Inch	LF	176
20.01	656.0500.335	Electrical Service Breaker Disconnect Box (Independence WB)	LS	1
40.01	690.0150	Sawing Asphalt	LF	15
40.01	690.0250	Sawing Concrete	LF	780
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
20.01	SPV.0060.201	Install Electrical Pull Box Type I	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.504.02	Trees (Autumn Blaze Freeman Maple, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.05	Trees (Kentucky Coffee Tree, B&B, 2-IN)	EACH	2
40.06	SPV.0060.504.06	Trees (Skyline Thornless Honey Locust, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.08	Trees (Swamp White Oak, B&B, 2-IN)	EACH	2
40.06	SPV.0060.504.09	Trees (Chinquapin Oak, B&B, 2-IN)	EACH	2
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	3
40.06	SPV.0060.504.13	Trees (Princeton Elm, B&B, 2-IN)	EACH	2
40.06	SPV.0060.504.15	Trees ('Autumn Brilliance' Apple Serviceberry, B&B, 2-IN)	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.02	SPV.0060.606	Storm Sewer Tap	EACH	3
40.02	SPV.0060.611	Inlet Cover R-1878-B7G	EACH	1
40.02	SPV.0060.613	Adjust Water Valve	EACH	4
40.02	SPV.0060.621	Sewer Cleanout	EACH	1
40.07	SPV.0060.633	Adjust MMSD Special	EACH	1
40.06	SPV.0085.501	Seeding	LB	8
40.07	SPV.0090.003	Concrete Curb & Gutter 24-Inch Type H Special	LF	240
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	80
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	642
40.07	SPV.0090.402	Railing Steel Special	LF	185
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	120
40.02	SPV.0090.612	PVC Pipe 12-inch	LF	23
40.05	SPV.0165.403	Wall Modular Block Gravity Landscape (Independence)	SF	650

REVISÉD 6/20/23 DJC

STATION LOCATION: EAST WASHINGTON AVENUE AT INDEPENDENCE LANE EB

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	15
40.01	201.0220	Grubbing	ID	15
40.01	204.0100	Removing Concrete Pavement	SY	510
40.01	204.0115	Removing Asphaltic Surface Butt Joints	SY	3
40.01	204.0120	Removing Asphaltic Surface Milling	SY	58
40.01	204.0150	Removing Curb & Gutter	LF	47
40.01	204.0155	Removing Concrete Sidewalk	SY	89
40.01	204.0195	Removing Concrete Bases	EACH	2
40.01	205.0100	Excavation Common	CY	120
40.01	208.0100	Borrow	CY	46
40.07	209.0300.S	Backfill Course Aggregate Size No. 1	CY	6
10.02	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	26
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	82
10.02	305.0130	Base Aggregate Dense 3-Inch	TON	10
10.02	405.0100	Coloring Concrete WisDOT Red	CY	47
10.02	415.0100	Concrete Pavement 10-Inch	SY	160
10.02	415.4100	Concrete Pavement Joint Filling	SY	427
10.02	416.0610	Drilled Tie Bars	EACH	117
10.02	416.0620	Drilled Dowel Bars	EACH	49
40.07	455.0605	Tack Coat	GAL	4
40.07	460.2000	Incentive Density HMA Pavement	DOL	7
40.07	460.6223	HMA Pavement 3 MT 58-28 S	TON	1
40.07	460.6224	HMA Pavement 4 MT 58-28 S	TON	7
40.02	520.8000	Concrete Collars for Pipe	EACH	2
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	37
40.07	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	6
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	130
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1510
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1550
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	62
40.02	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	8
40.02	611.3004	Inlets 4-FT Diameter	EACH	1
40.02	611.9710	Salvaged Inlet Covers	EACH	1
40.02	612.0106	Pipe Underdrain 6-Inch	LF	200
10.02	624.0100	Water	MGAL	1
40.06	624.0100	Water	MGAL	2
40.06	625.0105	Topsoil	CY	83
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	500
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.1
40.02	628.7015	Inlet Protection Type C	EACH	5

STATION LOCATION: EAST WASHINGTON AVENUE AT INDEPENDENCE LANE EB CONTINUED

SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.06	629.0210	Fertilizer Type B	CWT	0.3
40.06	630.0500	Seed Water	MGAL	12
40.06	645.0112	Geotextile Type DF Schedule B	SY	110
40.07	650.7000	Construction Staking Concrete Pavement	LF	250
40.06	650.9000	Construction Staking Curb Ramps	EACH	4
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	63
20.01	652.0615	Conduit Special 3-Inch	LF	165
20.01	656.0500.336	Electrical Service Breaker Disconnect Box (Independence EB)	LS	1
40.01	690.0150	Sawing Asphalt	LF	11
40.01	690.0250	Sawing Concrete	LF	400
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
20.01	SPV.0060.201	Install Electrical Pull Box Type I	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.501	Tree Protection	EACH	1
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.02	SPV.0060.606	Storm Sewer Tap	EACH	2
40.02	SPV.0060.611	Inlet Cover R-1878-B7G	EACH	1
40.02	SPV.0060.613	Adjust Water Valve	EACH	1
40.06	SPV.0085.501	Seeding	LB	9
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	83
20.01	SPV.0090.302	Electrical Wire Lighting 4/0 AWG	LF	741
40.06	SPV.0090.401	Pedestrian Handrail	LF	32
40.02	SPV.0090.602	PVC Pipe 8-inch	LF	122
20.01	SPV.0105.306	Electrical Service CT Cabinet (Independence)	LS	1
40.06	SPV.0165.401	Concrete Sloped Walkway	SF	110



REVISED 6/20/23 DJC

PLAN REVISION 4	DJC
PLAN REVISION 3	ALM
PLAN REVISION 1	DJC
ADDENDUM 3	DJC
REVISION	DJC
Mark	BY
Designed By: STRAND	Date: 6/21/2023
60631225P	Scale: NTS

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ23-E

STATION LOCATION: EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE WB				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0120	Clearing	ID	9
40.01	201.0220	Grubbing	ID	9
40.01	204.0100	Removing Concrete Pavement	SY	950
40.01	204.0150	Removing Curb & Gutter	LF	88
40.01	204.0155	Removing Concrete Sidewalk	SY	200
40.01	204.0195	Removing Concrete Bases	EACH	2
40.01	205.0100	Excavation Common	CY	260
40.01	208.0100	Borrow	CY	170
20.01	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	22
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	140
10.02	405.0100	Coloring Concrete WisDOT Red	CY	100
10.02	415.0100	Concrete Pavement 10-Inch	SY	180
10.02	415.4100	Concrete Pavement Joint Filling	SY	550
10.02	416.0610	Drilled Tie Bars	EACH	200
40.07	416.0610	Drilled Tie Bars	EACH	35
10.02	416.0620	Drilled Dowel Bars	EACH	25
40.06	455.0605	Tack Coat	GAL	15
40.06	460.2000	Incentive Density HMA Pavement	DOL	40
40.06	460.5224	HMA Pavement 4 LT 58-28 S	TON	47
40.07	601.0205	Concrete Gutter 24-Inch	LF	75
40.07	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	390
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	870
40.06	602.0420	Concrete Sidewalk 7-Inch	SF	1750
40.06	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	80
20.01	624.0100	Water	MGAL	0.4
40.06	624.0100	Water	MGAL	3
40.06	625.0105	Topsoil	CY	190
40.08	628.1905	Mobilizations Erosion Control	EACH	1
40.08	628.1910	Mobilizations Emergency Erosion Control	EACH	1
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	1150
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.2
40.02	628.7015	Inlet Protection Type C	EACH	2
40.06	629.0210	Fertilizer Type B	CWT	1
40.06	630.0500	Seed Water	MGAL	28
40.07	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	86
40.07	650.7000	Construction Staking Concrete Pavement	LF	510

STATION LOCATION: EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE WB CONTINUED				
SCC CODE	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.07	650.7000	Construction Staking Concrete Pavement	LF	510
40.06	650.9000	Construction Staking Curb Ramps	EACH	4
20.01	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	12
20.01	656.0200.339	Electrical Service Meter Breaker Pedestal (WB E Springs)	LS	1
40.01	690.0250	Sawing Concrete	LF	560
40.06	SPV.0060.001	Construction Staking Sidewalk	EACH	1
40.06	SPV.0060.002	Concrete Curb & Gutter Bike Ramp Special	EACH	1
40.01	SPV.0060.243	Removing Street Lighting Assembly	EACH	2
20.01	SPV.0060.301	Platform Electrical Cabinet	EACH	1
20.01	SPV.0060.302	Platform Communication Cabinet	EACH	1
20.01	SPV.0060.303	Snow Melt System Shelter Type A1	EACH	1
20.01	SPV.0060.316	Shelter Photovoltaic System	EACH	1
20.01	SPV.0060.401	Reinforced Concrete Platform Type A1	EACH	1
20.01	SPV.0060.417	Platform Shelter Type A1	EACH	1
40.06	SPV.0060.504.03	Trees (State Street Miyabe Maple, B&B, 2-IN)	EACH	3
40.06	SPV.0060.504.08	Trees (Swamp White Oak, B&B, 2-IN)	EACH	1
40.06	SPV.0060.504.11	Trees (American Sentry Linden, B&B, 2-IN)	EACH	3
40.06	SPV.0060.507.01	Perennials & Native Grasses (Butterfly Milkweed, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.02	Perennials & Native Grasses (Sand Coreopsis, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.03	Perennials & Native Grasses (Purple Prairie Clover, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.04	Perennials & Native Grasses (Purple Coneflower, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.05	Perennials & Native Grasses (Blazing Star, Potted, 1 GAL)	EACH	7
40.06	SPV.0060.507.08	Perennials & Native Grasses (Black-eyed Susan, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.11	Perennials & Native Grasses (Prairie Dropseed, Potted, 1 GAL)	EACH	2
40.06	SPV.0060.507.12	Perennials & Native Grasses (Canada Anemone, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.13	Perennials & Native Grasses (Sky Blue Aster, Potted, 1 GAL)	EACH	3
40.06	SPV.0060.507.14	Perennials & Native Grasses (Prairie Smoke, Potted, 1 GAL)	EACH	6
40.06	SPV.0060.507.15	Perennials & Native Grasses (June Grass, Potted, 1 GAL)	EACH	4
40.06	SPV.0060.507.16	Perennials & Native Grasses (Jacob's Ladder, Potted, 1 GAL)	EACH	6
40.06	SPV.0085.501	Seeding	LB	21
40.07	SPV.0090.006	Concrete Curb Extension 6-Inch	LF	15
40.07	SPV.0090.011	Docking Guide Strip	LF	85
40.06	SPV.0090.018	Concrete Curb & Gutter 24-Inch Type A	LF	86
20.01	SPV.0090.301	Electrical Wire Lighting 3/0 AWG	LF	87

 REVISED 6/20/23 DJC

PLAN REVISION 4	DJC
PLAN REVISION 3	ALM
PLAN REVISION 1	DJC
ADDENDUM 3	DJC
REVISION	DATE
Mark	BY
Designed By: STRAND	Scale: NTS
60631225P	6/21/2023

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ24-E

SUN PRAIRIE PARK AND RIDE				
SCC Code	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
40.01	201.0105	Clearing	STA	1.00
40.01	201.0120	Clearing	ID	6.00
40.01	201.0205	Grubbing	STA	1.00
40.01	201.0220	Grubbing	ID	6.00
40.01	204.0150	Removing Curb & Gutter	LF	34.00
40.01	204.0155	Removing Concrete Sidewalk	SY	98.00
40.01	205.0100	Excavation Common	CY	56.00
40.06	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	15.00
40.07	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	34.00
40.07	305.0130	Base Aggregate Dense 3-Inch	TON	37.00
40.07	415.0100	Concrete Pavement 10-Inch	SY	91.00
40.07	415.4100	Concrete Pavement Joint Filling	SY	100.00
40.02	520.8000	Concrete Collars for Pipe	EACH	1.00
40.06	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	34.00
40.06	602.0410	Concrete Sidewalk 5-Inch	SF	1200.00
40.02	611.0535	Manhole Covers Type J-Special	EACH	1.00
40.06	624.0100	Water	MGAL	1.70
40.06	625.0100	Topsoil	SY	324.00
40.06	628.2006	Erosion Mat Urban Class I Type A	SY	324.00
40.06	628.6505	Soil Stabilizer Type A	ACRE	0.07
40.06	629.0210	Fertilizer Type B	CWT	0.18
40.06	630.0500	Seed Water	MGAL	7.30
40.07	650.7000	Construction Staking Concrete Pavement	LF	75.00
40.01	690.0150	Sawing Asphalt	LF	97.00
40.07	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	27.00
30.01	SPV.0060.416	Overhead Charger Foundation	EACH	1.00
30.01	SPV.0060.449	Sun Prairie Restroom and Electrical Building	EACH	1.00
40.01	SPV.0060.450	Remove, Salvage, and Reinstall Bike Rack	EACH	5.00
40.02	SPV.0060.610	4' Dia. Sanitary Sewer Access Structure (SAS)	EACH	1.00
40.02	SPV.0060.631	Furnish & Install Insulation	EACH	1.00
40.02	SPV.0060.632	Furnish & Install 2-Inch Service Lateral	EACH	1.00
40.06	SPV.0085.501	Seeding	LB	5.80
40.02	SPV.0090.610	Select Fill for Sanitary Sewer	LF	119.00
40.02	SPV.0090.611	6-Inch Sanitary Sewer Lateral	LF	119.00
20.01	SPV.0105.303	Sun Prairie PNR Site Electrical	LS	1.00
20.01	SPV.0105.308	Sun Prairie PNR Electrical Service	LS	1.00

PLAN REVISION 4
ADDENDUM 4
ADDENDUM 3
REVISION

07/10/23
11/29/22
11/07/23
DATE

ALM
ALM
ALM
BY

Scale: NTS

7/10/2023

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-42

C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx
LAST PLOT DATE - 7/10/2023
FILE NAME

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

PULL BOXES			
		SPV.0060.202	SPV.0060.203
PULL BOX NO.	LOCATION	Install Electrical Pull Box Type III EACH	Install Electrical Pull Box Type V EACH
PB1	0+24, 7' RT		1
PB2	0+07, 51' RT		1
PB3	7+60, 74' LT	1	
PB4	1+69, 95' RT		1
PB5	1+61, 154' RT		1
PB6	10+20, 182' LT	1	
PB7	10+61, 163' LT		1
PB8	10+94, 169' LT		1
PB9	11+02, 162' LT	1	
PB10	13+00, 159' LT	1	
PB11	10+91, 97' LT		1
PB12	0+11, 72' LT		1
PB13	0+12, 33' LT		1
PB14	0+97, 30' LT	1	
TOTAL		5	9

CONCRETE BASES					
		SPV.0060.204	SPV.0060.205	SPV.0060.206	SPV.0060.207
SIGNAL BASE NO.	LOCATION	Concrete Bases Type G EACH	Concrete Bases Type LB-3 EACH	Concrete Bases Type LB-8 EACH	Concrete Bases Type P EACH
CB1	0+21, 31' LT				1
SB1	0+17, 4' RT			1	
SB2	0+58, 8' RT		1		
SB3	0+58, 21' RT	1			
SB4	0+27, 22' RT	1			
SB5	0+04, 32' RT	1			
SB6	1+47, 96' RT			1	
SB7	1+39, 146' RT			1	
SB8	10+17, 168' LT	1			
SB9	10+58, 169' LT			1	
SB10	10+88, 165' LT	1			
SB11	10+88, 103' LT			1	
SB12	0+06, 66' LT			1	
SB13	0+16, 31' LT	1			
SB14	0+29, 31' LT	1			
SB15	0+39, 31' LT			1	
SB16	0+75, 31' LT	1			
TOTAL		8	1	7	1



REVISED 05/18/2023 NS



60631225P
MQ-1S

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

TSI	DATE	BY
05/18/2023		
PLAN REVISION 4	REVISION	DATE
Mark	Designed By: TSI	Scale: NTS
	60631225P	5/18/2023

CONDUIT

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

PULL BOXES

		SPV.0060.202	SPV.0060.203
PULL BOX NO.	LOCATION	Install Electrical Pull Box Type III EACH	Install Electrical Pull Box Type V EACH
PB1	10+61, 62' LT		1
PB2	13+01, 45' LT	1	
PB3	10+60, 3' LT		1
PB4	10+84, 6' LT		1
PB5	10+57, 54' RT		1
PB6	9+59, 54' RT		1
PB7	7+29, 54' RT	1	
PB8	9+57, 4' LT		1
PB9	9+59, 46' LT		1
PB10	9+84, 57' LT		1
PB11	9+97, 96' LT		1
PB12	10+43, 55' LT		1
TOTAL		2	10

CONCRETE BASES

		SPV.0060.204	SPV.0060.206	SPV.0060.207
SIGNAL BASE NO.	LOCATION	Concrete Bases Type G EACH	Concrete Bases Type LB-8 EACH	Concrete Bases Type P EACH
CB1	10+76, 63' LT			1
SB1	10+79, 43' LT	1		
SB2	10+64, 3' RT		1	
SB3	10+62, 55' RT		1	
SB4	10+28, 55' RT	1		
SB5	9+74, 65' RT	1		
SB6	9+66, 57' RT		1	
SB7	9+61, 1' LT		1	
SB8	9+66, 46' LT		1	
SB9	9+93, 80' LT	1		
SB10	10+40, 72' LT		1	
TOTAL		4	6	1



