

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

## EAST-WEST BUS RAPID TRANSIT EARLY WORKS

CITY PROJECT NO. 12777

CONTRACT NO. 8691

FINAL PS&E PLANS  
AUGUST 1, 2022

PUBLIC IMPROVEMENT PROJECT  
APPROVED

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

*Greg Fries*

Aug 30, 2022

City Engineer

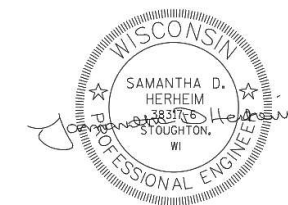
Date

TRAFFIC CONTROL PLAN  
DESIGNED BY: TOM NOTBOHM

MARKING PLAN  
DESIGNED BY: SAMANTHA HERHEIM



Aug 30, 2022



Aug 30, 2022

STREET GRADES AND GEOMETRICS  
DESIGNED BY: BRIAN ANDREAS

STORMWATER  
DESIGNED BY: RYAN RUFF



Aug 30, 2022



Aug 30, 2022

SIGNALS  
DESIGNED BY: KYLE HENDERSON

LIGHTING  
DESIGNED BY: TYLER TKACHUK



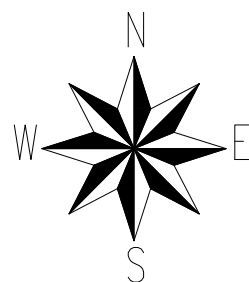
Aug 30, 2022



Aug 30, 2022

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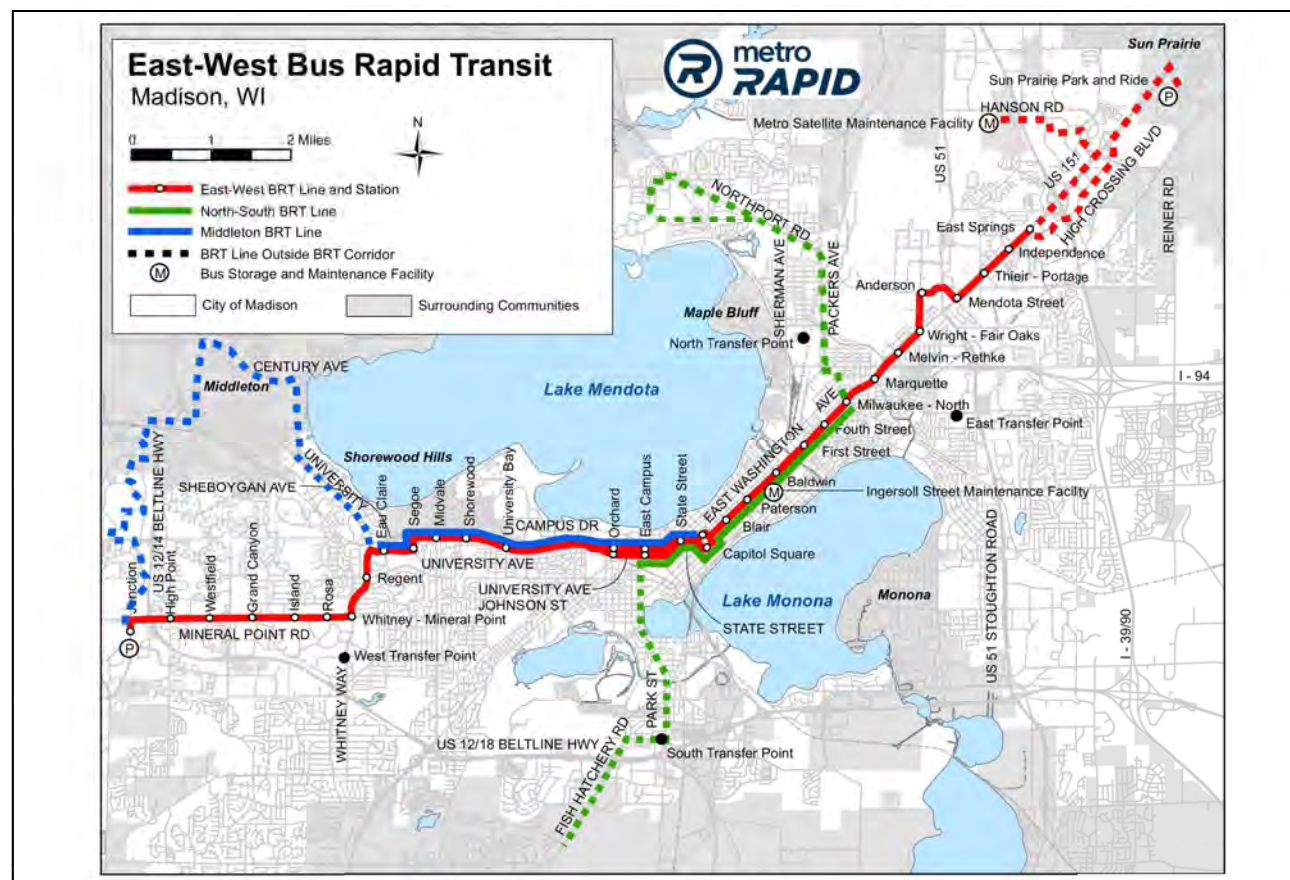
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SHEET NO. CD-1 - CD-14	CURB RAMP DETAILS
SHEET NO. R28-E - R41-E	REMOVAL PLAN
SHEET NO. P28-E - P41-E	SITE PLAN
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SHEET NO. SM1-E - SM10-E	SIGNING AND MARKING
SHEET NO. MQ-1 - MQT-1	MISCELLANEOUS QUANTITIES



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: 8/19/2022 7:58 AM

ORIGINATOR: CITY\_OF\_MADISON

GENERAL NOTES

1. CONTRACTOR/DEVELOPER SHALL NOTIFY TOM MOHR AT (608) 267-8725 OF CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO THE START OF ANY LANE CLOSURES. WORK WITHIN THE RIGHT-OF-WAY SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN IS APPROVED.
2. ANY PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED SHALL BE REPLACED BY THE DEVELOPER/CONTRACTOR AS DIRECTED BY CITY TRAFFIC ENGINEERING.
3. 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.
4. 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.
5. 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.
6. ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.4% TOWARD STORM SEWER INLETS. A 0.3% GRADE IS ACCEPTABLE AT FEW STREET EB.
7. 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 RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 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.
8. OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.
9. 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.
10. POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.
11. ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.
12. 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.
13. PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE. ALL SAWCUTS TO OCCUR ALONG JOINT LINES UNLESS OTHERWISE DIRECTED BY CONSTRUCTION MANAGEMENT CONSULTANT.
14. 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.
15. CONTRACTOR WORK SHALL NOT OCCUR AT THE JUNCTION ROAD WESTERN TERMINAL FROM OCTOBER 15 TO MARCH 15 TO MINIMIZE POTENTIAL IMPACTS TO THE RPBB/YELLOW BUMBLE BEE.
16. PROVIDE EROSION AND RUNOFF PROVISION MEASURES AS SHOWN IN THE PLANS AND AS DIRECTED BY THE CITY ENGINEER, INCLUDING IN AREAS OF LAND DISTURBANCE NEAR THE YAHARA RIVER AND STARKWEATHER CREEK.
17. BID ITEMS MAY BE SHOWN ON MULTIPLE MQ SHEETS - VIEW PROVIDED SCHECULE OF BID ITEMS FOR PROJECT TOTALS.

PROJECT CONTACTS

CITY OF MADISON

ENGINEERING DIVISION  
 CONTACT NAME: Jim Wolfe, PE  
 ADDRESS: 210 Martin Luther King Jr. Blvd. Rm 115  
 CITY, STATE, ZIP: Madison, WI 53703  
 PHONE: 608-266-4099  
 EMAIL: jwolfe@cityofmadison.com

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

ALIGNMENT NAMING

- AN ANDERSON STREET
- JO JOHNSON STREET
- JR JUNCTION ROAD
- ME MENDOTA STREET
- MP MINERAL POINT ROAD
- PNR JUNCTION ROAD PARK AND RIDE
- SH SHEBOYGAN AVENUE
- SE SEGOE ROAD
- ST STATE STREET
- SQN CAPITOL SQUARE NORTH
- SQS CAPITOL SQUARE SOUTH
- TO TOKAY BOULEVARD
- UC UNIVERSITY AVE/CAMPUS DR
- UN UNIVERSITY AVE
- WA EAST WASHINGTON AVENUE
- WR WRIGHT STREET
- WW WHITNEY WAY

BENCHMARK AND CONTROL POINT TABLE				
POINT NAME	Y	X	ELEVATION	DESCRIPTION
BM 33490	490652.208	829120.886	867.47	TOP NUT OF FH
BM 33752	490548.703	829177.489	867.31	TOP NUT OF FH
BM 33898	491122.381	829536.267	863.46	TOP NUT OF FH
BM 47411	512866.359	852420.043	955.47	TOP NUT OF FH
BM 50648	499721.303	837272.159	870.44	TOP NUT OF FH
BM 55001	511600.887	839084.144	888.35	TOP NUT OF FH
BM 55809	511272.743	839321.445	883.32	TOP NUT OF FH
CP 1028	484137.637	822433.618	866.00	CHISELED X
CP 1029	484256.420	822733.645	854.93	CHISELED X
CP 1030	491909.719	830341.588	861.63	CHISELED X
CP 1031	492216.968	830714.961	861.93	CHISELED X
CP 1032	502037.134	841274.723	877.78	CHISELED X
CP 1033	502547.993	841610.981	885.77	CHISELED X
CP 1034	503290.082	842589.963	906.05	CHISELED X
CP 1035	503664.489	842980.852	917.66	CHISELED X
CP 1047	493213.001	831935.002	855.47	CHISELED X
CP 1048	492303.277	830614.232	861.07	CHISELED X
CP 1049	482239.519	821692.031	912.08	CHISELED X
CP 1050	483409.635	820703.048	892.47	CHISELED X
CP 1051	512794.771	852518.262	949.84	MAG NAIL
CP 1052	512921.541	852276.714	956.19	MAG NAIL
CP 1053	511603.213	839371.686	873.92	CHISELED X
CP 1054	511621.037	838808.025	888.60	CHISELED X
CP 1055	511198.520	839314.593	880.28	MAG NAIL
CP 1056	510649.687	839178.127	877.60	MAG NAIL
CP 4981	500723.635	839645.274	872.51	MAG NAIL
CP 9009	493511.780	832185.611	853.83	CHISELED X
CP 10654	487415.764	825851.933	849.61	CHISELED X
CP 20101	490623.977	829255.030	864.24	MAG NAIL
CP 34541	483120.004	820923.335	906.20	MAG NAIL
CP 50076	499704.407	837056.319	868.33	CHISELED X
CP 50077	499679.159	837300.299	867.75	CHISELED X

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

MARK	REVISION	DATE	BY
Designed By: AECOM			Scale: N/A
60631225P			

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



60631225P

G-1

# DIGGERS HOTLINE

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

www.DiggersHotline.com

## UTILITY CONTACTS

COMPANY NAME: Alliant Energy-Electric  
 CONTACT NAME: Chris Gill  
 ADDRESS: 2147 Co Hwy PB, Verona, WI 53593  
 PHONE: 608-290-1772  
 EMAIL: chrisgill@alliantenergy.com

COMPANY NAME: ATC  
 CONTACT NAME: Anthony Marciniak  
 ADDRESS: W234 N2000 Ridgeview Parkway Court, Waukesha, WI 53187-0047  
 PHONE: 262-506-6814  
 EMAIL: amarciniak@atcllc.com

COMPANY NAME: AT&T Corporation  
 CONTACT NAME: Vanessa Ross  
 ADDRESS: 222 W. Jackson, Woodstock, IL 60098  
 PHONE: 630-383-9249  
 EMAIL: vf2021@att.com

COMPANY NAME: AT&T Wisconsin  
 CONTACT NAME: Ryan Denewellis  
 ADDRESS: 152 Dixon St, Madison, WI 53704  
 PHONE: 608-252-2879  
 EMAIL: rd1238@att.com

COMPANY NAME: Charter Communications Co.  
 CONTACT NAME: Neil Huntamer  
 ADDRESS: 2701 Daniels St, Madison, WI 53718  
 PHONE: 608-219-1321  
 EMAIL: neil.huntamer@charter.com

COMPANY NAME: City of Madison Engineering - Electric, Signals, Lighting  
 CONTACT NAME: Cory Stoughtenger  
 ADDRESS: 215 Martin Luther King Jr Blvd, PO Box 2986, Madison, WI 53701  
 PHONE: 608-266-6526  
 EMAIL: Cstoughtenger@cityofmadison.com

COMPANY NAME: City of Madison Engineering - Communications  
 CONTACT NAME: Eric Halvorson  
 ADDRESS: 215 Martin Luther King Jr Blvd, PO Box 2986, Madison, WI 53701  
 PHONE: 608-266-6527  
 EMAIL: ehalvorson@cityofmadison.com

COMPANY NAME: City of Madison Engineering - Sewer  
 CONTACT NAME: Greg Fries  
 ADDRESS: 210 Martin Luther King Jr Blvd, Rm 115, Madison, WI 53703  
 PHONE: 608-266-4751  
 EMAIL: gfries@cityofmadison.com

COMPANY NAME: City of Madison Engineering -Water Utility  
 CONTACT NAME: Peter Braselton  
 ADDRESS: 110 S Patterson St, Madison, WI 53705  
 PHONE: 608-261-9834  
 EMAIL: pbraselton@madisonwater.org

COMPANY NAME: Everstream  
 CONTACT NAME: Shad Garcia  
 ADDRESS: 324 E Wisconsin Ave, Milwaukee, WI 53202  
 PHONE: 844-733-4700  
 EMAIL: sgarcia@everstream.net

COMPANY NAME: Extenet Systems (# INF1640864)  
 CONTACT NAME: Dale Dishman  
 ADDRESS: 3030 Warrenville Rd, Lisle, IL 60532  
 PHONE: 316-640-8801  
 EMAIL: ddishman@extenetsystems.com

COMPANY NAME: Frontier Communications  
 CONTACT NAME: Russ Ryan  
 ADDRESS: 118 Division St, Plymouth, WI 53073  
 PHONE: 920-737-9662  
 EMAIL: russell.w.ryan@ftr.com

COMPANY NAME: Lumen  
 CONTACT NAME: Jason Busse  
 ADDRESS: 224 Industrial Dr, North Prairie, WI 53153  
 PHONE: 262-392-5200  
 EMAIL: jason.busse@centurylink.com

COMPANY NAME: Madison Gas & Electric  
 CONTACT NAME: Nick Schroeder  
 ADDRESS: Madison WI 53701-1231  
 PHONE: 608-252-5651  
 EMAIL: nschroeder@mge.com

COMPANY NAME: Madison METRO Sewerage Dist MMS01, MMS02, MMS03  
 CONTACT NAME: Eric Hjellen  
 ADDRESS: 1610 Moorland Rd, Madison, WI 53713  
 PHONE: 608-222-1201  
 EMAIL: erich@madsewer.org

COMPANY NAME: MCI Communications  
 CONTACT NAME: RJ Cicatello  
 ADDRESS: 15725 West Ryerson Rd, New Berlin, WI 53151  
 PHONE: 262-782-9836  
 EMAIL: randy.cicatello@verizon.com

COMPANY NAME: Midwest Fiber Networks, LLC  
 CONTACT NAME: Nate Wright  
 ADDRESS: 6070 N Flint Rd, Glendale, WI 53209  
 PHONE: 414-459-3546  
 EMAIL: nwright@midwestfibernetworks.com

COMPANY NAME: MOX Networks  
 CONTACT NAME: Brent Beaver  
 ADDRESS: 9920 Jefferson Blvd, Culver City, CA 90232  
 PHONE: 647-924-4288  
 EMAIL: brent.beaver@moxnetworks.com

COMPANY NAME: MUFN (c/o City of Madison Communications)  
 CONTACT NAME: Taletha Skar  
 ADDRESS: 210 Martin Luther King Jr Blvd, Rm 525, Madison, WI 53703  
 PHONE: 608-261-9648  
 EMAIL: tskar@cityofmadison.com

COMPANY NAME: ResTech Services  
 CONTACT NAME: Bryan Schenker  
 ADDRESS: 2901 Latham Dr, Madison, WI 53713  
 PHONE: 608-237-1113  
 EMAIL: bschenker@restechservices.net

COMPANY NAME: Rogers Telecom  
 CONTACT NAME: Keith Jackson  
 ADDRESS: 4804 N 40th Street, Sheboygan, WI 53083  
 PHONE: 920-395-7121  
 EMAIL: kjackson@gabes.com

COMPANY NAME: Sprint  
 CONTACT NAME: Dan Hilliard  
 ADDRESS: 849 Earl Street, St Paul, MN 55106  
 PHONE: 320-281-0187  
 EMAIL: dan.j.hilliard@t-mobile.com

COMPANY NAME: SupraNet Communications  
 CONTACT NAME: Brad Stone  
 ADDRESS: 8000 Excelsior Dr, Madison, WI 53717  
 PHONE: 608-572-7635  
 EMAIL: brads@supranet.net

COMPANY NAME: TDS Metrocom  
 CONTACT NAME: Jerry Myers  
 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  
 ADDRESS: 201 Ionia Ave SW, Grand Rapids, MI 49503  
 PHONE: 616-233-7144  
 EMAIL: rjmiedema@ussignal.com

COMPANY NAME: Village Of Shorewood Hills VSH01  
 CONTACT NAME: Mike Meier  
 ADDRESS: 810 Shorewood Blvd, Madison, WI 53705  
 PHONE: 608-267-2680  
 EMAIL: mmeier@shorewood-hills.org

COMPANY NAME: WI Dept Of Admin- Div Of Enterprise Technology WET01  
 CONTACT NAME: Robin Zentner  
 ADDRESS: Madison WI 53707-7866  
 PHONE: 608-264-9383  
 EMAIL: robin.zentner@wisconsin.gov

COMPANY NAME: Windstream  
 CONTACT NAME: Lori Ketter  
 ADDRESS: 314 N Danz Ave, Green Bay, WI 54302-3526  
 PHONE: 414-274-9215  
 EMAIL: lori.ketter@windstream.com

COMPANY NAME: WISCONSIN DOT - ITS  
 CONTACT NAME: Jeffrey Madsen  
 ADDRESS: 433 W St Paul Ave, Milwaukee, WI 53203-3007  
 PHONE: 414-225-3723  
 EMAIL: jeffrey.madsen@dot.wi.gov

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	2022-06-19	
Designed By: AECOM			Scale: N/A

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



60631225P

G-2



MARK	REVISION	DATE	BY

60631225P

PROJECT OVERVIEW

BUS RAPID TRANSIT

CITY OF MADISON

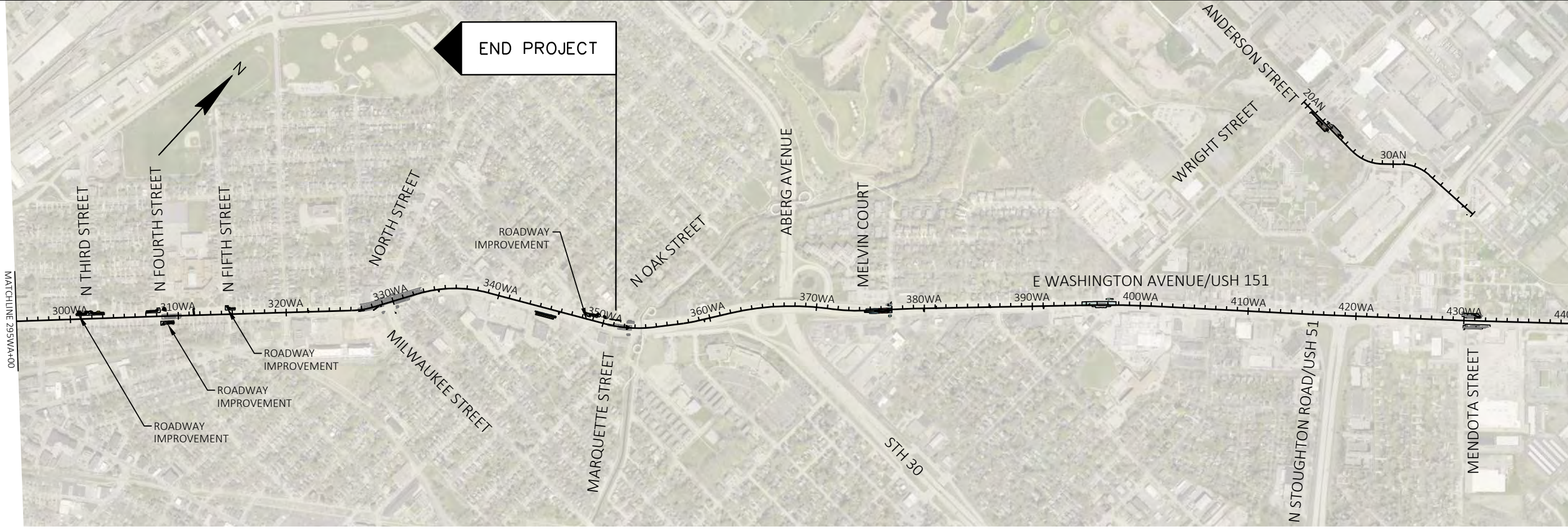
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CONTRACT NO: 60631225C

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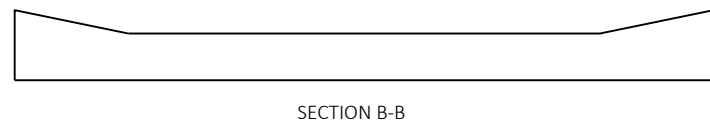
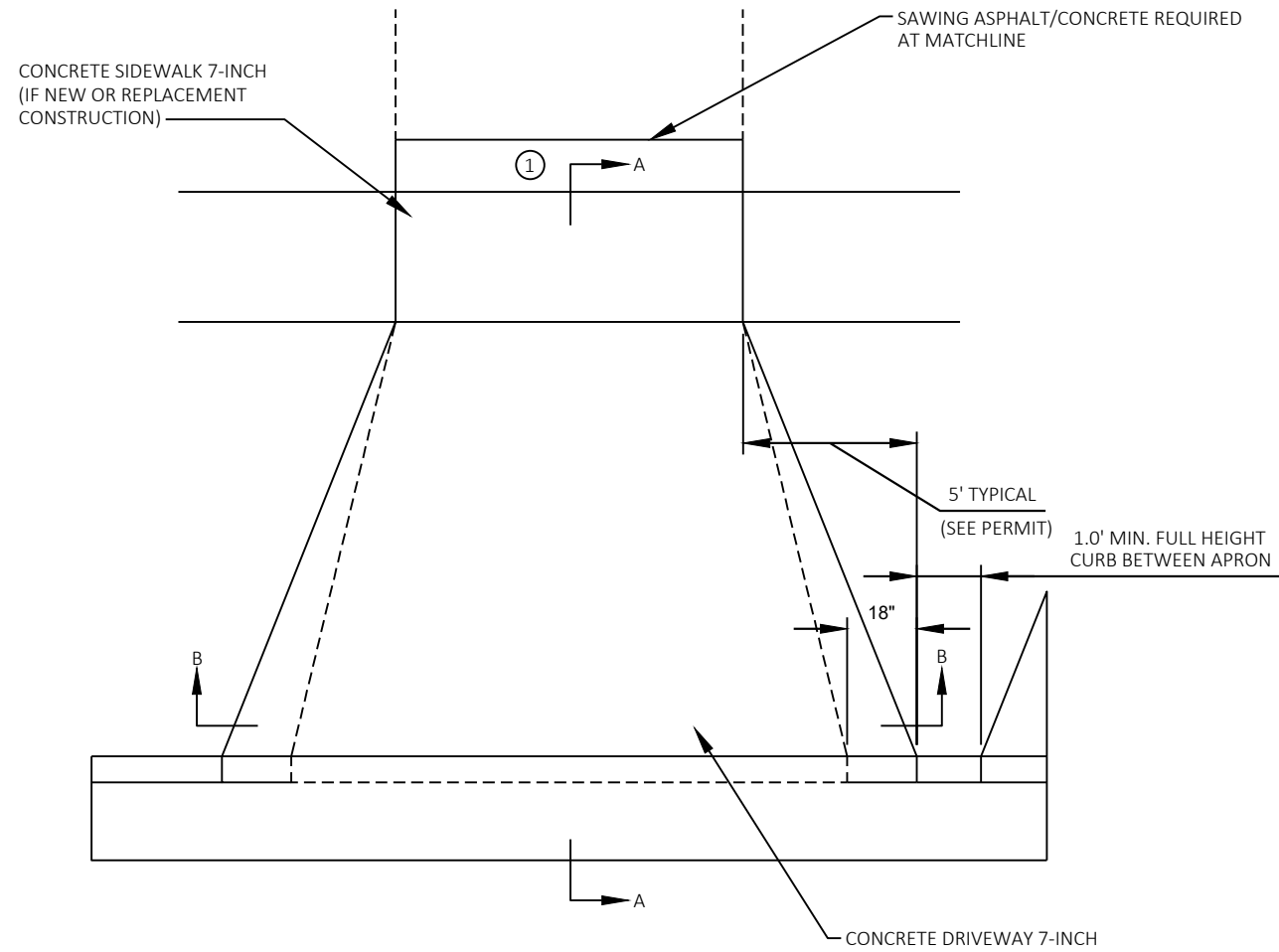
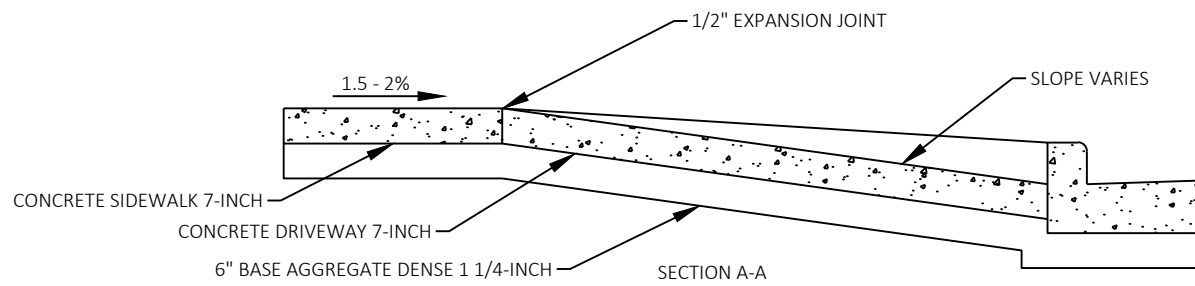
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60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
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**PROJECT OVERVIEW**  
 BUS RAPID TRANSIT  
 CITY OF MADISON

60631225P  
 0-2

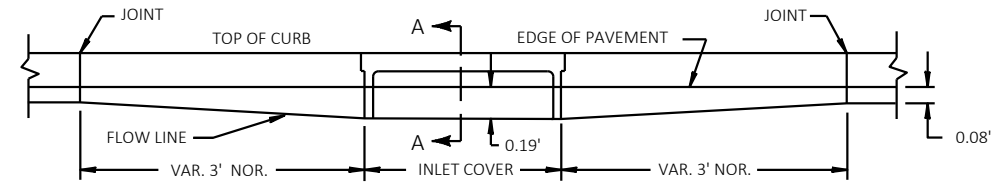
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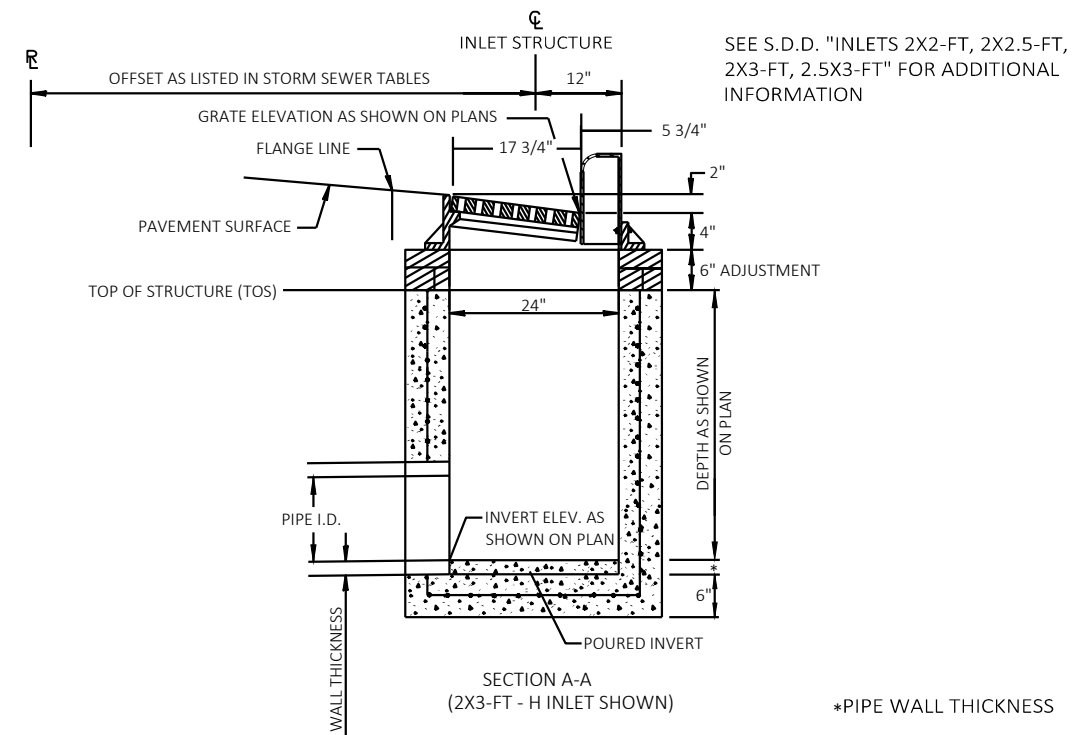
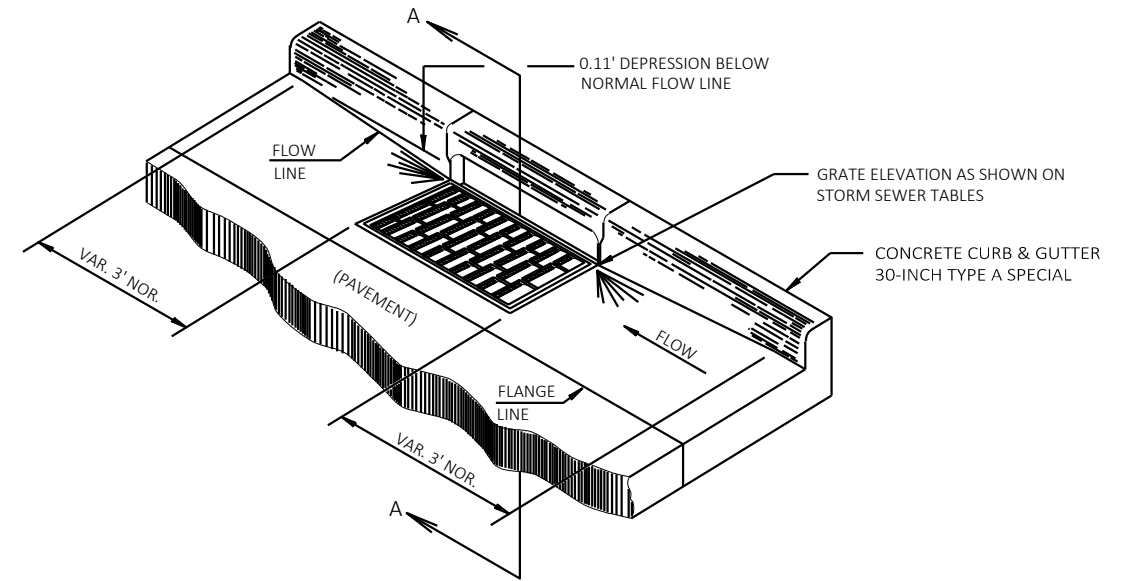
CONCRETE DRIVE APRON DETAIL

① FOR ASPHALT DRIVEWAYS PLACE 3.5 INCHES ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OVER 8 INCHES BASE AGGREGATE DENSE 1 1/4-INCH UNLESS NOTED OTHERWISE.

FOR CONCRETE DRIVEWAYS PLACE CONCRETE DRIVEWAY 7-INCH OVER 6-INCHES BASE AGGREGATE DENSE 1 1/4-INCH.



ELEVATION



SECTION A-A (2X3-FT - H INLET SHOWN)

DETAIL OF CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL AT INLETS

MARK	REVISION	DATE	BY
60631225P	Designed By: STRAND	2022-07-29	Scale: 1" = .001'

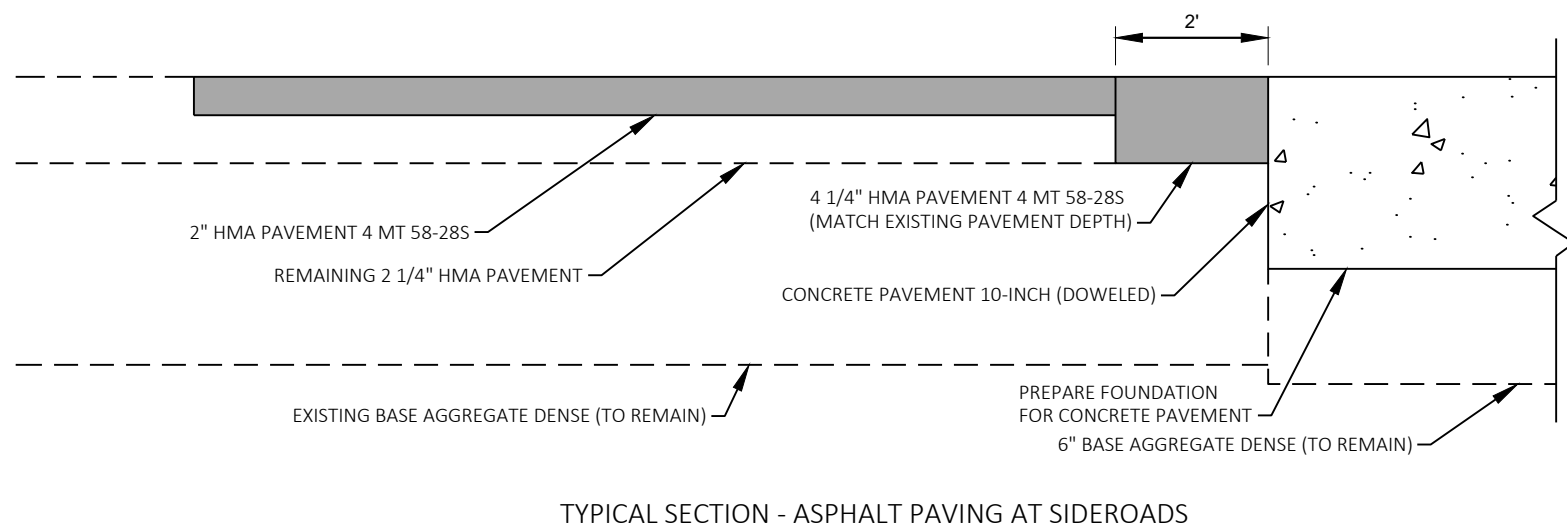
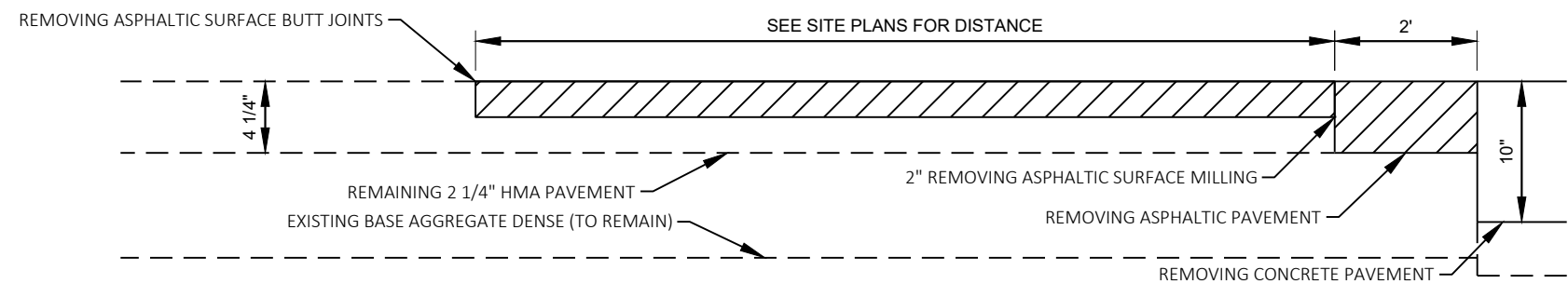
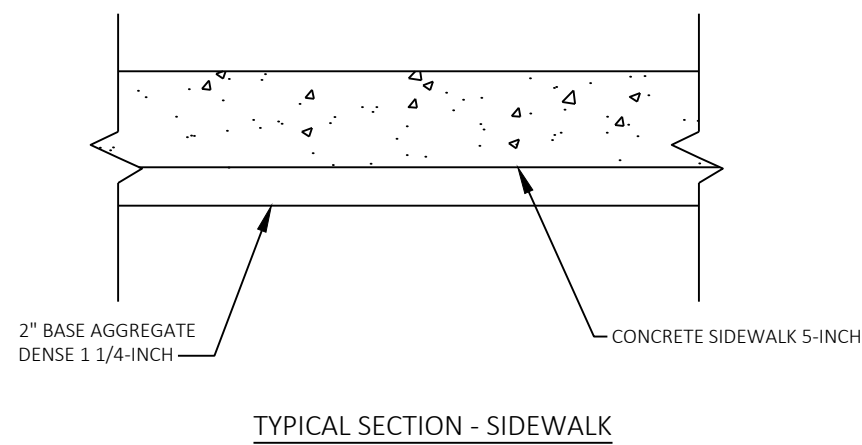
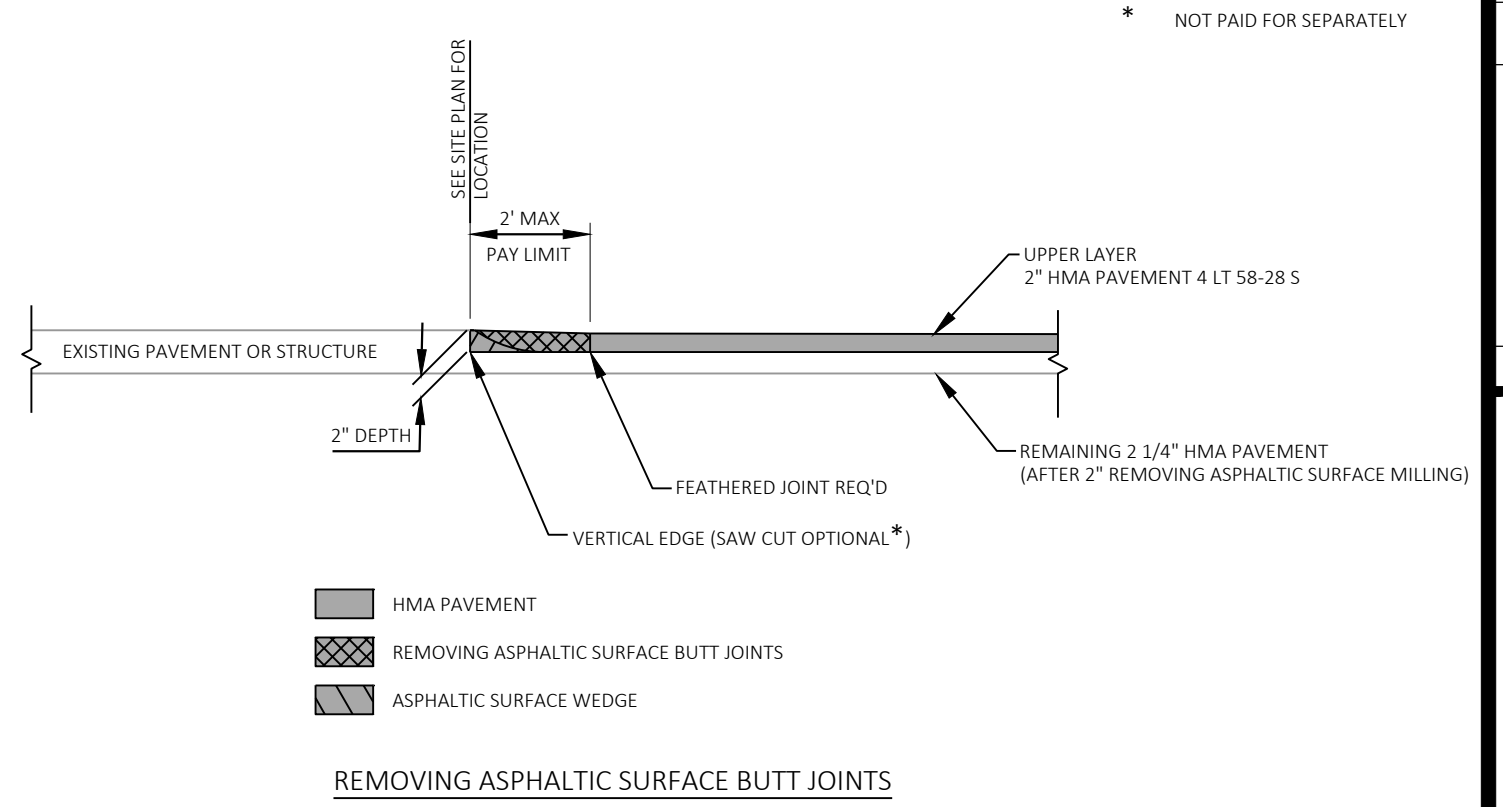
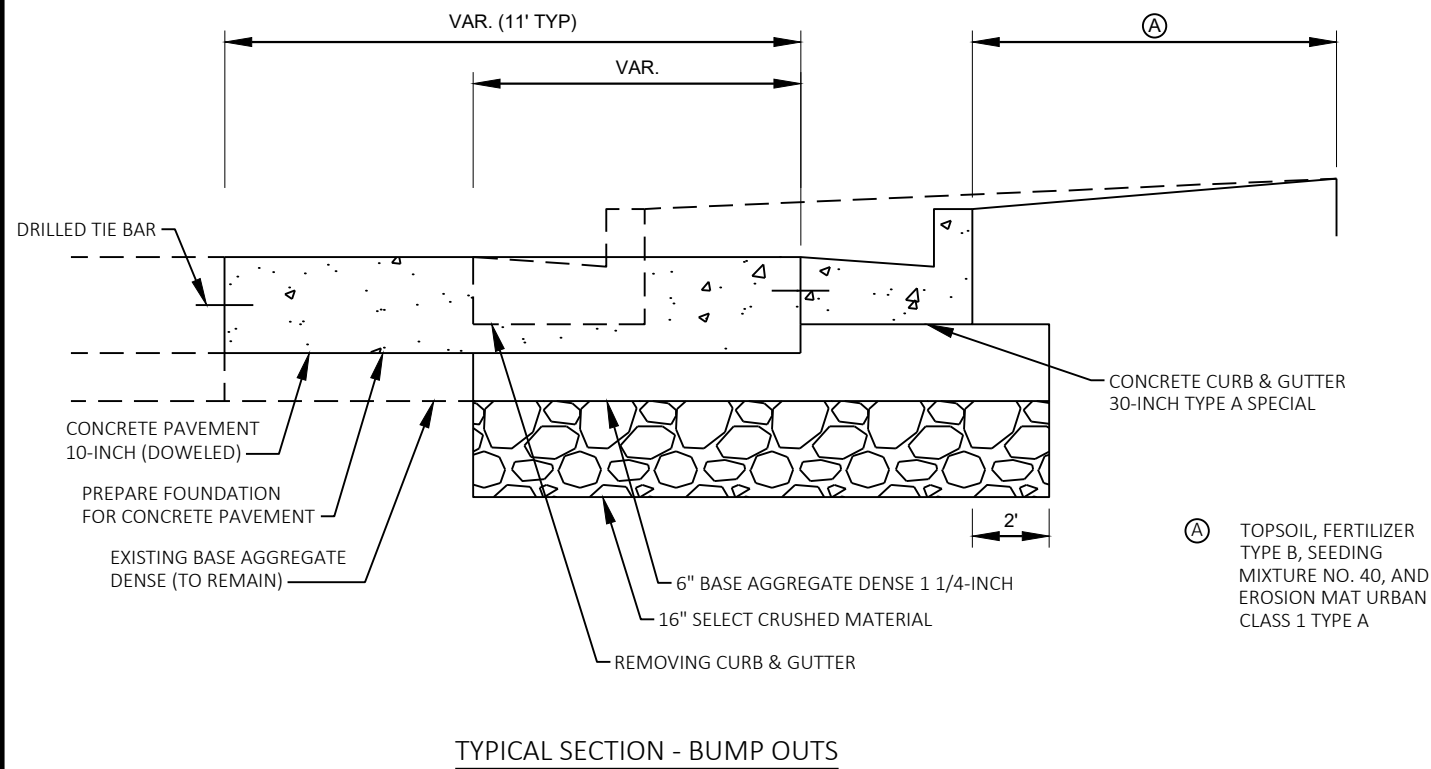
60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

CONSTRUCTION DETAILS  
BUS RAPID TRANSIT  
CITY OF MADISON



60631225P

CD-1



REVISION	DATE	BY

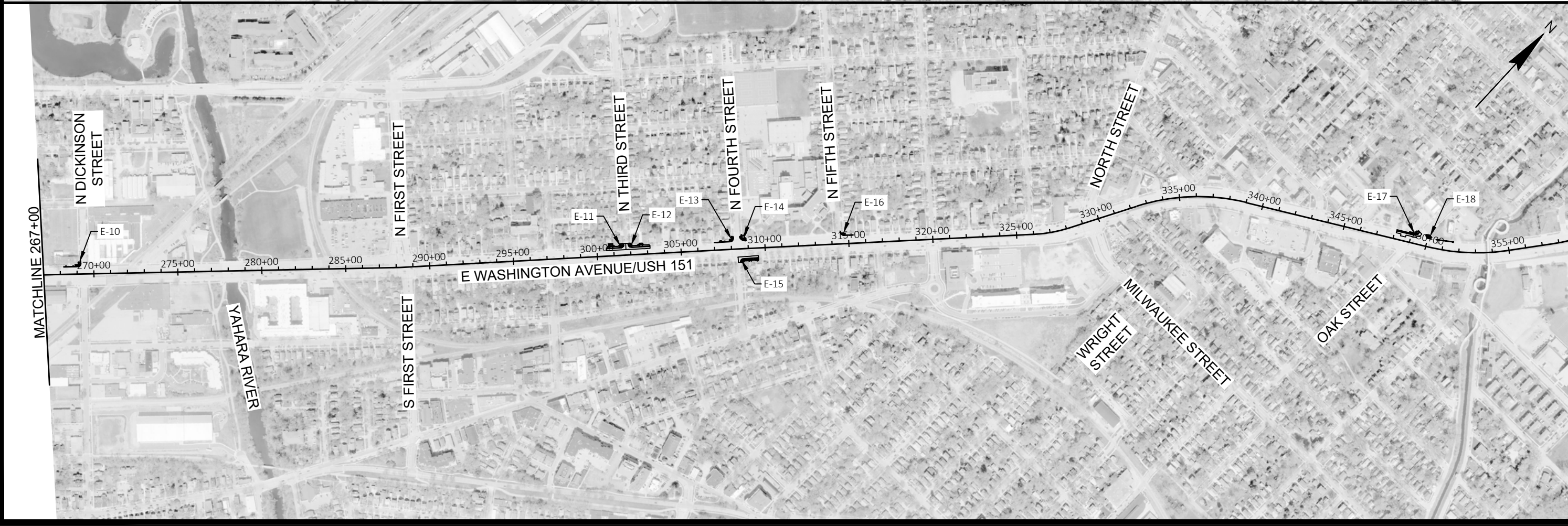
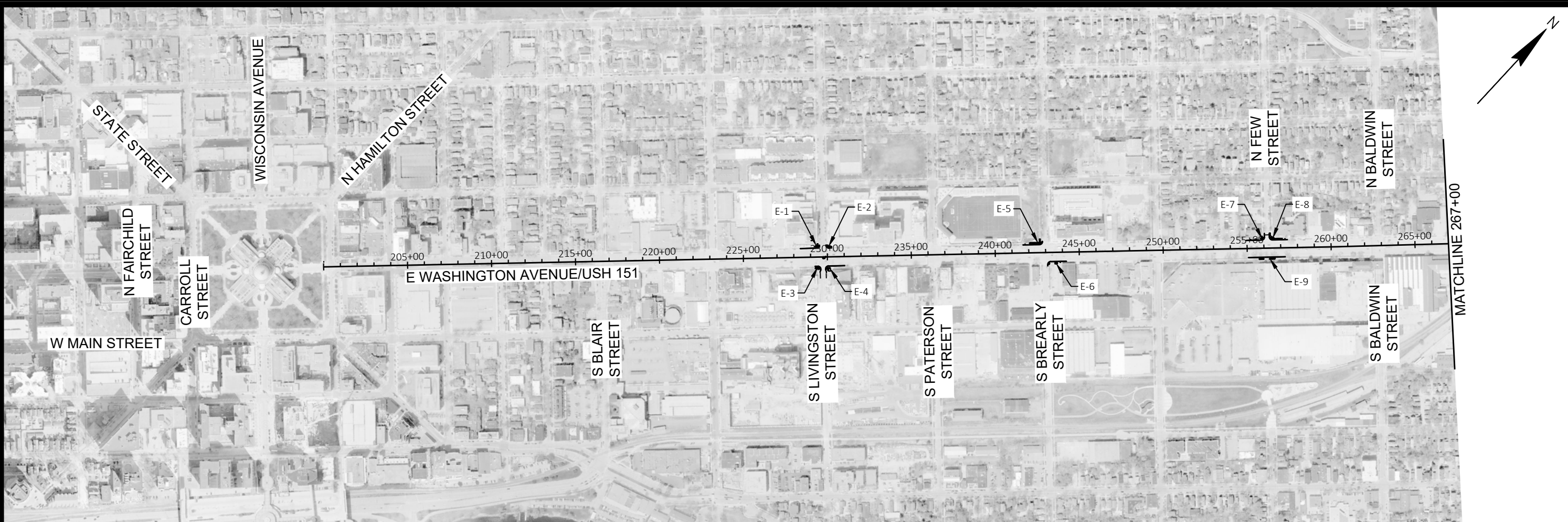
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60631225P  
CITY OF MADISON, DANE COUNTY, WI  
CONTRACT NO: 60631225C

