

# CITY OF MADISON

## CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS PLAN OF PROPOSED IMPROVEMENT

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SCHEDULE

UTILITY PLAN - SANITARY SEWER &

133 E LAKESIDE STREET

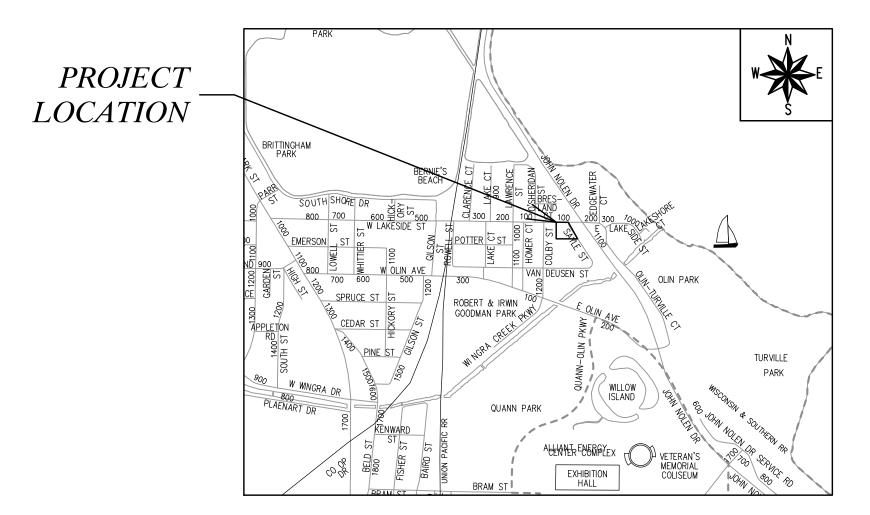
NO MAINTENANCE PLAN REQUIRED

U2

CITY PROJECT NO. 13555 CONTRACT NO. 9043

REVISED 6/22/22 BY IO

SHEET NO.



PUBLIC IMPROVEMENT PROJECT APPROVED

JANUARY 4, 2022

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

N- Greg Fries

Apr 4, 2022

City Engineer

Date

STREET DESIGNED BY:



Apr 4, 2022

STORM SEWER DESIGNED BY:



Apr 4, 2022

*WATER DESIGNED BY:* 

> LATERAL ONLY

SANITARY SEWER DESIGNED BY:

> LATERAL ONLY

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ALL PROPOSED STREET TREE REMOVALS WITHIN THE RIGHT OF WAY SHALL BE REVIEWED BY CITY FORESTRY BEFORE THE PLAN COMMISSION MEETING. STREET TREE REMOVALS REQUIRE APPROVAL AND A TREE REMOVAL PERMIT ISSUED BY CITY FORESTRY. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHO'S DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.

AS DEFINED BY THE SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION: NO EXCAVATION IS PERMITTED WITHIN 5 FEET OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES IN DIAMETER. IF EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT MADISON CITY FORESTRY (266-4816) PRIOR TO EXCAVATION. CITY OF MADISON FORESTRY PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. TREE PROTECTION SPECIFICATIONS CAN BE FOUND ON THE FOLLOWING WEBSITE: HTTPS://WWW.CITYOFMADISON.COM/BUSINESS/PW/SPECS.CFM

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE. CONTACT PROJECT ENGINEER AND STREET DESIGNER IKE OKAFOR AT IOKAFOR@CITYOFMADISON.COM FOR CAD AND ALIGNMENT DATA PRIOR TO STAKING.

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CONVENTIONAI	L SIGNS
FIELD VERIFY ALL UTIL	ITY LOCATIONS
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	—— SN ——
WATER	—— w ——
BURIED ELECTRIC	— Е —
OVERHEAD ELECTRIC	—— ОН——
POWER POLE	占
ADA COMPLIANT RAMP V DETECTABLE WARNING	1000000
COMBUSTIBLE FLUIDS	

ALL PAVEMENT IN E LAKESIDE ST AND SAYLE STREET ST RIGHT-OF-WAY SHALL BE TYPE C PAVEMENT PER STANDARD DETAIL DRAWING 4.02

UNDERDRAINS SHALL BE INSTALLED PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY 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. 3.04. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

CURB STATION AND OFFSETS SHALL BE TO THE <u>EDGE OF PAVEMENT</u> UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE <u>EDGE OF</u>
PAVEMENT UNLESS OTHERWISE INDICATED.