REVISED 05/18/2023 NS

60631225P

CITY OF MADISON

60631225P

MISCELLANEOUS QUANTITIES: SHEBOYGAN AVE AT SEGOE RD

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

MQ-36S

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

60631225P

MQ-36S

CONT'D FROM ABOVE

TRAFFIC SIGNAL FACES SUMMARY

INTERSECTION	SIGNAL HEAD NO.	SIGNAL BASE NO.	SPV.0060.220	SPV.0060.221	SPV.0060.222	SPV.0060.223	SPV.0060.224	SPV.0060.225	SPV.0060.226	SPV.0060.227
			INSTALL	INSTALL	INSTALL	INSTALL	INSTALL TRAFFIC	INSTALL	INSTALL	INSTALL
			TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 4-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 5-SECTION EACH	TRAFFIC SIGNAL HEADS 12-INCH 3-SECTION TRANSIT EACH	SIGNAL HEADS 16-INCH PEDESTRIAN WITH COUNTDOWN EACH	BACKPLATES SIGNAL FACE 3-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 4-SECTION 12-INCH EACH	BACKPLATES SIGNAL FACE 5-SECTION 12-INCH EACH
EAST WASHINGTON AVENUE & MENDOTA STREET	1	SB2	1	--	--	--	--	1	--	--
	2	SB8	1	--	--	--	--	1	--	--
	3	SB8	1	--	--	--	--	1	--	--
	5	SB3	--	1	--	--	--	--	1	--
	6	EXSB7	--	1	--	--	--	--	1	--
	7	SB8	--	1	--	--	--	--	1	--
	9	SB3	1	--	--	--	--	1	--	--
	10	SB3	1	--	--	--	--	1	--	--
	11	SB4	1	--	--	--	--	1	--	--
	12	SB8	--	1	--	--	--	--	1	--
	13	SB2	--	1	--	--	--	--	1	--
	14	SB3	--	1	--	--	--	--	1	--
	16	EXSB5	--	--	1	--	--	--	--	1
	17	EXSB6	--	--	1	--	--	--	--	1
	81	SB2	--	--	--	--	1	--	--	--
	87	SB4	--	--	--	--	1	--	--	--
	88	SB2	--	--	--	--	1	--	--	--
	SUBTOTAL (EAST WASH AVE. & MENDOTA ST.)		6	6	2	--	3	6	6	2
EAST WASHINGTON AVENUE & PORTAGE ROAD	8	SB6	1	--	--	--	--	1	--	--
	86	SB6	--	--	--	--	1	--	--	--
	SUBTOTAL (EAST WASH AVE. & PORTAGE RD.)		1	--	--	--	1	1	--	--
EAST WASHINGTON AVENUE & E SPRINGS DRIVE	7	SB1	1	--	--	--	--	1	--	--
	8	SB1	1	--	--	--	--	1	--	--
	12	EXSB12	1	--	--	--	--	1	--	--
	13	EXSB11	1	--	--	--	--	1	--	--
	16	EXSB13	1	--	--	--	--	1	--	--
	17	EXSB7	1	--	--	--	--	1	--	--
	18	EXSB9	1	--	--	--	--	1	--	--
	19	EXSB11	--	--	--	1	--	1	--	--
	81	EXSB6	--	--	--	--	1	--	--	--
	82	EXSB4	--	--	--	--	1	--	--	--
	83	EXSB3	--	--	--	--	1	--	--	--
	84	SB1	--	--	--	--	1	--	--	--
	85	SB2	--	--	--	--	1	--	--	--
	SUBTOTAL (EAST WASH AVE. & E SPRINGS DR.)		7	--	--	1	5	8	--	--
TOTALS			93	9	7	2	69	95	9	7

Mark	REVISION	DATE	BY
	Designed By: STRAND	Date:	Scale: NTS
	60631225P	4/21/2023	

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



60631225P

MQ-61S

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantiles - Cost_Quantiles\Madison BRT MQ Plan Sheets.pptx

REVISÉ 4/21/2023 KJSW

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

		SPV.0060.202	SPV.0060.203
PULL BOX NO.	LOCATION	Install Electrical Pull Box Type III EACH	Install Electrical Pull Box Type V EACH
PB1	378+13, 43' LT		1
PB2	380+64, 46' LT	1	
PB3	378+09, 11' RT		1
PB4	378+13, 60' RT		1
PB5	377+73, 86' RT		1
PB6	377+25, 89' RT		1
PB7	376+54, 63' RT		1
PB8	373+95, 57' RT	1	
PB9	376+88, 12' RT		1
PB10	376+62, 47' LT		1
PB11	376+98, 76' LT		1
PB12	377+36, 82' LT		1
PB13	377+58, 46' LT		1
TOTAL		2	11

		SPV.0060.204	SPV.0060.206	SPV.0060.207	SPV.0060.245
SIGNAL BASE NO.	LOCATION	Concrete Bases Type G EACH	Concrete Bases Type LB- 8 EACH	Concrete Bases Type P EACH	Concrete Bases Type LB SP EACH
CB1	377+99, 42' LT			1	
SB1	377+84, 43' LT	1			
SB2	377+89, 12' RT		1		
SB3	377+91, 63' RT		1		
SB4	EXISTING		EXISTING		
SB5	377+26, 73' RT		1		
SB6	376+72, 63' RT	1			
SB7	376+85, 9' RT		1		
SB8	376+70, 46' LT		1		
SB9	376+96, 58' LT				1
SB10	377+41, 58' LT		1		
TOTAL		2	6	1	1

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

 REVISED 05/18/2023 NS

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



0631225P

MQ-63S

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT Quantities\Madison BRT MQ Plan Sheets.pptx

PAVEMENT MARKING REMOVALS SHEET 1 OF 5

					SPV.0090.109	SPV.0090.110	SPV.0090.111	SPV.0060.102
					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
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	EACH
			WEST TERMINAL/JUNCTION ROAD	JUNCTION RD	---	---	---	---
64+00MP	-	72+50MP	BELTLINE TO TREE LANE/BIG SKY DRIVE	MINERAL POINT RD	965	---	---	4
72+50MP	-	79+00MP	TREE LANE/BIG SKY DR TO HIGH POINT RD	MINERAL POINT RD	1,727	77	---	---
			HIGH POINT RD (NORTH & SOUTH)	HIGH POINT RD	135	27	---	---
79+00MP	-	84+00MP	HIGH POINT RD TO WESTWARD WAY/GANSER WAY	MINERAL POINT RD	1,208	---	---	---
84+00MP	-	92+00MP	WESTWARD WAY/GANSER WAY TO RANDOLPH/DONOFRIO DR	MINERAL POINT RD	2,266	50	---	---
92+00MP	-	105+00MP	RANDOLPH/DONOFRIO DR TO WESTFIELD ROAD	MINERAL POINT RD	3,974	98	---	---
			WESTFIELD ROAD (NORTH)		---	---	---	---
105+00MP	-	118+00MP	WESTFIELD ROAD TO GAMMON ROAD	MINERAL POINT RD	3,982	83	273	---
			GAMMON ROAD (SOUTH)		185	47	---	---
118+00MP	-	133+50MP	GAMMON ROAD TO GRAND CANYON DR	MINERAL POINT RD	4,220	95	---	4
			GRAND CANYON DR (SOUTH)		143	29	---	---
133+50 MP	-	137+25MP	GRAND CANYON DR TO CORONADO DR	MINERAL POINT RD	1,165	---	---	3
137+25 MP	-	147+00MP	CORONADO DR TO YELLOWSTONE DR	MINERAL POINT RD	2,499	50	---	3
			YELLOWSTONE DR (SOUTH)		109	23	---	---
147+00MP	-	154+45MP	YELLOWSTONE DR TO NAUTILUS DR	MINERAL POINT RD	2,040	49	---	8
154+45MP	-	161+50MP	NAUTILUS DR TO ISLAND DR	MINERAL POINT RD	1,953	33	---	6
			ISLAND DR (NORTH)		---	---	---	---
161+50MP	-	183+25MP	ISLAND DR TO ROSA RD	MINERAL POINT RD	6,389	80	---	15
			ROSA RD (SOUTH)		119	28	---	---
183+25MP	-	200+00MP	ROSA RD TO WHITNEY WAY	MINERAL POINT RD	4,349	46	---	6
200+00MP	-	204+81MP	WHITNEY WAY TO SCIENCE DR	MINERAL POINT RD	---	---	---	---
28+00WW	-	42+00WW	MINERAL POINT RD TO SOUTH HILL DR	WHITNEY WAY	832	---	---	---
42+00WW	-	53+00WW	SOUTH HILL DR TO MARATHON DR	WHITNEY WAY	621	---	---	---
53+00WW	-	60+00WW	MARATHON DR TO REGENT STREET	WHITNEY WAY	499	46	---	---
			REGENT STREET (NORTH & SOUTH)		217	45	---	---
60+00WW	-	67+75WW	REGENT ST TO LANGLOIS ST	WHITNEY WAY	813	47	---	---
67+75WW	-	75+65WW	LANGLOIS ST TO WYNNWOOD WAY	WHITNEY WAY	481	---	---	---
75+65WW	-	82+00WW	WYNNWOOD WAY TO OLD MIDDLETON ROAD	WHITNEY WAY	363	---	---	---
2+00SH	-	11+50SH	WHITNEY WAY TO EAU CLAIRE AVE	SHEBOYGAN AVE	100	22	---	---
SHEET 1 SUBTOTALS:					41,351	975	273	49

	
60631225P	MISCELLANEOUS QUANTITIES
MQ-PMR1	BUS RAPID TRANSIT
	CITY OF MADISON
	CITY OF MADISON, DANE COUNTY, WI
	CONTRACT NO: 60631225C
	60631225P
	BY _____ DATE _____
	REVISION _____
	Mark _____
	Designed By: AECOM 60631225P
	Date: 4/29/2023
	Scale: NTS

PAVEMENT MARKING REMOVALS SHEET 2 OF 5

					SPV.0090.109	SPV.0090.110	SPV.0090.111	SPV.0060.102
					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
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	EACH
SHEET 1 SUBTOTALS:					41,351	975	273	49
11+50SH	-	31+00SH	EAU CLAIRE AVE (NORTH & SOUTH)		185	---	---	---
			EAU CLAIRE AVE TO SEGOE ROAD	SHEBOYGAN AVE	250	23	---	---
			SEGOE ROAD INTERSECTION		254	---	---	---
7+00SE	-	10+00SE	SAWYER RD TO SHEBOYGAN AVE	SEGOE ROAD	---	---	---	---
10+00SE	-	18+00SE	SHEBOYGAN AVE TO UNIVERSITY AVE	SEGOE ROAD	489	42	---	9
300+00UC	-	310+00UC	SEGOE RD TO MAPLE TERRACE/HILLDALE WAY	UNIVERSITY AVE	---	---	---	---
310+00UC	-	316+50UC	MAPLE TERRACE/HILLDALE WAY TO MIDVALE BLVD	UNIVERSITY AVE	873	175	---	---
316+50UC	-	335+00UC	MIDVALE BLVD TO SHOREWOOD BLVD/HILL ST	UNIVERSITY AVE	---	---	---	---
			SHOREWOOD BLVD (NORTH)		---	---	---	---
			HILL STREET (SOUTH)		---	---	---	---
335+00UC	-	361+90UC	SHOREWOOD BLVD/HILL ST TO UNIVERSITY BAY DR/FARLEY AVE	UNIVERSITY AVE	---	---	---	---
361+90UC	-	372+00UC	UNIVERSITY BAY DR TO CAMPUS DR	UNIVERSITY AVE	---	---	---	---
			UNIVERSITY AVE (SOUTH)		---	---	---	---
372+00UC	-	406+00UC	UNIVERSITY DR TO PRINCETON AVE	CAMPUS DR	---	---	---	---
406+00UC	-	422+00UC	PRINCETON AVE TO UNIVERSITY AVE	CAMPUS DR	2,517	62	---	4
797+00UN	-	803+00UN	CAMPUS DR TO BABCOCK DR	UNIVERSITY AVE	---	---	---	---
803+00UN	-	808+00UN	BABCOCK DR TO RANDALL AVE	UNIVERSITY AVE	---	---	---	---
808+00UN	-	812+50UN	RANDALL AVE TO ORCHARD STREET	UNIVERSITY AVE	350	---	---	---
812+50UN	-	816+00UN	ORCHARD ST TO CHARTER ST	UNIVERSITY AVE	104	---	---	---
816+00UN	-	821+00UN	CHARTER ST TO MILLS ST	UNIVERSITY AVE	440	---	---	6
821+00UN	-	826+00UN	MILLS ST TO BROOKS ST	UNIVERSITY AVE	383	---	---	3
826+00UN	-	831+00UN	BROOKS ST TO PARK ST	UNIVERSITY AVE	383	---	---	---
831+00UN	-	835+00UN	PARK ST TO E CAMPUS MALL	UNIVERSITY AVE	323	---	---	---
835+00UN	-	839+00UN	E CAMPUS MALL TO LAKE ST	UNIVERSITY AVE	340	---	---	---
839+00UN	-	844+00UN	LAKE ST TO FRANCES ST/GILMAN ST	UNIVERSITY AVE	356	---	---	---
844+00UN	-	848+00UN	FRANCES ST/GILMAN ST	UNIVERSITY AVE	305	---	---	---
200+00JO	-	205+00JO	UNIVERSITY AVE TO RANDALL AVE	CAMPUS DR	176	---	---	2
205+00JO	-	210+00JO	RANDALL AVE TO ORCHARD STREET	CAMPUS DR	90	---	---	---
210+00JO	-	215+50JO	ORCHARD ST TO CHARTER ST	JOHNSON ST	223	---	---	---
215+50JO	-	219+00JO	CHARTER ST TO MILLS ST	JOHNSON ST	90	---	---	---
SHEET 1-2 SUBTOTALS:					49,479	1,277	273	73

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MISCELLANEOUS QUANTITIES

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BUS RAPID TRANSIT

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CITY OF MADISON

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CITY OF MADISON, DANE COUNTY, WI

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CONTRACT NO: 60631225C

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PAVEMENT MARKING REMOVALS SHEET 4 OF 5

					SPV.0090.109	SPV.0090.110	SPV.0090.111	SPV.0060.102
					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
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	EACH
SHEET 1-3 SUBTOTALS:					56,201	1,705	273	83
249+50WA	-	256+00WA	INGERSOLL ST TO FEW ST	E WASHINGTON AVE	385	---	983	---
			FEW ST (NORTH)		21	---	---	---
256+00WA	-	263+00WA	FEW ST TO BALDWIN ST	E WASHINGTON AVE	288	60	2,250	---
			BALDWIN ST (NORTH & SOUTH)		94	23	---	---
263+00WA	-	269+50WA	BALDWIN ST TO DICKINSON ST	E WASHINGTON AVE	484	123	2,533	3
			DICKINSON ST (NORTH)		---	---	---	---
269+00WA	-	276+00WA	DICKINSON ST TO SPARKLE CT	E WASHINGTON AVE	386	161	1,266	3
276+00WA	-	288+50WA	SPARKLE CT TO FIRST ST	E WASHINGTON AVE	1,305	285	1,266	16
			FIRST ST (NORTH & SOUTH)		433	86	---	---
288+50WA	-	297+00WA	FIRST ST TO SECOND ST	E WASHINGTON AVE	646	65	1,266	2
297+00WA	-	302+00WA	SECOND ST TO THIRD ST	E WASHINGTON AVE	217	---	---	---
			THIRD ST (NORTH)		---	---	---	---
302+00WA	-	308+50WA	THIRD ST TO FOURTH ST	E WASHINGTON AVE	582	57	---	8
			FOURTH ST (NORTH & SOUTH)		160	---	---	---
308+50WA	-	314+00WA	FOURTH ST TO N FIFTH ST	E WASHINGTON AVE	508	36	---	8
			N FIFTH ST (NORTH)		---	---	---	---
314+00WA	-	320+00WA	N FIFTH ST TO SIXTH ST	E WASHINGTON AVE	328	---	---	---
320+00WA	-	329+50WA	SIXTH ST TO NORTH ST/MILWAUKEE ST	E WASHINGTON AVE	1,179	63	---	---
			NORTH ST (NORTH)		145	30	---	---
			MILWAUKEE ST (SOUTH)		180	40	---	---
329+50WA	-	339+00WA	NORTH ST/MILWAUKEE ST TO PAWLING ST	E WASHINGTON AVE	901	57	---	---
339+00WA	-	343+00WA	PAWLING ST TO E JOHNSON ST	E WASHINGTON AVE	232	---	---	---
343+00WA	-	349+00WA	E JOHNSON ST TO N OAK ST	E WASHINGTON AVE	746	---	---	---
			N OAK ST (NORTH)		---	---	---	---
349+00WA	-	353+00WA	N OAK ST TO MARQUETTE ST	E WASHINGTON AVE	692	45	---	---
			MARQUETTE ST (SOUTH)		83	18	---	---
353+00WA	-	364+00WA	MARQUETTE ST TO ABERG AVE SW RAMPS	E WASHINGTON AVE	958	58	---	---
364+00WA	-	371+00WA	ABERG AVE SW RAMPS TO NE ABERG RAMPS	E WASHINGTON AVE	757	---	---	---
371+00WA	-	377+00WA	NE ABERG RAMPS TO MELVIN CT	E WASHINGTON AVE	337	---	---	---
			MELVIN CT/RETHKE CT (NORTH & SOUTH)		184	36	---	---
SHEET 1-4 SUBTOTALS:					68,429	2,948	9,838	123

60631225P

MISCELLANEOUS QUANTITIES

60631225P

CITY OF MADISON

BUS RAPID TRANSIT

CITY OF MADISON

CONTRACT NO: 60631225C

60631225P

MQ-PMR4

04/28/23

PLAN REVISION 4

04/28/23

REVISION

04/28/23

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Scale: NTS

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MQ-PMR4

REVISD 04/28/2023 JBH

SPV.0090.109 SPV.0090.110 SPV.0090.111 SPV.0060.102

60631225P			MISCELLANEOUS QUANTITIES 60631225P	
MQ-PMR5	60631225P		BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI	
	CONTRACT NO: 60631225C		CITY OF MADISON	
	---	Mark	PLAN REVISION 4	JBH
			REVISION	DATE
			Date:	Scale: NTS
			Designed By: AECOM	4/28/2023
			6063 1225p	

PAVEMENT MARKING LINES (A) SHEET 1 OF 7																	
					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)	
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
64+00MP	-	72+50MP	WEST TERMINAL/JUNCTION ROAD	JUNCTION RD	456		---	---	---	64	102	190	---	10	---	---	
			BELTLINE TO TREE LANE/BIG SKY DRIVE	MINERAL POINT RD	---	---	---	---	---	---	---	116	127	---	74	---	113
			TREE LANE/BIG SKY DR TO HIGH POINT RD	MINERAL POINT RD	---	---	---	---	112	---	250	987	150	120	70	---	
72+50MP	-	79+00MP	HIGH POINT RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	
			HIGH POINT RD TO WESTWARD WAY/GANSER WAY	MINERAL POINT RD	---	---	---	---	---	---	187	841	355	66	39	66	
			WESTWARD WAY/GANSER WAY TO RANDOLPH/DONOFRIO DR	MINERAL POINT RD	---	---	---	---	---	---	359	1322	431	152	100	---	
92+00MP	-	105+00MP	RANDOLPH/DONOFRIO DR TO WESTFIELD ROAD	MINERAL POINT RD	---	---	---	---	116	---	554	2324	317	262	172	97	
			WESTFIELD ROAD (NORTH)		---	---	---	---	---	---	---	---	---	---	---	---	
			WESTFIELD ROAD TO GAMMON ROAD	MINERAL POINT RD	---	---	---	---	---	---	565	2588	975	187	123	85	
105+00MP	-	118+00MP	GAMMON ROAD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	
			GAMMON ROAD TO GRAND CANYON DR	MINERAL POINT RD	---	---	---	---	218	---	661	2727	1061	228	131	135	
			GRAND CANYON DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	
133+50 MP	-	137+25MP	GRAND CANYON DR TO CORONADO CT	MINERAL POINT RD	---	---	---	---	---	---	147	734	201	---	---	---	
			CORONADO CT TO YELLOWSTONE DR	MINERAL POINT RD	---	---	---	---	96	---	452	1837	1217	75	50	---	
			YELLOWSTONE DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	
147+00MP	-	154+45MP	YELLOWSTONE DR TO NAUTILUS DR	MINERAL POINT RD	---	---	---	---	---	---	337	1372	436	146	100	77	
			NAUTILUS DR TO ISLAND DR	MINERAL POINT RD	---	---	---	---	113	---	316	1260	422	78	50	---	
			ISLAND DR (NORTH)		---	---	---	---	---	---	---	---	---	---	---	---	
161+50MP	-	183+25MP	ISLAND DR TO ROSA RD	MINERAL POINT RD	---	---	---	---	215	---	1019	4213	1649	341	218	152	
			ROSA RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---	
			SHEET 1 SUBTOTALS:					456		---	---	869	64	5062	20522	7214	1737