CONSTRUCTION DETAILS  
BUS RAPID TRANSIT  
CITY OF MADISON



60631225P  
CD-2



MARK	REVISION	DATE	BY
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Scale: 1"=20 FT			

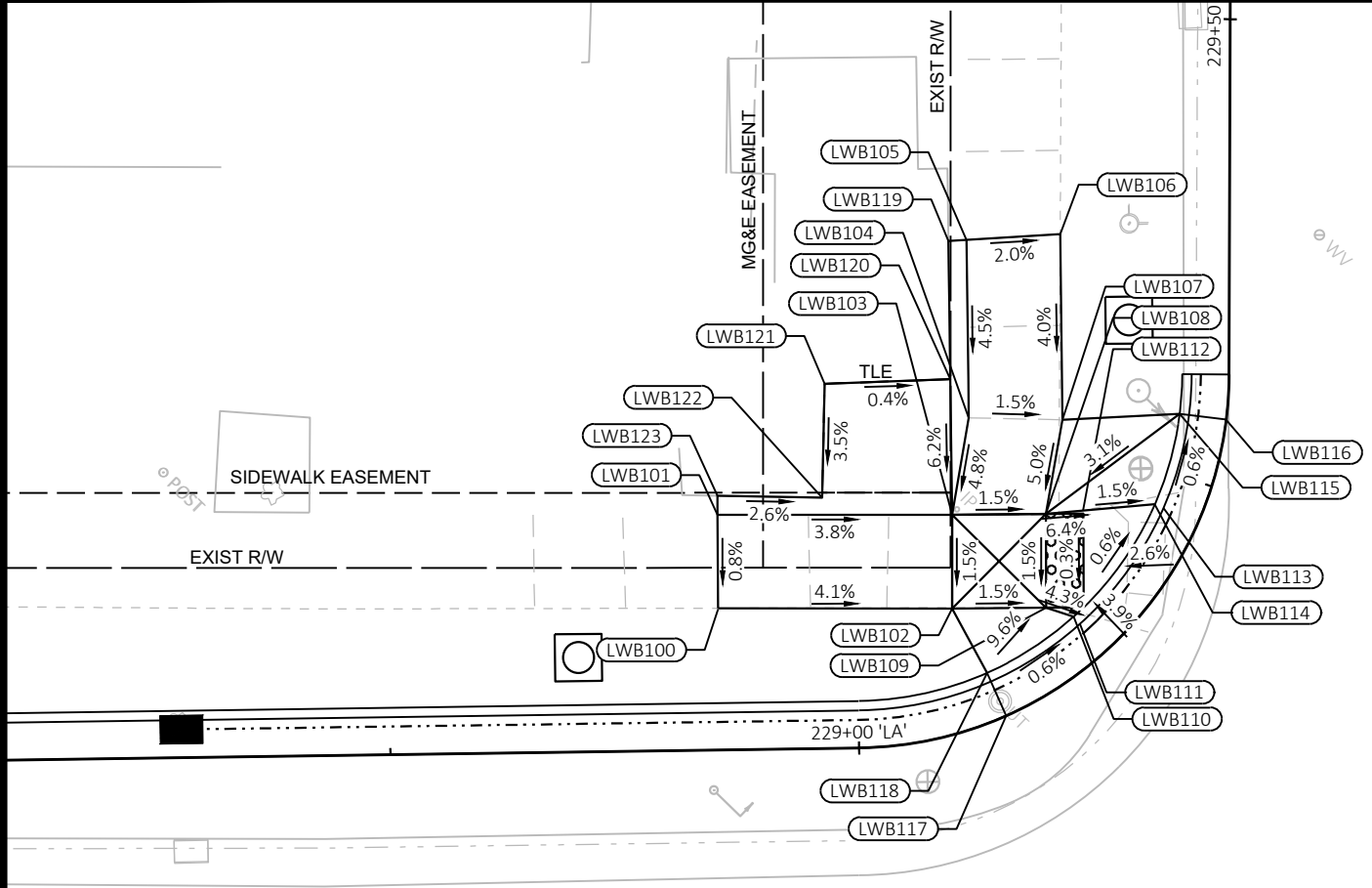
60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

CURB RAMP OVERVIEW  
 BUS RAPID TRANSIT  
 CITY OF MADISON



60631225P  
 CD-3

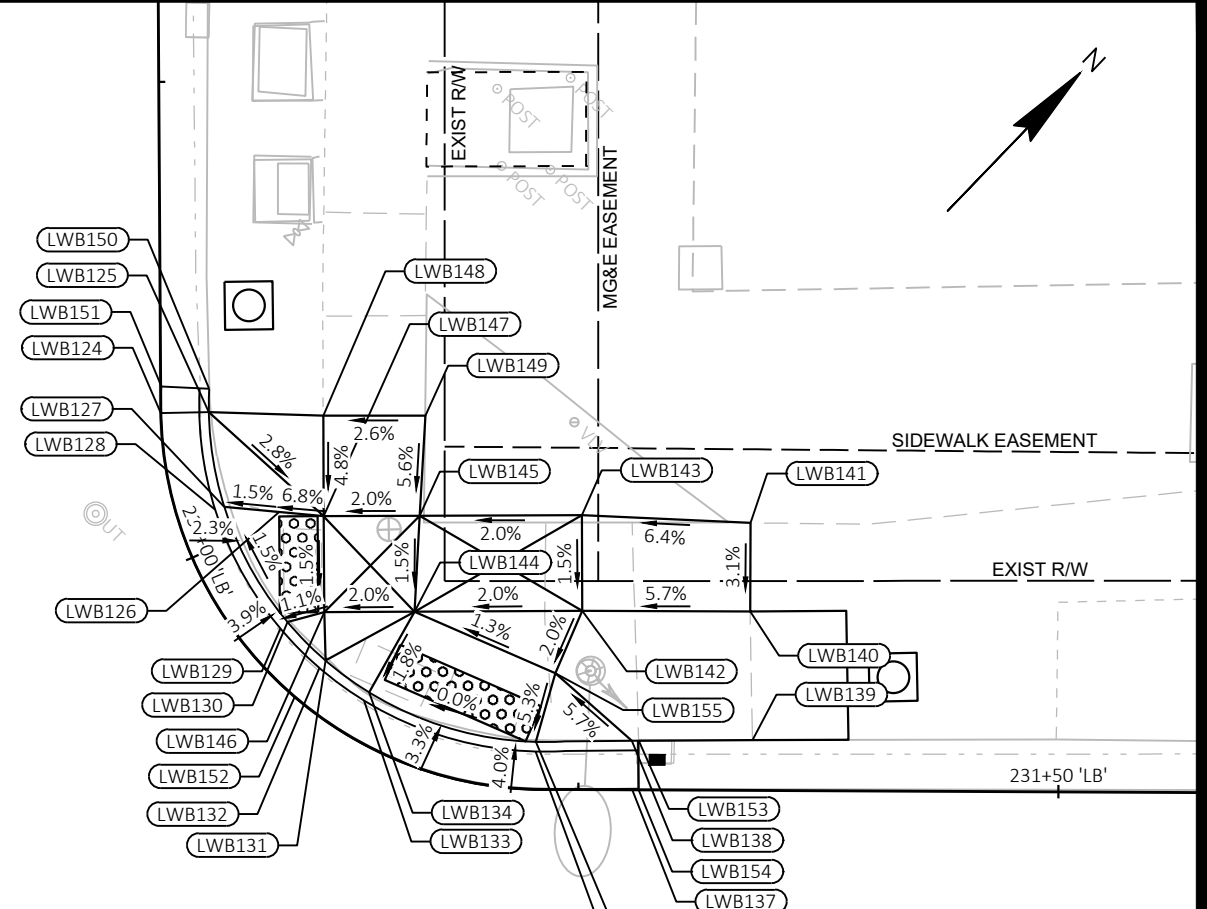




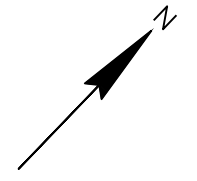
E-1

E. WASHINGTON AVE.

N. LIVINGSTON ST.



E-2



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LWB100	228+92.58 'LA'	7.51' LT	485161.12	823498.32	849.10	MATCH
LWB101	228+92.62 'LA'	12.54' LT	485164.74	823494.81	849.14	MATCH
LWB102	229+07.64 'LA'	6.39' LT	485169.81	823507.30	848.62	FOW
LWB103	229+11.84 'LA'	10.81' LT	485173.40	823503.83	848.69	BOW
LWB104	229+23.69 'LA'	13.42' LT	485177.74	823500.89	848.90	BOW
LWB105	229+38.18 'LA'	14.01' LT	485184.51	823494.24	849.34	MATCH
LWB106	229+38.50 'LA'	9.02' LT	485188.18	823497.63	849.23	MATCH
LWB107	229+26.72 'LA'	8.61' LT	485181.13	823504.56	848.82	FOW
LWB108	229+18.48 'LA'	7.31' LT	485176.91	823507.40	848.62	FOW
LWB109	229+13.45 'LA'	3.83' LT	485173.31	823510.87	848.54	FOW
LWB110	229+14.39 'LA'	2.50' LT	485173.96	823512.27	848.44	BOC
LWB111	229+14.39 'LA'	2.00' LT	485173.93	823512.77	848.43	FL
LWB112	229+20.33 'LA'	5.75' LT	485178.41	823508.71	848.46	FOW
LWB113	229+22.91 'LA'	2.00' LT	485181.47	823511.70	848.39	FL
LWB114	229+22.91 'LA'	2.50' LT	485181.30	823511.23	848.40	BOC
LWB115	229+28.65 'LA'	2.49' LT	485185.69	823508.85	848.86	BOC
LWB116	229+28.65 'LA'	0.00'	485187.18	823510.85	848.44	EOP
LWB117	229+08.08 'LA'	0.00'	485167.67	823513.34	848.54	EOP
LWB118	229+08.08 'LA'	2.50' LT	485168.61	823511.02	848.96	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LWB119	229+38.12 'LA'	14.99' LT	485183.79	823493.58	849.37	MATCH
LWB120	229+29.85 'LA'	14.85' LT	485178.55	823498.76	849.10	MATCH
LWB121	228+98.43 'LA'	19.45' LT	485173.73	823494.09	849.13	MATCH
LWB122	228+98.21 'LA'	13.38' LT	485169.26	823498.20	848.92	MATCH
LWB123	228+92.63 'LA'	13.56' LT	485165.47	823494.10	849.06	MATCH
LWB124	230+92.24 'LB'	0.00' RT	485213.11	823536.59	848.33	EOP
LWB125	230+92.25 'LB'	2.50' LT	485214.87	823538.36	848.75	BOC
LWB126	230+99.48 'LB'	5.09' LT	485213.67	823544.61	848.37	FOW
LWB127	230+97.97 'LB'	2.49' LT	485211.88	823542.36	848.33	BOC
LWB128	230+97.98 'LB'	1.99' LT	485211.44	823542.12	848.32	FL
LWB129	231+05.86 'LB'	1.98' LT	485209.33	823548.85	848.41	FL
LWB130	231+05.85 'LB'	2.48' LT	485209.83	823548.90	848.43	BOC
LWB131	231+09.07 'LB'	2.47' LT	485209.76	823551.71	848.71	BOC
LWB132	231+09.07 'LB'	1.97' LT	485209.26	823551.74	848.45	FL
LWB133	231+12.27 'LB'	1.97' LT	485209.65	823554.60	848.45	FL
LWB134	231+12.27 'LB'	2.47' LT	485210.13	823554.49	848.46	BOC
LWB135	231+22.72 'LB'	1.97' LT	485213.92	823562.88	848.44	FL
LWB136	231+22.72 'LB'	2.47' LT	485214.29	823562.54	848.46	BOC
LWB137	231+27.79 'LB'	0.05' LT	485215.99	823567.84	848.55	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LWB138	231+27.78 'LB'	2.54' LT	485217.79	823566.11	848.95	BOC
LWB139	231+34.05 'LB'	2.61' LT	485222.17	823570.61	849.05	MATCH
LWB140	231+33.90 'LB'	9.32' LT	485226.92	823565.88	849.22	MATCH
LWB141	231+33.90 'LB'	13.93' LT	485230.27	823562.70	849.36	MATCH
LWB142	231+25.16 'LB'	9.29' LT	485220.88	823559.57	848.72	FOW
LWB143	231+25.12 'LB'	14.29' LT	485224.47	823556.09	848.80	BOW
LWB144	231+12.00 'LB'	7.28' LT	485214.80	823553.29	848.55	FOW
LWB145	231+06.30 'LB'	11.30' LT	485218.59	823550.02	848.63	BOW
LWB146	231+06.92 'LB'	4.25' LT	485211.53	823549.92	848.45	FOW
LWB147	231+01.13 'LB'	7.11' LT	485215.11	823546.43	848.53	FOW
LWB148	230+92.77 'LB'	8.44' LT	485218.87	823542.78	848.78	MATCH
LWB149	230+93.59 'LB'	13.75' LT	485222.55	823546.62	848.92	MATCH
LWB150	230+91.00 'LB'	2.53' LT	485215.76	823537.54	848.74	MATCH
LWB151	230+90.86 'LB'	0.03' LT	485214.12	823535.65	848.32	MATCH
LWB152	231+09.07 'LB'	0.03' RT	485207.26	823551.86	848.53	MATCH
LWB153	231+28.13 'LB'	2.58' LT	485218.06	823566.34	848.98	MATCH
LWB154	231+28.11 'LB'	0.08' LT	485216.24	823568.05	848.55	MATCH
LWB155	231+23.77 'LB'	6.05' LT	485217.57	823560.79	848.65	FOW

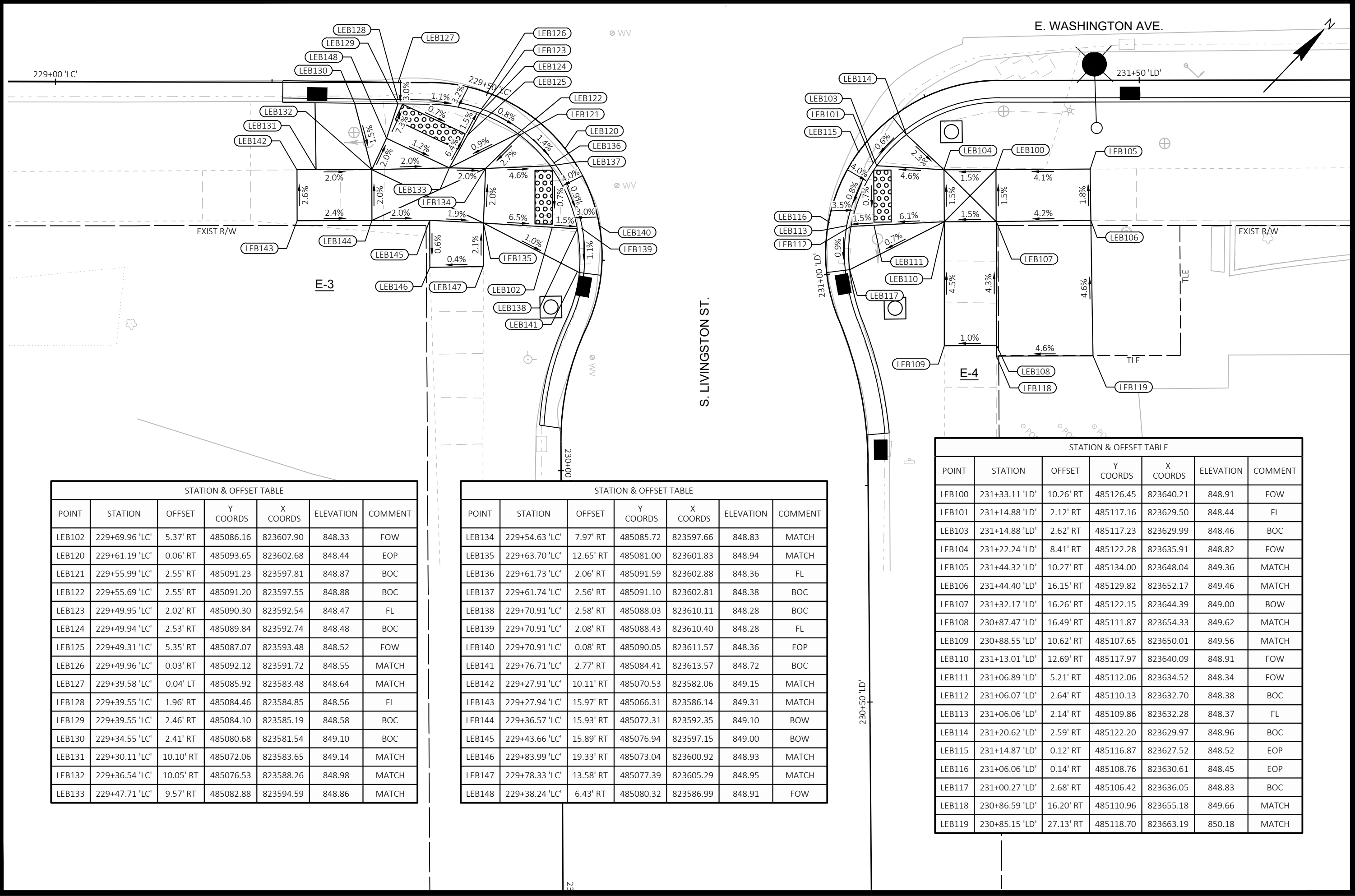
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 Designed By: stwmc Date: 2022-08-25 Scale: 1"=20 FT  
 60631225P

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

**CURB RAMP DETAILS**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

**60631225P**  
**CD-4**

FILE NAME: C:\P\WORKING\AECOM\_DS20\_NA\_2019\CAR28015\010721\5\021321-CR.DWG  
 LAYOUT NAME - 021321\_LT  
 LAST PLOT DATE - 2022-08-25



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LEB102	229+69.96 'LC'	5.37' RT	485086.16	823607.90	848.33	FOW
LEB120	229+61.19 'LC'	0.06' RT	485093.65	823602.68	848.44	EOP
LEB121	229+55.99 'LC'	2.55' RT	485091.23	823597.81	848.87	BOC
LEB122	229+55.69 'LC'	2.55' RT	485091.20	823597.55	848.88	BOC
LEB123	229+49.95 'LC'	2.02' RT	485090.30	823592.54	848.47	FL
LEB124	229+49.94 'LC'	2.53' RT	485089.84	823592.74	848.48	BOC
LEB125	229+49.31 'LC'	5.35' RT	485087.07	823593.48	848.52	FOW
LEB126	229+49.96 'LC'	0.03' RT	485092.12	823591.72	848.55	MATCH
LEB127	229+39.58 'LC'	0.04' LT	485085.92	823583.48	848.64	MATCH
LEB128	229+39.55 'LC'	1.96' RT	485084.46	823584.85	848.56	FL
LEB129	229+39.55 'LC'	2.46' RT	485084.10	823585.19	848.58	BOC
LEB130	229+34.55 'LC'	2.41' RT	485080.68	823581.54	849.10	BOC
LEB131	229+30.11 'LC'	10.10' RT	485072.06	823583.65	849.14	MATCH
LEB132	229+36.54 'LC'	10.05' RT	485076.53	823588.26	848.98	MATCH
LEB133	229+47.71 'LC'	9.57' RT	485082.88	823594.59	848.86	MATCH

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LEB134	229+54.63 'LC'	7.97' RT	485085.72	823597.66	848.83	MATCH
LEB135	229+63.70 'LC'	12.65' RT	485081.00	823601.83	848.94	MATCH
LEB136	229+61.73 'LC'	2.06' RT	485091.59	823602.88	848.36	FL
LEB137	229+61.74 'LC'	2.56' RT	485091.10	823602.81	848.38	BOC
LEB138	229+70.91 'LC'	2.58' RT	485088.03	823610.11	848.28	BOC
LEB139	229+70.91 'LC'	2.08' RT	485088.43	823610.40	848.28	FL
LEB140	229+70.91 'LC'	0.08' RT	485090.05	823611.57	848.36	EOP
LEB141	229+76.71 'LC'	2.77' RT	485084.41	823613.57	848.72	BOC
LEB142	229+27.91 'LC'	10.11' RT	485070.53	823582.06	849.15	MATCH
LEB143	229+27.94 'LC'	15.97' RT	485066.31	823586.14	849.31	MATCH
LEB144	229+36.57 'LC'	15.93' RT	485072.31	823592.35	849.10	BOW
LEB145	229+43.66 'LC'	15.89' RT	485076.94	823597.15	849.00	BOW
LEB146	229+83.99 'LC'	19.33' RT	485073.04	823600.92	848.93	MATCH
LEB147	229+78.33 'LC'	13.58' RT	485077.39	823605.29	848.95	MATCH
LEB148	229+38.24 'LC'	6.43' RT	485080.32	823586.99	848.91	FOW

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LEB100	231+33.11 'LD'	10.26' RT	485126.45	823640.21	848.91	FOW
LEB101	231+14.88 'LD'	2.12' RT	485117.16	823629.50	848.44	FL
LEB103	231+14.88 'LD'	2.62' RT	485117.23	823629.99	848.46	BOC
LEB104	231+22.24 'LD'	8.41' RT	485122.28	823635.91	848.82	FOW
LEB105	231+44.32 'LD'	10.27' RT	485134.00	823648.04	849.36	MATCH
LEB106	231+44.40 'LD'	16.15' RT	485129.82	823652.17	849.46	MATCH
LEB107	231+32.17 'LD'	16.26' RT	485122.15	823644.39	849.00	BOW
LEB108	230+87.47 'LD'	16.49' RT	485111.87	823654.33	849.62	MATCH
LEB109	230+88.55 'LD'	10.62' RT	485107.65	823650.01	849.56	MATCH
LEB110	231+13.01 'LD'	12.69' RT	485117.97	823640.09	848.91	FOW
LEB111	231+06.89 'LD'	5.21' RT	485112.06	823634.52	848.34	FOW
LEB112	231+06.07 'LD'	2.64' RT	485110.13	823632.70	848.38	BOC
LEB113	231+06.06 'LD'	2.14' RT	485109.86	823632.28	848.37	FL
LEB114	231+20.62 'LD'	2.59' RT	485122.20	823629.97	848.96	BOC
LEB115	231+14.87 'LD'	0.12' RT	485116.87	823627.52	848.52	EOP
LEB116	231+06.06 'LD'	0.14' RT	485108.76	823630.61	848.45	EOP
LEB117	231+00.27 'LD'	2.68' RT	485106.42	823636.05	848.83	BOC
LEB118	230+86.59 'LD'	16.20' RT	485110.96	823655.18	849.66	MATCH
LEB119	230+85.15 'LD'	27.13' RT	485118.70	823663.19	850.18	MATCH

E. WASHINGTON AVE.  
 231+50 'LD'  
 S. LIVINGSTON ST.  
 230+00  
 230+50 'LD'

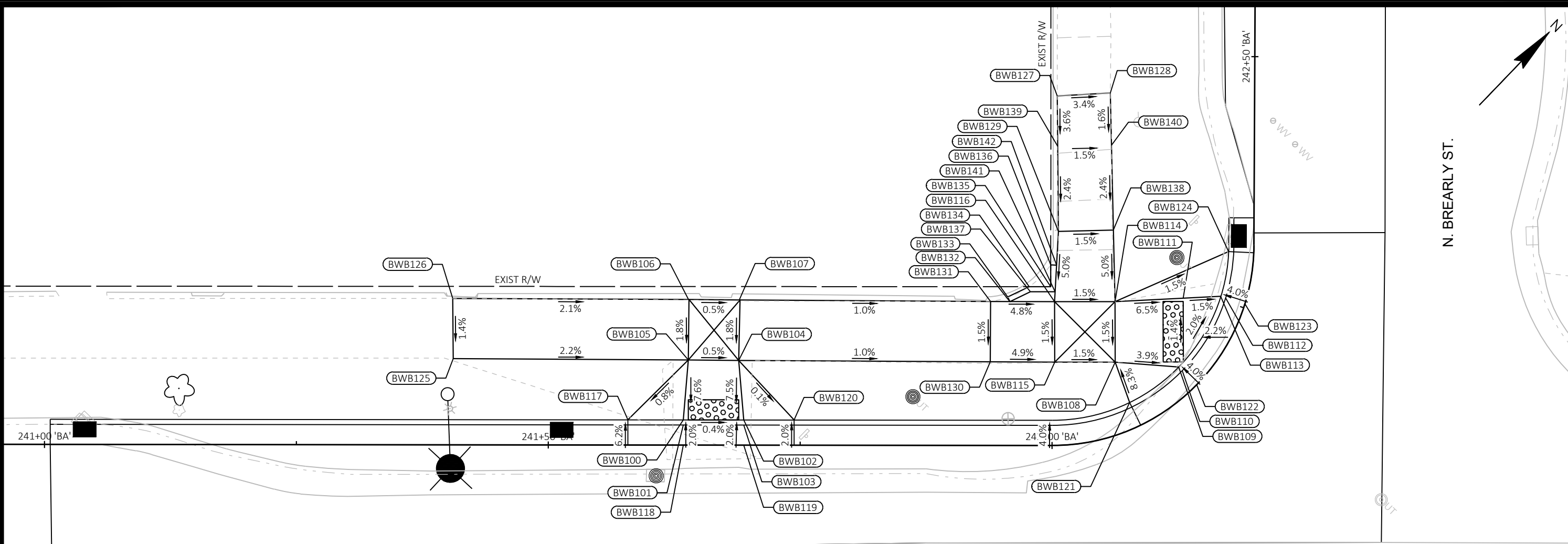
60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

**CURB RAMP DETAILS**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

60631225P  
 CD-5

REVISION  
 MARK  
 Designed By: stw/mc  
 Date: 2022-08-01  
 Scale: 1"=20 FT  
 60631225P

FILE NAME : C:\P\WORKING\AECOM\_DS20\_NA\_2019\CAR28015\01072115\021322-CR.DWG  
 LAYOUT NAME - 021322\_C



E-5

E. WASHINGTON AVE.

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BWB100	241+63.39 'BA'	2.50' LT	486053.29	824442.90	849.19	BOC
BWB101	241+63.39 'BA'	2.00' LT	486052.92	824443.24	849.15	FL H.P.
BWB102	241+69.39 'BA'	2.50' LT	486057.44	824447.23	849.17	BOC
BWB103	241+69.39 'BA'	2.00' LT	486057.08	824447.57	849.13	FL
BWB104	241+68.89 'BA'	8.40' LT	486061.35	824442.78	849.61	FOW
BWB105	241+63.89 'BA'	8.44' LT	486057.92	824439.14	849.64	FOW
BWB106	241+63.92 'BA'	14.41' LT	486062.25	824435.03	849.74	BOW
BWB107	241+68.92 'BA'	14.39' LT	486065.69	824438.66	849.72	BOW
BWB108	242+09.79 'BA'	6.71' LT	486087.11	824469.84	848.96	FOW
BWB109	242+15.99 'BA'	2.50' LT	486091.13	824474.71	848.72	BOC
BWB110	242+15.99 'BA'	2.00' LT	486091.13	824475.21	848.70	FL
BWB111	242+23.57 'BA'	5.94' LT	486096.36	824470.30	848.61	FOW
BWB112	242+25.41 'BA'	2.00' LT	486099.31	824473.31	848.55	FL
BWB113	242+25.41 'BA'	2.50' LT	486099.08	824472.86	848.56	BOC
BWB114	242+16.54 'BA'	11.54' LT	486091.42	824465.66	849.05	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BWB115	242+00.43 'BA'	8.27' LT	486082.96	824465.51	849.05	FOW
BWB116	242+00.78 'BA'	14.27' LT	486087.27	824461.33	849.14	BOW
BWB117	241+57.89 'BA'	2.50' LT	486049.48	824438.93	849.57	BOC
BWB118	241+63.39 'BA'	0.00'	486051.48	824444.63	849.19	EOP
BWB119	241+69.39 'BA'	0.00'	486055.63	824448.96	849.17	EOP
BWB120	241+74.39 'BA'	2.50' LT	486060.90	824450.84	849.60	BOC
BWB121	242+09.10 'BA'	2.50' LT	486085.22	824473.64	849.31	BOC
BWB122	242+15.99 'BA'	0.00'	486091.11	824477.21	848.78	EOP
BWB123	242+25.41 'BA'	0.00'	486100.20	824475.09	848.63	EOP
BWB124	242+30.56 'BA'	2.50' LT	486102.81	824470.35	848.87	BOC
BWB125	241+40.56 'BA'	8.55' LT	486041.85	824422.22	850.16	MATCH
BWB126	241+40.50 'BA'	14.52' LT	486046.12	824418.05	850.24	MATCH
BWB127	242+45.99 'BA'	19.59' LT	486102.16	824447.40	849.87	MATCH
BWB128	242+46.33 'BA'	14.33' LT	486106.03	824450.99	849.70	MATCH
BWB129	242+32.57 'BA'	19.40' LT	486092.56	824456.79	849.49	BOW

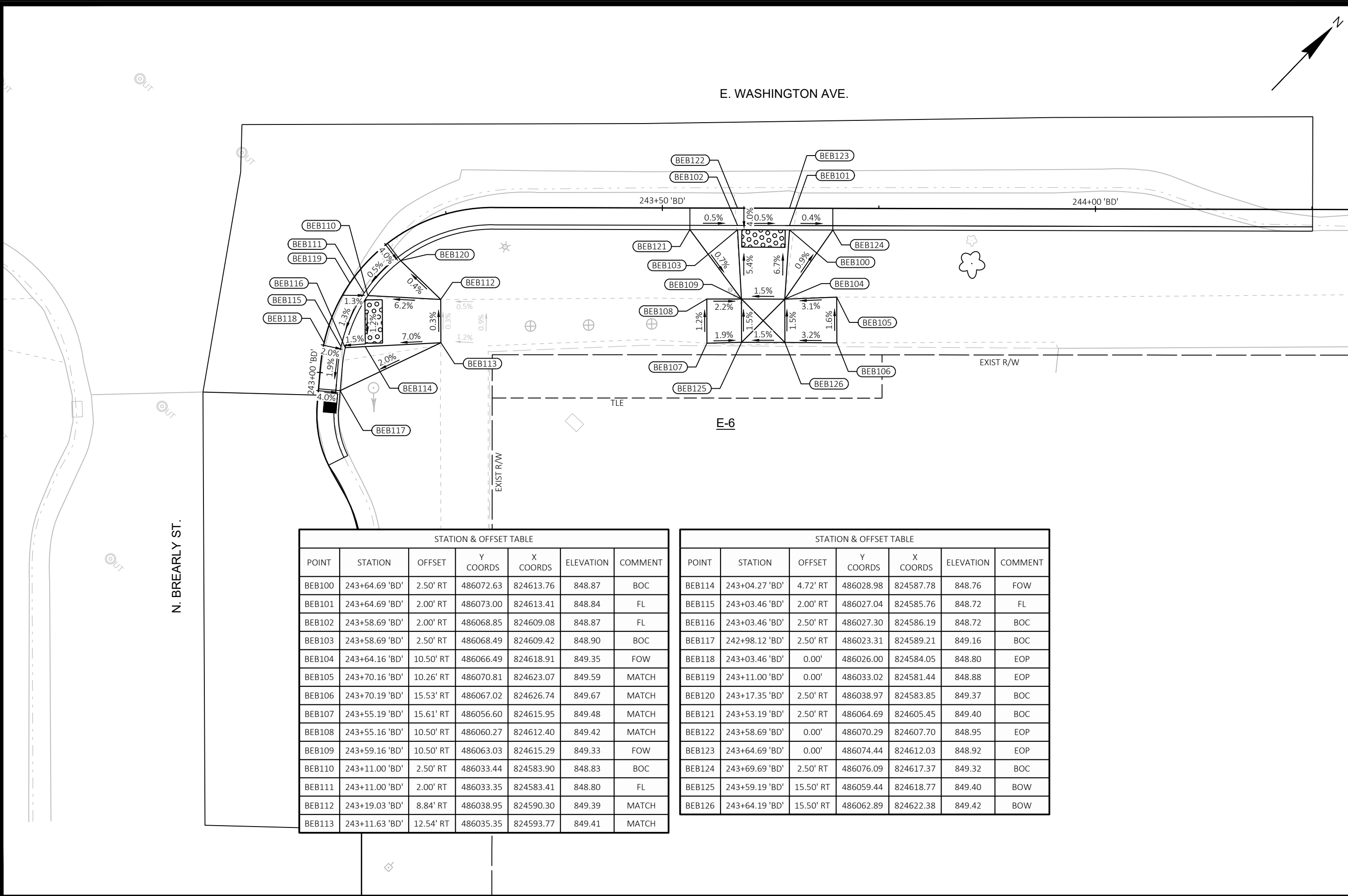
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BWB130	241+93.86 'BA'	8.30' LT	486078.55	824460.87	849.37	FOW
BWB131	241+93.88 'BA'	14.27' LT	486082.88	824456.76	849.46	BOW
BWB132	241+95.80 'BA'	14.27' LT	486084.21	824458.14	849.36	BOW
BWB133	241+95.58 'BA'	14.72' LT	486084.38	824457.67	849.73	BOC
BWB134	241+97.71 'BA'	15.74' LT	486086.59	824458.50	849.76	MATCH
BWB135	241+99.85 'BA'	15.74' LT	486088.07	824460.04	849.70	MATCH
BWB136	241+99.85 'BA'	17.92' LT	486089.65	824458.53	849.77	MATCH
BWB137	241+97.82 'BA'	15.24' LT	486086.31	824458.93	849.28	BOW
BWB138	242+32.72 'BA'	13.95' LT	486096.43	824460.63	849.41	FOW
BWB139	242+41.00 'BA'	19.52' LT	486098.59	824450.90	849.69	BOW
BWB140	242+41.14 'BA'	14.18' LT	486102.37	824454.66	849.61	FOW
BWB141	242+01.16 'BA'	15.24' LT	486088.01	824460.70	849.19	BOW
BWB142	242+03.94 'BA'	17.85' LT	486090.02	824458.97	849.33	BOW

MARK: \_\_\_\_\_ REVISION: \_\_\_\_\_ DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 Designed By: stmmw Date: 2022-08-01 Scale: 1"=20 FT  
 60631225P

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

**CURB RAMP DETAILS**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

60631225P  
**CD-6**



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BEB100	243+64.69 'BD'	2.50' RT	486072.63	824613.76	848.87	BOC
BEB101	243+64.69 'BD'	2.00' RT	486073.00	824613.41	848.84	FL
BEB102	243+58.69 'BD'	2.00' RT	486068.85	824609.08	848.87	FL
BEB103	243+58.69 'BD'	2.50' RT	486068.49	824609.42	848.90	BOC
BEB104	243+64.16 'BD'	10.50' RT	486066.49	824618.91	849.35	FOW
BEB105	243+70.16 'BD'	10.26' RT	486070.81	824623.07	849.59	MATCH
BEB106	243+70.19 'BD'	15.53' RT	486067.02	824626.74	849.67	MATCH
BEB107	243+55.19 'BD'	15.61' RT	486056.60	824615.95	849.48	MATCH
BEB108	243+55.16 'BD'	10.50' RT	486060.27	824612.40	849.42	MATCH
BEB109	243+59.16 'BD'	10.50' RT	486063.03	824615.29	849.33	FOW
BEB110	243+11.00 'BD'	2.50' RT	486033.44	824583.90	848.83	BOC
BEB111	243+11.00 'BD'	2.00' RT	486033.35	824583.41	848.80	FL
BEB112	243+19.03 'BD'	8.84' RT	486038.95	824590.30	849.39	MATCH
BEB113	243+11.63 'BD'	12.54' RT	486035.35	824593.77	849.41	MATCH

STATION & OFFSET TABLE

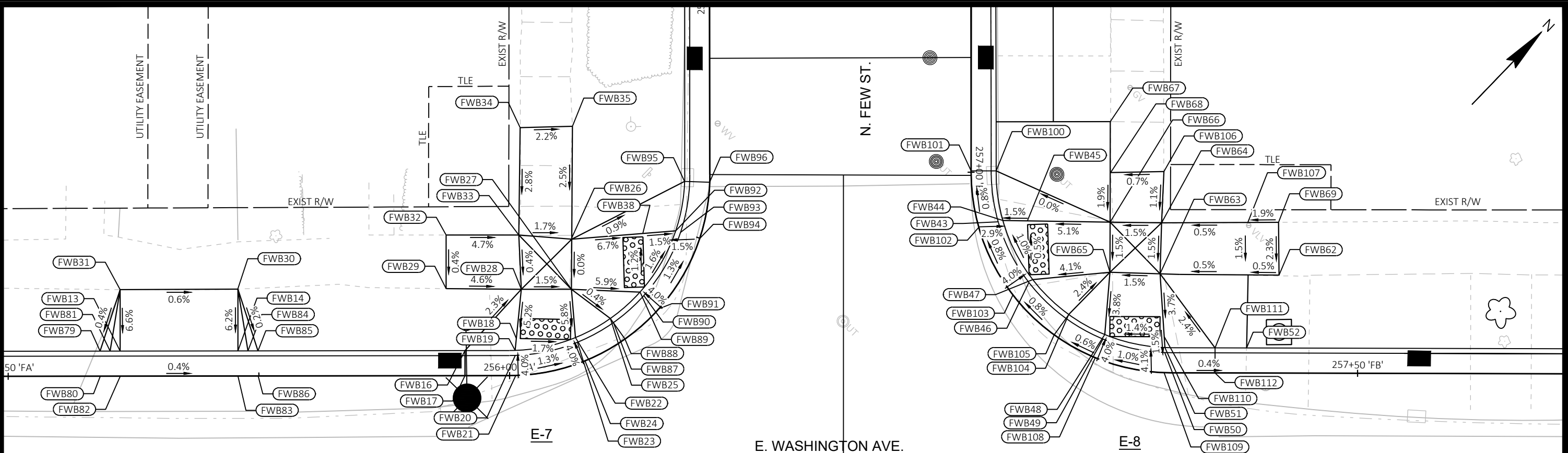
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BEB114	243+04.27 'BD'	4.72' RT	486028.98	824587.78	848.76	FOW
BEB115	243+03.46 'BD'	2.00' RT	486027.04	824585.76	848.72	FL
BEB116	243+03.46 'BD'	2.50' RT	486027.30	824586.19	848.72	BOC
BEB117	242+98.12 'BD'	2.50' RT	486023.31	824589.21	849.16	BOC
BEB118	243+03.46 'BD'	0.00'	486026.00	824584.05	848.80	EOP
BEB119	243+11.00 'BD'	0.00'	486033.02	824581.44	848.88	EOP
BEB120	243+17.35 'BD'	2.50' RT	486038.97	824583.85	849.37	BOC
BEB121	243+53.19 'BD'	2.50' RT	486064.69	824605.45	849.40	BOC
BEB122	243+58.69 'BD'	0.00'	486070.29	824607.70	848.95	EOP
BEB123	243+64.69 'BD'	0.00'	486074.44	824612.03	848.92	EOP
BEB124	243+69.69 'BD'	2.50' RT	486076.09	824617.37	849.32	BOC
BEB125	243+59.19 'BD'	15.50' RT	486059.44	824618.77	849.40	BOW
BEB126	243+64.19 'BD'	15.50' RT	486062.89	824622.38	849.42	BOW

MARK	REVISION	DATE	BY
60631225P	Designed By: STMMW	Date: 2022-08-01	Scale: 1"=20 FT

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



60631225P  
 CD-7



**STATION & OFFSET TABLE**

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB13	255+61.17 'FA'	2.51' LT	486968.17	825394.68	850.30	BOC
FWB14	255+72.92 'FA'	2.50' LT	486976.32	825403.14	850.25	BOC
FWB16	255+95.55 'FA'	2.50' LT	486992.02	825419.44	850.49	BOC
FWB17	255+95.55 'FA'	0.00'	486990.22	825421.17	850.10	EOP
FWB18	256+00.83 'FA'	3.70' LT	486996.45	825422.29	850.04	FOW
FWB19	256+00.63 'FA'	2.50' LT	486995.50	825423.03	850.02	BOC
FWB20	256+00.63 'FA'	2.00' LT	486995.15	825423.39	850.01	FL
FWB21	256+00.63 'FA'	0.00'	486993.75	825424.82	850.09	EOP
FWB22	256+07.71 'FA'	2.50' LT	487000.60	825426.49	849.94	BOC
FWB23	256+07.71 'FA'	2.00' LT	487000.40	825426.95	849.92	FL
FWB24	256+07.71 'FA'	0.00'	486999.59	825428.77	850.00	EOP
FWB25	256+12.26 'FA'	2.50' LT	487004.39	825427.68	850.20	BOC
FWB26	256+15.66 'FA'	11.17' LT	487007.53	825419.32	850.22	FOW
FWB27	256+09.96 'FA'	7.03' LT	487003.80	825422.86	850.22	FOW
FWB28	256+02.08 'FA'	8.55' LT	487000.34	825419.25	850.29	FOW
FWB29	255+93.69 'FA'	8.69' LT	486995.18	825413.80	850.64	MATCH
FWB30	255+72.91 'FA'	8.67' LT	486980.75	825398.86	850.66	MATCH
FWB31	255+61.17 'FA'	8.63' LT	486972.58	825390.43	850.70	MATCH
FWB32	255+93.70 'FA'	14.05' LT	486999.05	825410.09	850.66	MATCH
FWB33	256+03.13 'FA'	13.96' LT	487004.06	825415.32	850.32	BOW
FWB34	256+36.16 'FA'	18.90' LT	487011.89	825408.00	850.69	MATCH
FWB35	256+36.29 'FA'	13.70' LT	487015.59	825411.65	850.50	MATCH
FWB38	256+23.15 'FA'	5.47' LT	487012.74	825424.13	849.74	FOW
FWB43	257+05.58 'FB'	2.01' LT	487038.13	825448.88	849.73	FL

**STATION & OFFSET TABLE**

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB44	257+05.58 'FB'	2.50' LT	487038.56	825449.13	849.74	BOC
FWB45	257+06.51 'FB'	4.83' LT	487040.23	825450.92	849.78	FOW
FWB46	257+13.19 'FB'	2.00' LT	487035.88	825455.30	849.79	FL
FWB47	257+13.19 'FB'	2.50' LT	487036.37	825455.37	849.81	BOC
FWB48	257+23.64 'FB'	2.50' LT	487037.40	825464.35	849.88	BOC
FWB49	257+23.64 'FB'	2.00' LT	487036.93	825464.54	849.86	FL
FWB50	257+30.69 'FB'	2.00' LT	487040.24	825469.91	849.94	FL
FWB51	257+30.69 'FB'	2.50' LT	487040.61	825469.58	849.95	BOC
FWB52	257+38.91 'FB'	2.50' LT	487046.23	825475.47	850.40	BOC
FWB62	257+42.13 'FB'	9.78' LT	487053.72	825472.76	850.26	MATCH
FWB63	257+29.19 'FB'	9.82' LT	487045.59	825464.12	850.20	FOW
FWB64	257+27.52 'FB'	14.87' LT	487049.36	825460.71	850.27	BOW
FWB65	257+20.39 'FB'	8.30' LT	487042.24	825460.41	850.21	FOW
FWB66	257+13.62 'FB'	12.11' LT	487045.86	825456.95	850.20	FOW
FWB67	256+94.93 'FB'	13.88' LT	487053.11	825450.02	850.37	MATCH
FWB68	257+00.06 'FB'	13.92' LT	487049.46	825453.56	850.29	MATCH
FWB69	257+42.08 'FB'	15.04' LT	487057.48	825469.09	850.38	MATCH
FWB79	255+59.17 'FA'	2.50' LT	486966.78	825393.24	850.68	BOC
FWB80	255+59.17 'FA'	0.00'	486964.98	825394.97	850.31	EOP
FWB81	255+60.17 'FA'	2.50' LT	486967.47	825393.96	850.30	BOC
FWB82	255+61.17 'FA'	0.00'	486966.36	825396.41	850.30	EOP
FWB83	255+72.92 'FA'	0.00'	486974.51	825404.87	850.25	EOP
FWB84	255+73.92 'FA'	2.50' LT	486977.01	825403.86	850.25	BOC
FWB85	255+74.92 'FA'	2.50' LT	486977.70	825404.58	850.62	BOC

**STATION & OFFSET TABLE**

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB86	255+74.92 'FA'	0.00'	486975.90	825406.31	850.24	EOP
FWB87	256+12.26 'FA'	2.00' LT	487004.30	825428.17	849.86	FL
FWB88	256+12.26 'FA'	0.00'	487003.92	825430.14	849.94	EOP
FWB89	256+16.79 'FA'	2.50' LT	487008.33	825427.99	849.82	BOC
FWB90	256+16.79 'FA'	2.00' LT	487008.35	825428.49	849.79	FL
FWB91	256+16.79 'FA'	0.00'	487008.42	825430.49	849.87	EOP
FWB92	256+24.93 'FA'	2.50' LT	487015.21	825426.31	849.69	BOC
FWB93	256+24.93 'FA'	2.00' LT	487015.42	825426.76	849.69	FL
FWB94	256+24.93 'FA'	0.00'	487016.28	825428.57	849.77	EOP
FWB95	256+30.68 'FA'	2.50' LT	487019.38	825423.54	850.11	BOC
FWB96	256+30.68 'FA'	0.00'	487021.05	825425.40	849.69	EOP
FWB100	256+99.87 'FB'	2.50' LT	487041.67	825445.21	850.19	BOC
FWB101	256+99.87 'FB'	0.00' RT	487039.94	825443.41	849.77	EOP
FWB102	257+05.58 'FB'	0.00'	487036.40	825447.87	849.81	EOP
FWB103	257+13.19 'FB'	0.00'	487033.90	825455.00	849.87	EOP
FWB104	257+18.92 'FB'	2.50' LT	487036.35	825460.37	850.26	BOC
FWB105	257+18.92 'FB'	0.00'	487033.87	825460.72	849.91	EOP
FWB106	256+99.92 'FB'	19.23' LT	487053.21	825457.33	850.33	MATCH
FWB107	257+39.01 'FB'	15.02' LT	487055.35	825466.89	850.32	BOW
FWB108	257+23.64 'FB'	0.00'	487035.07	825465.27	849.94	EOP
FWB109	257+30.69 'FB'	0.00'	487038.75	825471.24	850.02	EOP HI-PT
FWB110	257+30.55 'FB'	3.59' LT	487041.35	825468.77	849.96	FOW
FWB111	257+35.78 'FB'	2.50' LT	487044.06	825473.20	850.42	BOC
FWB112	257+35.78 'FB'	0.00'	487042.25	825474.93	850.00	EOP

REVISION: \_\_\_\_\_ DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 MARK: \_\_\_\_\_  
 Designed By: stwmc Date: 2022-08-01  
 60631225P

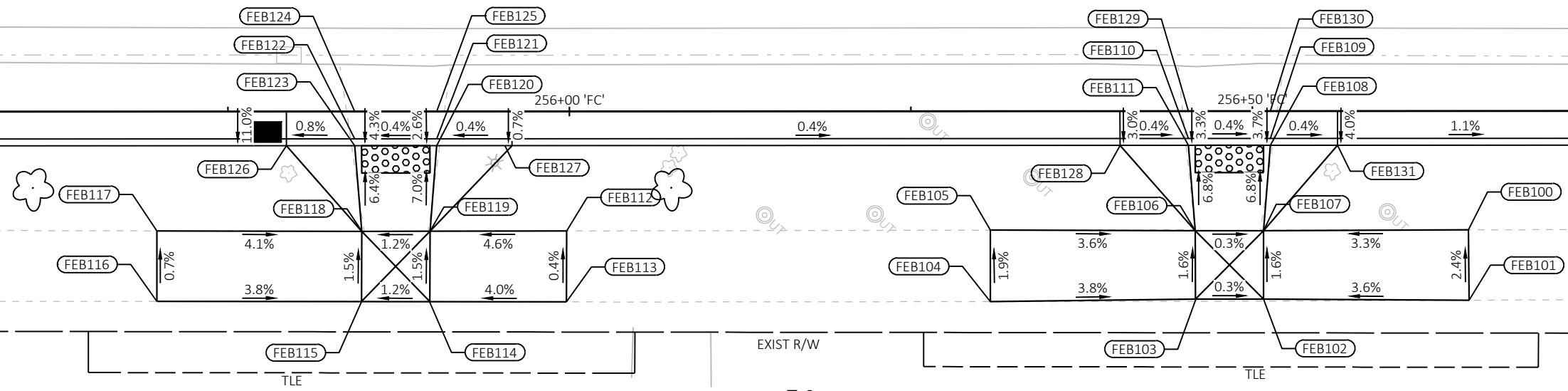
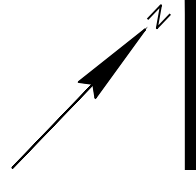
**60631225P**  
 CITY OF MADISON, DANE COUNTY, WI  
**CONTRACT NO: 60631225C**