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.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS RIGHT-OF-WAY PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

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 DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

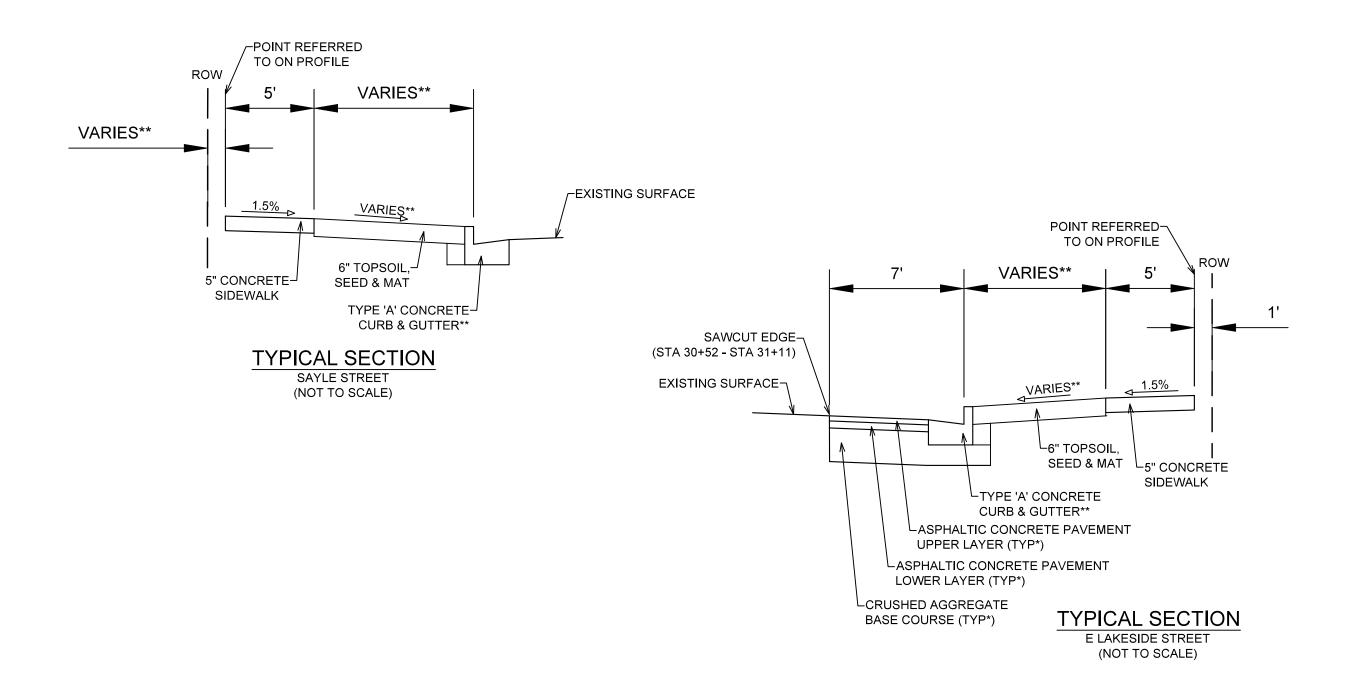
ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

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JENERAL NOTEV AND COMMENTO		3222	-	-	Н
33 FAST AKESIDE STREET	MADI	MADISON WI			Н
		.,	MARK	REVISION	
1. DE OLONIO	CN TOVETNOO	0770	Designed By: IO	esigned By: IO Date: 3/24/2022 2:02 PM	Scale:
I. IDE STOINIT I GJECIST I 33331 CADTSTREETST I 3333EN-DETAITS, UWG	CONTRACTION.	3043	13555		



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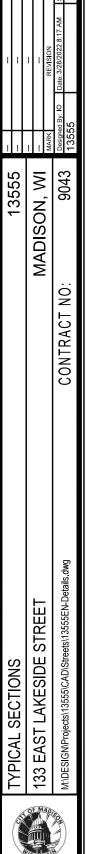


#### NOTES:

- E LAKESIDE STREET SHALL BE CONSTRUCTED AS TYPE 'C' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN†
- \*\* REMOVE AND REPLACE CURB AT LOCATIONS SHOWN ON P SHEETS. SEE PLAN AND PROFILE FOR SLOPES, ELEVATIONS AND OFFSETS.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR SURFACE PAVING UNDER THE SAME CONSTRUCTION PROJECT NO. (13555).