REVISED 5/31/23 JAL

60631225P

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

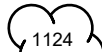
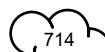
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-PML1

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

REVISED 5/31/23

JAL

60631225P

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-PML2

5/31/23

JAL

DATE

PLAN REVISION 4

REVISION

Scale: NTS

Mark

Designed By: AECOM

60631225P

FILE NAME:

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LAST PLOT DATE:

5/31/2023

<u>646.1020</u>		<u>646.1545</u>		<u>SPV.0090.107</u>		<u>SPV.0090.103</u>				<u>SPV.0090.104</u>		
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)

REVISÉ 5/31/23 JAL

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



60631225P

MQ-PML3

<u>646.1020</u>		<u>646.1545</u>		<u>SPV.0090.107</u>		<u>SPV.0090.103</u>		<u>SPV.0090.104</u>			
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)

SHEET 1-4 SUBTOTALS:

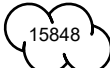
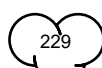
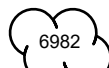
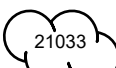
REVISÉD 5/31/23 JAL

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



60631225P
MQ-PML4

PAVEMENT MARKING LINES (A) SHEET 5 OF 7

					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)
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-4 SUBTOTALS:							---		1010	64		34049		2760		1263
207+50WA	-	210+50WA	BUTLER ST TO HANCOCK ST	E WASHINGTON AVE	---	---	---	---	---	---	---	54	---	50	50	---
210+50WA	-	213+00WA	HANCOCK ST TO FRANKLIN ST	E WASHINGTON AVE	---	---	---	---	---	---	---	216	---	70	70	---
213+00WA		216+50WA	FRANKLIN ST TO BLAIR ST	E WASHINGTON AVE	---	---	---	---	---	---	---	469	---	---	---	---
			BLAIR ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
216+50WA	-	223+00WA	BLAIR ST TO BLOUNT ST	E WASHINGTON AVE	---	---	---	84	---	---	---	---	---	---	35	---
223+00WA	-	229+75WA	BLOUNT ST TO LIVINGSTON ST	E WASHINGTON AVE	---	---	---	146	---	---	---	---	---	---	145	---
			LIVINGSTON ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
229+75WA	-	236+50WA	LIVINGSTON ST TO PATERSON ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	377	---	40	---
			PATERSON ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
236+50WA	-	243+00WA	PATERSON ST TO BREARLY ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	179	---	89	---
			BREARLY ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	231	---	---	---
243+00WA	-	249+50WA	BREARLY ST TO INGERSOLL ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	203	---	100	---
249+50WA	-	256+00WA	INGERSOLL ST TO FEW ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	578	---	50	---
			FEW ST (NORTH)		---	---	---	---	---	---	---	---	100	---	---	---
256+00WA	-	263+00WA	FEW ST TO BALDWIN ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	786	---	---	---
			BALDWIN ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
263+00WA	-	269+50WA	BALDWIN ST TO DICKINSON ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	215	---	100	---
			DICKINSON ST (NORTH)		---	---	---	---	---	---	---	---	---	---	---	---
269+00WA	-	276+00WA	DICKINSON ST TO SPARKLE CT	E WASHINGTON AVE	---	---	---	---	---	---	---	---	693	---	48	---
276+00WA	-	288+50WA	SPARKLE CT TO FIRST ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	1823	---	---	---
SHEET 1-5 SUBTOTALS:							---		1010	64		34788		2879		1263

REVISÉ 5/31/23 JAL

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PML5

PAVEMENT MARKING LINES (A) SHEET 6 OF 7

					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)
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-5 SUBTOTALS:							---		1010	64		34788		2879		1263
FIRST ST (NORTH & SOUTH)					---	---	---	---		36	---	---	---	---	---	---
288+50WA	-	297+00WA	FIRST ST TO SECOND ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	466	---	100	---
297+00WA	-	302+00WA	SECOND ST TO THIRD ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	353	---	22	---
THIRD ST (NORTH)					---	---	---	---	---	---	---	---	93	---	---	---
302+00WA	-	308+50WA	THIRD ST TO FOURTH ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	666	---	50	---
FOURTH ST (NORTH & SOUTH)					---	---	---	---	---	---	---	---	---	---	---	---
308+50WA	-	314+00WA	FOURTH ST TO N FIFTH ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	403	---	48	---
N FIFTH ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---	---
314+00WA	-	320+00WA	N FIFTH ST TO SIXTH ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	529	---	56	27
320+00WA	-	329+50WA	SIXTH ST TO NORTH ST/MILWAUKEE ST	E WASHINGTON AVE	---	---	256	65	---	---	---	---	234	---	35	---
NORTH ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---	---
MILWAUKEE ST (SOUTH)					---	---	---	---	---	---	---	---	---	---	---	---
329+50WA	-	339+00WA	NORTH ST/MILWAUKEE ST TO PAWLING ST	E WASHINGTON AVE	---	---	229	62	---	---	---	---	339	---	44	---
339+00WA	-	343+00WA	PAWLING ST TO E JOHNSON ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	50	---	26	---
343+00WA	-	349+00WA	E JOHNSON ST TO N OAK ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	75	---	25	---
N OAK ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---	---
349+00WA	-	353+00WA	N OAK ST TO MARQUETTE ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	20	---
MARQUETTE ST (SOUTH)					---	---	---	---	---	---	---	---	---	---	---	---
353+00WA	-	364+00WA	MARQUETTE ST TO ABERG AVE SW RAMPS	E WASHINGTON AVE	---	---	---	---	106	---	---	---	75	---	104	---
364+00WA	-	371+00WA	ABERG AVE SW RAMPS TO NE ABERG RAMPS	E WASHINGTON AVE	---	---	---	---	68	---	---	---	---	---	---	---
SHEET 1-6 SUBTOTALS:							485			100		34788		2879		1290
REVISED 5/31/23 JAL																

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PML6

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PAVEMENT MARKING LINES (A) SHEET 7 OF 7

					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)
STATION	TO	STATION	LOCATION	ROADWAY	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	---	---	---	---	---	---	---	---	---	---	---	---
20+00AN	-	36+00AN	WRIGHT ST TO STOUGHTON RD	ANDERSON ST	121	702	---	---	---	88	105	300	---	75	---	---
36+00AN	-	39+00AN	STOUGHTON RD TO LEIN RD	ANDERSON ST	---	---	---	---	---	---	---	---	---	---	---	---
501+00ME	-	511+10ME	LEIN RD TO E WASHINGTON AVE	MENDOTA ST	---	480	---	---	---	47	---	---	---	---	---	---
428+00WA	-	443+00WA	MENDOTA ST TO LEIN RD	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---	---
443+00WA	-	455+00WA	LEIN RD TO PORTAGE RD/THEIRER RD	E WASHINGTON AVE	---	---	218	---	---	---	---	---	---	---	---	---
			PORTAGE RD/THEIRER RD (NORTH & SOUTH)		---	---	---	---	17	---	---	---	---	---	---	---
455+00WA	-	470+00WA	PORTAGE RD/THEIRER RD TO CONTINENTAL LN/EAGAN RD	E WASHINGTON AVE	---	---	---	---	---	---	---	---	3653	---	165	---
			CONTINENTAL LN/EAGAN RD		---	---	---	---	---	---	---	---	---	---	---	---
470+00WA	-	478+00WA	CONTINENTAL LN/EAGAN RD TO INDEPENDENCE LN	E WASHINGTON AVE	---	---	---	---	---	---	---	---	1714	---	125	---
			INDEPENDENCE LN		---	---	---	---	---	---	---	---	---	---	---	---
478+00WA	-	487+50WA	INDEPENDENCE LN TO FRONTAGE RD/ZEIER RD	E WASHINGTON AVE	---	---	---	---	---	---	---	---	1950	---	150	---
			FRONTAGE RD/ZEIER RD (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---	---
487+50WA	-	498+00WA	FRONTAGE RD/ZEIER RD TO EAST SPRINGS DR	E WASHINGTON AVE	---	---	---	---	---	---	---	---	2185	---	150	---
SHEET 1-7 SUBTOTALS:					1245	1896	703	414	1317	234	7087	35088	33818	2955	4399	1290
PROJECT UNDISTRIBUTED					62	95	35	21	66	12	354	1754	1691	148	220	65
TRAFFIC CONTROL UNDISTRIBUTED					1896	2400	---	---	---	---	6047	3490	---	875	---	---
PROJECT TOTALS:					7594	---	1173	---	1628	---	13488	---	85791	---	---	---

 REVISED 5/31/23 JAL

Mark	PLAN REVISION 4	5/31/23	JAL
	REVISION	DATE	BY
Designed By: AECOM	Date:	Scale: NTS	
60651223P	5/31/2023		

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



60631225P
MQ-PML7

PAVEMENT MARKING LINE (B) SHEET 1 OF 7

					646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
			WEST TERMINAL/JUNCTION ROAD	JUNCTION RD	---	---	---	366	---	817	201	98	---	1548	---
64+00MP	-	72+50MP	BELTLINE TO TREE LANE/BIG SKY DRIVE	MINERAL POINT RD	---	---	---	---	---	---	---	---	---	---	---
72+50MP	-	79+00MP	TREE LANE/BIG SKY DR TO HIGH POINT RD	MINERAL POINT RD	---	---	---	---	---	---	47	---	---	---	---
			HIGH POINT RD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
79+00MP	-	84+00MP	HIGH POINT RD TO WESTWARD WAY/GANSER WAY	MINERAL POINT RD	---	---	---	---	186	---	43	---	---	---	---
84+00MP	-	92+00MP	WESTWARD WAY/GANSER WAY TO RANDOLPH/DONOFRIO DR	MINERAL POINT RD	---	---	---	---	---	---	46	---	---	---	---
92+00MP	-	105+00MP	RANDOLPH/DONOFRIO DR TO WESTFIELD ROAD	MINERAL POINT RD	---	---	---	---	---	---	93	---	---	---	---
			WESTFIELD ROAD (NORTH)		---	---	---	---	---	---	---	---	---	---	---
105+00MP	-	118+00MP	WESTFIELD ROAD TO GAMMON ROAD	MINERAL POINT RD	---	---	---	---	179	---	90	---	---	---	---
			GAMMON ROAD (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
118+00MP	-	133+50MP	GAMMON ROAD TO GRAND CANYON DR	MINERAL POINT RD	---	---	---	---	---	---	90	---	---	---	---
			GRAND CANYON DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
133+50 MP	-	137+25MP	GRAND CANYON DR TO CORONADO CT	MINERAL POINT RD	---	---	---	---	188	---	44	---	---	---	---
137+25 MP	-	147+00MP	CORONADO CT TO YELLOWSTONE DR	MINERAL POINT RD	---	---	---	---	---	---	46	---	---	---	---
			YELLOWSTONE DR (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
147+00MP	-	154+45MP	YELLOWSTONE DR TO NAUTILUS DR	MINERAL POINT RD	---	---	---	---	---	---	44	---	---	---	---
154+45MP	-	161+50MP	NAUTILUS DR TO ISLAND DR	MINERAL POINT RD	---	---	---	---	185	---	44	---	---	---	---
			ISLAND DR (NORTH)		---	---	---	---	---	---	---	---	---	---	---
161+50MP	-	183+25MP	ISLAND DR TO ROSA RD	MINERAL POINT RD	---	---	---	---	191	---	88	---	---	---	---
			ROSA RD (SOUTH)		---	---	---	---	---	293	27	---	---	---	---
SHEET 1 SUBTOTALS:					---	---	---	366	929	1111	903	98	---	1548	---

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PML8

PAVEMENT MARKING LINE (B) SHEET 2 OF 7

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

REVISED 04/28/2023 JBH

60631225P		MISCELLANEOUS QUANTITIES	60631225P				
MQ-PML9		BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI				
		CITY OF MADISON	CONTRACT NO: 60631225C				
				Mark	PLAN REVISION 4	JBH	BY
				Designed By: AECOM 60631225P	Date: 4/25/2023		Scale: N/T/S

PAVEMENT MARKING LINE (B) SHEET 3 OF 7

					646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-2 SUBTOTALS:					---	---	---	366	1113	8441	1609	 147	67	1548	---
335+00UC	-	363+00UC	SHOREWOOD BLVD/HILL ST TO UNIVERSITY BAY DR/FARLEY AVE	UNIVERSITY AVE	---	---	---	---	---	77	11	---	---	---	---
363+00UC	-	372+00UC	UNIVERSITY BAY DR TO CAMPUS DR	UNIVERSITY AVE	---	---	---	---	---	---	12	---	---	---	---
			UNIVERSITY AVE (SOUTH)		---	---	---	---	---	---	---	---	---	---	---
372+00UC	-	406+00UC	UNIVERSITY DR TO PRINCETON AVE	CAMPUS DR	---	---	---	---	---	---	---	---	---	---	---
406+00UC	-	420+25UC	PRINCETON AVE TO UNIVERSITY AVE	CAMPUS DR	---	---	---	---	---	---	38	---	---	---	---
797+00UN	-	802+85UN	CAMPUS DR TO BABCOCK DR	UNIVERSITY AVE	---	---	---	---	---	---	---	---	---	---	---
802+85UN	-	808+00UN	BABCOCK DR TO RANDALL AVE	UNIVERSITY AVE	 ---	---	---	---	---	---	---	---	---	---	---
808+00UN	-	812+50UN	RANDALL AVE TO ORCHARD STREET	UNIVERSITY AVE	353	---	---	---	---	---	---	---	---	---	---
812+50UN	-	816+00UN	ORCHARD ST TO CHARTER ST	UNIVERSITY AVE	236	---	---	---	---	---	10	---	---	---	---
816+00UN	-	821+00UN	CHARTER ST TO MILLS ST	UNIVERSITY AVE	241	50	---	---	---	---	---	---	---	---	---
821+00UN	-	826+00UN	MILLS ST TO BROOKS ST	UNIVERSITY AVE	387	---	---	---	---	---	---	---	---	---	---
826+00UN	-	831+00UN	BROOKS ST TO PARK ST	UNIVERSITY AVE	387	---	---	---	---	---	---	---	---	---	---
831+00UN	-	835+00UN	PARK ST TO E CAMPUS MALL	UNIVERSITY AVE	190	35	---	26	---	---	---	---	---	---	---
835+00UN	-	839+00UN	E CAMPUS MALL TO LAKE ST	UNIVERSITY AVE	348	---	---	13	---	---	11	---	---	---	---
839+00UN	-	844+00UN	LAKE ST TO FRANCES ST/GILMAN ST	UNIVERSITY AVE	158	50	---	---	---	---	---	---	---	---	---
844+00UN	-	848+00UN	FRANCES ST/GILMAN ST TO BASSETT ST	UNIVERSITY AVE	139	42	---	---	---	---	---	---	---	---	---
200+00JO	-	205+00JO	UNIVERSITY AVE TO RANDALL AVE	CAMPUS DR	539	 ---	---	---	---	---	---	---	---	---	---
205+00JO	-	210+00JO	RANDALL AVE TO ORCHARD STREET	CAMPUS DR	252	---	---	36	---	---	19	---	---	---	---
210+00JO	-	214+50JO	ORCHARD ST TO CHARTER ST	JOHNSON ST	 177	47	---	---	---	---	---	---	---	---	---
214+50JO	-	219+00JO	CHARTER ST TO MILLS ST	JOHNSON ST	158	50	---	---	---	---	---	---	---	---	---
SHEET 1-3 SUBTOTALS:					 3565	273	---	441	1113	8519	1710	 147	67	1548	---

REVISÉD 04/28/2023 JBH

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PML10

PAVEMENT MARKING LINE (B) SHEET 4 OF 7

					646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-3 SUBTOTALS:					3565	273	---	441	1113	8519	1710	147	67	1548	---
219+00JO	-	223+00JO	MILLS ST TO BROOKS ST	JOHNSON ST	80	69	---	---	---	---	---	---	---	---	---
223+00JO	-	228+00JO	BROOKS ST TO PARK ST	JOHNSON ST	75	68	---	---	---	---	---	---	---	---	---
228+00JO	-	232+00JO	PARK ST TO E CAMPUS MALL	JOHNSON ST	342	---	---	---	---	---	---	---	---	---	---
232+00JO	-	236+50JO	E CAMPUS MALL TO LAKE ST	JOHNSON ST	194	45	---	---	---	---	---	---	---	---	---
236+05JO	-	241+00JO	LAKE ST TO FRANCES ST	JOHNSON ST	141	50	---	---	---	---	---	---	---	---	---
241+00JO	-	247+50JO	FRANCES ST TO BASSETT ST	JOHNSON ST	129	222	---	---	---	---	---	---	---	---	---
247+50JO	-	254+00JO	BASSETT ST TO BROOM ST	JOHNSON ST	589	---	---	---	---	---	---	---	---	---	---
254+00JO	-	261+00JO	BROOM ST TO STATE ST	JOHNSON ST	583	---	---	---	---	---	---	---	---	---	---
			WEST TO EAST		---	---	---	---	---	---	---	---	---	---	---
301+00ST	-	306+00ST	W GORHAM ST TO W JOHNSON ST	STATE ST	---	---	---	---	---	---	---	---	---	---	---
306+00ST	-	315+50ST	W JOHNSON ST TO W MIFFLIN ST/N CARROL ST	STATE ST	---	---	---	---	---	129	11	---	---	---	---
400+00SQN	-	404+00SQN	STATE ST TO WISCONSIN AVE	MIFFLIN ST	---	---	---	---	---	---	---	---	---	---	---
404+00SQN	-	408+10SQN	WISCONSIN AVE TO N HAMILTON ST	MIFFLIN ST	---	---	---	---	---	---	14	---	---	---	---
408+10SQN	-	412+10SQN	N HAMILTON ST TO E WASHINGTON AVE	PINCKNEY ST	---	---	---	---	---	---	---	---	---	---	---
412+10SQN	-	416+20SQN	E WASHINGTON AVE TO KING ST	PINCKNEY ST	---	---	---	---	---	---	---	---	---	---	---
500+SQS	-	504+00SQS	STATE ST TO W. WASHINGTON AVE	CARROLL ST	---	---	---	---	---	---	---	---	---	---	---
504+00SQS	-	508+10SQS	W WASHINGTON AVE TO S HAMILTON ST	CARROLL ST	---	---	---	---	---	---	---	---	---	---	---
508+10SQS	-	512+00SQS	S HAMILTON ST TO MARTIN LUTHER KING JR BLVD	W MAIN ST	---	---	---	---	---	---	---	---	---	---	---
512+00SQS	-	516+20SQS	MARTIN LUTHER KING JR BLVD TO KING ST	E MAIN ST	---	---	---	---	---	---	---	---	---	---	---
201+00WA	-	207+50WA	PINCKNEY ST TO BUTLER ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---
SHEET 1-4 SUBTOTALS:					5698	726	---	441	1113	8647	1735	147	67	1548	---