**CURB RAMP DETAILS**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

**60631225P**  
**CD-8**

FILE NAME: C:\PWORKING\AECOM\_DS20\_NA\_2019\CAR28015\0107215\021325-CR.DWG  
 LAYOUT NAME - 021325\_C

E. WASHINGTON AVE.



E-9

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB100	256+65.81 'FC'	8.68' RT	486970.75	825556.63	850.71	MATCH
FEB101	256+65.85 'FC'	13.84' RT	486967.07	825560.23	850.83	MATCH
FEB102	256+50.81 'FC'	13.75' RT	486956.71	825549.33	850.29	BOW
FEB103	256+45.86 'FC'	13.75' RT	486953.28	825545.76	850.30	BOW
FEB104	256+30.81 'FC'	13.92' RT	486942.72	825535.04	850.87	MATCH
FEB105	256+30.81 'FC'	8.69' RT	486946.49	825531.40	850.77	MATCH
FEB106	256+45.81 'FC'	8.75' RT	486956.84	825542.26	850.23	FOW
FEB107	256+50.81 'FC'	8.75' RT	486960.31	825545.86	850.21	FOW
FEB108	256+51.31 'FC'	2.50' RT	486965.16	825541.89	849.79	BOC
FEB109	256+51.31 'FC'	2.00' RT	486965.52	825541.54	849.75	FL
FEB110	256+45.31 'FC'	2.00' RT	486961.36	825537.22	849.76	FL
FEB111	256+45.31 'FC'	2.50' RT	486961.00	825537.56	849.80	BOC
FEB112	255+99.79 'FC'	8.74' RT	486924.95	825509.08	850.89	MATCH
FEB113	255+99.78 'FC'	13.93' RT	486921.20	825512.67	850.91	MATCH
FEB114	255+90.00 'FC'	13.90' RT	486914.27	825505.44	850.51	BOW
FEB115	255+85.02 'FC'	13.89' RT	486910.83	825501.85	850.52	BOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB116	255+69.79 'FC'	13.88' RT	486900.45	825491.02	851.02	MATCH
FEB117	255+69.79 'FC'	8.72' RT	486904.17	825487.45	850.98	MATCH
FEB118	255+84.79 'FC'	8.75' RT	486914.55	825498.28	850.44	FOW
FEB119	255+89.79 'FC'	8.75' RT	486918.01	825501.88	850.43	FOW
FEB120	255+90.29 'FC'	2.50' RT	486922.86	825497.91	849.97	BOC
FEB121	255+90.29 'FC'	2.00' RT	486923.23	825497.56	849.93	FL
FEB122	255+84.29 'FC'	2.00' RT	486919.07	825493.24	849.95	FL
FEB123	255+84.29 'FC'	2.50' RT	486918.71	825493.59	849.99	BOC
FEB124	255+84.29 'FC'	0.00'	486920.51	825491.85	850.03	EOP
FEB125	255+90.29 'FC'	0.00'	486924.67	825496.18	850.01	EOP
FEB126	255+79.29 'FC'	2.50' RT	486915.24	825489.98	850.42	BOC
FEB127	255+95.29 'FC'	2.50' RT	486926.33	825501.51	850.42	BOC
FEB128	256+40.31 'FC'	2.50' RT	486957.54	825533.96	850.28	BOC
FEB129	256+45.31 'FC'	0.00'	486962.80	825535.83	849.84	EOP
FEB130	256+51.31 'FC'	0.00'	486966.96	825540.16	849.83	EOP
FEB131	256+56.22 'FC'	2.50' RT	486968.57	825545.43	850.23	BOC

MARK	REVISION	DATE	BY
60631225P	2022-08-25	2022-08-25	60631225P
Designed By: STMMW			Scale: 1"=20 FT

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



60631225P

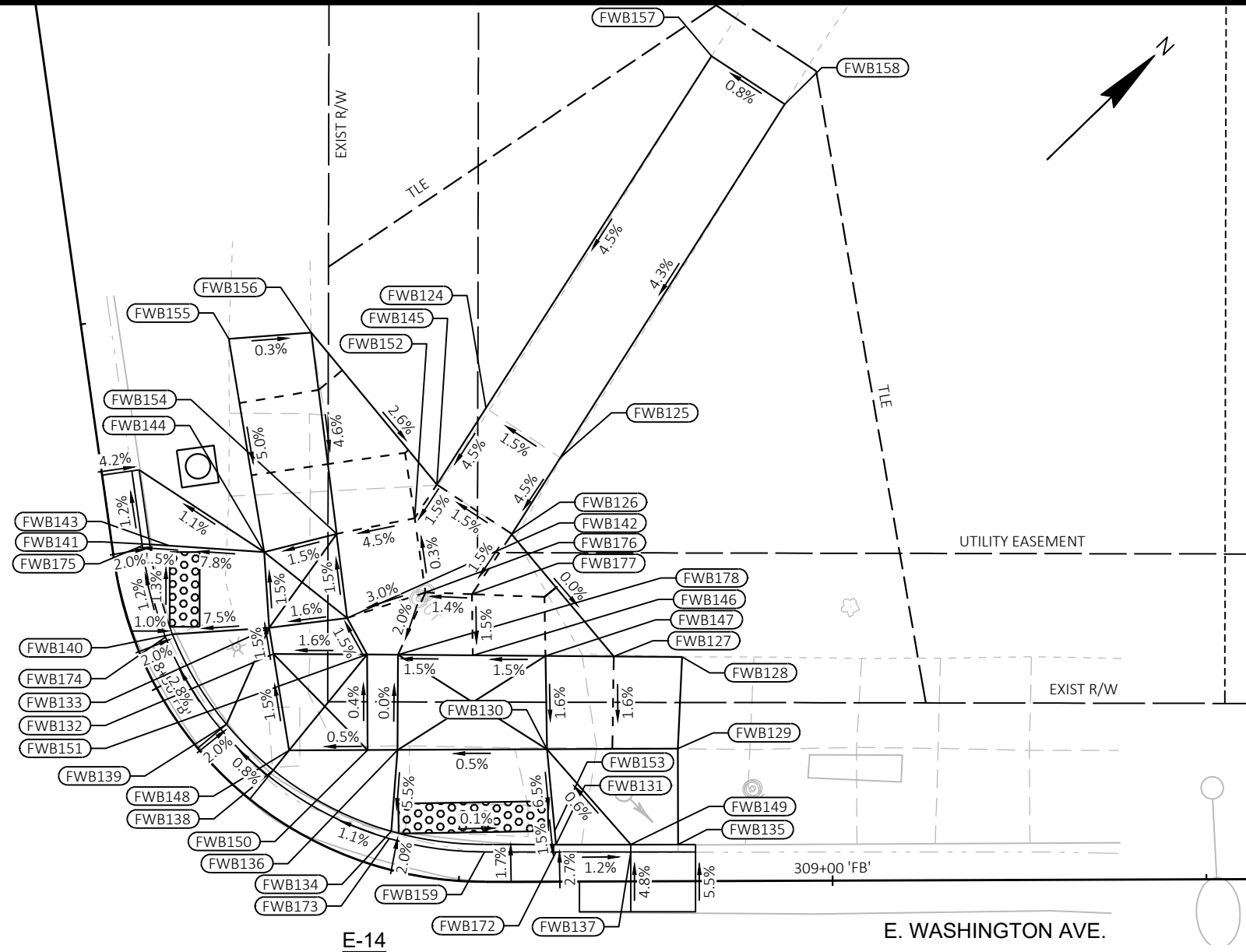
CD-9







N. FOURTH ST.



E-14

E. WASHINGTON AVE.

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB124	308+34.34 'FB'	26.04' LT	490736.00	829159.65	864.64	FOW
FWB125	308+81.88 'FB'	28.36' LT	490737.25	829165.49	864.73	FOW
FWB126	308+78.61 'FB'	23.25' LT	490731.35	829166.90	864.49	FOW
FWB127	308+85.42 'FB'	15.05' LT	490730.56	829177.53	864.45	BOW
FWB128	308+89.99 'FB'	15.00' LT	490733.82	829180.74	864.57	MATCH
FWB129	308+89.68 'FB'	8.86' LT	490729.33	829184.94	864.41	MATCH
FWB130	308+80.93 'FB'	8.85' LT	490723.03	829178.87	864.33	FOW
FWB131	308+81.51 'FB'	2.49' LT	490719.03	829183.85	863.90	BOC
FWB132	308+52.55 'FB'	7.86' LT	490714.35	829161.55	680.24	FOW
FWB133	308+50.12 'FB'	8.54' LT	490715.37	829160.10	864.05	FOW
FWB134	308+69.70 'FB'	2.50' LT	490711.73	829175.56	863.92	BOC
FWB135	308+89.67 'FB'	2.45' LT	490724.88	829189.55	864.27	BOC
FWB136	308+68.08 'FB'	7.81' LT	490715.82	829171.94	864.31	FOW
FWB137	308+86.51 'FB'	1.93' LT	490722.24	829187.73	863.85	FL
FWB138	308+59.76 'FB'	2.50' LT	490708.93	829167.12	864.20	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB139	308+54.87 'FB'	2.50' LT	490708.82	829162.73	864.17	BOC
FWB140	308+47.05 'FB'	2.50' LT	490710.42	829155.90	863.57	BOC
FWB141	308+40.22 'FB'	2.50' LT	490713.52	829150.53	863.46	BOC
FWB142	308+54.31 'FB'	13.25' LT	490719.56	829163.26	864.17	BOW
FWB143	308+40.50 'FB'	3.81' LT	490714.41	829151.53	863.48	FOW
FWB144	308+42.36 'FB'	9.98' LT	490718.65	829156.23	863.97	FOW
FWB145	308+38.95 'FB'	22.07' LT	490730.08	829161.04	864.40	FOW
FWB146	308+74.77 'FB'	15.12' LT	490723.85	829170.92	864.47	BOW
FWB147	308+80.85 'FB'	15.10' LT	490727.31	829174.32	864.39	BOW
FWB148	308+59.76 'FB'	4.19' LT	490710.60	829166.91	864.22	FOW
FWB149	308+86.51 'FB'	2.47' LT	490722.61	829187.34	864.35	BOC
FWB150	308+65.47 'FB'	7.03' LT	490714.38	829170.55	864.31	FOW
FWB151	308+59.83 'FB'	12.45' LT	490718.81	829165.94	864.19	BOW
FWB152	308+41.03 'FB'	20.29' LT	490727.45	829161.62	864.33	FOW
FWB153	308+81.43 'FB'	3.39' LT	490719.60	829183.15	863.92	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB154	308+41.73 'FB'	14.97' LT	490722.98	829158.73	864.06	BOW
FWB155	308+27.35 'FB'	9.66' LT	490726.88	829144.35	864.73	MATCH
FWB156	308+27.70 'FB'	15.18' LT	490731.13	829147.89	864.72	MATCH
FWB157	308+13.14 'FB'	44.28' LT	490763.23	829153.28	865.89	MATCH
FWB158	308+17.01 'FB'	48.67' LT	490764.50	829158.98	865.94	MATCH
FWB159	308+76.71 'FB'	2.00' LT	490715.24	829180.88	863.95	FL H.P.
FWB172	308+81.51 'FB'	1.98' LT	490718.68	829184.22	863.88	FL
FWB173	308+69.70 'FB'	2.00' LT	490711.30	829175.80	863.88	FL
FWB174	308+47.05 'FB'	2.00' LT	490709.96	829155.71	863.53	FL
FWB175	308+40.22 'FB'	2.00' LT	490713.11	829150.24	863.45	FL
FWB176	308+61.47 'FB'	18.13' LT	490724.51	829165.68	864.34	FOW
FWB177	308+73.14 'FB'	19.18' LT	490726.66	829167.94	864.40	FOW
FWB178	308+63.42 'FB'	13.62' LT	490720.29	829167.40	864.25	FOW

CURB RAMP DETAILS

BUS RAPID TRANSIT

CITY OF MADISON



60631225P

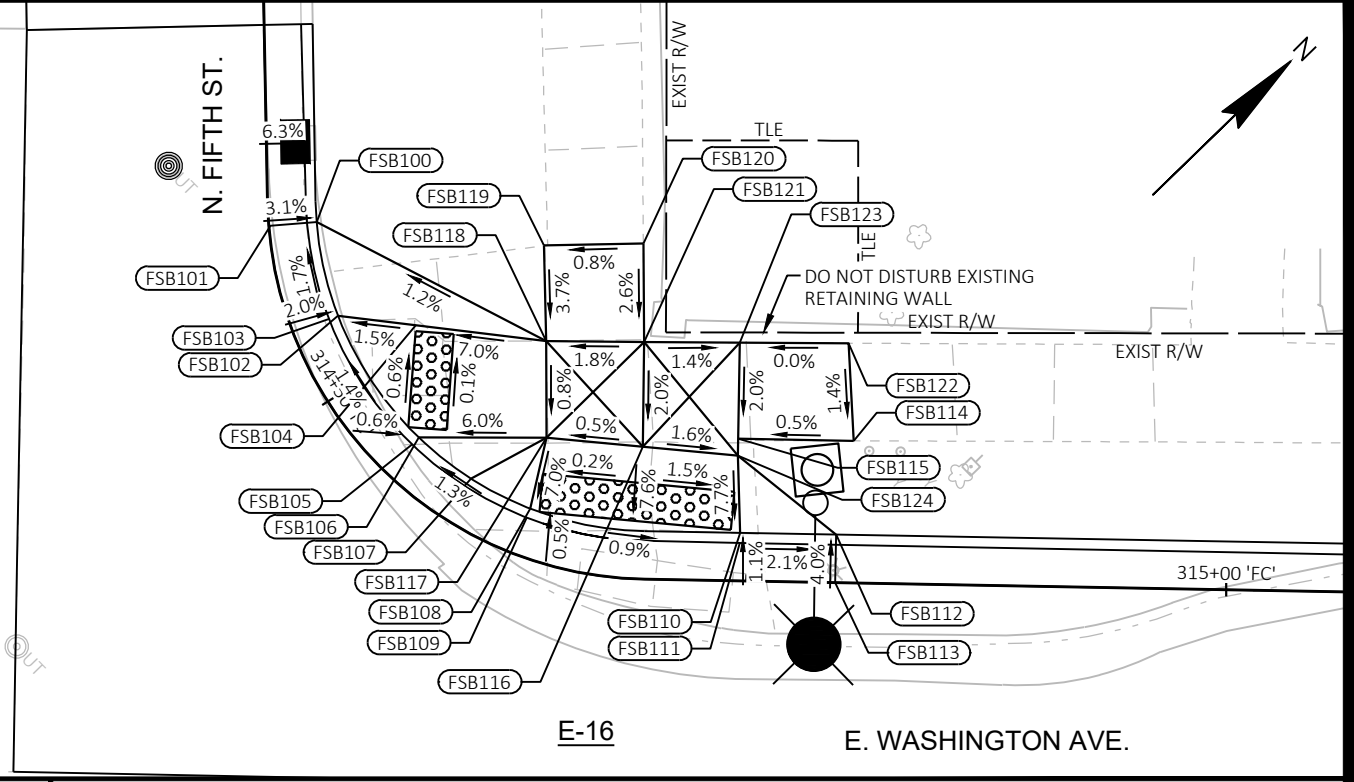
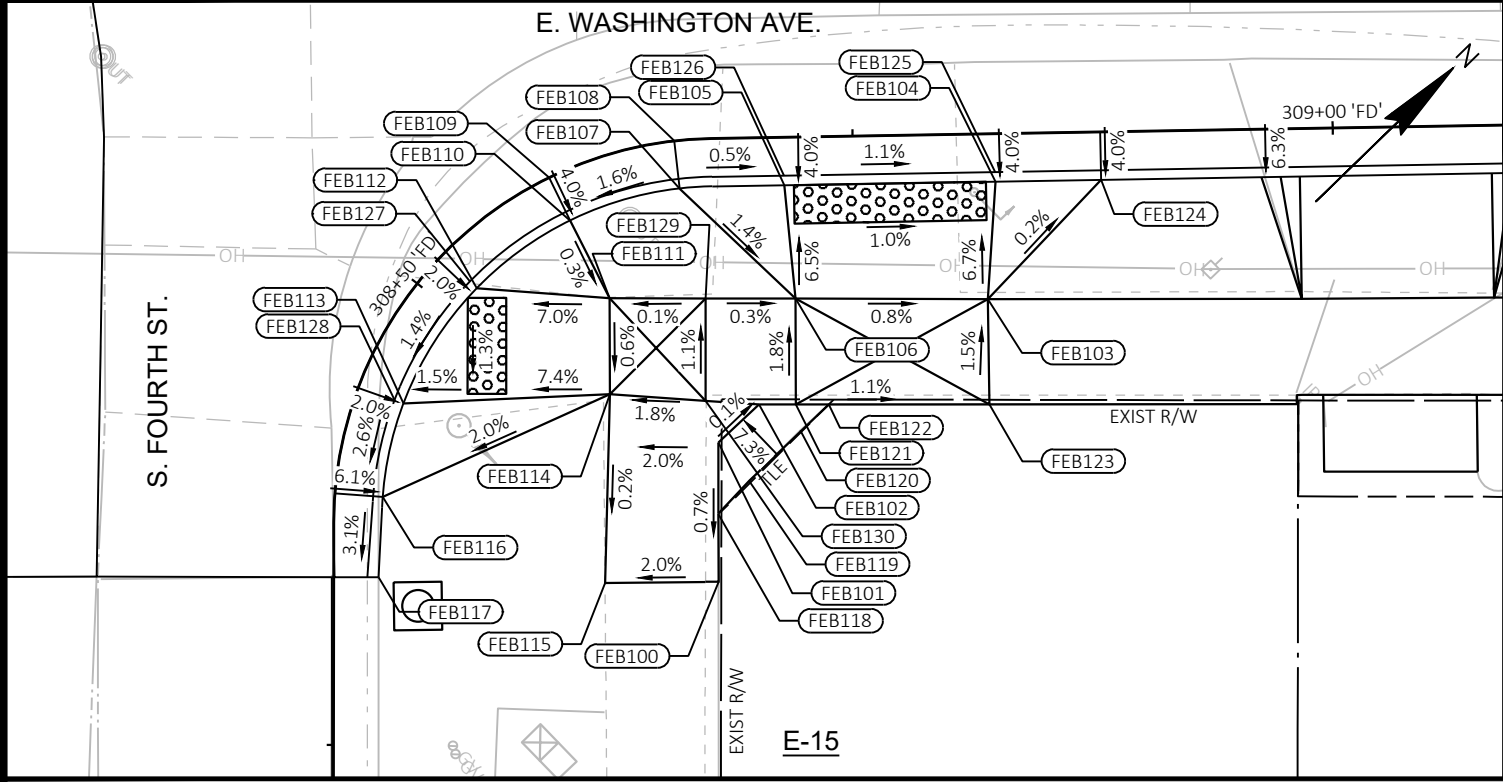
CD-12

60631225P

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

MARK	REVISION	DATE	BY



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB100	308+33.51 'FD'	20.04' RT	490618.05	829269.75	864.32	MATCH
FEB101	308+67.75 'FD'	15.84' RT	490623.09	829264.54	864.37	BOW
FEB102	308+69.90 'FD'	13.89' RT	490625.99	829264.59	864.37	BOW
FEB103	308+81.89 'FD'	8.60' RT	490638.36	829268.95	864.16	FOW
FEB104	308+82.40 'FD'	2.50' RT	490642.90	829264.85	863.75	FL
FEB105	308+71.40 'FD'	2.50' RT	490634.88	829257.32	863.86	FL
FEB106	308+71.89 'FD'	8.40' RT	490631.21	829261.96	864.24	FOW
FEB107	308+65.70 'FD'	2.50' RT	490630.85	829253.65	864.36	BOC
FEB108	308+65.70 'FD'	0.00' LT	490632.38	829251.67	863.94	EOP H.P.
FEB109	308+58.88 'FD'	0.00'	490626.38	829248.50	863.84	EOP
FEB110	308+58.88 'FD'	2.50' RT	490625.60	829250.87	864.26	BOC
FEB111	308+58.99 'FD'	7.03' RT	490624.26	829255.20	864.25	FOW
FEB112	308+51.99 'FD'	2.50' RT	490619.67	829250.02	863.74	FL
FEB113	308+43.82 'FD'	2.50' RT	490612.76	829251.66	863.62	FL
FEB114	308+54.00 'FD'	11.27' RT	490620.80	829258.80	864.22	FOW
FEB115	308+33.44 'FD'	14.13' RT	490613.77	829265.67	864.20	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB116	308+38.10 'FD'	2.50' RT	490608.58	829254.40	863.95	BOC
FEB117	308+33.72 'FD'	2.33' RT	490605.51	829257.24	863.82	BOC
FEB118	308+67.69 'FD'	19.57' RT	490620.49	829267.22	864.37	MATCH
FEB119	308+69.32 'FD'	17.86' RT	490622.86	829267.09	864.60	MATCH
FEB120	308+72.03 'FD'	15.28' RT	490626.59	829267.06	864.60	MATCH
FEB121	308+71.80 'FD'	13.92' RT	490627.36	829265.92	864.34	BOW
FEB122	308+73.52 'FD'	13.95' RT	490628.60	829267.12	864.31	BOW
FEB123	308+81.89 'FD'	14.09' RT	490634.60	829272.94	864.24	BOW
FEB124	308+87.89 'FD'	2.50' RT	490646.91	829268.61	864.14	BOC
FEB125	308+82.40 'FD'	2.00' RT	490643.24	829264.48	863.71	FL
FEB126	308+71.40 'FD'	2.00' RT	490635.22	829256.95	863.83	FL
FEB127	308+51.99 'FD'	2.00' RT	490619.65	829249.52	863.71	FL
FEB128	308+43.82 'FD'	2.00' RT	490612.54	829251.21	863.61	FL
FEB129	308+66.89 'FD'	8.31' RT	490627.84	829258.69	864.26	FOW
FEB130	308+65.97 'FD'	13.63' RT	490624.13	829262.52	864.31	BOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FSB100	314+51.18 'FC'	2.50' LT	491139.37	829572.24	859.35	BOC
FSB101	314+51.19 'FC'	0.09' LT	491137.51	829570.71	858.93	EOP
FSB102	314+56.92 'FC'	2.50' LT	491136.77	829576.51	858.97	BOC
FSB103	314+56.92 'FC'	2.00' LT	491136.31	829576.32	858.96	FL
FSB104	314+59.67 'FC'	5.99' LT	491139.34	829579.70	859.03	FOW
FSB105	314+65.69 'FC'	2.00' LT	491134.87	829584.01	859.07	FL
FSB106	314+65.69 'FC'	2.50' LT	491135.37	829584.00	859.07	BOC
FSB107	314+69.64 'FC'	2.50' LT	491135.83	829587.42	859.38	BOC
FSB108	314+73.61 'FC'	2.50' LT	491136.96	829590.70	859.20	BOC
FSB109	314+73.61 'FC'	2.00' LT	491136.50	829590.90	859.16	FL H.P.
FSB110	314+85.56 'FC'	2.50' LT	491143.91	829599.22	859.10	BOC
FSB111	314+85.56 'FC'	1.98' LT	491143.55	829599.58	859.06	FL
FSB112	314+90.56 'FC'	2.51' LT	491147.44	829602.76	859.46	BOC
FSB113	314+90.56 'FC'	0.00'	491145.67	829604.53	859.04	EOP
FSB114	314+91.40 'FC'	7.40' LT	491151.51	829599.90	859.46	MATCH
FSB115	314+85.37 'FC'	7.40' LT	491147.25	829595.63	859.43	FOW
FSB116	314+80.31 'FC'	6.90' LT	491143.41	829592.47	859.49	FOW
FSB117	314+72.82 'FC'	6.24' LT	491140.14	829588.63	859.46	FOW
FSB118	314+68.47 'FC'	10.63' LT	491143.63	829585.01	859.51	FOW
FSB119	314+58.32 'FC'	13.81' LT	491147.01	829581.36	859.69	MATCH
FSB120	314+77.63 'FC'	17.45' LT	491150.80	829584.90	859.73	MATCH
FSB121	314+79.99 'FC'	12.34' LT	491147.25	829588.61	859.60	BOW
FSB122	314+91.04 'FC'	12.48' LT	491154.86	829596.07	859.53	MATCH
FSB123	314+85.38 'FC'	12.41' LT	491150.81	829592.10	859.53	BOW
FSB124	314+85.37 'FC'	6.52' LT	491146.63	829596.25	859.41	FOW

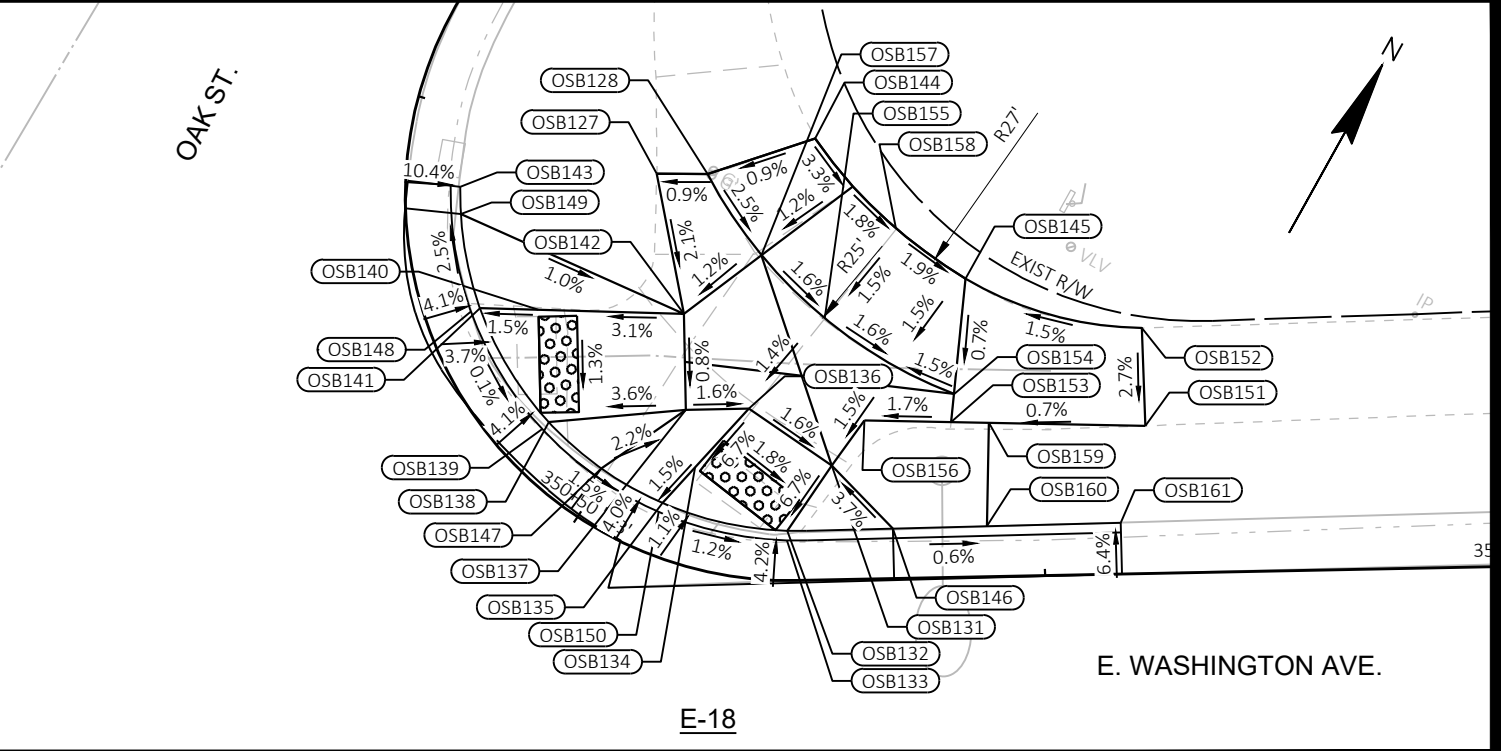
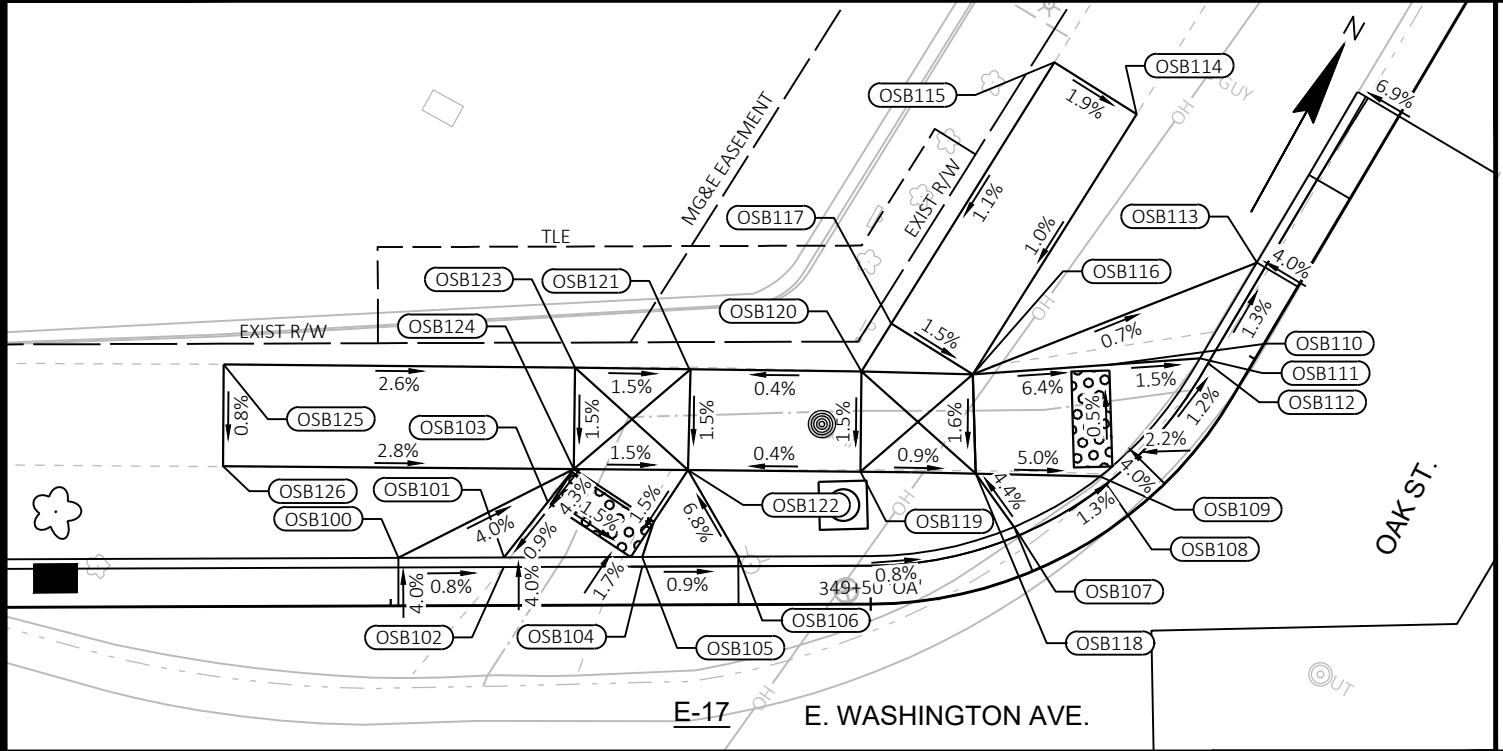
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 Scale: 1"=20 FT  
 60631225P

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

**CITY OF MADISON**  
 WISCONSIN

60631225P  
 CD-13

FILE NAME: C:\P\WORKING\AECOM\_DS20\_NA\_2019\CAR28015\0107215\021329-CR.DWG  
 LAYOUT NAME: -021329\_LF  
 LAST PLOT DATE: - 2022-08-01



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
OSB100	350+33.48 'OB'	91.10' RT	493436.11	832071.81	854.61	BOC
OSB101	350+33.65 'OB'	85.67' RT	493438.80	832076.61	854.07	BOC
OSB102	350+33.74 'OB'	85.77' RT	493438.34	832076.84	854.07	FL
OSB103	350+33.17 'OB'	82.96' RT	493442.43	832077.20	854.10	FOW
OSB104	350+33.99 'OB'	78.66' RT	493441.88	832083.14	854.01	FL
OSB105	350+33.89 'OB'	78.57' RT	493442.32	832082.89	854.02	BOC
OSB106	350+34.07 'OB'	73.65' RT	493444.76	832087.26	854.46	BOC
OSB107	350+34.37 'OB'	59.26' RT	493453.09	832099.06	854.24	BOC
OSB108	350+34.05 'OB'	54.13' RT	493457.35	832102.17	853.74	FL
OSB109	350+33.93 'OB'	54.36' RT	493457.55	832101.71	853.77	BOC
OSB110	350+32.39 'OB'	53.04' RT	493462.87	832099.31	853.72	FOW
OSB111	350+32.44 'OB'	48.33' RT	493465.44	832103.26	853.65	BOC
OSB113	350+31.01 'OB'	45.00' RT	493471.24	832103.44	854.06	BOC
OSB114	350+28.78 'OB'	51.41' RT	493474.96	832094.22	854.33	MATCH
OSB115	350+28.15 'OB'	55.93' RT	493475.23	832089.16	854.43	MATCH
OSB116	350+32.33 'OB'	60.17' RT	493458.98	832093.34	854.18	FOW
OSB117	350+31.59 'OB'	64.18' RT	493459.24	832088.33	854.25	BOW
OSB118	350+33.60 'OB'	60.72' RT	493454.53	832095.97	854.09	FOW
OSB119	350+33.35 'OB'	66.63' RT	493451.70	832090.67	854.15	FOW
OSB120	350+32.15 'OB'	65.93' RT	493456.30	832088.18	854.22	BOW
OSB121	350+31.95 'OB'	74.84' RT	493452.06	832080.29	854.18	BOW
OSB122	350+33.04 'OB'	75.49' RT	493447.42	832082.78	854.10	FOW
OSB123	350+31.83 'OB'	80.77' RT	493449.24	832075.05	854.24	BOW
OSB124	350+32.87 'OB'	81.39' RT	493444.58	832077.55	854.16	FOW
OSB125	350+31.56 'OB'	99.00' RT	493440.51	832058.97	854.76	MATCH
OSB126	350+32.45 'OB'	99.51' RT	493435.85	832061.51	854.72	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
OSB127	350+26.88 'OB'	13.00' LT	493502.55	832152.46	853.90	MATCH
OSB128	350+24.93 'OB'	15.58' LT	493503.81	832154.78	853.92	MATCH
OSB131	350+64.01 'OB'	5.94' LT	493493.68	832167.81	853.61	FOW
OSB132	350+61.55 'OB'	2.59' LT	493489.59	832167.42	853.32	BOC
OSB133	350+61.55 'OB'	2.09' LT	493489.15	832167.65	853.28	FL
OSB134	350+54.98 'OB'	5.07' LT	493490.15	832161.62	853.40	FOW
OSB135	350+53.83 'OB'	2.72' LT	493487.70	832161.04	853.36	BOC
OSB136	350+57.90 'OB'	8.75' LT	493494.18	832162.58	853.70	FOW
OSB137	350+52.64 'OB'	7.65' LT	493492.53	832159.74	853.69	FOW
OSB138	350+45.34 'OB'	2.82' LT	493488.51	832153.82	853.45	BOC
OSB139	350+45.36 'OB'	2.32' LT	493488.03	832153.68	853.43	FL
OSB140	350+38.76 'OB'	5.66' LT	493493.36	832150.51	853.52	FOW
OSB141	350+37.20 'OB'	2.87' LT	493491.96	832147.81	853.49	BOC
OSB142	350+47.04 'OB'	11.78' LT	493496.85	832157.23	853.78	FOW
OSB143	350+29.69 'OB'	2.86' LT	493496.99	832143.85	853.78	MATCH
OSB144	350+16.64 'OB'	19.68' LT	493508.16	832158.78	853.98	MATCH
OSB145	350+71.17 'OB'	15.54' LT	493505.57	832169.17	853.85	BOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
OSB146	350+67.12 'OB'	2.61' LT	493492.36	832172.17	853.71	BOC
OSB147	350+49.59 'OB'	2.78' LT	493487.73	832157.39	853.72	BOC
OSB148	350+37.20 'OB'	2.37' LT	493491.58	832147.48	853.48	FL H.P.
OSB149	350+31.34 'OB'	2.86' LT	493495.76	832144.55	853.87	BOC
OSB150	350+53.83 'OB'	2.22' LT	493487.20	832161.09	853.35	FL
OSB151	350+80.37 'OB'	7.69' LT	493503.41	832181.07	853.74	MATCH
OSB152	350+80.28 'OB'	12.79' LT	493507.78	832178.44	853.88	MATCH
OSB153	350+70.27 'OB'	8.09' LT	493498.68	832172.13	263.81	FOW
OSB154	350+70.45 'OB'	9.54' LT	493500.03	832171.56	853.82	FOW
OSB155	350+63.80 'OB'	13.62' LT	493500.21	832163.76	853.82	FOW
OSB156	350+65.75 'OB'	8.27' LT	493496.57	832168.14	853.59	FOW
OSB157	350+52.84 'OB'	16.60' LT	493501.47	832159.29	853.79	FOW
OSB158	350+67.61 'OB'	18.19' LT	493506.08	832164.76	853.81	BOW
OSB159	350+72.23 'OB'	8.01' LT	493499.60	832173.87	853.68	FOW
OSB160	350+72.03 'OB'	2.64' LT	493494.85	832176.40	853.65	BOC
OSB161	350+79.00 'OB'	2.68' LT	493498.38	832182.40	853.56	BOC

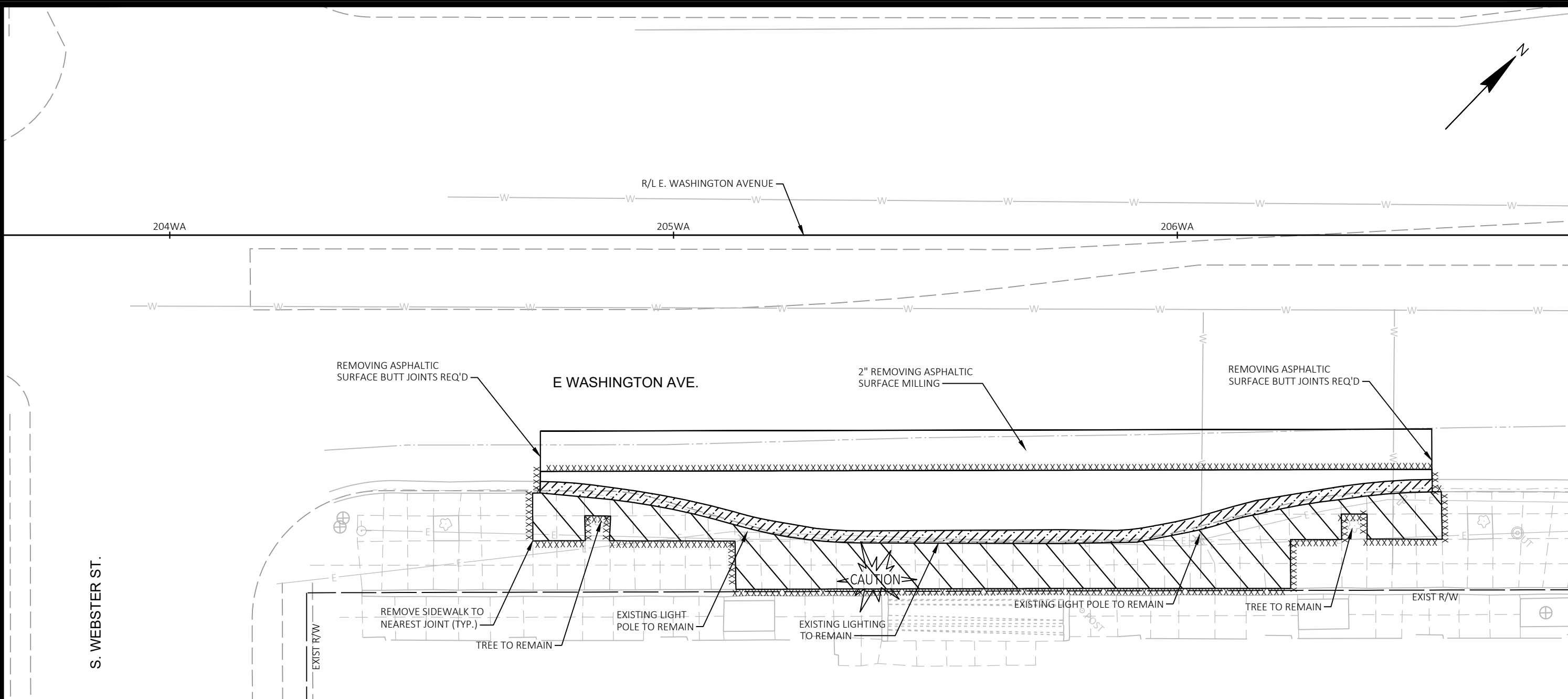
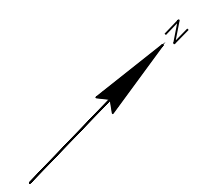
MARK: \_\_\_\_\_ DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 REVISION: \_\_\_\_\_ DATE: 2022-08-01  
 Designed By: stwmc Date: 2022-08-01  
 Scale: 1"=20 FT  
 60631225P

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




















**CURB RAMP DETAILS**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

60631225P  
**CD-14**

FILE NAME: C:\P\WORKING\AECOM\_D520\_NA\_2019\CAR28015\107215\021330-CR.DWG  
 LAST PLOT DATE: 2022-08-01  
 LAYOUT NAME: 021330-CR



**REMOVALS LEGEND**

-  REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
-  REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
-  REMOVING CURB & GUTTER
-  REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
-  SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
-  REMOVING FENCE
-  REMOVING TREE (PAID AS CLEARING & GRUBBING)
-  REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
-  INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
-  REMOVE STREET LIGHT POLE & BASE
-  REMOVE TRAFFIC SIGNAL POLE & BASE
-  REMOVE ELECTRICAL HAND HOLE
-  REMOVING CONDUIT
-  REMOVE CABINET
-  REMOVE PULL BOXES
-  REMOVE STORM SEWER
-  REMOVING INLET
-  REMOVING CATCH BASINS
-  REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

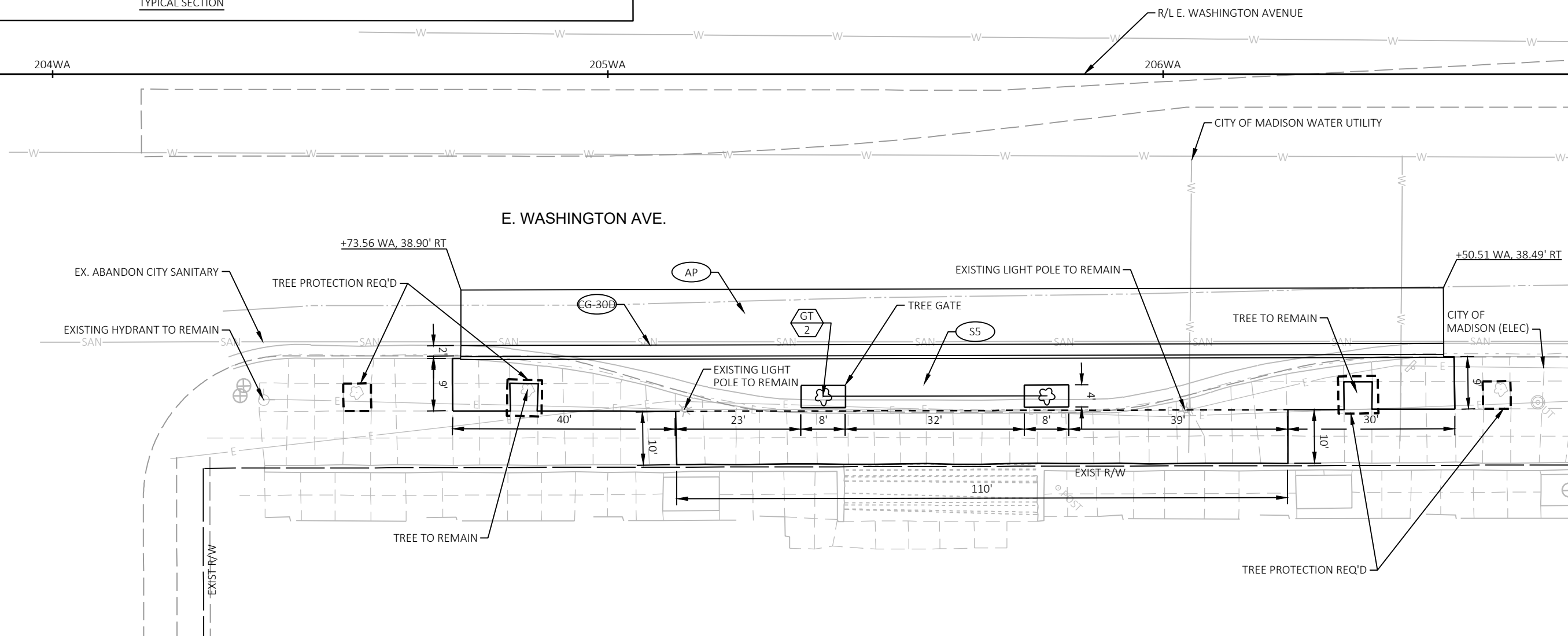
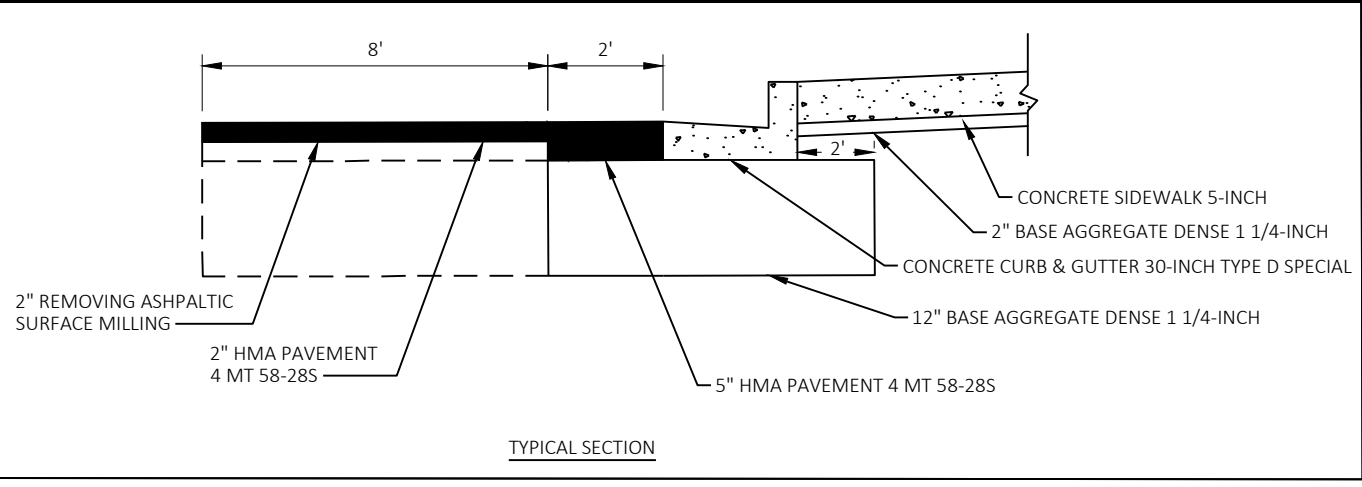
MARK	REVISION	DATE	BY
	R7-E		

Designed By: stmmw Date: 2022-08-02  
60631225P Scale: 1"=20 FT

REMOVAL PLAN: EB E. WASHINGTON AVENUE AT WEBSTER STREET  
 BUS RAPID TRANSIT  
**CITY OF MADISON**  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
**R28-E**



SITE PLAN LEGEND	
	CONCRETE PAVEMENT X-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WisDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)
	SEEDING
	CURB RAMP DETECTABLE WARNING FIELDS
	CLEAR AREA
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED
	LOCAL ROUTE BOARDING AREA
	PLANT SYMBOL QUANTITY
	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB PLATFORM EXTENSION
	CONCRETE STEPS
	BICYCLE RACK CONCRETE-MOUNTED
	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)

