

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT
APPROVED

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

City Engineer

Date

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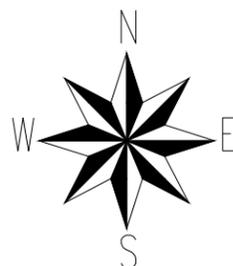
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CITY PROJECT NO. 12777

CONTRACT NO. ###

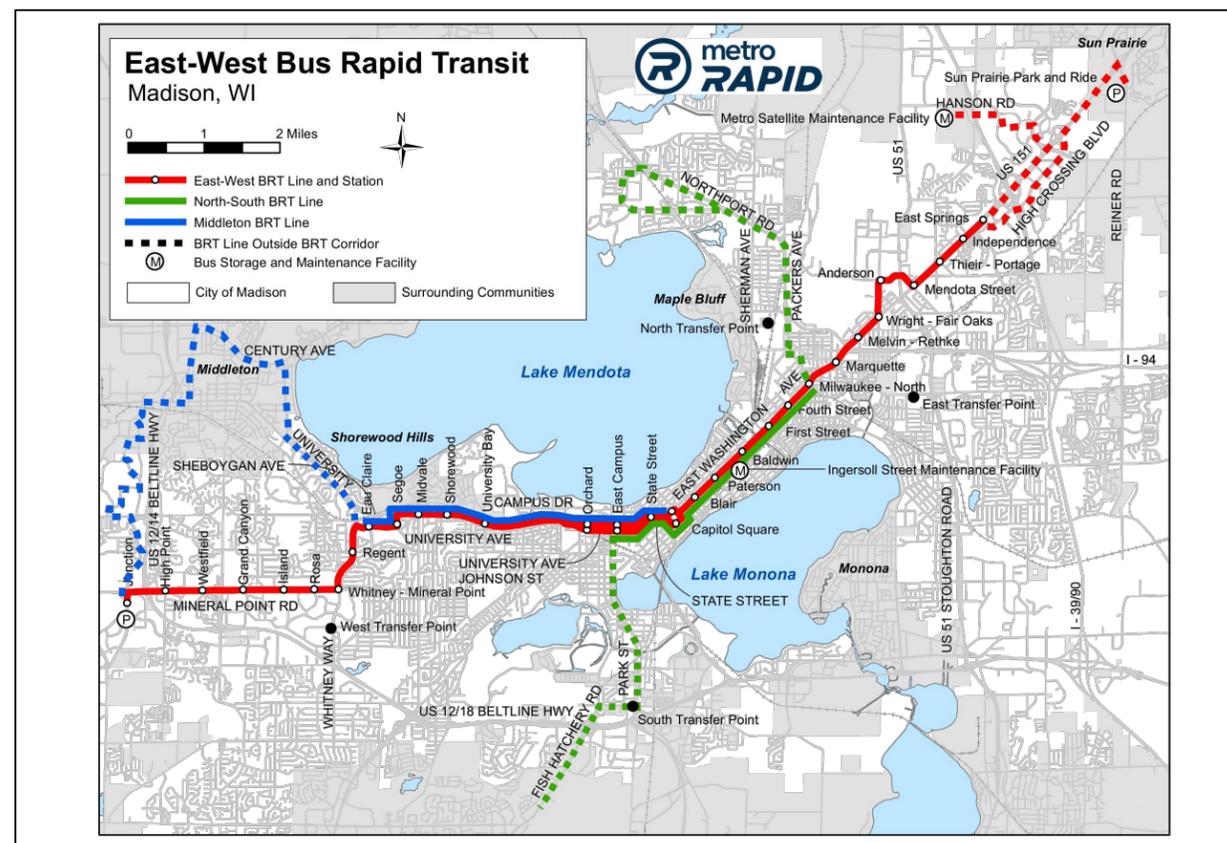
MUNIS NO. #####

DRAFT PS&E PLANS
(JULY 15, 2022)
NOT FOR CONSTRUCTION



CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

COMBUSTIBLE FLUIDS	
BURIED ELECTRIC	— E —
FIBER OPTIC	— FO —
GAS	— G —
OVERHEAD ELECTRIC	— OH —
POWER POLE	
STORM SEWER	— SS —
SANITARY SEWER	— SAN —
COMMUNICATIONS	— TV —
WATER	— W —



PLOT SCALE: 1:1

PLOT NAME: ---

REV. DATE: 6/20/2022 10:46 AM

ORIGINATOR: CITY_OF_MADISON

GENERAL NOTES

1. ANY PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED SHALL BE REPLACED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY CITY TRAFFIC ENGINEERING.
2. THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
3. THE CONTRACTOR SHALL CONTACT BRAD HOFMANN OF CITY FORESTRY AT LEAST ONE WEEK PRIOR TO PLANTING TO SCHEDULE MARKING THE PLANTING SITE, INSPECTING THE NURSERY STOCK, AND REVIEWING PLANTING SPECIFICATIONS WITH THE LANDSCAPER. CONTACT BRAD AT (608) 267-4908.
4. NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE CONTRACTOR HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.
5. ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.4% TOWARD STORM SEWER INLETS.
6. THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK CURB RAMPS SHALL BE CONSTRUCTED ACCORDING TO CITY OF MADISON DRAWINGS 3.03, 3.13, 3.14 OR WISDOT SD-08D05. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG) AND THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
7. OBTAIN A DWG FILE OF THE ALIGNMENTS FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.
8. CURB STATION AND OFFSETS SHALL BE TO THE GUTTER FLANGE UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.
9. SIGNAL AND LIGHTING POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.
10. ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION INCLUDING OBJECTS IN DARK GRAY REPRESENTING PROPOSED WORK IN SEPARATE CONSTRUCTION PROJECTS.
11. THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.
12. PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE FIELD ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE. ALL SAWCUTS TO OCCUR ALONG JOINT LINES UNLESS OTHERWISE DIRECTED BY CONSTRUCTION MANAGEMENT CONSULTANT.
13. DAMAGE TO ANY EXISTING CURB, PAVEMENT, SIDEWALK, ETC. THAT IS TO REMAIN SHALL BE REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. REPAIR COST INCIDENTAL TO THE CONTRACT.
14. CONTRACTOR SHALL AVOID SOIL DISTURANCE AND VEGETATION REMOVAL AT THE JUNCTION ROAD WESTERN TERMINAL FROM OCTOBER 15 TO MARCH 15 TO MINIMIZE POTENTIAL IMPACTS TO THE RPBB/YELLOW BUMBLE BEE.
15. PROVIDE EROSION AND RUNOFF PROVISION MEASURES AS SHOWN IN THE PLANS AND AS DIRECTED BY THE FIELD ENGINEER, INCLUDING IN AREAS OF LAND DISTURBANCE NEAR THE YAHARA RIVER AND STARKWEATHER CREEK.
16. THE BASE AGGREGATE DENSE (BAD) CALCULATIONS ARE BASED ON A UNIT WEIGHT OF 2.0 TONS/CY FOR 1 1/4-INCH BAD AND 2.2 TONS/CY FOR 3-INCH BAD.
17. THE HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON A UNIT WEIGHT OF 112 LBS/SY/IN OF DEPTH.

CONCRETE PAVEMENT STRUCTURE	
STATION	PAVEMENT DESIGN
-JUNCTION ROAD-TRANSIT AREA -EAU CLAIRE AVENUE -ORCHARD STREET EB -EAST CAMPUS MALL WB&EB -STATE STREET WB&EB -CAPITOL SQUARE -FIRST STREET -FOURTH STREET	11-INCH CONCRETE PAVEMENT 6 INCHES BAD 1 1/4-INCH OVER 6 INCHES BAD 3-INCH
-HIGH POINT ROAD -WESTFIELD ROAD -GRAND CANYON ROAD -ISLAND DRIVE -ROSA ROAD -WHITNEY WAY AT MINERAL POINT ROAD -REGENT STREET -SEGOE BOULEVARD -MIDVALE BOULEVARD -SHOREWOOD BOULEVARD -UNIVERSITY BAY DRIVE -BLAIR STREET -PETERSON STREET -BALDWIN STREET -MILWAUKEE NORTH STREET -MARQUETTE STREET -MELVIN COURT-RETHKE AVENUE -ANDERSON STREET WB&EB -MENDOTA STREET CONNECTION -MENDOTA STREET WB&EB -THIERER ROAD-PORTAGE AVENUE WB&EB -INDEPENDENCE LANE WB&EB -EAST SPRINGS DRIVE WB&EB	10-INCH CONCRETE PAVEMENT 6 INCHES BAD 1 1/4-INCH OVER 6 INCHES BAD 3-INCH

HMA PAVEMENT STRUCTURE	
SEGMENT	PAVEMENT DESIGN
-JUNCTION ROAD-NON-TRANSIT AREA	4" HMA PAVEMENT 3 MT 58-28 S OVER 2.5" HMA PAVEMENT 4 MT 58-28 S 8" BAD 1 1/4-INCH OVER 8" BAD 3-INCH

THIS PLAN SET INCLUDES THE WORK FOR CONTRACT A AND CONTRACT B AS FOLLOWS:

CONTRACT A

- ALL WORK SHOWN IN THIS PLAN SET EXCEPT FOR WHAT IS LISTED IN CONTRACT B

CONTRACT B

- JUNCTION ROAD REMOVALS (ALL) AND INFRASTRUCTURE NORTH AND WEST OF THE TRANSIT AREA (SEE SITE PLAN FOR DASHED LINE CALLOUT)
- SHEBOYGAN AVENUE AND WHITNEY WAY
- CAMPUS DRIVE (BOTH EB AND WB)
- RANDALL STREET EB
- CAPTIOL SQUARE AUXILIARY STATIONS
- MENDOTA STREET CONNECTION
- HANSON ROAD SIDEWALK AREA

ALIGNMENT NAMING

- AN ANDERSON STREET
- HR HANSON ROAD SIDEWALK
- JO JOHNSON STREET
- JR JUNCTION ROAD
- ME MENDOTA STREET
- MP MINERAL POINT ROAD
- PNR JUNCTION RD PARK & RIDE BUS BAYS
- PNRL JUNCTION RD PARK & RIDE LOOP
- SH SHEBOYGAN AVENUE
- SE SEGOE ROAD
- ST STATE STREET
- SQN CAPITOL SQUARE NORTH
- SQS CAPITOL SQUARE SOUTH
- UC UNIVERSITY AVE/CAMPUS DR
- UN UNIVERSITY AVE
- WA EAST WASHINGTON AVENUE
- WR WRIGHT STREET
- WW WHITNEY WAY

STATION NAMING

WB UNIVERSITY AVENUE AT MIDVALE BOULEVARD

LOCATION INDICATOR

STATION* NAME

*A STATION CONSISTS A MEDIAN PLATFORM, TWO CURBSIDE PLATFORMS, OR A TERMINAL PLATFORM.

ABBREVIATIONS

- BOC BACK OF CURB
- BOW BACK OF WALK
- EOP EDGE OF PAVEMENT
- FL FLOW LINE
- FOW FRONT OF WALK
- MATCH MATCH EXISTING
- TOP TOP OF PLATFORM

PROJECT CONTACTS

CITY OF MADISON

ENGINEERING DIVISION
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BRT PROGRAM MANAGER
CONTACT NAME: Graham Carey
PHONE: 415-937-3192
EMAIL: GCarey@cityofmadison.com

CITY OF MADISON DEPARTMENT OF TRANSPORTATION
CONTACT NAME: Mike Cechvala
EMAIL: MCechvala@cityofmadison.com

MARK	REVISION	DATE	BY
Designed By: AECOM			Date: 2022-07-17
60631225P			Scale: N/A

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



60631225P

G-2

SHEET LABELS SHOWN AS EXAMPLES
UPDATES WILL OCCUR FOR FINAL SUBMITTAL

DIGGERS HOTLINE

Dial **811** or (800)242-8511

www.DiggersHotline.com

UTILITY CONTACTS

COMPANY NAME: Alliant Energy-Electric
 CONTACT NAME: Chris Gill
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COMPANY NAME: ATC
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COMPANY NAME: Charter Communications Co.
 CONTACT NAME: Neil Huntamer
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COMPANY NAME: City of Madison Engineering - Electric, Signals, Lighting
 CONTACT NAME: Jerry Schippa
 ADDRESS: 215 Martin Luther King Jr Blvd, Suite 109, Madison, WI 53701
 PHONE: 608-267-1969
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COMPANY NAME: City of Madison Engineering - Communications
 CONTACT NAME: Eric Halvorson
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COMPANY NAME: City of Madison Engineering - Sewer
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COMPANY NAME: City of Madison Engineering -Water Utility
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COMPANY NAME: Extenet Systems (# INF1640864)
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COMPANY NAME: Frontier Communications
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COMPANY NAME: Lumen
 CONTACT NAME: Jason Busse
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COMPANY NAME: Madison Gas & Electric
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COMPANY NAME: Madison METRO Sewerage Dist MMS01, MMS02, MMS03
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COMPANY NAME: MCI Communications
 CONTACT NAME: RJ Cicatello
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COMPANY NAME: Midwest Fiber Networks, LLC
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 ADDRESS: 6070 N Flint Rd, Glendale, WI 53209
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COMPANY NAME: ResTech Services
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COMPANY NAME: Rogers Telecom
 CONTACT NAME: Keith Jackson
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COMPANY NAME: Sprint
 CONTACT NAME: Dan Hilliard
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 EMAIL: dan.j.hilliard@t-mobile.com

COMPANY NAME: SupraNet Communications
 CONTACT NAME: Brad Stone
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 PHONE: 608-572-7635
 EMAIL: brads@supranet.net

COMPANY NAME: TDS Metrocom
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 ADDRESS: 525 Junction Rd, Madison, WI 53717
 PHONE: 608-664-4404
 EMAIL: jerry.myers@tdstelecom.com

COMPANY NAME: TDS Telecommunications
 CONTACT NAME: Jerry Myers
 ADDRESS: 525 Junction Rd, Madison, WI 53717
 PHONE: 608-664-4404
 EMAIL: jerry.myers@tdstelecom.com

COMPANY NAME: US SIGNAL
 CONTACT NAME: Ryan Miedema
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 EMAIL: mmeier@shorewood-hills.org

COMPANY NAME: WI Dept Of Admin- Div Of Enterprise Technology WET01
 CONTACT NAME: Robin Zentner
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 CONTACT NAME: Lori Ketter
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 EMAIL: lori.ketter@windstream.com

COMPANY NAME: WISCONSIN DOT - ITS
 CONTACT NAME: Jeffrey Madsen
 ADDRESS: 433 W St Paul Ave, Milwaukee, WI 53203-3007
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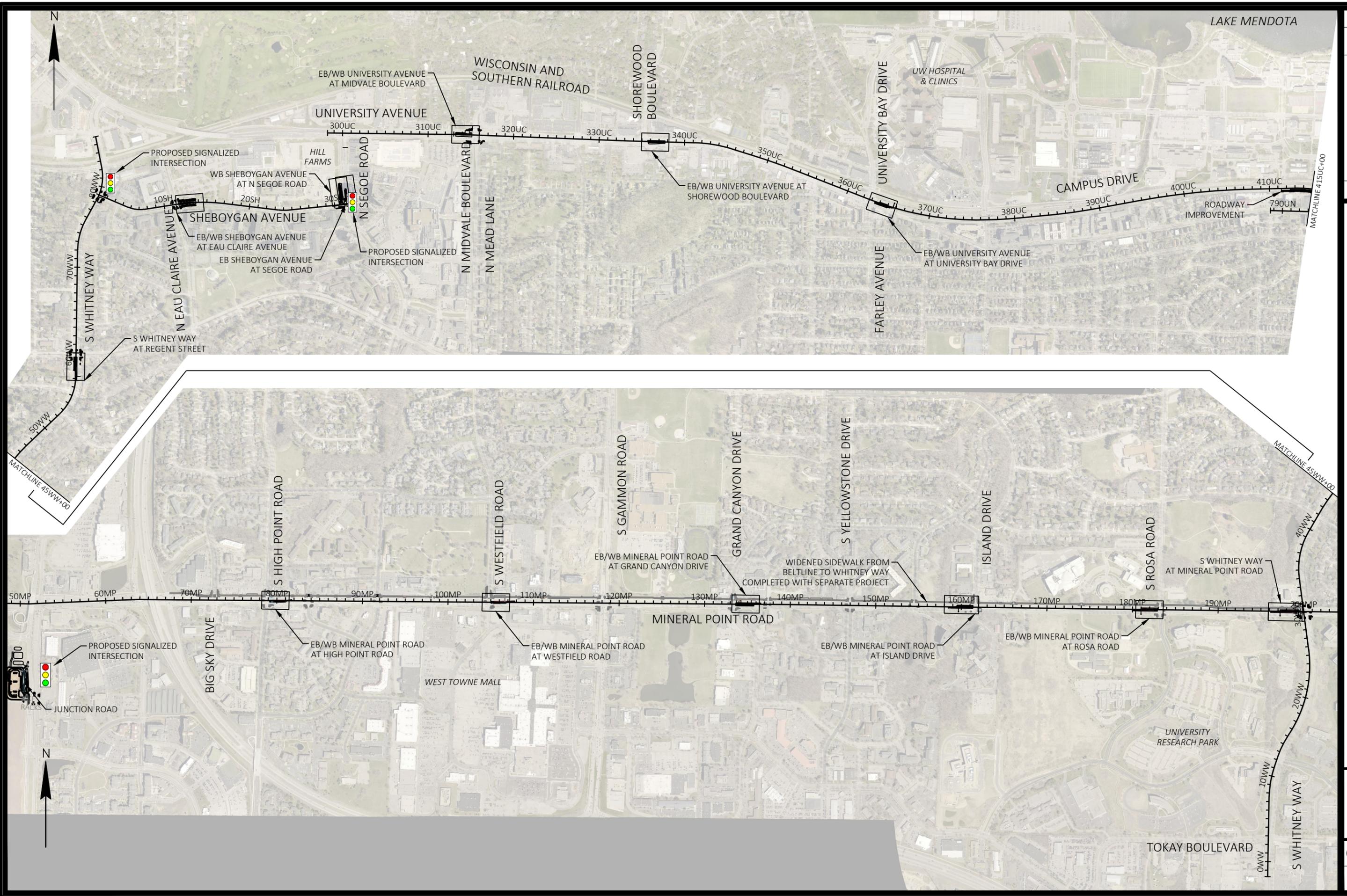
COMPANY NAME: Wisconsin Independent Network (WIN)
 CONTACT NAME: Todd Ellickson
 ADDRESS: 800 Wisconsin Av, Ste 219, Eau Claire WI 54703
 PHONE: 715-832-3750
 EMAIL: todd.ellickson@wintechology.com

MARK	REVISION	DATE	BY
60631225P	2022-07-14		
Designed By: AECOM			
Scale: N/A			

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



60631225P
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MARK	REVISION	DATE	BY
	Designed By: AECOM	Date: 2022-07-14	
	60631225P		

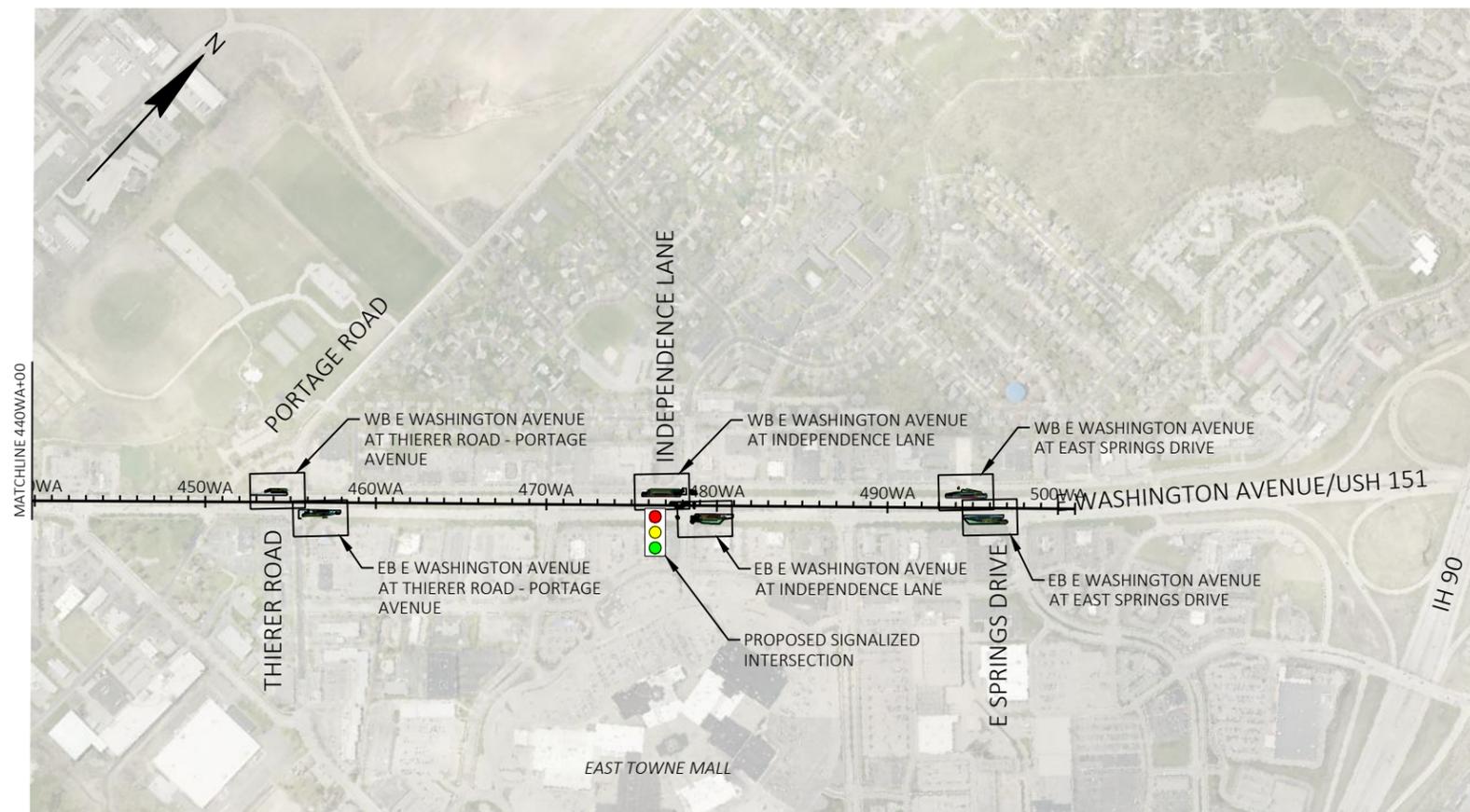
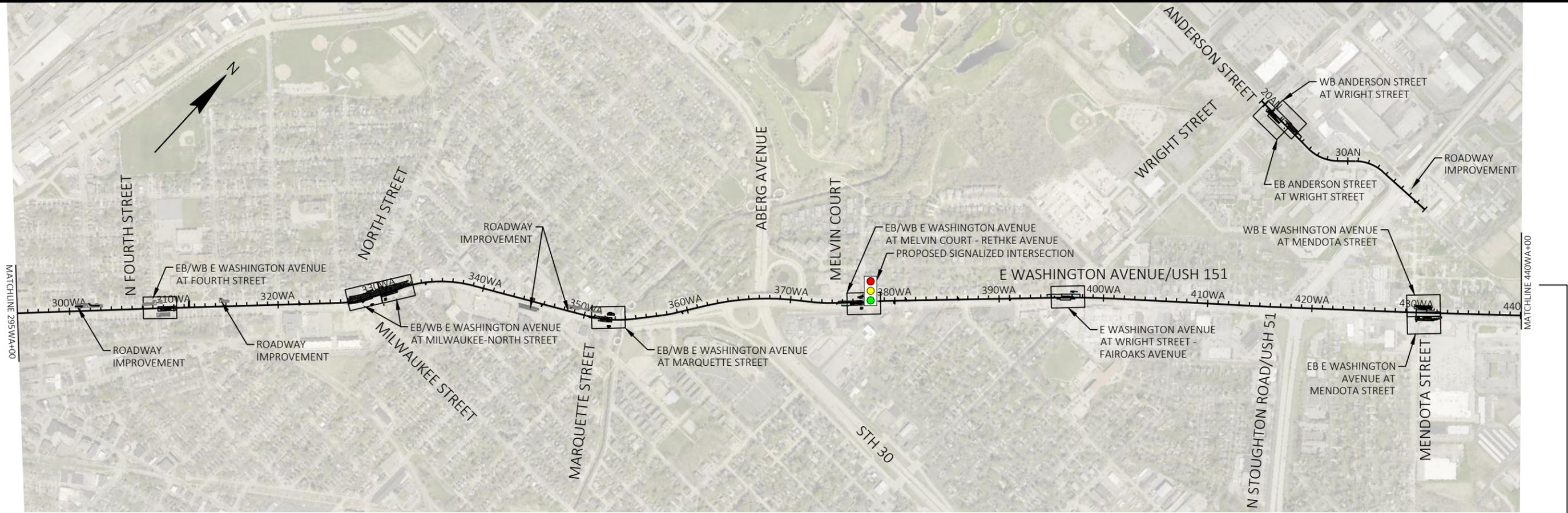
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C

PROJECT OVERVIEW
 BUS RAPID TRANSIT
 CITY OF MADISON



60631225P

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EXTENSION TO SUN PRAIRIE PARK AND RIDE
(O'KEEFE AVENUE & REINER ROAD)
AND METRO SATELLITE MAINTENANCE FACILITY
(HANSON ROAD)
SEE NEXT SHEET

MARK	REVISION	DATE	BY
	Designed By: AECOM	Date: 2022-06-25	60631225P
	Scale: 1 IN=1000 FT		

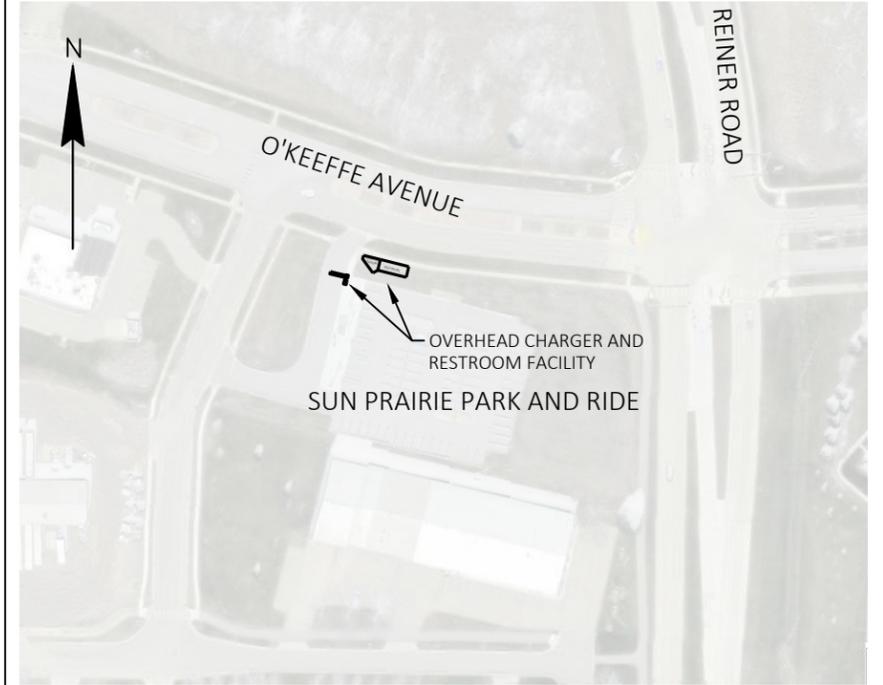
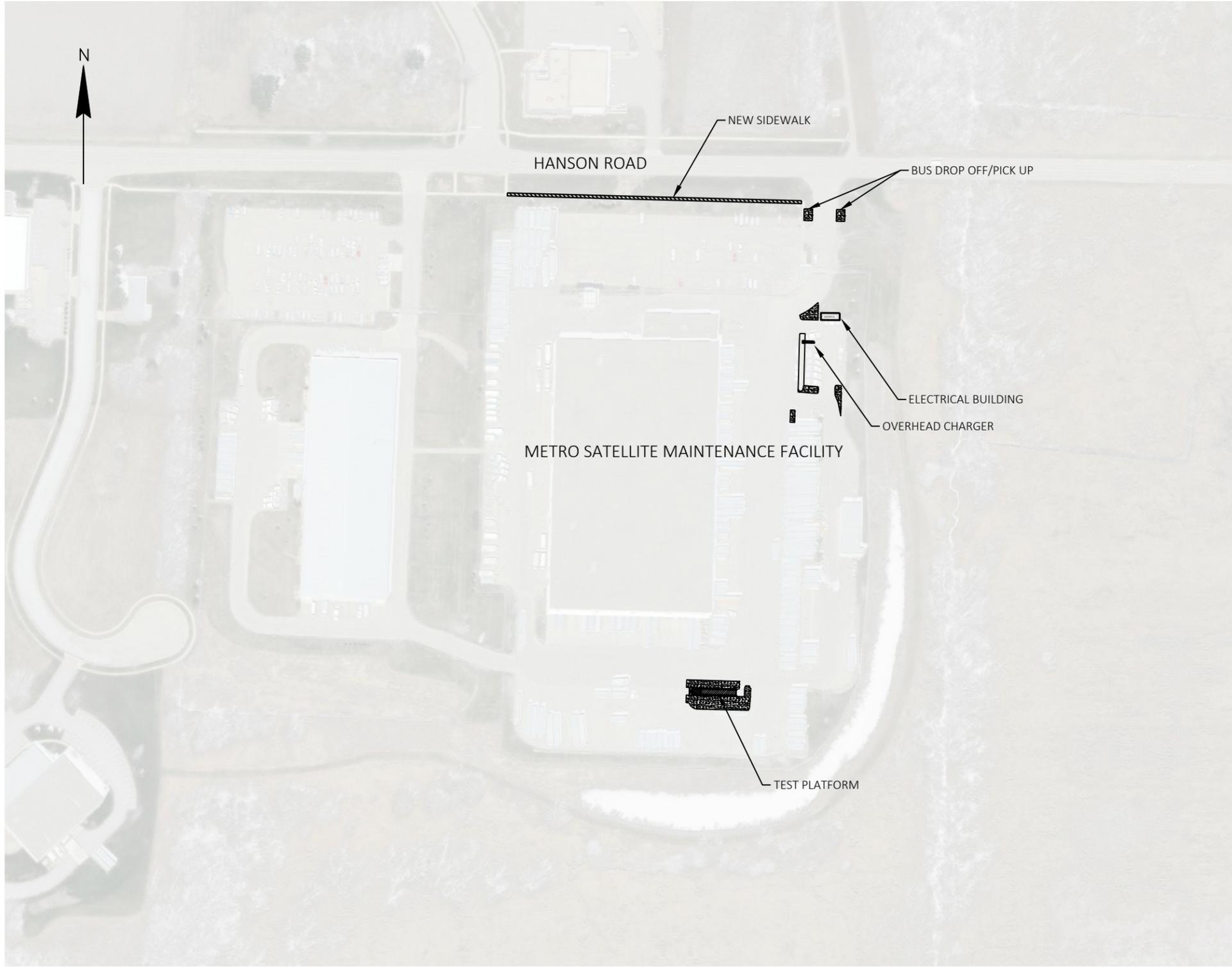
60631225P
CITY OF MADISON, DANE COUNTY, WI
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PROJECT OVERVIEW
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