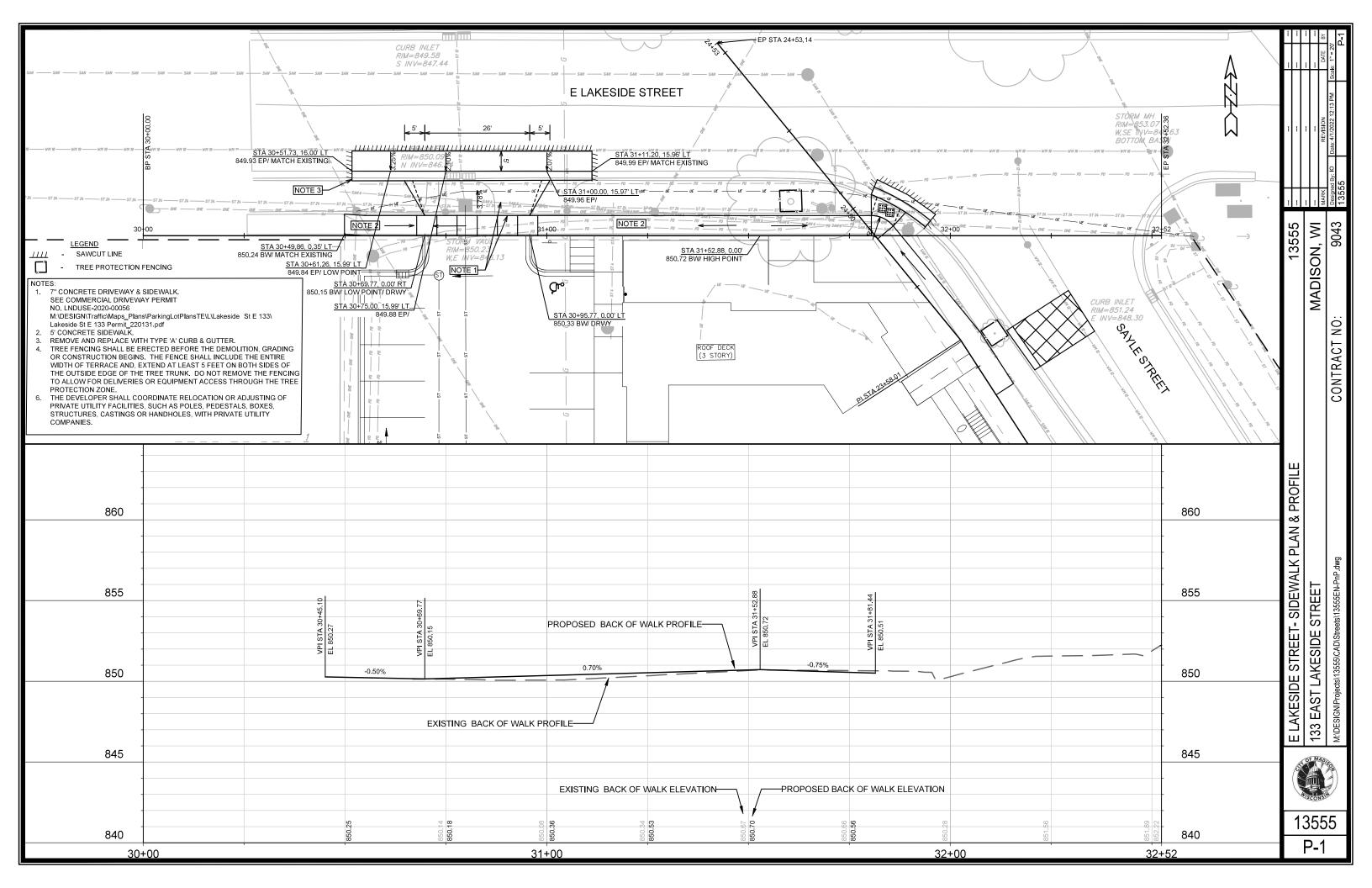
#### CITY OF MADISON MINIMUM DAVEMENT DESIGN

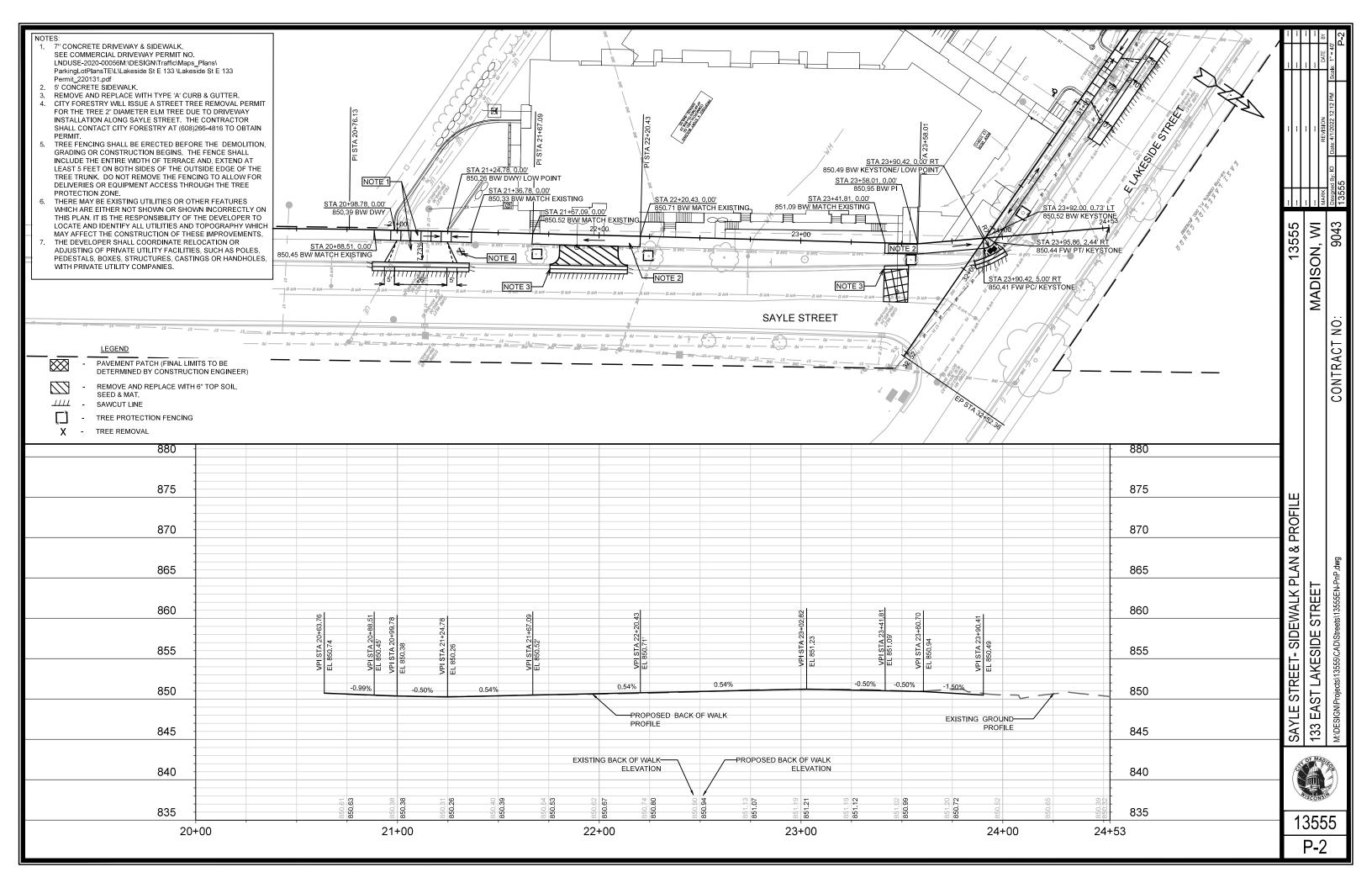
CITY OF MADISON MINIMUM PAVEMENT DESIGN									
	CRUSHED AGGREG	GATE BASE COURSE	ASPHALTIC CONCRETE PAVEMENT						
TYPE	LOWER LAYER	UPPER LAYER	LOWER	RLAYER	UPPER LAYER				
	GRADATION 1	GRADATION 2	TYPE	THICKNESS	TYPE	THICKNESS			
Α	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"			
В	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"			
С	6"	6"	3 MT 58-28 S/H	3.50"	4 MT 58-28 S/H	2.00"			