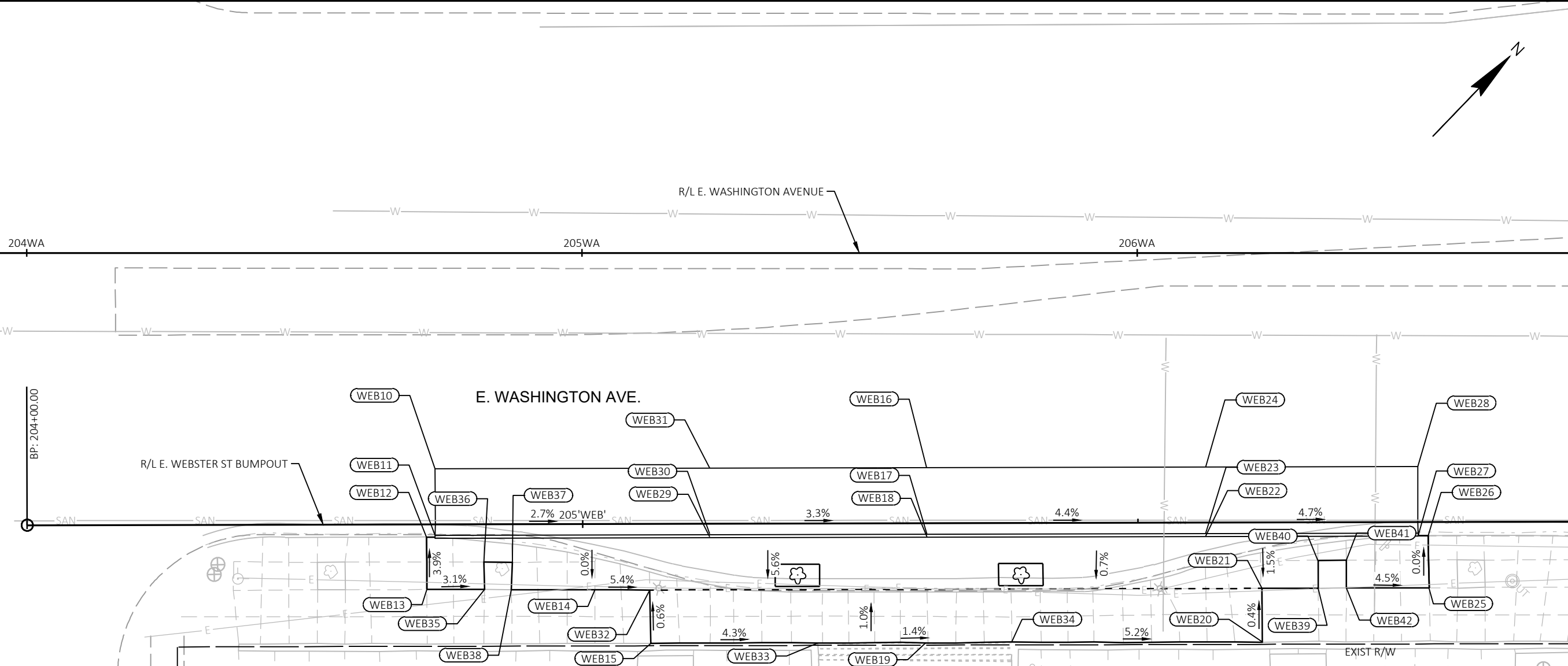
MARK	REVISION	DATE	BY
60631225P	Designed By: STRAND	2022-08-24	60631225P

**SITE PLAN: EB E. WASHINGTON AVENUE AT WEBSTER STREET**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

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

60631225P  
 60631225P  
 P28-E

MARK	REVISION	DATE	BY
60631225P	Designed By: STRAND	Date: 2022-08-24	60631225P
			Scale: 1"=20 FT



S. WEBSTER ST.

EXIST'R/W

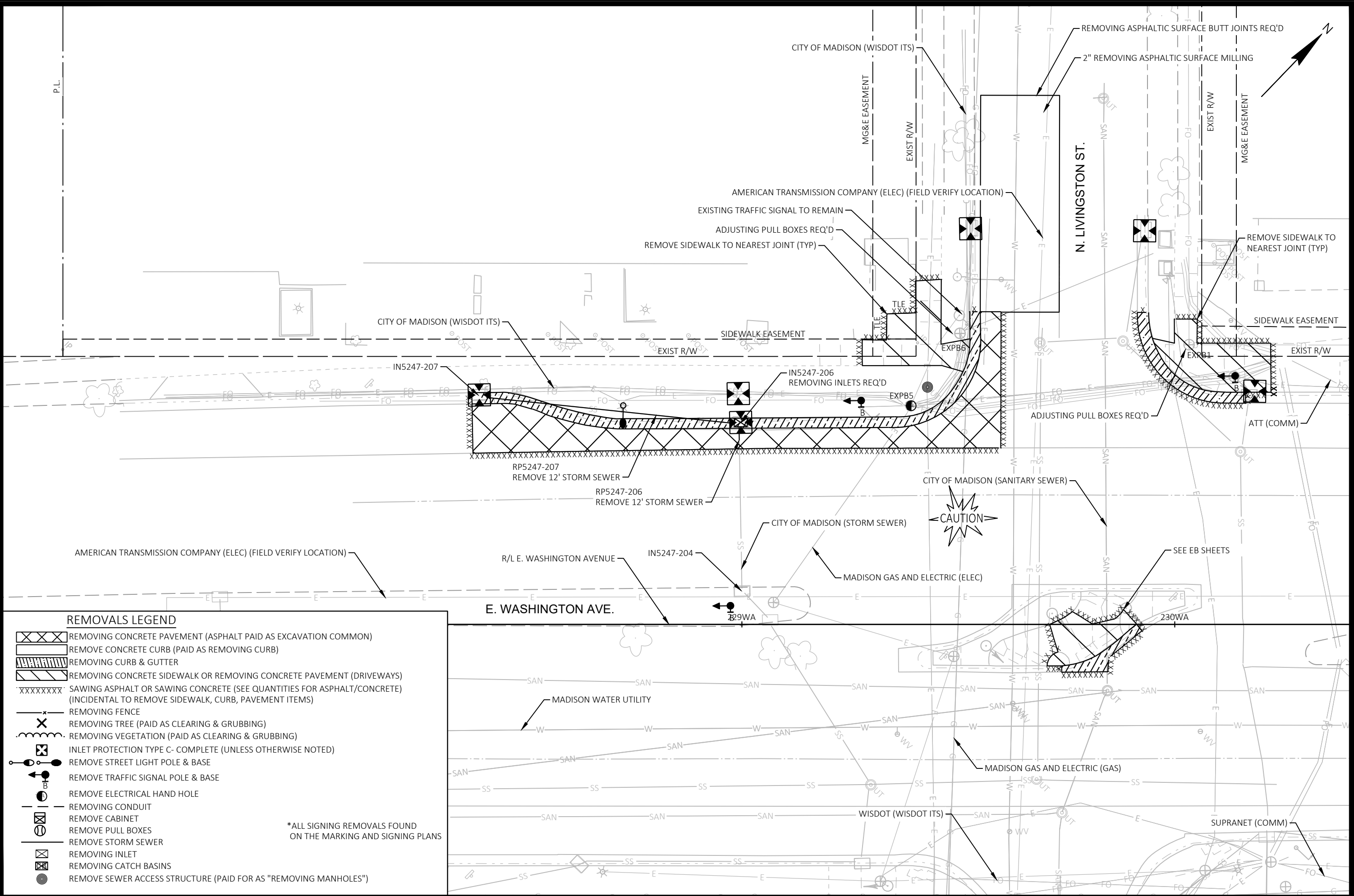
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
WEB10	204+73.47'WEB'	10.00 LT	483389.601	821796.900	917.46	MATCH
WEB11	204+73.42'WEB'	1.99 RT	483380.938	821805.185	916.86	MATCH
WEB12	204+71.91'WEB'	2.30 RT	483379.670	821804.317	917.41	MATCH
WEB13	204+71.94'WEB'	11.75 RT	483372.886	821810.907	917.78	MATCH
WEB14	205+02.20'WEB'	11.88 RT	483393.811	821832.764	916.54	MATCH
WEB15	205+12.23'WEB'	21.51 RT	483393.845	821846.675	916.07	MATCH
WEB16	205+61.94'WEB'	10.00 LT	483451.044	821860.557	914.59	MATCH
WEB17	205+62.01'WEB'	1.99 RT	483442.464	821868.931	914.16	FL
WEB18	205+62.00'WEB'	2.48 RT	483442.104	821869.269	914.66	BOC
WEB19	205+61.68'WEB'	21.57 RT	483428.142	821882.289	914.45	MATCH
WEB20	206+22.33'WEB'	21.56 RT	483470.269	821925.922	911.94	MATCH
WEB21	206+22.33'WEB'	11.88 RT	483477.236	821919.197	911.91	MATCH
WEB22	206+12.20'WEB'	2.43 RT	483477.002	821905.350	912.48	BOC
WEB23	206+12.20'WEB'	1.93 RT	483477.362	821905.003	911.98	FL
WEB24	206+12.20'WEB'	10.00 LT	483485.947	821896.717	912.62	MATCH
WEB25	206+52.39'WEB'	11.90 RT	483498.100	821940.838	910.62	MATCH
WEB26	206+52.27'WEB'	2.46 RT	483504.814	821934.201	910.62	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
WEB27	206+50.46'WEB'	2.45 RT	483503.557	821932.893	910.68	MATCH
WEB28	206+50.42'WEB'	10.00 LT	483512.487	821924.213	911.01	MATCH
WEB29	205+22.90'WEB'	2.34 RT	483415.049	821841.035	915.94	BOC
WEB30	205+22.90'WEB'	1.84 RT	483415.409	821840.688	915.44	FL
WEB31	205+22.90'WEB'	10.00 LT	483423.929	821832.464	915.93	MATCH
WEB32	205+12.06'WEB'	11.92 RT	483400.628	821839.892	916.01	MATCH
WEB33	205+42.30'WEB'	21.52 RT	483414.726	821868.315	914.77	MATCH
WEB34	205+77.24'WEB'	21.42 RT	483439.057	821893.384	914.28	MATCH
WEB35	204+82.34'WEB'	11.77 RT	483380.096	821818.402	917.45	MATCH
WEB36	204+82.25'WEB'	6.82 RT	483383.594	821814.891	917.31	EP
WEB37	204+87.38'WEB'	6.90 RT	483387.096	821818.641	917.17	EP
WEB38	204+87.15'WEB'	11.81 RT	483383.408	821821.886	917.36	MATCH
WEB39	206+32.45'WEB'	11.95 RT	483484.221	821926.528	911.47	MATCH
WEB40	206+32.41'WEB'	6.91 RT	483487.813	821922.998	911.52	EP
WEB41	206+37.55'WEB'	6.86 RT	483491.419	821926.668	911.27	EP
WEB42	206+37.51'WEB'	11.81 RT	483487.831	821930.071	911.28	MATCH



















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



60631225P  
 G28-E



**REMOVALS LEGEND**


-  REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
-  REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
-  REMOVING CURB & GUTTER
-  REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
-  SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
-  REMOVING FENCE
-  REMOVING TREE (PAID AS CLEARING & GRUBBING)
-  REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
-  INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
-  REMOVE STREET LIGHT POLE & BASE
-  REMOVE ELECTRICAL HAND HOLE
-  REMOVING CONDUIT
-  REMOVE CABINET
-  REMOVE PULL BOXES
-  REMOVE STORM SEWER
-  REMOVING INLET
-  REMOVING CATCH BASINS
-  REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

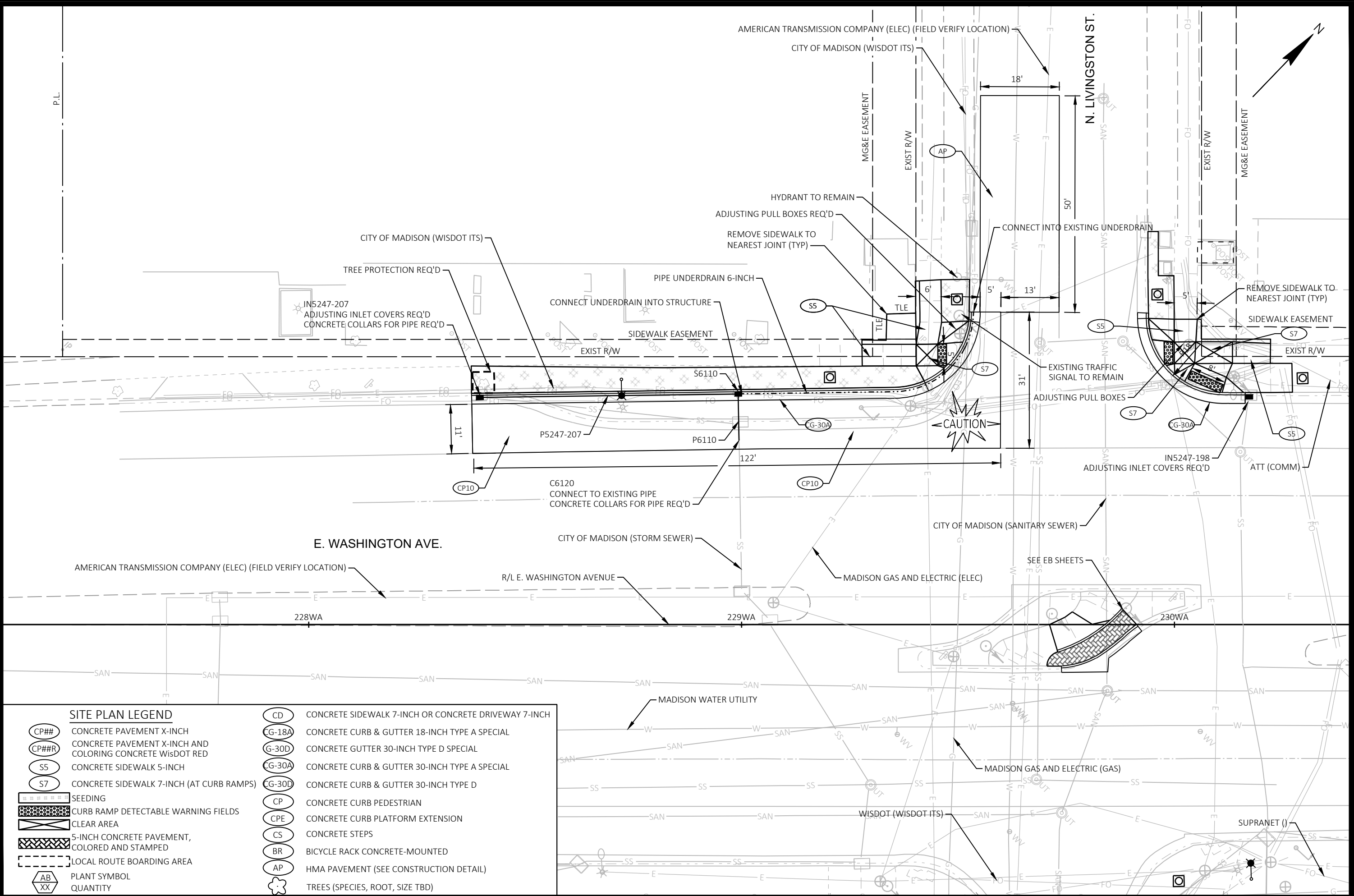
MARK	REVISION	DATE	BY

REMOVAL PLAN: WB E. WASHINGTON AVENUE AT LIVINGSTON STREET BUMPOUT 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

**CITY OF MADISON**



60631225P  
 R29-E



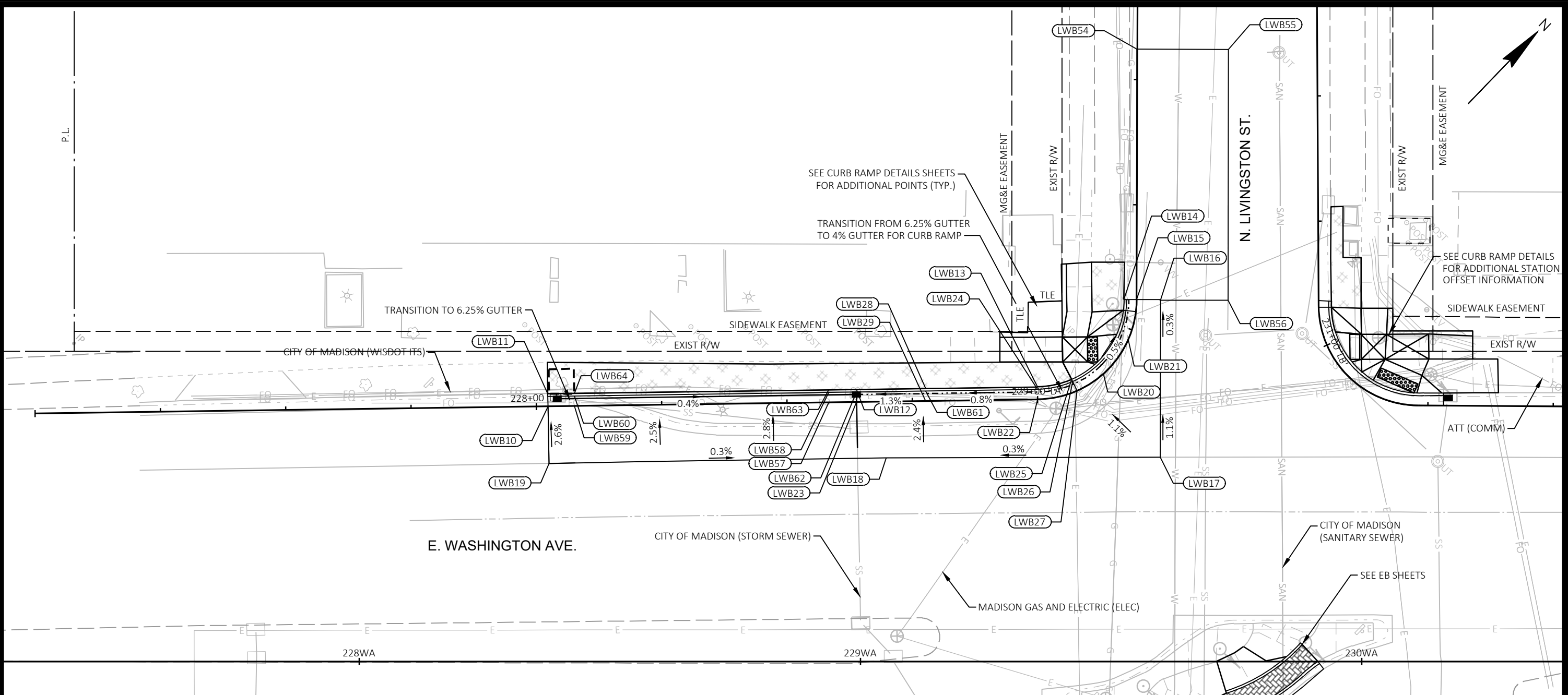
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			Scale: 1"=20 FT

SITE PLAN: WB E. WASHINGTON AVENUE AT LIVINGSTON STREET BUMPOUT 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

BUS RAPID TRANSIT  
**CITY OF MADISON**  
 60631225P  
**P29-E**

SITE PLAN LEGEND	
	CONCRETE PAVEMENT X-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)
	SEEDING
	CURB RAMP DETECTABLE WARNING FIELDS
	CLEAR AREA
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED
	LOCAL ROUTE BOARDING AREA
	PLANT SYMBOL
	QUANTITY
	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB PLATFORM EXTENSION
	CONCRETE STEPS
	BICYCLE RACK CONCRETE-MOUNTED
	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)





SEE CURB RAMP DETAILS SHEETS FOR ADDITIONAL POINTS (TYP.)

TRANSITION FROM 6.25% GUTTER TO 4% GUTTER FOR CURB RAMP

TRANSITION TO 6.25% GUTTER

SEE CURB RAMP DETAILS FOR ADDITIONAL STATION OFFSET INFORMATION

SIDEWALK EASEMENT

E. WASHINGTON AVE.

N. LIVINGSTON ST.

CITY OF MADISON (STORM SEWER)

CITY OF MADISON (SANITARY SEWER)

MADISON GAS AND ELECTRIC (ELEC)

SEE EB SHEETS

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LWB10	228+02.31 'LA'	0.00'	485092.33	823439.38	848.47	MATCH
LWB11	228+02.28 'LA'	2.50' LT	485094.09	823437.61	848.90	MATCH
LWB12	228+63.88 'LA'	2.50' LT	485137.39	823481.42	848.61	BOC
LWB13	229+00.00 'LA'	2.50' LT	485162.78	823507.12	848.87	BOC
LWB14	229+31.06 'LA'	2.50' LT	485187.30	823507.48	848.86	MATCH
LWB15	229+31.06 'LA'	0.00'	485189.03	823509.29	848.43	MATCH
LWB16	229+31.05 'LA'	4.81' RT	485192.34	823512.78	848.50	MATCH
LWB17	229+13.02 'LA'	20.09' RT	485169.62	823534.51	848.77	MATCH
LWB18	228+69.64 'LA'	11.23' RT	485131.67	823495.17	848.56	MATCH
LWB19	228+02.36 'LA'	11.39' RT	485084.26	823447.43	848.77	MATCH
LWB20	229+14.39 'LA'	0.00'	485173.78	823514.77	848.51	EOP

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LWB21	229+22.91 'LA'	0.00'	485182.16	823513.58	848.47	EOP
LWB22	229+00.00 'LA'	0.00'	485161.00	823508.88	848.50	EOP
LWB23	228+63.88 'LA'	0.00'	485135.61	823483.18	848.23	EOP
LWB24	229+00.00 'LA'	2.00' LT	485162.42	823507.47	848.37	FL
LWB25	229+08.08 'LA'	2.54' LT	485168.63	823510.98	848.96	BOC
LWB26	229+08.08 'LA'	2.00' LT	485168.42	823511.49	848.46	FL
LWB27	229+08.08 'LA'	0.00'	485167.67	823513.34	848.54	EOP H.P.
LWB28	228+77.66 'LA'	2.50' LT	485147.08	823491.23	848.69	BOC
LWB29	228+77.66 'LA'	0.00'	485145.30	823492.99	848.32	EOP
LWB54	229+81.06 'LA'	0.10' LT	485225.14	823474.72	0.00	MATCH
LWB55	229+81.10 'LA'	18.15' RT	485237.76	823487.90	0.00	MATCH

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LWB56	229+31.04 'LA'	18.25' RT	485201.59	823522.52	848.62	MATCH
LWB57	228+58.33 'LA'	0.00'	485131.71	823479.24	848.26	EOP
LWB58	228+58.33 'LA'	2.00' LT	485133.13	823477.83	848.13	FL
LWB59	228+07.61 'LA'	0.00'	485096.06	823443.16	848.46	EOP
LWB60	228+07.61 'LA'	2.00' LT	485097.48	823441.75	848.33	FL
LWB61	228+77.66 'LA'	2.00' LT	485146.72	823491.58	848.19	FL
LWB62	228+63.88 'LA'	2.00' LT	485137.03	823481.77	848.02	FL
LWB63	228+58.33 'LA'	2.50' LT	485133.49	823477.48	848.63	BOC
LWB64	228+07.61 'LA'	2.50' LT	485097.84	823441.40	848.84	BOC

GRADING PLAN: WB E. WASHINGTON AVENUE AT LIVINGSTON STREET BUMPOUT 60631225P

CITY OF MADISON, DANE COUNTY, WI

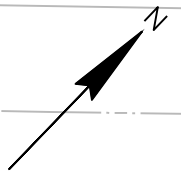
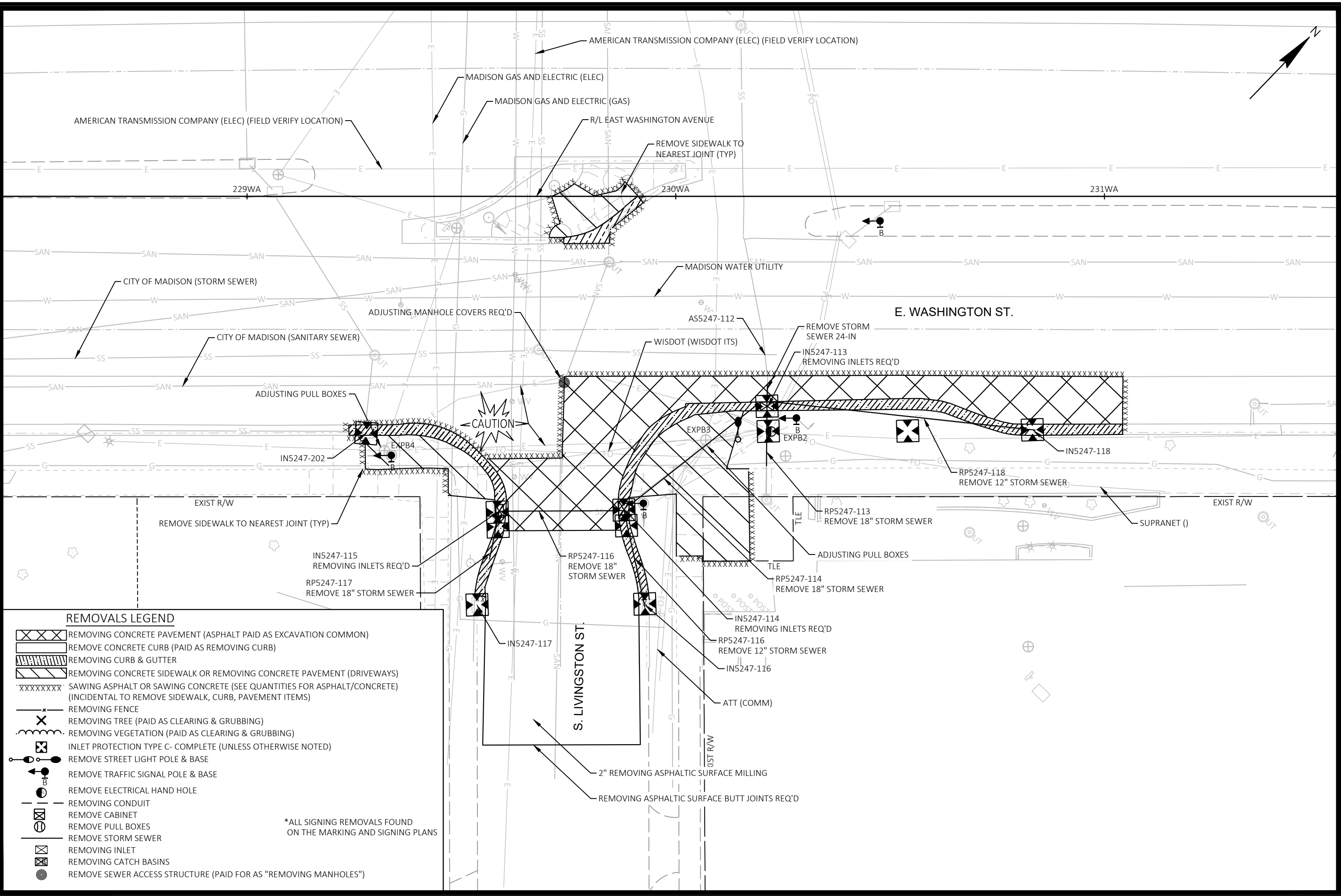
CONTRACT NO: 60631225C



60631225P

G29-E

MARK	REVISION	DATE	BY
60631225P	Designed By	2022-08-24	Scale: 1"=20 FT



MARK	REVISION	DATE	BY
60631225P	Designed By: stwmc	2022-07-29	Scale: 1"=20 FT

REMOVAL PLAN: EB E. WASHINGTON AVENUE AT LIVINGSTON STREET BUMPOUT 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CONTRACT NO: 60631225C

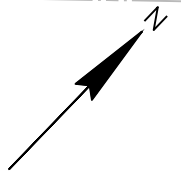
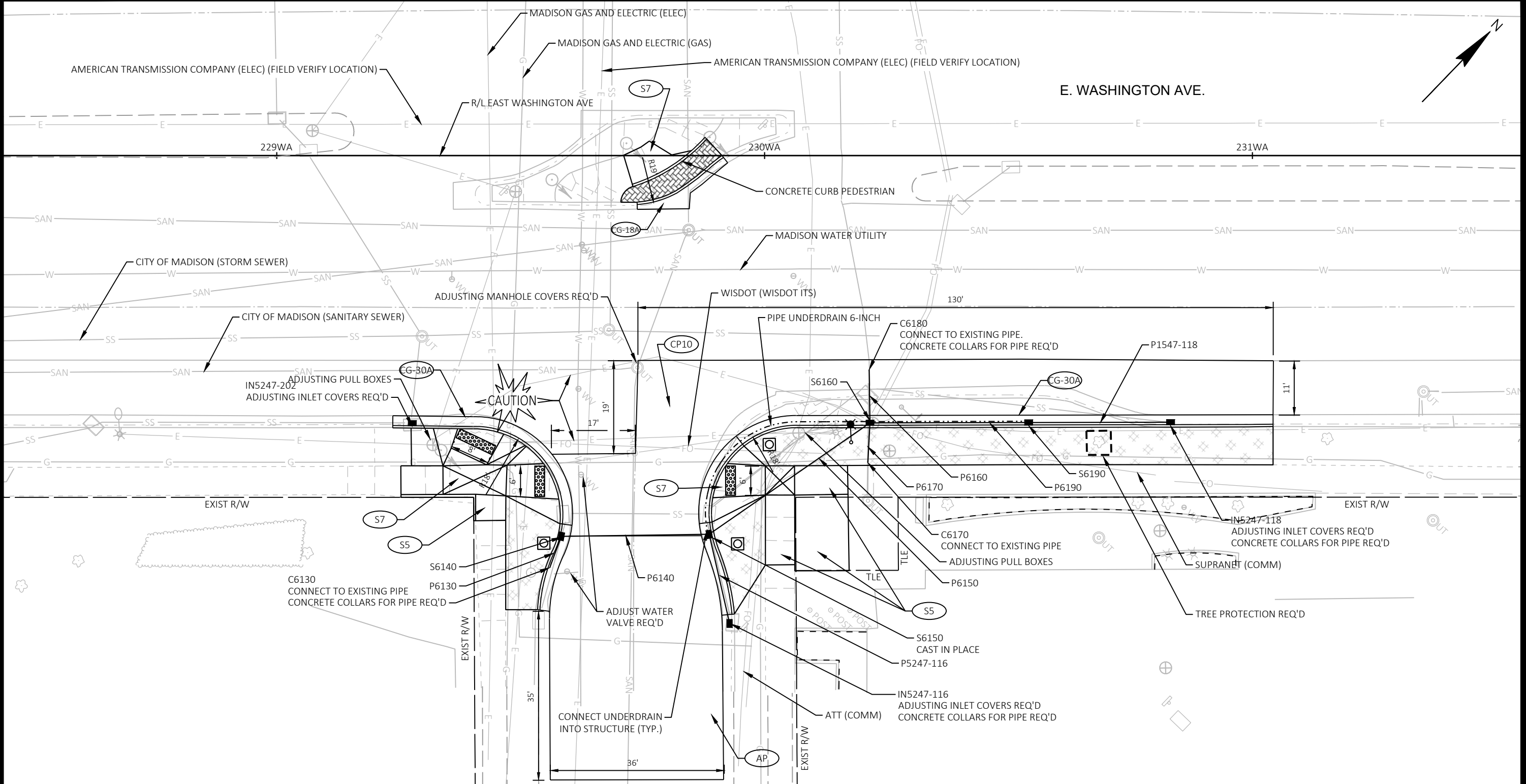


60631225P  
 R30-E

**REMOVALS LEGEND**

- REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
- REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
- REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
- SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
- REMOVING FENCE
- REMOVING TREE (PAID AS CLEARING & GRUBBING)
- REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
- INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
- REMOVE STREET LIGHT POLE & BASE
- REMOVE TRAFFIC SIGNAL POLE & BASE
- REMOVE ELECTRICAL HAND HOLE
- REMOVING CONDUIT
- REMOVE CABINET
- REMOVE PULL BOXES
- REMOVE STORM SEWER
- REMOVING INLET
- REMOVING CATCH BASINS
- REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS



MARK	REVISION	DATE	BY
60631225P	Designed By: stwmc	Date: 2022-08-25	Scale: 1"=20 FT

SITE PLAN: EB E. WASHINGTON AVENUE AT LIVINGSTON STREET BUMPOUT  
 BUS RAPID TRANSIT  
**CITY OF MADISON**  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 60631225P  
 P30-E

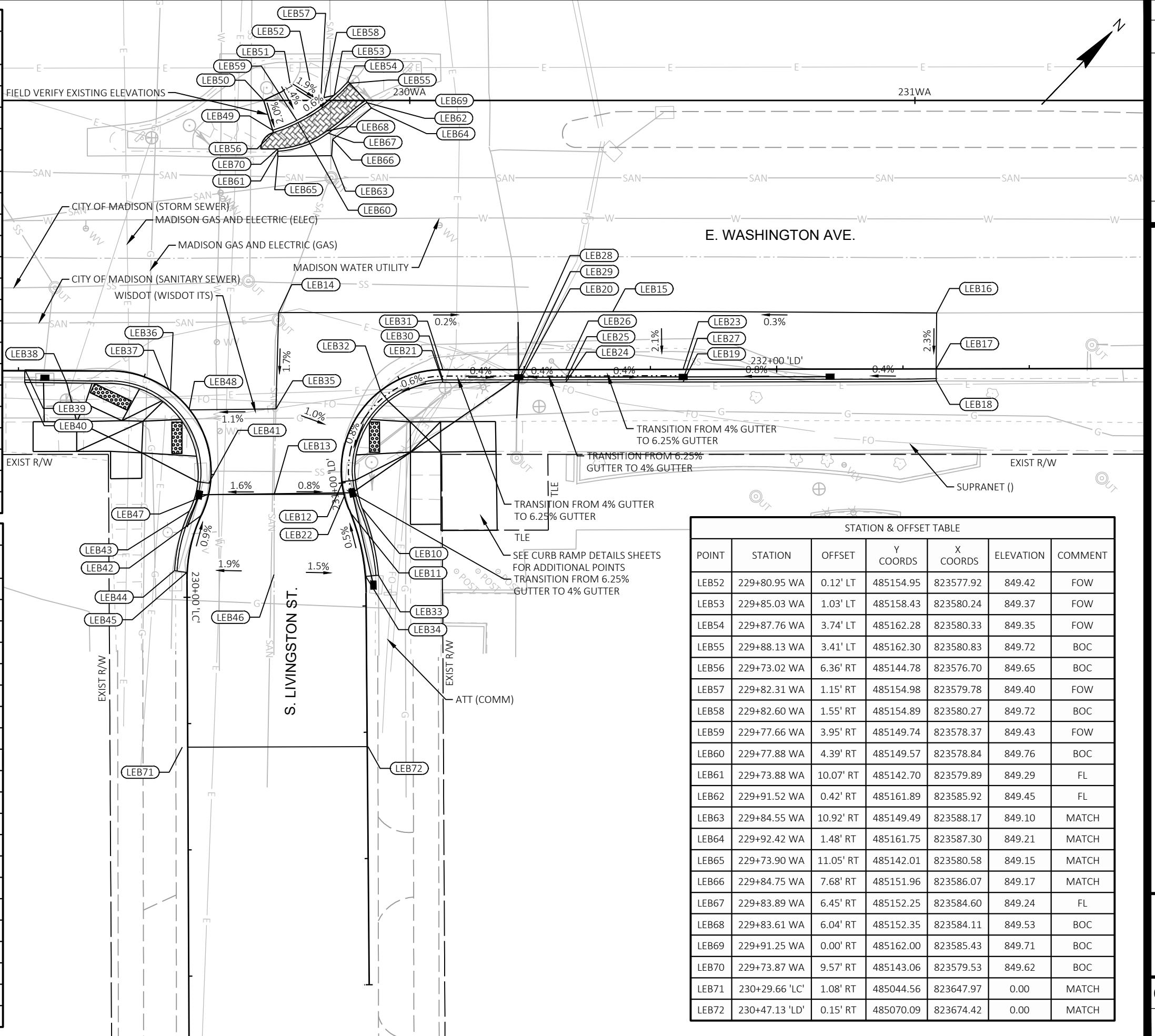
**SITE PLAN LEGEND**

	CONCRETE PAVEMENT X-INCH		CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED		CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
	CONCRETE SIDEWALK 5-INCH		CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)		CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	SEEDING		CONCRETE CURB & GUTTER 30-INCH TYPE D
	CURB RAMP DETECTABLE WARNING FIELDS		CONCRETE CURB PEDESTRIAN
	CLEAR AREA		CONCRETE CURB PLATFORM EXTENSION
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED		CONCRETE STEPS
	LOCAL ROUTE BOARDING AREA		BICYCLE RACK CONCRETE-MOUNTED
	PLANT SYMBOL		HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	QUANTITY		TREES (SPECIES, ROOT, SIZE TBD)

	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB PLATFORM EXTENSION
	CONCRETE STEPS
	BICYCLE RACK CONCRETE-MOUNTED
	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LEB10	230+93.89 'LD'	2.50' RT	485103.36	823640.80	848.79	BOC
LEB11	230+93.92 'LD'	0.00'	485101.10	823639.74	848.41	EOP L.P.
LEB12	231+00.23 'LD'	0.18' RT	485104.48	823634.47	848.41	EOP
LEB13	230+99.61 'LD'	13.59' LT	485093.27	823626.44	848.50	MID
LEB14	231+17.76 'LD'	25.07' LT	485119.81	823602.13	848.96	MATCH
LEB15	231+67.58 'LD'	11.46' LT	485165.79	823649.70	848.79	MATCH
LEB16	232+31.67 'LD'	11.07' LT	485210.00	823696.10	849.00	MATCH
LEB17	232+31.57 'LD'	0.00'	485201.96	823703.71	848.74	MATCH
LEB18	232+31.57 'LD'	2.39' RT	485200.23	823705.37	849.08	MATCH
LEB19	231+81.46 'LD'	2.50' RT	485165.38	823669.38	848.90	BOC
LEB20	231+48.93 'LD'	2.50' RT	485142.79	823645.97	848.94	BOC
LEB21	231+33.91 'LD'	2.50' RT	485132.37	823635.16	848.98	BOC
LEB22	230+97.68 'LD'	0.19' RT	485102.99	823636.51	848.37	EOP
LEB23	231+81.46 'LD'	0.00'	485167.17	823667.64	848.52	EOP L.P.
LEB24	231+58.20 'LD'	2.50' RT	485149.23	823652.64	848.96	BOC
LEB25	231+58.20 'LD'	2.00' RT	485149.59	823652.29	848.47	FL
LEB26	231+58.20 'LD'	0.00'	485151.03	823650.90	848.59	EOP H.P.
LEB27	231+81.46 'LD'	2.00' RT	485165.74	823669.03	848.40	FL
LEB28	231+48.93 'LD'	0.00' RT	485144.59	823644.23	848.56	EOP L.P.
LEB29	231+48.93 'LD'	2.00' RT	485143.15	823645.62	848.44	FL
LEB30	231+33.91 'LD'	2.00' RT	485132.73	823634.81	848.48	FL

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LEB31	231+33.91 'LD'	0.00' RT	485134.16	823633.42	848.61	EOP H.P.
LEB32	231+20.60 'LD'	0.09' RT	485122.55	823627.50	848.49	EOP
LEB33	230+80.86 'LD'	2.62' RT	485095.99	823652.39	848.86	MATCH
LEB34	230+80.84 'LD'	0.12' RT	485094.10	823650.76	848.47	MATCH
LEB35	231+09.51 'LD'	15.14' LT	485105.68	823614.96	848.63	MATCH
LEB36	229+56.00 'LC'	0.05' RT	485093.71	823597.52	848.51	MATCH
LEB37	229+55.70 'LC'	0.05' RT	485093.68	823597.22	848.51	MATCH
LEB38	229+34.55 'LC'	2.41' RT	485080.68	823581.54	849.10	BOC
LEB39	229+26.28 'LC'	0.18' LT	485076.84	823573.77	848.69	MATCH
LEB40	229+26.22 'LC'	2.31' RT	485075.00	823575.46	849.11	MATCH
LEB41	229+76.74 'LC'	0.27' RT	485085.90	823615.57	848.30	EOP
LEB42	229+83.39 'LC'	0.00' RT	485080.22	823618.88	848.33	EOP L.P.
LEB43	229+83.58 'LC'	2.49' RT	485079.22	823616.59	848.70	BOC
LEB44	229+94.87 'LC'	2.53' RT	485068.66	823622.65	848.78	MATCH
LEB45	229+95.07 'LC'	0.04' RT	485070.14	823624.67	848.43	MATCH
LEB46	229+94.10 'LC'	17.21' LT	485081.81	823637.38	848.76	MATCH
LEB47	229+79.05 'LC'	0.24' RT	485084.03	823616.87	848.28	EOP
LEB48	229+61.19 'LC'	0.06' RT	485093.65	823602.68	848.44	EOP
LEB49	229+72.87 'LC'	5.89' RT	485145.02	823576.26	849.47	FOW
LEB50	229+71.09 'LC'	0.05' LT	485148.07	823570.86	849.59	FOW
LEB51	229+76.38 'LC'	2.97' LT	485153.84	823572.66	849.52	FOW



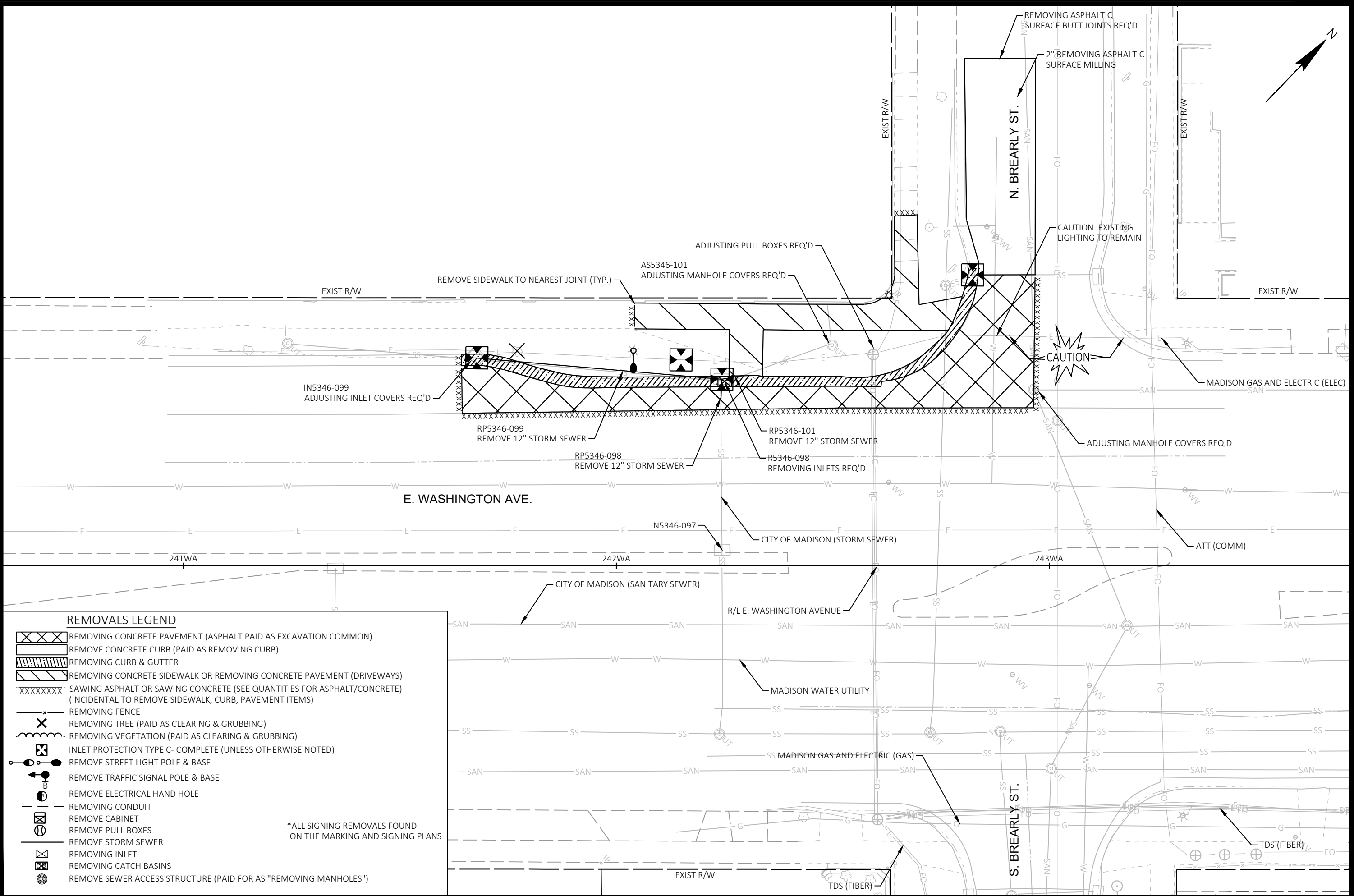
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
LEB52	229+80.95 'WA'	0.12' LT	485154.95	823577.92	849.42	FOW
LEB53	229+85.03 'WA'	1.03' LT	485158.43	823580.24	849.37	FOW
LEB54	229+87.76 'WA'	3.74' LT	485162.28	823580.33	849.35	FOW
LEB55	229+88.13 'WA'	3.41' LT	485162.30	823580.83	849.72	BOC
LEB56	229+73.02 'WA'	6.36' RT	485144.78	823576.70	849.65	BOC
LEB57	229+82.31 'WA'	1.15' RT	485154.98	823579.78	849.40	FOW
LEB58	229+82.60 'WA'	1.55' RT	485154.89	823580.27	849.72	BOC
LEB59	229+77.66 'WA'	3.95' RT	485149.74	823578.37	849.43	FOW
LEB60	229+77.88 'WA'	4.39' RT	485149.57	823578.84	849.76	BOC
LEB61	229+73.88 'WA'	10.07' RT	485142.70	823579.89	849.29	FL
LEB62	229+91.52 'WA'	0.42' RT	485161.89	823585.92	849.45	FL
LEB63	229+84.55 'WA'	10.92' RT	485149.49	823588.17	849.10	MATCH
LEB64	229+92.42 'WA'	1.48' RT	485161.75	823587.30	849.21	MATCH
LEB65	229+73.90 'WA'	11.05' RT	485142.01	823580.58	849.15	MATCH
LEB66	229+84.75 'WA'	7.68' RT	485151.96	823586.07	849.17	MATCH
LEB67	229+83.89 'WA'	6.45' RT	485152.25	823584.60	849.24	FL
LEB68	229+83.61 'WA'	6.04' RT	485152.35	823584.11	849.53	BOC
LEB69	229+91.25 'WA'	0.00' RT	485162.00	823585.43	849.71	BOC
LEB70	229+73.87 'WA'	9.57' RT	485143.06	823579.53	849.62	BOC
LEB71	230+29.66 'LC'	1.08' RT	485044.56	823647.97	0.00	MATCH
LEB72	230+47.13 'LD'	0.15' RT	485070.09	823674.42	0.00	MATCH

REVISION:   
 MARK:   
 Designed By: stwmc Date: 2022-07-29   
 Scale: 1"=20 FT   
 60631225P

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

60631225P   
**G30-E**

FILE NAME: C:\P\WORKING\AECOM\_DS20\_NA\_2019\CAR28015\07215\050282\_PN.DWG   
 LAYOUT NAME: 050282\_P1



**REMOVALS LEGEND**

- REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
- REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
- REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
- SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
- REMOVING FENCE
- REMOVING TREE (PAID AS CLEARING & GRUBBING)
- REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
- INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
- REMOVE STREET LIGHT POLE & BASE
- REMOVE TRAFFIC SIGNAL POLE & BASE
- REMOVE ELECTRICAL HAND HOLE
- REMOVING CONDUIT
- REMOVE CABINET
- REMOVE PULL BOXES
- REMOVE STORM SEWER
- REMOVING INLET
- REMOVING CATCH BASINS
- REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

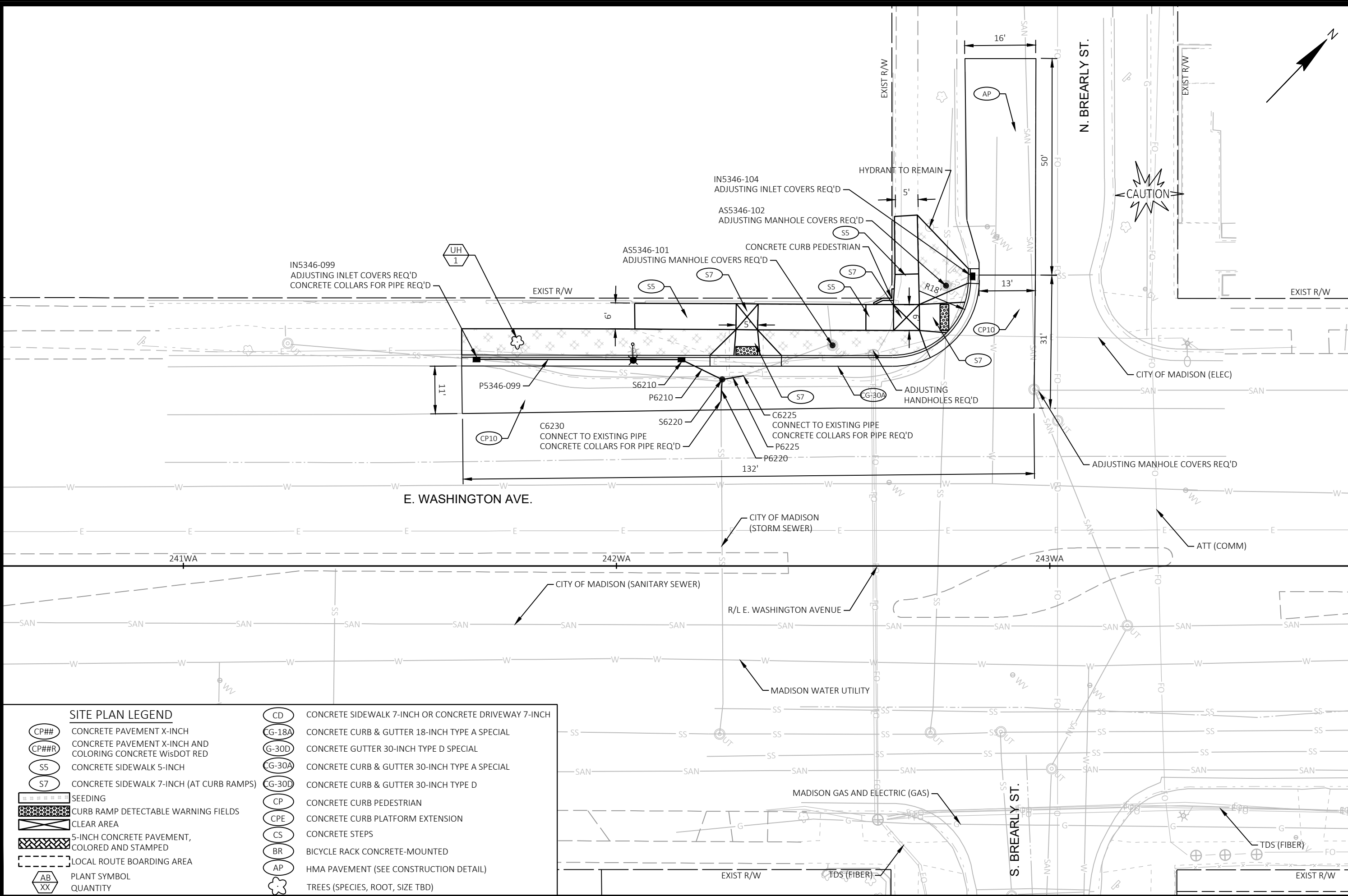
\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