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MARK	REVISION	DATE	BY

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

PROJECT OVERVIEW
 BUS RAPID TRANSIT
CITY OF MADISON



60631225P

0-4

STATION PLATFORM LOCATION	PLATFORM DIRECTION	PLATFORM LENGTH (FT)	PLATFORM WIDTH (FT)	PLATFORM HEIGHT (IN)	CANOPY SIZE	LONGITUDINAL SLOPE	CROSS SLOPE	PLATFORM DETAIL DWG NO.	PLAN VIEW DWG NO.
JUNCTION ROAD	END OF LINE	60	10	13.5	20'-5" x 9'-6"	0.80%	1.50%	CURBSIDE CHARGING STATION (A7)	
JUNCTION ROAD	END OF LINE	60	10	13.5	20'-5" x 9'-6"	1.55%	1.50%	CURBSIDE CHARGING STATION (A7)	
JUNCTION ROAD	END OF LINE	60	10	13.5	N/A	0.83%	1.50%	NO CANOPY	
MINERAL POINT ROAD AT HIGH POINT ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	2.25%	1.50%	CENTER (B2)	
MINERAL POINT ROAD AT WESTFIELD ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.40%	1.50%	CENTER (B2)	
MINERAL POINT ROAD AT GRAND CANYON DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	3.00%	1.50%	CENTER (B2)	
MINERAL POINT ROAD AT ISLAND DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.60%	1.50%	CENTER (B1)	
MINERAL POINT ROAD AT ROSA ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.80%	1.50%	CENTER (B1)	
WHITNEY WAY AT MINERAL POINT ROAD	EB/WB	60	12	13.5	60'-6" x 11'-0"	4.60%	1.50%	CENTER (B1)	
WHITNEY WAY AT REGENT STREET	EB/WB	50	12	13.5	23'-5" X 11'-0"	1.20%	1.50%	REDUCED CENTER (C)	
SHEBOYGAN AVENUE AT EAU CLAIRE AVENUE	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.10%	1.50%	CENTER (B2)	
SHEBOYGAN AVENUE AT SEGOE ROAD	WB	60	10	13.5	60'-6" x 9'-6"	2.40%	1.50%	CURBSIDE - ISLAND (A1)	
SHEBOYGAN AVENUE AT SEGOE ROAD	EB	60	10	13.5	60'-6" x 9'-6"	2.70%	1.50%	CURBSIDE CENTER (A8)	
UNIVERSITY AVENUE AT MIDVALE BOULEVARD	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.00%	1.50%	CENTER (B1)	
UNIVERSITY AVENUE AT SHOREWOOD BOULEVARD	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.40%	1.50%	CENTER (B2)	
UNIVERSITY AVENUE AT UNIVERSITY BAY DRIVE	EB/WB	60	12	13.5	60'-6" x 11'-0"	0.50%	1.50%	CENTER (B2)	
UNIVERSITY AVENUE AT ORCHARD STREET	WB	60	10	13.5	60'-6" x 9'-6"	0.45%	1.50%	CURBSIDE (A2)	
JOHNSON STREET AT ORCHARD STREET	EB	60	10	13.5	60'-6" x 9'-6"	0.55%	1.50%	CURBSIDE (A2)	
UNIVERSITY AVENUE AT EAST CAMPUS MALL	WB	60	10	13.5	60'-6" x 9'-6"	0.30%	1.50%	CURBSIDE (A2)	
UNIVERSITY AVENUE AT EAST CAMPUS MALL	SB	60	10	13.5	N/A	0.48%	1.50%	NO CANOPY	
JOHNSON STREET AT EAST CAMPUS MALL	EB	60	10	13.5	60'-6" x 9'-6"	1.15%	1.50%	CURBSIDE (A1)	
STATE STREET - JOHNSON STREET	EB	50	10	13.5	23'-5" X 9'-6"	1.60%	1.50%	REDUCED CURBSIDE (A3)	
STATE STREET - GORHAM STREET	WB	50	10	13.5	23'-5" X 9'-6"	2.30%	1.50%	REDUCED CURBSIDE (A4)	
CAPITOL SQUARE - MIFFLIN STREET AT WISCONSON AVENUE	WB	60	10	13.5	60'-6" x 9'-6"	0.95%	1.50%	CURBSIDE (A2)	
CAPITOL SQUARE - MAIN STREET AT MARTLIN LUTHER KING BOULEVARD	EB	60	10	13.5	60'-6" x 9'-6"	1.44%	1.50%	CURBSIDE (A2)	
EAST WASHINGTON AVENUE AT BLAIR STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	4.30%	1.50%	CENTER (B3)	
EAST WASHINGTON AVENUE AT PATERSON STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.3-0.12%	1.43-0.64%	CENTER (B3)	
EAST WASHINGTON AVENUE AT BALDWIN STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.30%	1.50%	CENTER (B3)	
EAST WASHINGTON AVENUE AT FIRST STREET	EB/WB	60	12	13.5	60'-6" X 11'-0"	3.30%	1.50%	CENTER (B1)	
EAST WASHINGTON AVENUE AT FOURTH STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.80%	1.50%	CENTER (B4)	
EAST WASHINGTON AVENUE AT MILWAUKEE-NORTH STREET	WB	60	10	13.5	60'-6" X 9'-6"	0.50%	1.50%	CURBSIDE CENTER (A6)	
EAST WASHINGTON AVENUE AT MILWAUKEE-NORTH STREET	EB	60	10	13.5	60'-6" X 9'-6"	1.06%	1.50%	CURBSIDE CENTER (A5)	
EAST WASHINGTON AVENUE AT MARQUETTE STREET	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.40%	1.50%	CENTER (B3)	
EAST WASHINGTON AVENUE AT MELVIN COURT-RETHKE AVENUE	EB/WB	60	14	13.5	60'-6" X 13'-0"	0.37-0.32%	1.5-1.3%	CENTER (B3)	
EAST WASHINGTON AVENUE AT WRIGHT STREET - FAIR OAKS AVENUE	EB/WB	60	12	13.5	60'-6" x 11'-0"	1.65%	1.50%	CENTER (B1)	
WRIGHT STREET AT ANDERSON STREET	WB	60	10	13.5	60'-6" X 9'-6"	1.00%	1.50%	CURBSIDE - ISLAND (A2)	
WRIGHT STREET AT ANDERSON STREET	EB	60	10	13.5	60'-6" X 9'-6"	1.10%	1.50%	CURBSIDE - ISLAND (A1)	
EAST WASHINGTON AVENUE AT MENDOTA STREET	WB	50	10	13.5	23'-5" X 9'-6"	0.60%	1.50%	REDUCED CURBSIDE (A4)	
EAST WASHINGTON AVENUE AT MENDOTA STREET	EB	60	10	13.5	60'-6" X 9'-6"	0.95%	1.50%	CURBSIDE - ISLAND (A1)	
EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE	WB	60	10	13.5	60'-6" X 9'-6"	0.50%	1.50%	CURBSIDE - ISLAND (A1)	
EAST WASHINGTON AVENUE AT THIERER ROAD - PORTAGE AVENUE	EB	60	10	13.5	60'-6" X 9'-6"	0.70%	1.50%	CURBSIDE - ISLAND (A1)	
EAST WASHINGTON AVENUE AT INDEPENDENCE LANE	WB	60	10	13.5	60'-6" X 9'-6"	1.10%	1.50%	CURBSIDE - ISLAND (A1)	
EAST WASHINGTON AVENUE AT INDEPENDENCE LANE	EB	60	10	13.5	60'-6" X 9'-6"	1.30%	1.50%	CURBSIDE - ISLAND (A1)	
EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE	WB	60	10	13.5	60'-6" X 9'-6"	2.90%	1.50%	CURBSIDE - ISLAND (A1)	
EAST WASHINGTON AVENUE AT EAST SPRINGS DRIVE	EB	60	10	13.5	60'-6" X 9'-6"	2.45%	1.50%	CURBSIDE - ISLAND (A2)	
HANSON ROAD TEST PLATFORM	EB/WB	60	12	13.5	N/A		1.50%	NO CANOPY	

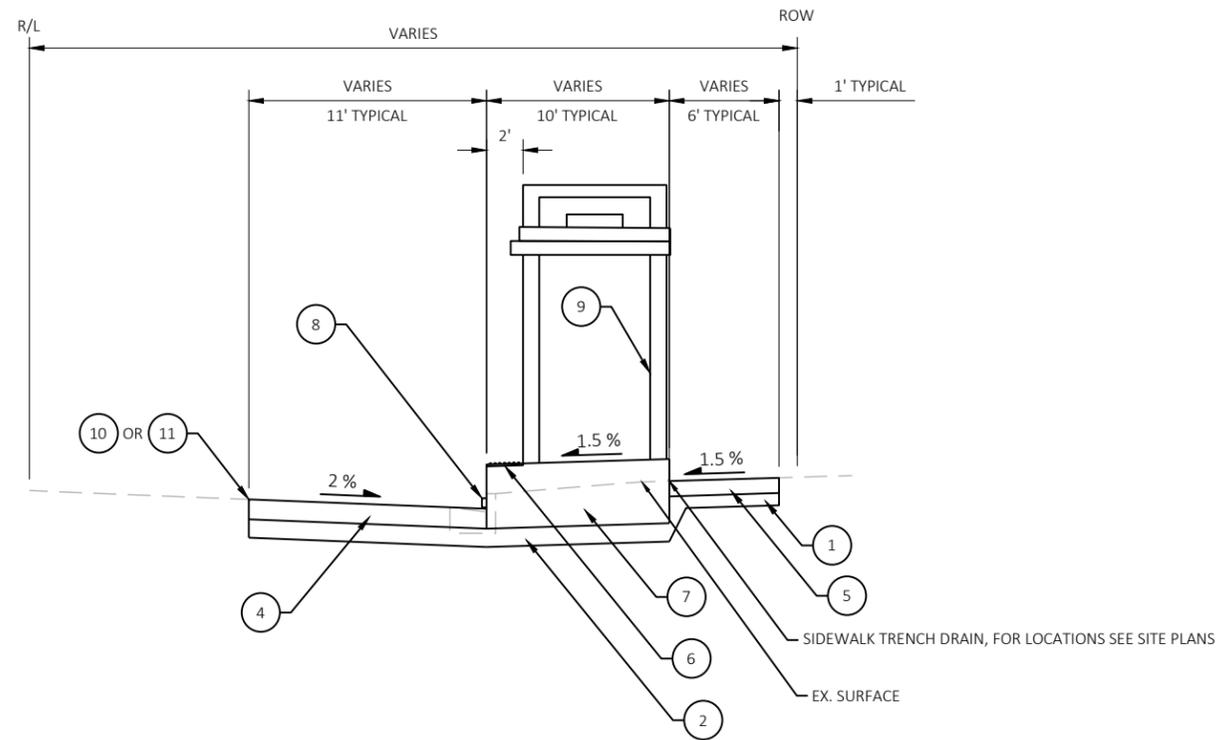
DWG NO. TO BE PROVIDED W/ FINAL PLAN SET

PLATFORM & CANOPY TYPE	TOTAL
CURBSIDE (A1)	1
CURBSIDE (A2)	5
CURBSIDE - ISLAND (A1)	8
CURBSIDE - ISLAND (A2)	2
REDUCED CURBSIDE (A3)	1
REDUCED CURBSIDE (A4)	2
CURBSIDE CENTER (A5)	1
CURBSIDE CENTER (A6)	1
CURBSIDE CHARGING STATION (A7)	2
CURBSIDE CENTER (A8)	1
CENTER (B1)	6
CENTER (B2)	6
CENTER (B3)	5
CENTER (B4)	1
REDUCED CENTER (C)	1
NO CANOPY	3

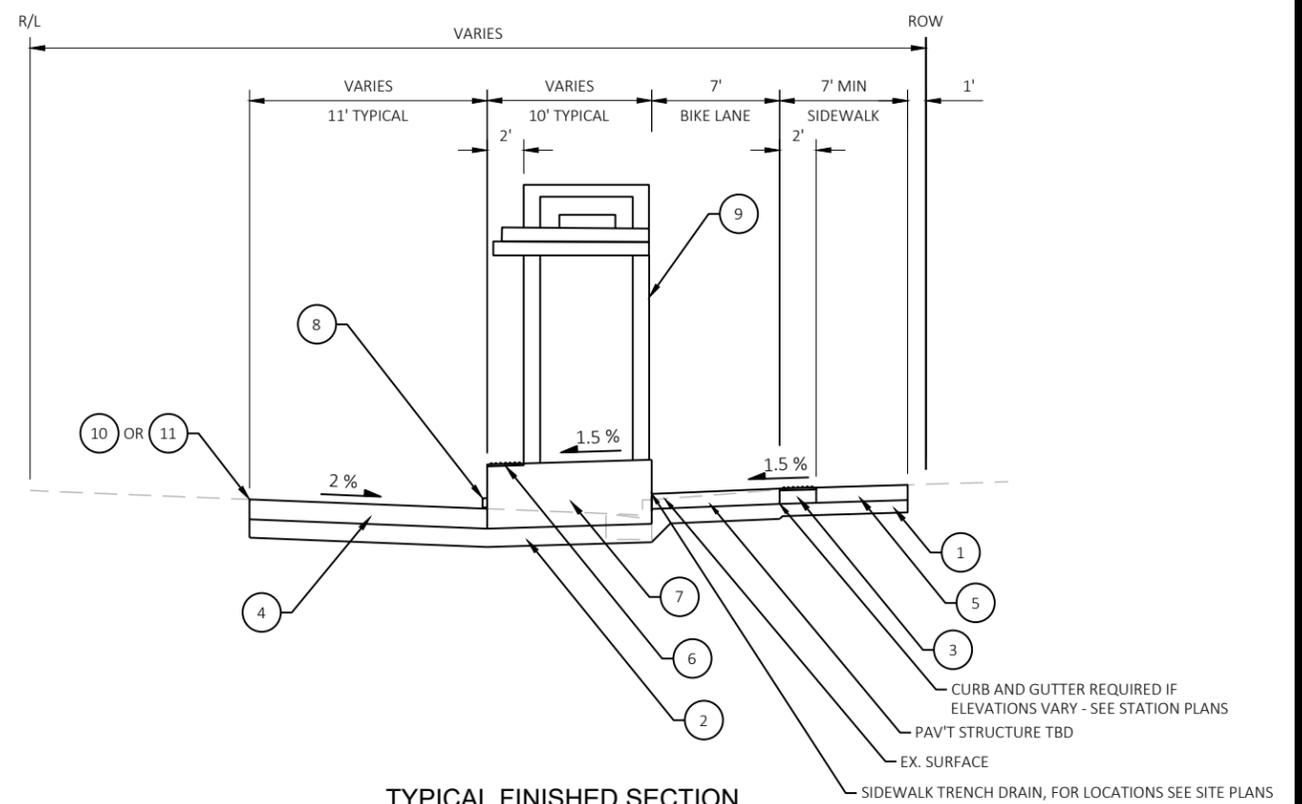
60631225P	CITY OF MADISON, DANE COUNTY, WI	CONTRACT NO: 60631225C	PROJECT OVERVIEW	BUS RAPID TRANSIT	CITY OF MADISON
					
60631225P					
0-5					

MARK	REVISION	DATE	BY

Designed By: AECOM | Date: 2022-07-15 | Scale: N/A
60631225P



TYPICAL FINISHED SECTION
CURBSIDE STATION PLATFORM



TYPICAL FINISHED SECTION
CURBSIDE STATION PLATFORM - ISLAND

LEGEND

- 1 2" BAD 1 1-4-INCH
- 2 6" BAD 3-INCH UNDER 6" BAD 1 1-4-INCH
- 3 TACTILE WARNING SURFACE OR CURB AND GUTTER
- 4 CONCRETE PAVEMENT, SEE GENERAL NOTES SHEET FOR DEPTH AND SITE PLANS FOR COLOR
- 5 5-INCH CONCRETE SIDEWALK
- 6 DETECTABLE WARNING FIELDS - SEE ARCHITECTURAL PLANS
- 7 1'-10" REINFORCED CONCRETE PLATFORM (SEE STRUCTURAL PLANS)
- 8 DOCKING GUIDE STRIP
- 9 STATION SHELTER (SCHEMATIC - SEE ARCHITECTURAL PLANS FOR DETAILS)
- 10 SAWCUT CONCRETE FULL DEPTH
- 11 SAWCUT ASPHALT PAVEMENT

NOTE: ALL TYPICAL SECTIONS WIDTHS AND SLOPES FOR REFERENCE ONLY. SEE SITE AND GRADING PLANS FOR STATION SPECIFIC DETAILS.

MARK	REVISION	DATE	BY

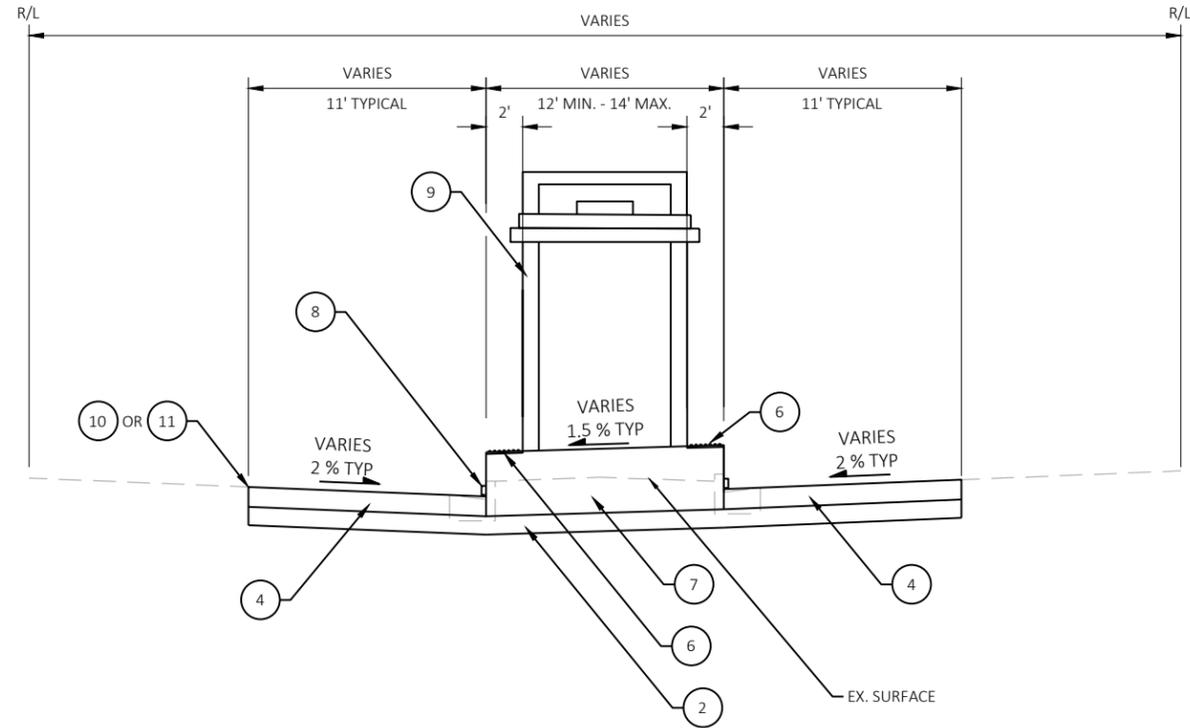
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

TYPICAL SECTIONS - CURBSIDE STATION PLATFORM
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

TS-1



TYPICAL FINISHED SECTION
CENTER RUNNING STATION PLATFORM

LEGEND

- 1 2" BAD 1 1-4-INCH
- 2 6" BAD 3-INCH UNDER 6" BAD 1 1-4-INCH
- 3 TACTILE WARNING SURFACE OR CURB AND GUTTER
- 4 CONCRETE PAVEMENT, SEE GENERAL NOTES SHEET FOR DEPTH AND SITE PLANS FOR COLOR
- 5 5-INCH CONCRETE SIDEWALK
- 6 DETECTABLE WARNING FIELDS - SEE ARCHITECTURAL PLANS
- 7 1'-10" REINFORCED CONCRETE PLATFORM (SEE STRUCTURAL PLANS)
- 8 DOCKING GUIDE STRIP
- 9 STATION SHELTER (SCHEMATIC - SEE ARCHITECTURAL PLANS FOR DETAILS)
- 10 SAWCUT CONCRETE FULL DEPTH
- 11 SAWCUT ASPHALT PAVEMENT

NOTE: ALL TYPICAL SECTIONS WIDTHS AND SLOPES FOR REFERENCE ONLY. SEE SITE AND GRADING PLANS FOR STATION SPECIFIC DETAILS.

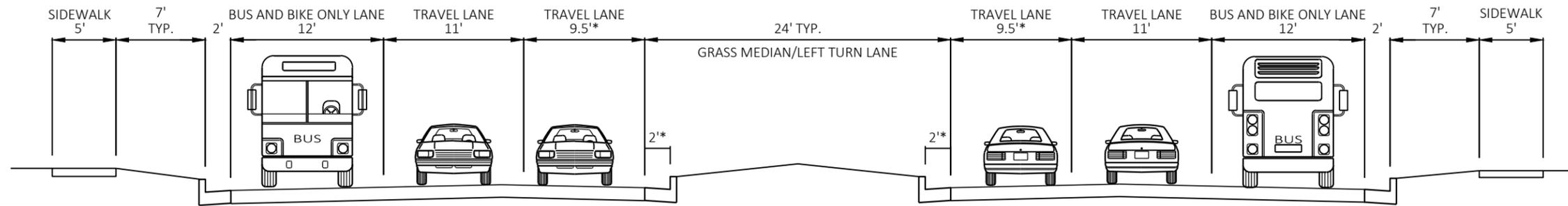
MARK	REVISION	DATE	BY
60631225P	Designed By: AECOM	Date: 2022-07-14	Scale: 1 IN:10 FT

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

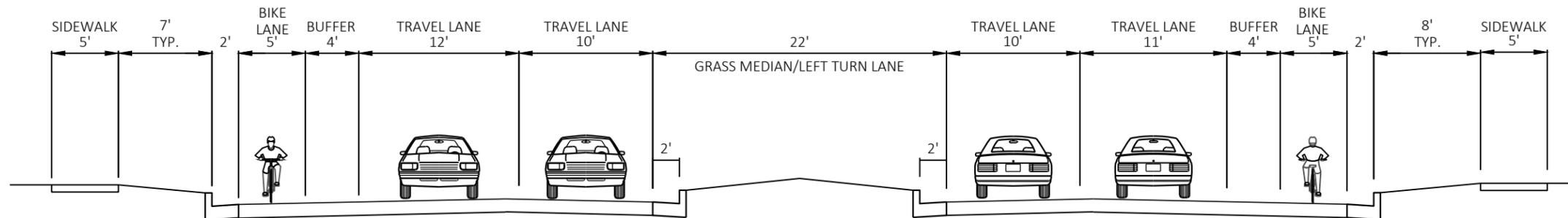


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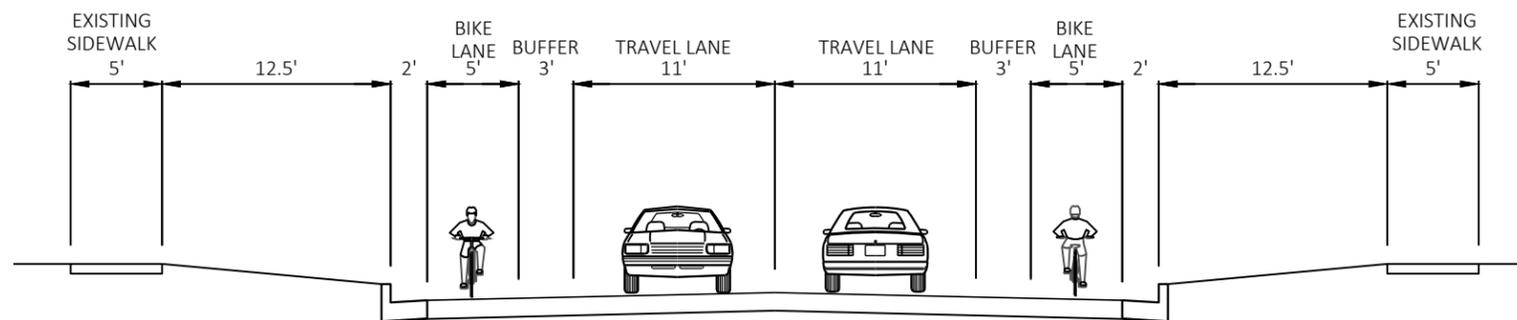
TS-2



EXISTING TYPICAL SECTION
MINERAL POINT ROAD
LOOKING EAST



EXISTING TYPICAL SECTION
WHITNEY WAY
LOOKING NORTH



EXISTING TYPICAL SECTION
SHEBOYGAN AVENUE
LOOKING EAST

* TRAVEL LANES 11' AND MEDIAN GUTTER 1' WEST OF GRAND CANYON DRIVE
NOTE: BUFFERED BIKE LANES SHOWN ARE EXPECTED TO BE INCORPORATED PRIOR TO BRT CONSTRUCTION

REVISION	DATE	BY
MARK	2022-07-08	60631225P
Designed By: AECOM	Date: 2022-07-08	Scale: 1 IN:10 FT

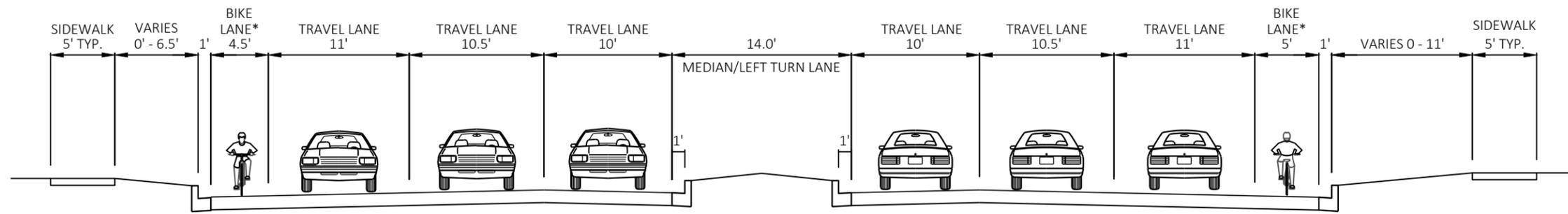
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

TYPICAL SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON

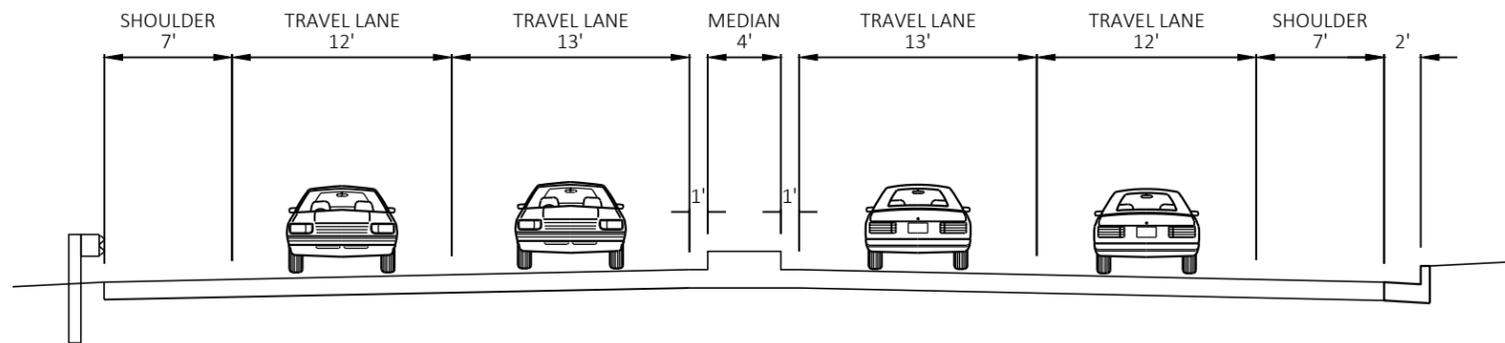


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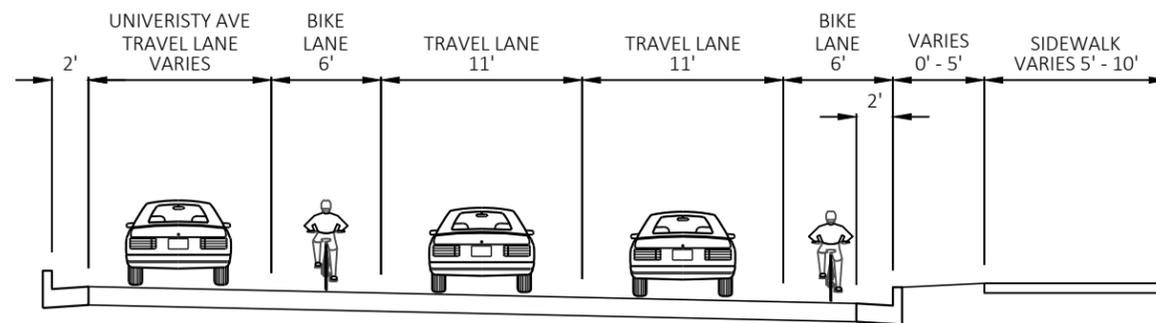
TS-3



EXISTING TYPICAL SECTION
UNIVERSITY AVENUE
LOOKING EAST



EXISTING TYPICAL SECTION
CAMPUS DRIVE
LOOKING EAST



EXISTING TYPICAL SECTION
CAMPUS DRIVE NEAR BABCOCK DRIVE
LOOKING WEST

*BIKE LANE WEST OF SHOREWOOD BOULEVARD

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60631225P	Designed By: AECOM	2022-07-08	Scale: 1 IN:10 FT

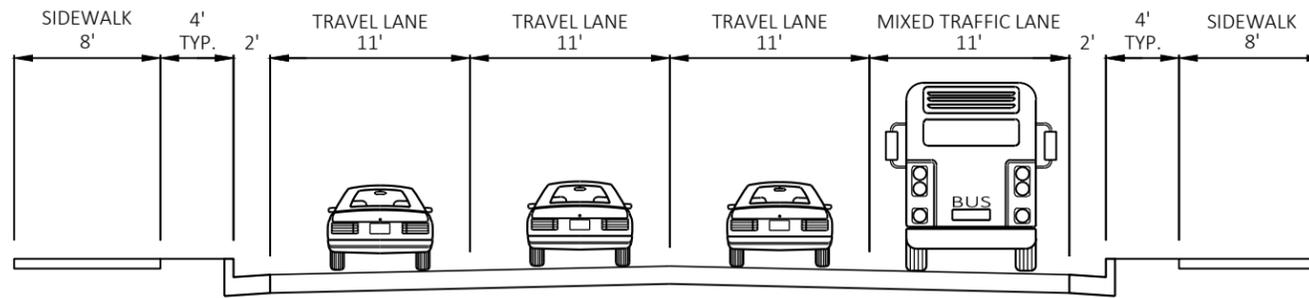
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CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