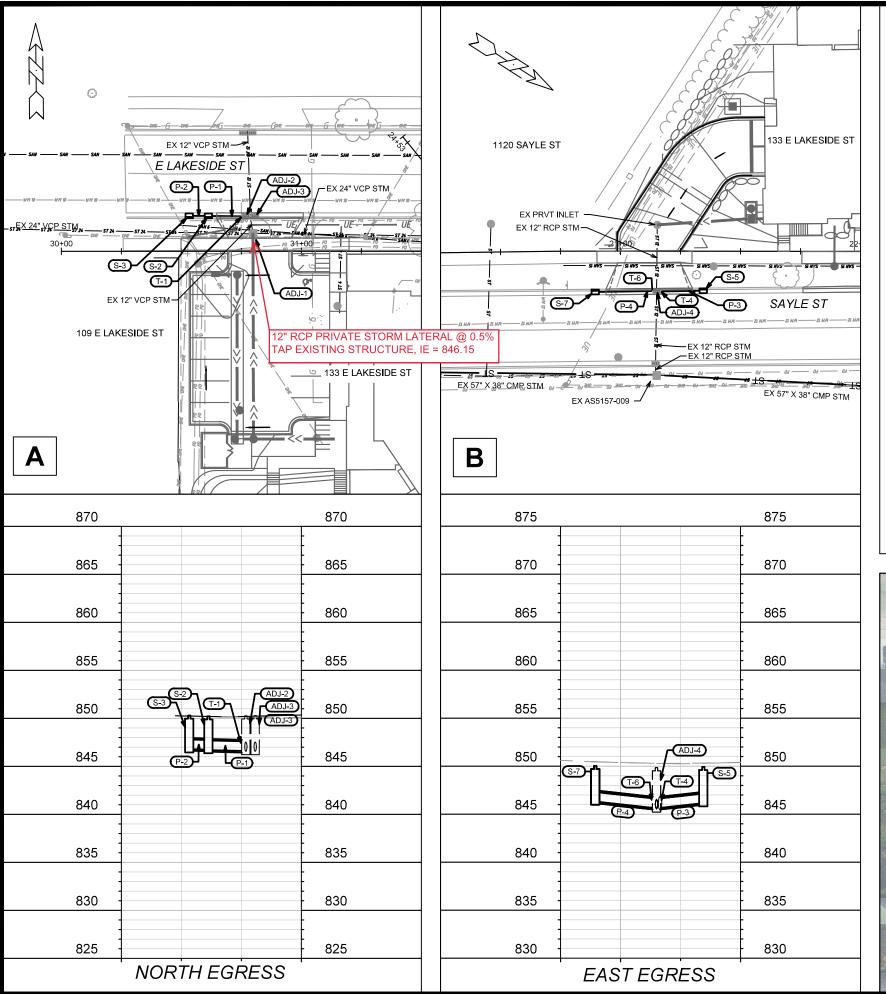




13555 D-2







### STORM SEWER SCHEDULE

PROP	DSED STO	<u>RM STRUC</u>	TURES							
STRUC.	STATION	LOCATION	TYPE	TOPOF	E.I.	DEPTH	NOTES			
NO.		(OFFSET)		CASTING						
ELAKESIC	EST									
T-1	30+75 38	IT-14 57	TAP	847 83	-	-				
S-2	30+61.28	LT-14.77	H Inlet	850.22	846.69	3.53	LP; W/3067-7004	-VB		
S-3	30+53.28	LT-14.80	H Inlet	850.29	846.78	3.51	W/3067-7004-V			
SAYLEST										
T-4	21+16.49	RT-16.74	TAP	846.89	-	-				
S-5	21+34.48	RT-16.46	H Inlet	849.94	846.15	3.79	W/3067-7004-V			
T-6	21+13.55	RT-16.64	TAP	846.89		-				
S-7	20+89.48	RT-16.97	H Inlet	850.07	846.32	3.75	W/3067-7004-V			
PROPO	DSED STO	RM PIPES								
PIPE	FROM	TO	DISCH.	INLET	PLAN	PIPE	SLOPE	PIPE	TYPE	NOTES
NO.	(DNSTM)	(UPSTM)	E.I.	E.I.	LGTH (FT)	LGTH (FT)	(%)	SZE		
ELAKESID										
P-1	T-1	S-2	846.60	846.69	14	13	0.62%	12"	TYPE 2 STO	RM
P-2	S-2	S-3	846.74	846.78	8	5	0.50%	12"	TYPE 2 STO	RM
SAYLEST										
P-3	T-4	S-5	845.66	846.15	18	17	2.75%	12"	TYPE 2 STO	RM
P-4	T-6	S-7	845.66	846.32	24	23	2.75%	12"	TYPE 2 STO	RM
ADJUS	STSTORM	STRUCTU	RES							
STRUC.	NAME	STATION	LOCATION	EX TOC	ADJUST	<b>ADJUST</b>	NOTES			
NO.			(OFFSET)	ELEV	ELEV	DIFF (FT)				
ELAKESID	EST		,							
