

INDEX OF SHEETS

02-27-2026 LETTING ITEM 151

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
9380	24-00031-00-SW	ST. CLAIR	24	1

FED. ROAD DIST. NO. ILLINOIS CONTRACT NO. 97667

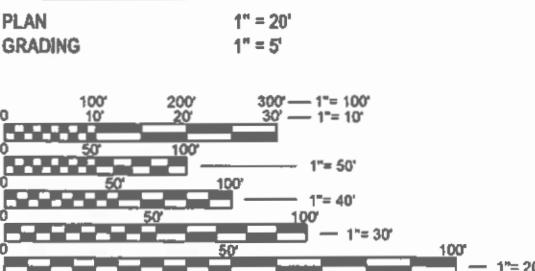
SHEET NO. ITEM

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- 5 TYPICAL SECTION
- 6 SCHEDULE OF QUANTITIES
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 001001-02 AREAS OF REINFORCEMENT BARS
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 701006-05 OFF-RD OPERATIONS 2L 2W 15' TO 24' FROM PAVEMENT EDGE
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 720006-04 SIGN PANEL ERECTION DETAILS
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 B.L.R. 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

SCALE IN FEET

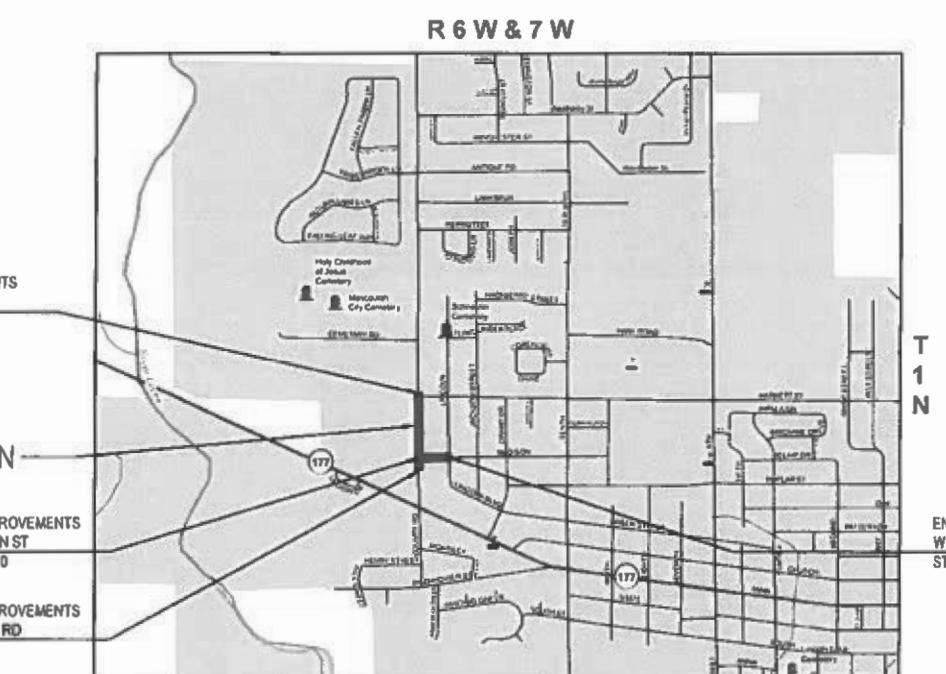


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

PLANS FOR PROPOSED

CITY OF MASCOUTAH, ILLINOIS
 SRTS MASCOUTAH BUMP-OUTS
 N COUNTY RD (FAU 9380)
 ST. CLAIR COUNTY
 SAFE ROUTES TO SCHOOL FUNDING
 SECTION 24-00031-00-SW
 PROJECT NO. MH6S(492)
 JOB NO. C-98-084-25



CITY OF MASCOUTAH

APPROVED	12/18/25	(Date)
<i>Walter Battas</i>		(Signature)
WALTER BATTAS, MAYOR		
PASSED	12/22/25	(Date)
<i>Paula J. Garnett</i>		(Signature)
District 8 Engineer of Local Roads & Streets		
RELEASING FOR BID BASED ON LIMITED REVIEW	122225	(Date)
<i>Kensil A. Garnett</i>		(Signature)
Deputy Director of Highways, Region 8 Engineer		



LICENSE EXPIRES: 11/30/2027

BRANDON R. BECKMEYER

DATE: 11/26/2025

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 Street, Suite 200
 Belleville IL 62220
 618.416.4688
 www.oatesassociates.com

Collinsville St. Louis Belleville St. Charles

ILLINOIS DESIGN FIRM LICENSE NO. 114.00115

OATES
 ASSOCIATES

222157.00

GENERAL NOTES

UTILITIES

- EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 72 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MUST BE CONTACTED DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. THE COST OF ANY NECESSARY RELOCATIONS SHALL BE INCURRED BY THE OWNER UNLESS NOTED OTHERWISE AND IF PRIOR AGREEMENTS ARE NOT IN PLACE.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E. UNLESS NOTED OTHERWISE.