TYPICAL SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON

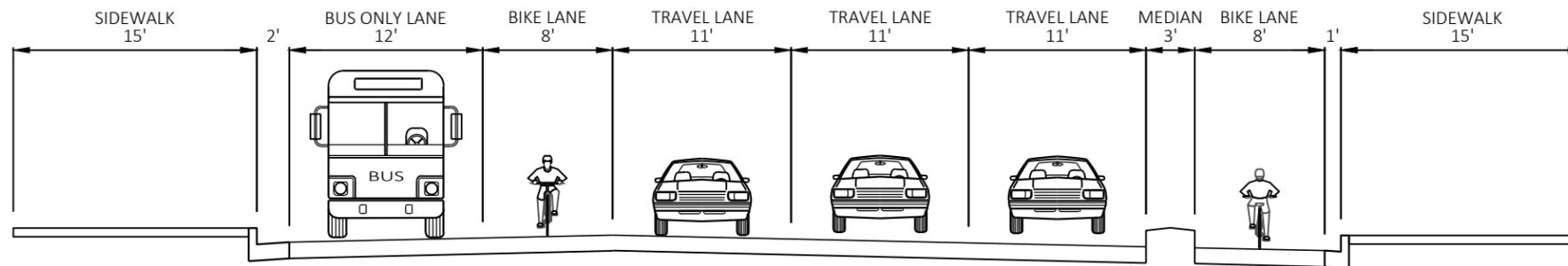


60631225P

TS-4



EXISTING TYPICAL SECTION
W JOHNSON STREET
LOOKING EAST



EXISTING TYPICAL SECTION
UNIVERSITY AVE
LOOKING EAST

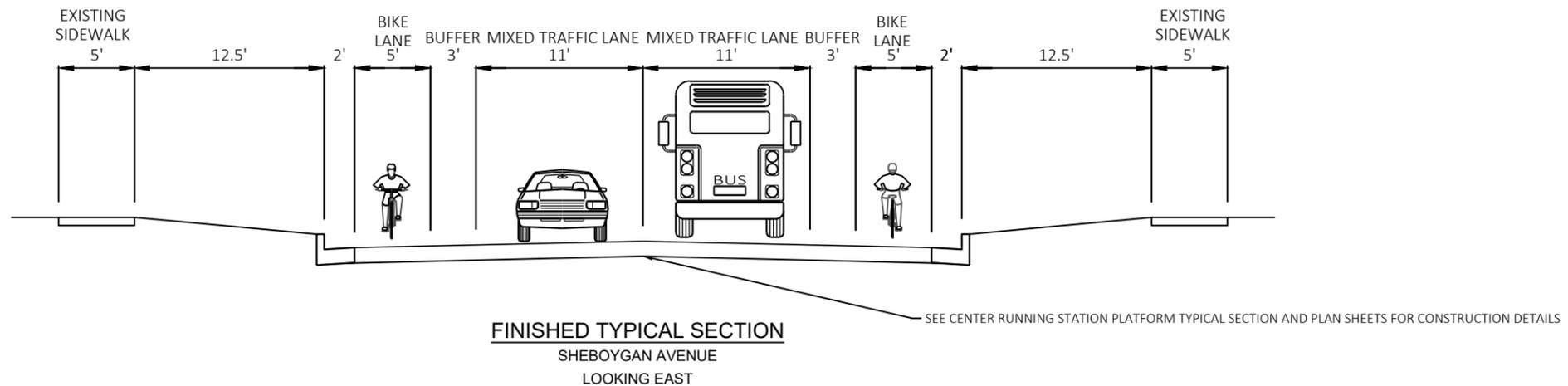
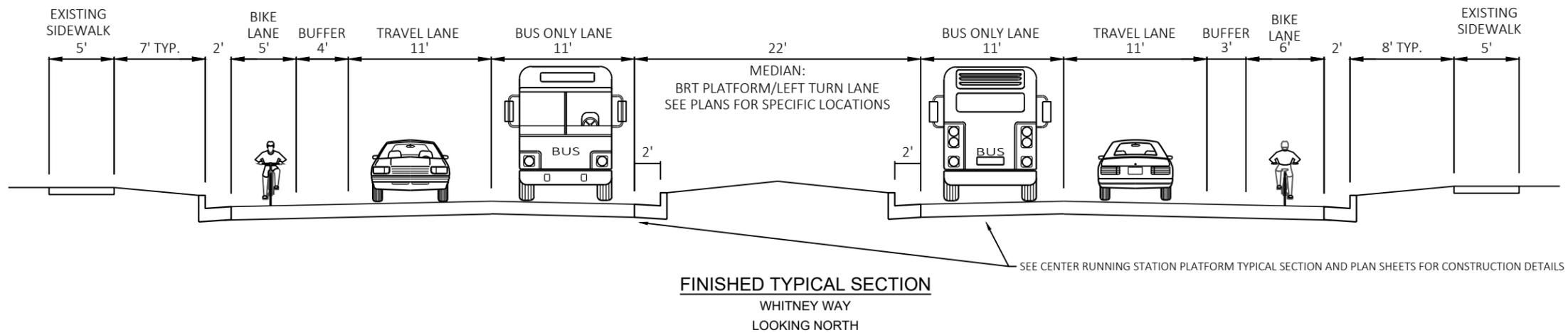
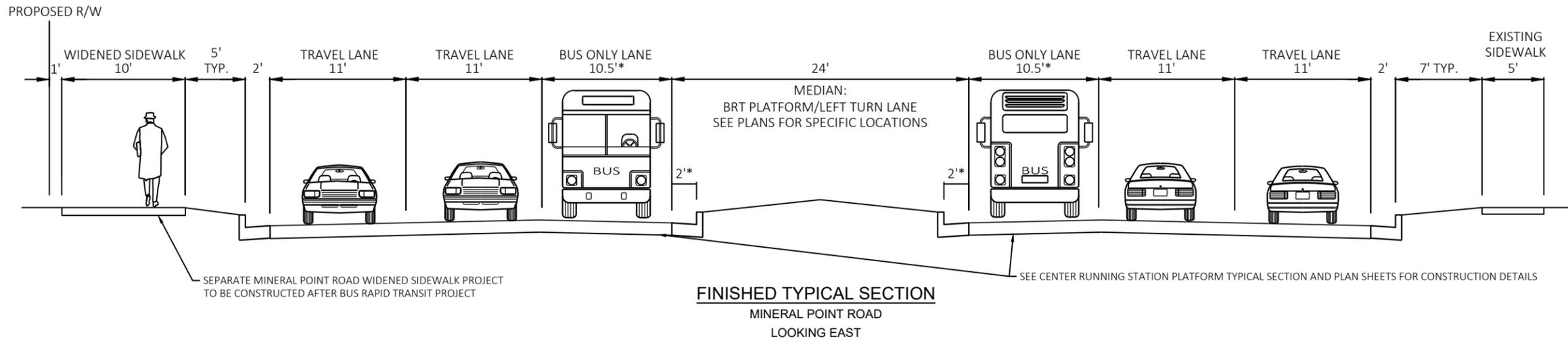
MARK	REVISION	DATE	BY
	Designed By: AECOM	2022-07-08	
	60631225P		

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

TYPICAL SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON



60631225P
TS-5



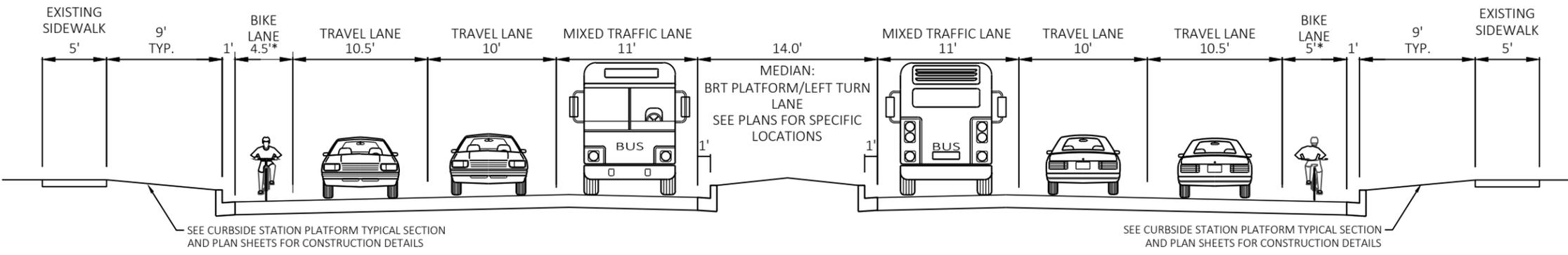
*BUS ONLY LANES 11' AND MEDIAN GUTTER 1' WEST OF GRAND CANYON DRIVE
NOTE: ALL TYPICAL SECTIONS WIDTHS FOR REFERENCE ONLY. SEE PAVEMENT MARKING PLANS FOR VARIABILITY WITHIN SEGMENTS.

MARK	REVISION	DATE	BY
60631225P	Designed By: AECOM	2022-07-08	Scale: 1 IN=10 FT

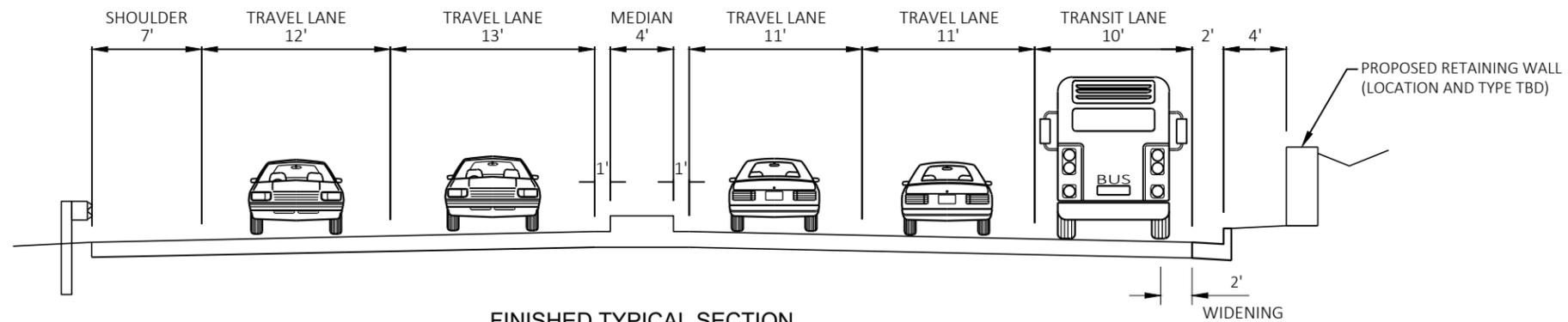
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

TYPICAL SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON

60631225P
TS-6



FINISHED TYPICAL SECTION
UNIVERSITY AVENUE
LOOKING EAST



FINISHED TYPICAL SECTION
CAMPUS DRIVE EAST OF PEDESTRIAN BRIDGE TO UNIVERSITY AVENUE
LOOKING EAST

*BIKE LANE WEST OF SHOREWOOD BOULEVARD
NOTE: ALL TYPICAL SECTIONS WIDTHS FOR REFERENCE ONLY. SEE PAVEMENT MARKING PLANS FOR VARIABILITY WITHIN SEGMENTS.

MARK	REVISION	DATE	BY
60631225P	Designed By: AECOM	2022-07-08	

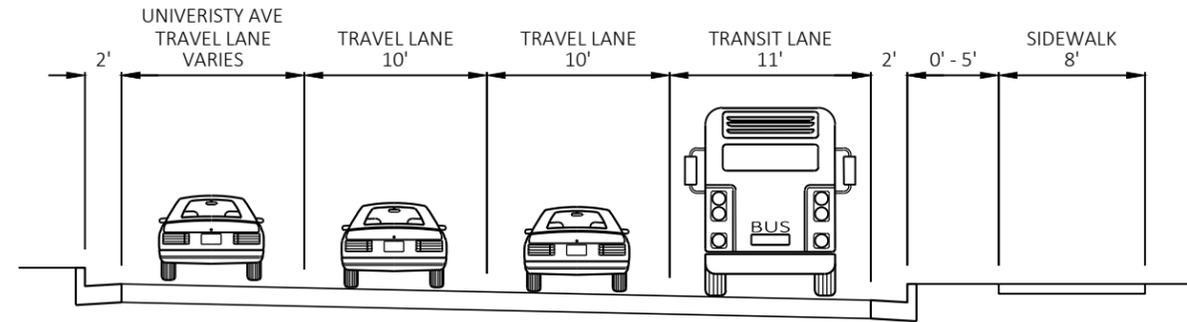
60631225P
CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

TYPICAL SECTIONS
BUS RAPID TRANSIT
CITY OF MADISON

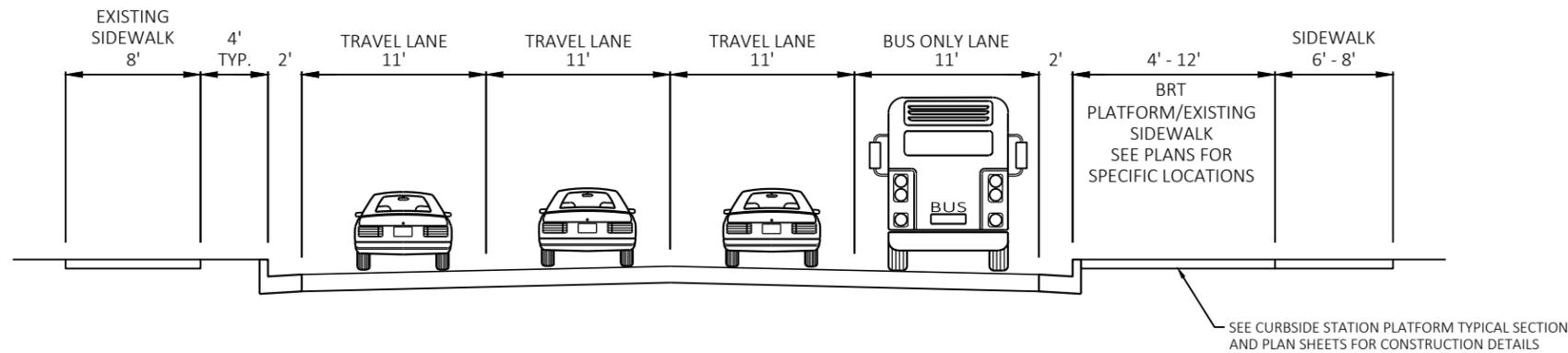


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TS-7



FINISHED TYPICAL SECTION
CAMPUS DRIVE WIDENING NEAR BABCOCK DRIVE
LOOKING WEST



FINISHED TYPICAL SECTION
W JOHNSON STREET
LOOKING EAST

NOTE: ALL TYPICAL SECTIONS WIDTHS FOR REFERENCE ONLY. SEE PAVEMENT MARKING PLANS FOR VARIABILITY WITHIN SEGMENTS.

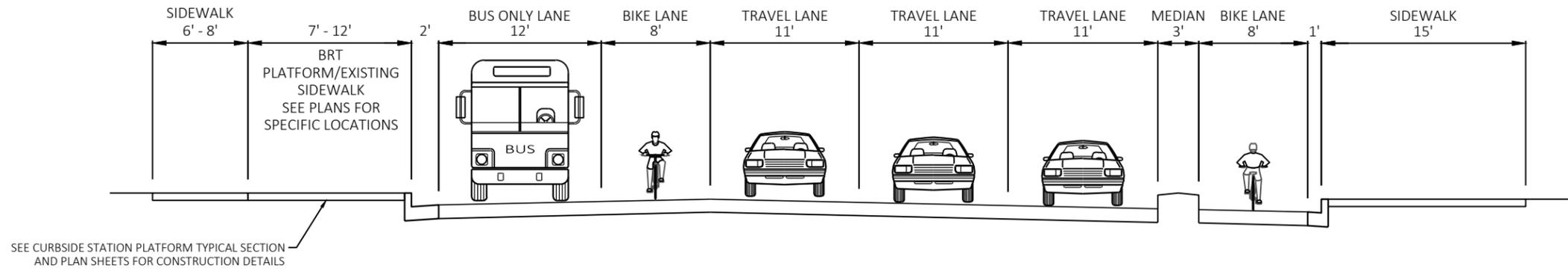
MARK	REVISION	DATE	BY
	Designed By: AECOM	2022-07-08	60631225P
	Date:	2022-07-08	Scale: 1 IN=10 FT

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



60631225P

TS-8



FINISHED TYPICAL SECTION
 UNIVERSITY AVE
 LOOKING EAST

NOTE: ALL TYPICAL SECTIONS WIDTHS FOR REFERENCE ONLY. SEE PAVEMENT MARKING PLANS FOR VARIABILITY WITHIN SEGMENTS.

MARK	REVISION	DATE	BY

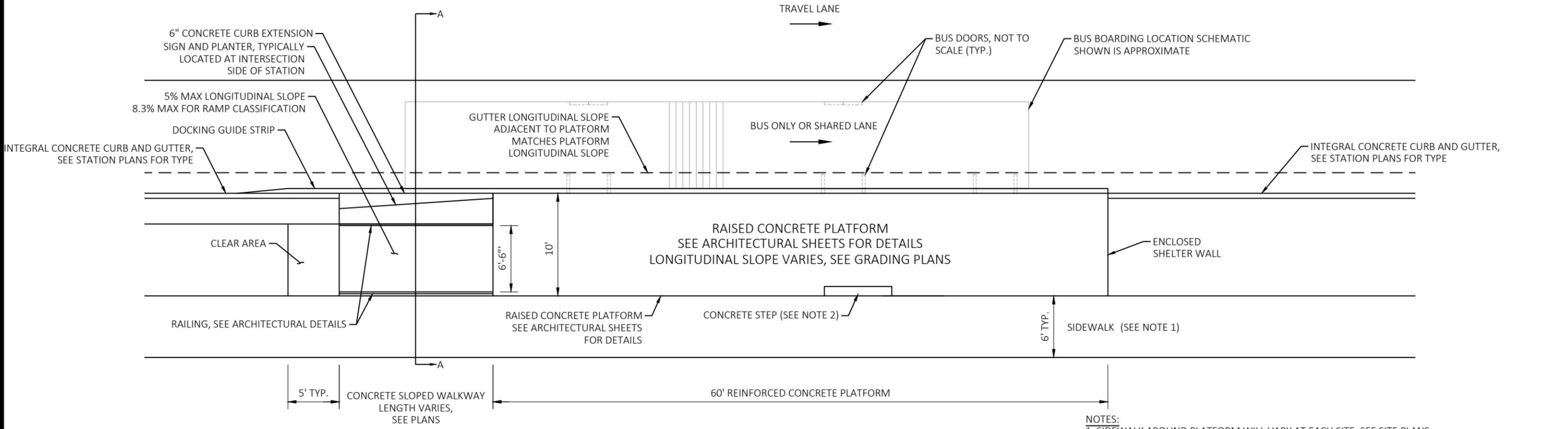
Designed By: AECOM
 Date: 2022-07-08
 60631225P
 Scale: 1 IN:10 FT

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



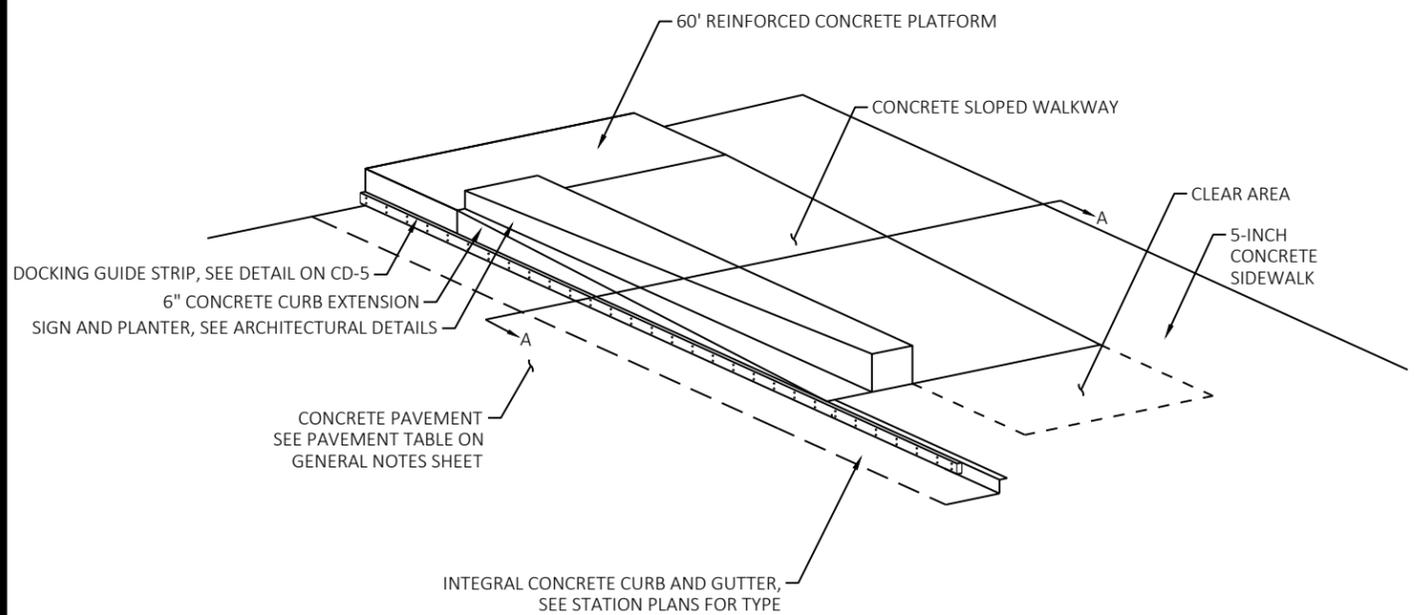
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TS-9

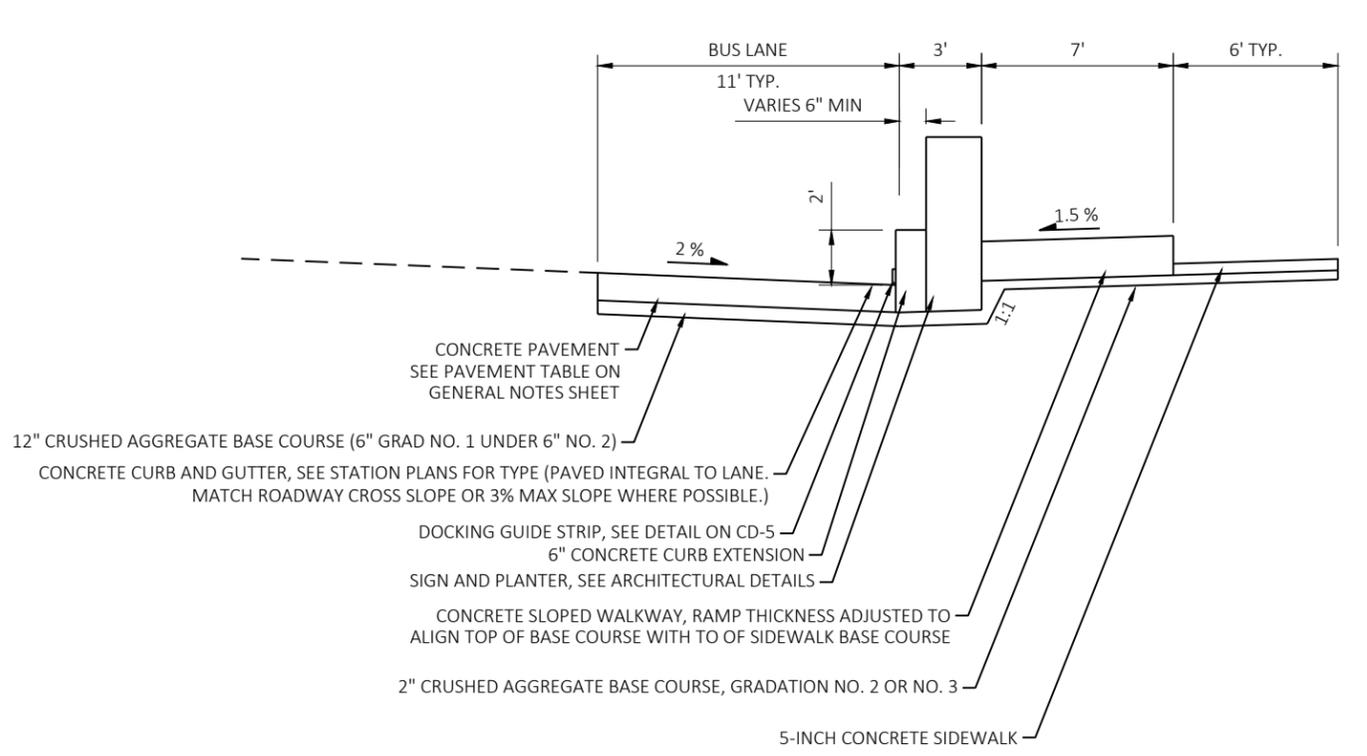


CURBSIDE STATION PLATFORM AREA DETAIL
 PLAN VIEW
 TYPE A2 SHOWN, TYPE A1 HAS RAMP ON OPPOSITE SIDE OF PLATFORM
 SEE ARCHITECTURAL SHEETS FOR DETAILS

NOTES:
 1. SIDEWALK AROUND PLATFORM WILL VARY AT EACH SITE, SEE SITE PLANS.
 2. IT IS PREFERRED THE SIDEWALK BE RAISED TO MEET PLATFORM HEIGHT. IF NOT POSSIBLE, A STEP WILL BE PROVIDED FOR ACCESS. SEE GRADING PLANS FOR SITE SPECIFIC DETAILS.

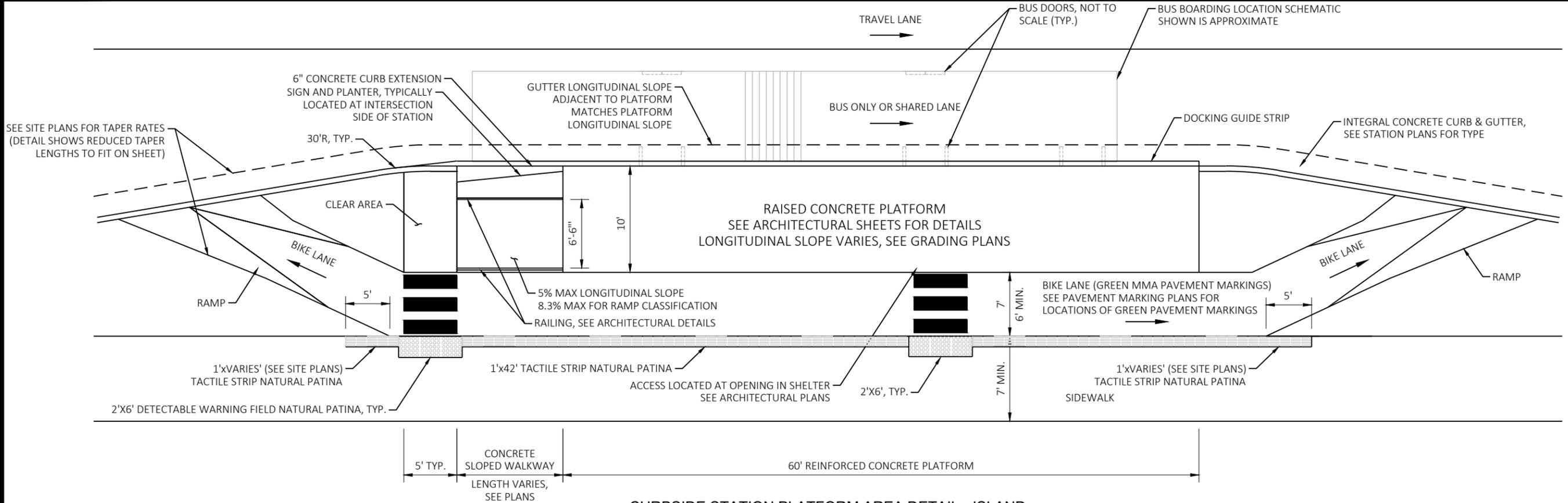


ISOMETRIC VIEW OF CONCRETE SLOPED WALKWAY

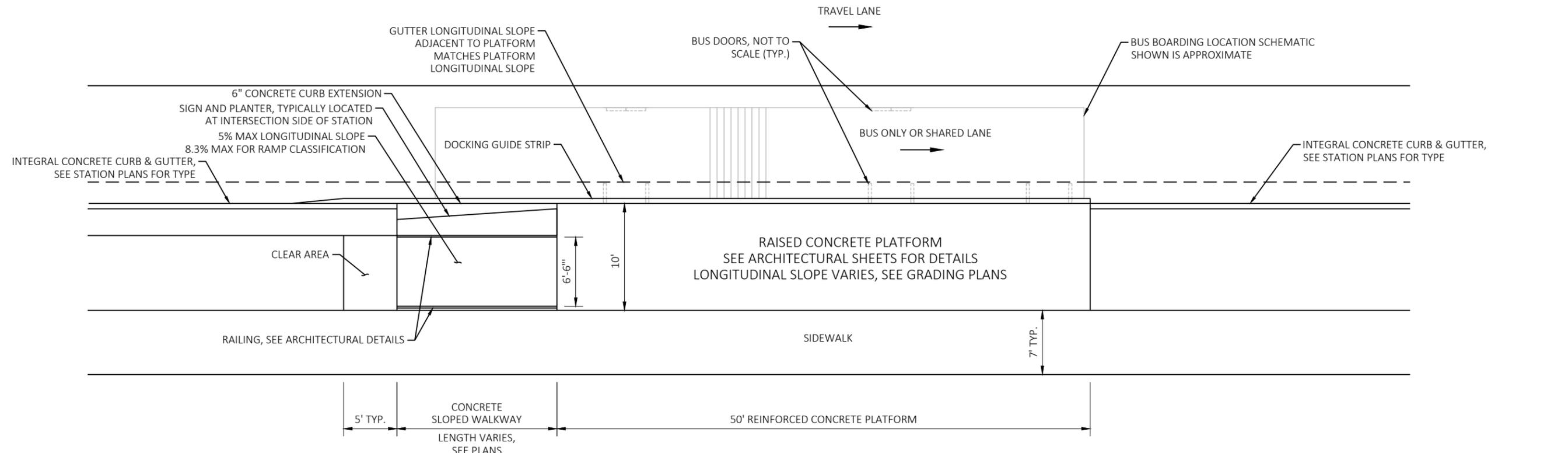


TYPICAL SECTION A-A OF CONCRETE SLOPED WALKWAY

MARK	REVISION	DATE	BY
60631225P	2022-07-17		
Designed By: AECOM/Date: 2022-07-17			
Scale: NTS			
60631225P			
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CITY OF MADISON, DANE COUNTY, WI			
CONTRACT NO: 60631225C			
CITY OF MADISON			
BUS RAPID TRANSIT			
CONSTRUCTION DETAILS			
60631225P			
CD-1			



CURBSIDE STATION PLATFORM AREA DETAIL - ISLAND
 PLAN VIEW
 TYPE A2 SHOWN, TYPE A1 HAS RAMP ON OPPOSITE SIDE OF PLATFORM
 SEE ARCHITECTURAL SHEETS FOR DETAILS



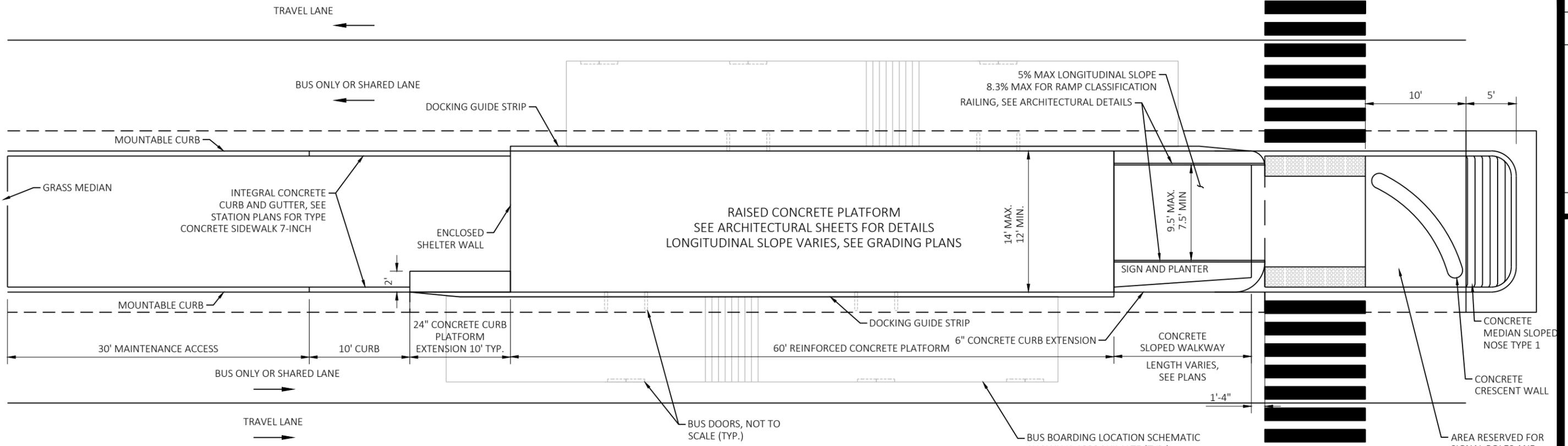
REDUCED CURBSIDE STATION PLATFORM AREA DETAIL
 PLAN VIEW
 TYPE A3 SHOWN, TYPE A4 HAS RAMP ON OPPOSITE SIDE OF PLATFORM
 SEE ARCHITECTURAL SHEETS FOR DETAILS