MARK	REVISION	DATE	BY

Designed By: stmmw Date: 2022-07-29  
60631225P Scale: 1"=20 FT

REMOVAL PLAN: WB E. WASHINGTON AVENUE AT BREARLY STREET BUMPOUT 60631225P  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

  
 60631225P  
**R31-E**

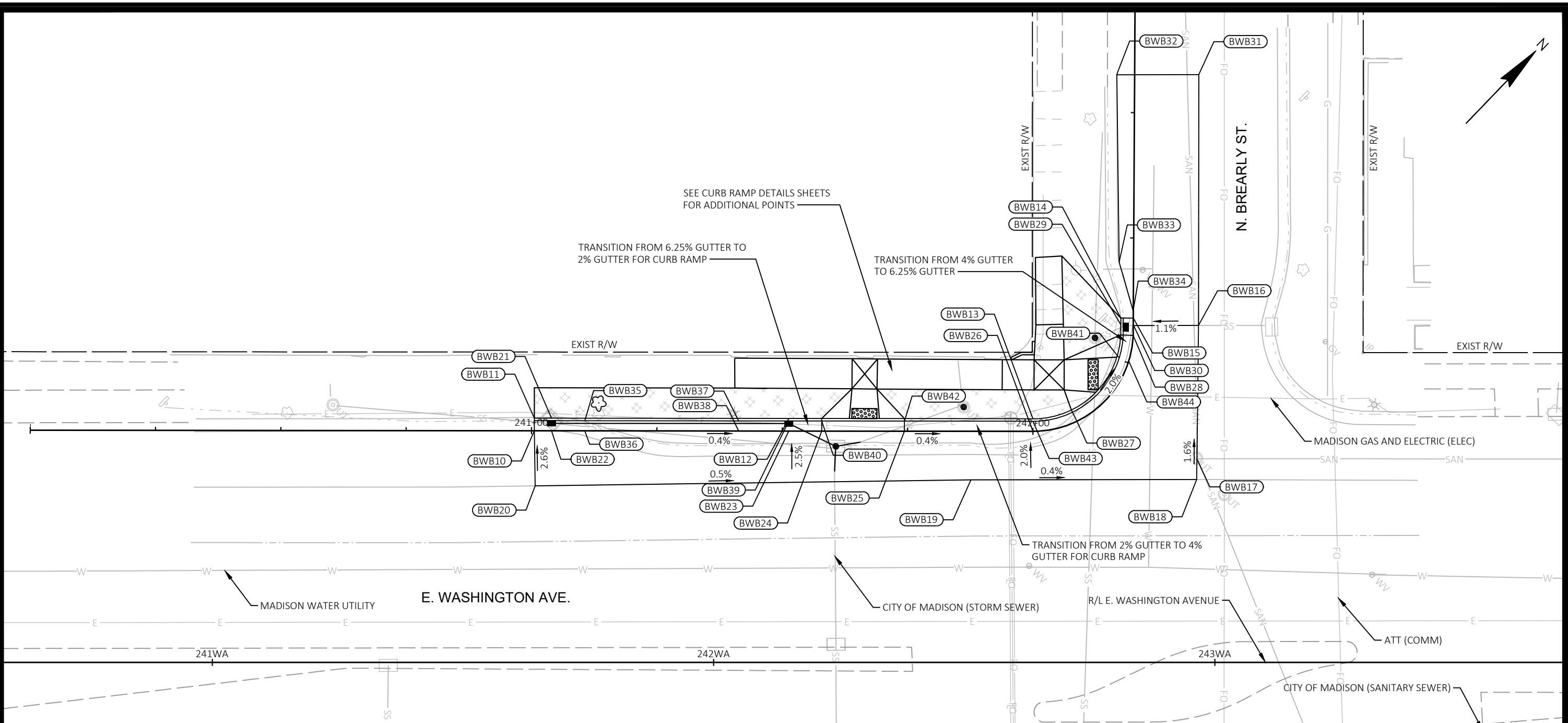


SITE PLAN LEGEND	
	CONCRETE PAVEMENT X-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)
	SEEDING
	CURB RAMP DETECTABLE WARNING FIELDS
	CLEAR AREA
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED
	LOCAL ROUTE BOARDING AREA
	PLANT SYMBOL
	QUANTITY
	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB PLATFORM EXTENSION
	CONCRETE STEPS
	BICYCLE RACK CONCRETE-MOUNTED
	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)

MARK	REVISION	DATE	BY
60631225P	Designed By: STRAND	Date: 2022-08-24	60631225P
Scale: 1"=20 FT			

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

CITY OF MADISON  
 60631225P  
 P31-E



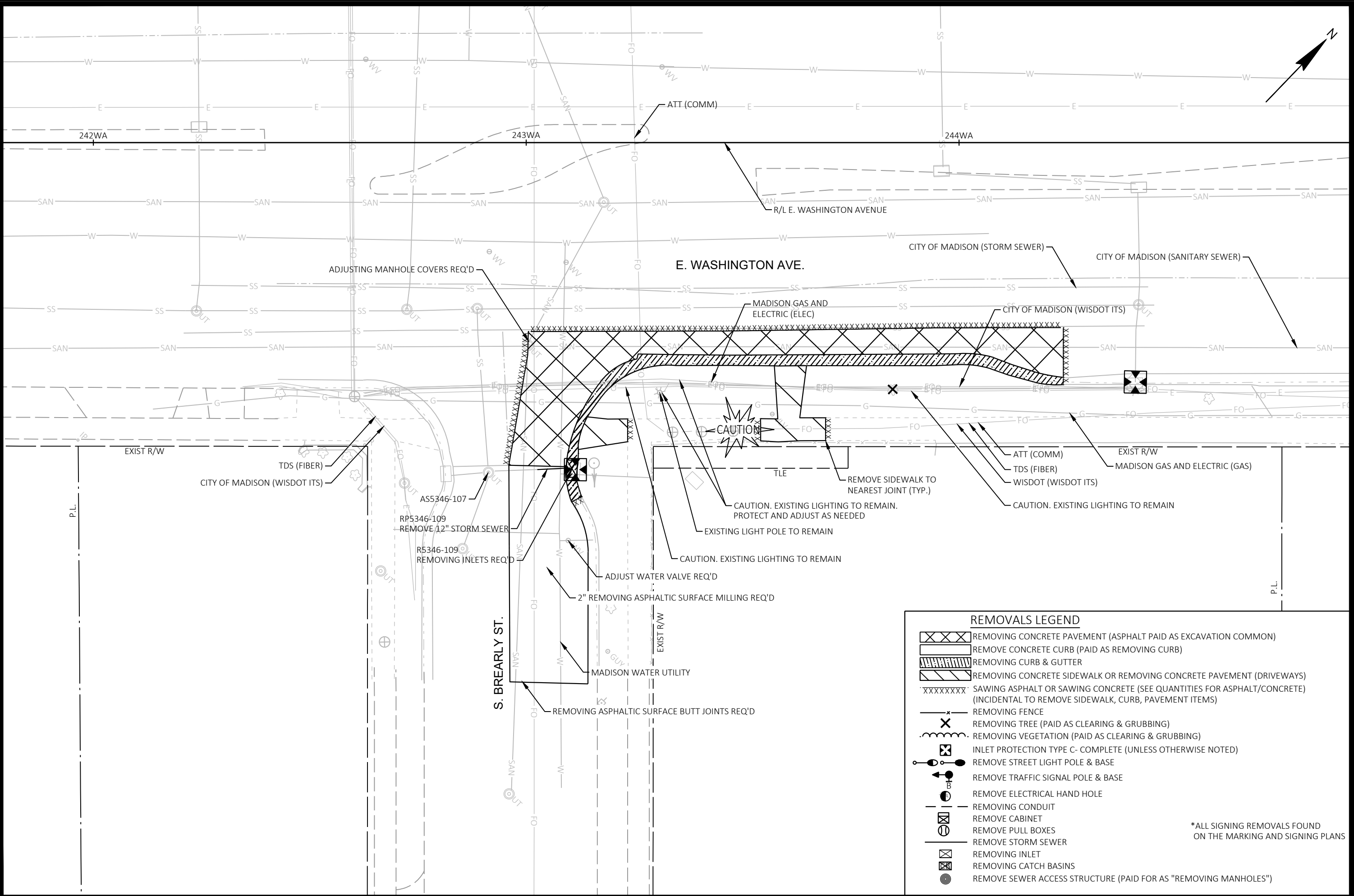
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BWB10	241+00.56 'BA'	0.00'	486008.00	824399.27	849.40	MATCH
BWB11	241+00.56 'BA'	2.50' LT	486009.80	824397.54	849.77	MATCH
BWB12	241+51.32 'BA'	2.50' LT	486044.93	824434.18	849.57	BOC
BWB13	242+00.00 'BA'	2.50' LT	486078.62	824469.32	849.38	BOC
BWB14	242+34.02 'BA'	2.50' LT	486105.26	824468.04	848.84	MATCH
BWB15	242+34.02 'BA'	0.00'	486106.98	824469.85	848.46	MATCH
BWB16	242+32.62 'BA'	13.01' RT	486114.93	824480.25	848.62	MATCH
BWB17	242+18.22 'BA'	21.34' RT	486095.56	824498.32	849.03	MATCH
BWB18	242+16.70 'BA'	24.08' RT	486092.51	824501.27	849.10	MATCH
BWB19	241+87.66 'BA'	9.68' RT	486061.29	824468.84	849.29	MATCH
BWB20	241+00.73 'BA'	10.99' RT	486000.18	824407.00	849.68	MATCH
BWB21	241+03.98 'BA'	2.50' LT	486012.17	824401.74	849.76	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BWB22	241+03.98 'BA'	0.00'	486010.36	824401.74	849.39	EOP
BWB23	241+51.32 'BA'	0.00'	486043.13	824435.91	849.20	EOP
BWB24	241+57.89 'BA'	0.00'	486047.67	824440.66	849.17	EOP
BWB25	241+74.39 'BA'	0.00' LT	486059.09	824452.57	849.10	EOP
BWB26	242+00.00 'BA'	0.00'	486076.82	824471.05	849.00	EOP
BWB27	242+09.10 'BA'	0.00'	486084.36	824475.98	848.86	EOP
BWB28	242+30.56 'BA'	0.00'	486104.46	824472.22	848.52	EOP
BWB29	242+32.67 'BA'	2.50' LT	486104.28	824468.97	848.86	BOC
BWB30	242+32.67 'BA'	0.00'	486106.01	824470.78	848.48	EOP
BWB31	242+35.62 'BA'	13.02' RT	486151.07	824445.64	849.15	MATCH
BWB32	242+35.54 'BA'	0.05' LT	486139.66	824433.86	849.93	MATCH
BWB33	242+45.15 'BA'	2.88' LT	486113.06	824460.10	848.47	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
BWB34	242+35.52 'BA'	0.02' LT	486108.05	824468.80	848.46	MATCH
BWB35	241+10.61 'BA'	2.00' LT	486016.40	824405.14	849.24	FL
BWB36	241+10.63 'BA'	0.00'	486014.96	824406.54	849.36	EOP
BWB37	241+41.32 'BA'	2.00' LT	486037.65	824427.31	849.04	FL
BWB38	241+41.32 'BA'	0.00'	486036.21	824428.69	849.24	EOP
BWB39	241+51.32 'BA'	2.00' LT	486044.57	824434.53	848.98	FL
BWB40	241+57.89 'BA'	2.00' LT	486049.12	824439.27	849.09	FL
BWB41	242+25.41 'BA'	2.00' LT	486099.31	824473.31	848.52	FL
BWB42	241+74.39 'BA'	2.00' LT	486060.54	824451.18	849.10	FL
BWB43	242+00.00 'BA'	2.00' LT	486078.26	824469.67	848.96	FL
BWB44	242+25.41 'BA'	0.00'	486100.20	824475.09	848.63	EOP

MARK	REVISION	DATE	BY	
Designed By: stmmw	Date: 2022-07-29			Scale: 1"=20 FT
<b>GRADING PLAN: WB E. WASHINGTON AVENUE AT BREARLY STREET BUMPOUT</b>				
<b>CITY OF MADISON</b>				
<b>BUS RAPID TRANSIT</b>				
<b>CONTRACT NO: 60631225C</b>				
<b>60631225P</b>				
<b>G31-E</b>				

FILE NAME: C:\P\WORKING\AECOM\_LDS20\_NA\_2019\CAR28015\0107215\050285\_P\N.DWG  
 LAST PLOT DATE: 2022-07-29  
 LAYOUT NAME: 050285\_PJT



REMOVALS LEGEND	
	REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
	REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
	REMOVING CURB & GUTTER
	REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
	SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
	REMOVING FENCE
	REMOVING TREE (PAID AS CLEARING & GRUBBING)
	REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
	INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
	REMOVE STREET LIGHT POLE & BASE
	REMOVE TRAFFIC SIGNAL POLE & BASE
	REMOVE ELECTRICAL HAND HOLE
	REMOVING CONDUIT
	REMOVE CABINET
	REMOVE PULL BOXES
	REMOVE STORM SEWER
	REMOVING INLET
	REMOVING CATCH BASINS
	REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

MARK	REVISION	DATE	BY

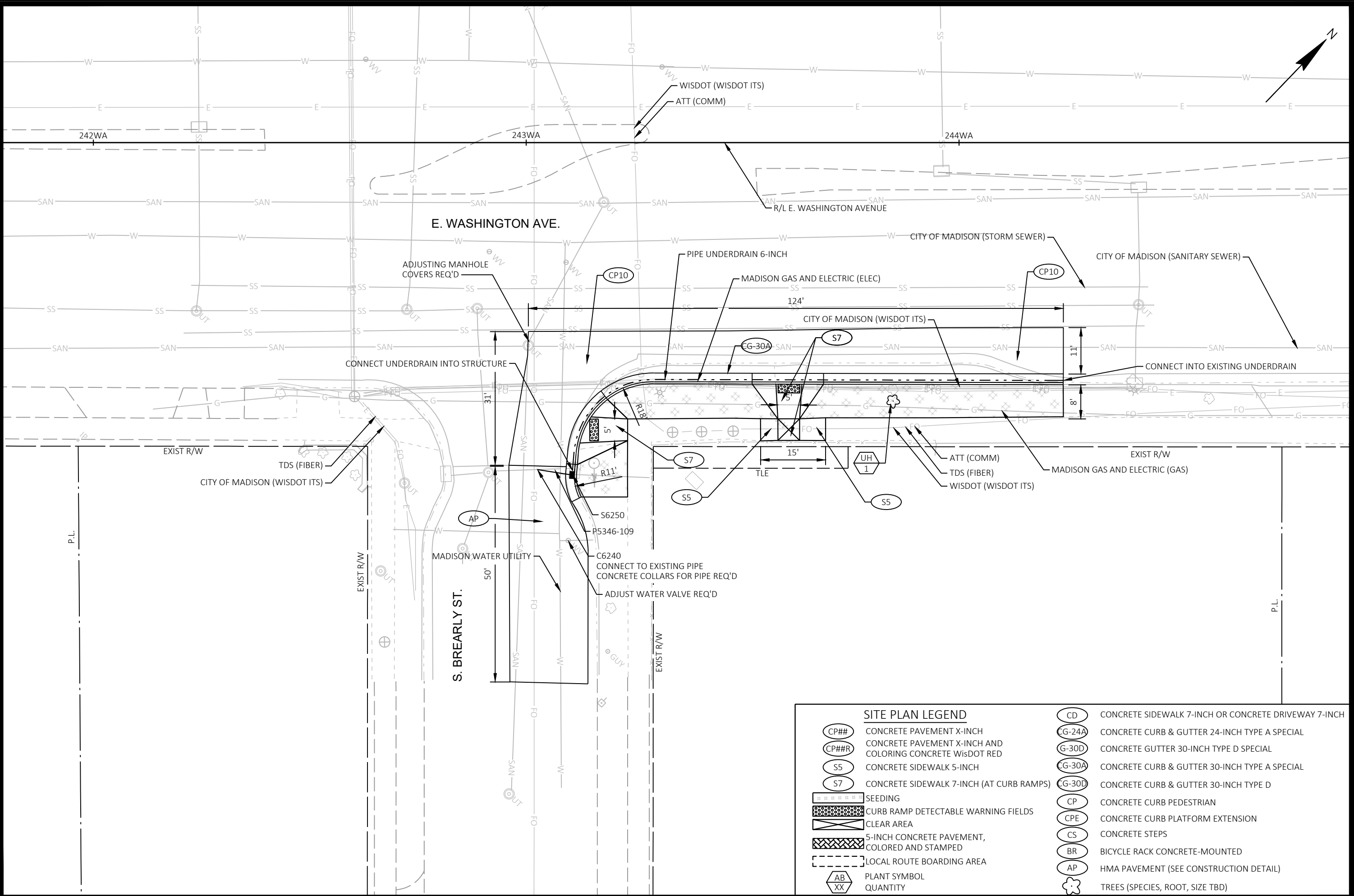
Designed By: stmmc Date: 2022-07-29  
60631225P Scale: 1"=20 FT

REMOVAL PLAN: EB E. WASHINGTON AVENUE AT BREARLY STREET BUMPOUT 60631225P  
 BUS RAPID TRANSIT  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
 R32-E





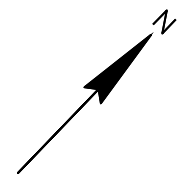
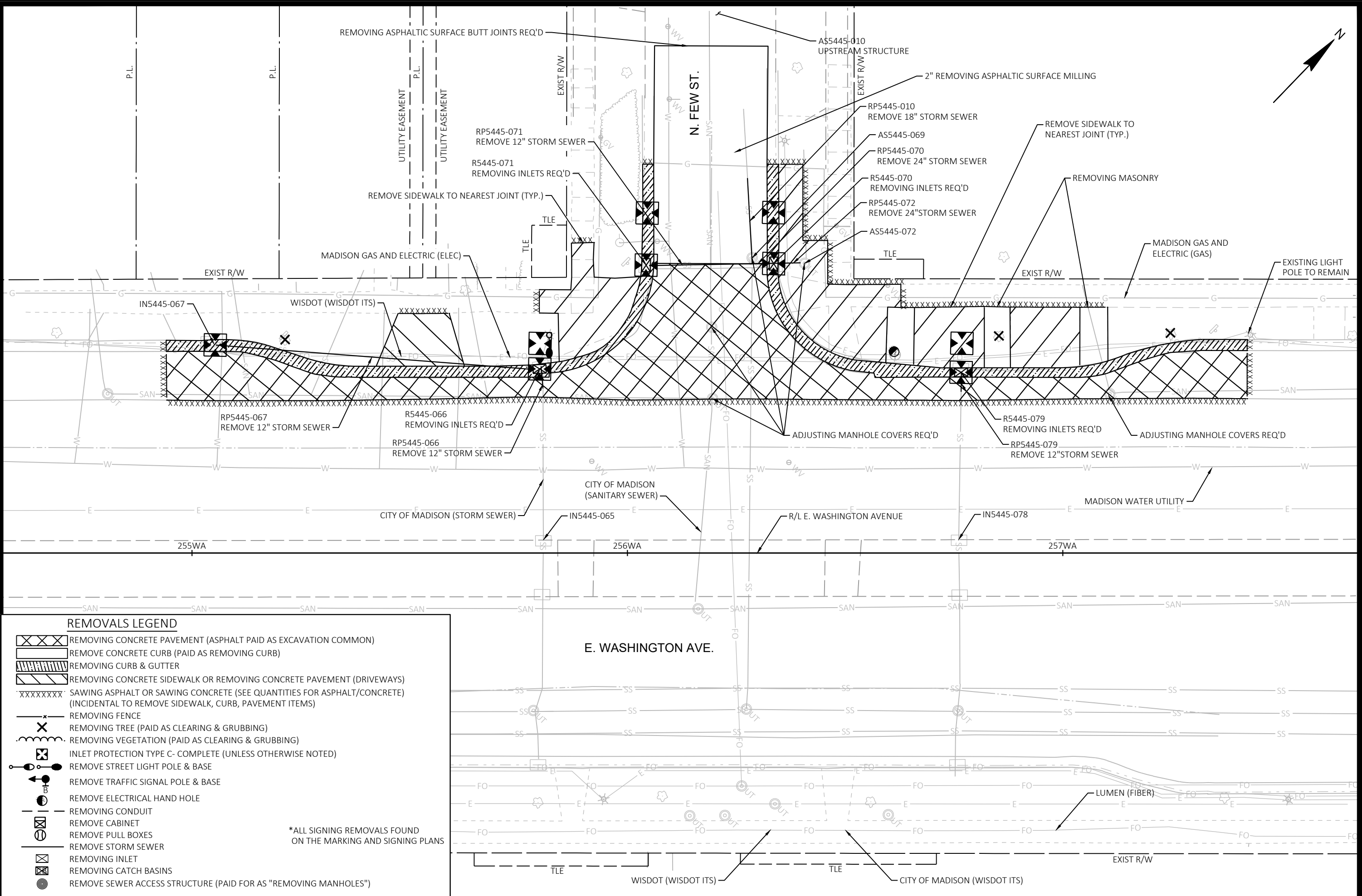
SITE PLAN LEGEND	
	CONCRETE PAVEMENT X-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)
	SEEDING
	CURB RAMP DETECTABLE WARNING FIELDS
	CLEAR AREA
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED
	LOCAL ROUTE BOARDING AREA
	PLANT SYMBOL
	QUANTITY
	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL
	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB PLATFORM EXTENSION
	CONCRETE STEPS
	BICYCLE RACK CONCRETE-MOUNTED
	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)

MARK	REVISION	DATE	BY
Designed By: stmmc	Date: 2022-07-29		
60631225P			Scale: 1"=20 FT




















SITE PLAN: EB E. WASHINGTON AVENUE AT BREARLY STREET BUMPOUT  
 BUS RAPID TRANSIT  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

CITY OF MADISON  
 60631225P  
 P32-E





**REMOVALS LEGEND**

-  REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
-  REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
-  REMOVING CURB & GUTTER
-  REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
-  SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
-  REMOVING FENCE
-  REMOVING TREE (PAID AS CLEARING & GRUBBING)
-  REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
-  INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
-  REMOVE STREET LIGHT POLE & BASE
-  REMOVE TRAFFIC SIGNAL POLE & BASE
-  REMOVE ELECTRICAL HAND HOLE
-  REMOVING CONDUIT
-  REMOVE CABINET
-  REMOVE PULL BOXES
-  REMOVE STORM SEWER
-  REMOVING INLET
-  REMOVING CATCH BASINS
-  REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

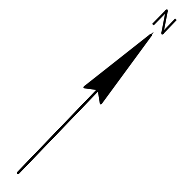
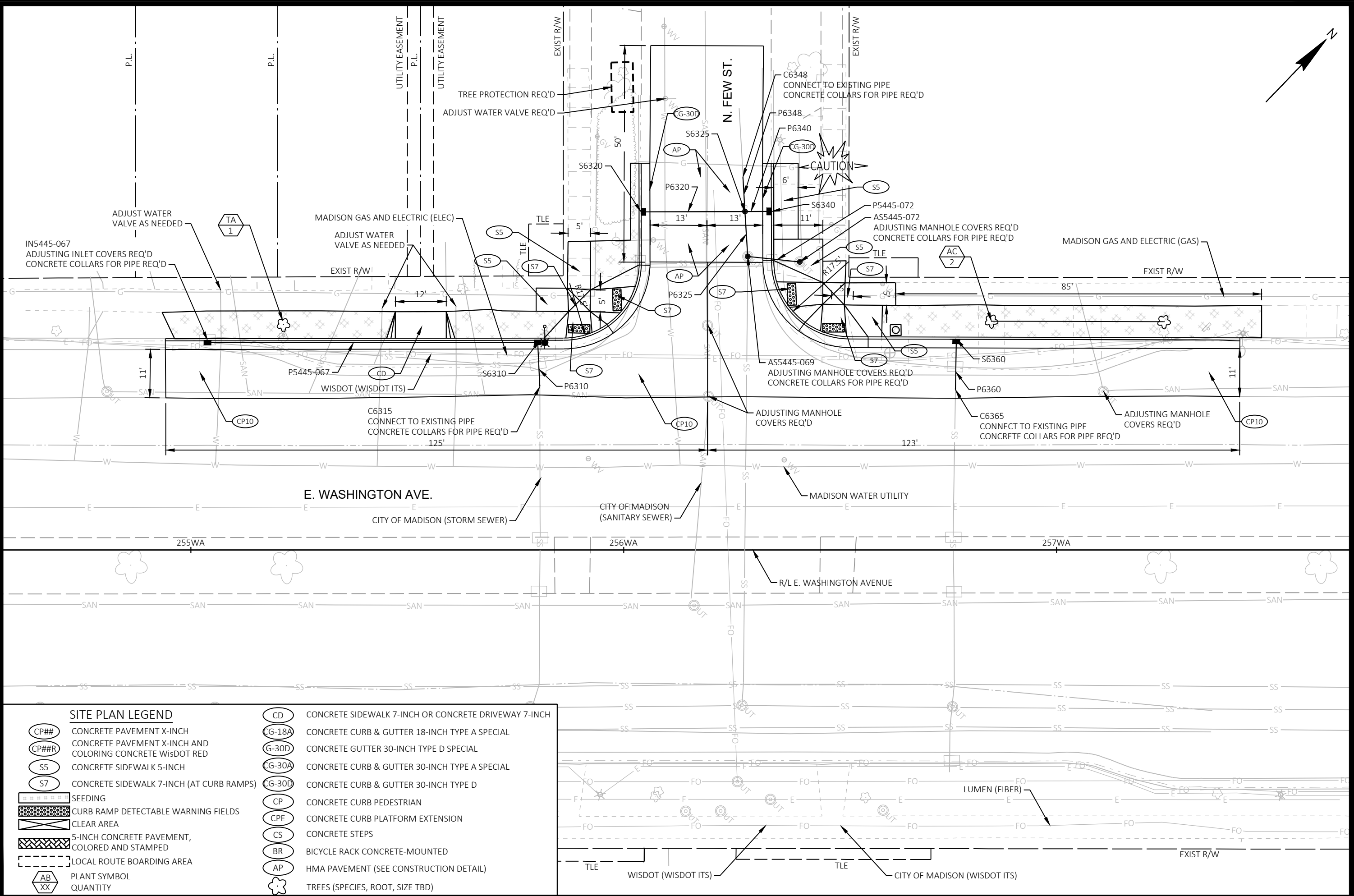
\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

MARK	REVISION	DATE	BY
	Designed By: stmmc	Date: 2022-07-29	60631225P
			Scale: 1"=20 FT

REMOVAL PLAN: WB E. WASHINGTON AVENUE AT N. FEW STREET BUMPOUT 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C



60631225P  
R33-E



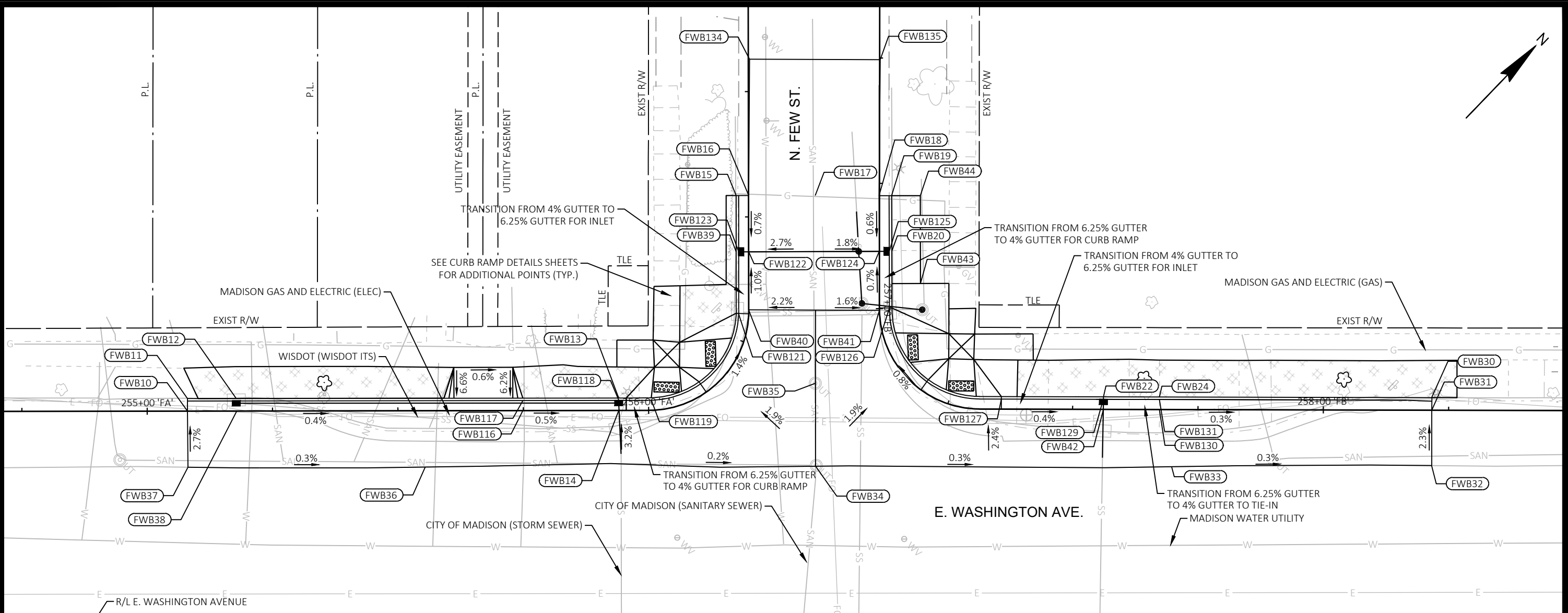
MARK	REVISION	DATE	BY
60631225P	Designed By: stmmw	Date: 2022-08-25	Scale: 1"=20 FT

SITE PLAN: WB E. WASHINGTON AVENUE AT N. FEW STREET BUMPOUT  
 BUS RAPID TRANSIT  
**CITY OF MADISON**  
 60631225P  
 P33-E

**SITE PLAN LEGEND**

- |   |  |
|---|--|
| CONCRETE PAVEMENT X-INCH                                  | CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH |
| CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED | CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL        |
| CONCRETE SIDEWALK 5-INCH                                  | CONCRETE GUTTER 30-INCH TYPE D SPECIAL               |
| CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)                  | CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL        |
| SEEDING   | CONCRETE CURB & GUTTER 30-INCH TYPE D                |
| CURB RAMP DETECTABLE WARNING FIELDS                       | CONCRETE CURB PEDESTRIAN                             |
| CLEAR AREA  | CONCRETE CURB PLATFORM EXTENSION                     |
| 5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED             | CONCRETE STEPS                                       |
| LOCAL ROUTE BOARDING AREA                                 | BICYCLE RACK CONCRETE-MOUNTED                        |
| PLANT SYMBOL QUANTITY                                     | HMA PAVEMENT (SEE CONSTRUCTION DETAIL)               |
|   | TREES (SPECIES, ROOT, SIZE TBD)                      |

FILE NAME: C:\P\WORKING\AECOM\_D520\_NA\_2019\LYN21141\0107215\050290\_PN.DWG  
 LAYOUT NAME: 050290\_PN



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB10	255+08.01 'FA'	0.00'	486929.48	825358.14	850.51	MATCH
FWB11	255+08.02 'FA'	2.50' LT	486931.28	825356.40	850.88	MATCH
FWB12	255+17.75 'FA'	2.50' LT	486938.04	825363.42	850.85	BOC
FWB13	255+94.05 'FA'	2.50' LT	486990.98	825418.36	850.48	BOC
FWB14	255+94.05 'FA'	0.00'	486989.18	825420.09	850.10	EOP
FWB15	256+54.28 'FA'	2.47' LT	487036.33	825407.26	850.01	MATCH
FWB16	256+54.27 'FA'	0.03' RT	487038.06	825409.06	849.64	MATCH
FWB17	256+77.45 'FB'	12.82' RT	487047.25	825418.64	849.97	MATCH
FWB18	256+77.46 'FB'	0.08' RT	487056.06	825427.84	849.76	MATCH
FWB19	256+77.45 'FB'	2.42' LT	487057.80	825429.64	850.12	MATCH
FWB20	256+88.55 'FB'	2.46' LT	487049.81	825437.35	850.07	BOC
FWB22	257+56.14 'FB'	2.50' LT	487058.14	825487.93	850.29	BOC
FWB24	257+67.32 'FB'	2.50' LT	487065.86	825496.00	850.36	BOC
FWB30	258+21.61 'FB'	2.50' LT	487103.37	825535.25	850.14	MATCH
FWB31	258+21.66 'FB'	0.00'	487101.60	825537.01	849.73	MATCH
FWB32	258+21.66 'FB'	11.05' RT	487093.61	825544.64	849.98	MATCH
FWB33	257+69.78 'FB'	11.40' RT	487057.51	825507.39	850.15	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB34	257+15.31 'FB'	25.36' RT	487008.36	825456.08	850.36	MATCH
FWB35	256+23.13 'FA'	16.34' RT	487020.25	825444.61	850.05	PVMT
FWB36	255+55.43 'FA'	11.22' RT	486954.30	825400.06	850.65	MATCH
FWB37	255+08.10 'FA'	11.20' RT	486921.48	825365.97	850.81	MATCH
FWB38	255+17.86 'FA'	0.00'	486936.31	825365.23	850.47	EOP
FWB39	256+43.05 'FA'	2.49' LT	487028.24	825415.04	849.90	BOC
FWB40	256+43.05 'FA'	0.01' RT	487021.59	825424.90	849.68	EOP
FWB41	257+00.33 'FB'	0.00'	487039.61	825443.73	849.78	EOP
FWB42	257+56.14 'FB'	0.00'	487056.33	825489.65	849.92	EOP
FWB43	256+94.95 'FB'	8.19' LT	487049.15	825445.92	850.25	MATCH
FWB44	256+77.45 'FB'	8.16' LT	487061.77	825433.79	850.25	MATCH
FWB116	255+74.92 'FA'	0.00'	486975.90	825406.31	850.24	EOP
FWB117	255+74.92 'FA'	2.00' LT	486977.34	825404.93	850.12	FL
FWB118	255+94.08 'FA'	1.98' LT	486990.62	825418.74	849.89	FL
FWB119	256+00.63 'FA'	2.00' LT	486995.15	825423.39	850.01	FL
FWB121	256+30.68 'FA'	2.00' LT	487019.71	825423.91	849.61	FL
FWB122	256+43.05 'FA'	0.01' RT	487029.97	825416.84	849.56	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB123	256+43.05 'FA'	1.98' LT	487028.59	825415.40	849.34	FL
FWB124	256+88.56 'FB'	0.04' RT	487048.07	825435.55	849.69	EOP
FWB125	256+88.55 'FB'	1.97' LT	487049.47	825437.00	849.47	FL
FWB126	256+99.86 'FB'	2.00' LT	487041.32	825444.85	849.69	FL
FWB127	257+35.78 'FB'	2.00' LT	487043.70	825473.55	849.92	FL
FWB129	257+56.11 'FB'	2.00' LT	487057.75	825488.25	849.70	FL
FWB130	257+67.31 'FB'	0.00'	487064.05	825497.73	849.95	EOP
FWB131	257+67.31 'FB'	2.00' LT	487065.49	825496.35	849.87	FL
FWB134	256+81.46 'FA'	0.26' RT	487057.80	825390.36	0.00	MATCH
FWB135	256+50.33 'FB'	0.13' LT	487075.79	825409.22	0.00	MATCH

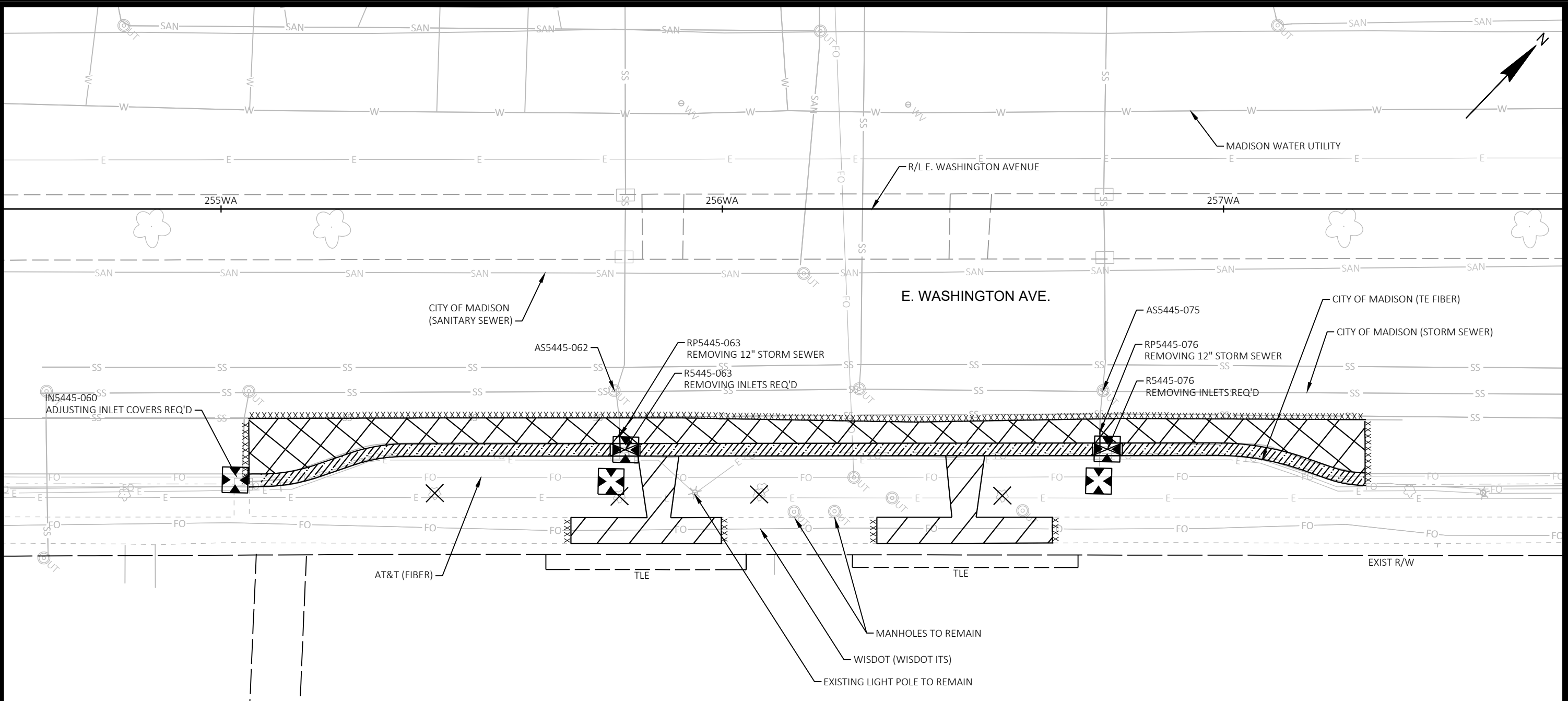
REVISION  
 DATE  
 BY  
 Scale: 1"=20 FT  
 60631225P

**60631225P**  
**GRADING PLAN: WB E. WASHINGTON AVENUE AT N. FEW STREET BUMPOUT**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**

**CITY OF MADISON**  
**BUS RAPID TRANSIT**

**60631225P**  
**G33-E**

FILE NAME: C:\PWORKING\AECOM\_D520\_NA\_2019\LYN21141\00107215\050291\_IPN.DWG  
 LAST PLOT DATE: 2022-08-01  
 LAYOUT NAME: 050291\_IPN



MARK	REVISION	DATE	BY
60631225P	Designed By: stmmw	Date: 2022-08-26	
			Scale: 1"=20 FT

60631225P  
 REMOVAL PLAN: EB E. WASHINGTON AVENUE AT N. FEW STREET  
 CITY OF MADISON, DANE COUNTY, WI  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C

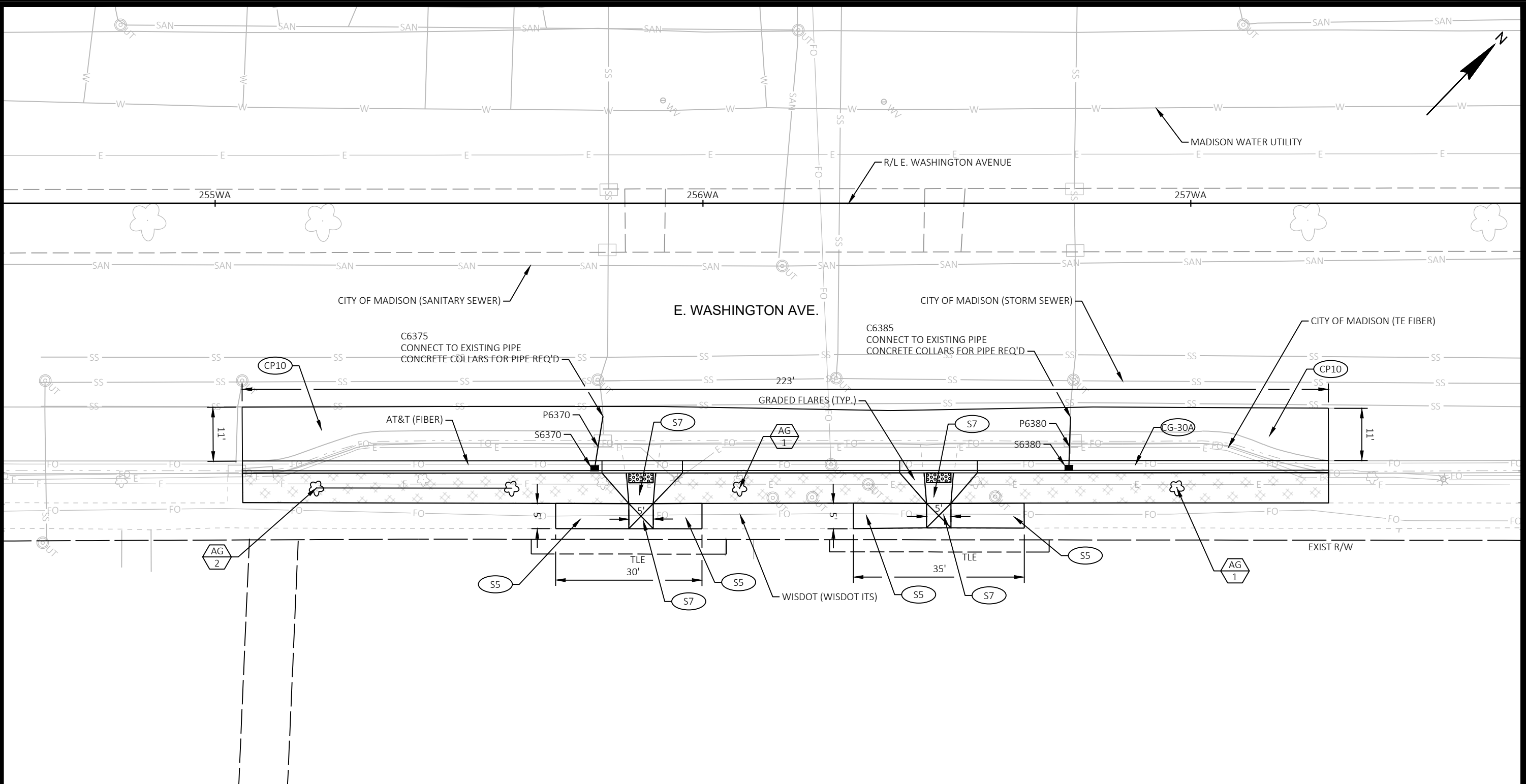
**REMOVALS LEGEND**

- REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
- REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
- REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
- SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
- REMOVING FENCE
- REMOVING TREE (PAID AS CLEARING & GRUBBING)
- REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
- INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
- REMOVE STREET LIGHT POLE & BASE
- REMOVE TRAFFIC SIGNAL POLE & BASE
- REMOVE ELECTRICAL HAND HOLE
- REMOVING CONDUIT
- REMOVE CABINET
- REMOVE PULL BOXES
- REMOVE STORM SEWER
- REMOVING INLET
- REMOVING CATCH BASINS
- REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS



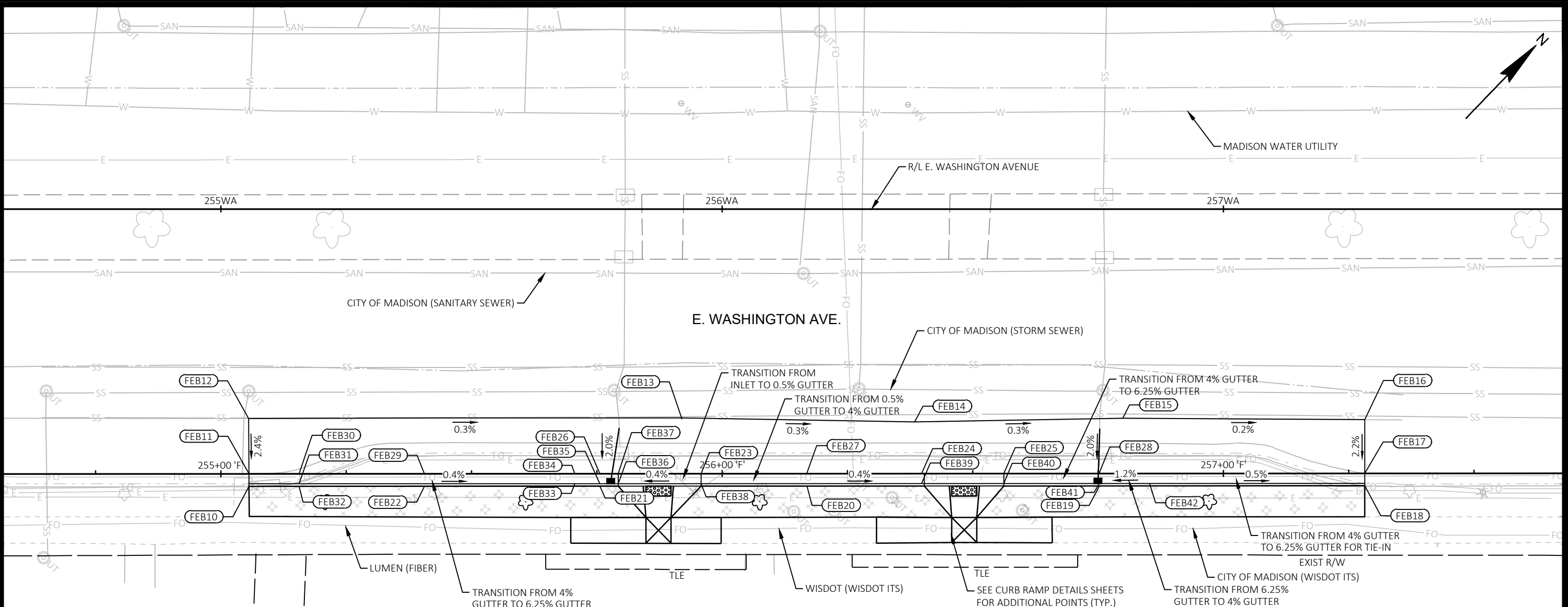
60631225P  
**R34-E**



MARK	REVISION	DATE	BY
60631225P	Designed By: stmw Date: 2022-08-25		
		Scale: 1"=20 FT	

60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 60631225P  
 P34-E

SITE PLAN LEGEND			
	CONCRETE PAVEMENT X-INCH		CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED		CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
	CONCRETE SIDEWALK 5-INCH		CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)		CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	SEEDING		CONCRETE CURB & GUTTER 30-INCH TYPE D
	CURB RAMP DETECTABLE WARNING FIELDS		CONCRETE CURB PEDESTRIAN
	CLEAR AREA		CONCRETE CURB PLATFORM EXTENSION
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED		CONCRETE STEPS
	LOCAL ROUTE BOARDING AREA		BICYCLE RACK CONCRETE-MOUNTED
	PLANT SYMBOL QUANTITY		HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
			TREES (SPECIES, ROOT, SIZE TBD)