AMEREN ILLINOIS (GAS AND GAS)
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
(618) 236-6279

CHARTER COMMUNICATIONS (CABLE TV)
20 CARLYLE PLAZA DR
BELLEVILLE, IL 62221
(618) 663-3075

FRONTIER (COMMUNICATIONS)
111 STATE STREET
MASCOUTAH, IL 62258
(618) 566-9815

CITY OF MASCOUTAH (WATER, SANITARY, STORM, & ELECTRIC)
3 WEST MAIN STREET
MASCOUTAH, IL 62258
(618) 566-2964

CLEARWAVE AND FIDELITY (COMMUNICATIONS)
2 N VINE STREET
HARRISBURG, IL 62946
(912) 755-1527

THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE OWNER AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATIONS
800-892-0123

GENERAL

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS TREE REMOVAL ITEMS INCLUDED IN THE CONTRACT.

PAVING

- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

DRAINAGE

- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.

PAVEMENT MARKING

- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

APPROXIMATE QUANTITIES

- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

POTHOLING 5 EACH
TOPSOIL F & P SPL 30 CU YD

COMMITMENTS

NONE

ABBREVIATIONS

AD	ALGEBRAIC DIFFERENCE IN GRADE	CTR	CENTER	ID	CONDITIONING	S	SOUTH
ADJ	ADJACENT	CY	CUBIC YARD	IN	INSIDE DIAMETER	SAN	SANITARY
AGG	AGGREGATE	DIA	DIAMETER	INV	INVERT	SEW	SEWER
AI	AREA INLET	DND	DO NOT DISTURB	JB	JUNCTION BOX	SF	SQUARE FEET
ALT	ALTERNATE	DS	DOWN SPOUT	K	LENGTH OF VERTICAL CURVE PER	SHT	SHEET
APPROX	APPROXIMATE	DTL	DETAIL	LF	PERCENT GRADE DIFFERENCE	STA	STATION
BC	BACK OF CURB	E	EAST	MAT	LINEAR FEET	STD	STANDARD
BIT	BITUMINOUS	EA	EACH	MAX	MATERIAL	STM	STORM
BLDG	BUILDING	EJ	EXPANSION JOINT	MECH	MATERIAL	SY	SQUARE YARD
BLRD	BOLLARD	EL	ELEVATION	MH	MAXIMUM	TBA	TO BE ADJUSTED
BM	BENCHMARK	ELEC	ELECTRIC	MIN	MECHANICAL	TBR	TO BE REMOVED
BO	BY OTHERS (USED IN CONJUNCTION	ENGR	ENGINEER	MISC	MANHOLE	TBS	TO BE SAVED
	WITH TBA & TBR)	EOP	EDGE OF PAVEMENT	N	MISCELLANEOUS	TBRL	TO BE RELOCATED
BVCE	BEGINNING OF VERTICAL CURVE	EQ	EQUAL	NF	NORTH	TBV	TO BE VACATED
	ELEVATION	ESMIT	EASEMENT	NO	NOW OR FORMERLY	TCE	TEMPORARY CONSTRUCTION
BVCS	BEGINNING OF VERTICAL CURVE	ETR	EXISTING TO REMAIN	NIC	NOT IN CONTRACT	EASEMENT	EASEMENT
	STATION	EVCE	END OF VERTICAL CURVE ELEVATION	NO	NOT IN CONTRACT	TEL	TELEPHONE
BW	BOTTOM OF WALL	EVCS	END OF VERTICAL CURVE STATION	NTS	NUMBER	THK	THICK
CATV	CABLE TELEVISION	EX	EXISTING	OC	NOT TO SCALE	TUP	TEMPORARY USE PERMIT
CB	CATCH BASIN	EXP	EXPANSION	OC	OIL AND CHIP	FO	FIBER OPTIC LINE
CI	CURB INLET	FES	FLARED END SECTION	OD	ON CENTER	TOP	TOP OF WALL
CIPP	CURED IN-PLACE PIPE (LINER)	FF	FINISHED FLOOR	PERM	OUTSIDE DIAMETER	TYP	TYPICAL
CJ	CONTROL JOINT	FL	FLOW LINE	R	PERMANENT	UPI	USE IN PLACE
CL	CENTERLINE	FO	FIBER OPTIC	PL	PROPERTY LINE	UTIL	UTILITIES
CLF	CHAIN LINK FENCE	FT	FEET	PVC	POLYVINYL CHLORIDE PIPE	VCP	VETRIFIED CLAY PIPE
CMP	CORRUGATED METAL PIPE	FV	FIELD VERIFY	PVI	POINT OF VERTICAL INTERSECTION	W	WIDTH OR WEST
CMU	CONCRETE MASONRY BLOCK	GI	GRATE INLET	PVMT	POINT OF VERTICAL INTERSECTION	W/	WITH
CO	CLEANOUT	GND	GROUND	QTY	POINT OF VERTICAL INTERSECTION	WO/	WITHOUT
COM	COMMUNICATIONS	HDPE	HIGH DENSITY POLYETHYLENE	R	POINT OF VERTICAL INTERSECTION	WR	WATER RESISTANT
CONC	CONCRETE	HMA	HOT-MIX-ASPHALT	RCP	POINT OF VERTICAL INTERSECTION	WT	WEIGHT
CONST	CONSTRUCTION	HT	HEIGHT	RD	POINT OF VERTICAL INTERSECTION	WTR	WATER
CP	CONTROL POINT	HVAC	HEATING/VENTILATION/AIR	ROW	POINT OF VERTICAL INTERSECTION	WWF	WELDED WIRE FABRIC