MARK	REVISION	DATE	BY
60631225P	2022-07-17		

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 CITY OF MADISON, DANE COUNTY, WI
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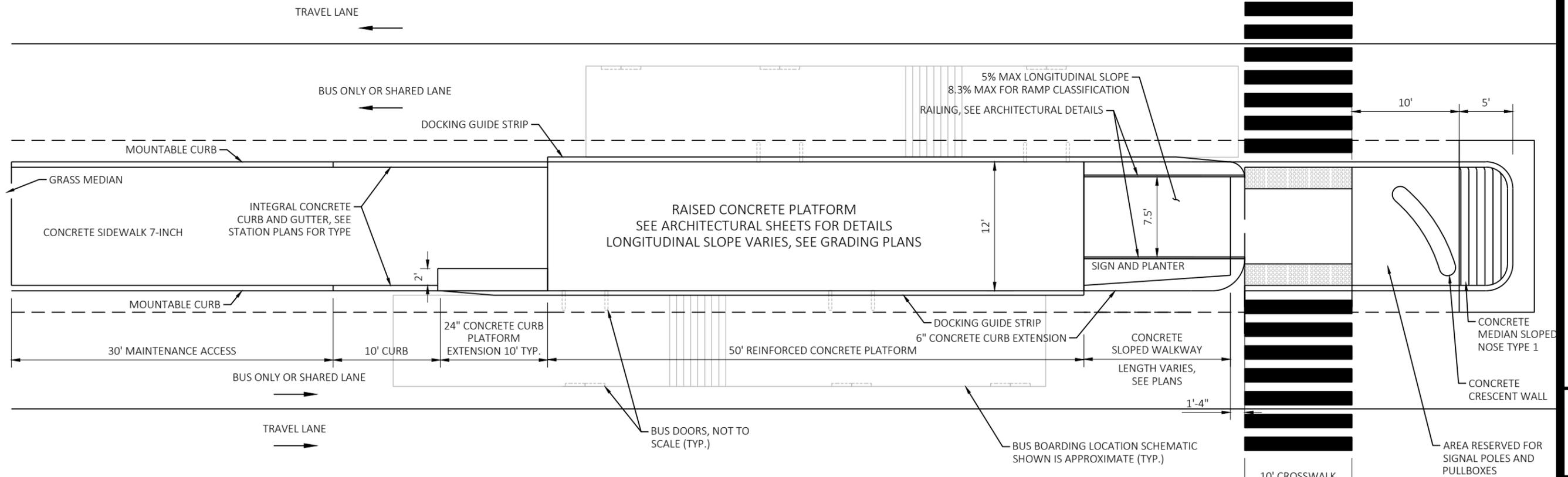
CONSTRUCTION DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON

60631225P
 CD-2



CENTER RUNNING STATION PLATFORM AREA DETAIL

PLAN VIEW
 TYPE B1 & B3 SHOWN, TYPE B2 & B4 HAVE RAMP ON OPPOSITE SIDE OF PLATFORM
 SEE ARCHITECTURAL SHEETS FOR DETAILS



REDUCED CENTER RUNNING STATION PLATFORM AREA DETAIL

PLAN VIEW
 TYPE C - SEE ARCHITECTURAL SHEETS FOR DETAILS

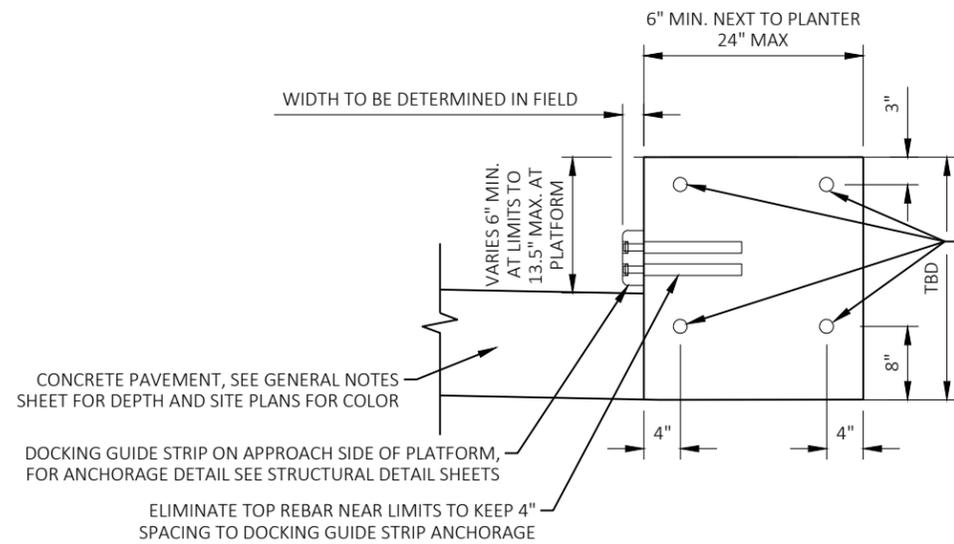
MARK	REVISION	DATE	BY

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

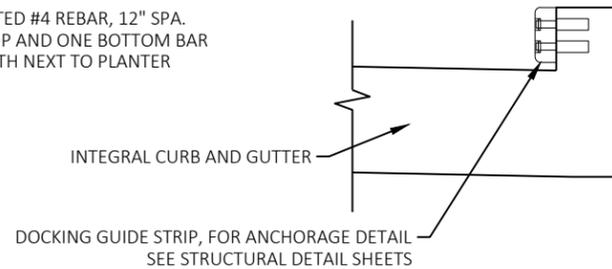
CONSTRUCTION DETAILS
 BUS RAPID TRANSIT
 CITY OF MADISON



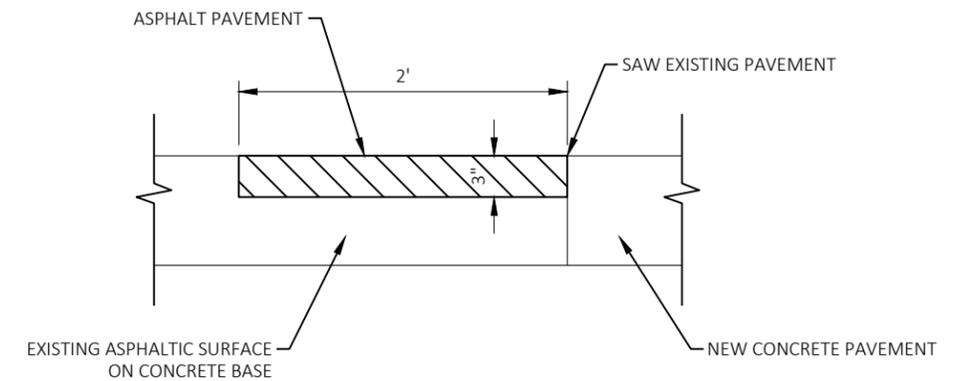
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 CD-3



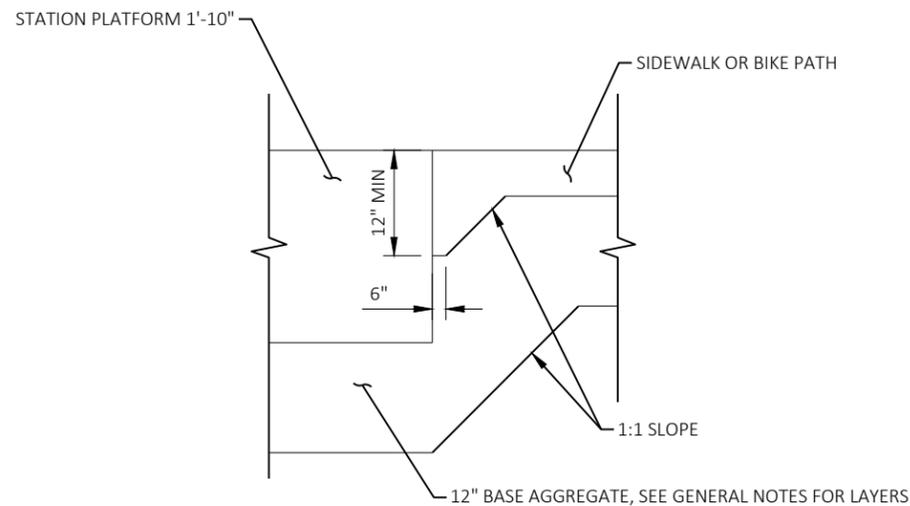
CONCRETE CURB PLATFORM EXTENSION



CURB AND GUTTER WITH DOCKING GUIDE STRIP

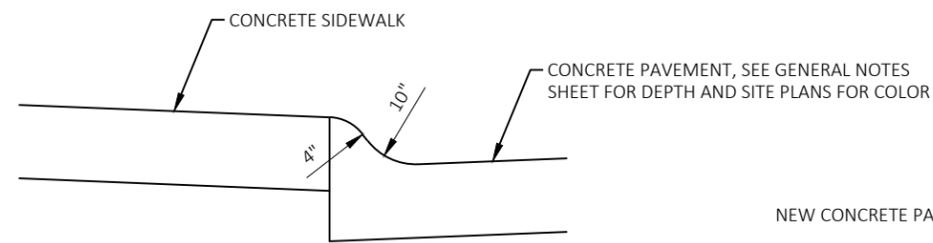


REMOVING ASPHALTIC SURFACE BUTT JOINTS

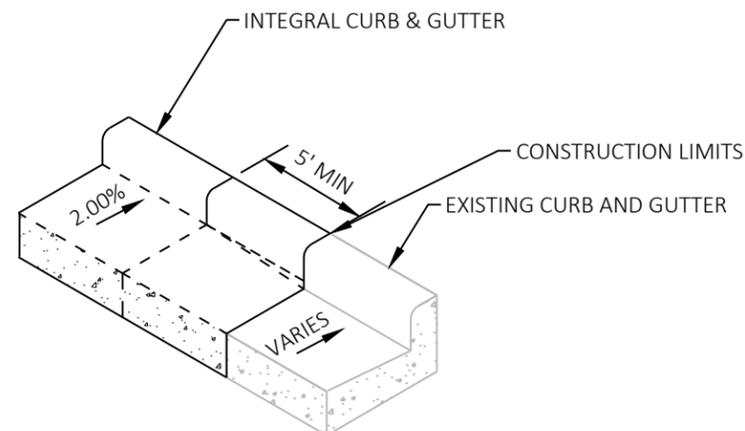


SIDEWALK OR PATH DETAIL AT BACK OF PLATFORM

INCREASED PAVEMENT DEPTH AT PLATFORM ONLY REQUIRED AT LOCATIONS WHERE BACK OF PLATFORM AND SIDEWALK ARE AT THE SAME ELEVATION

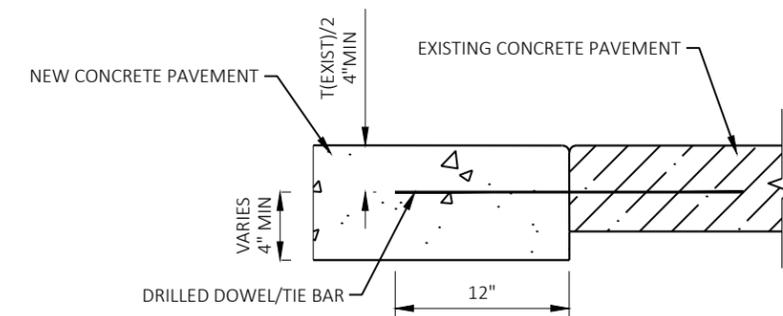


MOUNTABLE CURB



STATION CURB AND GUTTER SLOPE TRANSITION DETAIL

SEE SITE PLANS FOR TRANSITION LOCATIONS



DRILLED DOWEL/TIE BARS

TIE BARS USED FOR LONGITUDINAL JOINTS AT ABUTTING PAVEMENT
DOWEL BARS USED FOR TRANSVERSE JOINTS AT ABUTTING PAVEMENT

KEEP THE CLEAR DISTANCE TO DOWEL/TIE BAR AT 1/2 THE THICKNESS OF EXISTING CONCRETE PAVEMENT IN LOCATIONS WHERE EXISTING CONCRETE PAVEMENT IS LESS THAN 8" THICK

SEE DETAILS S.D.D. CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES AND S.D.D. URBAN DOWELED CONCRETE PAVEMENT FOR SPACING DETAILS

MARK	REVISION	DATE	BY

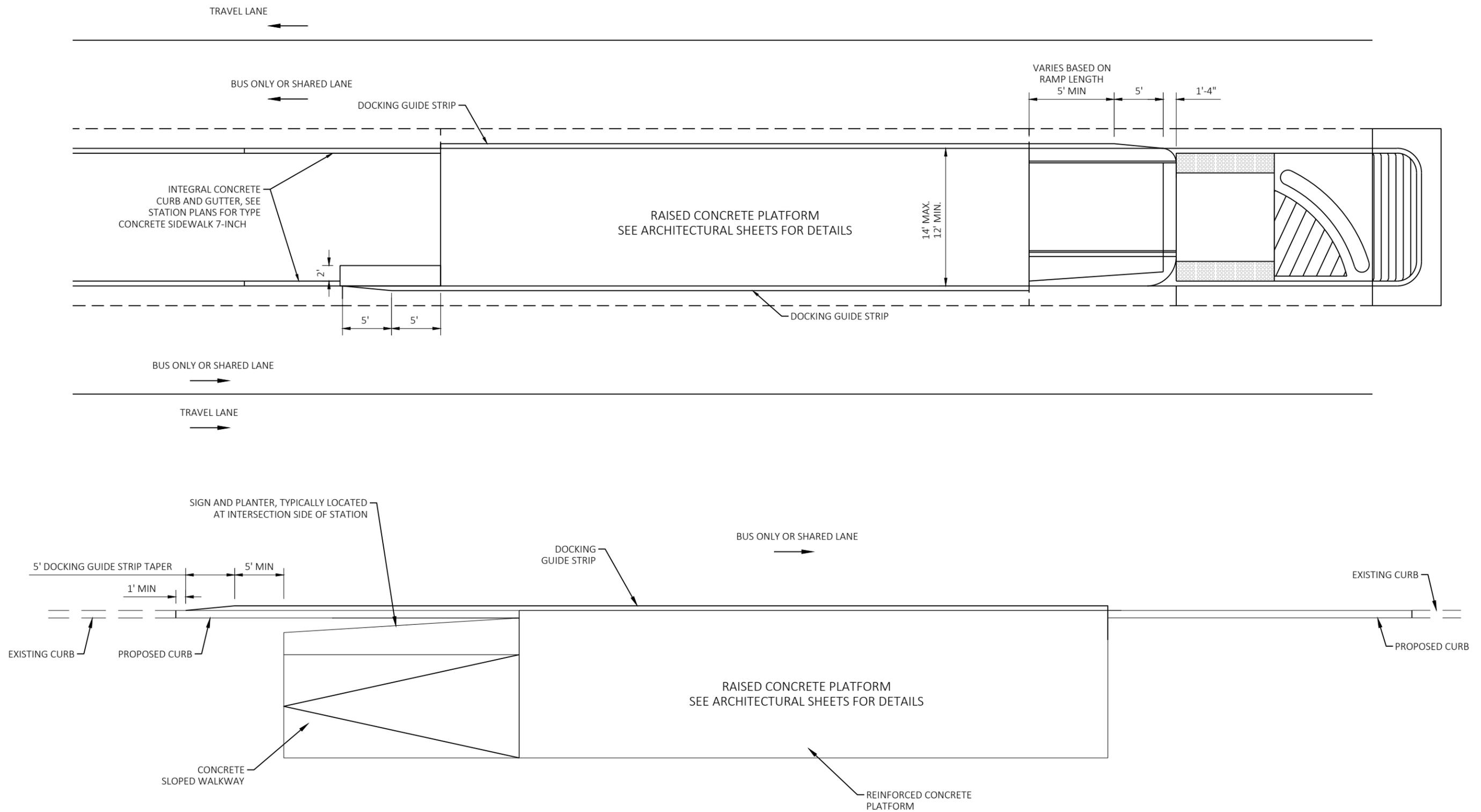
60631225P
CITY OF MADISON, DANE COUNTY, WI
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CONSTRUCTION DETAILS
BUS RAPID TRANSIT
CITY OF MADISON



60631225P

CD-4



LIMITS OF DOCKING GUIDE STRIP

DOCKING GUIDE STRIP TO BE EXTENDED ON THE APPROACH SIDE OF PLATFORMS. SHEET TO BE PROVIDED FOR DOCKING GUIDE STRIP LENGTHS AT EACH STATION. SEE SHEET CD-4 FOR DOCKING GUIDE STRIP AND CONNECTION DETAILS.

MARK	REVISION	DATE	BY
60631225P	2022-07-17		
Designed By: AECOM			Scale:

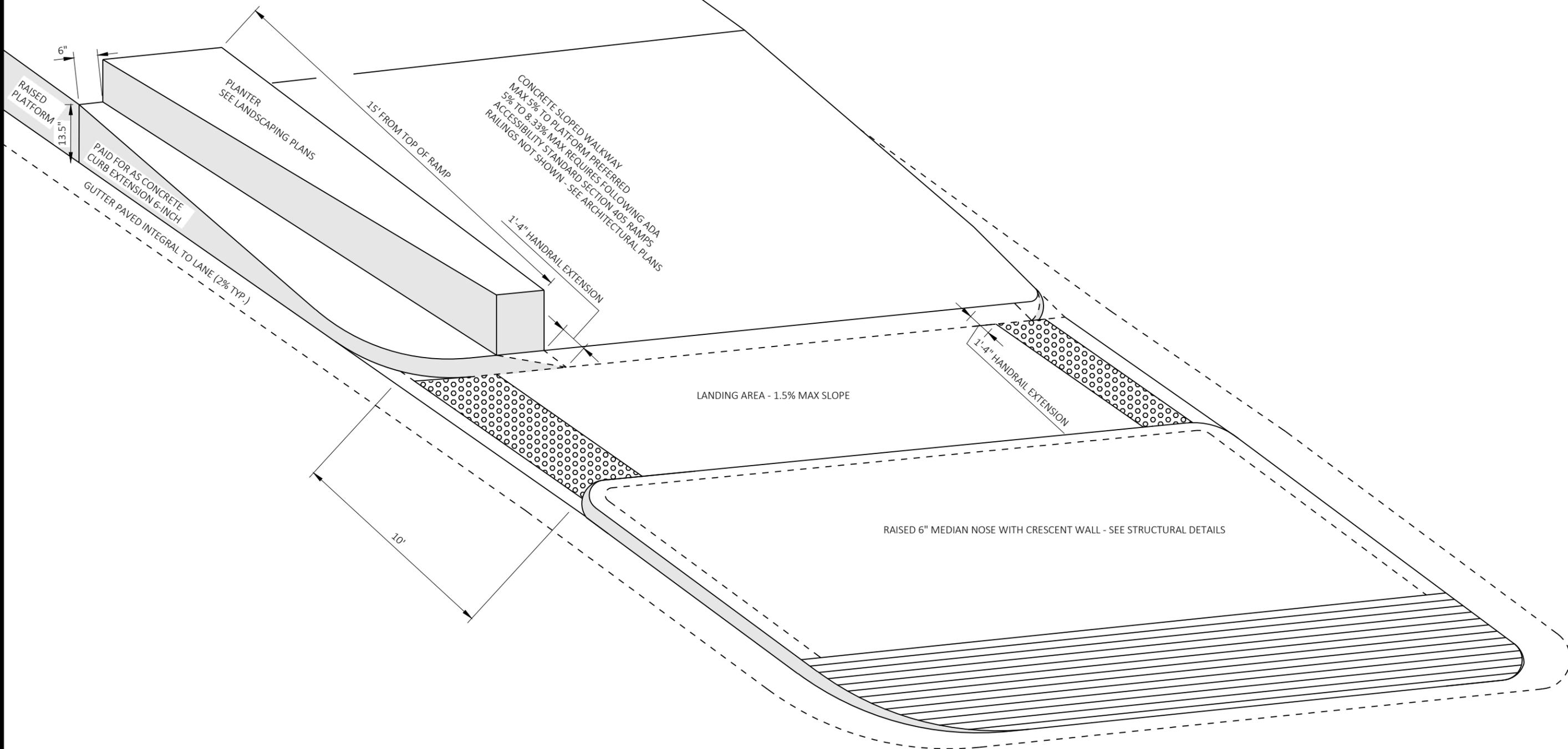
60631225P
 CITY OF MADISON, DANE COUNTY, WI
 CONTRACT NO: 60631225C



60631225P

CD-5

RAISED PLATFORM - SEE ARCHITECTURAL DETAILS

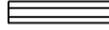


CONCRETE SLOPED WALKWAY
 MAX 5% TO PLATFORM PREFERRED
 5% TO 8.33% MAX REQUIRES FOLLOWING ADA
 ACCESSIBILITY STANDARD SECTION 405 RAMP
 RAILINGS NOT SHOWN - SEE ARCHITECTURAL PLANS

LANDING AREA - 1.5% MAX SLOPE

RAISED 6" MEDIAN NOSE WITH CRESCENT WALL - SEE STRUCTURAL DETAILS

DETAIL LEGEND

-  CURB RAMP DETECTABLE WARNING FIELDS
-  VERTICAL FACE FOR VISUALIZATION ONLY
-  SLOPED MEDIAN NOSE

CONCRETE SLOPED WALKWAY TO PLATFORM DETAIL

SEE SITE PLANS AND GRADING PLANS FOR DETAILS

MARK	REVISION	DATE	BY
60631225P	Designed By: AECOM	Date: 2022-07-17	Scale:

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



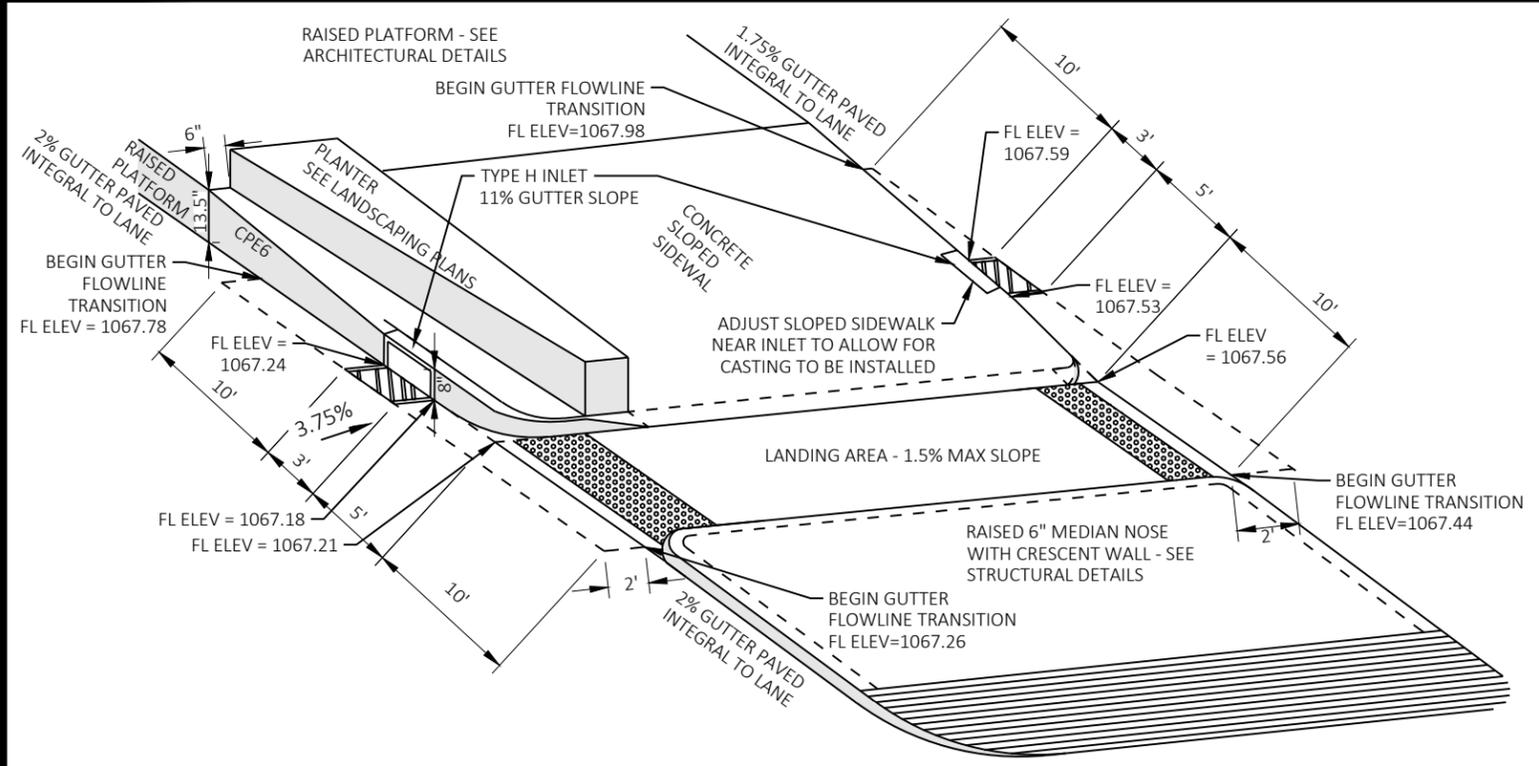
CONSTRUCTION DETAILS

BUS RAPID TRANSIT

CITY OF MADISON

60631225P

CD-7



CONCRETE SLOPED WALKWAY INLET DETAIL

DETAIL FOR INTEGRAL CURB TRANSITION TO INLET
 MINERAL POINT ROAD AT HIGH POINT ROAD
 SEE SITE PLANS AND GRADING PLANS FOR DETAILS

MARK	REVISION	DATE	BY

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



60631225P

CD-8



WAY

R/L WHITNEY WAY

PLACEHOLDER FOR WESTERN SEGMENT CURB RAMP DETAIL SHEETS TO BE LOADED INTO BLUEBEAM BY 7/25

WHITNEY WAY

IP

59WW+00

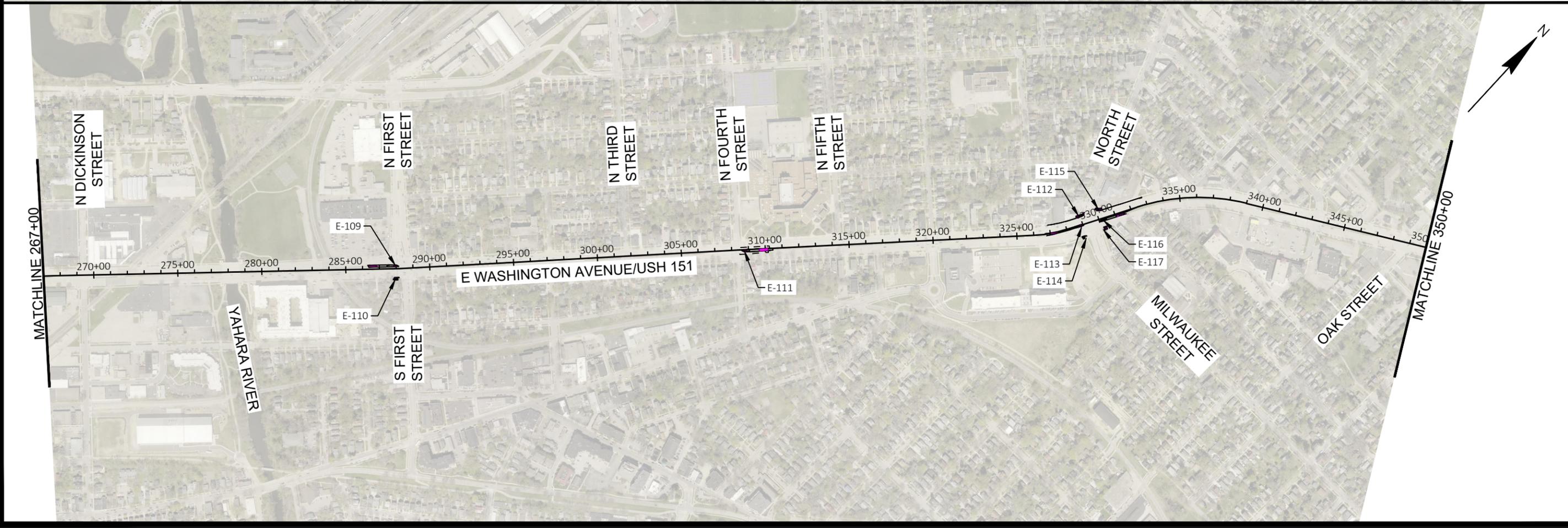
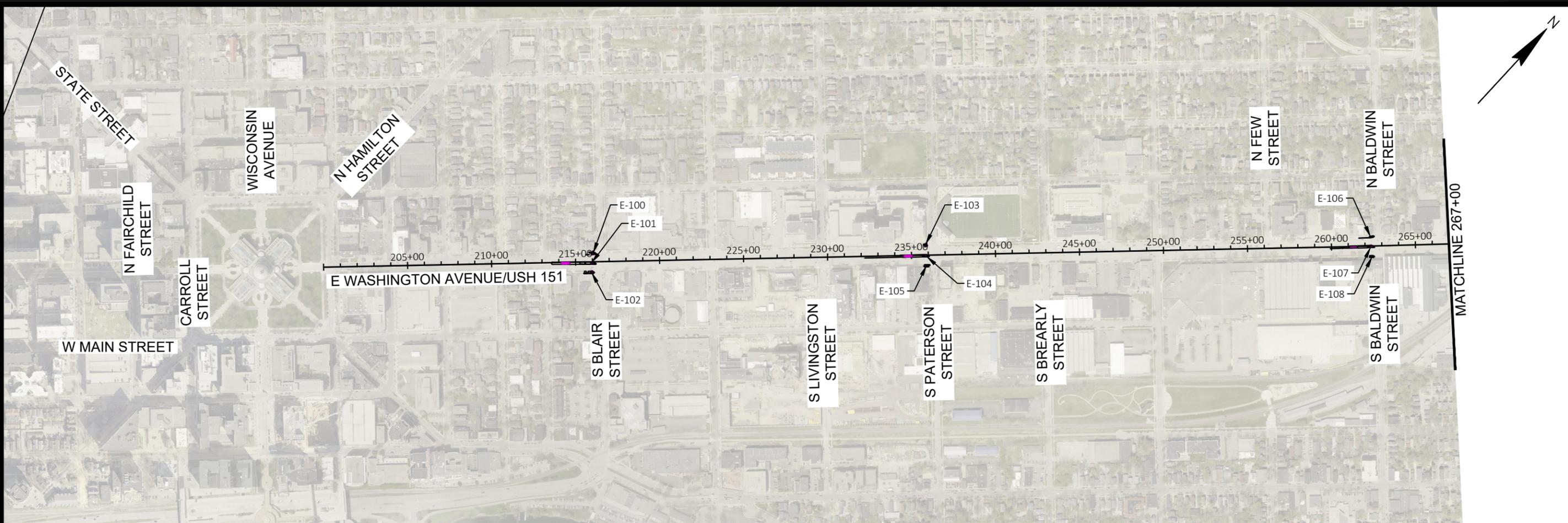
MARK	REVISION	DATE	BY