REVISÉD 04/28/2023 JBH

PAVEMENT MARKING LINE (B) SHEET 5 OF 7															
					646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-4 SUBTOTALS:					5698	726	---	441	1113	8647	1735	147	67	1548	---
207+50WA	-	210+50WA	BUTLER ST TO HANCOCK ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---
210+50WA	-	213+00WA	HANCOCK ST TO FRANKLIN ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---
213+00WA		216+50WA	FRANKLIN ST TO BLAIR ST	E WASHINGTON AVE	---	---	---	---	---	463	38	---	---	---	---
			BLAIR ST (NORTH & SOUTH)		---	---	---	---	---	710	79	---	---	---	---
216+50WA	-	223+00WA	BLAIR ST TO BLOUNT ST	E WASHINGTON AVE	1029	57	---	---	---	---	---	---	---	---	---
223+00WA	-	229+75WA	BLOUNT ST TO LIVINGSTON ST	E WASHINGTON AVE	753	221	---	---	---	247	56	---	---	---	---
			LIVINGSTON ST (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---
229+75WA	-	236+50WA	LIVINGSTON ST TO PATERSON ST	E WASHINGTON AVE	1176	62	---	---	---	705	102	---	---	---	---
			PATERSON ST (NORTH & SOUTH)		---	---	---	---	---	417	44	---	---	---	---
236+50WA	-	243+00WA	PATERSON ST TO BREARLY ST	E WASHINGTON AVE	891	134	---	---	---	978	55	---	---	---	---
			BREARLY ST (NORTH & SOUTH)		231	---	---	---	---	---	---	---	---	---	---
243+00WA	-	249+50WA	BREARLY ST TO INGERSOLL ST	E WASHINGTON AVE	873	150	---	---	---	468	---	---	---	---	---
249+50WA	-	256+00WA	INGERSOLL ST TO FEW ST	E WASHINGTON AVE	1053	78	---	---	---	335	---	---	---	---	---
			FEW ST (NORTH)		100	---	---	---	---	---	---	---	---	---	---
256+00WA	-	263+00WA	FEW ST TO BALDWIN ST	E WASHINGTON AVE	1147	---	---	---	---	788	47	---	---	---	---
			BALDWIN ST (NORTH & SOUTH)		---	---	---	---	---	417	38	---	---	---	---
263+00WA	-	269+50WA	BALDWIN ST TO DICKINSON ST	E WASHINGTON AVE	976	145	---	---	---	952	53	---	---	---	---
			DICKINSON ST (NORTH)		---	---	---	---	---	---	---	---	---	---	---
269+00WA	-	276+00WA	DICKINSON ST TO SPARKLE CT	E WASHINGTON AVE	1070	74	---	---	---	484	---	---	---	---	---
276+00WA	-	288+50WA	SPARKLE CT TO FIRST ST	E WASHINGTON AVE	2993	---	---	---	---	541	62	---	---	---	---
SHEET 1-5 SUBTOTALS:					17990	1646	---	441	1113	16153	2309	147	67	1548	---
REVISED 04/28/2023 JH															

REVISED 04/28/2023 JBH

60631225P

MISCELLANEOUS QUANTITIES

60631225P

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

MQ-PML12

PLAN REVISION 4

REVISION

Mark

Designed By: AECOM

06031225P

DATE

04/28/23

BY

JBH

Scale: NTS

Date: 4/25/2023

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LAST PLOT DATE - 4/25/2023

FILE NAME:

PAVEMENT MARKING LINE (B) SHEET 6 OF 7

					646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18- INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8- INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-5 SUBTOTALS:					17990	1646	---	441	1113	16153	2309	147	67	1548	---
FIRST ST (NORTH & SOUTH)					---	---	---	---	---	839	87	---	---	---	---
288+50WA	-	297+00WA	FIRST ST TO SECOND ST	E WASHINGTON AVE	1331	202	---	---	---	530	59	---	---	---	---
297+00WA	-	302+00WA	SECOND ST TO THIRD ST	E WASHINGTON AVE	799	173	---	---	---	---	---	---	---	---	---
THIRD ST (NORTH)					93	---	---	---	---	---	---	---	---	---	---
302+00WA	-	308+50WA	THIRD ST TO FOURTH ST	E WASHINGTON AVE	1063	75	---	---	---	458	53	---	---	---	---
FOURTH ST (NORTH & SOUTH)					---	---	---	---	---	350	---	---	---	---	---
308+50WA	-	314+00WA	FOURTH ST TO N FIFTH ST	E WASHINGTON AVE	1009	68	---	---	---	458	50	---	---	---	---
N FIFTH ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
314+00WA	-	320+00WA	N FIFTH ST TO SIXTH ST	E WASHINGTON AVE	872	76	---	---	---	---	---	---	---	---	---
320+00WA	-	329+50WA	SIXTH ST TO NORTH ST/MILWAUKEE ST	E WASHINGTON AVE	1282	160	---	---	---	505	60	---	---	---	---
NORTH ST (NORTH)					---	---	---	---	---	278	25	---	---	---	---
MILWAUKEE ST (SOUTH)					---	---	---	---	---	355	35	---	---	---	---
329+50WA	-	339+00WA	NORTH ST/MILWAUKEE ST TO PAWLING ST	E WASHINGTON AVE	1532	149	---	---	---	474	53	---	---	---	---
339+00WA	-	343+00WA	PAWLING ST TO E JOHNSON ST	E WASHINGTON AVE	570	95	---	---	---	---	---	---	---	---	---
343+00WA	-	349+00WA	E JOHNSON ST TO N OAK ST	E WASHINGTON AVE	959	115	---	---	---	587	---	---	---	---	---
N OAK ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
349+00WA	-	353+00WA	N OAK ST TO MARQUETTE ST	E WASHINGTON AVE	573	43	---	---	---	1133	49	---	---	---	---
MARQUETTE ST (SOUTH)					---	---	---	---	---	232	16	---	---	---	---
353+00WA	-	364+00WA	MARQUETTE ST TO ABERG AVE SW RAMPS	E WASHINGTON AVE	1382	211	---	---	---	592	54	---	---	---	---
364+00WA	-	371+00WA	ABERG AVE SW RAMPS TO NE ABERG RAMPS	E WASHINGTON AVE	1380	114	---	---	---	---	---	---	---	---	---
SHEET 1-6 SUBTOTALS:					30835	3127	---	441	1113	22943	2850	147	67	1548	---
REVISED 04/28/2023 JBL															

	60631225P	60631225P			
	MISCELLANEOUS QUANTITIES				
	BUS RAPID TRANSIT				
	CITY OF MADISON	CONTRACT NO: 60631225C			
	Mark	PLAN REVISION 4	JBH	04/28/23	
	Designed By: AECOM 60631225P	REVISION	DATE	BY	
			Scale: NTS		

PAVEMENT MARKING LINE (B) SHEET 7 OF 7

					646.3545	646.7420	646.7405	SPV.0090.101	SPV.0090.102	SPV.0090.105	SPV.0090.106	646.8320	SPV.0090.112		
					MARKING LINE GROOVED WET REF CONTRAST EPOXY 8- INCH (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (2' LINE 6' GAP) (WHITE)	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8- INCH (5' LINE 5' GAP) (WHITE)	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH (WHITE)	PAVEMENT MARKING EPOXY CONTINENTAL CROSSWALK 18-INCH (WHITE)	PAVEMENT MARKING EPOXY STOP LINE 24- INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 4-INCH (WHITE)	PAVEMENT MARKING EPOXY DIAGONAL LINE 8-INCH (WHITE)	MARKING PARKING STALL EPOXY (WHITE)	MARKING LINE SPECIAL EPOXY 8- INCH (18" LINE 17" GAP) (WHITE)
STATION	TO	STATION	LOCATION	ROADWAY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
SHEET 1-6 SUBTOTALS:					30835	3127	---	441	1113	22943	2850	147	67	1548	---
371+00WA	-	377+00WA	NE ABERG RAMPS TO MELVIN CT	E WASHINGTON AVE	970	---	---	---	---	422	41	---	---	---	---
			MELVIN CT (NORTH & SOUTH)		---	---	---	---	---	427	32	---	---	---	---
377+00WA	-	398+00WA	MELVIN CT TO N FAIR OAKS AVE	E WASHINGTON AVE	2314	262	88	---	---	891	94	---	---	---	---
			N FAIR OAKS AVE		---	---	---	---	---	566	38	---	---	---	---
398+00WA	-	404+00WA	WRIGHT ST TO REINDAHL AVE	E WASHINGTON AVE	611	74	---	---	---	---	---	---	---	---	---
10+00WR	-	13+00WR	E WASHINGTON AVE TO CARPENTER ST	WRIGHT ST	---	---	---	---	---	602	45	---	---	---	---
13+00WR	-	36+00WR	CARPENTER ST TO ANDERSON ST	WRIGHT ST	---	---	---	---	---	---	---	---	---	---	---
20+00AN	-	36+00AN	WRIGHT ST TO STOUGHTON RD	ANDERSON ST	---	---	---	---	---	36	36	---	---	---	---
36+00AN	-	39+00AN	STOUGHTON RD TO LEIN RD	ANDERSON ST	---	---	---	109	---	---	---	---	---	---	---
501+00ME	-	511+10ME	LEIN RD TO E WASHINGTON AVE	MENDOTA ST	---	---	---	---	---	468	32	---	---	---	---
428+00WA	-	443+00WA	MENDOTA ST TO LEIN RD	E WASHINGTON AVE	---	88	---	---	---	891	99	---	---	---	---
443+00WA	-	455+00WA	LEIN RD TO PORTAGE RD/THEIRER RD	E WASHINGTON AVE	---	---	---	---	---	556	57	---	---	---	---
			PORTAGE RD/THEIRER RD (NORTH & SOUTH)		---	---	---	---	---	613	68	---	---	---	---
455+00WA	-	470+00WA	PORTAGE RD/THEIRER RD TO CONTINENTAL LN/EAGAN RD	E WASHINGTON AVE	4244	204	---	---	---	600	61	---	---	---	23
			CONTINENTAL LN/EAGAN RD		---	---	---	---	---	---	---	---	---	---	---
470+00WA	-	478+00WA	CONTINENTAL LN/EAGAN RD TO INDEPENDENCE LN	E WASHINGTON AVE	2124	125	---	---	---	309	67	---	---	---	---
			INDEPENDENCE LN		---	---	---	---	---	510	37	---	---	---	---
478+00WA	-	487+50WA	INDEPENDENCE LN TO FRONTAGE RD/ZEIER RD	E WASHINGTON AVE	2413	150	---	---	---	355	62	---	---	---	---
			FRONTAGE RD/ZEIER RD (NORTH & SOUTH)		---	---	---	---	---	---	---	---	---	---	---
487+50WA	-	498+00WA	FRONTAGE RD/ZEIER RD TO EAST SPRINGS DR	E WASHINGTON AVE	2845	150	---	80	---	505	47	---	---	---	---
SHEET 1-7 SUBTOTALS:					46356	4179	88	630	1113	30694	3666	147	67	1548	23
PROJECT UNDISTRIBUTED					2318	209	4	32	56	1535	183	7	3	77	1
TRAFFIC CONTROL UNDISTRIBUTED					---	---	---	---	---	---	247	---	---	---	---
PROJECT TOTALS:					48674	4387	92	662	1169	32229	4097	154	70	1625	24
						53154		662	1169	32229	4097	154	70	1625	24

REVISED 04/28/2023 JBH

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PML14

PLAN REVISION 4

REVISION

Date: 4/25/2023

Scale: NTS

Mark

Designed By: AECOM

60631225P

JBH

DATE

BY

FILE NAME:

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LAST PLOT DATE: 4/25/2023

646.5020 646.5120 646.5220 SPV.0060.101 646.5320 646.6220 646.8120 646.8220 SPV.0165.101 SPV.0165.102 SPV.0090.108

MARKING ARROW EPOXY (WHITE)	MARKING EPOXY (WHITE)	WORD EPOXY (WHITE)	MARKING SYMBOL LANE (WHITE)	DROP ARROW (WHITE)	MARKING RAILROAD CROSSING EPOXY (WHITE)	MARKING YIELD LINE EPOXY 18- INCH (WHITE)	MARKING CURB EPOXY (YELLOW)	MARKING ISLAND NOSE EPOXY (YELLOW)	METHYL METHACRYLATE (RED)	PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROREFLECTIVE LINE
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[illegible]

SHEET 1 SUBTOTALS:



6

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60

7

64815

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—

REVISÉD 04/28/2023 JBH

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PM1S

PAVEMENT MARKING SPECIAL SHEET 3 OF 7

646.5020

646.5120

646.5220

SPV.0060.101

646.5320

646.6220

646.8120646.8220

SPV.0165.101

SPV.0165.102

SPV.0090.108

MARKING ARROW
EPOXY (WHITE)

MARKING WORD
EPOXY (WHITE)

MARKING SYMBOL
EPOXY (WHITE)

LANE DROP ARROW
(WHITE)

MARKING RAILROAD
CROSSING EPOXY
(WHITE)

MARKING YIELD LINE
EPOXY 18-INCH
(WHITE)

MARKING CURB E
(YELLOW)

MARKING ISLAND NOSE
EPOXY (YELLOW)

METHYL
METHACRYLATE
(RED)

SKID/SLIP RESISTANT
PREFORMED
THERMOPLASTIC
PAVEMENT MARKING,
BIKE LANE GREEN

SKID/SLIP RESISTANT
PREFORMED
THERMOPLASTIC
PAVEMENT MARKING,
6-INCH WHITE
RETROFLECTIVE LINE

[illegible]

SHEET 1-3 SUBTOTALS:

197

306

8

— — —

13

241

21

4 98101

869

107

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PM3S

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PAVEMENT MARKING SPECIAL SHEET 4 OF 7															
					<u>646.5020</u>	<u>646.5120</u>	<u>646.5220</u>	<u>SPV.0060.101</u>	<u>646.5320</u>	<u>646.6220</u>	<u>646.8120</u>	<u>646.8220</u>	<u>SPV.0165.101</u>	<u>SPV.0165.102</u>	<u>SPV.0090.108</u>
					MARKING ARROW EPOXY (WHITE)	MARKING WORD EPOXY (WHITE)	MARKING SYMBOL EPOXY (WHITE)	LANE DROP ARROW (WHITE)	MARKING RAILROAD CROSSING EPOXY (WHITE)	MARKING YIELD LINE EPOXY 18-INCH (WHITE)	MARKING CURB EPOXY (YELLOW)	MARKING ISLAND NOSE EPOXY (YELLOW)	METHYL METHACRYLATE (RED)	SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE
STATION	TO	STATION	LOCATION	ROADWAY	EACH	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF

SHEET 1-3 SUBTOTALS:					197	306	8	---	---	13	241	21	98101	869	107
219+00JO	-	223+00JO	MILLS ST TO BROOKS ST	JOHNSON ST	---	2	---	---	---	---	---	---	594	---	---
223+00JO	-	228+00JO	BROOKS ST TO PARK ST	JOHNSON ST	3	1	---	---	---	---	---	---	---	---	---
228+00JO	-	232+00JO	PARK ST TO E CAMPUS MALL	JOHNSON ST	---	4	---	---	---	---	---	---	1188	---	---
232+00JO	-	236+50JO	E CAMPUS MALL TO LAKE ST	JOHNSON ST	3	3	---	---	---	---	---	---	---	---	---
236+05JO	-	241+00JO	LAKE ST TO FRANCES ST	JOHNSON ST	3	3	---	---	---	---	---	---	594	---	---
241+00JO	-	247+50JO	FRANCES ST TO BASSETT ST	JOHNSON ST	3	3	---	---	---	---	---	---	594	---	---
247+50JO	-	254+00JO	BASSETT ST TO BROOM ST	JOHNSON ST	---	2	---	---	---	---	---	---	594	---	---
254+00JO	-	261+00JO	BROOM ST TO STATE ST	JOHNSON ST	---	2	---	---	---	---	---	---	---	---	---
301+00ST	-	306+00ST	W GORHAM ST TO W JOHNSON ST	STATE ST	---	---	---	---	---	---	---	---	---	---	---
306+00ST	-	315+50ST	W JOHNSON ST TO W MIFFLIN ST/N CARROL ST	STATE ST	---	---	---	---	---	---	---	---	---	---	---
400+00SQN	-	404+00SQN	STATE ST TO WISCONSIN AVE	MIFFLIN ST	---	4	2	---	---	---	---	---	1752	---	---
404+00SQN	-	408+10SQN	WISCONSIN AVE TO N HAMILTON ST	MIFFLIN ST	1	2	1	---	---	---	---	---	864	---	---
408+10SQN	-	412+10SQN	N HAMILTON ST TO E WASHINGTON AVE	PINCKNEY ST	1	4	2	---	---	---	---	---	1728	---	---
412+10SQN	-	416+20SQN	E WASHINGTON AVE TO KING ST	PINCKNEY ST	1	5	2	---	---	---	---	---	1728	---	---
500+SQS	-	504+00SQS	STATE ST TO W. WASHINGTON AVE	CARROLL ST	1	4	2	---	---	---	---	---	1728	---	---
504+00SQS	-	508+10SQS	W WASHINGTON AVE TO S HAMILTON ST	CARROLL ST	1	4	2	---	---	---	---	---	1728	---	---
508+10SQS	-	512+00SQS	S HAMILTON ST TO MARTIN LUTHER KING JR BLVD	W MAIN ST	---	2	1	---	---	---	---	---	864	---	---
512+00SQS	-	516+20SQS	MARTIN LUTHER KING JR BLVD TO KING ST	E MAIN ST	1	4	2	---	---	---	---	---	1728	---	---
201+00WA	-	207+50WA	PINCKNEY ST TO BUTLER ST	E WASHINGTON AVE	---	---	---	---	---	---	---	---	---	---	---

SHEET 1-4 SUBTOTALS:					215	355	22	---	---	13	241	21	113785	869	107
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60631225P

MISCELLANEOUS QUANTITIES

60631225P

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PM4S

04/28/23

DATE

04/28/23

DATE

5/10/2023

Scale: NTS

Mark

Designed By: AECOM

60631225P

REVISION

PLAN REVISION 4

BY

JBH

CONTRACT NO: 60631225C

REVISED 04/28/2023 JBH

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LAST PLOT DATE - 5/10/2023

FILE NAME:

SPV.0090.108

SKID/SLIP RESISTANT
PREFORMED
THERMOPLASTIC
PAVEMENT MARKING,
6-INCH WHITE
RETROFLECTIVE LINE

A diagram of a closed chain with 10 links. The first link is labeled 268, the fifth link is labeled 465, and the tenth link is labeled 22.