ADJ-1	AS5157-003	30+79.85	LT-7.53	850.23	850.05	0.18	REBUILD CB ROO	F; INS	TALLTWO -1	550-0054
ADJ-2	IN5157-004	30+76.88	LT-14.58	850.09	850.26	-0.17	W/3290-A			
ADJ-3	IN5157-004	30+80.75	LT-14.59	850.09	850.28	-0.19	W/3290-A			
The second second										
SAYLEST										
ADJ-4	IN5158-007	21+15.02	RT-16.34	849.82	849.86	-0.04	W/3290-A			

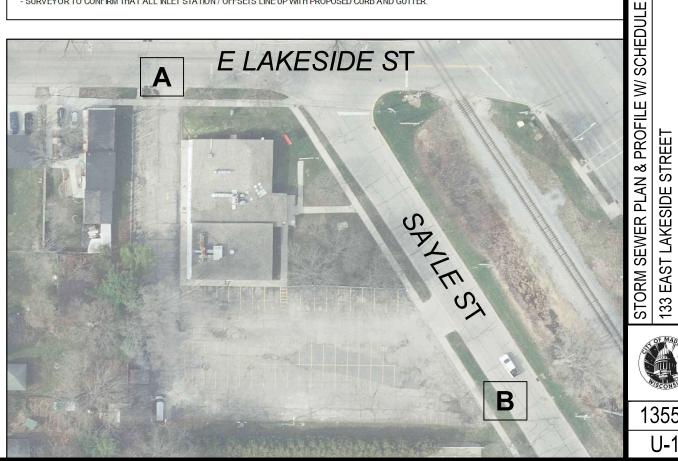
REVISED 6/22/22 BY IO

#### STANDARD NOTES:

- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALI TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE - ALL STRUCTURES CALLED OUT AS FIELD POURED STALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) STALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERED. CONTACT DANIEL OLIVARES OF CITY ENGINEERING AT (608) 261-9285 FOR PRECAST APPROVALS, OR EMAIL SHOP DRAWINGS TO DAOLIVARES@CITYOFMADISON.COM.

  - ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

  - ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM
- STRUCTURES SHALL BE CONSTRUCTED IN A CCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ABBREVIATIONS: LP LOW POINT INLET STRUCTURE; CB CATCHBASIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS'S. - ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.





MADISON, WI

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