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

CURB RAMP DETAILS: REGENT STREET
 BUS RAPID TRANSIT
CITY OF MADISON



60631225P
 G-11W

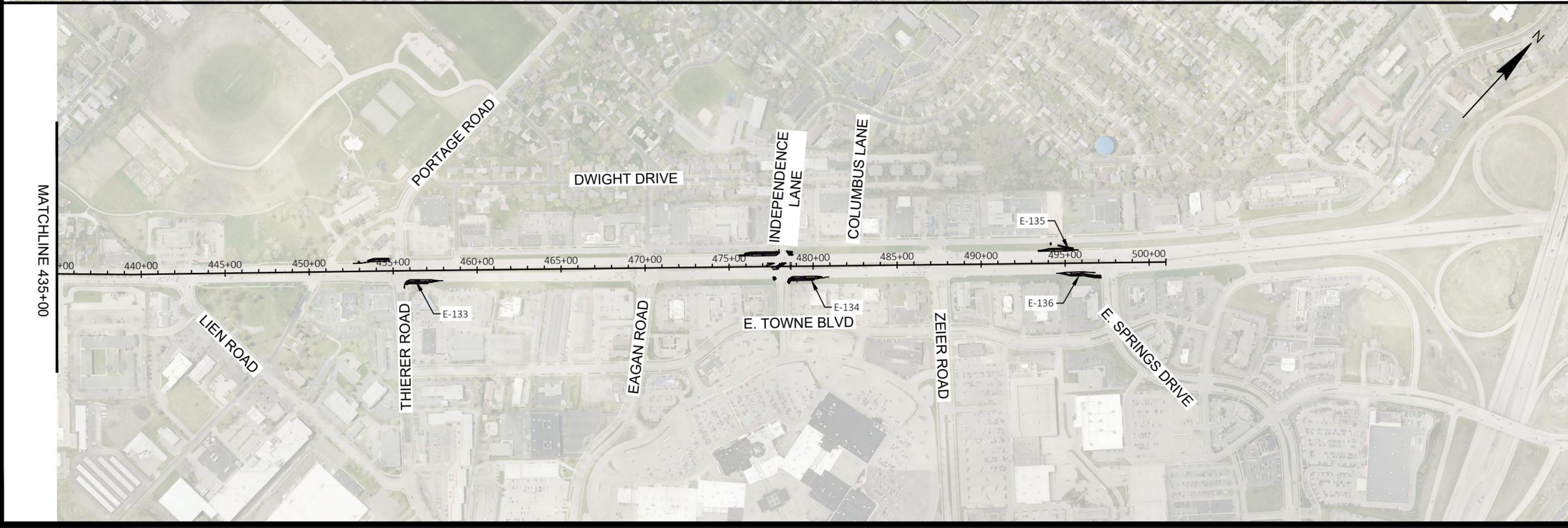
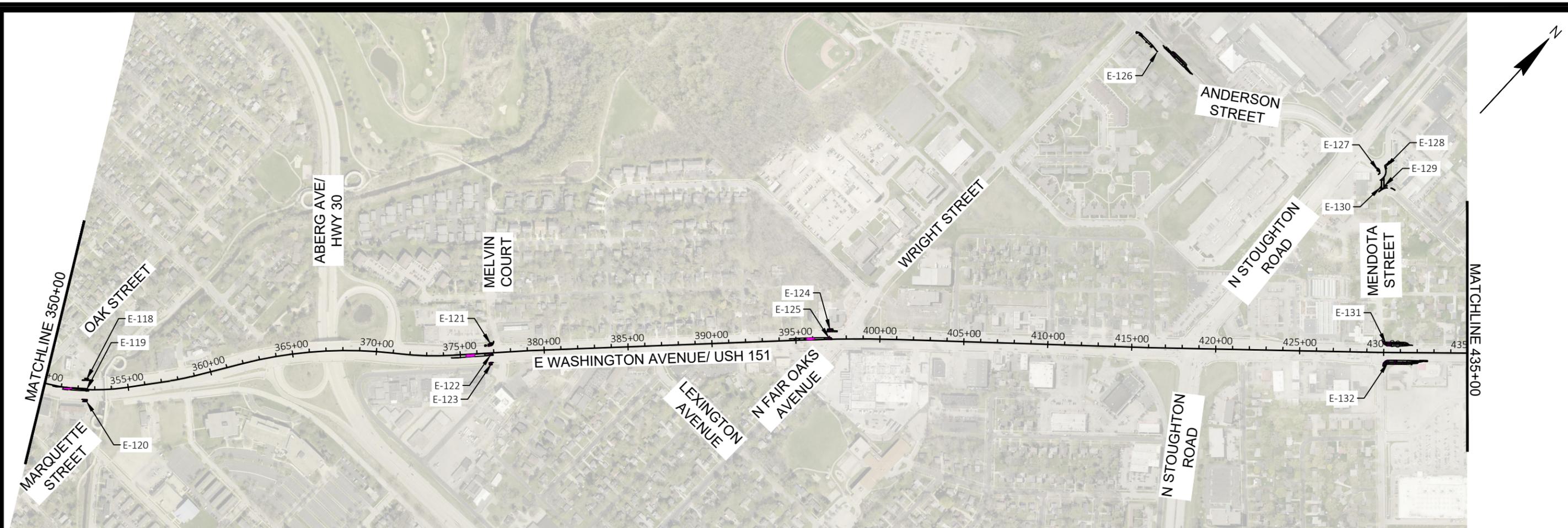


MARK	REVISION	DATE	BY

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

CURB RAMP DETAILS
 BUS RAPID TRANSIT
CITY OF MADISON
 60631225P





MARK	REVISION	DATE	BY

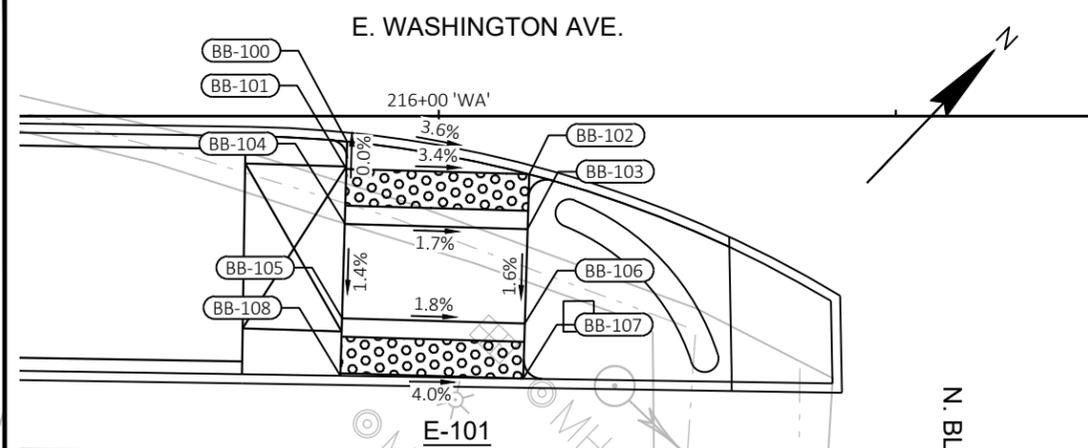
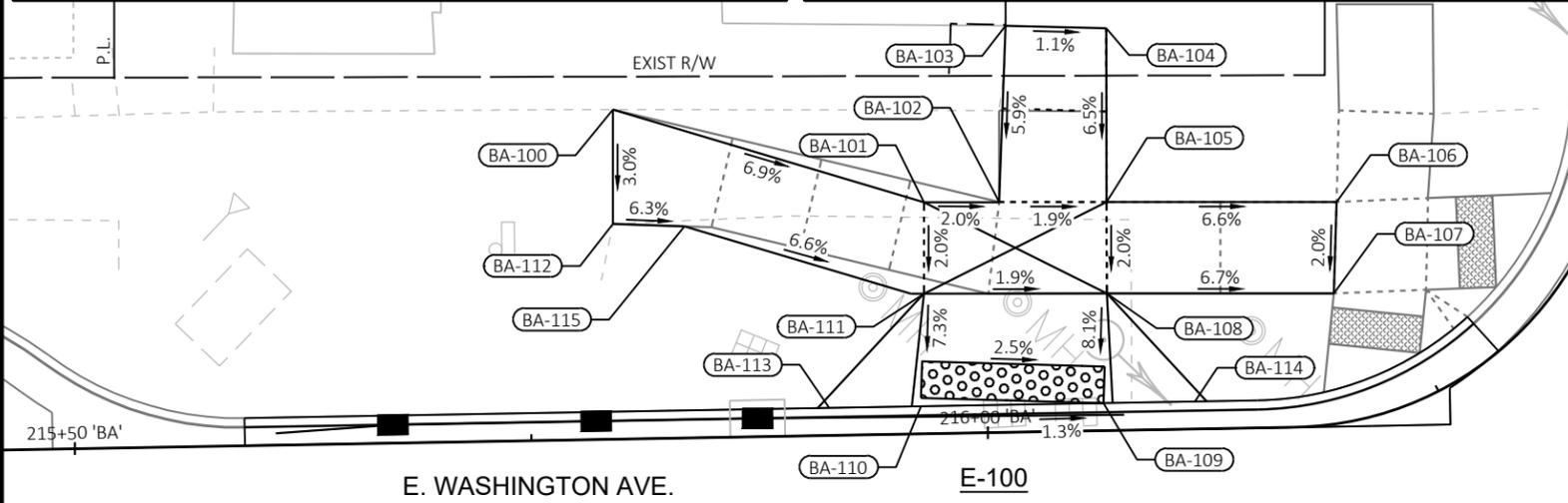
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CURB RAMP DETAILS
 BUS RAPID TRANSIT
CITY OF MADISON
 60631225P

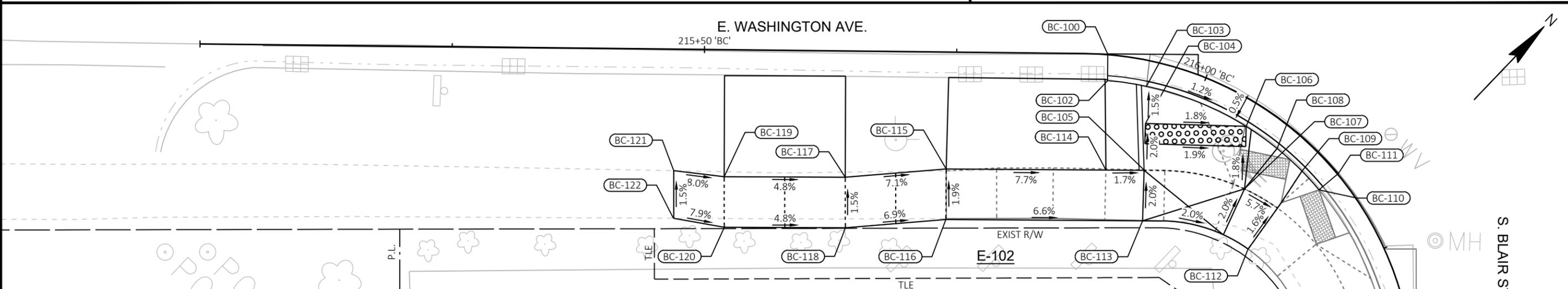


STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BA-100	215+79.79 'BA'	18.01' LT	484227.05	822525.91	861.33	MATCH
BA-101	215+96.73 'BA'	12.66' LT	484235.20	822541.70	860.10	BOW
BA-102	216+00.84 'BA'	12.59' LT	484238.05	822544.66	860.02	BOW
BA-103	216+01.36 'BA'	22.22' LT	484245.25	822538.24	860.59	BOW
BA-104	216+06.87 'BA'	21.98' LT	484248.97	822542.31	860.53	BOW
BA-105	216+06.73 'BA'	12.49' LT	484242.13	822548.90	859.91	BOW
BA-106	216+24.27 'BA'	11.74' LT	484250.86	822557.97	859.08	MATCH
BA-107	216+20.58 'BA'	7.04' LT	484247.15	822561.33	858.98	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BA-108	216+06.64 'BA'	7.49' LT	484238.53	822552.37	859.81	FOW
BA-109	216+06.36 'BA'	1.50' LT	484234.09	822556.39	859.32	EOP
BA-110	215+96.36 'BA'	1.50' LT	484227.03	822549.30	859.58	EOP
BA-111	215+96.64 'BA'	7.66' LT	484231.60	822545.16	860.00	FOW
BA-112	215+79.67 'BA'	11.77' LT	484222.54	822530.23	861.14	MATCH
BA-113	215+91.35 'BA'	1.50' LT	484223.50	822545.75	859.28	BOC
BA-114	216+11.37 'BA'	1.50' LT	484237.62	822559.94	859.59	BOC
BA-115	215+83.59 'BA'	11.57' LT	484225.16	822533.15	860.90	FOW



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BB-100	215+95.00 'WA'	1.39' RT	484193.62	822579.57	860.87	BOC
BB-101	215+94.95 'WA'	2.88' RT	484192.51	822580.57	860.87	FOW
BB-102	216+04.95 'WA'	3.17' RT	484199.23	822587.98	860.53	BOC
BB-103	216+04.86 'WA'	6.17' RT	484197.00	822590.00	860.71	BOW
BB-104	215+94.87 'WA'	5.87' RT	484190.30	822582.58	860.88	BOW
BB-105	215+94.71 'WA'	11.03' RT	484186.47	822586.05	860.81	BOW
BB-106	216+04.71 'WA'	11.32' RT	484193.19	822593.46	860.63	BOW
BB-107	216+04.66 'WA'	14.32' RT	484190.96	822595.47	860.38	BOC
BB-108	215+94.62 'WA'	14.17' RT	484184.15	822588.16	860.78	BOC



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BC-100	215+89.96 'BC'	0.04' LT	484152.55	822611.48	860.06	EOP
BC-102	215+90.18 'BC'	2.56' RT	484150.66	822613.28	860.41	BOC
BC-103	215+94.39 'BC'	2.54' RT	484152.93	822616.44	859.75	BOC
BC-104	215+95.22 'BC'	6.15' RT	484150.20	822618.92	859.81	FOW
BC-105	215+96.61 'BC'	10.63' RT	484146.78	822621.99	859.90	FOW
BC-106	216+05.98 'BC'	2.46' RT	484156.91	822626.33	859.62	BOC
BC-107	216+10.09 'BC'	7.58' RT	484152.33	822630.48	859.74	FOW
BC-108	216+10.05 'BC'	2.44' RT	484157.46	822630.05	859.69	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BC-109	216+13.63 'BC'	2.42' RT	484157.56	822633.37	859.60	BOC
BC-110	216+16.34 'BC'	2.40' RT	484157.39	822635.87	859.37	BOC
BC-111	216+16.33 'BC'	0.10' LT	484159.88	822636.14	859.40	EOP
BC-112	216+16.40 'BC'	11.56' RT	484148.28	822634.87	859.60	MATCH
BC-113	215+99.00 'BC'	15.46' RT	484143.06	822625.38	860.00	BOW
BC-114	215+91.07 'BC'	11.38' RT	484144.17	822619.28	859.97	FOW
BC-115	215+74.08 'BC'	11.57' RT	484133.27	822607.80	861.18	FOW
BC-116	215+74.10 'BC'	16.57' RT	484129.64	822611.24	861.28	BOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BC-117	215+64.08 'BC'	12.49' RT	484125.75	822601.15	861.89	FOW
BC-118	215+64.15 'BC'	17.49' RT	484122.16	822604.62	861.96	BOW
BC-119	215+52.08 'BC'	12.58' RT	484117.47	822592.47	862.46	FOW
BC-120	215+52.15 'BC'	17.58' RT	484113.87	822595.94	862.54	BOW
BC-121	215+47.08 'BC'	12.03' RT	484114.44	822588.45	862.87	MATCH
BC-122	215+47.10 'BC'	16.73' RT	484111.03	822591.69	862.94	MATCH

CITY OF MADISON

CURB RAMP DETAILS
BUS RAPID TRANSIT

60631225P

CONTRACT NO: 60631225C

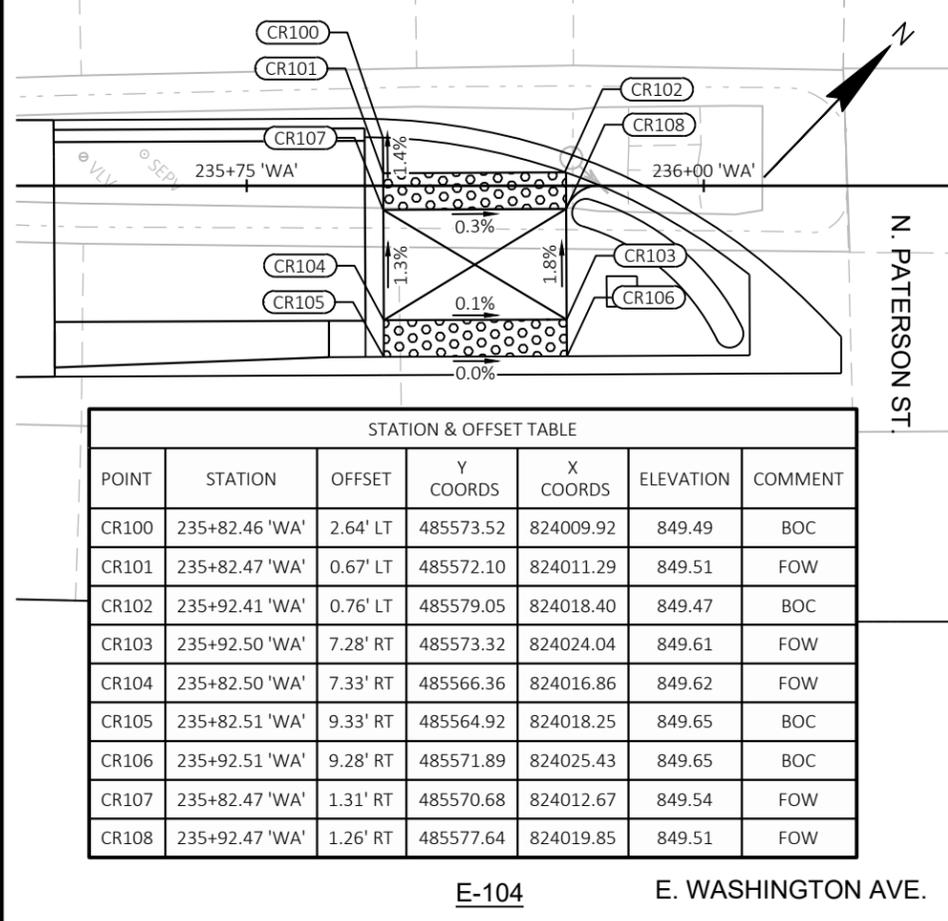
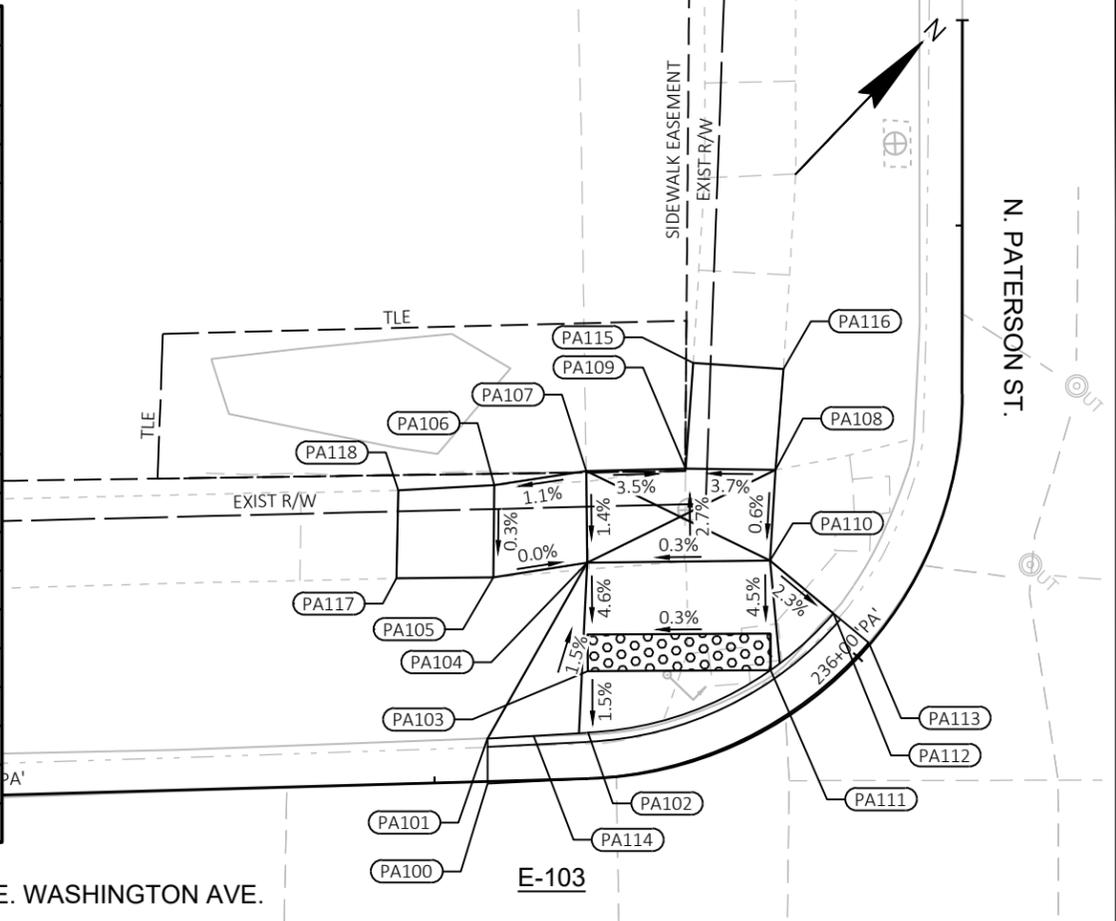
CITY OF MADISON WISCONSIN

60631225P

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REVISION: 60631225P
MARK: 60631225P
DESIGNED BY: STW/MD
SCALE: 1"=20' FT

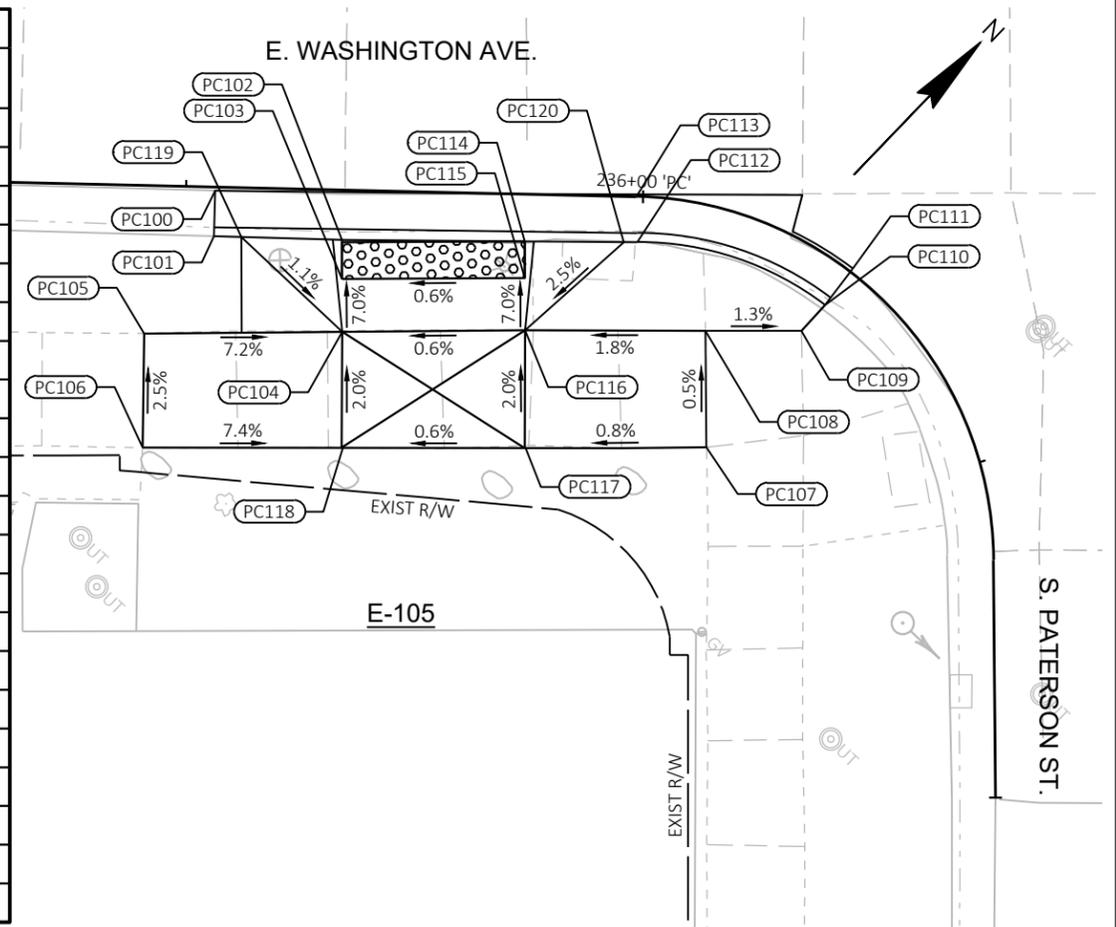
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STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
PA100	235+77.90 'PA'	0.11' RT	485602.61	823974.06	849.15	EOP
PA101	235+77.95 'PA'	2.36' LT	485604.38	823972.34	849.12	BOC
PA102	235+83.46 'PA'	2.50' LT	485608.40	823976.10	849.12	BOC
PA103	235+83.58 'PA'	5.86' LT	485610.82	823973.76	849.17	FOW
PA104	235+83.99 'PA'	11.77' LT	485615.06	823969.65	849.44	FOW
PA105	235+78.51 'PA'	11.11' LT	485610.92	823966.49	849.44	MATCH
PA106	235+78.72 'PA'	16.14' LT	485614.59	823963.05	849.46	MATCH
PA107	235+85.07 'PA'	16.76' LT	485618.63	823966.14	0.00	BOW
PA108	236+08.12 'PA'	9.43' LT	485625.85	823973.56	849.50	MATCH
PA109	236+03.09 'PA'	13.84' LT	485622.49	823969.97	849.32	MATCH
PA110	236+00.83 'PA'	7.10' LT	485622.07	823976.78	849.47	FOW
PA111	235+95.64 'PA'	2.60' LT	485617.78	823980.94	849.20	BOC
PA112	236+00.94 'PA'	2.60' LT	485622.40	823981.27	849.37	BOC
PA113	236+00.99 'PA'	0.10' LT	485622.58	823983.76	849.22	EOP
PA114	235+80.47 'PA'	2.41' LT	485606.21	823974.07	849.59	BOC
PA115	236+17.50 'PA'	14.70' LT	485626.94	823966.27	0.00	MATCH
PA116	236+17.17 'PA'	9.77' LT	485630.11	823970.06	0.00	MATCH
PA117	235+73.23 'PA'	11.21' LT	485607.22	823962.72	849.38	MATCH
PA118	235+73.46 'PA'	16.01' LT	485610.75	823959.46	849.47	MATCH



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
CR100	235+82.46 'WA'	2.64' LT	485573.52	824009.92	849.49	BOC
CR101	235+82.47 'WA'	0.67' LT	485572.10	824011.29	849.51	FOW
CR102	235+92.41 'WA'	0.76' LT	485579.05	824018.40	849.47	BOC
CR103	235+92.50 'WA'	7.28' RT	485573.32	824024.04	849.61	FOW
CR104	235+82.50 'WA'	7.33' RT	485566.36	824016.86	849.62	FOW
CR105	235+82.51 'WA'	9.33' RT	485564.92	824018.25	849.65	BOC
CR106	235+92.51 'WA'	9.28' RT	485571.89	824025.43	849.65	BOC
CR107	235+82.47 'WA'	1.31' RT	485570.68	824012.67	849.54	FOW
CR108	235+92.47 'WA'	1.26' RT	485577.64	824019.85	849.51	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
PC100	235+76.59 'PC'	0.19' RT	485526.97	824045.42	848.63	EOP
PC101	235+76.58 'PC'	2.68' RT	485525.13	824047.09	848.95	BOC
PC102	235+83.58 'PC'	2.72' RT	485529.83	824052.28	848.55	BOC
PC103	235+83.64 'PC'	4.85' RT	485528.30	824053.76	848.69	FOW
PC104	235+83.68 'PC'	7.68' RT	485526.23	824055.77	848.90	FOW
PC105	235+72.88 'PC'	8.08' RT	485518.65	824048.02	849.68	MATCH
PC106	235+72.94 'PC'	14.31' RT	485514.10	824052.27	849.83	MATCH
PC107	236+11.11 'PC'	12.36' RT	485535.48	824074.50	849.16	MATCH
PC108	236+05.64 'PC'	6.63' RT	485540.03	824070.06	849.13	MATCH
PC109	236+12.02 'PC'	4.17' RT	485543.66	824073.84	849.07	MATCH
PC110	236+12.24 'PC'	2.27' RT	485545.57	824073.80	848.87	BOC
PC111	236+12.23 'PC'	0.23' LT	485548.05	824073.51	848.70	EOP
PC112	235+99.74 'PC'	2.49' RT	485540.92	824064.01	849.14	BOC
PC113	235+99.62 'PC'	0.00'	485542.68	824062.25	848.71	EOP
PC114	235+93.58 'PC'	2.58' RT	485536.70	824059.55	848.61	BOC
PC115	235+93.63 'PC'	4.58' RT	485535.26	824060.94	848.75	FOW
PC116	235+93.71 'PC'	7.43' RT	485533.22	824062.92	848.95	FOW
PC117	235+93.89 'PC'	13.85' RT	485528.60	824067.39	849.08	BOW
PC118	235+83.89 'PC'	14.07' RT	485521.68	824060.18	849.02	BOW
PC119	235+80.58 'PC'	2.71' RT	485526.13	824048.20	848.98	BOC
PC120	235+96.58 'PC'	2.53' RT	485540.42	824063.49	849.13	BOC



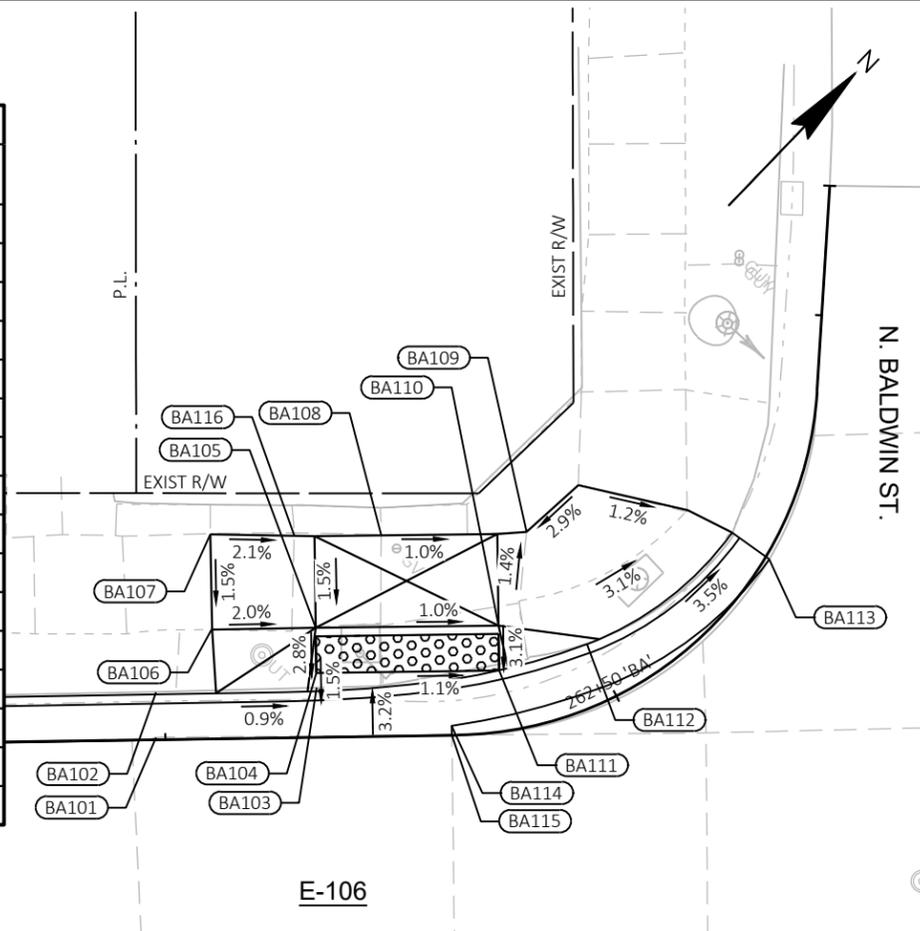
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 60631225P

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

CURB RAMP DETAILS
BUS RAPID TRANSIT
CITY OF MADISON

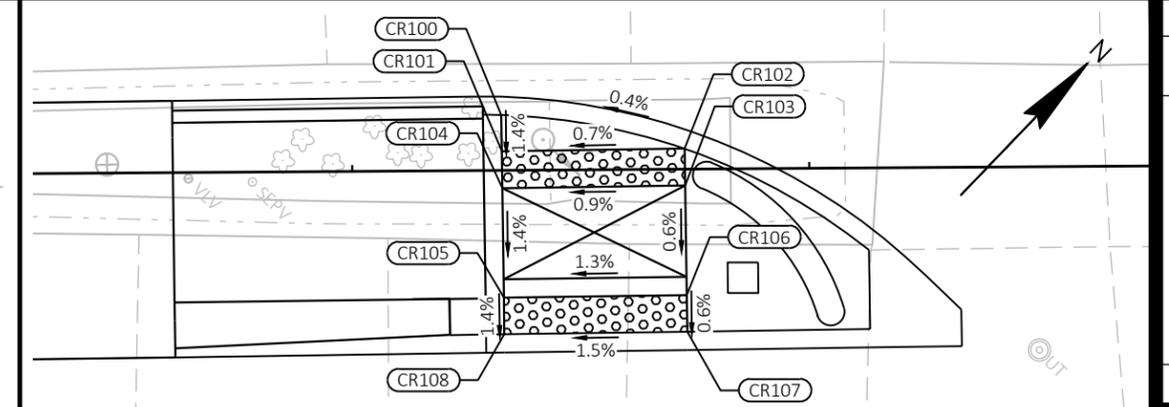
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STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BA101	262+24.50 'BA'	0.13' LT	487436.96	825882.34	849.36	EOP
BA102	262+24.53 'BA'	2.59' LT	487438.74	825880.63	849.77	BOC
BA103	262+33.31 'BA'	2.70' LT	487444.99	825886.79	849.27	BOC
BA104	262+33.31 'BA'	3.51' LT	487445.56	825886.22	849.28	FOW
BA105	262+33.32 'BA'	5.97' LT	487447.32	825884.50	849.35	FOW
BA106	262+27.62 'BA'	5.95' LT	487443.30	825880.46	849.46	MATCH
BA107	262+27.62 'BA'	11.15' LT	487446.99	825876.81	849.54	MATCH
BA108	262+36.97 'BA'	10.96' LT	487453.43	825883.58	849.39	BOW
BA109	262+49.26 'BA'	10.20' LT	487459.07	825889.18	849.25	MATCH
BA110	262+44.27 'BA'	5.74' LT	487454.32	825891.62	849.25	MATCH
BA111	262+43.78 'BA'	3.33' LT	487452.59	825893.34	849.17	BOC
BA112	262+49.81 'BA'	3.26' LT	487456.95	825895.80	849.62	BOC
BA113	262+61.29 'BA'	0.22' RT	487467.19	825899.78	849.00	EOP
BA114	262+40.67 'BA'	0.51' LT	487448.61	825893.57	849.27	EOP
BA115	262+40.67 'BA'	0.00' RT	487448.25	825893.93	849.30	EOP
BA116	262+32.21 'BA'	11.01' LT	487450.12	825880.17	849.45	BOW



E. WASHINGTON AVE.

E-106



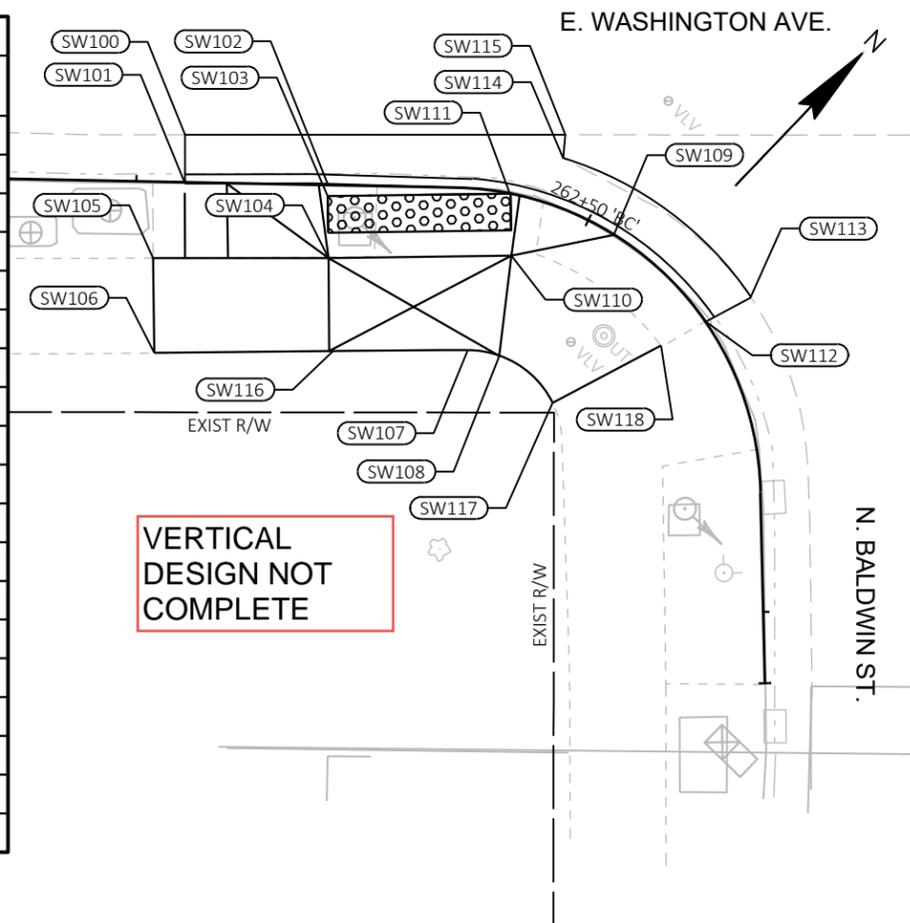
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
CR100	262+33.18	3.02' LT	487411.27	825920.12	849.96	BOC
CR101	262+33.19	1.06' LT	487409.87	825921.50	850.06	BOC
CR102	262+43.19	1.13' LT	487416.90	825928.61	850.03	FOW
CR103	262+43.20	0.89' RT	487415.46	825930.03	850.19	FOW
CR104	262+33.20	0.96' RT	487408.43	825922.92	850.15	FOW
CR105	262+33.25	6.94' RT	487404.18	825927.12	849.99	FOW
CR106	262+43.25	6.87' RT	487411.21	825934.24	850.07	FOW
CR107	262+43.26	8.87' RT	487409.79	825935.64	849.98	BOC
CR108	262+33.26	8.94' RT	487402.76	825928.53	849.83	BOC

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E. WASHINGTON AVE.