148405

REVISÉD 04/28/2023 JBH

CONTRACT NO: 60631225C

CITY OF MADISON



MQ-PM5S

PAVEMENT MARKING SPECIAL SHEET 6 OF 7

					646.5020	646.5120	646.5220	SPV.0060.101	646.5320	646.6220	646.8120	646.8220	SPV.0165.101	SPV.0165.102	SPV.0090.108
					MARKING ARROW EPOXY (WHITE)	MARKING WORD EPOXY (WHITE)	MARKING SYMBOL EPOXY (WHITE)	LANE DROP ARROW (WHITE)	MARKING RAILROAD CROSSING EPOXY (WHITE)	MARKING YIELD LINE EPOXY 18-INCH (WHITE)	MARKING CURB EPOXY (YELLOW)	MARKING ISLAND NOSE EPOXY (YELLOW)	METHYL METHACRYLATE (RED)	SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, BIKE LANE GREEN	SKID/SLIP RESISITANT PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6-INCH WHITE RETROFLECTIVE LINE
STATION	TO	STATION	LOCATION	ROADWAY	EACH	EACH	EACH	EACH	EACH	EACH	LF	EACH	SF	SF	LF
SHEET 1-5 SUBTOTALS:					268	465	22	---	16	13	281	25	148405	869	107
FIRST ST (NORTH & SOUTH)					---	---	---	---	---	---	---	---	---	---	---
288+50WA	-	297+00WA	FIRST ST TO SECOND ST	E WASHINGTON AVE	8	10	---	---	---	---	---	---	4826	---	---
297+00WA	-	302+00WA	SECOND ST TO THIRD ST	E WASHINGTON AVE	4	6	---	---	---	---	---	---	2768	---	---
THIRD ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
302+00WA	-	308+50WA	THIRD ST TO FOURTH ST	E WASHINGTON AVE	4	7	---	---	---	---	---	---	2516	---	---
FOURTH ST (NORTH & SOUTH)					---	---	---	---	---	---	---	---	---	---	---
308+50WA	-	314+00WA	FOURTH ST TO N FIFTH ST	E WASHINGTON AVE	3	9	---	---	---	---	20	1	2169	---	---
N FIFTH ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
314+00WA	-	320+00WA	N FIFTH ST TO SIXTH ST	E WASHINGTON AVE	4	5	---	---	---	---	---	---	1988	---	---
320+00WA	-	329+50WA	SIXTH ST TO NORTH ST/MILWAUKEE ST	E WASHINGTON AVE	8	10	---	---	---	---	10	1	2287	---	---
NORTH ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
MILWAUKEE ST (SOUTH)					---	---	---	---	---	---	---	---	---	160	64
329+50WA	-	339+00WA	NORTH ST/MILWAUKEE ST TO PAWLING ST	E WASHINGTON AVE	6	11	---	---	---	---	10	1	2574	---	---
339+00WA	-	343+00WA	PAWLING ST TO E JOHNSON ST	E WASHINGTON AVE	4	4	---	---	---	---	---	---	1178	---	---
343+00WA	-	349+00WA	E JOHNSON ST TO N OAK ST	E WASHINGTON AVE	8	8	2	---	---	---	---	---	2485	---	---
N OAK ST (NORTH)					---	---	---	---	---	---	---	---	---	---	---
349+00WA	-	353+00WA	N OAK ST TO MARQUETTE ST	E WASHINGTON AVE	2	6	---	---	---	---	11	1	1355	---	---
MARQUETTE ST (SOUTH)					---	---	---	---	---	---	---	---	---	---	---
353+00WA	-	364+00WA	MARQUETTE ST TO ABERG AVE SW RAMPS	E WASHINGTON AVE	4	9	---	2	---	---	---	---	2035	---	---
364+00WA	-	371+00WA	ABERG AVE SW RAMPS TO NE ABERG RAMPS	E WASHINGTON AVE	4	12	---	---	---	---	---	---	---	---	---
SHEET 1-6 SUBTOTALS:					327	562	24	2	16	13	332	29	174586	1029	171

REVISED 04/28/2023 JB

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

SPV.0090.108

SKID/SLIP RESISTANT
PREFORMED
THERMOPLASTIC
PAVEMENT MARKING,
6-INCH WHITE
RETROFLECTIVE LINE

171

689

34

— — —

724

REVISED 04/28/2023 JBH

MQ-PM7S

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities\Madison BRT MQ Plan Sheets.pptx

SIGNING REMOVALS SHEET 1 OF 18

		638.2102	638.2602	638.3000	638.3100	638.4000		
		REMOVING						
		MOVING	REMOVING	REMOVING	STRUCTURAL	MOVING	SIGN	
SIGN	SIGN	SIGNS	SIGNS	SMALL SIGN	STEEL SIGN	SMALL SIGN	MOUNTED	
#	CODE	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	
		EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
1WR-01	R4-7	---	1	1	---	---	---	KEEP RIGHT
1WR-02	R4-7	---	---	---	---	---	1WR-01	KEEP RIGHT
1WR-03	R6-2L	---	1	1	---	---	---	ONE WAY LEFT ARROW
1WM-01	R7-1D	1	---	---	---	1	---	NO PARKING ANY TIME (DOUBLE ARROW)
1WR-04	D1-63	---	1	2	---	---	---	ADVANCED CROSSROAD NAME SIGN (NEXT INTERSECTION)
1WM-02	R7-1D	1	---	---	---	1	---	NO PARKING ANY TIME (DOUBLE ARROW)
3WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
3WR-02	R3-5R	---	1	---	1	---	3WM-01	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
3WM-01	R7-66	1	---	---	---	---	3WR-02	MUNICIPAL PARKING REGULATIONS...
3WR-03	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
3WR-04	R2-1	---	1	1	---	---	---	SPEED LIMIT 35 MPH
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
3WR-05	RESTRICTED RIGHT LANE	---	---	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
3WM-02	M1-94H	1	---	---	---	---	3WM-03	CROSS ROAD NAME FOR OVERHEAD STREET S HIGH POINT RD OH
3WR-06	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
3WR-07	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
3WM-03	D3-1	1	---	---	---	---	3WM-02	S HIGH POINT RD & MINERAL POINT RD SMALL ST SIGNS
3WM-04	D3-1	1	---	---	---	---	3WM-05	S HIGH POINT RD & MINERAL POINT RD SMALL ST SIGNS
3WM-05	M1-94H	1	---	---	---	---	3WM-04	CROSS ROAD NAME FOR OVERHEAD STREET S HIGH POINT RD OH
4WR-01	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
4WR-02	R2-1	---	1	---	---	---	---	SPEED LIMIT 35 MPH
4WM-01	D1-1	1	---	---	---	2	---	ONE DESTINATION (ARROW)
4WR-03	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
4WR-04	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
4WR-05	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
4WM-02	M1-94H	1	---	---	---	---	4WM-03	CROSS ROAD NAME FOR OVERHEAD STREET RANDOLPH DR RT ARROW OH
4WM-03	M1-94H	1	---	---	---	---	4WM-02	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW RANDOLPH DR OH
4WM-04	D3-1	1	---	---	---	---	4WR-07	RANDOLPH DR & MINERAL POINT RD & DONOFRIO DR SMALL ST SIGNS
4WM-05	M1-94H	1	---	---	---	---	4WM-06	CROSS ROAD NAME FOR OVERHEAD STREET DONOFRIO DR RT ARROW OH

SHEET 1 SUBTOTALS:

REVISÉ 6/29/23 JAL

SIGNING REMOVALS SHEET 2 OF 18

		638.2102	638.2602	638.3000	638.3100	638.4000		
		REMOVING						
		MOVING	REMOVING	REMOVING	STRUCTURAL	MOVING	SIGN	
SIGN	SIGN	SIGNS	SIGNS	SMALL SIGN	STEEL SIGN	SMALL SIGN	MOUNTED	
#	CODE	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	REMARKS
		EACH	EACH	EACH	EACH	EACH	POST AS	
SHEET 1 SUBTOTALS:		12	16	10	1	4	---	
4WM-06	M1-94H	1	---	---	---	---	4WM-05	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW DONOFRIO DR OH
4WR-06	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
4WR-07	R3-4	---	1	---	---	---	4WM-04	NO U TURN SYMBOL
4WR-08	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
5WR-01	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
5WR-02	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
5WM-01	M1-94H	1	---	---	---	---	5WR-03	CROSS ROAD NAME FOR OVERHEAD STREET S WESTFIELD RD RT ARROW OH
5WR-03	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
5WR-04	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
5WM-02	D3-1	1	---	---	---	---	5WR-04	MINERAL POINT RD & LT ARROW WESTFILED RD SMALL ST SIGNS
5WR-05	W12-1D	---	1	---	---	---	---	DOUBLE DOWN ARROW
5WM-03	M1-94H	1	---	---	---	---	5WR-06	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW S WESTFIELD RD OH
5WR-06	RESTRICTED RIGHT LANE	---	1	---	---	---	5WM-03	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
5WR-07	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
6WR-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 35 MPH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
6WR-02	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
6WR-03	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
6WR-04	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
6WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET S GAMMON RD OH
6WR-05	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
6WR-06	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
6WR-07	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
6WM-02	D3-1	1	---	---	---	---	---	S GAMMON RD & MINERAL POINT RD SMALL ST SIGNS
6WM-03	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
7WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH & R7-1D
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION

SHEET 2 SUBTOTALS:	20	38	19	1	4
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REVISÉ 4/27/23 JAL



467713909

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

0631225P

MQ-SR2

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT Quantities - Cost_Madison BRT MQ Plan Sheets.pptx

SIGNING REMOVALS SHEET 3 OF 18

		638.2102	638.2602	638.3000	638.3100	638.4000		
		REMOVING						
SIGN #	SIGN CODE	MOVING	REMOVING	REMOVING	STRUCTURAL	MOVING	SIGN	REMARKS
		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	
SHEET 2 SUBTOTALS:		20	38	19	1	4		
7WM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET S GAMMON RD OH
7WR-01	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
7WR-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
8WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	8WM-02	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
8WM-01	D3-1	1	---	---	---	---	8WR-02	GRAND CANYON DR & MINERAL POINT RD SMALL ST SIGNS
8WM-02	M1-94H	1	---	---	---	---	8WR-01	CROSS ROAD NAME FOR OVERHEAD STREET S GRAND CANYON DR OH
8WM-03	M1-94H	1	---	---	---	---	8WR-03	CROSS ROAD NAME FOR OVERHEAD STREET S GRAND CANYON DR OH
8WR-02	R3-4	---	1	---	---	---	8WM-01	NO U TURN SYMBOL
8WR-03	RESTRICTED RIGHT LANE	---	1	---	---	---	8WM-03	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
8WR-04	R7-1D	---	1	1	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
8WR-05	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
9WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
9WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
9WR-02	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
9WR-03	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
9WR-04	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
10WR-01	R2-1	---	1	---	---	---	---	SPEED LIMIT 35 MPH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
10WR-02	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
10WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET ISLAND DR RT ARROW OH
10WR-03	R3-4	---	1	---	---	---	10WM-03	NO U TURN SYMBOL
10WM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW ISLAND DR OH
10WM-03	D3-1	1	---	---	---	---	10WR-03	ISLAND DR & MINERAL POINT RD SMALL ST SIGNS
10WR-04	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY

REVISED 4/27/23 JAL

60631225P

MISCELLANEOUS QUANTITIES

60631225P

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

MQ-SR3

PLAN REVISION 4

4/27/23

JAL

BY

REVISION

DATE

Scale: NTS

Mark

Designed By: AECOM

60631225P

CONTRACT NO: 60631225C

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities - Cost Quantities\Madison BRT MQ Plan Sheets.pptx

LAST PLOT DATE - 5/9/2023

SIGNING REMOVALS SHEET 4 OF 18

		638.2102	638.2602	638.3000	638.3100	638.4000		
		REMOVING						
SIGN	SIGN	MOVING	REMOVING	REMOVING	STRUCTURAL	MOVING	SIGN	
#	CODE	SIGNS	SIGNS	SMALL SIGN	STEEL SIGN	SMALL SIGN	MOUNTED	
		TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	REMARKS
		EACH	EACH	EACH	EACH	EACH	POST AS	
SHEET 3 SUBTOTALS:		28	60	28	1	4	---	
10WR-05	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
11WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	11WM-01	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
11WM-01	M1-94H	1	---	---	---	---	11WR-01	CROSS ROAD NAME FOR OVERHEAD STREETS ROSA RD OH
11WR-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
12WR-01	RESTRICTED RIGHT LANE	---	1	---	---	---	12WM-01	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
12WM-01	M1-94H	1	---	---	---	---	12WR-01	CROSS ROAD NAME FOR OVERHEAD STREET S ROSA RD OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
12WR-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
13WR-01	RESTRICTED LANE DIAMOND	---	1	---	---	---	---	RESTRICTED LANE DIAMOND ENDS
13WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
13WM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
13WR-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
13WR-03	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
13WM-03	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET S WHITNEY WAY OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
13WR-04	RESTRICTED RT LANE DIAMOND	---	1	---	---	---	---	RESTRICTED RIGHT LANE DIAMOND BUSES BIKES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
13WR-05	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
13WR-06	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
13WR-07	RESTRICTED RT LANE DIAMOND	---	1	---	---	---	---	RESTRICTED RIGHT LANE DIAMOND BUSES BIKES AND RIGHT TURNS ONLY
15WM-01	D1-1	1	---	---	---	2	---	ONE DESTINATION (ARROW)
15WR-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 25 MPH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
15WR-02	R2-1	---	1	1	---	---	---	SPEED LIMIT 25 MPH
15WR-03	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
15WM-04	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET REGENT STREET OH
15WM-03	D3-1	1	---	---	---	---	---	REGENT STREET & S WHITNEY WAY SMALL ST SIGNS

SHEET 4 SUBTOTALS:	36	82	36	1	6
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REVISÉ 4/27/23 JAL



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

60631225P

MQ-SR4

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT Quantities\Madison BRT MQ Plan Sheets.pptx

SIGNING REMOVALS SHEET 5 OF 18

		638.2102	638.2602	638.3000	638.3100	638.4000		
		REMOVING						
		MOVING SIGNS	REMOVING SIGNS	REMOVING SMALL SIGN	STRUCTURAL STEEL SIGN	MOVING SMALL SIGN	SIGN MOUNTED	
SIGN #	SIGN CODE	TYPE II EACH	TYPE II EACH	SUPPORTS EACH	SUPPORTS EACH	SUPPORTS EACH	ON/SAME POST AS	REMARKS
SHEET 4 SUBTOTALS:		36	82	36	1	6		
15WR-04	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
15WM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET REGENT STREET OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
17WM-01	D3-1	1	---	---	---	1	---	SHEBOYGAN AVE & N WHITNEY WAY SMALL ST SIGNS
17WR-01	W11-2	---	1	1	---	---	---	PEDESTRIAN CROSSING SYMBOL
17WR-01	W16-7L	---	---	---	---	---	17WR-01	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
17WR-02	W11-2	---	1	1	---	---	---	PEDESTRIAN CROSSING SYMBOL
17WR-02	W16-7R	---	---	---	---	---	17WR-02	RIGHT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
17WR-03	W11-2	---	---	---	---	---	17WR-02	PEDESTRIAN CROSSING SYMBOL
17WR-03	W16-7R	---	---	---	---	---	17WR-02	RIGHT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
17WR-04	W11-2	---	1	1	---	---	---	PEDESTRIAN CROSSING SYMBOL
17WR-04	W16-7L	---	---	---	---	---	17WR-04	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
17WR-05	R1-1	---	1	1	---	---	---	STOP SIGN
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
17WR-06	R7-7R	---	1	1	---	---	---	NO PARKING BUS STOP (RIGHT ARROW)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
19WR-01	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM TO 6PM
19WR-02	R7-51L	---	1	1	---	---	---	NO PARKING HERE TO CORNER (LEFT ARROW)
19WR-03	R7-5R	---	---	---	---	---	19WR-02	2 HOUR PARKING 8AM TO 6PM
19WM-01	R7-1R	1	---	---	---	1	---	NO PARKING ANY TIME (RIGHT ARROW)
19WM-02	D3-1	2	---	---	---	1	---	N SEGOE RD & SHEBOYGAN AVE SMALL ST SIGNS
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
19WR-04	R1-1	---	1	---	---	---	---	STOP SIGN
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION

SHEET 5 SUBTOTALS

8.2102

638.2602

638.3000

638.3100

REMOVING

638.4000

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

REVISÉD 4/27/23 JAL



60631225P

CITY OF MADISON, DANE COUNTY, WI
 COUNTY CLERK, REGISTRAR OF DEEDS

BOOK NO.: 000101

MISCELLANEOUS QUANTITIES

BUS KAF ID TRANSIT

GIFT OF MADISON

0631225P

MQ-SR5

FILE NAME: C:\OneDrive\AECOM\City of Madison BRT Quantities\Cost_Madison BRT MQ Plan Sheets.pptx

SIGNING REMOVALS SHEET 6 OF 18

		638.2102	638.2602	638.3000	638.3100	638.4000		
		REMOVING						
		MOVING	REMOVING	REMOVING	STRUCTURAL	MOVING	SIGN	
SIGN	SIGN	SIGNS	SIGNS	SMALL SIGN	STEEL SIGN	SMALL SIGN	MOUNTED	
#	CODE	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	REMARKS
		EACH	EACH	EACH	EACH	EACH	POST AS	
SHEET 5 SUBTOTALS:		41	103	51	1	9		
20WR-01	R3-7R	---	1	1	---	---	---	RIGHT LANE MUST TURN RIGHT
21WM-01	R2-1	1	---	---	---	---	---	SPEED LIMIT 35 MPH
21WM-06	R2-1	1	---	---	---	1	---	SPEED LIMIT 35 MPH
21WR-01	W12-1D	---	1	1	---	---	---	DOUBLE DOWN ARROW
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
21WM-02	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW N MIDVALE BLVD
21WR-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
21WR-03	R4-7	1	---	---	---	---	---	KEEP RIGHT
21WR-03	R4-7	1	---	---	---	---	---	KEEP RIGHT
21WR-03	R4-7	1	---	---	---	---	---	KEEP RIGHT
21WM-05	NO STOP/STAND/PARK	1	1	1	---	---	---	NO STOP/STAND/PARK
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
24WR-01	R1-1F	---	1	---	---	---	---	STOP SIGN (FOLDING)
24WR-01	R1-1F	---	1	---	---	---	---	STOP SIGN (FOLDING)
24WR-02	R5-1	---	1	---	---	---	---	DO NOT ENTER
25WR-01	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
25WM-01	D3-1	1	---	---	---	1	---	FARLEY AVE & UNIVERSITY AVE
25WR-02	R4-7	---	1	1	---	---	---	KEEP RIGHT
25WM-02	M1-94H	1	---	---	---	1	---	CROSS ROAD NAME FOR OVERHEAD STREET
25WM-03	M1-94H	---	---	---	---	---	25WM-02	CROSS ROAD NAME FOR OVERHEAD STREET

SHEET 6 SUBTOTALS:

50

121

57

1

12



REVISÉ 4/27/23 JAL



60631225P

MQ-SR6

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

[illegible]