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB10	255+05.60 'F'	2.50' RT	486864.16	825436.87	850.66	MATCH
FEB11	255+05.59 'F'	0.00'	486865.96	825435.13	850.26	MATCH
FEB12	255+05.53 'F'	11.06' LT	486873.88	825427.42	850.52	MATCH
FEB13	255+91.98 'F'	10.86' LT	486933.67	825489.86	850.22	MATCH
FEB14	256+38.43 'F'	10.29' LT	486965.45	825523.74	850.08	MATCH
FEB15	256+79.97 'F'	10.99' LT	486994.75	825553.20	849.95	MATCH
FEB16	257+28.19 'F'	10.73' LT	487027.99	825588.14	849.84	MATCH
FEB17	257+28.20 'F'	0.00'	487020.26	825595.58	849.61	MATCH
FEB18	257+28.20 'F'	2.50' RT	487018.46	825597.32	849.94	MATCH
FEB19	256+75.23 'F'	2.50' RT	486981.74	825559.13	850.17	BOC
FEB20	256+16.90 'F'	2.50' RT	486941.31	825517.09	850.35	BOC
FEB21	255+75.59 'F'	2.50' RT	486912.68	825487.32	850.40	BOC
FEB22	255+40.59 'F'	2.50' RT	486888.42	825462.09	850.53	BOC
FEB23	255+95.29 'F'	0.00'	486928.48	825500.14	849.99	EOP
FEB24	256+40.30 'F'	0.00'	486958.99	825531.87	849.86	EOP
FEB25	256+56.22 'F'	0.00'	486970.37	825543.70	849.81	EOP
FEB26	255+75.59 'F'	0.00'	486914.48	825485.58	850.05	EOP

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB27	256+16.90 'F'	0.00'	486943.11	825515.36	849.93	EOP
FEB28	256+75.23 'F'	0.00'	486983.55	825557.40	849.75	EOP
FEB29	255+40.59 'F'	0.00'	486890.22	825460.36	850.16	EOP
FEB30	255+15.59 'F'	0.00'	486872.89	825442.34	850.23	EOP
FEB31	255+15.59 'F'	2.00' RT	486871.45	825443.72	850.15	FL
FEB32	255+15.59 'F'	2.50' RT	486871.09	825444.07	850.65	BOC
FEB33	255+70.59 'F'	2.00' RT	486909.57	825483.36	849.93	FL
FEB34	255+70.59 'F'	0.00'	486911.01	825481.98	850.07	EOP
FEB35	255+75.59 'F'	2.00' RT	486913.04	825486.97	849.83	FL
FEB36	255+79.29 'F'	2.00' RT	486915.60	825489.63	849.92	FL
FEB37	255+79.29 'F'	0.00'	486917.04	825488.25	850.04	EOP
FEB38	255+95.79 'F'	2.00' RT	486927.04	825501.53	849.98	FL
FEB39	256+39.81 'F'	2.00' RT	486957.55	825533.25	849.80	FL
FEB40	256+56.22 'F'	2.00' RT	486968.93	825545.08	849.73	FL
FEB41	256+75.23 'F'	2.00' RT	486982.10	825558.79	849.53	FL
FEB42	256+85.23 'F'	2.00' RT	486989.04	825565.99	849.64	FL

REVISION: \_\_\_\_\_ DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 MARK: \_\_\_\_\_ DESIGNED BY: STRAND DATE: 2022-08-24  
 60631225P

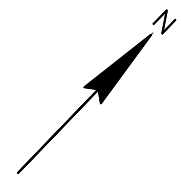
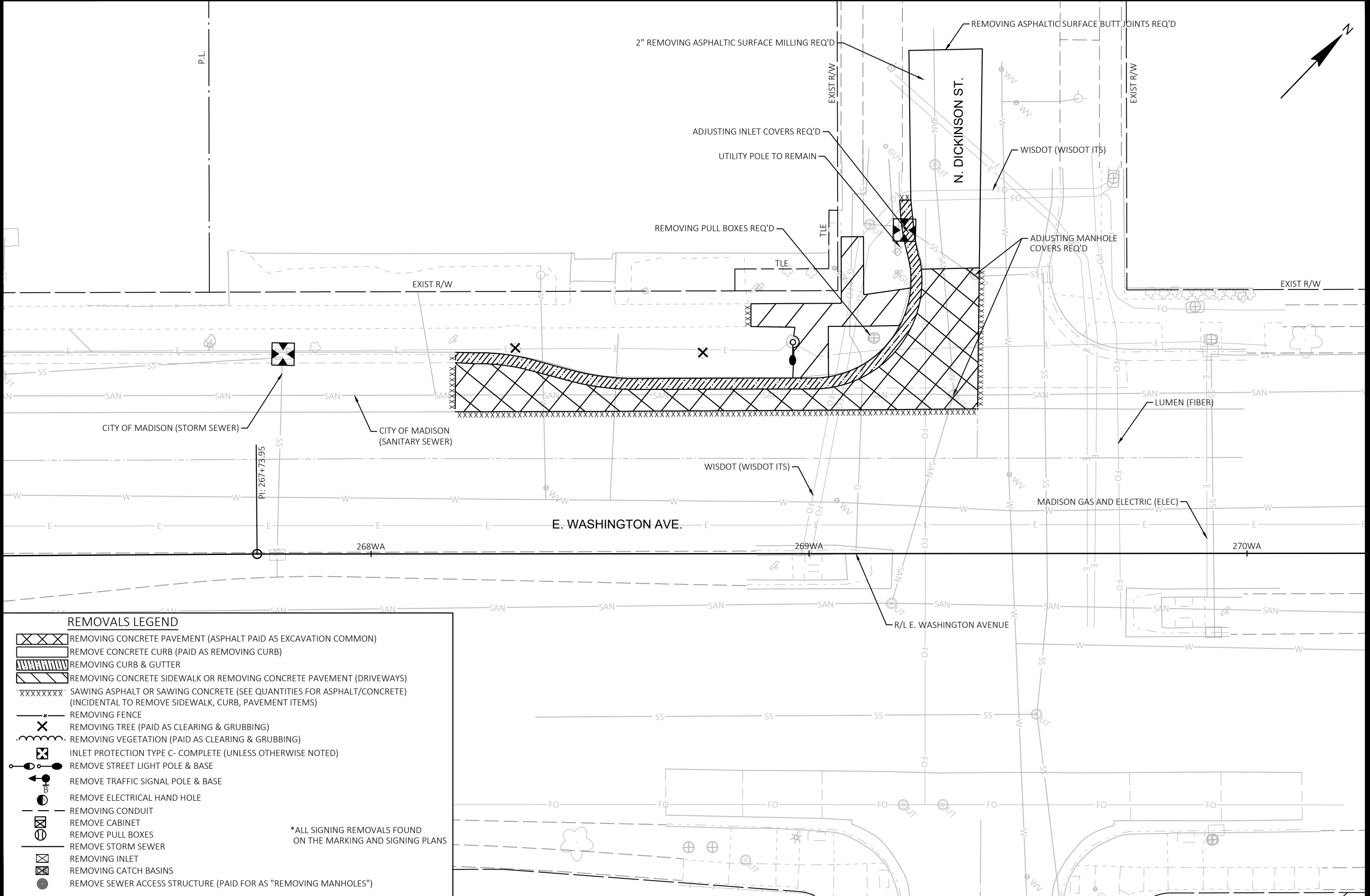
**GRADING PLAN: EB E. WASHINGTON AVENUE AT N. FEW STREET BUMPOUT**  
**CITY OF MADISON, DANE COUNTY, WI**  
**CONTRACT NO: 60631225C**

**CITY OF MADISON**  
 BUS RAPID TRANSIT

60631225P  
**G34-E**

FILE NAME: C:\P\WORKING\AECOM\_DS20\_NA\_2019\LYN21141\00107215\050294\_PN.DWG  
 LAYOUT NAME - 050294\_LAYOUT.PLT  
 LAST PLOT DATE - 2022-08-24





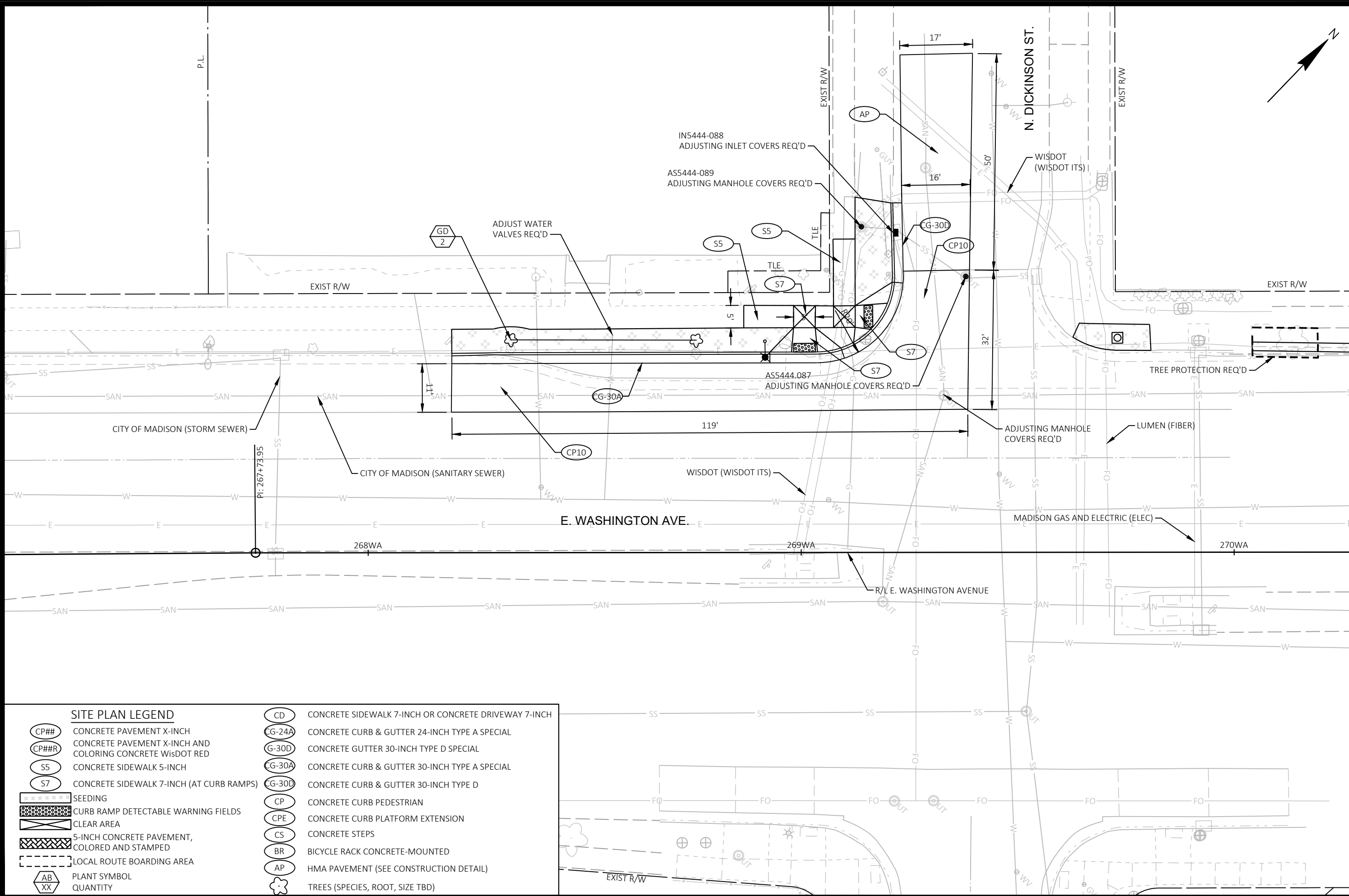
REMOVALS LEGEND	
	REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
	REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
	REMOVING CURB & GUTTER
	REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
	SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
	REMOVING FENCE
	REMOVING TREE (PAID AS CLEARING & GRUBBING)
	REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
	INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
	REMOVE STREET LIGHT POLE & BASE
	REMOVE TRAFFIC SIGNAL POLE & BASE
	REMOVE ELECTRICAL HAND HOLE
	REMOVING CONDUIT
	REMOVE CABINET
	REMOVE PULL BOXES
	REMOVE STORM SEWER
	REMOVING INLET
	REMOVING CATCH BASINS
	REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

MARK	REVISION	DATE	BY

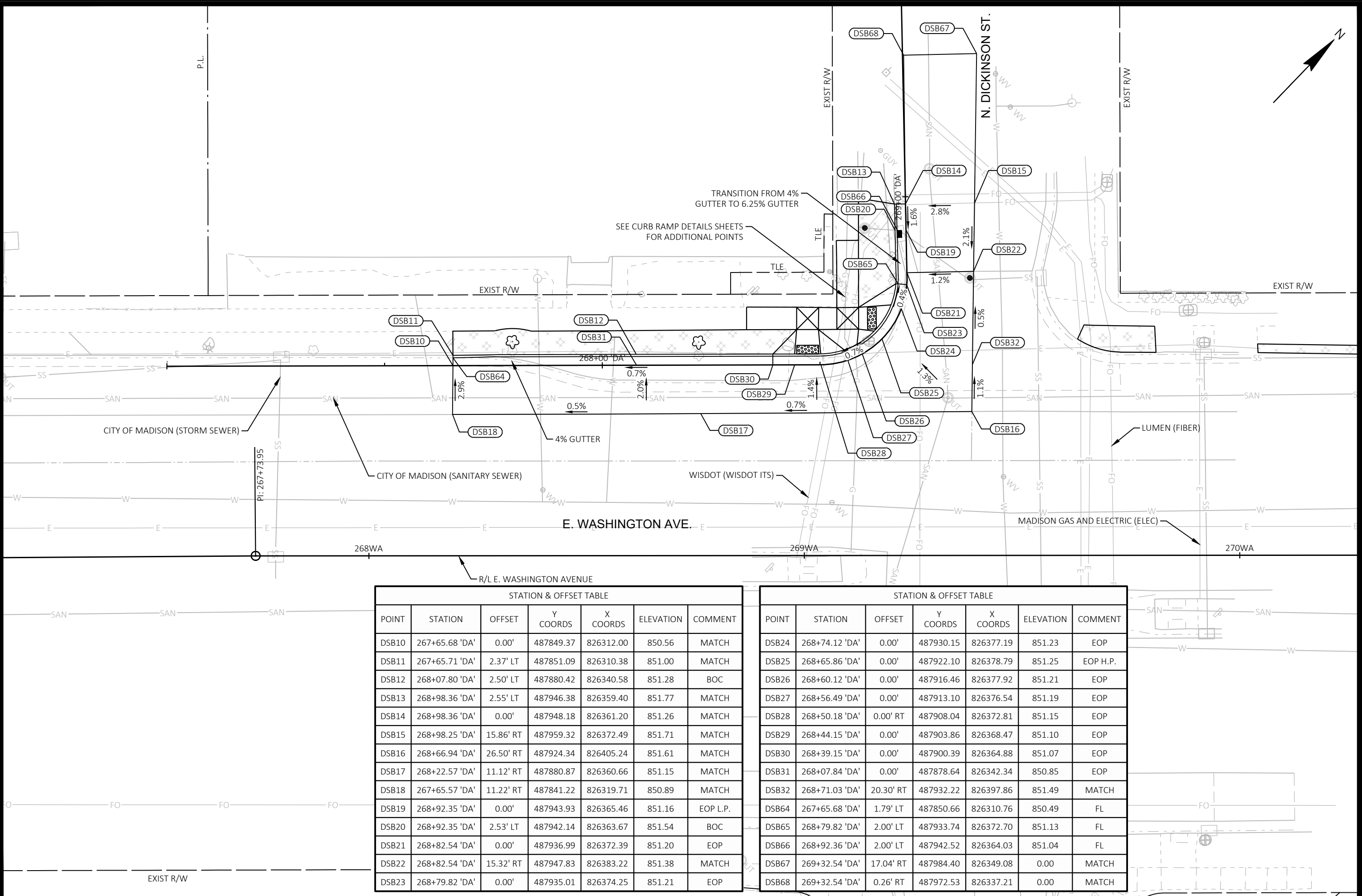
REMOVAL PLAN: WB E. WASHINGTON AVENUE AT DICKINSON STREET BUMPOUT 60631225P  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C

60631225P  
 R35-E



SITE PLAN LEGEND	
	CONCRETE PAVEMENT X-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)
	SEEDING
	CURB RAMP DETECTABLE WARNING FIELDS
	CLEAR AREA
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED
	LOCAL ROUTE BOARDING AREA
	PLANT SYMBOL QUANTITY
	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL
	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB PLATFORM EXTENSION
	CONCRETE STEPS
	BICYCLE RACK CONCRETE-MOUNTED
	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)

REVISION MARK Designed By: stmmw 60631225P	DATE BY Scale: 1"=20 FT
60631225P CITY OF MADISON, DANE COUNTY, WI CONTRACT NO: 60631225C	
CITY OF MADISON BUS RAPID TRANSIT SITE PLAN: WB E. WASHINGTON AVENUE AT DICKINSON STREET BUMPOUT 60631225P P35-E	



TRANSITION FROM 4%  
GUTTER TO 6.25% GUTTER

SEE CURB RAMP DETAILS SHEETS  
FOR ADDITIONAL POINTS

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
DSB10	267+65.68 'DA'	0.00'	487849.37	826312.00	850.56	MATCH
DSB11	267+65.71 'DA'	2.37' LT	487851.09	826310.38	851.00	MATCH
DSB12	268+07.80 'DA'	2.50' LT	487880.42	826340.58	851.28	BOC
DSB13	268+98.36 'DA'	2.55' LT	487946.38	826359.40	851.77	MATCH
DSB14	268+98.36 'DA'	0.00'	487948.18	826361.20	851.26	MATCH
DSB15	268+98.25 'DA'	15.86' RT	487959.32	826372.49	851.71	MATCH
DSB16	268+66.94 'DA'	26.50' RT	487924.34	826405.24	851.61	MATCH
DSB17	268+22.57 'DA'	11.12' RT	487880.87	826360.66	851.15	MATCH
DSB18	267+65.57 'DA'	11.22' RT	487841.22	826319.71	850.89	MATCH
DSB19	268+92.35 'DA'	0.00'	487943.93	826365.46	851.16	EOP L.P.
DSB20	268+92.35 'DA'	2.53' LT	487942.14	826363.67	851.54	BOC
DSB21	268+82.54 'DA'	0.00'	487936.99	826372.39	851.20	EOP
DSB22	268+82.54 'DA'	15.32' RT	487947.83	826383.22	851.38	MATCH
DSB23	268+79.82 'DA'	0.00'	487935.01	826374.25	851.21	EOP

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
DSB24	268+74.12 'DA'	0.00'	487930.15	826377.19	851.23	EOP
DSB25	268+65.86 'DA'	0.00'	487922.10	826378.79	851.25	EOP H.P.
DSB26	268+60.12 'DA'	0.00'	487916.46	826377.92	851.21	EOP
DSB27	268+56.49 'DA'	0.00'	487913.10	826376.54	851.19	EOP
DSB28	268+50.18 'DA'	0.00' RT	487908.04	826372.81	851.15	EOP
DSB29	268+44.15 'DA'	0.00'	487903.86	826368.47	851.10	EOP
DSB30	268+39.15 'DA'	0.00'	487900.39	826364.88	851.07	EOP
DSB31	268+07.84 'DA'	0.00'	487878.64	826342.34	850.85	EOP
DSB32	268+71.03 'DA'	20.30' RT	487932.22	826397.86	851.49	MATCH
DSB64	267+65.68 'DA'	1.79' LT	487850.66	826310.76	850.49	FL
DSB65	268+79.82 'DA'	2.00' LT	487933.74	826372.70	851.13	FL
DSB66	268+92.36 'DA'	2.00' LT	487942.52	826364.03	851.04	FL
DSB67	269+32.54 'DA'	17.04' RT	487984.40	826349.08	0.00	MATCH
DSB68	269+32.54 'DA'	0.26' RT	487972.53	826337.21	0.00	MATCH

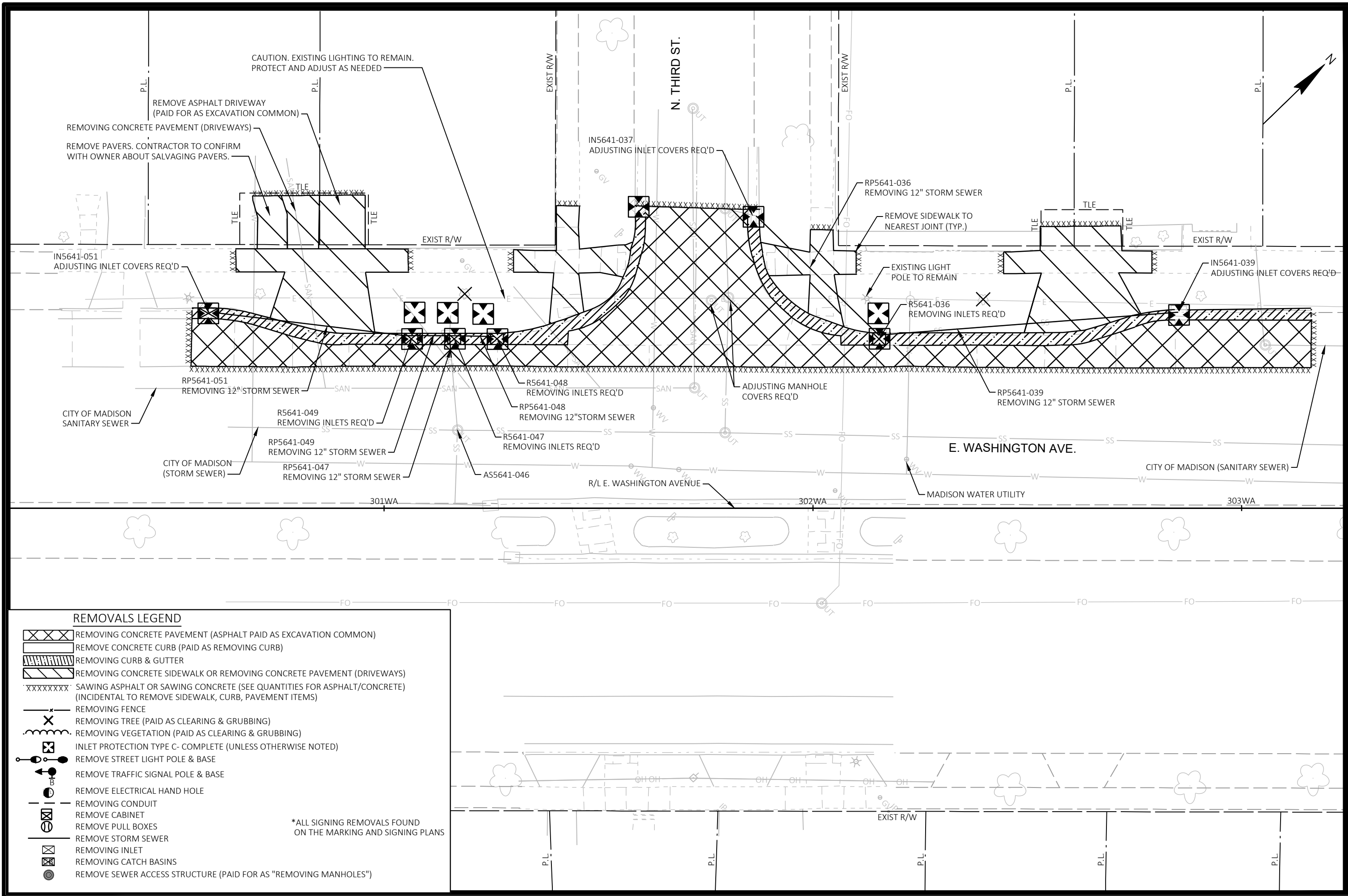
GRADING PLAN: WB E. WASHINGTON AVENUE AT DICKINSON STREET BUMPOUT 60631225P  
 BUS RAPID TRANSIT  
 CITY OF MADISON  
 CONTRACT NO: 60631225C



60631225P  
G35-E

MARK	REVISION	DATE	BY

Designed By: stmmw Date: 2022-07-29  
 60631225P Scale: 1"=20 FT



**REMOVALS LEGEND**

- REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
- REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
- REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
- SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
- REMOVING FENCE
- REMOVING TREE (PAID AS CLEARING & GRUBBING)
- REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
- INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
- REMOVE STREET LIGHT POLE & BASE
- REMOVE TRAFFIC SIGNAL POLE & BASE
- REMOVE ELECTRICAL HAND HOLE
- REMOVING CONDUIT
- REMOVE CABINET
- REMOVE PULL BOXES
- REMOVE STORM SEWER
- REMOVING INLET
- REMOVING CATCH BASINS
- REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

REVISION	DATE	BY

Designed By: STRAND Date: 2022-08-24  
60631225P

**REMOVAL PLAN: WB E. WASHINGTON AVENUE AT THIRD STREET BUMPOUT**

**BUS RAPID TRANSIT**

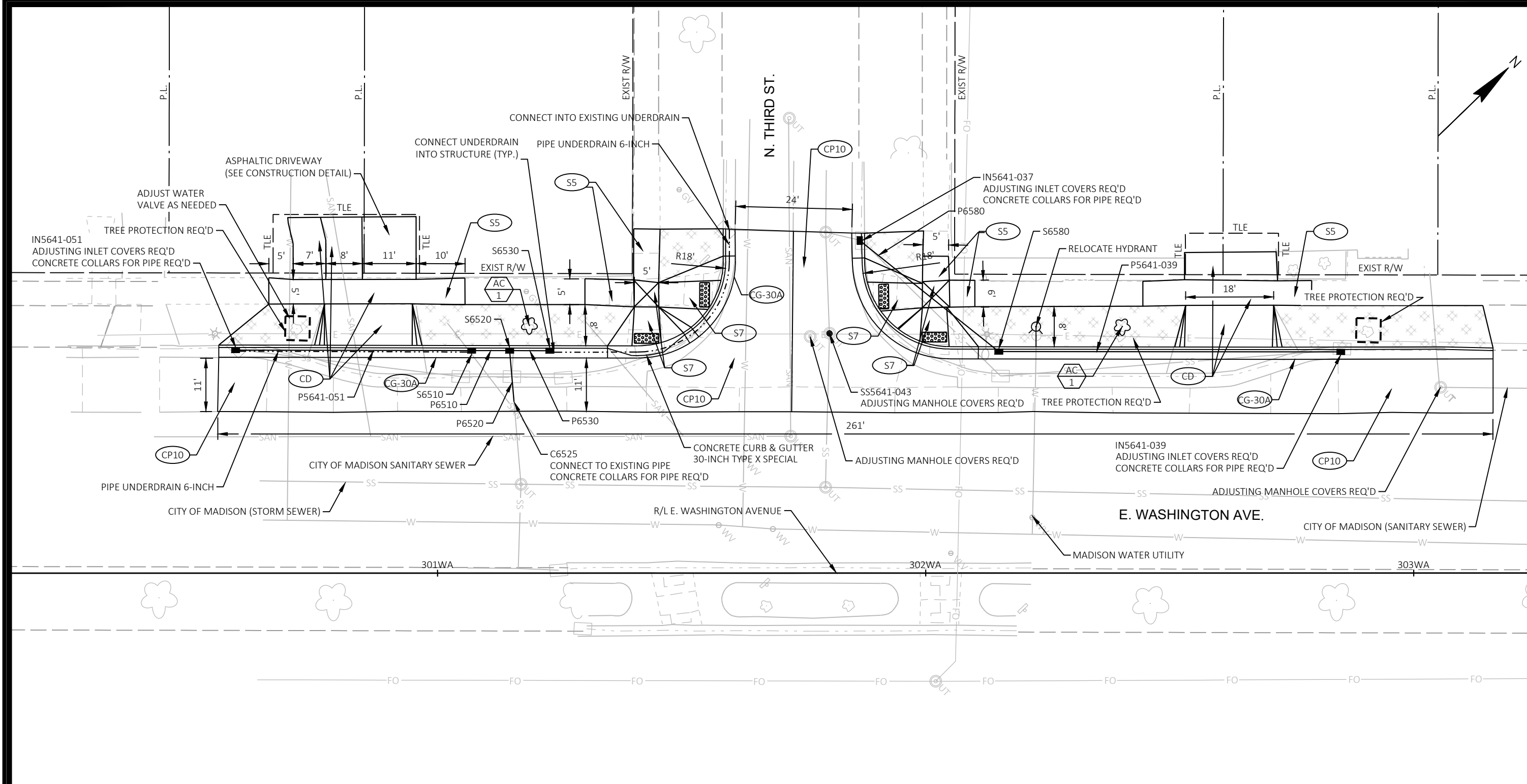
**CITY OF MADISON**

60631225P

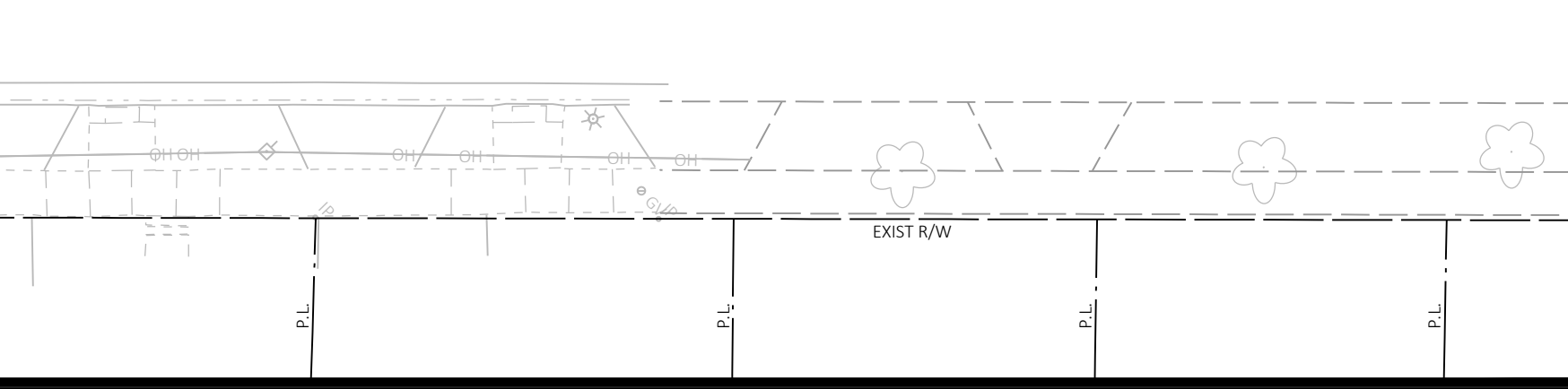
CONTRACT NO: 60631225C

CITY OF MADISON, DANE COUNTY, WI

Scale: 1"=20 FT

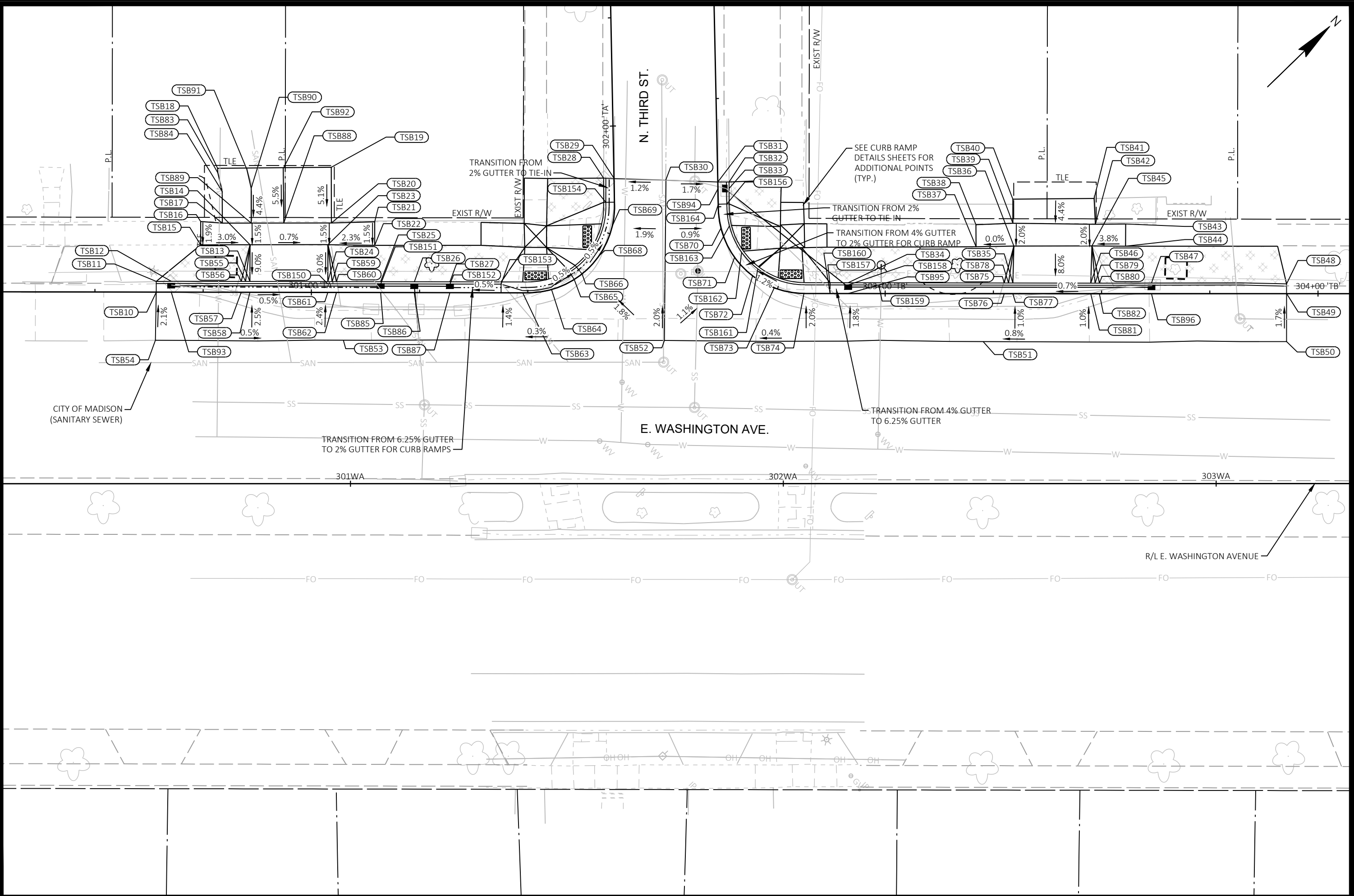


SITE PLAN LEGEND	
	CONCRETE PAVEMENT X-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)
	SEEDING
	CURB RAMP DETECTABLE WARNING FIELDS
	CLEAR AREA
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED
	LOCAL ROUTE BOARDING AREA
	PLANT SYMBOL QUANTITY
	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB PLATFORM EXTENSION
	CONCRETE STEPS
	BICYCLE RACK CONCRETE-MOUNTED
	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)



SITE PLAN: WB E. WASHINGTON AVENUE AT THIRD STREET BUMPOUT BUS RAPID TRANSIT <b>CITY OF MADISON</b>	60631225P CITY OF MADISON, DANE COUNTY, WI CONTRACT NO: 60631225C
	60631225P <b>P36-E</b>

FILE NAME: C:\P\WORKING\AECOM\_DS20\_NA\_2019\LYN21141\0107215\050299\_PN.DWG  
 LAYOUT NAME: 050299\_LAYOUT  
 REVISION: 050299  
 DATE: 2022-08-26  
 Scale: 1"=20 FT  
 MARK: 60631225P  
 Designed By: STW/MD  
 Date: 2022-08-26



REVISION	DATE	BY

MARK: 60631225P  
 Designed By: stwmc  
 Date: 2022-08-26  
 Scale: 1"=20 FT

**GRADING PLAN: WB E. WASHINGTON AVENUE AT THIRD STREET BUMPOUT** 60631225P

**BUS RAPID TRANSIT**

**CITY OF MADISON**

CITY OF MADISON, DANE COUNTY, WI

CONTRACT NO: 60631225C

60631225P

**G36-E**




STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
TSB10	300+64.18 'TA'	0.02' RT	490121.92	828612.81	857.74	MATCH
TSB11	300+64.17 'TA'	2.48' LT	490123.66	828611.01	858.14	MATCH
TSB12	300+67.62 'TA'	2.50' LT	490126.14	828613.41	858.09	BOC
TSB13	300+85.81 'TA'	2.50' LT	490139.16	828626.10	857.59	BOC
TSB14	300+85.81 'TA'	10.99' LT	490145.09	828620.02	858.35	FOW
TSB15	300+74.41 'TA'	10.92' LT	490136.88	828612.12	858.71	MATCH
TSB16	300+74.39 'TA'	16.32' LT	490140.63	828608.24	858.81	MATCH
TSB17	300+79.39 'TA'	15.98' LT	490143.98	828611.98	858.53	BOW
TSB18	300+78.26 'TA'	28.65' LT	490152.01	828602.12	859.04	MATCH
TSB19	301+04.53 'TA'	28.91' LT	490171.01	828620.27	858.98	MATCH
TSB20	301+04.59 'TA'	16.04' LT	490162.06	828629.52	858.33	BOW
TSB21	301+14.59 'TA'	16.33' LT	490169.41	828636.30	858.55	MATCH
TSB22	301+14.61 'TA'	10.90' LT	490165.64	828640.20	858.47	MATCH
TSB23	301+03.81 'TA'	11.04' LT	490158.01	828632.56	858.23	FOW
TSB24	301+03.81 'TA'	2.50' LT	490152.04	828638.67	857.46	BOC
TSB25	301+16.01 'TA'	2.50' LT	490160.78	828647.19	857.86	BOC
TSB26	301+23.78 'TA'	2.50' LT	490166.35	828652.62	857.90	BOC
TSB27	301+32.01 'TA'	2.50' LT	490172.23	828658.37	857.94	BOC
TSB28	301+87.99 'TA'	2.39' LT	490214.39	828665.93	857.85	MATCH
TSB29	301+87.87 'TA'	0.06' RT	490216.10	828667.69	857.51	MATCH
TSB30	302+43.61 'TB'	12.01' RT	490224.35	828676.25	857.66	MATCH
TSB31	302+44.26 'TB'	0.00'	490232.70	828684.91	857.45	MATCH
TSB32	302+44.32 'TB'	2.61' LT	490234.57	828686.73	857.83	MATCH
TSB33	302+45.83 'TB'	2.59' LT	490233.53	828687.82	857.86	BOC
TSB34	302+91.45 'TB'	2.49' LT	490238.09	828722.60	858.39	BOC
TSB35	303+29.51 'TB'	2.43' LT	490265.35	828749.16	858.40	BOC
TSB36	303+29.73 'TB'	10.95' LT	490271.44	828743.21	859.08	FOW
TSB37	303+20.98 'TB'	10.81' LT	490265.07	828737.21	859.07	MATCH
TSB38	303+20.97 'TB'	15.90' LT	490268.61	828733.55	859.10	MATCH
TSB39	303+29.50 'TB'	16.22' LT	490274.95	828739.27	859.18	BOW
TSB40	303+29.50 'TB'	21.79' LT	490278.83	828735.28	859.40	MATCH
TSB41	303+48.26 'TB'	21.96' LT	490292.40	828748.23	859.58	MATCH
TSB42	303+48.55 'TB'	16.00' LT	490288.46	828752.71	859.30	BOW
TSB43	303+55.55 'TB'	16.09' LT	490293.54	828757.52	859.49	MATCH
TSB44	303+55.51 'TB'	10.95' LT	490289.93	828761.18	859.48	MATCH
TSB45	303+47.76 'TB'	11.01' LT	490284.41	828755.73	859.20	FOW
TSB46	303+47.50 'TB'	2.41' LT	490278.24	828761.72	858.50	BOC
TSB47	303+61.53 'TB'	2.44' LT	490288.32	828771.48	858.93	BOC

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
TSB48	303+92.72 'TB'	2.24' LT	490310.55	828793.35	859.14	MATCH
TSB49	303+92.72 'TB'	0.00'	490308.99	828794.96	858.77	MATCH
TSB50	303+92.73 'TB'	11.10' RT	490301.26	828802.93	858.96	MATCH
TSB51	303+22.64 'TB'	11.09' RT	490251.00	828754.08	858.44	MATCH
TSB52	301+65.92 'TA'	24.21' RT	490198.35	828702.59	857.94	MATCH
TSB53	301+07.42 'TA'	11.03' RT	490145.19	828650.88	857.74	MATCH
TSB54	300+63.98 'TA'	11.14' RT	490114.01	828620.63	857.98	MATCH
TSB55	300+84.81 'TA'	2.50' LT	490138.44	828625.41	857.60	BOC
TSB56	300+83.81 'TA'	2.50' LT	490137.73	828624.71	857.98	BOC
TSB57	300+83.81 'TA'	111.69' LT	490135.98	828626.50	857.60	EOP
TSB58	300+85.81 'TA'	0.00'	490137.41	828627.89	857.59	EOP
TSB59	301+04.81 'TA'	2.50' LT	490152.76	828639.37	857.46	BOC
TSB60	301+05.81 'TA'	2.50' LT	490153.48	828640.07	857.83	BOC
TSB61	301+03.81 'TA'	91.96' LT	490150.30	828640.46	857.46	EOP
TSB62	301+05.81 'TA'	89.99' LT	490151.73	828641.86	857.46	EOP
TSB63	301+48.82 'TA'	48.15' LT	490182.52	828671.89	857.62	EOP H.P.
TSB64	301+55.58 'TA'	0.00'	490187.85	828676.01	857.54	EOP
TSB65	301+61.30 'TA'	0.00'	490193.21	828677.97	857.53	EOP
TSB66	301+63.52 'TA'	0.00'	490195.40	828678.31	857.52	EOP
TSB68	301+69.25 'TA'	0.00'	490201.10	828678.04	857.49	EOP
TSB69	301+76.80 'TA'	0.00'	490208.07	828675.27	857.45	EOP
TSB70	302+54.98 'TB'	0.00'	490225.80	828693.07	857.58	EOP
TSB71	302+62.51 'TB'	0.00' RT	490223.33	828700.14	857.67	EOP
TSB72	302+68.48 'TB'	0.00' RT	490223.35	828706.09	857.74	EOP
TSB73	302+74.21 'TB'	0.00'	490225.01	828711.56	857.81	EOP
TSB74	302+81.23 'TB'	0.00'	490229.03	828717.26	857.90	EOP
TSB75	303+27.51 'TB'	2.44' LT	490263.92	828747.77	858.75	BOC
TSB76	303+27.50 'TB'	0.06' RT	490262.17	828749.56	858.38	EOP
TSB77	303+29.51 'TB'	0.07' RT	490263.60	828750.95	858.40	EOP
TSB78	303+28.51 'TB'	2.44' LT	490264.63	828748.47	858.39	BOC
TSB79	303+48.50 'TB'	2.41' LT	490278.95	828762.42	858.50	BOC
TSB80	303+49.50 'TB'	2.41' LT	490279.66	828763.11	858.88	BOC
TSB81	303+47.50 'TB'	0.09' RT	490276.49	828763.51	858.50	EOP
TSB82	303+49.49 'TB'	0.09' RT	490277.92	828764.90	858.50	EOP
TSB83	300+78.36 'TA'	27.56' LT	490151.32	828602.97	858.99	EOP
TSB84	300+79.37 'TA'	23.26' LT	490149.05	828606.75	858.82	EOP
TSB85	301+16.01 'TA'	0.00'	490159.04	828648.98	857.48	EOP L.P.
TSB86	301+23.78 'TA'	0.00'	490164.60	828654.41	857.52	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
TSB87	301+32.01 'TA'	64.36' LT	490170.49	828660.16	857.56	EOP
TSB88	300+93.59 'TA'	16.01' LT	490154.16	828621.86	858.39	BOW
TSB89	300+86.08 'TA'	15.98' LT	490148.76	828616.65	858.43	BOW
TSB90	300+86.06 'TA'	24.05' LT	490154.39	828610.85	858.78	EOP
TSB91	300+84.91 'TA'	28.71' LT	490156.82	828606.71	858.97	MATCH
TSB92	300+93.53 'TA'	28.80' LT	490163.05	828612.67	859.09	MATCH
TSB93	300+67.62 'TA'	0.00'	490124.39	828615.20	857.72	EOP
TSB94	302+45.83 'TB'	0.00'	490231.64	828686.05	857.47	EOP
TSB95	302+91.45 'TB'	0.00'	490236.36	828724.39	858.02	EOP
TSB96	303+61.53 'TB'	0.06' RT	490286.58	828773.27	858.55	EOP
TSB150	301+03.81 'TA'	2.00' LT	490151.69	828639.03	857.34	FL
TSB151	301+16.02 'TA'	2.00' LT	490160.44	828647.56	857.26	FL
TSB152	301+32.02 'TA'	2.00' LT	490171.89	828658.73	857.44	FL
TSB153	301+43.82 'TA'	2.00' LT	490180.34	828666.97	857.58	FL
TSB154	301+82.42 'TA'	1.98' LT	490210.89	828670.28	857.38	FL
TSB156	302+49.40 'TB'	2.00' LT	490230.67	828690.03	857.43	FL
TSB157	302+87.25 'TB'	1.99' LT	490234.74	828720.03	857.89	FL
TSB158	302+91.54 'TB'	1.99' LT	490237.81	828723.03	857.80	FL
TSB159	302+98.51 'TB'	1.98' LT	490242.80	828727.89	857.91	FL
TSB160	302+87.25 'TB'	0.01' RT	490233.34	828721.47	857.97	EOP
TSB161	302+68.48 'TB'	2.00' LT	490225.33	828705.79	858.11	FL
TSB162	302+62.50 'TB'	2.00' LT	490225.31	828700.42	857.63	FL
TSB163	302+54.98 'TB'	2.00' LT	490227.53	828694.07	857.54	FL
TSB164	302+49.40 'TB'	0.03' LT	490229.22	828688.68	857.51	EOP

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

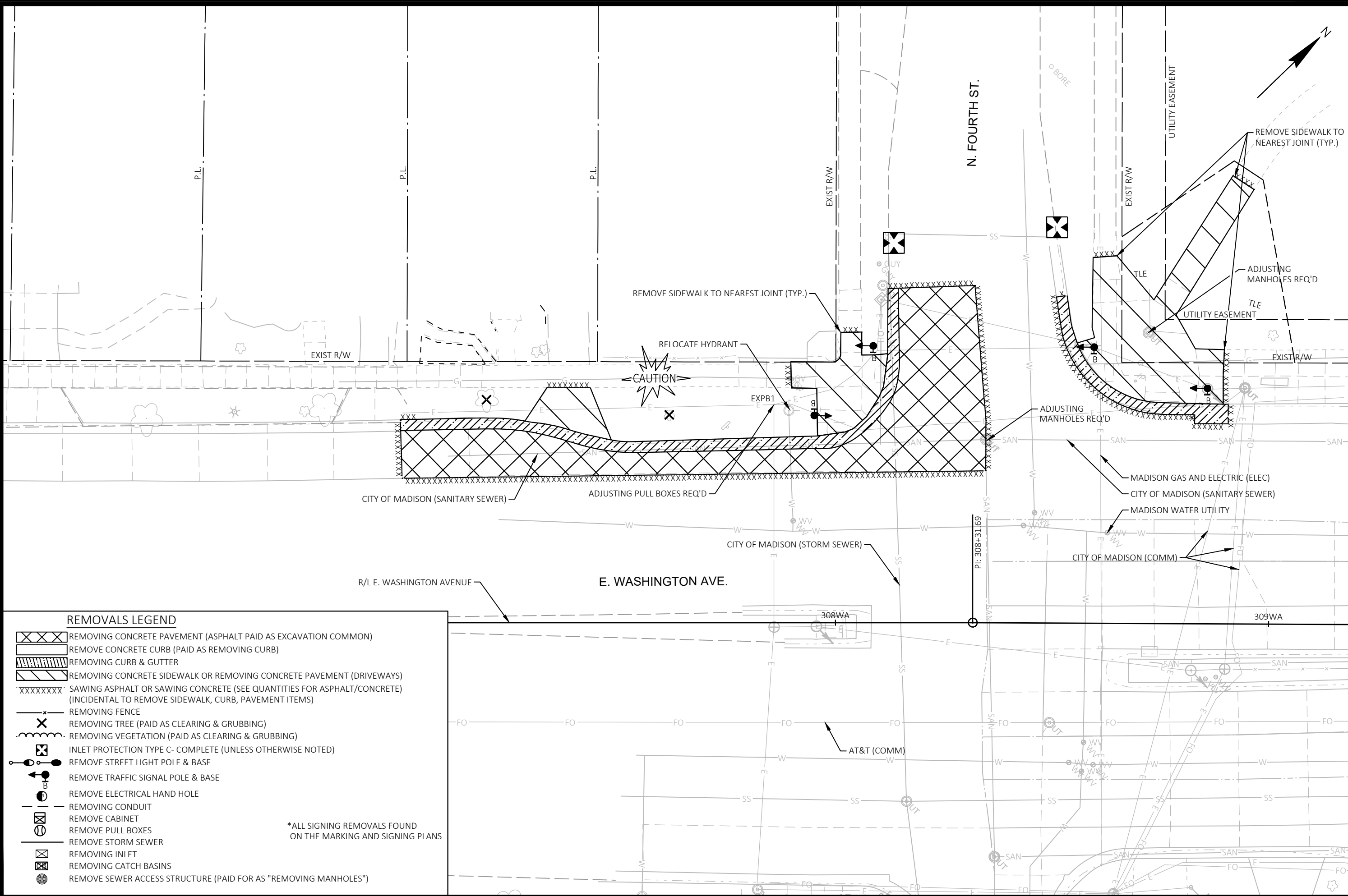


60631225P




















**G36A-E**

FILE NAME : C:\P\WORKING\AECOM\_D520\_NA\_2019\LYN21141\00107215\050300\_PN.DWG  
 LAYOUT NAME - 050300a\_plt  
 LAST PLOT DATE - 2022-08-26