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
SW100	262+27.61 'BC'	2.60' LT	487364.04	825955.90	0.00	EOP
SW101	262+27.66 'BC'	0.07' RT	487362.12	825957.74	0.00	BOC
SW102	262+35.46 'BC'	0.07' LT	487367.51	825963.37	0.00	BOC
SW103	262+35.48 'BC'	0.60' RT	487367.04	825963.85	0.00	FOW
SW104	262+35.59 'BC'	3.99' RT	487364.62	825966.23	0.00	FOW
SW105	262+26.00 'BC'	4.17' RT	487357.98	825959.29	0.00	MATCH
SW106	262+26.16 'BC'	9.34' RT	487354.29	825962.92	0.00	MATCH
SW107	262+44.20 'BC'	8.81' RT	487366.28	825975.20	0.00	BOW
SW108	262+47.81 'BC'	8.71' RT	487367.26	825976.65	0.00	MATCH
SW109	262+51.60 'BC'	0.01' RT	487376.35	825976.59	0.00	MATCH
SW110	262+46.37 'BC'	3.29' RT	487371.65	825973.34	0.00	FOW
SW111	262+45.46 'BC'	0.00'	487374.04	825970.94	0.00	BOC
SW112	262+58.56 'BC'	0.03' LT	487376.43	825983.50	0.00	BOC
SW113	262+58.82 'BC'	2.81' LT	487379.09	825984.35	0.00	EOP
SW114	262+47.61 'BC'	2.61' LT	487377.45	825971.70	0.00	EOP
SW115	262+47.38 'BC'	3.86' LT	487378.45	825970.90	0.00	EOP
SW116	262+35.94 'BC'	9.04' RT	487361.14	825969.91	0.00	BOW
SW117	262+56.08 'BC'	9.31' RT	487367.42	825980.53	0.00	MATCH
SW118	262+58.17 'BC'	2.72' RT	487373.79	825982.63	0.00	MATCH

E-108



E. WASHINGTON AVE.

N. BALDWIN ST.

VERTICAL DESIGN NOT COMPLETE

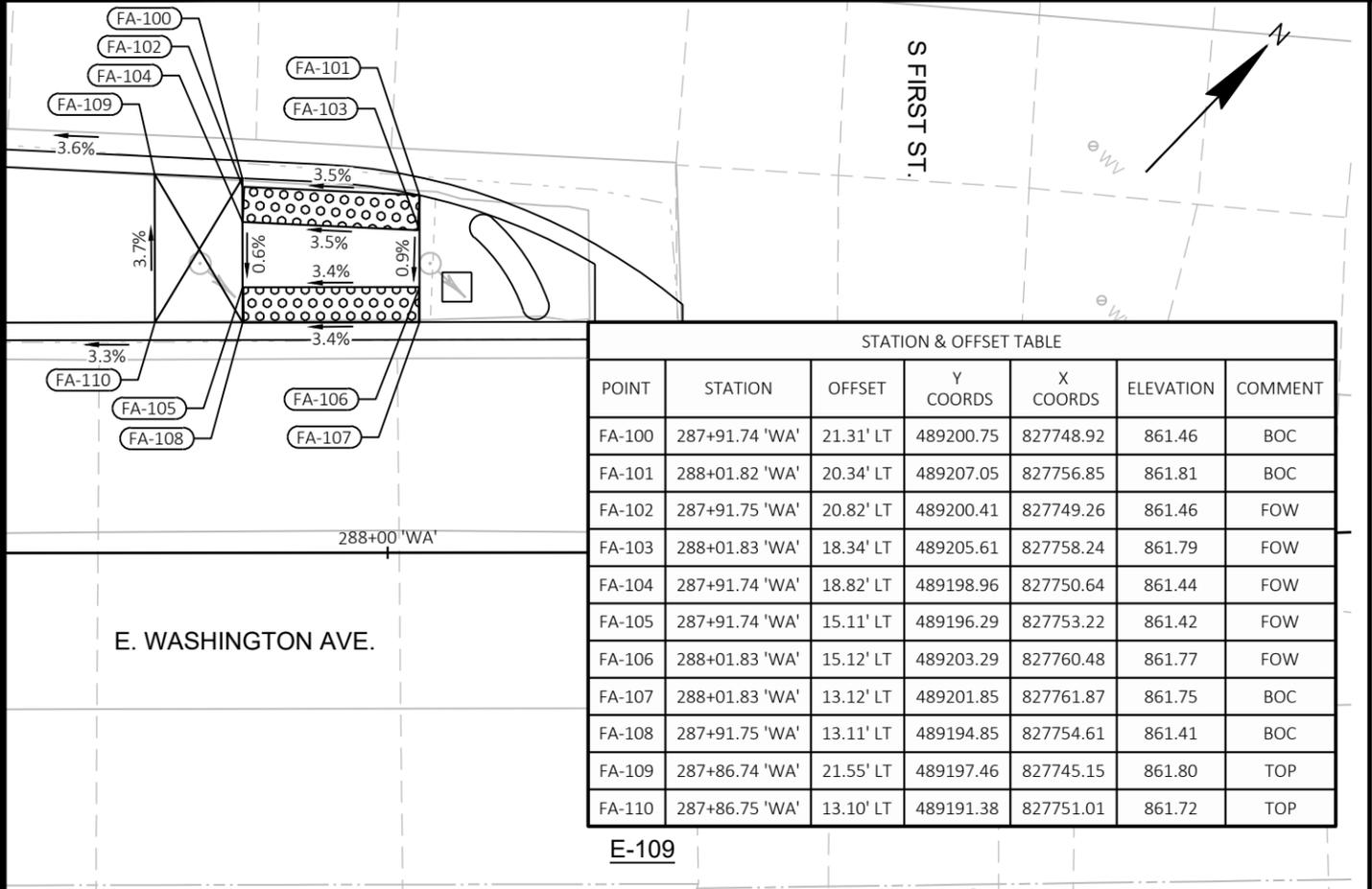
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Designed By: stw/mc	Date: 2022-07-14		
60631225P			

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

CURB RAMP DETAILS
BUS RAPID TRANSIT
CITY OF MADISON

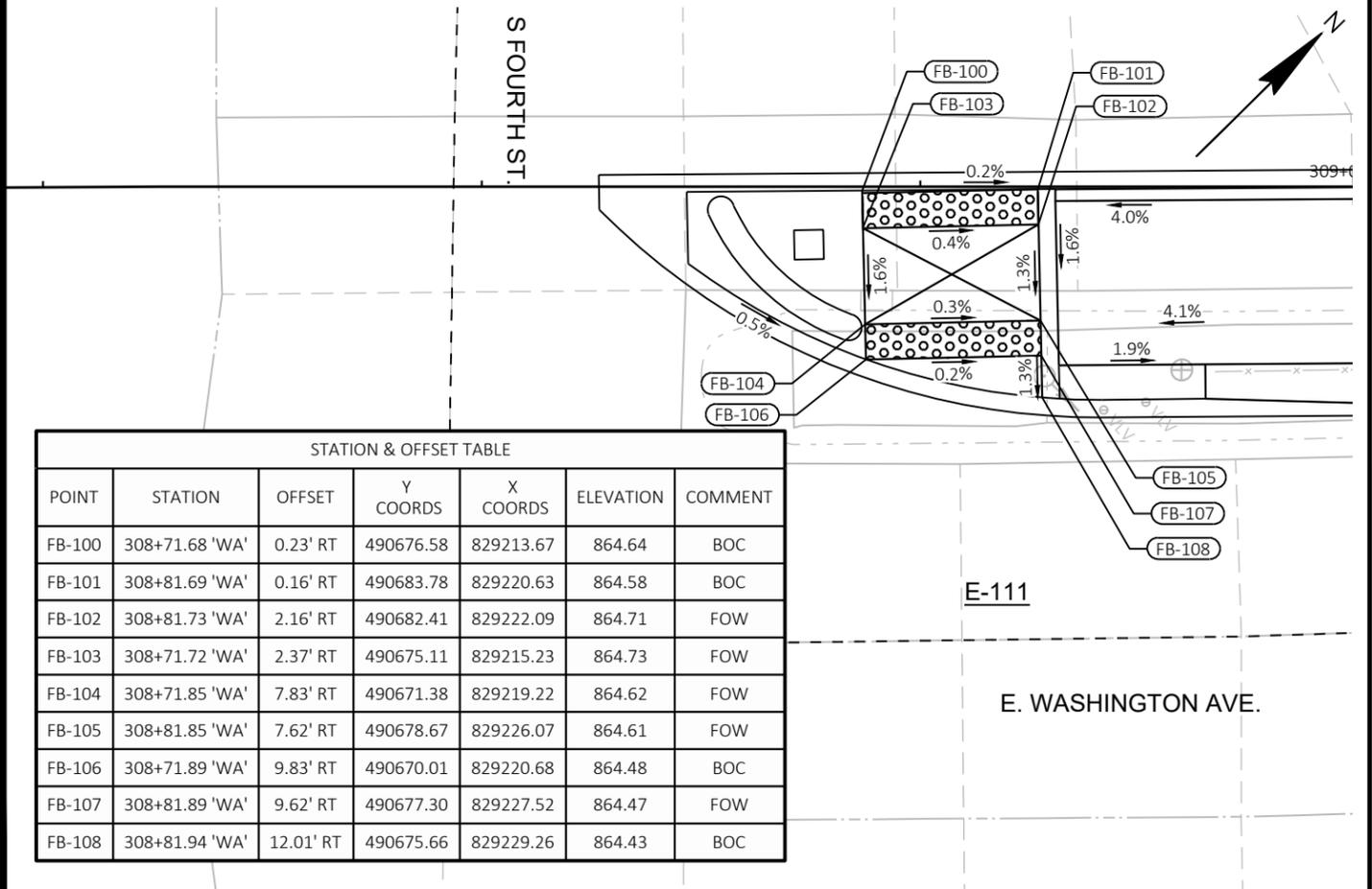


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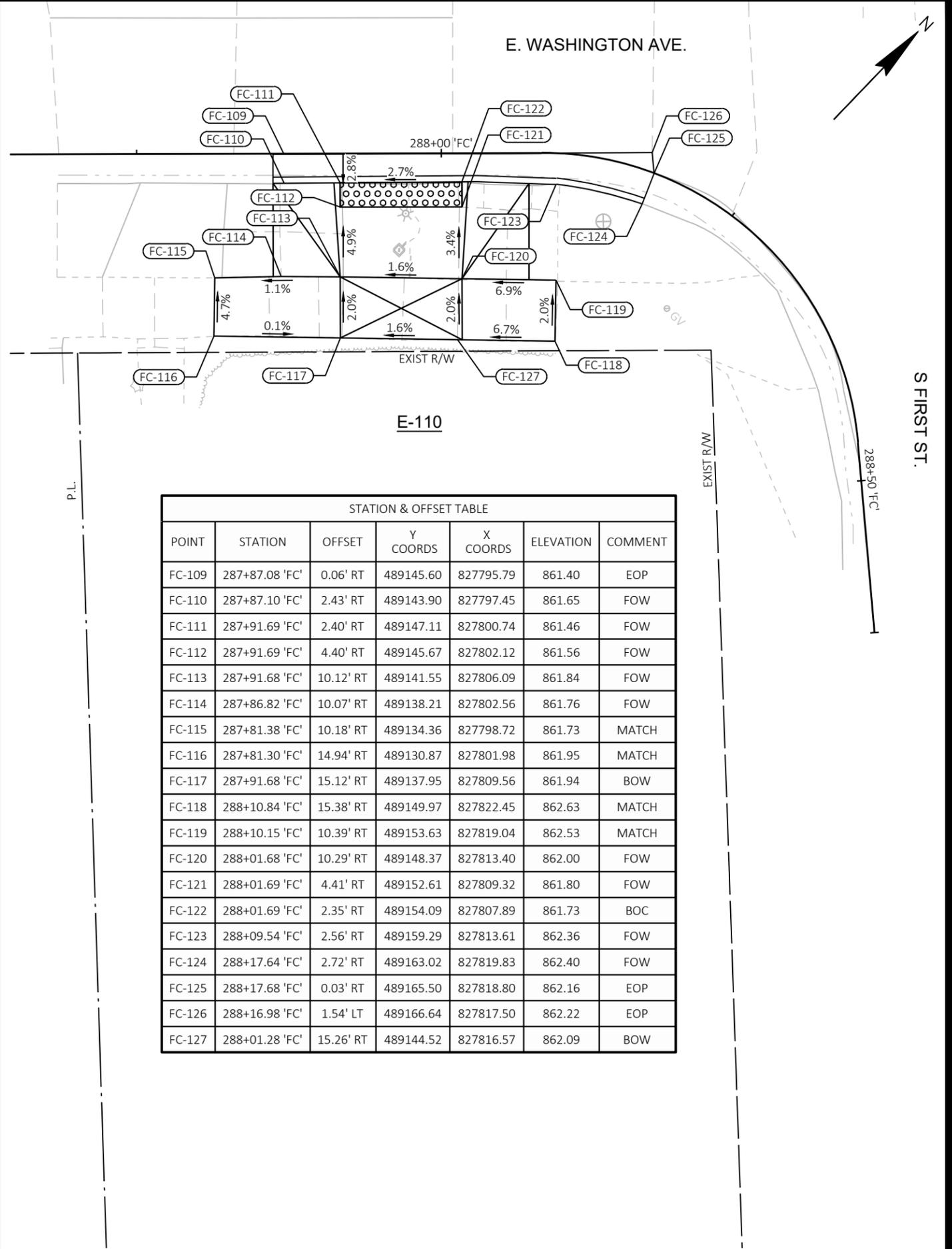
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FA-100	287+91.74 'WA'	21.31' LT	489200.75	827748.92	861.46	BOC
FA-101	288+01.82 'WA'	20.34' LT	489207.05	827756.85	861.81	BOC
FA-102	287+91.75 'WA'	20.82' LT	489200.41	827749.26	861.46	FOW
FA-103	288+01.83 'WA'	18.34' LT	489205.61	827758.24	861.79	FOW
FA-104	287+91.74 'WA'	18.82' LT	489198.96	827750.64	861.44	FOW
FA-105	287+91.74 'WA'	15.11' LT	489196.29	827753.22	861.42	FOW
FA-106	288+01.83 'WA'	15.12' LT	489203.29	827760.48	861.77	FOW
FA-107	288+01.83 'WA'	13.12' LT	489201.85	827761.87	861.75	BOC
FA-108	287+91.75 'WA'	13.11' LT	489194.85	827754.61	861.41	BOC
FA-109	287+86.74 'WA'	21.55' LT	489197.46	827745.15	861.80	TOP
FA-110	287+86.75 'WA'	13.10' LT	489191.38	827751.01	861.72	TOP

E-109



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FB-100	308+71.68 'WA'	0.23' RT	490676.58	829213.67	864.64	BOC
FB-101	308+81.69 'WA'	0.16' RT	490683.78	829220.63	864.58	BOC
FB-102	308+81.73 'WA'	2.16' RT	490682.41	829222.09	864.71	FOW
FB-103	308+71.72 'WA'	2.37' RT	490675.11	829215.23	864.73	FOW
FB-104	308+71.85 'WA'	7.83' RT	490671.38	829219.22	864.62	FOW
FB-105	308+81.85 'WA'	7.62' RT	490678.67	829226.07	864.61	FOW
FB-106	308+71.89 'WA'	9.83' RT	490670.01	829220.68	864.48	BOC
FB-107	308+81.89 'WA'	9.62' RT	490677.30	829227.52	864.47	FOW
FB-108	308+81.94 'WA'	12.01' RT	490675.66	829229.26	864.43	BOC

E-111



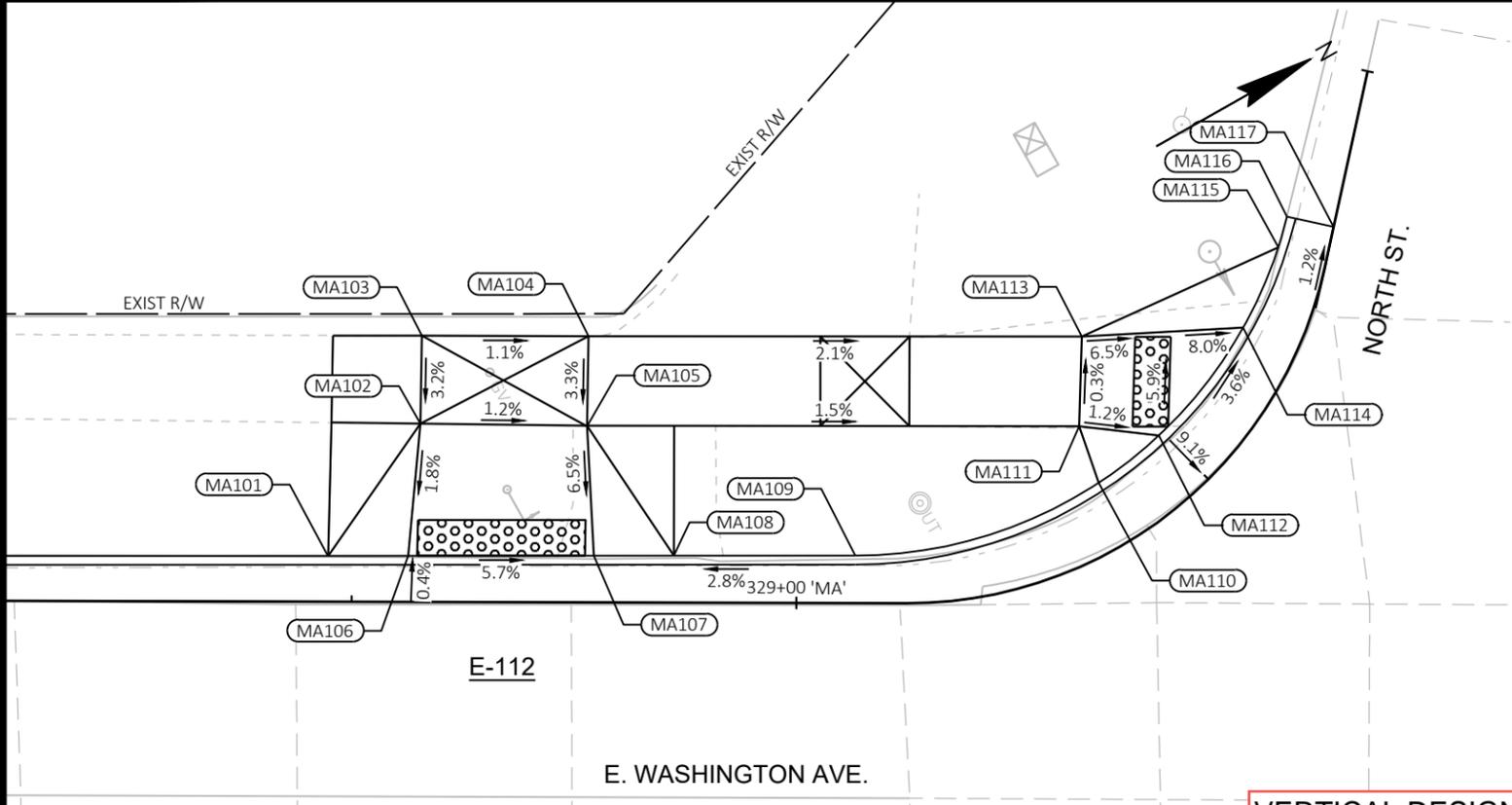
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FC-109	287+87.08 'FC'	0.06' RT	489145.60	827795.79	861.40	EOP
FC-110	287+87.10 'FC'	2.43' RT	489143.90	827797.45	861.65	FOW
FC-111	287+91.69 'FC'	2.40' RT	489147.11	827800.74	861.46	FOW
FC-112	287+91.69 'FC'	4.40' RT	489145.67	827802.12	861.56	FOW
FC-113	287+91.68 'FC'	10.12' RT	489141.55	827806.09	861.84	FOW
FC-114	287+86.82 'FC'	10.07' RT	489138.21	827802.56	861.76	FOW
FC-115	287+81.38 'FC'	10.18' RT	489134.36	827798.72	861.73	MATCH
FC-116	287+81.30 'FC'	14.94' RT	489130.87	827801.98	861.95	MATCH
FC-117	287+91.68 'FC'	15.12' RT	489137.95	827809.56	861.94	BOW
FC-118	288+10.84 'FC'	15.38' RT	489149.97	827822.45	862.63	MATCH
FC-119	288+10.15 'FC'	10.39' RT	489153.63	827819.04	862.53	MATCH
FC-120	288+01.68 'FC'	10.29' RT	489148.37	827813.40	862.00	FOW
FC-121	288+01.69 'FC'	4.41' RT	489152.61	827809.32	861.80	FOW
FC-122	288+01.69 'FC'	2.35' RT	489154.09	827807.89	861.73	BOC
FC-123	288+09.54 'FC'	2.56' RT	489159.29	827813.61	862.36	FOW
FC-124	288+17.64 'FC'	2.72' RT	489163.02	827819.83	862.40	FOW
FC-125	288+17.68 'FC'	0.03' RT	489165.50	827818.80	862.16	EOP
FC-126	288+16.98 'FC'	1.54' LT	489166.64	827817.50	862.22	EOP
FC-127	288+01.28 'FC'	15.26' RT	489144.52	827816.57	862.09	BOW

REVISION: _____ DATE: _____ BY: _____
 MARK: _____
 Designed By: STW/MD Date: 2022-07-14
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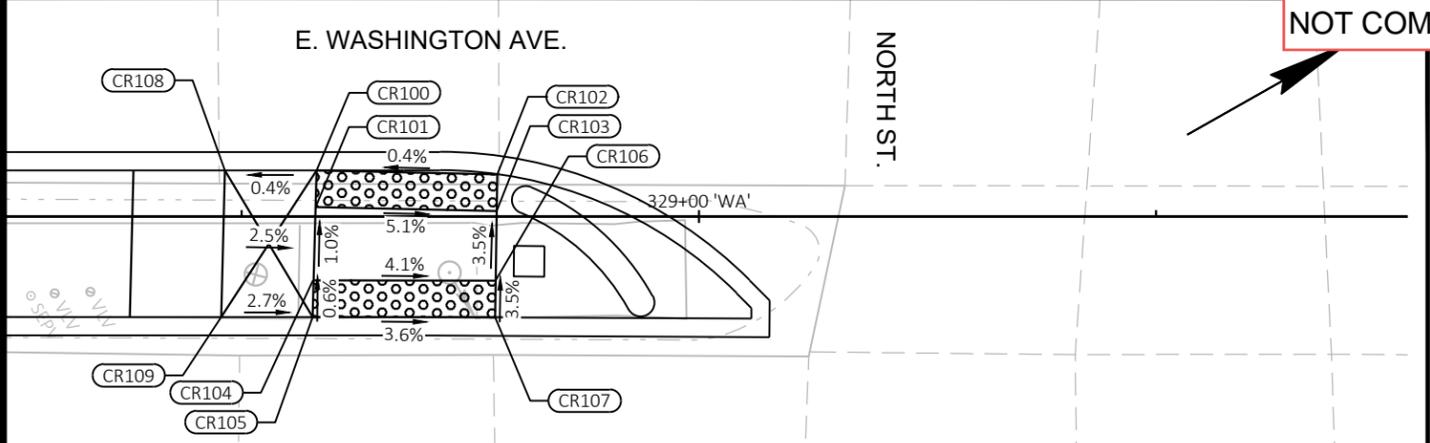
60631225P
 CITY OF MADISON, DANE COUNTY, WI
CONTRACT NO: 60631225C

CURB RAMP DETAILS
BUS RAPID TRANSIT
CITY OF MADISON

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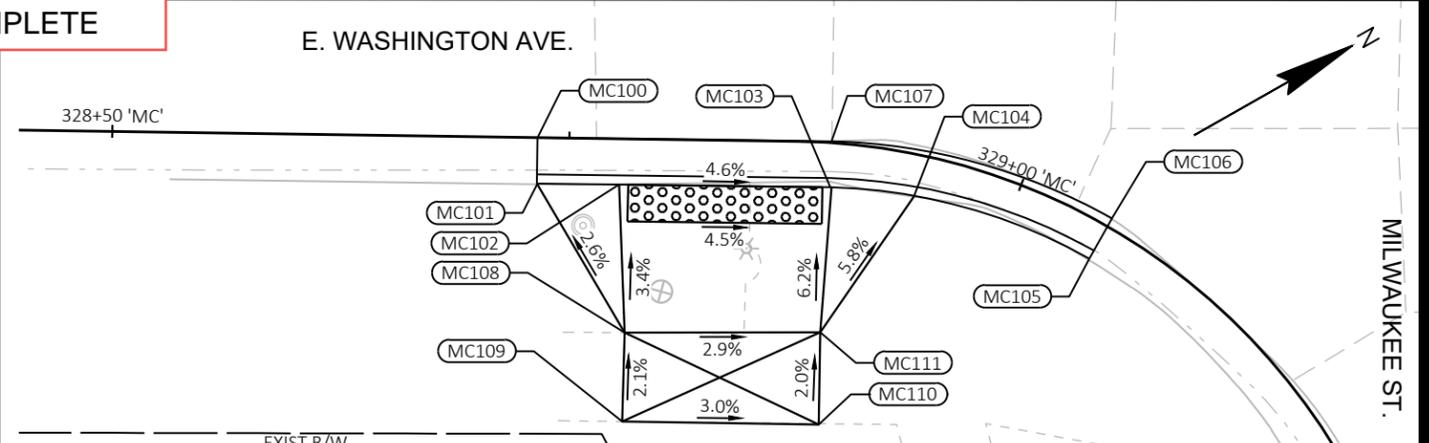


STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MA101	328+75.25 'WA'	48.36' LT	492157.72	830540.82	861.97	BOC
MA102	328+80.44 'WA'	55.76' LT	492165.89	830536.94	862.05	FOW
MA103	328+80.52 'WA'	60.69' LT	492168.38	830532.69	862.21	BOW
MA104	328+89.88 'WA'	60.66' LT	492176.52	830537.32	862.10	BOW
MA105	328+89.80 'WA'	55.61' LT	492173.96	830541.68	861.93	FOW
MA106	328+79.76 'WA'	48.37' LT	492161.65	830543.03	861.97	BOC
MA107	328+90.19 'WA'	48.36' LT	492170.72	830548.18	861.62	BOC
MA108	328+94.69 'WA'	48.37' LT	492174.64	830550.40	861.60	BOC
MA109	329+04.89 'WA'	48.37' LT	492183.52	830555.42	861.81	BOC
MA110	329+18.56 'WA'	52.45' LT	492197.42	830558.61	861.58	BOC
MA111	329+17.47 'WA'	55.61' LT	492198.03	830555.31	861.53	FOW
MA112	329+21.95 'WA'	55.11' LT	492201.68	830557.96	861.48	BOC
MA113	329+17.62 'WA'	60.64' LT	492200.64	830551.01	861.51	BOW
MA114	329+26.69 'WA'	61.15' LT	492208.79	830555.04	860.83	BOC
MA115	329+28.66 'WA'	65.65' LT	492212.72	830552.09	861.06	BOC
MA116	329+29.15 'WA'	67.37' LT	492213.99	830550.84	861.04	BOC
MA117	329+31.77 'WA'	66.80' LT	492215.98	830552.63	860.72	EOP