LEGEND

EX	NEW	EX	NEW
<input type="checkbox"/>	<input type="checkbox"/>	SIGN (TRAFFIC)	AREA INLET
<input type="checkbox"/>	<input type="checkbox"/>	SIGN (ADVERTISEMENT)	CATCH BASIN
<input type="checkbox"/>	<input type="checkbox"/>	TELEPHONE / POWER POLE	CURB INLET
<input type="checkbox"/>	<input type="checkbox"/>	LIGHT POLE	MANHOLE
<input type="checkbox"/>	<input type="checkbox"/>	ANCHOR POLE	TRAFFIC SIGNAL BOX
<input type="checkbox"/>	<input type="checkbox"/>	GUY WIRE	TRAFFIC SIGNAL
<input type="checkbox"/>	<input type="checkbox"/>	FIRE HYDRANT	HANDHOLE
<input type="checkbox"/>	<input type="checkbox"/>	GAS VALVE	SHRUB
<input type="checkbox"/>	<input type="checkbox"/>	WATER VALVE	TREE (DECIDUOUS)
<input type="checkbox"/>	<input type="checkbox"/>	ELECTRIC METER	TREE (EVERGREEN)
<input type="checkbox"/>	<input type="checkbox"/>	GAS METER	CONTROL POINT
<input type="checkbox"/>	<input type="checkbox"/>	TELEPHONE BOX	BENCHMARK
<input type="checkbox"/>	<input type="checkbox"/>	ELECTRIC BOX	
<input type="checkbox"/>	<input type="checkbox"/>	MAILBOX	
<input type="checkbox"/>	<input type="checkbox"/>	CLEANOUT	

LINETYPES

EX	NEW
— W —	WATER LINE
— G —	GAS LINE
— T —	TELEPHONE LINE
— OE —	OVERHEAD ELECTRIC LINE
— E —	ELECTRIC LINE
— FO —	FIBER OPTIC LINE
— ST —	STORM SEWER
— S —	SANITARY SEWER
— X —	FENCE LINE
— 500 —	CONTOUR LINE
.....	LIMITS OF CONST