SIGNING REMOVALS SHEET 7 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	
SIGN	SIGN	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	
#	CODE	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 6 SUBTOTALS:		50	121	57	1	12		
25WR-03	R3-17(MOD)	---	1	1	---	---	---	BIKE LANE AHEAD W/ BIKE RIDER SYMBOL
25WR-04	R3-17(MOD)	---	---	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
25WR-05	R1-1F	---	1	---	---	---	---	STOP SIGN (FOLDING)
25WR-06	R5-1A	---	1	---	---	---	---	WRONG WAY
25WM-05	NO STOP/STAND/PARK	1	---	---	---	---	---	NO STOP/STAND/PARK
25WR-07	R3-20L	---	1	1	---	---	---	BEGIN LEFT TURN LANE WITH DOWN RIGHT ARROW
25WR-08	R3-8	---	1	---	---	---	---	VARIOUS ONLYS
25WR-09	R7-2R	---	1	1	---	---	---	NO PARKING TIME TO TIME (RIGHT ARROW)
25WM-07	NO STOP/STAND/PARK	1	---	---	---	---	---	NO STOP/STAND/PARK
28WR-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 30 MPH
28WM-01	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
29WM-01	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
30WR-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 25 MPH
30WR-02	R2-1	---	1	---	---	---	---	SPEED LIMIT 25 MPH
30WR-03	R1-5R	---	1	1	---	---	---	YIELD HERE (RIGHT ARROW) TO (PED SYMBOL)
30WR-03	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
30WR-03	R7-1D	---	1	1	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
31WR-01	RESTRICTED CURB LANE	---	1	1	---	---	---	RESTRICTED CURB LANE BUSES AND BICYCLES ONLY
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
32WR-01	R5-1	---	1	1	---	---	---	DO NOT ENTER
32WR-02	R1-1	---	---	---	---	---	32WR-01	STOP SIGN
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
32WM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET EAST CAMPUS MALL OH
32WR-03	R7-1D	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)

SHEET 7 SUBTOTALS:

53

145

72

1

12

REVISÉ 4/27/23 JAL



467713909

CITY OF MADISON, DANE COUNTY, WI
 CONFIDENTIAL - 2022/2023

CONTRACT NO: 606312250

MISCELLANEOUS QUANTITIES

BUS KAF ID TRANSIT

CITY OF MADISON



0631225P

MQ-SR7

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT Quantities - Cost_Quantities\Madison BRT MQ Plan Sheets.pptx
LAST PLOT DATE: 5/10/2023

[illegible]

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



60631225P
MQ-SR8

 REVISED 4/27/23 JAL

SIGNING REMOVALS SHEET 9 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
SIGN	SIGN	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME
#	CODE	EACH	EACH	EACH	EACH	EACH	POST AS
REMARKS							
SHEET 8 SUBTOTALS: 60 166 79 2 16							
4ER-04	R6-2L	---	1	---	---	---	---
BUS	METRO SIGN	---	1	1	---	---	---
4ER-05	R3-18	---	1	---	---	---	4ER-03
4EM-01	D3-1	2	---	---	---	---	BLAIR ST / E WASHINGTON AVE SMALL ST SIGNS
4EM-02	M1-94H	1	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW USH 151/S BLAIR ST OH
4ER-06	R3-4	---	1	---	---	---	NO U TURN SYMBOL
4ER-07	R10-10L	---	1	---	---	---	LEFT TURN SIGNAL
4ER-08	R4-7	---	1	1	---	---	KEEP RIGHT
4ER-09	W12-1D	---	1	1	---	---	DOUBLE DOWN ARROW
4ER-10	R10-11B	---	1	---	---	---	NO TURN ON RED
4ER-12	R3-53L	---	1	---	---	---	LEFT TURN ONLY
4ER-11	R3-18	---	1	---	---	---	NO LEFT / U-TURN SYMBOL
BUS	METRO SIGN	---	1	---	---	---	METRO ROUTE INFORMATION
4ER-13	R10-10L	---	1	---	---	---	LEFT TURN SIGNAL
4EM-04	D1-70	1	---	---	---	---	ENTRANCE DIRECTION SIGN (ONE ARROW)
4EM-03	D1-70	1	---	---	---	---	ENTRANCE DIRECTION SIGN (ONE ARROW)
4ER-14	R7-5D	---	1	1	---	---	2 HOUR PARKING 8AM-6PM
4ER-14	NO STOP/STAND/PARK	---	---	---	---	---	4ER-14 NO STOP/STAND/PARK
4ER-15	R7-5L	---	1	1	---	---	2 HOUR PARKING 8AM-6PM
4ER-15	NO STOP/STAND/PARK	---	---	---	---	---	4ER-15 NO STOP/STAND/PARK
4ER-16	R7-5D	---	1	1	---	---	2 HOUR PARKING 8AM-6PM
4ER-16	NO STOP/STAND/PARK	---	---	---	---	---	4ER-16 NO STOP/STAND/PARK
4ER-17	R7-7L	---	---	---	---	---	NO PARKING BUS STOP (LEFT ARROW)
5ER-01	R7-7L	---	1	1	---	---	NO PARKING BUS STOP (LEFT ARROW)
5ER-02	R7-5D	---	1	1	---	---	2 HOUR PARKING 8AM-6PM
5ER-02	NO STOP/STAND/PARK	---	---	---	---	---	5ER-02 NO STOP/STAND/PARK
5ER-03	R7-5D	---	1	1	---	---	2 HOUR PARKING 8AM-6PM
5ER-03	NO STOP/STAND/PARK	---	---	---	---	---	5ER-03 NO STOP/STAND/PARK
5ER-04	R7-5R	---	1	1	---	---	2 HOUR PARKING 8AM-6PM
5ER-04	NO STOP/STAND/PARK	---	---	---	---	---	5ER-04 NO STOP/STAND/PARK
SHEET 9 SUBTOTALS: 65 185 89 2 16							



REVISED 4/27/23 JAL

60631225P

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-SR9

SIGNING REMOVALS SHEET 10 OF 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	
SIGN	SIGN	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	
#	CODE	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 9 SUBTOTALS:		65	185	89	2	16		
5ER-05	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-05	NO STOP/STAND/PARK	---	---	---	---	---	5ER-05	NO STOP/STAND/PARK
5ER-06	R7-5R	---	1	1	---	---	---	1 HOUR PARKING 8AM-6PM
5ER-07	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-07	NO STOP/STAND/PARK	---	---	---	---	---	5ER-07	NO STOP/STAND/PARK
5ER-08	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-08	NO STOP/STAND/PARK	---	---	---	---	---	5ER-08	NO STOP/STAND/PARK
5EM-02	D3-1	---	---	---	---	---	5ER-09	E WASHINGTON AVE SMALL ST SIGN
5ER-09	R4-7	---	1	---	---	---	5EM-02	KEEP RIGHT
5ER-09	R4-7	---	1	---	---	---	---	KEEP RIGHT
5ER-10	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
5ER-10	NO STOP/STAND/PARK	---	---	---	---	---	5ER-10	NO STOP/STAND/PARK
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
5EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET PATERSON ST OH
5ER-11	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
5ER-12	R7-7L	---	1	---	---	---	---	NO PARKING BUS STOP (LEFT ARROW)
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
5ER-13	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
5ER-14	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
5ER-15	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
5ER-16	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
5ER-17	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
5ER-18	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
6ER-01	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
6ER-01	NO STOP/STAND/PARK	---	---	---	---	---	6ER-01	NO STOP/STAND/PARK
6ER-02	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
6ER-02	NO STOP/STAND/PARK	---	---	---	---	---	6ER-02	NO STOP/STAND/PARK
6ER-03	R7-7R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
6ER-04	R7-7L	---	1	---	---	---	---	NO PARKING BUS STOP (LEFT ARROW)

SHEET 10 SUBTOTALS:

66

207

100

2

16

REVISÉ 4/27/23 JAL



MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT



0631225P

MQ-SR10

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

[illegible]

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT Quantities - Cost_Quantities\Madison BRT MQ Plan Sheets.ppx
LAST PLOT DATE: 5/9/2023

SIGNING REMOVALS SHEET 11 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	
SIGN	SIGN	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	
#	CODE	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 10 SUBTOTALS: 66207100216								
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
6ER-05	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
6ER-06	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
6ER-06	NO STOP/STAND/PARK	---	---	---	---	---	6ER-06	NO STOP/STAND/PARK
6ER-07	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
6ER-07	NO STOP/STAND/PARK	---	---	---	---	---	6ER-07	NO STOP/STAND/PARK
6ER-08	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
7ER-01	NO STOP/STAND/PARK	---	1	1	---	---	---	NO STOP/STAND/PARK
7ER-02	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
7ER-02	NO STOP/STAND/PARK	---	---	---	---	---	7ER-02	NO STOP/STAND/PARK
7ER-03	R7-5L	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
7ER-03	NO STOP/STAND/PARK	---	---	---	---	---	7ER-03	NO STOP/STAND/PARK
7EM-03	D1-1	1	---	2	---	---	---	ONE DESTINATION (ARROW) BALDWIN ST
7ER-04	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
7ER-04	NO STOP/STAND/PARK	---	---	---	---	---	7ER-04	NO STOP/STAND/PARK
7ER-05	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
7ER-05	NO STOP/STAND/PARK	---	---	---	---	---	7ER-05	NO STOP/STAND/PARK
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
7EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET BALDWIN ST OH
7ER-06	R4-7	---	1	---	---	---	---	KEEP RIGHT
7EM-02	D3-1	2	---	---	---	---	---	BALWIN ST & E WASHINGTON AVE SMALL ST SIGNS
7ER-07	R4-7	---	1	---	---	---	---	KEEP RIGHT
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
7ER-08	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
7ER-09	NO STOP/STAND/PARK	---	1	---	---	---	---	NO STOP/STAND/PARK
7ER-10	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
7ER-10	NO STOP/STAND/PARK	---	---	---	---	---	7ER-10	NO STOP/STAND/PARK
8ER-01	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
8ER-01	NO STOP/STAND/PARK	---	---	---	---	---	8ER-01	NO STOP/STAND/PARK
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION

SHEET 11 SUBTOTALS:	70	226	108	2	16
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REVISÉ 4/27/23 JAL



467713909

CITY OF MADISON, DANE COUNTY, WI
 CONFIDENTIAL - 2022/03/03

CONTRACT NO: 606312250

MISCELLANEOUS QUANTITIES

BUS KAF ID TRANSIT

CITY OF MADISON

0631225P

MQ-SR11

SIGNING REMOVALS SHEET 12 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	
SIGN	SIGN	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	
#	CODE	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 11 SUBTOTALS:		70	226	108	2	16		
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
8ER-02	R7-5D	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
8ER-03	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
8ER-04	R7-5R	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
8ER-04	R7-5L	---	---	---	---	---	8ER-04	30 MINUTE PARKING 8AM-6PM
8ER-05	R7-5R	---	1	---	---	---	---	30 MINUTE PARKING 8AM-6PM
8ER-05	R7-1L	---	---	---	---	---	8ER-05	NO PARKING ANY TIME (LEFT ARROW)
8ER-06	R3-55A	---	1	1	---	---	---	STRAIGHT AHEAD LANE W/ RIGHT DOWN ARROW
8ER-07	R3-5L	---	1	---	1	---	8ER-08	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
8ER-08	R3-5L	---	---	---	---	---	8ER-07	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
9EM-01	W10-1	1	---	---	---	---	9EM-05	RAILROAD CROSSING
9EM-05	W10-9P	1	---	---	---	---	9EM-01	NO TRAIN HORN
9EM-02	W10-1	1	---	---	---	---	9EM-06	RAILROAD CROSSING
9EM-06	W10-9P	1	---	---	---	---	9EM-02	NO TRAIN HORN
9ER-01	R3-4	1	---	---	---	---	9ER-02	NO U TURN SYMBOL
9ER-02	R4-7	---	---	---	---	---	9ER-01	KEEP RIGHT
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
9ER-03	R3-4	1	---	---	---	---	9ER-04	NO U TURN SYMBOL
9ER-04	R4-7	---	---	---	---	---	9ER-03	KEEP RIGHT
9EM-03	D3-1	2	---	---	---	---	---	S FIRST ST & E WASHINGTON AVE SMALL ST SIGNS
9EM-04	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET S FIRST ST OH
9ER-05	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
10ER-01	R7-51L	---	1	---	---	---	---	30 MINUTE PARKING 8AM-6PM
10ER-02	RESTRICTED RIGHT LANE	---	1	---	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
10ER-03	RESTRICTED RIGHT LANE	---	1	1	---	---	---	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
10ER-04	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
10ER-05	R4-7	---	1	---	---	---	---	KEEP RIGHT

SHEET 12 SUBTOTALS:

79

243

116

3

16

REVISÉ 4/27/23 JAL



MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

[illegible]

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT MQ Plan Sheets.pptx

SIGNING REMOVALS SHEET 13 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	
SIGN	SIGN	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	
#	CODE	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 12 SUBTOTALS:		79	243	116	3	16		
10EM-01	D3-1	2	---	---	---	---	---	FOURTH ST & E WASHINGTON AVE SMALL ST SIGNS
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
10ER-07	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
10ER-06	R4-7	---	1	---	---	---	---	KEEP RIGHT
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
10ER-08	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
10ER-09	RESTRICTED RIGHT LANE	---	1	---	---	---	BUS	RIGHT LANE BUSES BICYCLES AND RIGHT TURNS ONLY
BUS	METRO SIGN	---	1	---	---	---	10ER-09	METRO ROUTE INFORMATION
10ER-10	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-01	R7-5R	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-02	R7-5L	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-03	R7-5D	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-04	R7-5R	---	1	---	---	---	---	2 HOUR PARKING 8AM-6PM
11ER-05	R7-5L	---	1	1	---	---	---	2 HOUR PARKING 8AM-6PM
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
12EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET NORTH ST RT ARROW OH
12EM-04	D3-1	1	---	---	---	---	12EM-05/06	NORTH ST SMALL ST SIGN
12EM-05	D3-1	---	---	---	---	---	12EM-04/06	MILWAUKEE ST SMALL ST SIGN
12EM-06	D3-1	---	---	---	---	---	12EM-04/05	E WASHINGTON AVE SMALL ST SIGN
12ER-01	R3-4	---	1	---	---	---	12ER-02	NO U TURN SYMBOL
12ER-02	R4-7	---	---	---	---	---	12ER-01	KEEP RIGHT
12EM-02	M1-94H	1	---	---	---	---	12EM-03	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW MILWAUKEE ST OH
12EM-03	M1-94H	---	---	---	---	---	12EM-02	CROSS ROAD NAME FOR OVERHEAD STREETLT ARROW NORTH ST OH
12EM-07	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREETMILWAUKEE ST RT ARROW OH
12ER-03	R3-4	---	1	---	---	---	12ER-04	NO U TURN SYMBOL
12ER-04	R4-7	---	---	---	---	---	12ER-03	KEEP RIGHT
12ER-05	R7-1D	---	1	1	---	---	BUS	NO PARKING ANY TIME (DOUBLE ARROW)
BUS	METRO SIGN	---	1	---	---	---	12ER-05	METRO ROUTE INFORMATION

SHEET 13 SUBTOTALS:

85

263

121

3

16.

REVISÉ 4/27/23 JAL



MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



0631225P

MQ-SR13

4C7713909

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

Mark	PLAN REVISION 4	4/27/23	JAL
Designed By: AECOM		DATE	BY
60631225P		Scale: NTS	

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT Quantities\Madison BRT MQ Plan Sheets.pptx

SIGNING REMOVALS SHEET 14 OF 18

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	REMARKS	
					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	

SHEET 13 SUBTOTALS:

85

263

121

3

16

12ER-06	R7-6D	---	1	1	---	---	BUS	FREIGHT LOADING ZONE 8AM-6PM
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
13EM-01	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET MARQUETTE ST OH
13ER-01	R2-1	---	1	1	---	---	---	SPEED LIMIT 30 MPH
13ER-02	R3-4	---	1	---	---	---	---	NO U TURN SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
13EM -02	D3-1	1	---	---	---	---	---	E WASHINGTON AVE SMALL ST SIGN
13ER-03	R3-4	---	1	---	---	---	13ER-04	NO U TURN SYMBOL
13ER-04	R4-7	---	---	---	---	---	13ER-03	KEEP RIGHT
13EM-03	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREETMARQUETTE ST OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
15EM-05	D1-1	1	---	---	---	2	15EM-06	ONE DESTINATION (ARROW) LT ARROW MELVIN CT (CAPITOL SYM)
15EM-06	D1-1	1	---	---	---	---	15EM-05	ONE DESTINATION (ARROW) RETHKE AVE RT ARROW
15ER-09	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
15ER-10	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
15ER-13	R4-7	---	1	1	---	---	---	KEEP RIGHT
15ER-11	W11-2	---	1	---	---	---	15ER-12	PEDESTRIAN CROSSING SYMBOL
15ER-11	W16-7R	---	---	---	---	---	---	RIGHT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-12	W11-2	---	---	---	---	---	15ER-11	PEDESTRIAN CROSSING SYMBOL
15ER-12	W16-7R	---	---	---	---	---	---	RIGHT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15EM-01	D1-1	---	1	2	---	---	---	LT ARROW ABERG AVE (CAPITOL SYM)
15ER-01	R6-2R	---	1	1	---	---	---	ONE WAY RIGHT ARROW
15EM-02	D3-1	1	---	---	---	---	15EM-03/04	MELVIN CT SMALL ST SIGN
15EM-03	D3-1	---	---	---	---	---	15EM-02/04	E WASHINGTON AVE SMALL ST SIGN
15EM-04	D3-1	---	---	---	---	---	15EM-02/03	RETKEKE AVE SMALL ST SIGN
15ER-02	R1-1	---	1	---	---	---	---	STOP SIGN
15ER-14	R1-1	---	1	---	---	---	---	STOP SIGN

SHEET 14 SUBTOTALS:

91

281

131

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18

REVISÉ 4/27/23 JAL



60631225P

MISCELLANEOUS QUANTITIES

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-SR14

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT MQ Plan Sheets.pptx

SIGNING REMOVALS SHEET 15 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	
SIGN	SIGN	TYPE II	TYPE II	SUPPORTS	SUPPORTS	SUPPORTS	ON/SAME	
#	CODE	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 14 SUBTOTALS:		91	281	131	3	18		
15ER-15	W16-7L	---	1	---	---	---	15ER-16	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-16	W11-2	---	---	---	---	---	15ER-15	PEDESTRIAN CROSSING SYMBOL
15ER-17	W11-2	---	1	---	---	---	---	PEDESTRIAN CROSSING SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
15ER-03	W11-2	---	1	---	---	---	15ER-04	PEDESTRIAN CROSSING SYMBOL
15ER-04	W16-7L	---	---	---	---	---	15ER-03	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-05	W11-2	---	1	---	---	---	---	PEDESTRIAN CROSSING SYMBOL
15ER-06	W11-2	---	1	---	---	---	---	PEDESTRIAN CROSSING SYMBOL
15ER-07	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
15ER-08	R1-5R	---	1	1	---	---	---	YIELD HERE (RIGHT ARROW) TO (PED SYMBOL)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
15EM-05	D1-1	---	1	2	---	---	15EM-06	LT ARROW MELVIN CT (CAPITOL SYM)
15EM-06	D1-1	---	---	---	---	---	15EM-05	LT ARROW MELVIN CT (CAPITOL SYM)
15ER-09	R1-5R	---	1	1	---	---	---	YIELD HERE (RIGHT ARROW) TO (PED SYMBOL)
15ER-10	R1-5L	---	1	1	---	---	---	YIELD HERE (LEFT ARROW) TO (PED SYMBOL)
15ER-11	W11-2	---	1	---	---	---	15ER-12	PEDESTRIAN CROSSING SYMBOL
15ER-12	W16-7L	---	---	---	---	---	15ER-11	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-13	W11-2	---	---	---	---	---	15ER-14	PEDESTRIAN CROSSING SYMBOL
15ER-14	W16-7L	---	---	---	---	---	15ER-13	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-15	R4-7	---	1	1	---	---	---	KEEP RIGHT
15ER-16	R1-1	---	1	---	---	---	---	STOP SIGN
15ER-17	W11-2	---	1	---	---	---	15ER-18	PEDESTRIAN CROSSING SYMBOL
15ER-18	W16-7L	---	---	---	---	---	15ER-17	LEFT DIAGONAL DOWNWARD POINTING ARROW (YELLOW)
15ER-19	W11-2	---	1	---	---	---	---	PEDESTRIAN CROSSING SYMBOL
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
16ER-01	R3-53L(MOD)	---	1	---	---	---	---	LEFT TURN ON LEFT ARROW ONLY
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