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
CR100	328+79.09 'WA'	2.51' LT	492138.47	830582.61	862.38	EOP
CR101	328+79.04 'WA'	0.52' LT	492137.45	830584.33	862.91	FOW
CR102	328+88.98 'WA'	2.30' LT	492146.97	830587.67	862.42	EOP
CR103	328+88.94 'WA'	0.30' LT	492145.95	830589.39	862.40	FOW
CR104	328+78.89 'WA'	3.49' RT	492135.34	830587.73	862.95	FOW
CR105	328+78.88 'WA'	5.49' RT	492134.35	830589.47	862.96	EOP
CR106	328+88.87 'WA'	3.51' RT	492144.01	830592.67	862.53	FOW
CR107	328+88.86 'WA'	5.51' RT	492143.02	830594.41	862.60	EOP
CR108	328+74.08 'WA'	2.52' LT	492134.12	830580.14	862.36	TOP
CR109	328+73.88 'WA'	5.48' RT	492130.00	830587.00	863.10	TOP

VERTICAL DESIGN NOT COMPLETE



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC100	328+76.49 'MC'	0.00'	492098.64	830639.17	862.07	EOP
MC101	328+76.60 'MC'	2.32' RT	492097.38	830641.38	862.20	BOC
MC102	328+86.90 'MC'	2.22' RT	492101.27	830643.60	862.13	BOC
MC103	328+86.91 'MC'	3.56' RT	492111.25	830649.42	861.64	BOC
MC104	328+86.94 'MC'	10.39' RT	492114.97	830652.10	861.61	BOC
MC105	328+78.12 'MC'	10.58' RT	492121.66	830659.78	862.05	BOC
MC106	328+78.16 'MC'	15.42' RT	492123.78	830658.50	861.64	EOP
MC107	328+97.25 'MC'	14.58' RT	492112.54	830647.27	861.71	EOP
MC108	329+13.70 'MC'	22.53' RT	492097.55	830650.77	862.44	FOW
MC109	329+18.98 'MC'	18.28' RT	492095.05	830654.93	862.55	MATCH
MC110	329+04.58 'MC'	12.64' RT	492104.32	830660.37	862.23	MATCH
MC111	329+16.46 'MC'	5.77' RT	492106.87	830656.02	862.13	FOW

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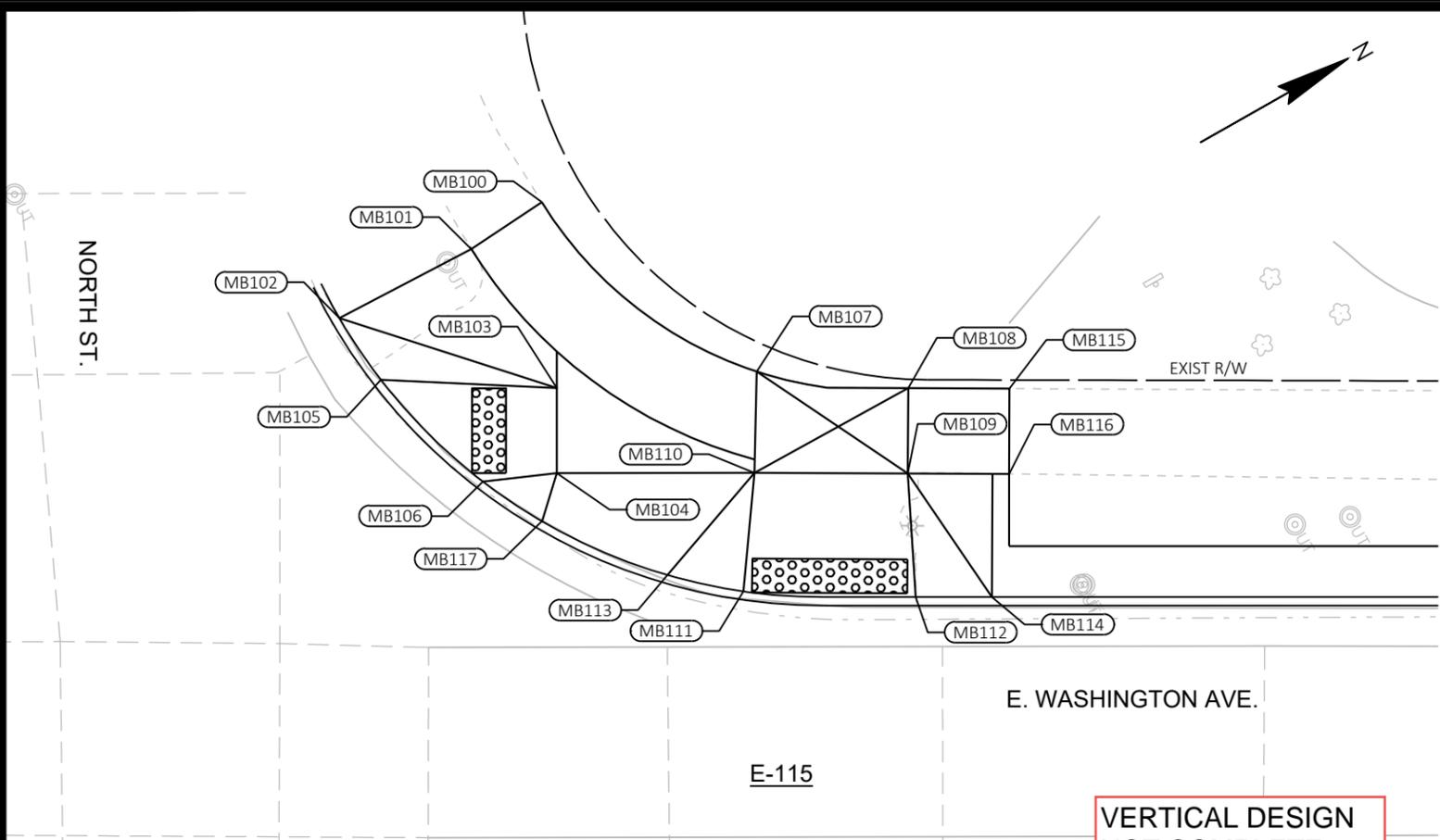
CITY OF MADISON
CITY OF MADISON

BUS RAPID TRANSIT
BUS RAPID TRANSIT

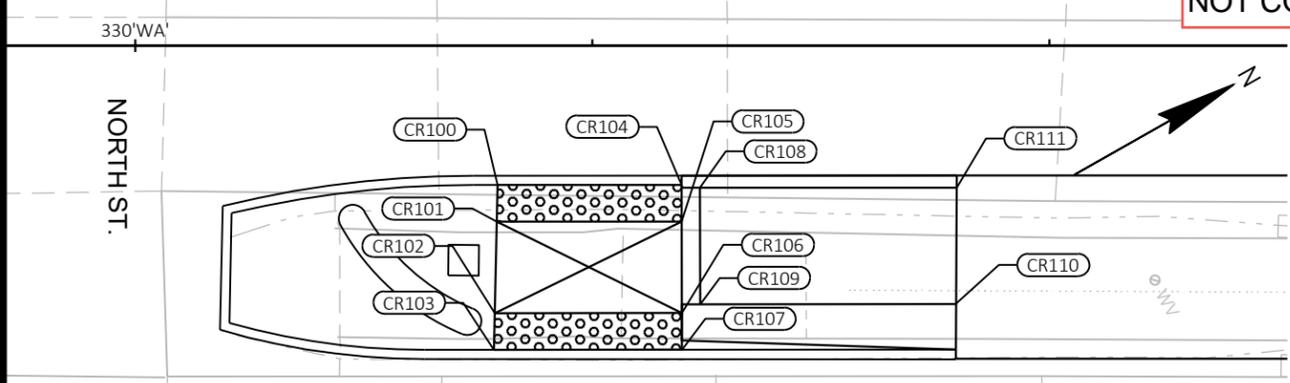
CURB RAMP DETAILS
CURB RAMP DETAILS

CONTRACT NO: 60631225C
CONTRACT NO: 60631225C

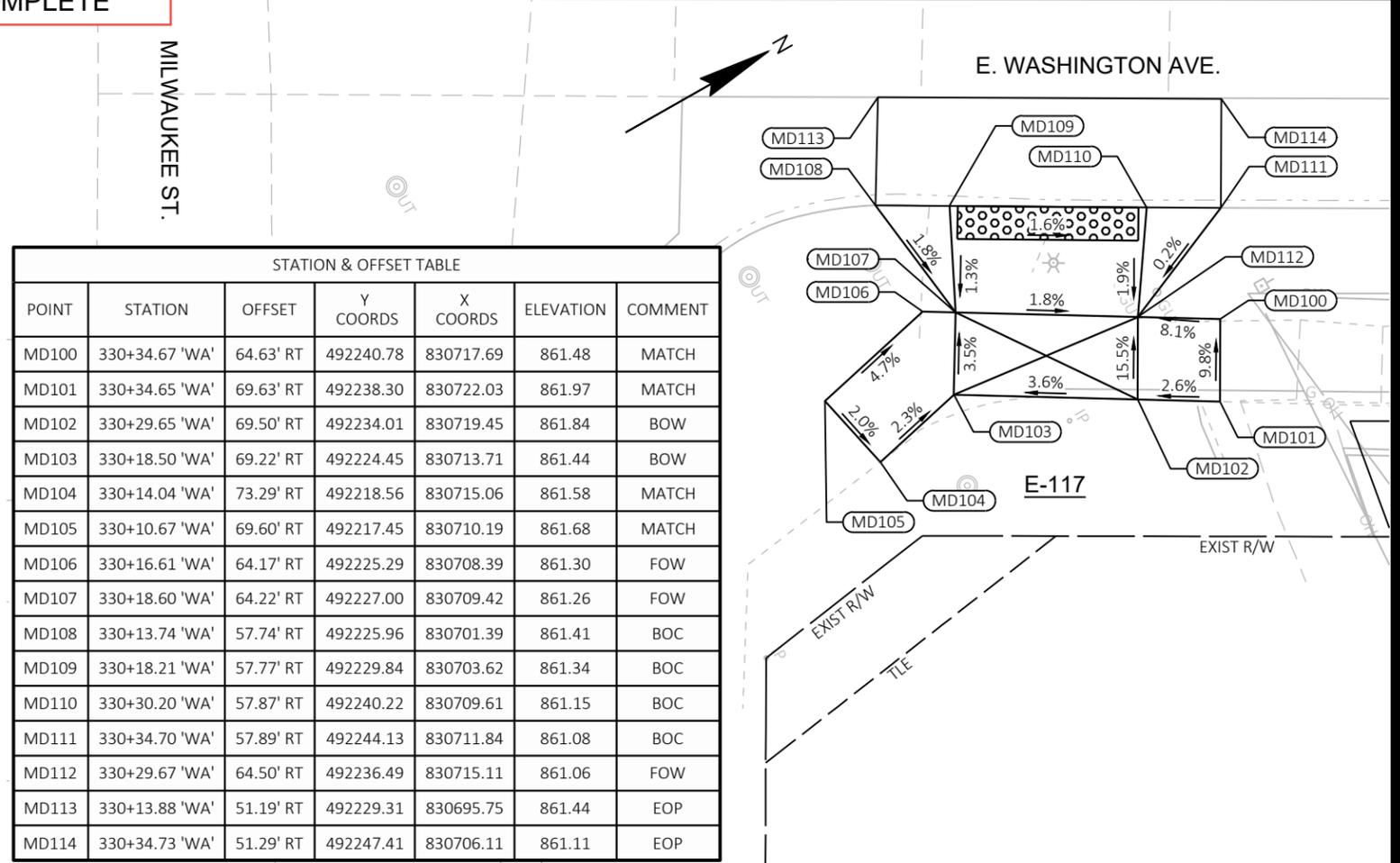
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STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MB100	330+08.63 'WA'	71.67' LT	492285.27	830586.25	0.00	BOW
MB101	330+04.45 'WA'	68.92' LT	492280.28	830586.59	0.00	FOW
MB102	329+96.67 'WA'	64.85' LT	492271.50	830586.30	0.00	BOC
MB103	330+09.50 'WA'	60.72' LT	492280.64	830596.21	0.00	FOW
MB104	330+09.50 'WA'	55.72' LT	492278.18	830600.56	0.00	FOW
MB105	329+99.12 'WA'	61.21' LT	492271.84	830590.66	0.00	BOC
MB106	330+05.14 'WA'	55.22' LT	492274.13	830598.85	0.00	BOC
MB107	330+21.30 'WA'	61.70' LT	492291.38	830601.17	0.00	BOW
MB108	330+30.25 'WA'	60.73' LT	492298.69	830606.42	0.00	BOW
MB109	330+30.22 'WA'	55.70' LT	492296.19	830610.79	0.00	FOW
MB110	330+21.17 'WA'	55.73' LT	492288.33	830606.30	0.00	FOW
MB111	330+20.52 'WA'	48.75' LT	492284.33	830612.06	0.00	BOC
MB112	330+30.69 'WA'	48.42' LT	492293.01	830617.36	0.00	BOC
MB113	330+16.04 'WA'	49.71' LT	492280.90	830609.01	0.00	BOC
MB114	330+35.19 'WA'	48.42' LT	492296.93	830619.57	0.00	BOC
MB115	330+36.22 'WA'	60.70' LT	492303.88	830609.39	0.00	BOW
MB116	330+36.20 'WA'	55.67' LT	492301.39	830613.76	0.00	FOW
MB117	330+08.65 'WA'	52.92' LT	492276.05	830602.58	0.00	BOC



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
CR100	330+19.81 'WA'	7.59' RT	492255.96	830660.73	0.00	EOP
CR101	330+19.77 'WA'	9.59' RT	492254.93	830662.45	0.00	FOW
CR102	330+19.66 'WA'	14.59' RT	492252.38	830666.75	0.00	FOW
CR103	330+19.62 'WA'	16.59' RT	492251.35	830668.47	0.00	EOP
CR104	330+29.89 'WA'	7.58' RT	492264.73	830665.69	0.00	EOP
CR105	330+29.89 'WA'	9.58' RT	492263.74	830667.44	0.00	FOW
CR106	330+29.89 'WA'	14.58' RT	492261.28	830671.79	0.00	FOW
CR107	330+29.89 'WA'	16.58' RT	492260.29	830673.53	0.00	EOP
CR108	330+30.89 'WA'	7.75' RT	492265.51	830666.33	0.00	TOP
CR109	330+30.89 'WA'	14.11' RT	492262.39	830671.86	0.00	TOP
CR110	330+44.87 'WA'	14.10' RT	492274.55	830678.74	0.00	TOP
CR111	330+44.93 'WA'	7.74' RT	492277.74	830673.24	0.00	TOP



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MD100	330+34.67 'WA'	64.63' RT	492240.78	830717.69	861.48	MATCH
MD101	330+34.65 'WA'	69.63' RT	492238.30	830722.03	861.97	MATCH
MD102	330+29.65 'WA'	69.50' RT	492234.01	830719.45	861.84	BOW
MD103	330+18.50 'WA'	69.22' RT	492224.45	830713.71	861.44	BOW
MD104	330+14.04 'WA'	73.29' RT	492218.56	830715.06	861.58	MATCH
MD105	330+10.67 'WA'	69.60' RT	492217.45	830710.19	861.68	MATCH
MD106	330+16.61 'WA'	64.17' RT	492225.29	830708.39	861.30	FOW
MD107	330+18.60 'WA'	64.22' RT	492227.00	830709.42	861.26	FOW
MD108	330+13.74 'WA'	57.74' RT	492225.96	830701.39	861.41	BOC
MD109	330+18.21 'WA'	57.77' RT	492229.84	830703.62	861.34	BOC
MD110	330+30.20 'WA'	57.87' RT	492240.22	830709.61	861.15	BOC
MD111	330+34.70 'WA'	57.89' RT	492244.13	830711.84	861.08	BOC
MD112	330+29.67 'WA'	64.50' RT	492236.49	830715.11	861.06	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	861.11	EOP

CITY OF MADISON
 BUS RAPID TRANSIT
 CONTRACT NO: 60631225C

CURB RAMP DETAILS
 60631225P

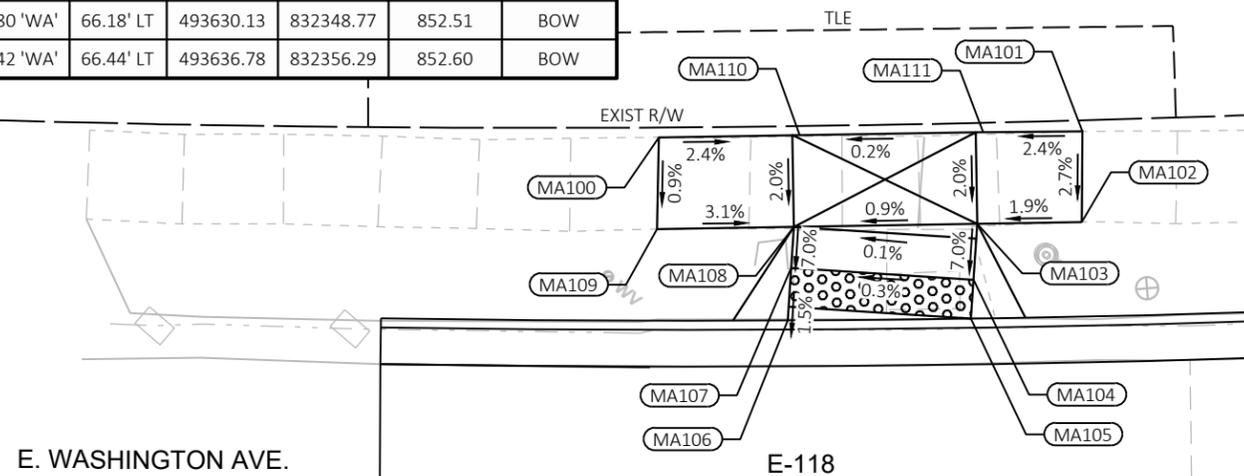
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 Scale: 1" = 30'11"

DATE BY
 REVISION
 MARK

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 LAST PLOT DATE: 2022-07-14
 LAYOUT NAME: 021307-CR

STATION & OFFSET TABLE

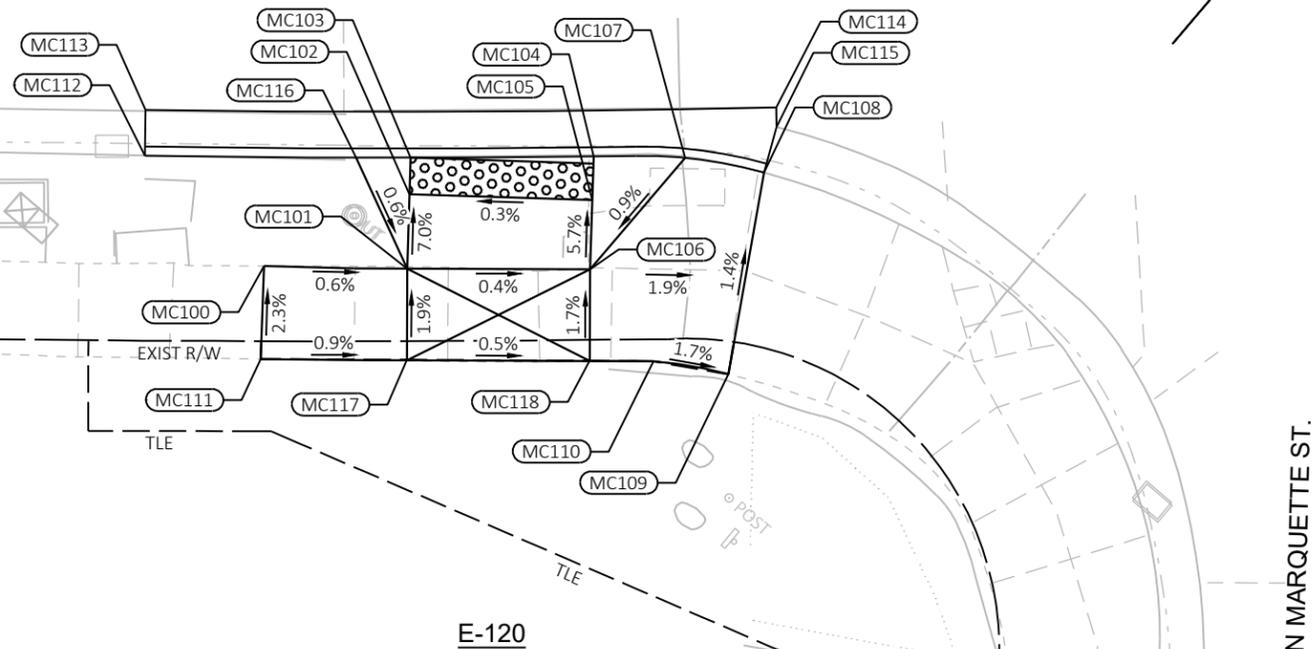
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MA100	352+36.66 'WA'	65.91' LT	493625.03	832343.00	852.68	MATCH
MA101	352+61.17 'WA'	66.50' LT	493640.34	832360.39	852.74	MATCH
MA102	352+61.15 'WA'	61.55' LT	493636.56	832363.59	852.60	MATCH
MA103	352+55.11 'WA'	61.43' LT	493632.77	832359.29	852.49	FOW
MA104	352+54.92 'WA'	58.38' LT	493630.32	832361.13	852.28	FOW
MA105	352+54.79 'WA'	56.26' LT	493628.62	832362.40	852.13	BOC
MA106	352+44.27 'WA'	56.05' LT	493622.02	832354.85	852.09	BOC
MA107	352+44.42 'WA'	58.92' LT	493624.32	832353.12	852.25	FOW
MA108	352+44.54 'WA'	61.17' LT	493626.12	832351.78	852.41	FOW
MA109	352+36.67 'WA'	60.91' LT	493621.17	832346.18	852.63	MATCH
MA110	352+44.80 'WA'	66.18' LT	493630.13	832348.77	852.51	BOW
MA111	352+55.42 'WA'	66.44' LT	493636.78	832356.29	852.60	BOW



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MB100	352+41.74 'WA'	5.19' LT	493581.27	832385.38	852.56	BOC
MB101	352+51.78 'WA'	4.85' LT	493587.41	832393.28	852.65	BOC
MB102	352+51.66 'WA'	2.67' LT	493585.66	832394.58	852.69	FOW
MB103	352+41.65 'WA'	3.19' LT	493579.67	832386.58	852.60	FOW
MB104	352+41.40 'WA'	4.81' RT	493573.34	832391.48	852.80	FOW
MB105	352+51.36 'WA'	4.99' RT	493579.60	832399.28	852.84	FOW
MB106	352+51.31 'WA'	6.99' RT	493578.04	832400.54	852.87	BOC
MB107	352+41.37 'WA'	6.81' RT	493571.78	832392.73	852.84	BOC

E. WASHINGTON AVE.



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC100	352+33.15 'WA'	67.27' RT	493519.65	832424.51	852.87	MATCH
MC101	352+40.56 'WA'	67.25' RT	493524.63	832430.55	852.82	FOW
MC102	352+40.62 'WA'	63.19' RT	493527.79	832428.01	852.54	FOW
MC103	352+40.64 'WA'	61.19' RT	493529.35	832426.76	852.40	BOC
MC104	352+50.16 'WA'	60.98' RT	493535.91	832434.32	852.45	BOC
MC105	352+50.11 'WA'	63.36' RT	493534.05	832435.81	852.57	FOW
MC106	352+50.04 'WA'	67.14' RT	493531.10	832438.18	852.78	FOW
MC107	352+54.93 'WA'	61.02' RT	493539.11	832438.18	852.85	BOC
MC108	352+59.03 'WA'	61.80' RT	493541.30	832441.97	852.58	BOC
MC109	352+57.24 'WA'	72.81' RT	493531.68	832447.65	852.73	MATCH
MC110	352+53.36 'WA'	72.12' RT	493529.55	832444.07	852.80	BOW
MC111	352+33.10 'WA'	72.35' RT	493515.67	832427.67	852.98	MATCH
MC112	352+26.81 'WA'	61.43' RT	493519.98	832415.64	852.75	BOC
MC113	352+26.78 'WA'	58.93' RT	493521.91	832414.05	852.43	EOP
MC114	352+59.66 'WA'	58.24' RT	493544.44	832440.17	852.56	EOP
MC115	352+59.67 'WA'	59.30' RT	493543.64	832440.87	852.44	EOP
MC116	352+37.80 'WA'	61.25' RT	493527.41	832424.49	852.86	BOC
MC117	352+40.63 'WA'	72.22' RT	493520.84	832433.77	852.91	BOW
MC118	352+50.07 'WA'	72.12' RT	493527.31	832441.40	852.86	BOW

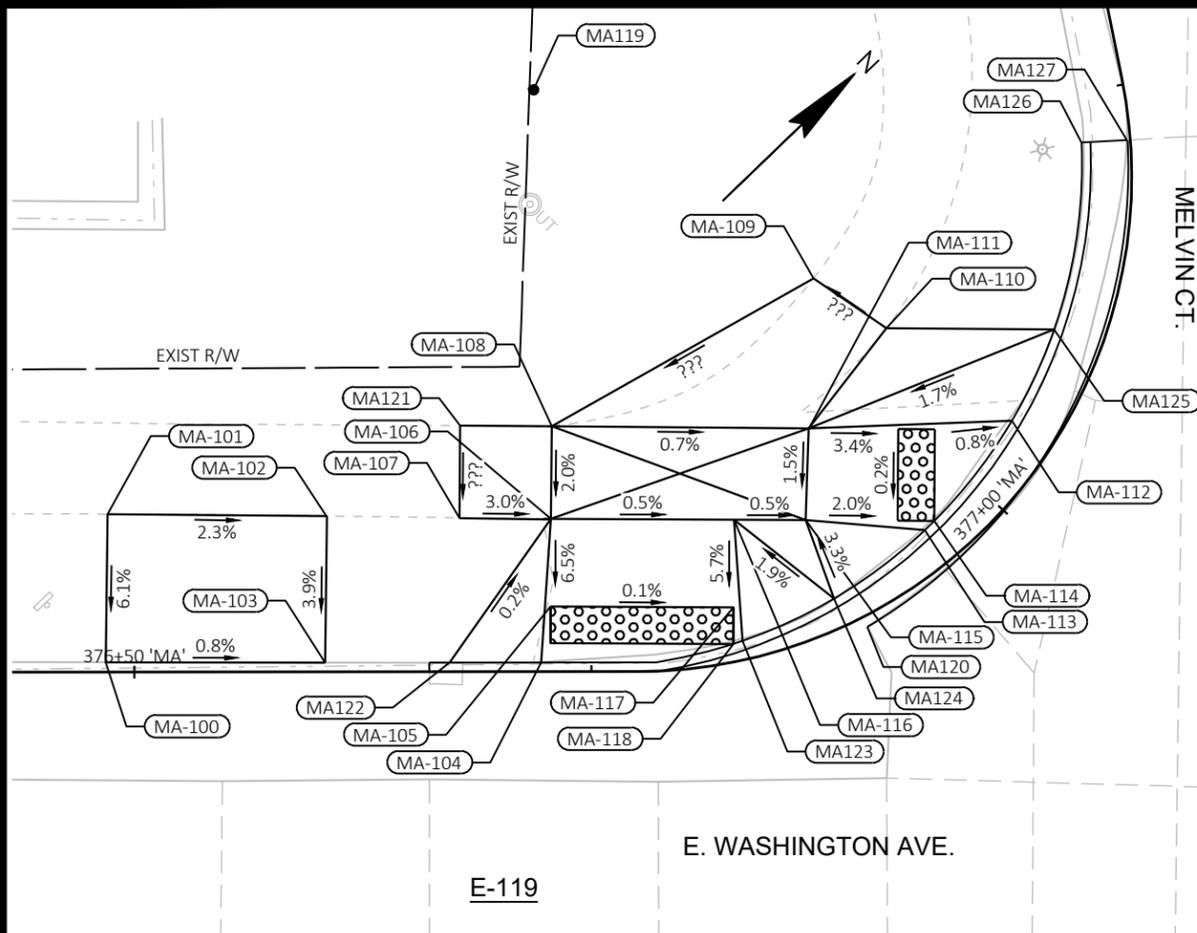
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 REVISION: _____ DATE: 2022-07-14
 Designed By: AECOM Date: 2022-07-14
 60631225P

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

CURB RAMP DETAILS
BUS RAPID TRANSIT
CITY OF MADISON

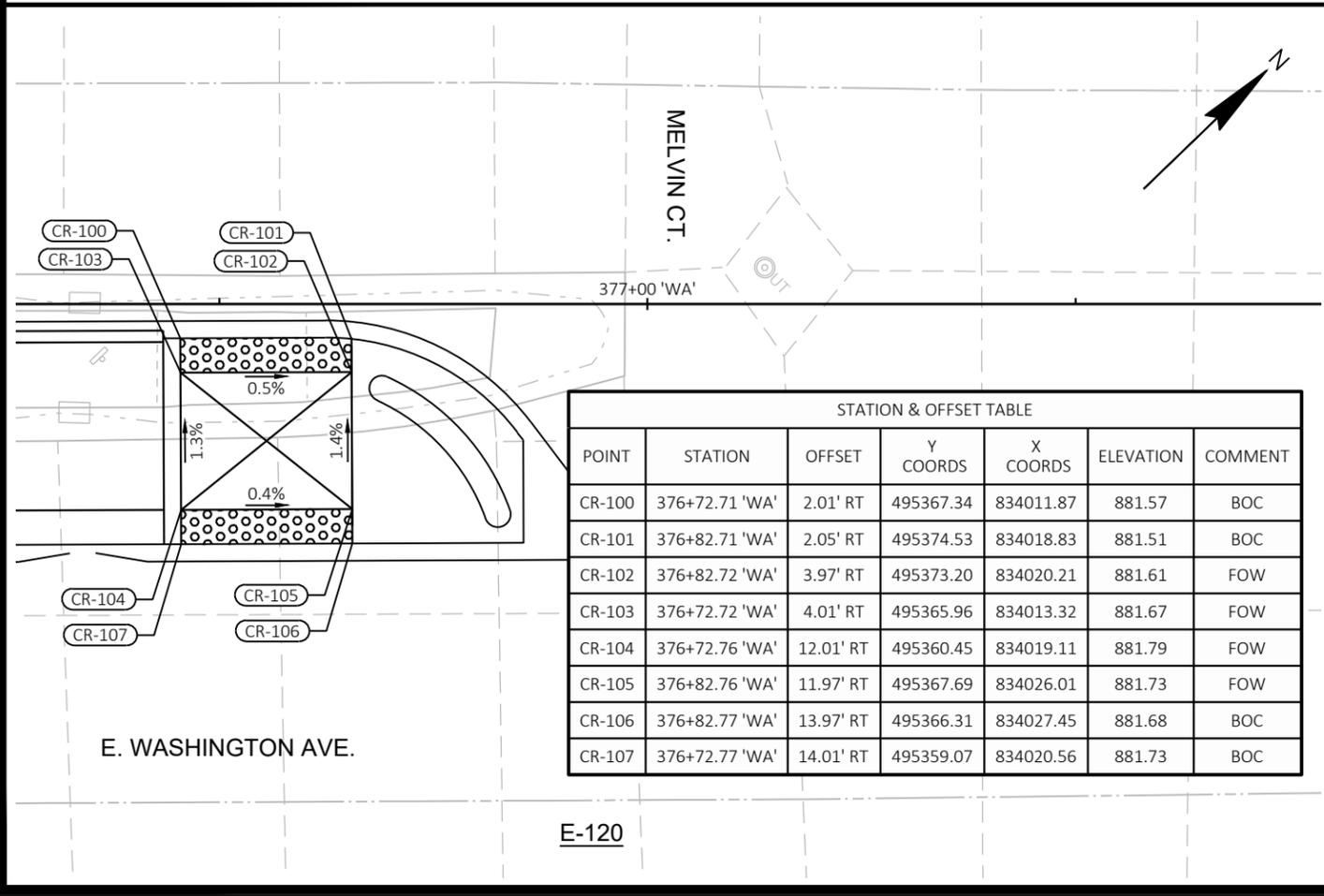
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 LAYOUT NAME: - 021308.ctb