REVISION  
 MARK  
 Designed By: AECOM  
 Date: 2022-08-26  
 Scale: 1"=20 FT



**REMOVALS LEGEND**

-  REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
-  REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
-  REMOVING CURB & GUTTER
-  REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
-  SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
-  REMOVING FENCE
-  REMOVING TREE (PAID AS CLEARING & GRUBBING)
-  REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
-  INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
-  REMOVE STREET LIGHT POLE & BASE
-  REMOVE TRAFFIC SIGNAL POLE & BASE
-  REMOVE ELECTRICAL HAND HOLE
-  REMOVING CONDUIT
-  REMOVE CABINET
-  REMOVE PULL BOXES
-  REMOVE STORM SEWER
-  REMOVING INLET
-  REMOVING CATCH BASINS
-  REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

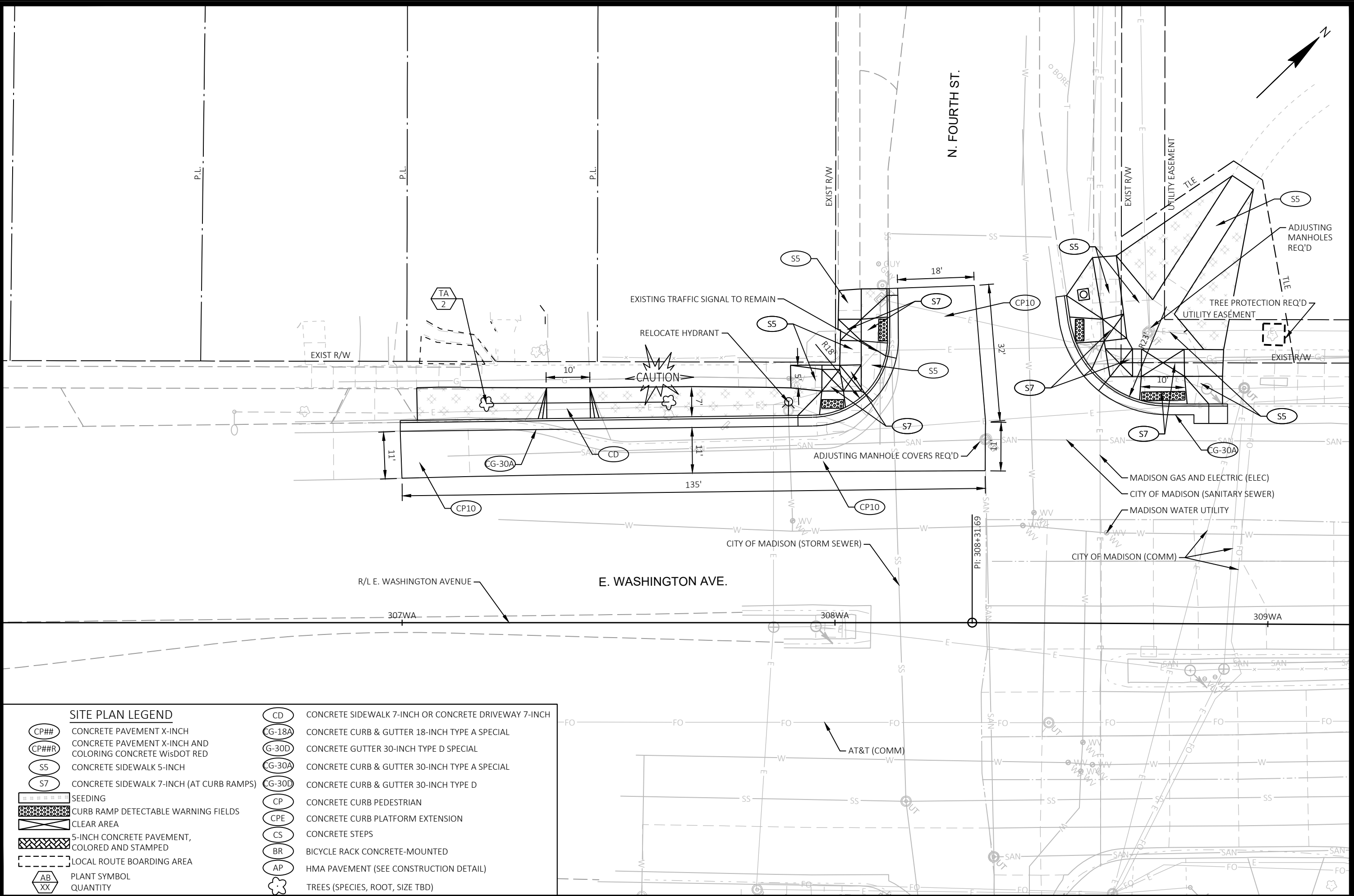
MARK	REVISION	DATE	BY
	Designed By: stmmw	Date: 2022-08-25	60631225P
			Scale: 1"=20 FT

REMOVAL PLAN: WB E. WASHINGTON AVENUE AT FOURTH STREET BUMPOUT 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CITY OF MADISON CONTRACT NO: 60631225C



60631225P  
**R37-E**





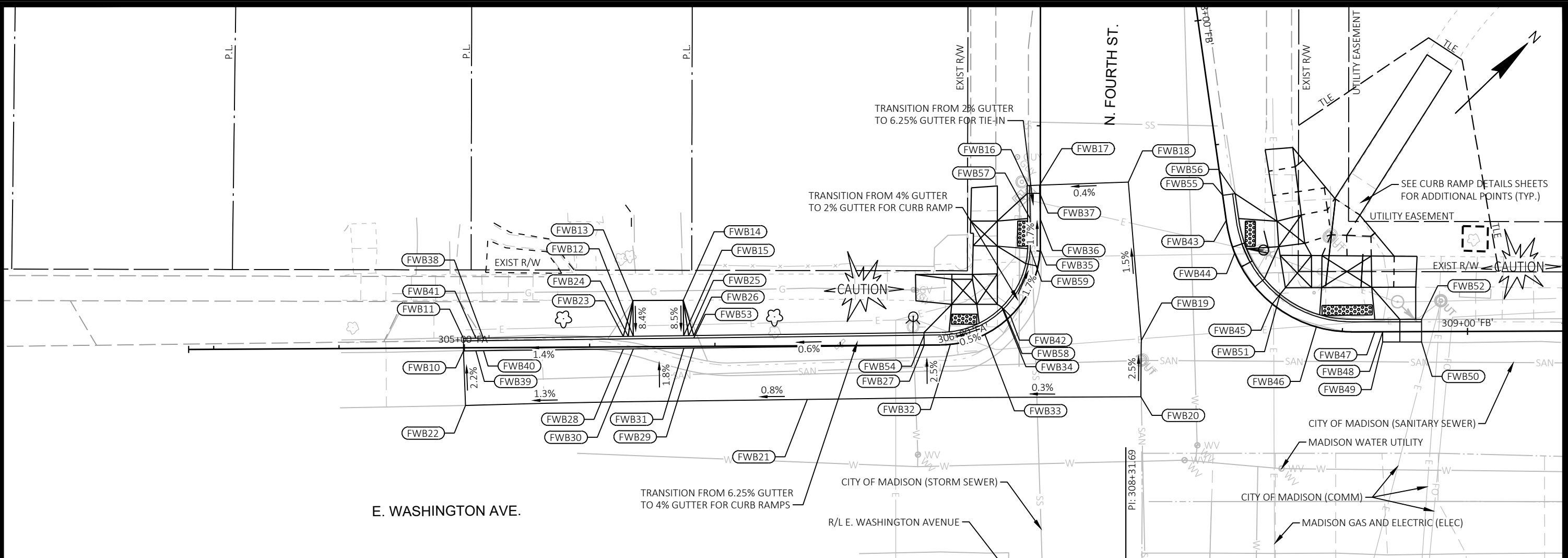
MARK	REVISION	DATE	BY
60631225P	Designed By: stmmw	Date: 2022-08-25	Scale: 1"=20 FT

**SITE PLAN: WB E. WASHINGTON AVENUE AT FOURTH STREET BUMPOUT**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

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

**60631225P**  
**P37-E**

SITE PLAN LEGEND	
	CONCRETE PAVEMENT X-INCH
	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WisDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)
	SEEDING
	CURB RAMP DETECTABLE WARNING FIELDS
	CLEAR AREA
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED
	LOCAL ROUTE BOARDING AREA
	PLANT SYMBOL QUANTITY
	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB PLATFORM EXTENSION
	CONCRETE STEPS
	BICYCLE RACK CONCRETE-MOUNTED
	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB10	306+54.83 'FA'	0.63' RT	490584.20	829061.75	863.11	MATCH
FWB11	306+54.83 'FA'	1.87' LT	490585.93	829059.94	863.05	MATCH
FWB12	306+88.72 'FA'	2.09' LT	490610.55	829083.24	863.60	BOC
FWB13	306+88.63 'FA'	9.23' LT	490615.42	829078.02	864.19	MATCH
FWB14	306+98.73 'FA'	9.20' LT	490622.69	829085.04	864.28	MATCH
FWB15	306+98.77 'FA'	2.16' LT	490617.84	829090.15	863.68	BOC
FWB16	307+93.06 'FA'	2.47' LT	490687.94	829116.51	863.85	MATCH
FWB17	307+93.14 'FA'	0.11' LT	490689.69	829118.09	863.53	MATCH
FWB18	307+93.76 'FA'	17.60' RT	490702.82	829129.98	863.60	MATCH
FWB19	307+72.42 'FA'	24.47' RT	490682.68	829154.41	864.08	MATCH
FWB20	307+68.34 'FA'	30.27' RT	490674.79	829162.42	864.36	MATCH
FWB21	307+23.35 'FA'	10.70' RT	490626.68	829116.45	864.07	MATCH
FWB22	306+55.16 'FA'	11.48' RT	490576.93	829069.80	863.35	MATCH
FWB23	306+86.72 'FA'	2.08' LT	490609.09	829081.87	863.96	BOC
FWB24	306+87.72 'FA'	2.09' LT	490609.82	829082.56	863.59	BOC
FWB25	306+99.77 'FA'	2.17' LT	490618.57	829090.84	863.69	BOC
FWB26	307+00.77 'FA'	2.17' LT	490619.30	829091.52	864.07	BOC
FWB27	307+46.74 'FA'	0.02' RT	490650.95	829124.93	863.97	EOP
FWB28	306+86.72 'FA'	0.42' RT	490607.36	829083.67	863.58	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB29	307+00.79 'FA'	0.33' RT	490617.58	829093.34	863.70	EOP
FWB30	306+88.74 'FA'	0.41' RT	490608.83	829085.06	863.60	EOP
FWB31	306+98.78 'FA'	0.34' RT	490616.12	829091.96	863.68	EOP
FWB32	307+51.97 'FA'	0.00'	490654.81	829128.46	864.00	EOP
FWB33	307+59.16 'FA'	0.00'	490661.13	829131.80	864.05	EOP
FWB34	307+65.47 'FA'	2.50' LT	490667.32	829130.24	864.49	BOC
FWB35	307+80.36 'FA'	0.00'	490680.85	829127.33	863.84	EOP
FWB36	307+86.48 'FA'	0.02' LT	490685.12	829122.93	863.74	EOP
FWB37	307+91.51 'FA'	0.09' LT	490688.57	829119.28	863.58	EOP
FWB38	306+58.81 'FA'	1.90' LT	490588.82	829062.68	863.47	BOC
FWB39	306+57.28 'FA'	0.61' RT	490585.98	829063.43	863.15	EOP
FWB40	306+58.83 'FA'	0.60' RT	490587.11	829064.50	863.18	EOP
FWB41	306+57.31 'FA'	1.89' LT	490587.74	829061.65	863.08	BOC
FWB42	307+65.47 'FA'	0.00' RT	490667.35	829132.74	864.07	EOP H.P.
FWB43	307+00.77 'FA'	1.67' LT	490618.95	829091.89	863.57	FL
FWB44	307+46.72 'FA'	1.98' LT	490652.32	829123.48	863.89	FL
FWB45	307+86.47 'FA'	2.02' LT	490683.68	829121.55	863.66	FL
FWB46	307+65.47 'FA'	2.00' LT	490667.33	829130.74	864.49	FL
FWB47	307+80.36 'FA'	2.00' LT	490679.48	829125.87	863.78	FL

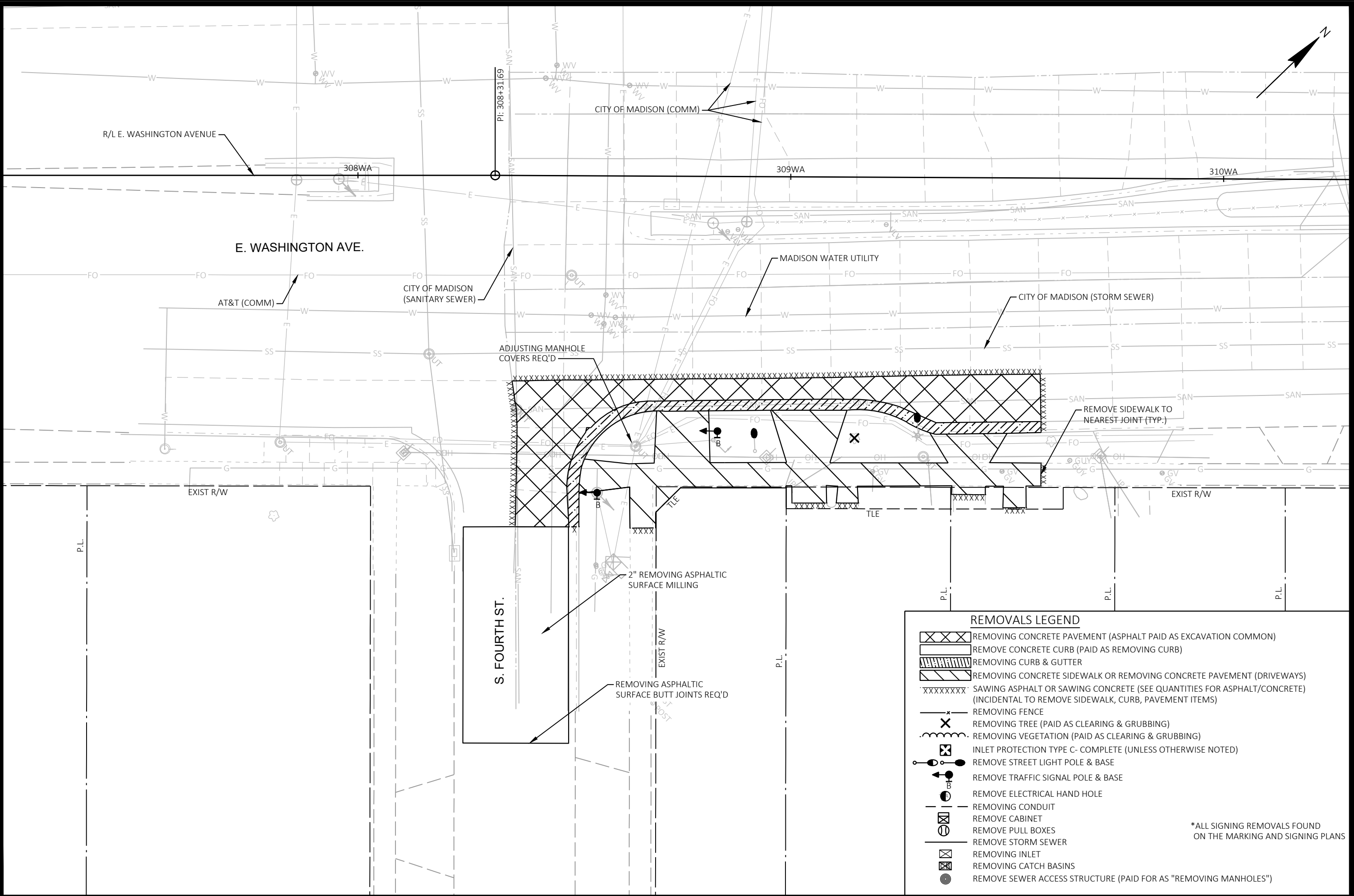
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FWB43	309+45.25 'FB'	0.00'	490711.50	829149.06	863.53	MATCH
FWB44	309+52.08 'FB'	0.00'	490708.11	829154.96	863.61	MATCH
FWB45	309+64.79 'FB'	0.00' RT	490706.45	829167.42	863.84	MATCH
FWB46	309+74.76 'FB'	0.00' LT	490709.58	829176.83	863.95	MATCH
FWB47	309+86.53 'FB'	0.02' RT	490717.28	829185.65	863.98	MATCH
FWB48	309+88.10 'FB'	0.02' RT	490718.41	829186.75	863.95	MATCH
FWB49	309+88.09 'FB'	2.02' RT	490717.01	829188.18	864.04	MATCH
FWB50	309+95.86 'FB'	2.05' RT	490722.59	829193.59	864.04	MATCH
FWB51	309+64.79 'FB'	2.50' LT	490708.93	829167.12	864.20	BOC
FWB52	309+95.87 'FB'	2.45' LT	490725.72	829190.36	864.26	MATCH
FWB55	309+40.22 'FB'	0.00'	490714.46	829144.99	863.52	MATCH
FWB56	309+40.22 'FB'	2.50' LT	490716.48	829146.46	863.90	MATCH

MARK: \_\_\_\_\_ REVISION: \_\_\_\_\_ DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 Designed By: stwmc Date: 2022-08-25 Scale: 1"=20 FT  
 60631225P

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

60631225P  
**G37-E**

FILE NAME: C:\P\WORKING\AECOM\_D520\_NA\_2019\LYN21141\00107215\050303\_PN.DWG  
 LAST PLOT DATE: 2022-08-25  
 LAYOUT NAME: 050303\_PN



REMOVALS LEGEND	
	REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
	REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
	REMOVING CURB & GUTTER
	REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
	SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
	REMOVING FENCE
	REMOVING TREE (PAID AS CLEARING & GRUBBING)
	REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
	INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
	REMOVE STREET LIGHT POLE & BASE
	REMOVE TRAFFIC SIGNAL POLE & BASE
	REMOVE ELECTRICAL HAND HOLE
	REMOVING CONDUIT
	REMOVE CABINET
	REMOVE PULL BOXES
	REMOVE STORM SEWER
	REMOVING INLET
	REMOVING CATCH BASINS
	REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

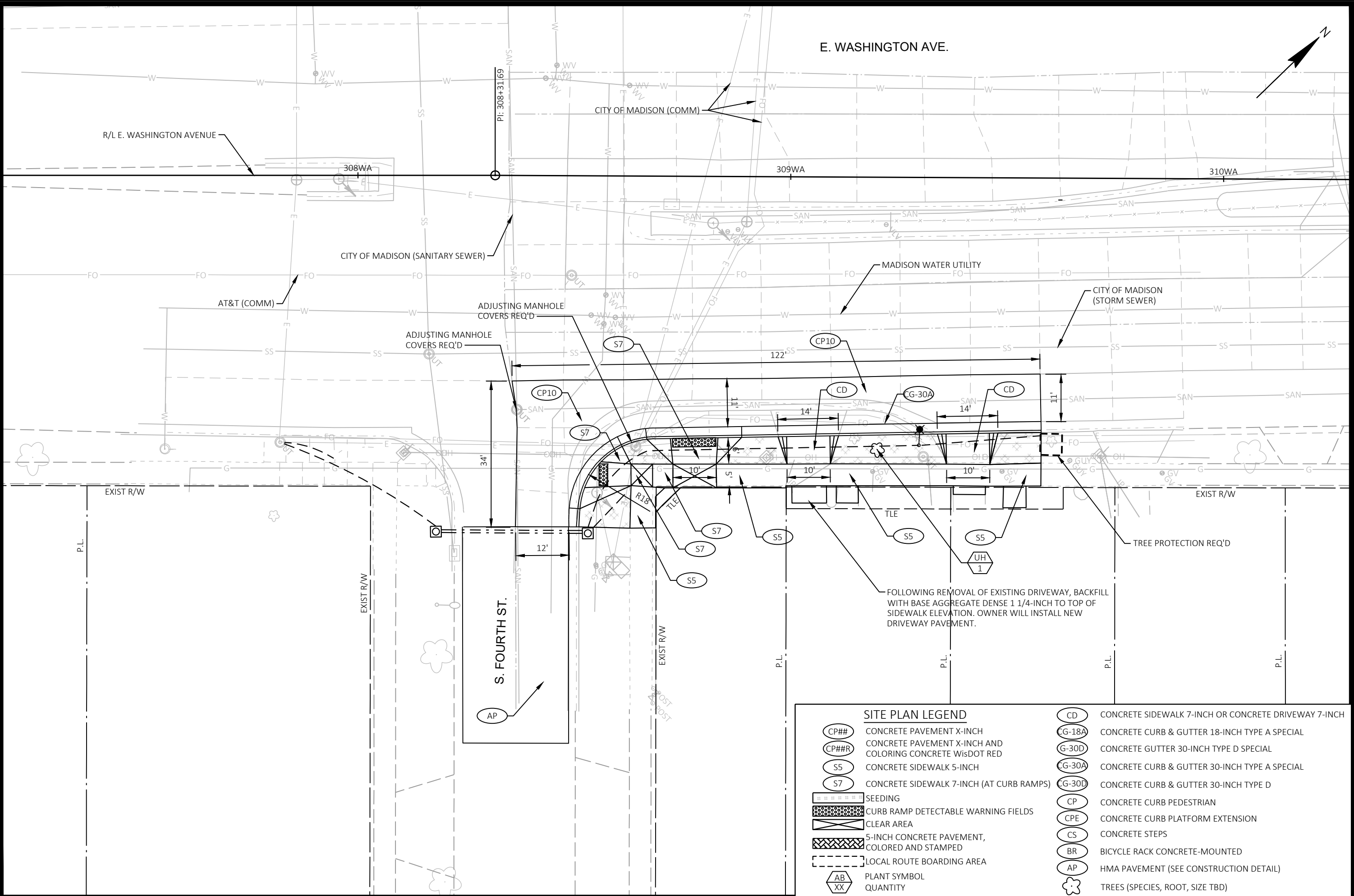
\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS

MARK	REVISION	DATE	BY
60631225P	Designed By: stmmw	2022-07-29	
60631225P			

REMOVAL PLAN: WB E. WASHINGTON AVENUE AT FOURTH STREET BUMPOUT 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON, DANE COUNTY, WI  
 CITY OF MADISON CONTRACT NO: 60631225C



60631225P  
 R38-E



SITE PLAN LEGEND			
(CP##)	CONCRETE PAVEMENT X-INCH	(CD)	CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
(CP##R)	CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE W/DOT RED	(G-18A)	CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL
(S5)	CONCRETE SIDEWALK 5-INCH	(G-30D)	CONCRETE GUTTER 30-INCH TYPE D SPECIAL
(S7)	CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)	(G-30A)	CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
(SEEDING)	SEEDING	(G-30D)	CONCRETE CURB & GUTTER 30-INCH TYPE D
(CURB RAMP DETECTABLE WARNING FIELDS)	CURB RAMP DETECTABLE WARNING FIELDS	(CP)	CONCRETE CURB PEDESTRIAN
(CLEAR AREA)	CLEAR AREA	(CPE)	CONCRETE CURB PLATFORM EXTENSION
(5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED)	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED	(CS)	CONCRETE STEPS
(LOCAL ROUTE BOARDING AREA)	LOCAL ROUTE BOARDING AREA	(BR)	BICYCLE RACK CONCRETE-MOUNTED
(AB XX)	PLANT SYMBOL QUANTITY	(AP)	HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
		(TREE)	TREES (SPECIES, ROOT, SIZE TBD)

<p>FILE NAME : C:\P\WORKING\AECOM_DS20_NA_2019\LYN21141\0107215\050305_PN.DWG LAYOUT NAME - 050305_LAYOUT</p>	<p>REVISION DATE BY Scale: 1"=20 FT</p>
<p>60631225P</p>	
<p>SITE PLAN: EB E. WASHINGTON AVENUE AT FOURTH STREET BUMPOUT</p>	
<p>CITY OF MADISON, DANE COUNTY, WI</p>	
<p>BUS RAPID TRANSIT</p>	
<p>CITY OF MADISON</p>	
<p>CONTRACT NO: 60631225C</p>	
<p>60631225P</p>	
<p>P38-E</p>	

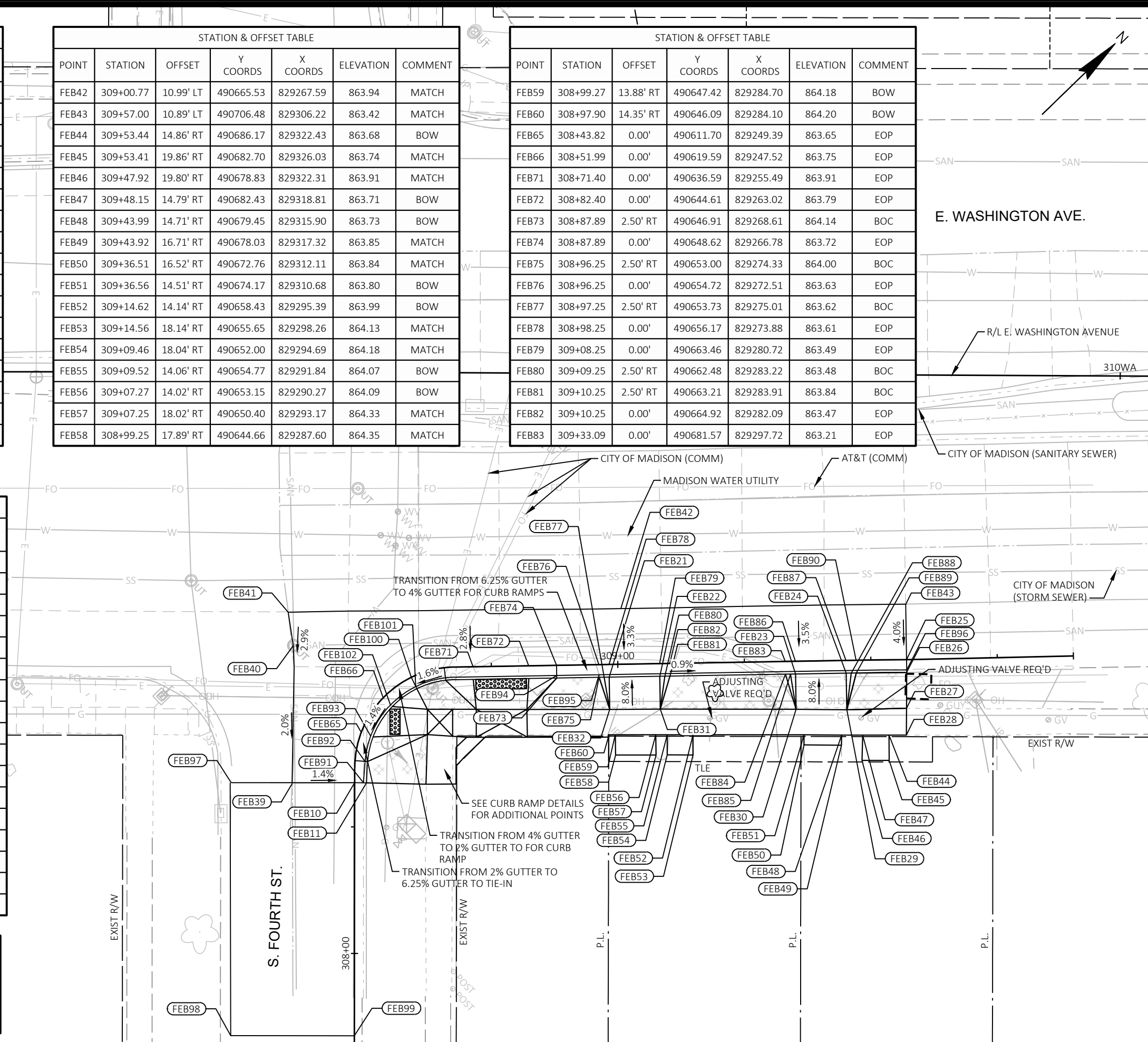
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB10	308+33.74	0.00'	490603.85	829255.61	863.52	MATCH
FEB11	308+33.72	2.33' RT	490605.51	829257.24	863.82	MATCH
FEB21	308+98.25	2.50' RT	490654.46	829275.70	863.60	BOC
FEB22	309+08.25	2.50' RT	490661.75	829282.54	863.49	BOC
FEB23	309+35.09	2.50' RT	490681.32	829300.91	863.18	BOC
FEB24	309+45.10	2.50' RT	490688.62	829307.76	863.07	BOC
FEB25	309+57.07	0.00'	490699.03	829314.15	862.99	MATCH
FEB26	309+57.05	2.53' RT	490697.28	829315.98	863.35	MATCH
FEB27	309+56.97	9.60' RT	490692.35	829321.04	863.59	MATCH
FEB28	309+56.88	14.89' RT	490688.64	829324.82	863.67	MATCH
FEB29	309+45.09	9.74' RT	490683.65	829313.04	863.65	FOW
FEB30	309+35.09	9.48' RT	490676.54	829306.00	863.74	FOW
FEB31	309+08.25	8.96' RT	490657.32	829287.25	864.01	FOW
FEB32	308+98.25	8.87' RT	490650.10	829280.34	864.11	FOW
FEB39	308+33.62	12.29' LT	490594.96	829247.12	863.69	MATCH
FEB40	308+49.50	20.24' LT	490614.01	829227.74	864.27	MATCH
FEB41	308+51.57	25.25' LT	490617.90	829222.32	864.47	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB42	309+00.77	10.99' LT	490665.53	829267.59	863.94	MATCH
FEB43	309+57.00	10.89' LT	490706.48	829306.22	863.42	MATCH
FEB44	309+53.44	14.86' RT	490686.17	829322.43	863.68	BOW
FEB45	309+53.41	19.86' RT	490682.70	829326.03	863.74	MATCH
FEB46	309+47.92	19.80' RT	490678.83	829322.31	863.91	MATCH
FEB47	309+48.15	14.79' RT	490682.43	829318.81	863.71	BOW
FEB48	309+43.99	14.71' RT	490679.45	829315.90	863.73	BOW
FEB49	309+43.92	16.71' RT	490678.03	829317.32	863.85	MATCH
FEB50	309+36.51	16.52' RT	490672.76	829312.11	863.84	MATCH
FEB51	309+36.56	14.51' RT	490674.17	829310.68	863.80	BOW
FEB52	309+14.62	14.14' RT	490658.43	829295.39	863.99	BOW
FEB53	309+14.56	18.14' RT	490655.65	829298.26	864.13	MATCH
FEB54	309+09.46	18.04' RT	490652.00	829294.69	864.18	MATCH
FEB55	309+09.52	14.06' RT	490654.77	829291.84	864.07	BOW
FEB56	309+07.27	14.02' RT	490653.15	829290.27	864.09	BOW
FEB57	309+07.25	18.02' RT	490650.40	829293.17	864.33	MATCH
FEB58	308+99.25	17.89' RT	490644.66	829287.60	864.35	MATCH

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB59	308+99.27	13.88' RT	490647.42	829284.70	864.18	BOW
FEB60	308+97.90	14.35' RT	490646.09	829284.10	864.20	BOW
FEB65	308+43.82	0.00'	490611.70	829249.39	863.65	EOP
FEB66	308+51.99	0.00'	490619.59	829247.52	863.75	EOP
FEB71	308+71.40	0.00'	490636.59	829255.49	863.91	EOP
FEB72	308+82.40	0.00'	490644.61	829263.02	863.79	EOP
FEB73	308+87.89	2.50' RT	490646.91	829268.61	864.14	BOC
FEB74	308+87.89	0.00'	490648.62	829266.78	863.72	EOP
FEB75	308+96.25	2.50' RT	490653.00	829274.33	864.00	BOC
FEB76	308+96.25	0.00'	490654.72	829272.51	863.63	EOP
FEB77	308+97.25	2.50' RT	490653.73	829275.01	863.62	BOC
FEB78	308+98.25	0.00'	490656.17	829273.88	863.61	EOP
FEB79	309+08.25	0.00'	490663.46	829280.72	863.49	EOP
FEB80	309+09.25	2.50' RT	490662.48	829283.22	863.48	BOC
FEB81	309+10.25	2.50' RT	490663.21	829283.91	863.84	BOC
FEB82	309+10.25	0.00'	490664.92	829282.09	863.47	EOP
FEB83	309+33.09	0.00'	490681.57	829297.72	863.21	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB84	309+33.09	2.50' RT	490679.86	829299.54	863.58	BOC
FEB85	309+34.09	2.50' RT	490680.59	829300.23	863.20	BOC
FEB86	309+35.09	0.00'	490683.03	829299.09	863.19	EOP
FEB87	309+45.10	0.00'	490690.33	829305.94	863.07	EOP
FEB88	309+46.10	2.50' RT	490689.35	829308.45	863.06	BOC
FEB89	309+47.10	2.50' RT	490690.07	829309.13	863.43	BOC
FEB90	309+47.10	0.00'	490691.79	829307.31	863.06	EOP
FEB91	308+33.73	1.75' RT	490605.10	829256.84	863.32	FL
FEB92	308+38.10	2.00' RT	490608.25	829254.02	863.45	FL
FEB93	308+43.82	2.00' RT	490612.54	829251.20	863.61	FL
FEB94	308+87.89	2.00' RT	490647.25	829268.24	863.64	FL
FEB95	308+96.25	2.00' RT	490653.35	829273.96	863.50	FL
FEB96	309+57.07	2.03' RT	490697.63	829315.62	863.35	FL
FEB97	308+33.70	24.39' LT	490586.34	829238.62	863.46	MATCH
FEB98	307+83.75	24.42' LT	490551.48	829274.40	0.00	MATCH
FEB99	307+83.73	0.00' LT	490568.97	829291.45	0.00	MATCH
FEB100	308+58.88	0.00'	490626.38	829248.50	863.84	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FEB101	308+58.88	2.00' RT	490625.76	829250.40	863.76	FL
FEB102	308+51.99	2.00' RT	490619.65	829249.52	863.71	FL



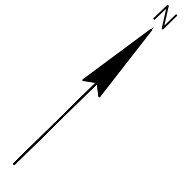
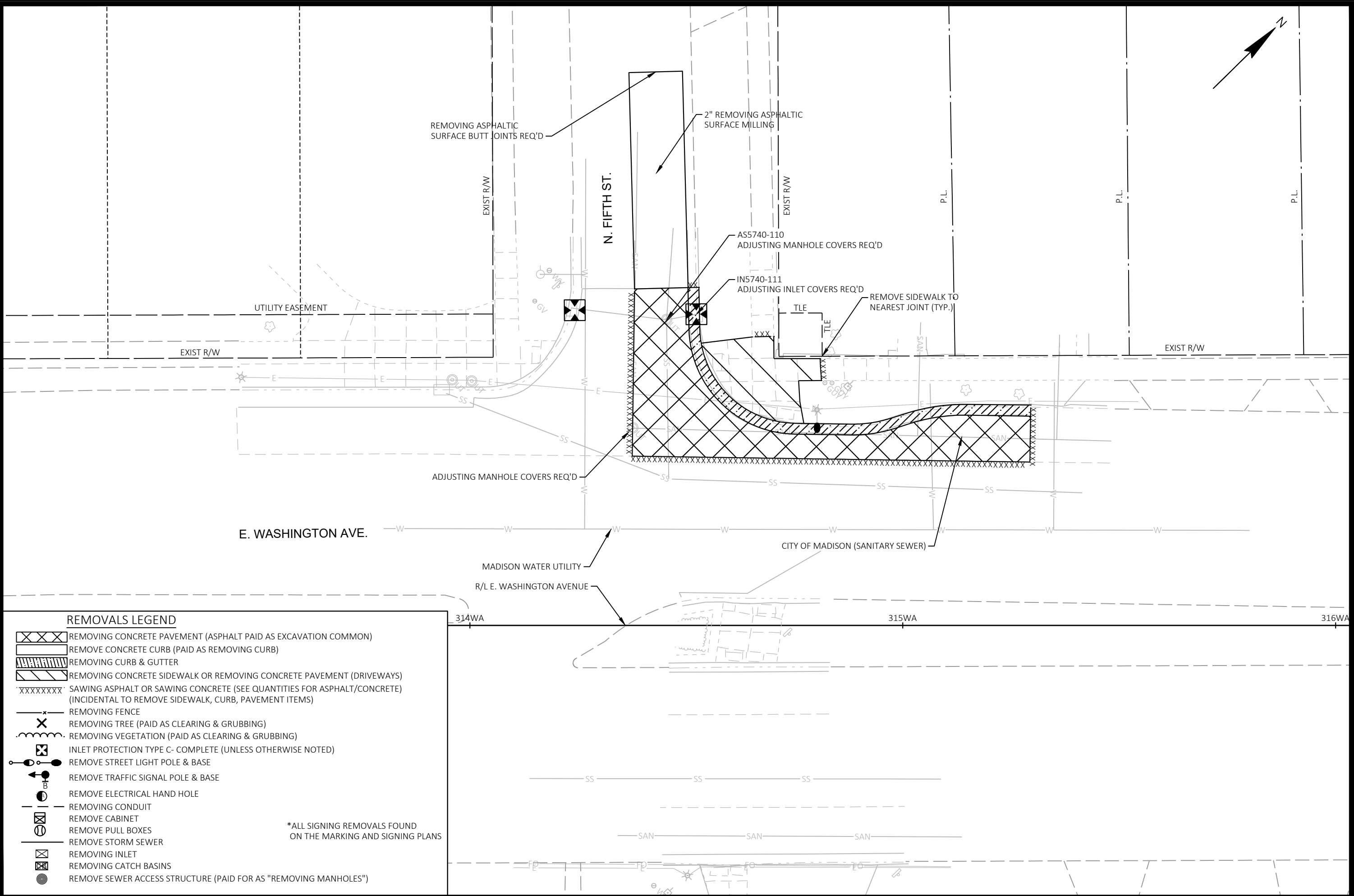
REVISION  
 DATE  
 BY  
 Scale: 1"=20 FT  
 Designed By: stw/mc Date: 2022-08-25  
 60631225P

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

**GRADING PLAN: EB E. WASHINGTON AVENUE AT FOURTH STREET BUMPOUT**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

**60631225P**  
**G38-E**

FILE NAME: C:\P\WORKING\AECOM\_D520\_NA\_2019\LYN21141\00107215\050306\_PN.DWG  
 LAST PLOT DATE: 2022-08-25  
 LAYOUT NAME: 050306.plt



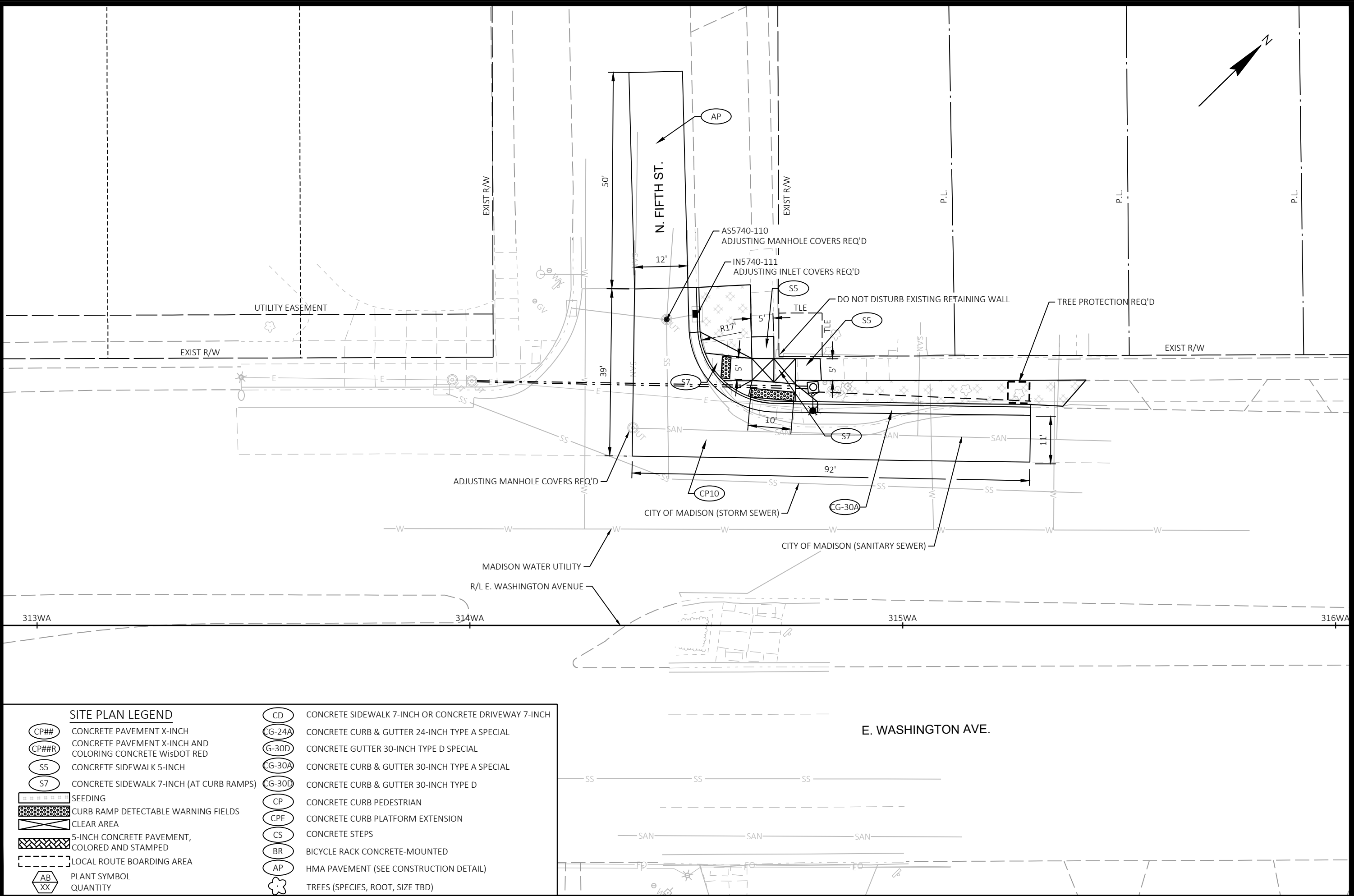
MARK	REVISION	DATE	BY
60631225P	Designed By: stmmw	Date: 2022-07-29	60631225P

**REMOVAL PLAN: WB E. WASHINGTON AVENUE AT FIFTH STREET BUMPOUT**      60631225P  
**BUS RAPID TRANSIT**      CITY OF MADISON, DANE COUNTY, WI  
**CITY OF MADISON**      CONTRACT NO: 60631225C

**REMOVALS LEGEND**

- REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
- REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
- REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
- SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
- REMOVING FENCE
- REMOVING TREE (PAID AS CLEARING & GRUBBING)
- REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
- INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
- REMOVE STREET LIGHT POLE & BASE
- REMOVE TRAFFIC SIGNAL POLE & BASE
- REMOVE ELECTRICAL HAND HOLE
- REMOVING CONDUIT
- REMOVE CABINET
- REMOVE PULL BOXES
- REMOVE STORM SEWER
- REMOVING INLET
- REMOVING CATCH BASINS
- REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS



MARK	REVISION	DATE	BY
60631225P	Designed By: stmmw	2022-08-02	60631225P

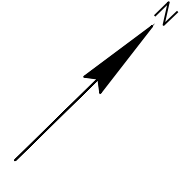
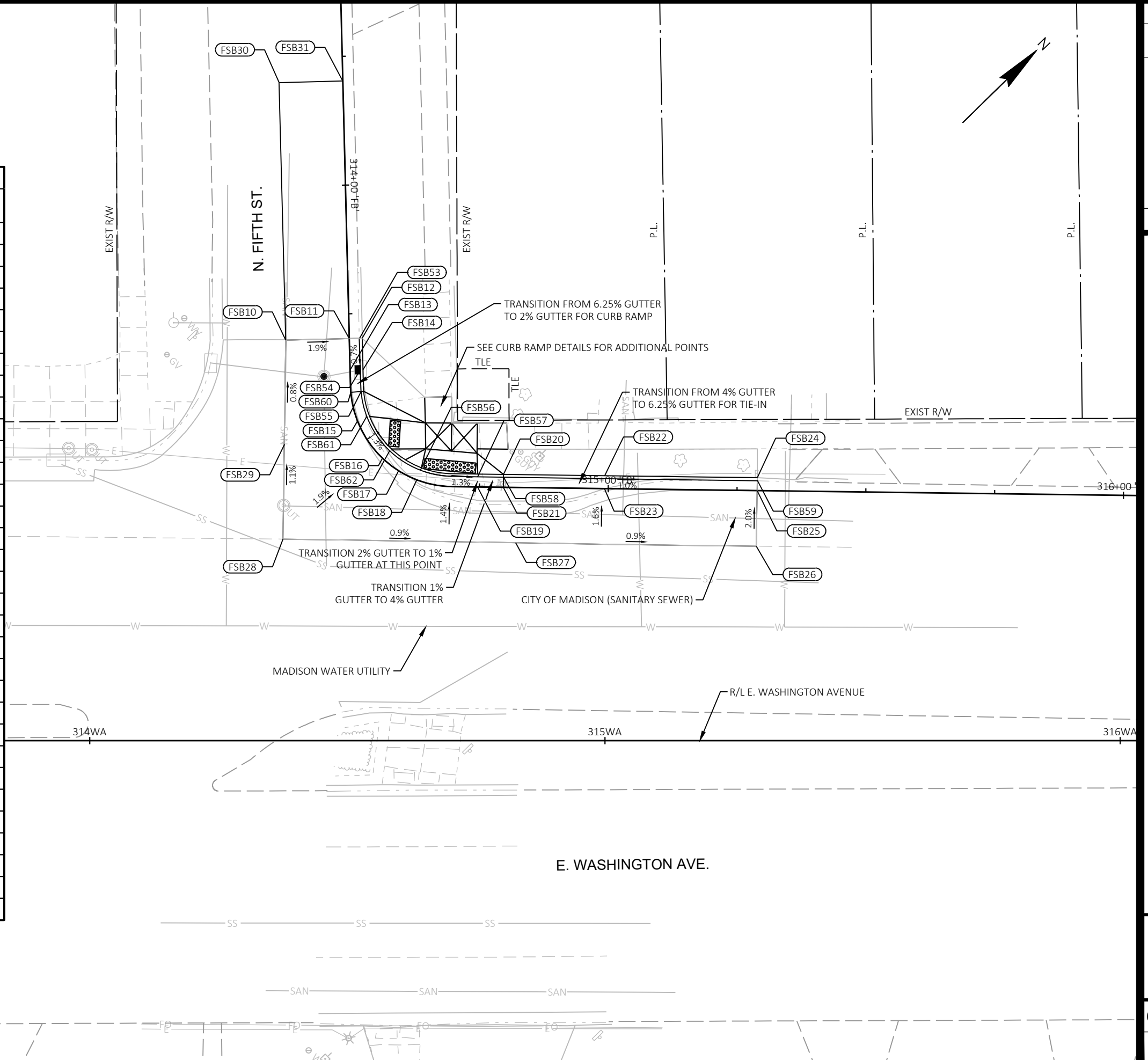
**SITE PLAN: WB E. WASHINGTON AVENUE AT FIFTH STREET BUMPOUT**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

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

**60631225P**  
**P39-E**

SITE PLAN LEGEND	
	CP## CONCRETE PAVEMENT X-INCH
	CP##R CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WISDOT RED
	S5 CONCRETE SIDEWALK 5-INCH
	S7 CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)
	SEEDING
	CURB RAMP DETECTABLE WARNING FIELDS
	CLEAR AREA
	5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED
	LOCAL ROUTE BOARDING AREA
	AB XX PLANT SYMBOL QUANTITY
	CD CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH
	CG-24A CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL
	G-30D CONCRETE GUTTER 30-INCH TYPE D SPECIAL
	CG-30A CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL
	CG-30D CONCRETE CURB & GUTTER 30-INCH TYPE D
	CP CONCRETE CURB PEDESTRIAN
	CPE CONCRETE CURB PLATFORM EXTENSION
	CS CONCRETE STEPS
	BR BICYCLE RACK CONCRETE-MOUNTED
	AP HMA PAVEMENT (SEE CONSTRUCTION DETAIL)
	TREES (SPECIES, ROOT, SIZE TBD)

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
FSB10	314+29.80 'FB'	12.36' RT	491135.51	829554.56	859.16	MATCH
FSB11	314+29.79 'FB'	0.01' RT	491144.55	829562.97	858.92	MATCH
FSB12	314+29.79 'FB'	2.49' LT	491146.38	829564.68	859.34	MATCH
FSB13	314+35.90 'FB'	0.00' RT	491140.38	829567.44	858.92	EOP L.P.
FSB14	314+35.91 'FB'	2.51' LT	491142.21	829569.16	859.29	BOC
FSB15	314+45.99 'FB'	0.00' RT	491134.47	829575.53	859.00	EOP
FSB16	314+54.76 'FB'	0.00'	491132.87	829584.08	859.11	EOP
FSB17	314+58.71 'FB'	0.00'	491133.40	829588.00	859.16	EOP
FSB18	314+62.68 'FB'	0.00'	491134.68	829591.74	859.20	EOP H.P.
FSB19	314+74.63 'FB'	0.00'	491142.14	829600.98	859.09	EOP
FSB20	314+79.63 'FB'	2.51' LT	491147.44	829602.76	859.46	BOC
FSB21	314+79.63 'FB'	0.00'	491145.67	829604.53	859.04	EOP
FSB22	314+99.28 'FB'	2.50' LT	491161.29	829616.70	859.23	BOC
FSB23	314+99.28 'FB'	0.00'	491159.51	829618.46	858.84	EOP
FSB24	315+28.91 'FB'	2.51' LT	491182.18	829637.72	858.86	MATCH
FSB25	315+28.91 'FB'	0.00'	491180.40	829639.48	858.55	MATCH
FSB26	315+28.88 'FB'	10.79' RT	491172.72	829647.06	858.77	MATCH
FSB27	314+82.17 'FB'	10.72' RT	491139.85	829613.88	859.17	MATCH
FSB28	314+53.34 'FB'	24.79' RT	491108.10	829581.77	859.58	MATCH
FSB29	314+45.45 'FB'	14.86' RT	491121.18	829568.82	859.32	MATCH
FSB30	313+79.80 'FB'	12.37' RT	491169.60	829517.98	863.52	MATCH
FSB31	313+79.79 'FB'	0.01' RT	491178.65	829526.41	863.52	MATCH
FSB53	314+29.79 'FB'	1.99' LT	491146.01	829564.34	859.10	FL
FSB54	314+35.91 'FB'	2.00' LT	491141.84	829568.81	858.79	FL
FSB55	314+40.25 'FB'	2.00' LT	491138.98	829571.92	858.87	FL
FSB56	314+62.68 'FB'	2.00' LT	491136.50	829590.91	859.16	FL
FSB57	314+74.63 'FB'	2.00' LT	491143.56	829599.57	859.06	FL
FSB58	314+79.63 'FB'	2.00' LT	491147.08	829603.12	858.96	FL
FSB59	315+28.91 'FB'	2.00' LT	491181.82	829638.07	858.39	FL
FSB60	314+40.25 'FB'	0.00'	491137.44	829570.65	858.93	EOP
FSB61	314+45.76 'FB'	2.00' LT	491136.39	829576.13	858.96	FL
FSB62	314+54.77 'FB'	2.00' LT	491134.87	829584.02	859.07	FL



REVISION  
 MARK  
 Designed By: stmmw  
 Date: 2022-07-29  
 Scale: 1"=20 FT  
 60631225P

**GRADING PLAN: WB E. WASHINGTON AVENUE AT FIFTH STREET BUMPOUT**  
**BUS RAPID TRANSIT**  
**CITY OF MADISON**

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

60631225P  
**G39-E**

FILE NAME: C:\P\WORKING\AECOM\_DS20\_NA\_2019\CAR28015\0107215\050309\_P\N.DWG  
 LAYOUT NAME: 050309.plt  
 LAST PLOT DATE: 2022-07-29



E. JOHNSON ST.

EXIST R/W



R/L EAST WASHINGTON AVENUE

E. WASHINGTON AVE.

343WA

344WA

345WA

CITY OF MADISON (SANITARY SEWER)

CITY OF MADISON (STORM SEWER)

ADJUST WATER VALVE REQ'D,  
ONE BURIED UNDER EX CONCRETE

RP5938-081  
REMOVING 12" STORM SEWER

REMOVE SIDEWALK TO  
NEAREST JOINT (TYP.)