SHEET 15 SUBTOTALS:

REVISÉ 4/27/23 JAL

[illegible]

467713909

CONTRACT NO: 6063123EC

CONTRACT NO: 60631Z23C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



0631225P

1Q-SR15

SIGNING REMOVALS SHEET 17 OF 18

SIGN #	SIGN CODE	638.2102	638.2602	638.3000	638.3100	638.4000	REMARKS	
		MOVING	REMOVING	REMOVING	REMOVING	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

SHEET 16 SUBTOTALS:

103

318

151

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20

BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
22EM-01	R3-17(MOD)	1	---	---	---	---	22EM-02	BIKE LANE W/ BIKE RIDER SYMBOL
22EM-02	R7-1D	---	---	---	---	---	22EM-01	NO PARKING ANY TIME (DOUBLE ARROW)
22EM-03	M1-94H	1	---	---	---	---	---	CROSS ROAD NAME FOR OVERHEAD STREET THEIRER RD RT ARROW OH
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
22EM-04	R3-17(MOD)	1	---	---	---	---	22EM-05	BIKE LANE W/ BIKE RIDER SYMBOL
22EM-05	R7-1D	---	---	---	---	---	22EM-04	NO PARKING ANY TIME (DOUBLE ARROW)
22ER-01	W4-2R	---	1	---	---	---	---	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	---	---	---	---	METRO ROUTE INFORMATION
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
24ER-01	R6-2R	---	1	1	---	---	24ER-02	ONE WAY RIGHT ARROW
24ER-02	R4-7	---	---	---	---	---	24ER-01	KEEP RIGHT
24ER-03	R1-1	---	1	---	---	---	24ER-04	STOP SIGN
24ER-04	R6-2R	---	---	---	---	---	24ER-03	ONE WAY RIGHT ARROW
24ER-05	R6-2R	---	1	1	---	---	24ER-06	ONE WAY RIGHT ARROW
24ER-06	R4-7	---	---	---	---	---	24ER-05	KEEP RIGHT
24ER-07	R1-1	---	1	1	---	---	24ER-08	STOP SIGN
24ER-08	R6-2R	---	---	---	---	---	24ER-07	ONE WAY RIGHT ARROW
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
24EM-01	R5-1	1	---	---	---	1	---	DO NOT ENTER
24EM-02	D3-1	1	---	---	---	1	---	INDEPENDENCE LN & E WASHINGTON AVE SMALL ST SIGNS
24EM-03	R5-1	1	---	---	---	1	---	DO NOT ENTER
24EM-04	R3-17(MOD)	1	---	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
BUS	METRO SIGN	---	1	1	---	---	---	METRO ROUTE INFORMATION
25ER-01	W4-2R	---	1	---	---	---	---	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
25ER-02	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL
25EM-01	R3-17(MOD)	---	1	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL

SHEET 17 SUBTOTALS:

110

335

161

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23

REVISÉ 4/27/23 JAL



60631225P

MISCELLANEOUS QUANTITIES

60631225P
CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

CITY OF MADISON



60631225P

MQ-SR17

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT MQ Quantities\Madison BRT MQ Plan Sheets.pptx

SIGNING REMOVALS SHEET 18 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 17 SUBTOTALS:		112	339	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:		113	347	164	3	23		

REVISED 6/29/23 JAL

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-SR18

PLAN REVISION 4

REVISION

Mark
Designed By: AECOM
60631225P

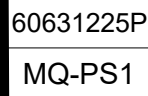
6/29/23
JAL

DATE
6/29/23
BY

Scale: NTS

[illegible]

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



PERMANENT SIGNING SHEET 2 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			
		SIGN	SIGNS TYPE II														SIGN	
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH							MOUNTED	
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME	
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 1 SUBTOTALS:			---	141.81	---	26.00	---	2	2	1	1	3	7	---	2	---		
1AW-19	R7-8A	12X18	---	1.50	---	---	---	---	---	---	1	---	---	---	---	1	1AW-20	RESERVED PARKING HANDICAPPED, THIS SPACE
1AW-20	R7-8V	12X6	---	.50	---	---	---	---	---	---	---	---	---	---	---	---	1AW-19	VAN ACCESSIBLE PLAQUE
1AW-21	R7-8A	12X18	---	1.50	---	---	---	---	---	---	1	---	---	---	---	1	1AW-22	RESERVED PARKING HANDICAPPED, THIS SPACE
1AW-22	R7-8V	12X6	---	.50	---	---	---	---	---	---	---	---	---	---	---	---	1AW-21	VAN ACCESSIBLE PLAQUE
1AW-23	R7-8A	12X18	---	1.50	---	---	---	---	---	1	---	---	---	---	---	---	---	RESERVED PARKING HANDICAPPED, THIS SPACE
1AW-24	R7-53(MOD)	12X18	---	1.50	---	---	---	---	---	---	1	---	---	---	---	---	---	NO PARKING EXCEPT ELECTRIC VEHICLES
1AW-25	D4-2A(MOD)	24X36	---	6.00	---	---	---	---	---	---	---	---	1	---	---	---	---	PASSENGER DROP OFF & GO STOP HERE
1AW-26	R5-1	30X30	---	6.25	---	---	---	---	---	---	---	---	---	1	---	---	1AW-36	DO NOT ENTER
1AW-36	R5-11(MOD)	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	1AW-26	METRO AUTHORIZED VEHICLES ONLY
1AW-27	R5-1	30X30	---	6.25	---	---	---	---	---	---	---	---	---	1	---	---	1AW-36	DO NOT ENTER
1AW-37	R5-11(MOD)	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	1AW-27	METRO AUTHORIZED VEHICLES ONLY
1AW-33	R3-50L	30X36	---	7.50	---	---	---	---	---	---	---	---	---	1	---	---	---	LEFT TURN ONLY (SMALL LANE CONTROL)
1AW-34	R5-1C	30X30	---	6.25	---	---	---	---	---	---	---	---	1	---	---	---	1AW-35	DO NOT ENTER (CLIPPED CORNERS)
1AW-35	R1-1	30X30	---	5.18	---	---	---	---	---	---	---	---	---	---	---	---	1AW-34	STOP SIGN
2W-01	R3-17(MOD)	24X36	---	6.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BIKE LANE ENDS W/ BIKE RIDER SYMBOL
3W-01	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AHEAD
3WM-01	R7-66	48X48	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	MUNICIPAL PARKING REGULATIONS...
3W-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND
3W-03	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	SPEED LIMIT 35 MPH
3W-04	*BUS+LT	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND
3WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE 3WM-03	CROSS ROAD NAME FOR OVERHEAD STREET S HIGH POINT RD OH
3WM-03	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE 3WM-02	S HIGH POINT RD & MINERAL POINT RD SMALL ST SIGNS
3W-05	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
3W-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
3W-07	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO U TURN SYMBOL
3W-08	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
3W-09	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 3W-04	NO U TURN SYMBOL
3WM-04	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE 3WM-05	S HIGH POINT RD & MINERAL POINT RD SMALL ST SIGNS
3WM-05	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE 3WM-04	CROSS ROAD NAME FOR OVERHEAD STREET S HIGH POINT RD OH
4W-01	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	4W-02(OH)	BUS ONLY OH
4W-02	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	4W-01(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
4W-03	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
4W-04	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
4WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE 4WM-03	CROSS ROAD NAME FOR OVERHEAD STREET RANDOLPH DR RT ARROW OH
4WM-03	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE 4WM-02	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW RANDOLPH DR OH

SHEET 2 SUBTOTALS:

252.24

54.00

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REVISÉD 6/27/23 JAL

PERMANENT SIGNING SHEET 3 OF 21

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SHEET 3 SUBTOTALS

REVISÉ 6/27/23 JAL

50631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS3

C:\OneDrive\AE\COMCity of Madison BRT Quantities - Cost_Quantities\Madison BRT MQ Plan Sheets.pptx

PERMANENT SIGNING 4 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		
		SIGN	SIGNS TYPE II														SIGN	
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH							MOUNTED	
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME	
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 3 SUBTOTALS:			---	340.74	---	82.00	4.00	2	3	3	8	6	13	3	2	2		
6W-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
6W-07	R3-7R	30X30	---	6.25	---	---	---	---	---	---	---	---	---	---	---	---	POLE	RIGHT LANE MUST TURN RIGHT
6W-08	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	EXIST SIGN	SPEED LIMIT 35 MPH
6W-09	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
6W-10	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 6W-05	NO U TURN SYMBOL
6W-11	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO U TURN SYMBOL
6WM-02	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	S GAMMON RD & MINERAL POINT RD SMALL ST SIGNS
6WM-03	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
6W-12	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO U TURN SYMBOL
7WM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE & R7-1D	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
7W-01	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 7W-04	NO U TURN SYMBOL
7W-02	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
7W-03	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
7WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH
7W-04	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 7W-01	BUS LANE AND LEFT TURN ONLY GROUND
7W-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
8W-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND
8W-02	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
8WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET GRAND CANYON DR OH
8W-03	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
8WM-01	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8W-07	GRAND CANYON DR & MINERAL POINT RD SMALL ST SIGNS
8W-04	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO PARKING ANY TIME (DOUBLE ARROW)
8W-05	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	8W-06(OH)	BUS ONLY OH
8W-06	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	8W-06(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW
8W-07	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND
8W-08	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	8WM-01	NO U TURN SYMBOL
8W-09	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
8WM-03	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET GRAND CANYON DR OH
8W-10	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND
8W-11	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 8W-01	NO U TURN SYMBOL
SHEET 4 SUBTOTALS:			---	433.99	---	110.00	4.00	2	3	3	11	6	14	3	2	2		

 REVISED 6/27/23 JAL[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS4

PERMANENT SIGNING SHEET 5 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			
		SIGN		SIGNS TYPE II																SIGN											
		SIZE	SIGNS TYPE I		SIGNS TYPE II		REFLECTIVE H		SIGNS TYPE II		SIGNS TYPE II		POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH								MOUNTED								
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME														
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS													
SHEET 4 SUBTOTALS:			---	433.99	---	110.00	4.00	2	3	3	11	6	14	3	2	2															
9W-01	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
9W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND													
9WM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET MINERAL POINT RD OH													
9W-03	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
9W-04	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND													
9W-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND													
9W-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE ONLY GROUND													
10W-01	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	SPEED LIMIT 35 MPH													
10WM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET ISLAND DR RT ARROW OH													
10W-02	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	10W-03 POLE	NO U TURN SYMBOL													
10W-03	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	10W-02 POLE	BUS LANE AND LEFT TURN ONLY GROUND													
10W-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
10W-05	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
10WM-03	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE 10W-10/10W-12	ISLAND DR & MINERAL POINT RD SMALL ST SIGNS													
10W-06	R3-20L	24X36	---	6.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BEGIN LEFT TURN LANE WITH DOWN RIGHT ARROW													
10W-07	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	10W-08 (OH)	BUS ONLY OH													
10W-08	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	10W-07 (OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW													
10W-09	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
10WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET LT ARROW ISLAND DR OH													
10W-10	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND													
10W-11	R3-20L	24X36	---	6.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BEGIN LEFT TURN LANE WITH DOWN RIGHT ARROW													
10W-12	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 10W-10/10WM-03	NO U TURN SYMBOL													
11W-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE AND LEFT TURN ONLY GROUND													
11W-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	11W-03 POLE	BUS LANE AND LEFT TURN ONLY GROUND													
11W-03	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	11W-02 POLE	NO U TURN SYMBOL													
11WM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET S ROSA RD OH													
11W-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
11W-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE ONLY GROUND													
11W-06	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	11W-07(OH)	BUS ONLY OH													
11W-07	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	11W-06(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW													

SHEET 5 SUBTOTALS:

) REVISED 6/27/23 JAL

Mark	PLAN REVISION 4	6/27/23	JAL
Designed By: AECOM	REVISION	DATE	BY
60631225P	Date: 6/27/2023	Scale: NTS	

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS5

PERMANENT SIGNING SHEET 6 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			
		SIGN		SIGNS TYPE II														SIGN													
		SIZE		SIGNS TYPE I		SIGNS TYPE II		REFLECTIVE H		SIGNS TYPE II		SIGNS TYPE II		POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH							MOUNTED								
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME														
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS													
SHEET 5 SUBTOTALS:		---	---	531.99	---	---	166.00	4.00	2	3	3	13	6	14	3	2	2														
11W-08	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
12W-01	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
12W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND													
12W-03	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE 12W-02	NO U TURN SYMBOL													
12WM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	POLE	CROSS ROAD NAME FOR OVERHEAD STREET S ROSA RD OH													
13W-01	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	13W-02(OH)	BUS ONLY OH													
13W-02	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	13W-01(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW													
13W-03	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO U TURN SYMBOL													
13W-04	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	13W-05(OH)	BUS ONLY OH													
13W-05	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	13W-04(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW													
13W-06	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO U TURN SYMBOL													
13W-07	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	1	---	---	---	---	---	BUS LANE AHEAD													
13W-08	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND													
14W-01	R3-17(MOD)	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BIKE LANE W/ BIKE RIDER SYMBOL													
14W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE ONLY GROUND													
14W-03	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE ONLY GROUND													
15W-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND													
15W-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND													
15W-03	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	SPEED LIMIT 25 MPH													
15W-04	R3-17(MOD)	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	15WM-04	BIKE LANE W/ BIKE RIDER SYMBOL													
15W-05	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
15WM-04	M1-94H	60X15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15W-04(OH)	CROSS ROAD NAME FOR OVERHEAD STREET REGENT ST OH													
15W-06	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY GROUND													
15W-07	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS LANE AND LEFT TURN ONLY GROUND													
15W-08	*BUS	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	POLE	BUS LANE ONLY GROUND													
15WM-01	M1-94	72X15	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	CROSS ROAD NAME REGENT STREET													
15W-09	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	15W-10(OH)	BUS ONLY OH													
15W-10	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	15W-09(OH)	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW													
15W-11	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED													
15WM-02	M1-94	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15W-13 OH	CROSS ROAD NAME REGENT ST OH													

SHEET 6 SUBTOTALS:

REVISÉD 6/27/23 JAL

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

[illegible]

FILE NAME: C:\OneDrive\AE\COMC\City of Madison BRT Quantities - Cost_Quantities\Madison BRT MQ Plan Sheets.pptx

PERMANENT SIGNING SHEET 7 OF 21[illegible][illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS7

PERMANENT SIGNING SHEET 8 OF 21

[illegible]

SHEET 8 SUBTOTALS:

REVISÉ 6/27/23 JAL

60631225P

CITY OF MADISON: DANE COUNTY: WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS8

FILE NAME: C:\OneDrive\AE\COM\City of Madison\BRT Quantities\BRT MQ Plan Sheets.pptx

PERMANENT SIGNING SHEET 9 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																		
SIGN		SIGNS TYPE II														SIGN		
SIZE		SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH							MOUNTED		
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME	
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 8 SUBTOTALS: --- 800.78 5.18 306.00 31.00 2 3 4 25 9 17 5 5 2																		
29W-01	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS & RT TURN ONLY GROUND
29WM-01	R8-6(MOD)	12X18	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	NO STOPPING STANDING OR PARKING
29W-02	R3-7R	30X30	---	6.25	---	---	---	---	---	---	---	---	1	---	---	---	29W-03	RIGHT LANE MUST TURN RIGHT
29W-03	R1-10P	24X12	---	2.00	---	---	---	---	---	---	---	---	---	---	---	---	29W-02	EXCEPT BUSES
30W-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY
30W-03	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	SPEED LIMIT 25 MPH
30W-04	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	30W-05 OH	BUS ONLY OH
30W-05	R3-5R	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	30W-04 OH	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
30W-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO TURN ON RED
30W-07	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO TURN ON RED
30W-08	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	1	---	30W-09	NO PARKING ANY TIME (DOUBLE ARROW)
30W-09	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	30W-08	BUS LANE ONLY GROUND
30W-10	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	BUS & RT TURN ONLY GROUND
31W-01	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY
31W-02	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY
31W-03	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY
31W-04	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY
32W-01	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY
32W-02	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY
32W-03	R1-1	30X30	---	5.18	---	---	---	---	---	---	---	---	1	---	---	---	---	STOP SIGN
32W-04	R5-1	30X30	---	6.25	---	---	---	---	---	---	---	---	1	---	---	---	---	DO NOT ENTER
32WM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME OH EAST CAMPUS MALL OH
32W-05	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO PARKING ANY TIME (DOUBLE ARROW)
32W-06	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY
32W-07	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY
32WM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32WM-03 & 32W-08	CROSS ROAD NAME OH EAST CAMPUS MALL OH
32WM-03	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	32WM-02 & 32W-08	EAST CAMPUS MALL & JOHNSON STREET
32W-08	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	32WM-02 & 32WM-03	NO PARKING ANY TIME (DOUBLE ARROW)

SHEET 9 SUBTOTALS:	---	902.46	5.18	334.00	31.00	2	3	4	28	9	27	5	6	2
--------------------	-----	--------	------	--------	-------	---	---	---	----	---	----	---	---	---

 REVISED 6/27/23 JAL[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 606312250