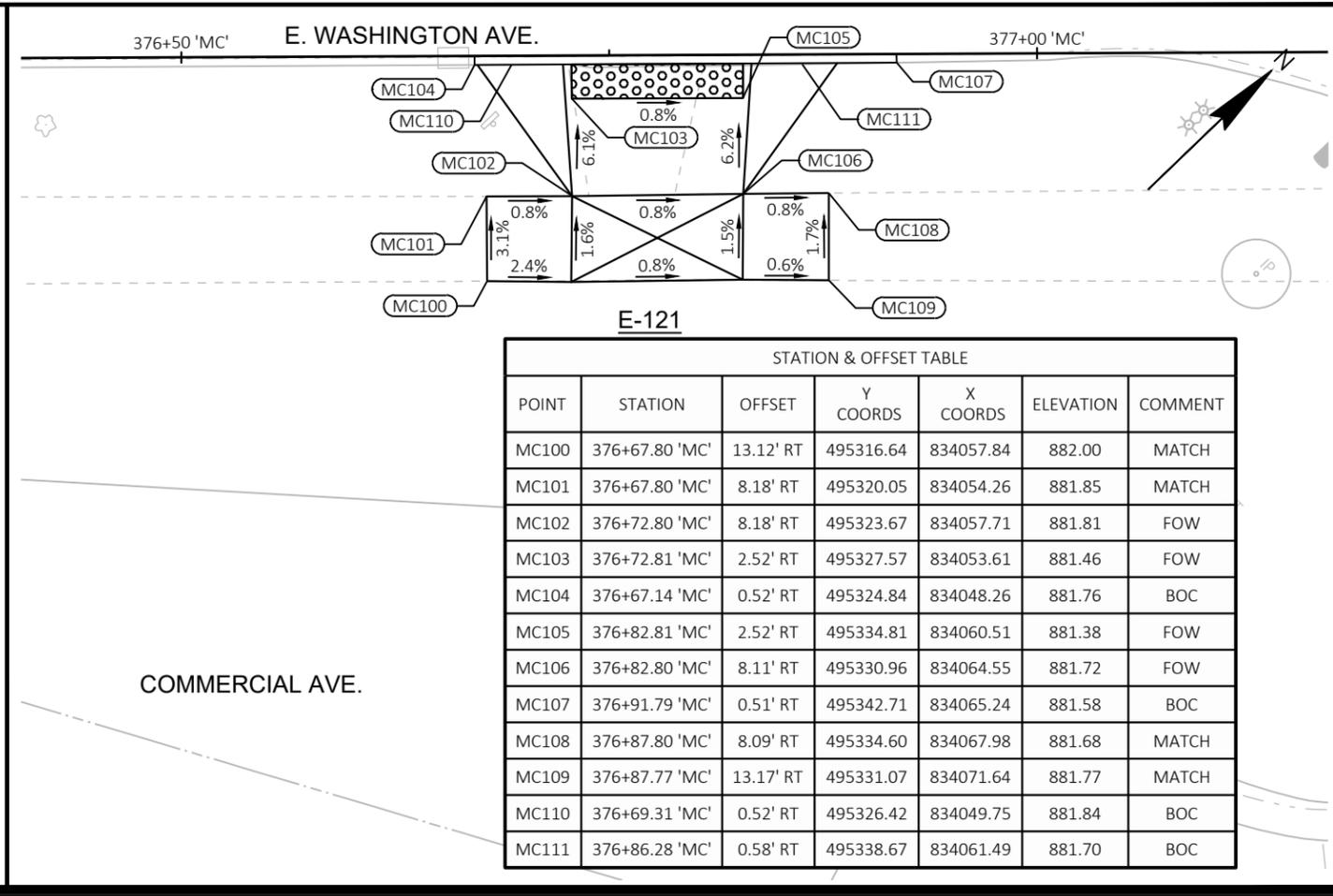


STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MA-100	376+48.43 'MA'	0.53' LT	495379.73	833963.62	881.35	BOC
MA-101	376+48.54 'MA'	8.62' LT	495385.40	833957.86	0.00	MATCH
MA-102	376+60.54 'MA'	8.45' LT	495393.95	833966.29	881.56	MATCH
MA-103	376+60.43 'MA'	0.50' LT	495388.37	833971.95	881.26	BOC
MA-104	376+72.25 'MA'	0.50' LT	495396.90	833980.13	880.80	BOC
MA-105	376+72.77 'MA'	3.55' LT	495399.38	833978.29	880.86	FOW
MA-106	376+72.79 'MA'	8.34' LT	495402.71	833974.85	881.17	FOW
MA-107	376+67.79 'MA'	8.38' LT	495399.13	833971.36	881.33	MATCH
MA-108	376+72.83 'MA'	13.38' LT	495406.23	833971.24	881.27	MATCH
MA-109	377+05.78 'MA'	15.90' LT	495422.15	833975.35	881.35	MATCH
MA-110	377+05.19 'MA'	11.09' LT	495423.14	833980.06	881.24	MATCH
MA-111	376+93.68 'MA'	10.38' LT	495416.31	833981.07	881.18	FOW
MA-112	377+04.35 'MA'	2.60' LT	495424.58	833988.46	880.92	BOC
MA-113	376+95.98 'MA'	2.14' LT	495417.03	833989.46	881.00	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MA-114	376+96.75 'MA'	2.19' LT	495417.74	833989.46	880.94	BOC
MA-115	376+89.82 'MA'	6.15' LT	495412.70	833984.54	881.11	FOW
MA-116	376+84.92 'MA'	7.56' LT	495409.89	833981.81	881.13	FOW
MA-117	376+83.44 'MA'	2.93' LT	495406.56	833985.25	880.85	FOW
MA-118	376+82.99 'MA'	0.97' LT	495405.17	833986.68	880.74	BOC
MA119	377+31.19 'MA'	31.64' LT	495418.24	833957.31	0.00	RAD=18'
MA120	376+90.29 'MA'	0.57' RT	495411.10	833991.08	880.81	BOC
MA121	376+67.83 'MA'	13.42' LT	495402.65	833967.75	0.00	MATCH
MA122	376+67.25 'MA'	0.51' LT	495393.30	833976.66	881.19	BOC
MA123	376+83.53 'MA'	1.03' LT	495405.64	833986.91	880.79	BOC
MA124	376+89.31 'MA'	1.60' LT	495410.86	833988.72	881.26	BOC
MA125	377+10.46 'MA'	2.77' LT	495429.70	833986.46	881.43	BOC
MA126	377+22.01 'MA'	2.68' LT	495437.85	833980.14	881.37	BOC
MA127	377+21.95 'MA'	0.20' LT	495439.73	833981.77	880.87	EOP



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
CR-100	376+72.71 'WA'	2.01' RT	495367.34	834011.87	881.57	BOC
CR-101	376+82.71 'WA'	2.05' RT	495374.53	834018.83	881.51	BOC
CR-102	376+82.72 'WA'	3.97' RT	495373.20	834020.21	881.61	FOW
CR-103	376+72.72 'WA'	4.01' RT	495365.96	834013.32	881.67	FOW
CR-104	376+72.76 'WA'	12.01' RT	495360.45	834019.11	881.79	FOW
CR-105	376+82.76 'WA'	11.97' RT	495367.69	834026.01	881.73	FOW
CR-106	376+82.77 'WA'	13.97' RT	495366.31	834027.45	881.68	BOC
CR-107	376+72.77 'WA'	14.01' RT	495359.07	834020.56	881.73	BOC



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MC100	376+67.80 'MC'	13.12' RT	495316.64	834057.84	882.00	MATCH
MC101	376+67.80 'MC'	8.18' RT	495320.05	834054.26	881.85	MATCH
MC102	376+72.80 'MC'	8.18' RT	495323.67	834057.71	881.81	FOW
MC103	376+72.81 'MC'	2.52' RT	495327.57	834053.61	881.46	FOW
MC104	376+67.14 'MC'	0.52' RT	495324.84	834048.26	881.76	BOC
MC105	376+82.81 'MC'	2.52' RT	495334.81	834060.51	881.38	FOW
MC106	376+82.80 'MC'	8.11' RT	495330.96	834064.55	881.72	FOW
MC107	376+91.79 'MC'	0.51' RT	495342.71	834065.24	881.58	BOC
MC108	376+87.80 'MC'	8.09' RT	495334.60	834067.98	881.68	MATCH
MC109	376+87.77 'MC'	13.17' RT	495331.07	834071.64	881.77	MATCH
MC110	376+69.31 'MC'	0.52' RT	495326.42	834049.75	881.84	BOC
MC111	376+86.28 'MC'	0.58' RT	495338.67	834061.49	881.70	BOC

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

CURB RAMP DETAILS

BUS RAPID TRANSIT

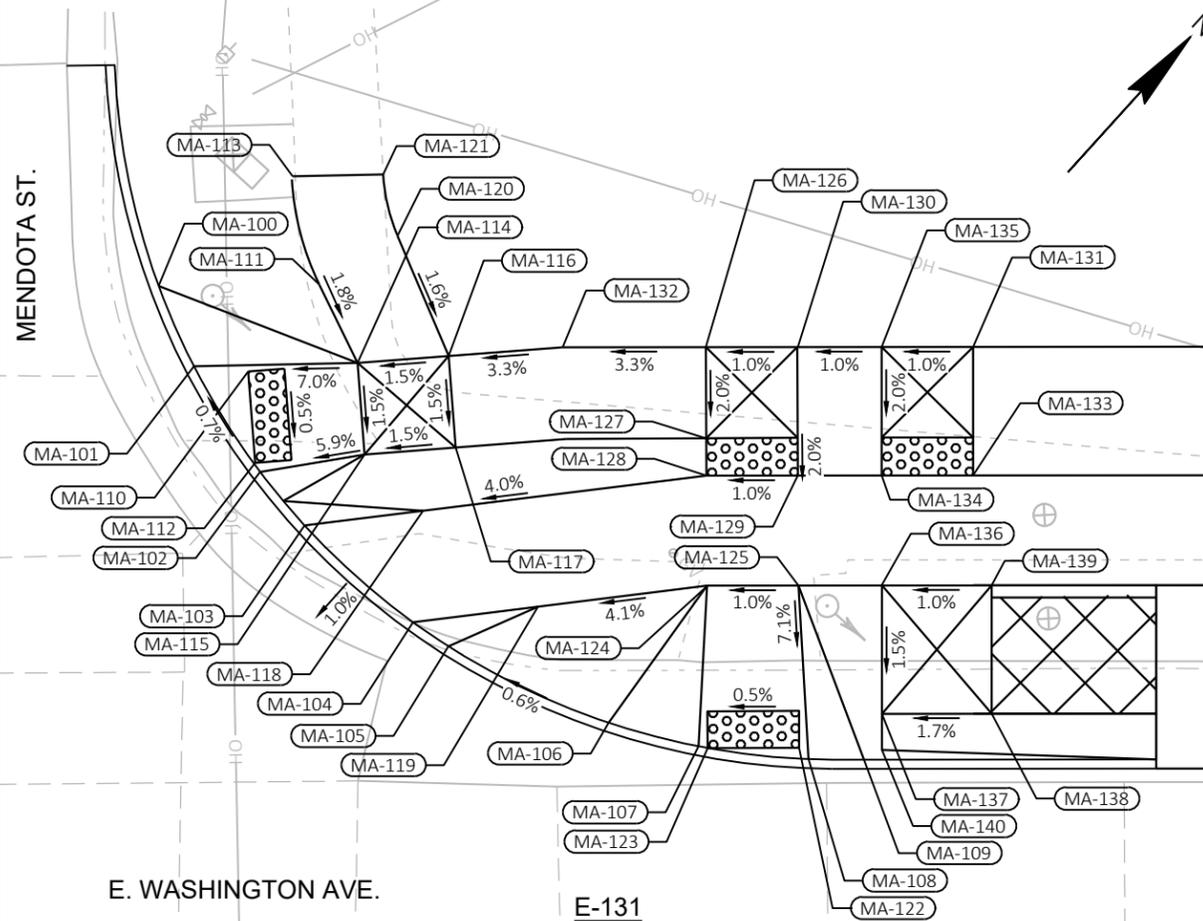
CITY OF MADISON

60631225P

REVISION	DATE	BY

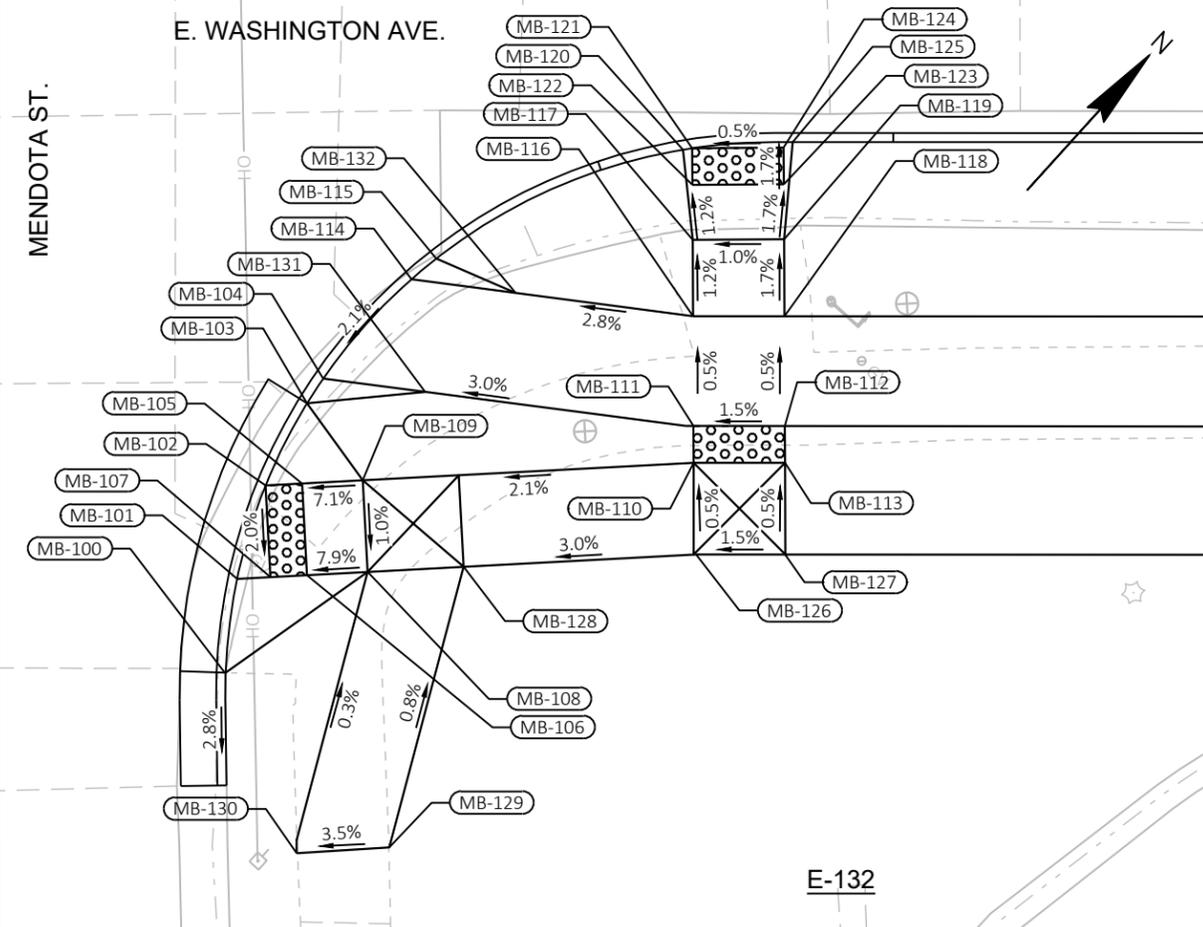
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LAST PLOT DATE: 2022-07-14
LAYOUT NAME: -021309_LT



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MA-100	429+91.88 'MA'	38.35' LT	499025.62	837870.99	886.89	BOC
MA-101	429+93.80 'MA'	33.96' LT	499023.66	837875.36	886.42	BOC
MA-102	429+97.41 'MA'	28.21' LT	499021.83	837881.90	886.46	BOC
MA-103	429+99.85 'MA'	25.28' LT	499021.30	837885.68	886.47	BOC
MA-104	430+05.78 'MA'	20.00' LT	499021.38	837893.62	886.50	BOC
MA-105	430+07.70 'MA'	18.69' LT	499021.71	837895.92	886.98	BOC
MA-106	430+16.46 'MA'	14.52' LT	499024.51	837905.21	887.03	BOC
MA-107	430+21.38 'MA'	13.23' LT	499026.85	837909.72	886.57	BOC
MA-108	430+27.39 'MA'	12.53' LT	499030.38	837914.64	886.58	BOC
MA-109	430+30.43 'MA'	12.50' LT	499032.40	837916.91	886.88	BOC
MA-110	429+96.76 'MA'	33.69' LT	499025.45	837877.74	886.46	FOW
MA-111	430+00.65 'MA'	38.43' LT	499031.58	837877.43	0.00	FOW
MA-112	429+97.14 'MA'	28.70' LT	499022.01	837881.38	886.46	BOC
MA-113	429+99.21 'MA'	44.34' LT	499034.98	837872.39	0.00	MATCH
MA-114	430+02.74 'MA'	34.14' LT	499029.81	837881.86	886.88	BOW
MA-115	430+03.12 'MA'	29.16' LT	499026.37	837885.50	886.80	FOW
MA-116	430+07.73 'MA'	34.52' LT	499033.44	837885.30	886.95	BOW
MA-117	430+08.11 'MA'	29.54' LT	499030.01	837888.93	886.88	FOW
MA-118	430+06.32 'MA'	26.08' LT	499026.25	837889.93	886.66	BOW
MA-119	430+12.60 'MA'	20.85' LT	499026.60	837898.10	886.78	FOW
MA-120	430+04.94 'MA'	41.09' LT	499036.43	837878.82	0.00	BOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MA-121	430+04.16 'MA'	44.43' LT	499038.38	837875.99	0.00	MATCH
MA-122	430+26.88 'MA'	13.15' LT	499030.50	837913.84	886.59	BOC
MA-123	430+21.88 'MA'	13.13' LT	499027.12	837910.16	886.57	BOC
MA-124	430+21.88 'MA'	22.00' LT	499033.69	837904.20	887.16	FOW
MA-125	430+26.85 'MA'	22.00' LT	499037.03	837907.87	887.21	FOW
MA-126	430+21.79 'MA'	35.00' LT	499043.25	837895.39	887.42	BOW
MA-127	430+21.81 'MA'	30.03' LT	499039.59	837898.75	887.32	FOW
MA-128	430+21.82 'MA'	28.00' LT	499038.09	837900.12	887.28	BOW
MA-129	430+26.82 'MA'	28.00' LT	499041.45	837903.82	887.33	BOW
MA-130	430+26.82 'MA'	35.00' LT	499046.63	837899.11	887.47	BOW
MA-131	430+36.41 'MA'	35.00' LT	499053.08	837906.21	887.57	BOW
MA-132	430+13.97 'MA'	35.00' LT	499037.99	837889.60	0.00	BOW
MA-133	430+36.41 'MA'	28.00' LT	499047.90	837910.92	887.43	BOW
MA-134	430+31.41 'MA'	28.00' LT	499044.54	837907.21	887.38	BOW
MA-135	430+31.41 'MA'	35.00' LT	499049.72	837902.51	887.52	BOW
MA-136	430+31.41 'MA'	22.00' LT	499040.09	837911.25	887.26	FOW
MA-137	430+31.41 'MA'	15.00' LT	499034.91	837915.96	887.15	FOW
MA-138	430+37.41 'MA'	15.00' LT	499038.95	837920.40	887.25	FOW
MA-139	430+37.41 'MA'	22.00' LT	499044.13	837915.69	887.32	FOW
MA-140	430+31.41 'MA'	13.02' LT	499033.45	837917.29	888.52	FOW



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MB-100	429+97.42 'MB'	41.50' RT	498924.86	837968.95	885.64	BOC
MB-101	429+98.07 'MB'	36.35' RT	498929.11	837965.98	885.29	BOC
MB-102	429+99.62 'MB'	31.26' RT	498933.92	837963.71	885.41	BOC
MB-103	430+01.89 'MB'	26.76' RT	498938.78	837962.37	885.85	BOC
MB-104	430+02.77 'MB'	25.42' RT	498940.36	837962.12	885.55	BOC
MB-105	430+01.61 'MB'	31.16' RT	498935.34	837965.12	885.55	FOW
MB-106	430+01.88 'MB'	36.15' RT	498931.82	837968.67	885.47	FOW
MB-107	429+99.89 'MB'	36.26' RT	498930.40	837967.26	885.31	FOW
MB-108	430+05.20 'MB'	35.97' RT	498934.18	837971.01	885.73	BOW
MB-109	430+04.93 'MB'	30.98' RT	498937.70	837967.46	885.78	FOW
MB-110	430+23.03 'MB'	30.00' RT	498950.58	837980.21	886.17	BOW
MB-111	430+23.03 'MB'	28.00' RT	498952.06	837978.87	886.16	BOW
MB-112	430+28.02 'MB'	28.00' RT	498955.41	837982.57	886.23	BOW
MB-113	430+28.03 'MB'	30.00' RT	498953.93	837983.92	886.24	BOW
MB-114	430+07.59 'MB'	20.00' RT	498947.62	837962.05	885.70	BOC
MB-115	430+08.95 'MB'	18.87' RT	498949.37	837962.30	886.21	BOC
MB-116	430+22.99 'MB'	22.00' RT	498956.48	837974.81	886.13	BOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
MB-117	430+22.97 'MB'	17.84' RT	498959.55	837972.00	886.08	FOW
MB-118	430+27.99 'MB'	22.00' RT	498959.84	837978.51	886.20	BOW
MB-119	430+27.97 'MB'	17.81' RT	498962.92	837975.69	886.13	FOW
MB-120	430+22.45 'MB'	12.92' RT	498962.84	837968.31	886.02	BOC
MB-121	430+22.95 'MB'	12.84' RT	498963.24	837968.62	886.02	BOC
MB-122	430+22.96 'MB'	14.84' RT	498961.76	837969.97	886.04	FOW
MB-123	430+27.96 'MB'	14.81' RT	498965.14	837973.66	886.08	FOW
MB-124	430+27.95 'MB'	12.81' RT	498966.61	837972.31	886.04	FOW
MB-125	430+28.44 'MB'	12.50' RT	498967.18	837972.47	886.04	BOC
MB-126	430+23.17 'MB'	35.00' RT	498946.96	837983.67	886.19	BOW
MB-127	430+28.03 'MB'	35.00' RT	498950.23	837987.27	886.27	BOW
MB-128	430+10.45 'MB'	35.69' RT	498937.92	837974.71	885.81	BOW
MB-129	430+06.39 'MB'	51.01' RT	498923.84	837981.99	885.93	MATCH
MB-130	430+01.33 'MB'	51.32' RT	498920.21	837978.44	885.76	MATCH
MB-131	430+08.36 'MB'	26.15' RT	498943.58	837966.75	885.71	FOW
MB-132	430+13.30 'MB'	20.74' RT	498950.90	837966.78	885.85	FOW

CITY OF MADISON

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

60631225P

CURB RAMP DETAILS

BUS RAPID TRANSIT

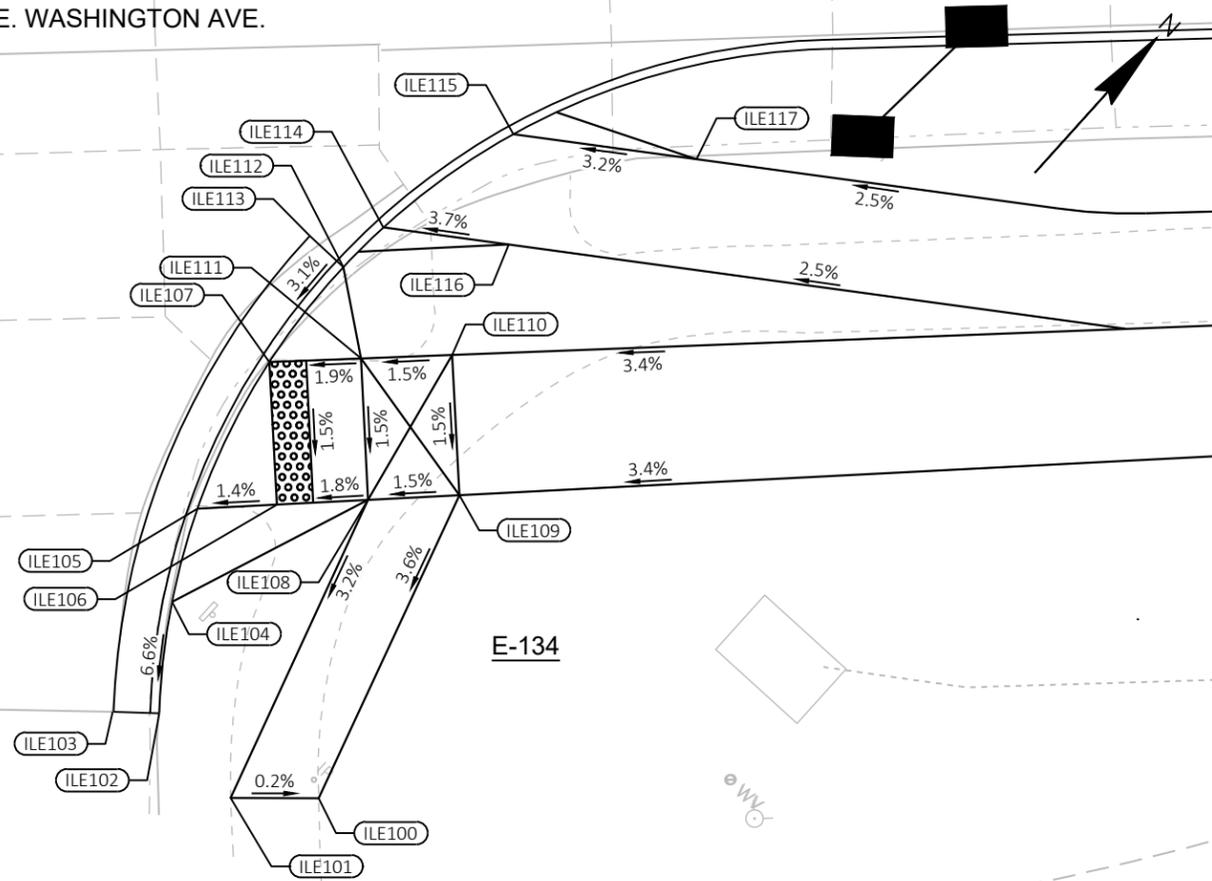
60631225P

MARK: _____
 DESIGNED BY: stw/mcd Date: 2022-07-14
 REVISION: _____
 DATE: _____
 BY: _____
 Scale: 1"=20 FT

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 LAST PLOT DATE: 2022-07-14
 LAYOUT NAME: - 021312.LT

E. WASHINGTON AVE.

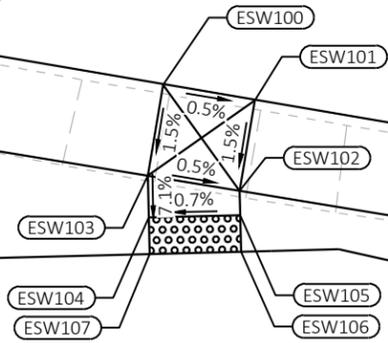
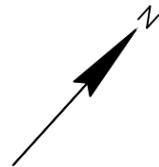
INDEPENDENCE LN.



E-134

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ILE100	478+56.74	51.71' RT	502233.05	841531.36	879.95	MATCH
ILE101	478+51.93	51.57' RT	502229.82	841527.78	879.97	MATCH
ILE102	478+48.15	46.85' RT	502230.62	841521.79	880.15	BOC
ILE103	478+45.60	46.70' RT	502228.96	841519.84	879.73	EOP
ILE104	478+49.01	40.79' RT	502235.59	841518.23	880.56	BOC
ILE105	478+50.53	35.75' RT	502240.29	841515.84	880.38	BOC
ILE106	478+54.87	35.64' RT	502243.37	841518.91	880.45	FOW
ILE107	478+54.66	27.86' RT	502248.85	841513.38	880.56	BOC
ILE108	478+59.87	35.52' RT	502246.91	841522.43	880.54	FOW
ILE109	478+64.87	35.39' RT	502250.45	841525.96	880.61	BOW
ILE110	478+64.67	27.73' RT	502255.86	841520.52	880.73	BOW
ILE111	478+59.67	27.79' RT	502252.36	841516.95	880.65	FOW
ILE112	478+58.84	22.79' RT	502255.40	841512.89	881.17	BOC
ILE113	478+57.06	21.04' RT	502255.44	841510.39	880.85	EOP
ILE114	478+61.09	20.68' RT	502258.48	841513.06	880.88	BOC
ILE115	478+68.33	15.78' RT	502267.02	841514.91	881.17	BOC
ILE116	478+67.92	21.80' RT	502262.39	841518.77	881.14	FOW
ILE117	478+78.30	17.41' RT	502272.74	841523.24	881.49	FOW



E-135

E. WASHINGTON AVE.

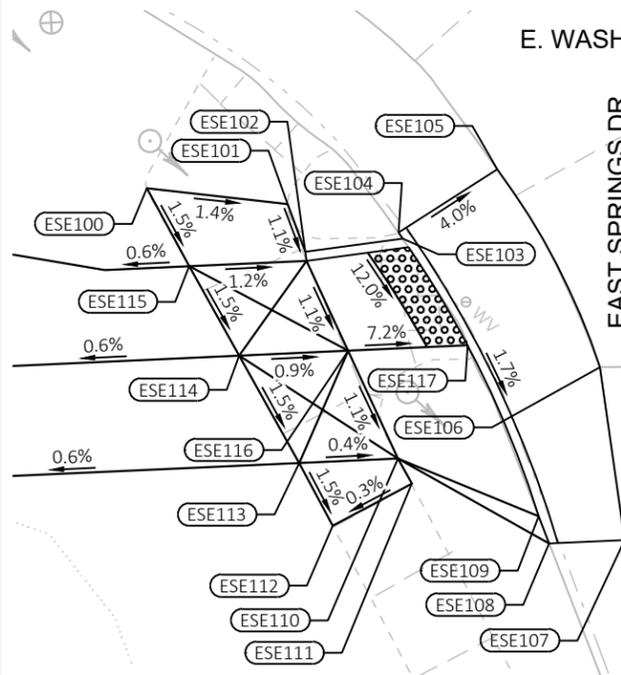
495+00

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ESW100	495+08.96	36.65' LT	503512.20	842595.16	912.71	BOW
ESW101	495+13.95	35.66' LT	503514.93	842599.45	912.68	BOW
ESW102	495+12.99	30.76' LT	503510.72	842602.14	912.60	FOW
ESW103	495+07.99	31.74' LT	503507.96	842597.87	912.63	FOW
ESW104	495+07.99	29.57' LT	503506.31	842599.45	912.47	FOW
ESW105	495+12.99	29.43' LT	503509.76	842603.06	912.50	FOW
ESW106	495+12.99	27.43' LT	503508.31	842604.44	912.35	BOW
ESW107	495+07.99	27.43' LT	503504.86	842600.83	912.32	BOW

E. WASHINGTON AVE.

EAST SPRINGS DR.



E-136

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
ESE100	496+87.07	133.90' RT	503511.93	842841.76	914.38	MATCH
ESE101	496+94.75	134.96' RT	503516.47	842848.05	914.27	MATCH
ESE102	496+95.66	137.59' RT	503515.19	842850.52	914.24	FOW
ESE103	497+01.00	137.01' RT	503519.30	842853.97	914.34	FOW
ESE104	497+00.78	136.67' RT	503519.39	842853.58	914.35	BOC
ESE105	497+06.27	133.36' RT	503525.58	842855.27	914.09	EOP
ESE106	497+11.60	144.30' RT	503521.35	842866.68	913.94	EOP
ESE107	497+12.70	153.76' RT	503515.28	842874.01	913.67	EOP
ESE108	497+08.57	153.84' RT	503512.37	842871.08	914.00	BOC
ESE109	497+08.04	152.35' RT	503513.07	842869.66	913.58	BOC
ESE110	497+00.43	149.00' RT	503510.24	842861.85	914.10	FOW
ESE111	497+01.13	150.40' RT	503509.71	842863.32	914.08	MATCH
ESE112	496+96.76	152.57' RT	503505.12	842861.67	914.07	MATCH
ESE113	496+95.02	149.10' RT	503506.43	842858.01	914.13	BOW
ESE114	496+91.89	143.16' RT	503508.56	842851.64	914.23	BOW
ESE115	496+89.28	138.21' RT	503510.34	842846.34	914.31	BOW
ESE116	496+97.86	143.04' RT	503512.77	842855.88	914.17	FOW
ESE117	497+04.40	142.92' RT	503517.38	842860.52	913.73	BOC

CURB RAMP DETAILS

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MARK	REVISION	DATE	BY