EXISTING INLET TO REMAIN




















EXIST R/W

IN5938-081  
INLET TO REMAIN

REMOVE AND SALVAGE EXISTING  
BENCH AND TRASH CAN (BY OTHERS)

CAUTION. EXISTING LIGHT TO REMAIN.  
PROTECT AND ADJUST CONDUIT AS NEEDED

**REMOVALS LEGEND**

-  REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
-  REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
-  REMOVING CURB & GUTTER
-  REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
-  SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE)  
(INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
-  REMOVING FENCE
-  REMOVING TREE (PAID AS CLEARING & GRUBBING)
-  REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
-  INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
-  REMOVE STREET LIGHT POLE & BASE
-  REMOVE TRAFFIC SIGNAL POLE & BASE
-  REMOVE ELECTRICAL HAND HOLE
-  REMOVING CONDUIT
-  REMOVE CABINET
-  REMOVE PULL BOXES
-  REMOVE STORM SEWER
-  REMOVING INLET
-  REMOVING CATCH BASINS
-  REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND  
ON THE MARKING AND SIGNING PLANS

MARK	REVISION	DATE	BY

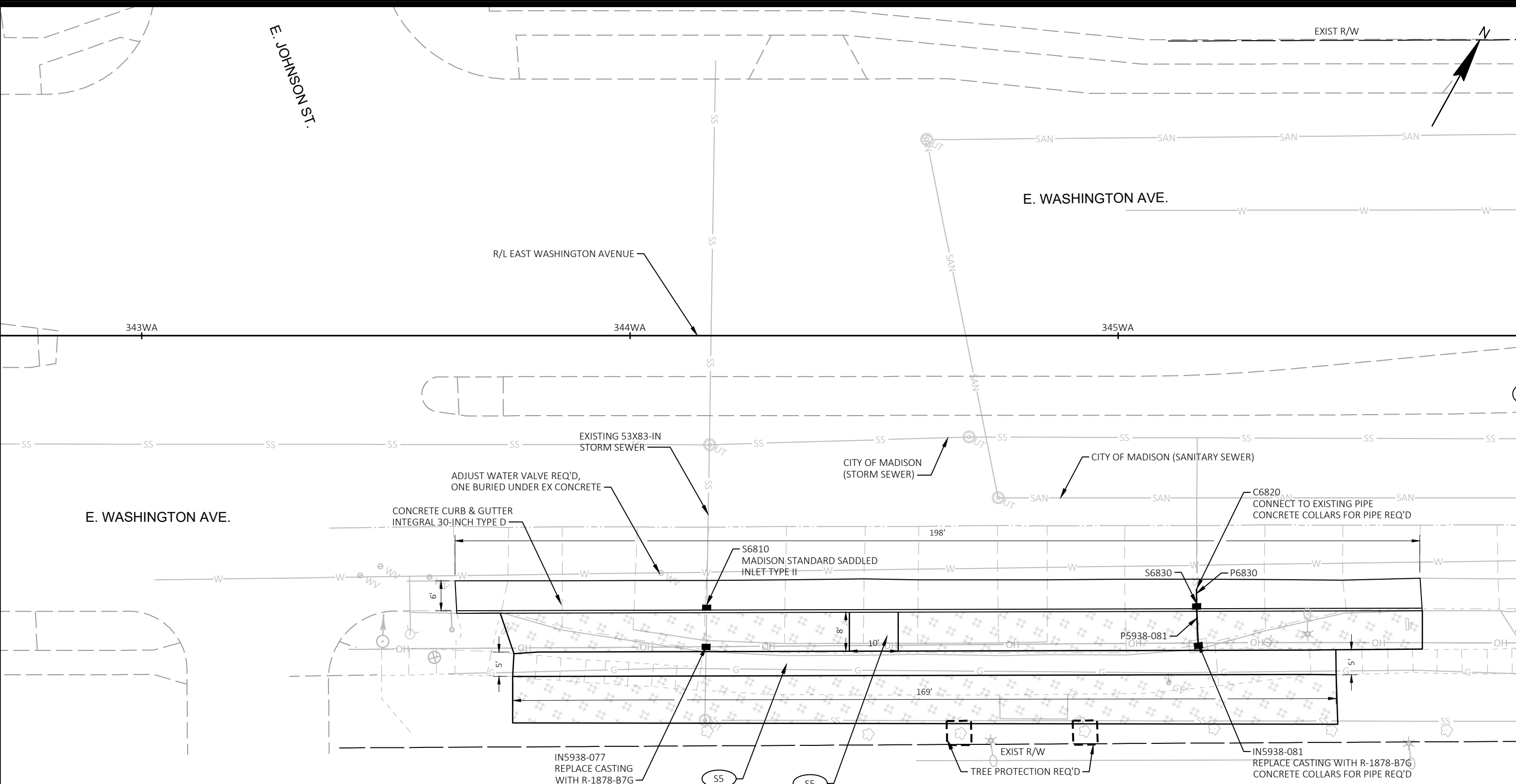
Designed By: stmmw Date: 2022-07-29 Scale: 1"=20 FT  
60631225P

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



60631225P

R40-E



MARK	REVISION	DATE	BY
60631225P	Designed By: STRAND	Date: 2022-08-24	60631225P
		Scale: 1"=20 FT	

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



60631225P  
 P40-E

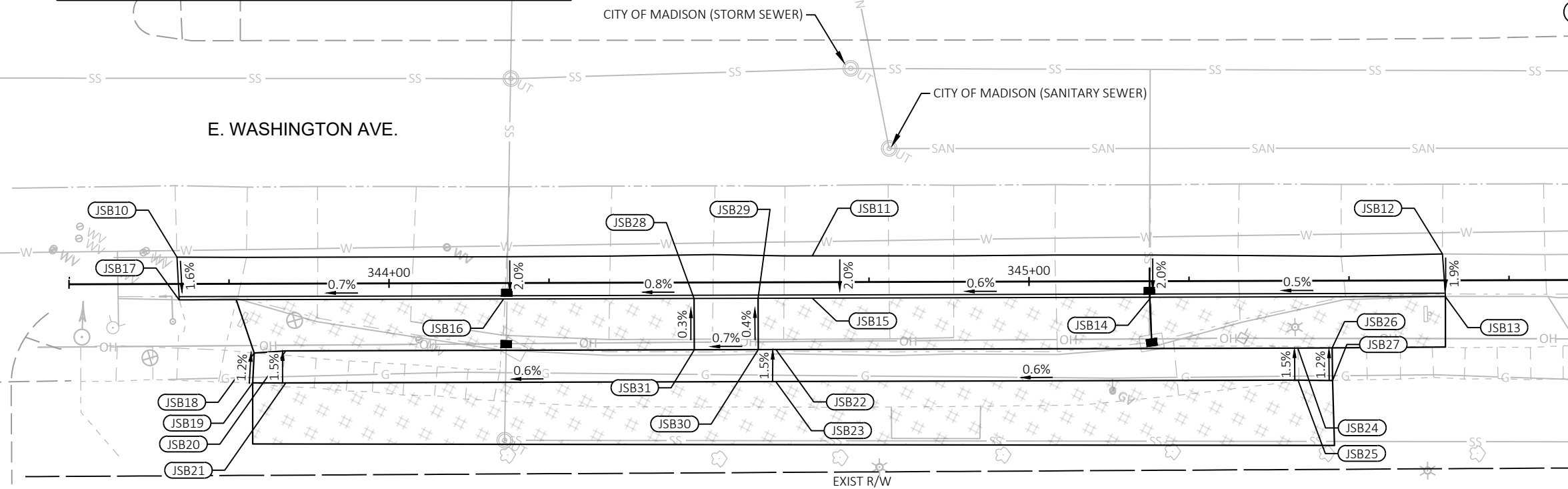
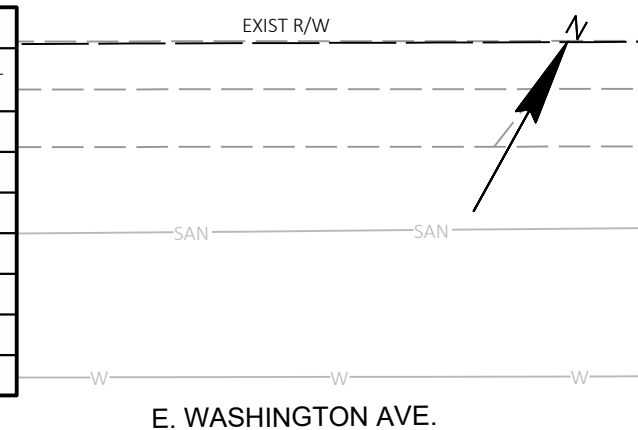
**SITE PLAN LEGEND**


- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>CP## CONCRETE PAVEMENT X-INCH</li> <li>CP##R CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WisDOT RED</li> <li>S5 CONCRETE SIDEWALK 5-INCH</li> <li>S7 CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)</li> <li>SEEDING</li> <li>CURB RAMP DETECTABLE WARNING FIELDS</li> <li>CLEAR AREA</li> <li>5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED</li> <li>LOCAL ROUTE BOARDING AREA</li> <li>PLANT SYMBOL QUANTITY</li> </ul> | <ul style="list-style-type: none"> <li>CD CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH</li> <li>CG-18A CONCRETE CURB &amp; GUTTER 18-INCH TYPE A SPECIAL</li> <li>G-30D CONCRETE GUTTER 30-INCH TYPE D SPECIAL</li> <li>CG-30A CONCRETE CURB &amp; GUTTER 30-INCH TYPE A SPECIAL</li> <li>CG-30D CONCRETE CURB &amp; GUTTER 30-INCH TYPE D</li> <li>CP CONCRETE CURB PEDESTRIAN</li> <li>CPE CONCRETE CURB PLATFORM EXTENSION</li> <li>CS CONCRETE STEPS</li> <li>BR BICYCLE RACK CONCRETE-MOUNTED</li> <li>AP HMA PAVEMENT (SEE CONSTRUCTION DETAIL)</li> <li>TREES (SPECIES, ROOT, SIZE TBD)</li> </ul> |
|---|---|

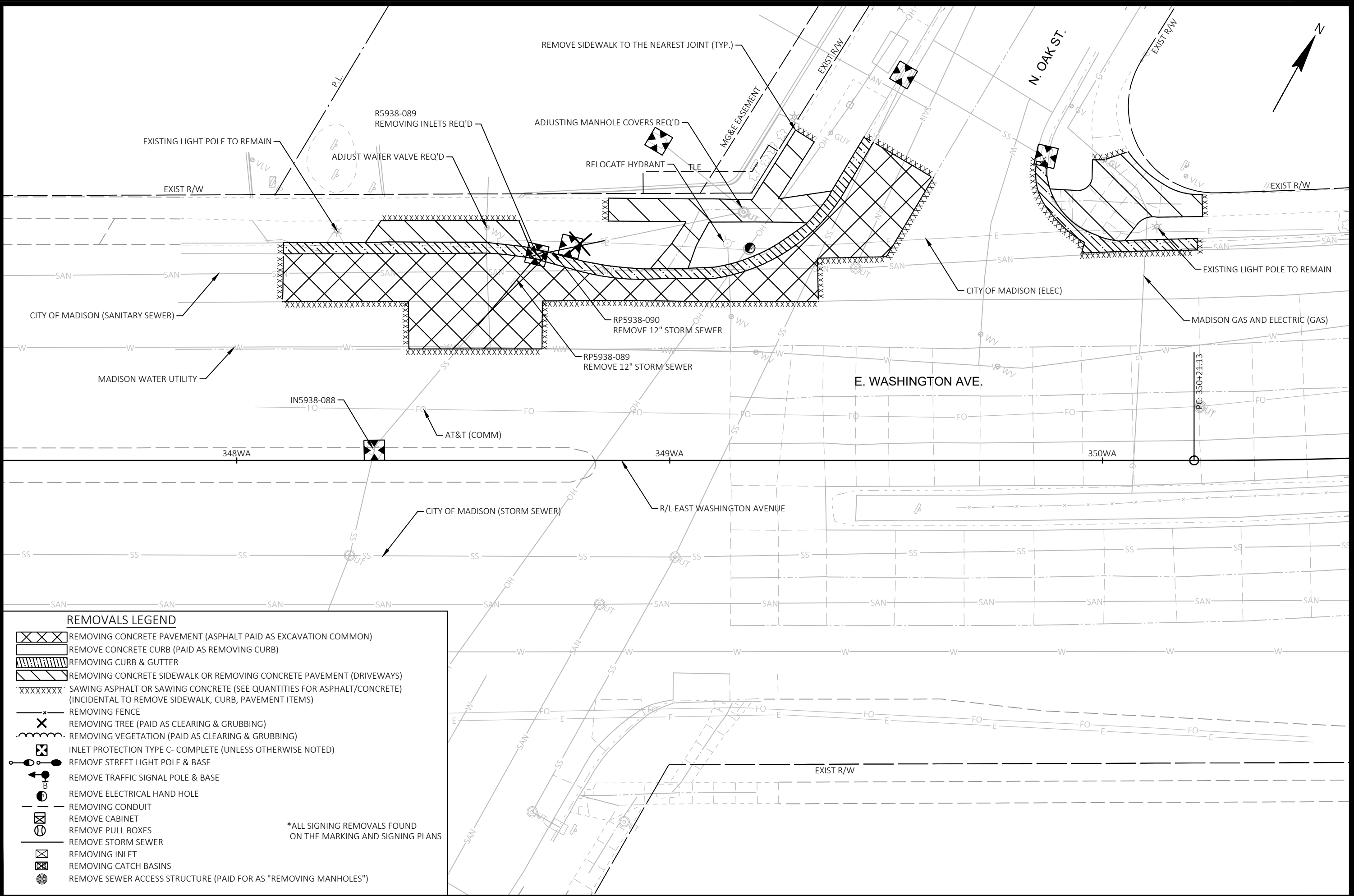
E. JOHNSON ST.

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
JSB10	343+66.87	4.18' LT	493090.49	831656.55	852.81	MATCH
JSB11	344+66.14	4.11' LT	493138.83	831743.27	853.55	MATCH
JSB12	345+64.58	4.14' LT	493186.86	831829.20	854.11	MATCH
JSB13	345+65.00	2.50' RT	493181.26	831832.80	854.42	MATCH
JSB14	345+19.06	2.50' RT	493158.86	831792.69	854.24	BOC
JSB15	344+66.12	2.50' RT	493133.05	831746.47	853.93	BOC
JSB16	344+17.89	2.50' RT	493109.53	831704.36	853.56	BOC
JSB17	343+67.20	2.50' RT	493084.82	831660.10	853.21	MATCH
JSB18	343+78.92	10.83' RT	493083.26	831674.39	853.42	MATCH
JSB19	343+78.64	15.49' RT	493079.05	831676.43	853.47	MATCH
JSB20	343+83.83	10.50' RT	493085.94	831678.53	853.44	FOW
JSB21	343+83.83	15.50' RT	493081.58	831680.96	853.52	BOW
JSB22	344+60.43	10.50' RT	493123.29	831745.40	853.94	FOW
JSB23	344+60.40	15.50' RT	493118.91	831747.81	854.02	BOW
JSB24	345+41.95	10.50' RT	493163.03	831816.58	854.47	FOW

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
JSB25	345+41.96	15.50' RT	493158.67	831819.03	854.54	BOW
JSB26	345+47.32	10.47' RT	493165.68	831821.25	854.51	MATCH
JSB27	345+47.36	15.59' RT	493161.23	831823.78	854.57	MATCH
JSB28	344+47.65	2.50' RT	493124.04	831730.35	853.84	BOC
JSB29	344+57.65	2.50' RT	493128.92	831739.08	853.89	BOC
JSB30	344+57.65	10.50' RT	493121.93	831742.98	853.92	FOW
JSB31	344+47.65	10.50' RT	493117.06	831734.25	853.86	FOW



MARK	REVISION	DATE	BY
Designed By: stwmc			Date: 2022-07-29
Scale: 1"=20 FT			
<b>GRADING PLAN: WB E. WASHINGTON AVENUE AT E. JOHNSON STREET BUMPOUT 60631225P</b> <b>BUS RAPID TRANSIT</b> <b>CITY OF MADISON</b> CITY OF MADISON, DANE COUNTY, WI CONTRACT NO: 60631225C			
			
FILE NAME : C:\P\WORKING\AECOM_DS20_NA_2019\CAR28015\0107215\050312_PN.DWG LAYOUT NAME - 050312.plt LAST PLOT DATE - 2022-07-29			
60631225P <b>G40-E</b>			



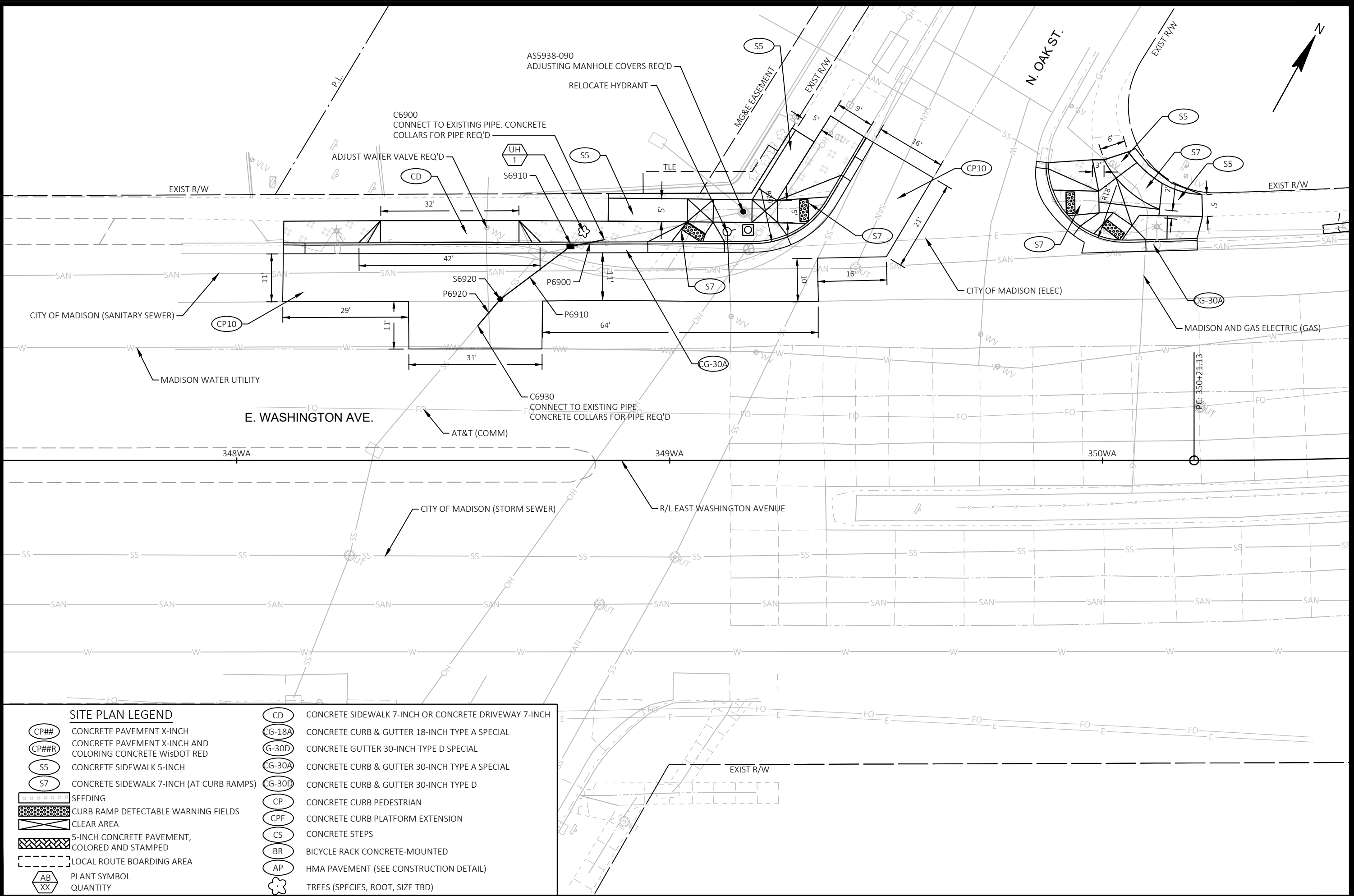
MARK	REVISION	DATE	BY
60631225P	Designed By: stwmc	Date: 2022-07-29	60631225P
			Scale: 1"=20 FT

REMOVAL PLAN: WB E. WASHINGTON AVENUE AT N. OAK STREET  
 BUS RAPID TRANSIT  
**CITY OF MADISON**  
 60631225P  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 60631225P  
 R41-E

**REMOVALS LEGEND**

- REMOVING CONCRETE PAVEMENT (ASPHALT PAID AS EXCAVATION COMMON)
- REMOVE CONCRETE CURB (PAID AS REMOVING CURB)
- REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK OR REMOVING CONCRETE PAVEMENT (DRIVEWAYS)
- SAWING ASPHALT OR SAWING CONCRETE (SEE QUANTITIES FOR ASPHALT/CONCRETE) (INCIDENTAL TO REMOVE SIDEWALK, CURB, PAVEMENT ITEMS)
- REMOVING FENCE
- REMOVING TREE (PAID AS CLEARING & GRUBBING)
- REMOVING VEGETATION (PAID AS CLEARING & GRUBBING)
- INLET PROTECTION TYPE C- COMPLETE (UNLESS OTHERWISE NOTED)
- REMOVE STREET LIGHT POLE & BASE
- REMOVE TRAFFIC SIGNAL POLE & BASE
- REMOVE ELECTRICAL HAND HOLE
- REMOVING CONDUIT
- REMOVE CABINET
- REMOVE PULL BOXES
- REMOVE STORM SEWER
- REMOVING INLET
- REMOVING CATCH BASINS
- REMOVE SEWER ACCESS STRUCTURE (PAID FOR AS "REMOVING MANHOLES")

\*ALL SIGNING REMOVALS FOUND ON THE MARKING AND SIGNING PLANS



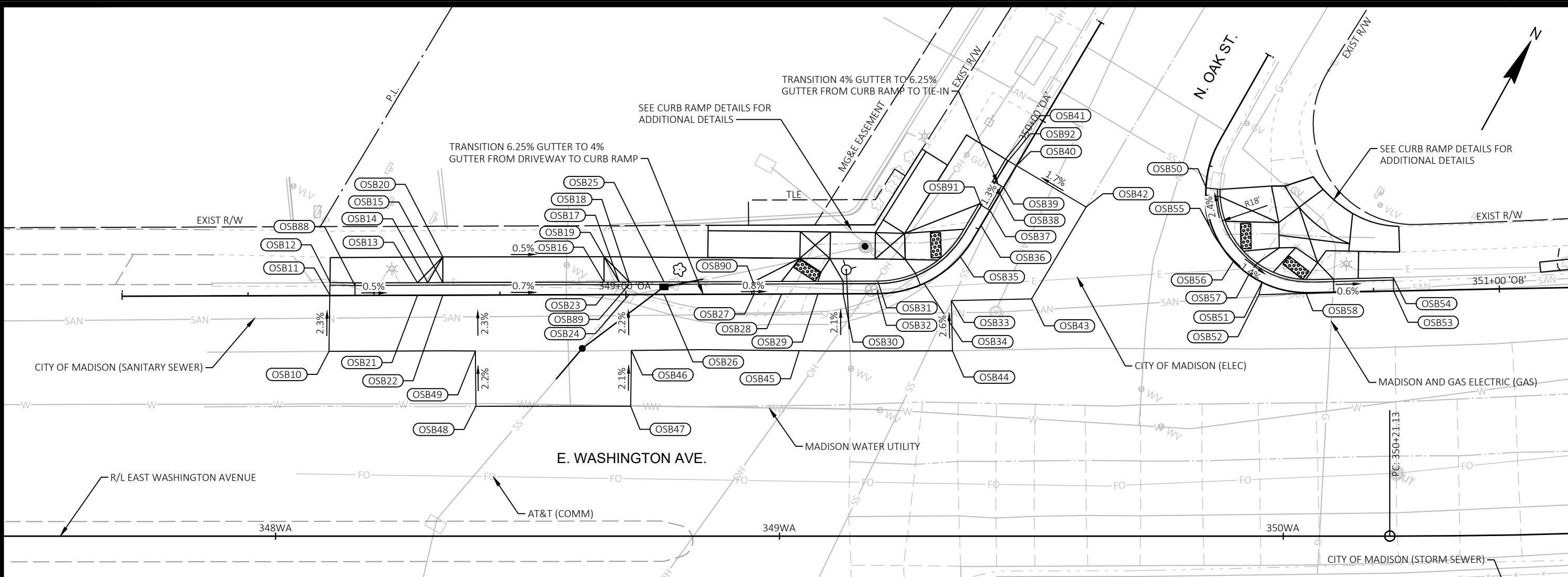
MARK	REVISION	DATE	BY
Designed By: stwmc			Date: 2022-08-25
60631225P			Scale: 1"=20 FT

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

SITE PLAN: WB E. WASHINGTON AVENUE AT N. OAK STREET BUMPOUT  
 60631225P  
 P41-E

**SITE PLAN LEGEND**

- |  |   |  |  |
|--|---|--|--|
|  | CONCRETE PAVEMENT X-INCH                                  |  | CONCRETE SIDEWALK 7-INCH OR CONCRETE DRIVEWAY 7-INCH |
|  | CONCRETE PAVEMENT X-INCH AND COLORING CONCRETE WisDOT RED |  | CONCRETE CURB & GUTTER 18-INCH TYPE A SPECIAL        |
|  | CONCRETE SIDEWALK 5-INCH                                  |  | CONCRETE GUTTER 30-INCH TYPE D SPECIAL               |
|  | CONCRETE SIDEWALK 7-INCH (AT CURB RAMPS)                  |  | CONCRETE CURB & GUTTER 30-INCH TYPE A SPECIAL        |
|  | SEEDING   |  | CONCRETE CURB & GUTTER 30-INCH TYPE D                |
|  | CURB RAMP DETECTABLE WARNING FIELDS                       |  | CONCRETE CURB PEDESTRIAN                             |
|  | CLEAR AREA  |  | CONCRETE CURB PLATFORM EXTENSION                     |
|  | 5-INCH CONCRETE PAVEMENT, COLORED AND STAMPED             |  | CONCRETE STEPS                                       |
|  | LOCAL ROUTE BOARDING AREA                                 |  | BICYCLE RACK CONCRETE-MOUNTED                        |
|  | PLANT SYMBOL  |  | HMA PAVEMENT (SEE CONSTRUCTION DETAIL)               |
|  | QUANTITY  |  | TREES (SPECIES, ROOT, SIZE TBD)                      |



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
OSB10	348+41.03 'OA'	11.07' RT	493383.08	832004.78	855.02	MATCH
OSB11	348+41.30 'OA'	0.00' RT	493392.88	831999.62	854.77	MATCH
OSB12	348+41.30 'OA'	2.64' LT	493395.18	831998.33	855.04	MATCH
OSB13	348+58.63 'OA'	2.49' LT	493403.51	832013.52	855.06	BOC
OSB14	348+60.67 'OA'	2.49' LT	493404.50	832015.31	854.67	BOC
OSB15	348+63.67 'OA'	2.49' LT	493405.97	832017.92	854.65	BOC
OSB16	348+95.67 'OA'	2.49' LT	493421.59	832045.85	854.42	BOC
OSB17	348+98.67 'OA'	2.50' LT	493423.06	832048.47	854.40	BOC
OSB18	349+00.67 'OA'	2.50' LT	493424.03	832050.22	854.76	BOC
OSB19	348+95.67 'OA'	7.51' LT	493425.97	832043.40	854.75	FOW
OSB20	348+63.67 'OA'	7.61' LT	493410.44	832015.43	854.91	FOW
OSB21	348+58.63 'OA'	0.01' RT	493401.33	832014.74	854.68	EOP
OSB22	348+63.67 'OA'	0.01' RT	493403.79	832019.15	854.65	EOP
OSB23	348+95.67 'OA'	0.01' RT	493419.41	832047.07	854.42	EOP
OSB24	349+00.67 'OA'	0.00' RT	493421.85	832051.44	854.39	EOP
OSB25	349+07.55 'OA'	2.50' LT	493427.39	832056.22	854.72	BOC
OSB26	349+07.55 'OA'	0.00' RT	493425.21	832057.44	854.33	EOP
OSB27	349+25.41 'OA'	0.00' RT	493433.93	832073.03	854.19	EOP

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
OSB28	349+30.91 'OA'	0.00' RT	493436.62	832077.83	854.14	EOP
OSB29	349+38.11 'OA'	0.00' RT	493440.13	832084.11	854.09	EOP
OSB30	349+43.11 'OA'	0.00' RT	493442.57	832088.48	854.04	EOP
OSB31	349+50.00 'OA'	2.50' LT	493448.12	832093.27	854.39	BOC
OSB32	349+50.00 'OA'	0.00' RT	493445.94	832094.49	853.97	EOP
OSB33	349+62.26 'OA'	5.61' RT	493451.82	832107.93	853.85	MATCH
OSB34	349+59.47 'OA'	0.00'	493452.17	832101.52	853.88	EOP
OSB35	349+68.46 'OA'	0.00'	493460.30	832105.21	853.78	EOP
OSB36	349+75.90 'OA'	0.00'	493467.70	832105.82	853.69	EOP
OSB37	349+79.37 'OA'	0.00'	493471.17	832105.92	853.64	EOP
OSB38	349+84.69 'OA'	2.47' LT	493476.56	832103.60	853.96	BOC
OSB39	349+84.70 'OA'	0.03' RT	493476.50	832106.10	853.57	EOP
OSB40	349+89.70 'OA'	0.00' LT	493481.50	832106.21	853.50	EOP
OSB41	349+89.68 'OA'	2.50' LT	493481.55	832103.71	853.88	BOC
OSB42	349+89.68 'OA'	16.10' RT	493481.03	832122.30	853.77	MATCH
OSB43	349+70.29 'OA'	16.30' RT	493459.85	832121.68	853.75	MATCH
OSB44	349+59.16 'OA'	14.50' RT	493443.22	832112.93	854.11	MATCH
OSB45	349+34.34 'OA'	11.27' RT	493428.46	832086.32	854.35	MATCH

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	COMMENT
OSB46	349+01.03 'OA'	11.09' RT	493412.35	832057.17	854.63	MATCH
OSB47	349+00.89 'OA'	22.15' RT	493402.63	832062.44	854.86	MATCH
OSB48	348+70.13 'OA'	22.07' RT	493387.69	832035.56	855.09	MATCH
OSB49	348+70.08 'OA'	11.09' RT	493397.24	832030.15	854.86	MATCH
OSB50	350+29.45 'OB'	0.11' LT	493495.93	832141.30	853.52	MATCH
OSB51	350+52.56 'OB'	0.04' LT	493484.93	832160.07	853.43	MATCH
OSB52	350+53.02 'OB'	2.46' RT	493482.47	832160.71	853.37	MATCH
OSB53	350+79.01 'OB'	0.00'	493496.08	832183.76	853.26	MATCH
OSB54	350+79.00 'OB'	2.68' LT	493498.38	832182.40	853.63	MATCH
OSB55	350+37.20 'OB'	0.38' RT	493489.51	832145.67	853.56	MATCH
OSB56	350+45.42 'OB'	0.20' LT	493485.99	832153.09	853.51	MATCH
OSB57	350+49.49 'OB'	0.17' LT	493485.14	832157.03	853.49	MATCH
OSB58	350+61.64 'OB'	0.13' RT	493487.24	832168.80	853.33	MATCH
OSB88	348+46.23 'OA'	1.99' LT	493397.02	832002.95	854.62	FL
OSB89	349+00.67 'OA'	1.99' LT	493423.60	832050.46	854.26	FL
OSB90	349+25.41 'OA'	2.00' LT	493435.68	832072.05	854.11	FL
OSB91	349+79.37 'OA'	1.98' LT	493471.23	832103.94	853.56	FL
OSB92	349+89.69 'OA'	1.86' LT	493481.54	832104.35	853.37	FL

GRADING PLAN: WB E. WASHINGTON AVENUE AT N. OAK STREET BUMPOUT 60631225P  
 BUS RAPID TRANSIT CITY OF MADISON  
 CITY OF MADISON, DANE COUNTY, WI  
 CONTRACT NO: 60631225C  
 CITY OF MADISON  
 60631225P  
 G41-E

FILE NAME: C:\P\WORKING\G\COM\_D520\_NA\_2019\LYN21141\00107215\050815\_PN.DWG  
 LAYOUT NAME: 050315.plt  
 LAST PLOT DATE: 2022-08-25  
 MARK: Designed By: stmw Date: 2022-08-25  
 REVISION: 60631225P  
 DATE: 1"=20 FT

# STORM SEWER SCHEDULE

EAST-WEST BUS RAPID TRANSIT PROJECT NO. 12777	SHEET NO. U-STM
STORM SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE/CASTING	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>SITE 61 (LIVINGSTON)</b>							
IN5247-207	228+39.51	LT 52.5	EX. INLET	848.88	846.45	2.43	ADJUSTING INLET COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
S6110	228+99.20	LT 53.3	2X3/SALVAGED CASTING	848.61	845.59	3.02	USE CASTING FROM IN5247-206
C6120	228+99.46	LT 42.6	CONNECTION			0	CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
IN5247-198	230+17.28	LT 52.6	EX. INLET	848.96			ADJUSTING INLET COVERS REQ'D
IN5247-202	229+27.77	RT 54.9	EX. INLET	849.1			ADJUSTING INLET COVERS REQ'D
C6130	229+55.96	RT 84.5	CONNECTION		845.8		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
S6140	229+58.53	RT 78.1	2X3/SALVAGED CASTING	848.68	845.77	2.91	USE CASTING FROM IN5247-115
S6150	229+88.64	RT 77.6	2X3/SALVAGED CASTING	848.79	844.75	4.04	USE CASTING FROM IN5247-114
IN5247-116	229+93.81	RT 95.9	EX. INLET	848.86	846.01	2.85	ADJUSTING INLET COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
S6160	230+21.59	RT 54.8	5-FI/SALVAGED CASTING	848.97	843.28	5.69	FLAT TOP SLAB REQ'D USE CASTING FROM IN5247-113
C6170	230+21.18	RT 62.9	CONNECTION		843.92		CONNECT TO EXISTING PIPE
C6180	230+21.44	RT 43.9	CONNECTION			0	CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
S6190	230+54.12	RT 54.7	2X3/H	848.92	845.17	3.75	
IN5247-118	230+83.21	RT 54.7	EX. INLET	849.03	846.12	2.91	ADJUSTING INLET COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D

## SITE 62 (BREARLY)

S6250	241+67.66	LT 47.7	EX. INLET	849.76	845.95	3.81	ADJUSTING INLET COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
S6210	242+15.00	LT 47.6	4-FI/SALVAGED CASTING	849.57	845.44	4.13	FLAT TOP SLAB REQ'D USE CASTING FROM R5346-098
S6220	242+27.37	LT 43.1	4-FI/J-S	849.24	845.27	3.97	FLAT TOP SLAB REQ'D
C6225	242+29.29	LT 43.9	CONNECTION		845.53		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
C6230	242+24.12	LT 38.1	CONNECTION				CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
AS5346-101	242+49.86	LT 50.9	EX. MANHOLE	849.34			ADJUSTING MANHOLE COVERS REQ'D
AS5346-102	242+76.05	LT 64.7	EX. MANHOLE	848.95			ADJUSTING MANHOLE COVERS REQ'D
IN5346-104	242+82.21	LT 66.9	EX. INLET	848.87			ADJUSTING INLET COVERS REQ'D
S6250	243+10.69	RT 75.8	2X3/H	849.12	844.98	4.14	
C6240	243+02.59	RT 75.5	CONNECTION			0	CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<b>SITE 61 (LIVINGSTON)</b>										
P5247-207	S6110	IN5247-207	845.59	846.45	60		1.43%	12"	RCP C-IV	
P6110	C6120	S6110	845.52	845.59	10		0.70%	12"	RCP C-IV	
P6130	S6140	C6130	845.76	845.8	8		0.50%	18"	RCP C-IV	
P6140	S6150	S6140	845.26	845.77	30		1.70%	18"	RCP C-IV	
P6150	S6160	S6150	843.95	844.75	40		2.00%	18"	RCP C-IV	
P5247-116	S6150	IN5247-116	845.91	846.01	20		0.50%	12"	RCP C-IV	
P6160	C6180	S6160	841.82	843.28	11		13.27%	24"	RCP C-IV	
P6170	S6160	C6170	843.88	843.92	8		0.50%	18"	PVC	
P6190	S6160	S6190	844.12	845.17	33		3.18%	12"	RCP C-IV	
P1547-118	S6190	IN5247-118	845.17	846.12	29		3.28%	12"	RCP C-IV	
<b>SITE 62 (BREARLY)</b>										
P5346-099		IN5346-099	845.44	845.95	47		1.09%	12"	RCP C-IV	
P6210	S6220	S6210	845.34	845.44	10		1.00%	12"	RCP C-IV	
P6220	C6230	S6220	845.11	845.27	5		3.20%	12"	RCP C-IV	
P6225	S6220	C6225	845.47	845.53	5		1.20%	12"	RCP C-IV	
P5346-109	C6240	S6250	844.42	844.98	8		7.00%	12"	RCP C-IV	

DATE	BY
2022-07-29	
REVISION	
MARK	
Designed By: stwmc	
Date: 2022-07-29	
60631225P	
Scale: 1"=20 FT	

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

60631225P  
 SS-1

# STORM SEWER SCHEDULE

EAST-WEST BUS RAPID TRANSIT  
PROJECT NO. 12777  
SHEET NO. U-STM  
STORM SEWER SCHEDULE  
CITY OF MADISON

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE/CASTING	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>SITE 63 (FEW)</b>							
IN5445-067	255+03.84	LT 47.9	EX. INLET	850.85	845.43	5.42	ADJUSTING INLET COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
S6310	255+80.15	LT 47.9	2X3/SALVAGED CASTING	850.48	845	5.48	USE CASTING FROM R5445-099
C3115	255+80.62	LT 37.8	CONNECTION		844.95		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
S6320	256+04.56	LT 78.1	2X3/SALVAGED CASTING	849.9	845.16	4.74	USE CASTING FROM R5445-071
S6325	256+28.02	LT 78.2	4-FIT/J-S	879.76	844.37	35.39	
AS5445-069	256+28.64	LT 67.8	EX. MANHOLE	849.82		849.82	ADJUSTING MANHOLE COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
S6340	256+33.60	LT 78.2	2X3/H	850.07	844.3	5.77	
C6348	256+27.56	LT 86.1	CONNECTION		844.41		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
AS5445-072	256+40.67	LT 66.5	EX. MANHOLE	850.24	844.33	5.91	ADJUSTING MANHOLE COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
S6360	256+76.82	LT 48.2	2X3/H	850.29	844.99	5.3	
C6365	256+76.63	LT 37.0	CONNECTION		844.94		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
S6370	255+77.81	RT 54.3	2X3/SALVAGED CASTING	850.41	845.44	4.97	USE CASTING FROM R5445-063
C6375	255+79.52	RT 43.7	CONNECTION		843.14		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
S6380	256+75.00	RT 54.3	2X3/SALVAGED CASTING	850.17	845.95	4.22	USE CASTING FROM R5445-076
C6385	256+75.35	RT 43.8	CONNECTION		843.7		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
<b>SITE 64 (DICKINSON)</b>							
AS5444-089	269+13.91	LT 75.2	EX. MANHOLE	852.28		0	ADJUSTING MANHOLE COVERS REQ'D
IN5444-088	269+21.88	LT 73.9	EX. INLET	851.54			ADJUSTING INLET COVERS REQ'D
AS5444-087	269+38.03	LT 63.7	EX. MANHOLE	851.38			ADJUSTING MANHOLE COVERS REQ'D

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<b>SITE 63 (FEW)</b>										
P5445-067	S6310	IN5445-067	845	845.43	76		0.57%	12"	RCP C-IV	
P6310	C6315	S6310	844.95	845	10		0.50%	12"	RCP C-IV	
P6320	S6325	S6320	844.96	845.16	23		0.87%	12"	RCP C-IV	
P6325	AS5445-069	S6325	844.32	844.37	10		0.50%	18"	RCP C-IV	
P6340	S6325	S6340	844.27	844.3	6		0.50%	12"	RCP C-IV	
P6348	S6325	C6348	844.37	844.41	8		0.50%	18"	RCP C-IV	
P5445-072	AS6556-069	AS5445-072	844.27	844.33	12		0.50%	24"	RCP C-IV	
P6360	C6365	S6360	844.94	844.99	11		0.45%	12"	RCP C-IV	
P6370	C6375	S6370	843.14	845.44	11		20.91%	12"	RCP C-IV	
P6380	C6385	S6380	843.7	845.95	10		22.50%	12"	RCP C-IV	

DATE	BY
2022-07-29	
REVISION	
MARK	
Designed By: stwmc	
Date: 2022-07-29	
60631225P	

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



60631225P  
SS-2



# STORM SEWER SCHEDULE


EAST-WEST BUS RAPID TRANSIT PROJECT NO. 12777	SHEET NO. U-STM
STORM SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE/CASTING	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>SITE 65 (THIRD)</b>							0
IN5641-051	300+58.61	LT 45.7	EX. INLET	858.09	853.88	4.21	ADJUSTING INLET COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
S6510	301+07.00	LT 45.6	2X3/SALVAGED CASTING	857.86	853.25	4.61	USE CASTING FROM R5641-049
S6520	301+14.77	LT 45.6	2X3/SALVAGED CASTING	857.9	853.25	4.65	USE CASTING FROM R5641-047
C6525	301+15.65	LT 35.1	CONNECTION		852.98		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
S6530	301+23.00	LT 45.6	2X3/SALVAGED CASTING	857.94	853.56	4.38	USE CASTING FROM R5641-048
IN5641-037	301+86.49	LT 68.2	EX. INLET	857.86	852.76	5.1	ADJUSTING INLET COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
S6580	302+15.00	LT 45.4	4-FT/SALVAGED CASTING	858.4	853.79	4.61	USE CASTING FROM R5641-036
IN5641-039	302+85.08	LT 45.3	EX. INLET	858.93	854.48	4.45	ADJUSTING INLET COVERS REQ'D; CONCRETE COLLARS FOR PIPE REQ'D
SS5641-043	301+80.29	LT 49.1	EX. MANHOLE	857.74			ADJUSTING MANHOLE COVERS REQ'D
<b>SITE 67 (FIFTH)</b>							
AS5740-110	314+45.44	LT 70.7	EX. MANHOLE	859.05			ADJUSTING MANHOLE COVERS REQ'D
IN5740-111	314+52.03	LT 72.0	EX. INLET	859.29			ADJUSTING INLET COVERS
<b>SITE 68 (JOHNSON)</b>							
IN5938-077	344+15.59	RT 63.8	EX. INLET/R-1878-B7G	853.67			REPLACE CASTING WITH R-1878-B7G
S6810	344+15.70	RT 55.8	MADISON STANDARD SADDLED INLET TYPE II	853.57	841.59	11.98	
IN5938-081	345+16.44	RT 63.5	EX. INLET/R-1878-B7G	853.32	847.32	6	REPLACE CASTING WITH R-1878-B7G; CONCRETE COLLARS FOR PIPE REQ'D
S6830	345+16.09	RT 55.5	2X3/SALVAGED CASTING	853.64	847.27	6.37	USE CASTING FROM IN5938-081
C6820	345+16.11	RT 51.9	CONNECTION		847.25		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
<b>SITE 69 (OAK)</b>							
C6900	348+84.92	LT 51.0	CONNECTION		848.60		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
S6910	348+77.07	LT 49.5	4-FT/SALVAGED CASTING	854.72	848.20	6.52	USE CASTING FROM R5938-089
S6920	348+60.84	LT 37.3	4-FT/J-S	854.70	847.37	7.33	
C6930	348+55.66	LT 31.2	CONNECTION		847.14		CONNECT TO EXISTING PIPE; CONCRETE COLLARS FOR PIPE REQ'D
AS5938-090	349+16.97	LT 57.5	EX. MANHOLE	854.19			ADJUSTING MANHOLE COVERS REQ'D

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<b>SITE 65 (THIRD)</b>										
P5641-051	S6510	IN5641-051	853.25	853.88	48		1.31%	12"	RCP C-IV	
P6510	S6520	S6510	853.22	853.25	8		0.37%	12"	RCP C-IV	
P6520	C6525	S6520	852.98	853.21	11		2.09%	12"	RCP C-IV	
P6530	S6520	S6530	853.22	853.56	8		4.25%	12"	RCP C-IV	
P6580	IN5641-037	S6580	852.76	853.79	36		2.86%	12"	RCP C-IV	
P5641-039	S6580	IN5641-039	853.79	854.48	70		0.99%	12"	RCP C-IV	
<b>SITE 68 (JOHNSON)</b>										
P5938-081	S6830	IN5938-081	847.27	847.32	8		0.63%	12"	RCP C-IV	
P6830	C6820	S6830	847.25	847.27	4		0.50%	12"	RCP C-IV	
<b>SITE 69 (OAK)</b>										
P6900	S6910	C6900	848.2	848.6	8		5.00%	12"	RCP C-IV	
P6910	S6920	S6910	847.37	848.2	20		4.15%	12"	RCP C-IV	
P6920	C6930	S6920	847.14	847.37	8		2.88%	12"	RCP C-IV	

60631225P	REVISION	DATE	BY
60631225P	MARK	2022-08-26	60631225P
STORM SEWER TABLE			
BUS RAPID TRANSIT			
CITY OF MADISON			
CITY OF MADISON, DANE COUNTY, WI			
CONTRACT NO: 60631225C			
			
60631225P			
SS-3			