MISCELLANEOUS QUANTITIES

BUS KAFID TRANSIT

CITY OF MADISON



0631225P

MQ-PS9

PERMANENT SIGNING SHEET 10 OF 21

637.1220637.2210637.2215637.2220637.2230634.0612634.0616634.0808634.0809634.0810634.0811634.0812634.0814634.0885																		
SIGN																	SIGN	
SIZESIGNS TYPE II																		
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH							MOUNTED	
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME	
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS
SHEET 9 SUBTOTALS:			---	902.46	5.18	334.00	31.00	2	3	4	28	9	27	5	6	2		
32W-09	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY
32W-10	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & RT TURN ONLY
33W-01	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS & RT TURN ONLY
33W-02	R3-5 (MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	33W-03 OH	OH BUS ONLY
33W-03	R3-5R	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	33W-02 OH	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
33W-04	*BUS+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS & RT TURN ONLY
33W-05	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AHEAD
33W-06	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE AHEAD
33W-07	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS LANE ONLY
33W-08	R7-1D	18X24	---	3.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
EAST																		
2EM-01	R7-1D	18X24	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	NO PARKING ANY TIME (DOUBLE ARROW)
3E-01	R3-12F	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS LANE AHEAD
3E-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & LT TURN ONLY
3E-03	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & LT TURN ONLY
3E-04	R3-2	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	3E-07/08	NO LEFT TURN SYMBOL
3EM-02	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3E-06	FRANKLIN ST & E WASHINGTON AVE
3EM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	CROSS ROAD NAME OH S BLAIR ST RT ARROW
3E-05	R6-1L	36X12	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	3E-06/08	ONE WAY LEFT ARROW (ROUNDAABOUTS)
3E-06	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	3E-06/07	BUS LANE ONLY
4E-01	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	SPEED LIMIT 25 MPH
4E-02	J3-1	24X57	---	9.50	---	---	---	---	---	---	---	---	---	---	---	---	4E-03	DIRECTIONAL ASSEMBLY (1 HEAD PANEL)
4E-03	R6-2L	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	4E-02	ONE WAY LEFT ARROW
4E-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED
4E-05	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	4EM-02/4E-05/07	BUS LANE ONLY
4EM-02	M1-94H	72X15	---	---	---	---	---	---	---	---	---	---	1	---	---	---	4E-05/07	CROSS ROAD NAME OH LEFT ARROW USH 151/BLAIR ST
4E-07	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	4EM-02/4E-05	NO U TURN SYMBOL
4E-06	R3-53L	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	4E-17 POLE	LEFT TURN ONLY
4EM-03	D1-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4EM-04 (OH)	ONE DESTINATION (ARROW)

SHEET 10 SUBTOTALS

1004.96

5.18

362.00

31.0

2

3

4

37

60631225P

MQPS10

REVISÉ 6/27/23 JAL



50631225P

CITY OF MADISON DANE COUNTY WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

MQPS10

FILE NAME: C:\OneDrive\AE\COMCity of Madison BRT Quantities - Cost_Quantities\Madison BRT MQ Plan Sheets.pptx

PERMANENT SIGNING SHEET 11 OF 21

637.1220637.2210637.2215637.2220637.2230634.0612634.0616634.0808634.0809634.0810634.0811634.0812634.0814634.0885																	SIGN			
SIGN		SIGN TYPE II															SIGN			
SIZE		SIGN TYPE I		SIGN TYPE II		REFLECTIVE H		SIGN TYPE II		SIGN TYPE II		POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH					MOUNTED	
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME			
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS		
SHEET 10 SUBTOTALS:			---	1004.96	5.18	362.00	31.00	2	3	4	28	10	37	5	6	2				
4EM-04	D1-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4EM-03 (OH)	ONE DESTINATION (ARROW)		
4E-08	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	1	---	---	4E-09	NO STOPPING STANDING OR PARKING 7AM-9AM		
4E-09	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	4E-08	2 HOUR PARKING 9AM - 6PM		
4E-10	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	1	---	---	4E-11	NO STOPPING STANDING OR PARKING 7AM-9AM		
4E-11	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	4E-10	2 HOUR PARKING 9AM - 6PM		
4E-12	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED		
4E-13	W12-1D	24X24	---	---	---	---	4.00	---	---	1	---	---	---	---	---	---	---	DOUBLE DOWN ARROW		
4E-14	R3-53L	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	LEFT TURN ONLY		
4E-15	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	1	---	---	4E-09	KEEP RIGHT		
4E-16	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED		
4EM-01	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	BLAIR ST & E WASHINGTON AVE		
4E-17	R3-18	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	4E-06 POLE	NO LEFT / U-TURN SYMBOL		
4E-18	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	SIGN STRUCTURE	BUS AHEAD OH		
4E-19	R3-5(MOD)	72X48	24.00	---	---	---	---	---	---	---	---	---	---	---	---	---	SIGN STRUCTURE	LANE CONTROL W/ BLACK BORDER LT TURN ONLY & BUS ONLY COMBO		
4E-20	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	4E-21 POLE	NO STOPPING STANDING OR PARKING 3PM-6PM		
4E-21	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	4E-20 POLE	2 HOUR PARKING 8AM - 3PM		
4E-22	R7-1L	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	1	---	4E-26	NO PARKING ANY TIME (LEFT ARROW)		
4E-23	R10-17A(MOD)	30X36	---	7.50	---	---	---	---	---	---	---	---	---	---	---	---	4E-25	RIGHT TURN ONLY EXCEPT 4PM-6PM		
5E-01	R3-12G	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	5E-01	BUS LANE ENDS		
5E-02	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	1	---	---	5E-03	NO STOPPING STANDING OR PARKING 7AM-9AM		
5E-03	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	5E-02	2 HOUR PARKING 9AM - 6PM		
5E-04	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	5E-05 POLE	NO STOPPING STANDING OR PARKING 7AM-9AM		
5E-05	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	5E-04 POLE	2 HOUR PARKING 9AM - 6PM		
5E-06	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	5E-07 POLE	NO STOPPING STANDING OR PARKING 7AM-9AM		
5E-07	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	5E-06 POLE	2 HOUR PARKING 9AM - 6PM		
5E-08	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	5E-09	NO STOPPING STANDING OR PARKING 7AM-9AM		
5E-09	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	1	---	---	---	---	---	5E-10	2 HOUR PARKING 9AM - 6PM		
5EM-01	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME PATERSON ST OH		
5E-10	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED		
5E-11	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	5EM-02 & 5E-12 POLE	KEEP RIGHT		

REVISED 6/27/23 JAL

60631225P

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C



60631225P

MQ-PS11

PLAN REVISION 4

REVISION

Date: 6/27/23

Mark
Designed By: AECOM
60631225P

6/27/23 JAL

DATE

BY

Scale: NTS

PERMANENT SIGNING SHEET 12 OF 2

SHEET 11 SUBTOTALS:	24.00	1098.71	5.18	376.00	35.00	2	3	5	29	10	37	9	7	2
---------------------	-------	---------	------	--------	-------	---	---	---	----	----	----	---	---	---

SHEET 12 SUBTOTALS:	24.00	1220.46	5.18	376.00	35.00	2	3	5	30	10	44	11	7	2
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REVISÉ 6/27/23 JAL

[illegible]

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

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS12

PERMANENT SIGNING SHEET 13 OF 21

[illegible]

REVISÉ 6/27/23 JAL

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS13

PERMANENT SIGNING SHEET 14 OF 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
		SIGN	SIGNS TYPE II																										
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH							SIGN												
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME												
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS											
SHEET 13 SUBTOTALS:			24.00	1325.96	5.18	376.00	35.00	2	3	5	30	10	48	14	7	2													
7E-23	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3PM-6PM											
7E-24	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE ONLY GROUND											
8E-01	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE ONLY GROUND											
8E-02	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	8E-03 POLE	NO STOPPING STANDING OR PARKING 3PM-6PM											
8E-03	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	8E-02 POLE	2 HOUR PARKING 8AM - 6PM											
8E-04	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	1	---	---	BUS LANE ONLY GROUND											
8E-05	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	8E-06 POLE	NO STOPPING STANDING OR PARKING 3PM-6PM											
8E-06	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	8E-05 POLE	2 HOUR PARKING 8AM - 6PM											
8E-07	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	1	---	---	8E-08	NO STOPPING STANDING OR PARKING 3PM-6PM											
8E-08	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	8E-07	2 HOUR PARKING 8AM - 6PM											
8E-09	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	1	---	---	8E-10/11/17/18	NO STOPPING STANDING OR PARKING 3PM-6PM											
8E-10	R7-108(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	8E-09/11/17/18	2 HOUR PARKING 8AM - 6PM											
8E-17	M7-1	18X9	---	1.13	---	---	---	---	---	---	---	---	---	---	1	---	8E-09/10/11/18	ARROW PLAQUE RT											
8E-11	R7-5L(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	8E-09/10/17/18	30 MINUTE PARKING 8AM - 3PM LT ARROW											
8E-18	M7-1	18X9	---	1.13	---	---	---	---	---	---	---	---	---	---	---	---	8E-09/10/11/17	ARROW PLAQUE LT											
8E-12	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	8E-13/19 POLE	NO STOPPING STANDING OR PARKING 3PM-6PM											
8E-13	R7-5R(MOD)	18X24	---	3.00	---	---	---	---	---	---	---	---	---	---	---	---	8E-12/19 POLE	30 MINUTE PARKING 8AM - 3PM LT ARROW											
8E-19	M7-1	18X9	---	1.13	---	---	---	---	---	---	---	---	---	---	---	---	8E-12/13 POLE	ARROW PLAQUE RT											
8E-14	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM											
8E-15	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	1	---	---	---	---	NO STOPPING STANDING OR PARKING 7AM-9AM											
8E-16	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	1	---	---	---	---	NO STOPPING STANDING OR PARKING 7AM-9AM											
9E-01	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	9E-02/03	BUS ONLY (OH)											
9E-02	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	9E-01/03	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW											
9E-03	R3-5L	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	9E-01/02	LANE CONTROL SYMBOL W/ BLACK BORDER - LEFT ARROW											
9EM-01	W10-1	36X36	---	---	---	---	---	---	---	---	---	---	---	1	---	---	9EM-02	RAILROAD CROSSING											
9EM-02	W10-1A(MOD)	24X12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9EM-01	NO TRAIN HORN											
9EM-05	W10-1	36X36	---	---	---	---	---	---	---	---	---	---	---	1	---	---	9EM-06	RAILROAD CROSSING											
9EM-06	W10-1A(MOD)	24X12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9EM-05	NO TRAIN HORN											
9E-04	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED											
9E-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-06/07 POLE	BUS LANE AND LEFT TURN ONLY GROUND											
9E-06	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-05/07 POLE	NO U TURN SYMBOL											
9E-07	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-05/07 POLE	KEEP RIGHT											
9E-08	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM											
9E-09	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM											
9E-10	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM											
9E-11	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & LT TURN ONLY GROUND											
SHEET 14 SUBTOTALS:			24.00	1430.35	5.18	418.00	35.00	2	3	5	30	10	52	18	9	2													

REVISÉ 6/27/23 JAL

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS14

PERMANENT SIGNING SHEET 15 OF 21

637.1220 637.2210 637.2215 637.2220 634.0612 634.0616 634.0808 634.0809 634.0810 634.0811 634.0812 634.0814 634.0885																			
		SIGN	SIGNS TYPE II												SIGN				
		SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH							MOUNTED		
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME		
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS	
SHEET 14 SUBTOTALS:			24.00	1430.35	5.18	418.00	35.00	2	3	5	30	10	52	18	9	2			
9E-12	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM	
9E-13	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
9E-14	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-15/16 POLE	BUS & LT TURN ONLY GROUND	
9E-15	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-14/16 POLE	NO U TURN SYMBOL	
9E-16	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	9E-14/15 POLE	KEEP RIGHT	
9EM-04	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	CROSS ROAD NAME S FIRST ST OH	
9E-17	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3PM-6PM	
9E-19	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3PM-6PM	
9EM-03	D3-1	30X12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9E-14/15/16 POLE	S FIRST ST & E WASHINGTON AVE SMALL ST SIGNS	
9E-20	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3PM-6PM	
9E-21	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	BIKE LANE POLE	NO STOPPING STANDING OR PARKING 3PM-6PM	
10E-01	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE & EX R3-17	NO STOPPING STANDING OR PARKING 7AM-9AM	
10E-02	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	10E-14	BUS LANE ONLY GROUND	
10E-03	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 7AM-9AM	
10E-04	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE & EX R2-1	NO STOPPING STANDING OR PARKING7AM-9AM	
10E-05	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & LT TURN ONLY GROUND	
10E-06	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
10EM-01	D3-1	30X12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10E-07/08 POLE	S FOURTH & E WASHINGTON AVE SMALL ST SIGNS	
10E-07	R3-18	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	10EM-01 & 10E-08 POLE	NO LEFT / U-TURN SYMBOL	
10E-08	R4-7	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	10EM-01 & 10E-07 POLE	KEEP RIGHT	
10E-09	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
10E-10	*BIKE+RT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BIKE & RT TURN ONLY GROUND	
10E-11	R3-2	24X24	---	4.00	---	---	---	---	---	---	---	---	1	---	---	---	---	NO LEFT TURN SYMBOL	
10E-12	R3-5(MOD)	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	10E-13 OH	BUS ONLY (OH)	
10E-13	R3-5A	42X48	---	---	---	14.00	---	---	---	---	---	---	---	---	---	---	10E-12 OH	LANE CONTROL SYMBOL W/ BLACK BORDER - AHEAD ARROW	
10E-14	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	10E-02	BUS & LT TURN ONLY GROUND	
10E-15	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3PM-6PM	
10E-16	R8-6(MOD)	18X30	---	3.75	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO STOPPING STANDING OR PARKING 3PM-6PM	
10E-17	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	

 REVISED 6/27/23 JAL[illegible]

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

MISCELLANEOUS QUANTITIES
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

MQ-PS15

[illegible]

			
60631225P			
MQ-PS16	MISCELLANEOUS QUANTITIES	60631225P	
	BUS RAPID TRANSIT	CITY OF MADISON, DANE COUNTY, WI	
	CITY OF MADISON	CONTRACT NO: 60631225C	

MQ-PS16

PERMANENT SIGNING SHEET 17 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			
			SIGN	SIGNS TYPE II												SIGN			
			SIZE	SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH						MOUNTED		
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME		
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS	
			SHEET 16 SUBTOTALS:																
12E-03	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
12E-04	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-05/06 POLE	BUS LANE ONLY	
12E-05	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-04/06 POLE	NO U TURN SYMBOL	
12E-06	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-04/05 POLE	KEEP RIGHT	
12E-07	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
12E-08	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS & LT TURN ONLY GROUND	
12E-09	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	1	---	---	---	---	BUS LANE ONLY	
12EM-04	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	EXIST POLE 12EM-05/06	NORTH ST SMALL ON EXIST TS	
12EM-05	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	EXIST POLE 12EM-04/06	MILWAUKEE ST ON EXIST TS	
12EM-06	D3-1	VARIES	---	---	---	---	---	---	---	---	---	---	---	---	---	---	EXIST POLE 12EM-04/05	E WASHINGTON AVE ON EXIST	
12E-10	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
12E-11	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	NO TURN ON RED	
12EM-02	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OH LEFT CROSS ROAD NAME OHARROW MILWAUKEE ST	
12EM-03	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	LEFT ARROW NORTH ST	
12EM-07	M1-94H	VARIESX18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME OHMILWAUKEE ST RIGHT ARROW	
12E-12	*BUS	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-13/14 POLE	BUS LANE ONLY GROUND	
12E-13	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-12/14 POLE	NO U TURN SYMBOL	
12E-14	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	12E-12/13 POLE	KEEP RIGHT	
12E-15	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	BUS ONLY EXCEPT 4PM - 6PM MON - FRI OH STRUCTURE	
13E-01	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	BUS & LT TURN ONLY GROUND	
13E-02	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	---	BUS & LT TURN ONLY GROUND	
13E-03	R2-1	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	ON BACK OF EXIST SIGN SPEED LIMIT 30 MPH		
13E-04	*BUS+LT	30X24	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	13E-05/06 POLE	BUS & LT TURN ONLY GROUND	
13E-05	R3-4	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	13E-04/06 POLE	NO U TURN SYMBOL	
13E-06	R4-7	24X30	---	5.00	---	---	---	---	---	---	---	---	---	---	---	---	13E-04/05 POLE	KEEP RIGHT	
13EM-01	M1-94H	36X8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	OH	CROSS ROAD NAME FOR OVERHEAD STREET	
13E-07	R3-14B(MOD)	72X60	30.00	---	---	---	---	---	---	---	---	---	---	---	---	---	OH STRUCTURE	BUS ONLY EXCEPT 4PM - 6PM MON - FRI OH STRUCTURE	
13E-08	*BUS EXCEPT	30X36	---	7.50	---	---	---	---	---	---	---	---	---	1	---	---	---	BUS ONLY EXCEPT 4PM - 6PM MON - FRI LEFT LANE	
13EM-02	D3-1	36X8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13E-04/05/06	BUS ONLY EXCEPT 4PM - 6PM MON - FRI SMALL SIGN POST MOUNTED	
13E-09	R10-11B	24X24	---	4.00	---	---	---	---	---	---	---	---	---	---	---	---	POLE	E WASHINGTON AVE SMALL ST SIGN	

SHEET 17 SUBTOTALS:

) REVISED 6/27/23 JAL

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS17

PERMANENT SIGNING SHEET 18 OF 21

[illegible]

SHEET 18 SUBTOTALS:	228.00	1862.11	5.18	446.00	35.00	2	3	5	31	10	62	26	9	2
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REVISÉ 6/27/23 JAL

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS18

PERMANENT SIGNING SHEET 19 OF 21

637.1220 637.2210 637.2215 637.2220 634.0612 634.0616 634.0808 634.0809 634.0810 634.0811 634.0812 634.0814 634.0885																	
SIGN SIGN																	

SHEET 19 SUBTOTALS:	258.00	1952.11	5.18	481.00	35.00	2	3	6	31	10	66	30	9	2
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REVISÉ 6/27/23 JAL

[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225F

MQ-PS19

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT Quantities\Madison BRT MQ Plan Sheets.pptx
LAST PRINT DATE 5/17/2009

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																		
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[illegible]

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

MQ-PS20

FILE NAME: C:\OneDrive\AE\COM\City of Madison BRT Quantities - Cost_Quantities\Madison BRT MQ Plan Sheets.pptx

 REVISED 6/27/23 JAL

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		
SIGN			SIGNS TYPE II															SIGN
SIZE			SIGNS TYPE I	SIGNS TYPE II	REFLECTIVE H	SIGNS TYPE II	SIGNS TYPE II	POSTS WOOD 4X6-INCH		POSTS TUBULAR STEEL 2X2-INCH							MOUNTED	
SIGN	SIGN	WXH	REFLECTIVE SH	REFLECTIVE H	FOLDING	REFLECTIVE SH	REFLECTIVE F	12 FT	16 FT	8 FT	9.5 FT	10 FT	11 FT	12 FT	14 FT	8.5 FT	ON/SAME	
#	CODE	IN	SF	SF	SF	SF	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	POST AS	REMARKS

SHEET 20 SUBTOTALS:

258.00

2034.36

5.18

488.00

35.00

2

3

7

31

10

68

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

2079.36

5.18

488.00

35.00

2

3

8

31

10

70

32

9

2



REVISED 6/27/23 JAL



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MQ-PS21

60631225P

CITY OF MADISON, DANE COUNTY, WI

BUS RAPID TRANSIT

CONTRACT NO: 60631225C

MISCELLANEOUS QUANTITIES

CITY OF MADISON