CITY OF MASCOUTAH

GENERAL NOTES, UTILITIES, & COMMITMENTS

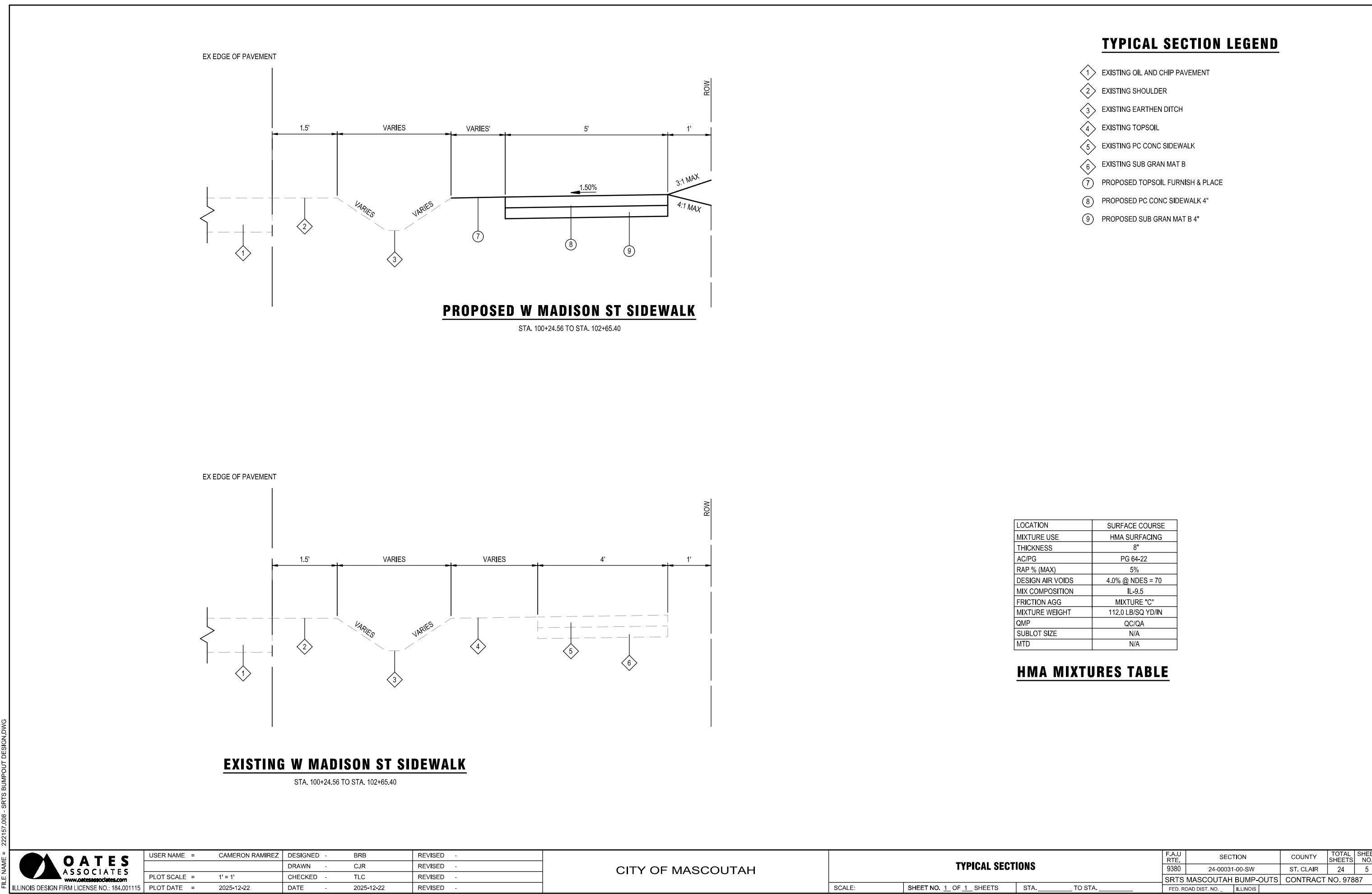
FILE NAME =	USER NAME =	DESIGNED -	BRB	REVISED -	DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
222157.008 - COVER SHEET.DWG	CAMERON RAMIREZ	DRAWN -	CJR	REVISED -	2025-12-22	24-00031-00-SW	ST. CLAIR	24	2
		CHECKED -	TLC	REVISED -		SRTS MASCOUTAH BUMP-OUTS	CONTRACT NO. 97887		
						FED. ROAD DIST. NO. ILLINOIS			

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	30
	*	20800150	TRENCH BACKFILL	CU YD	20
	*	21400100	GRADING AND SHAPING DITCHES	FOOT	20
		28000500	INLET AND PIPE PROTECTION	EACH	15
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	274
		42400100	PCC CONCRETE SIDEWALK, 4 INCH	SQ FT	2083
		42400300	PCC CONCRETE SIDEWALK, 6 INCH	SQ FT	380
	*	42400800	DETECTABLE WARNINGS	SQ FT	102
		44000100	PAVEMENT REMOVAL	SQ YD	87
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	193
		44000600	SIDEWALK REMOVAL	SQ FT	1881
	*	44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	21
	*	50105220	PIPE CULVERT REMOVAL	FOOT	20

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		54248510	CONCRETE COLLAR	CU YD	3
	*	55100700	STORM SEWER REMOVAL 15"	FOOT	24
	*	60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
		60604400	CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	250
		67100100	MOBILIZATION	L SUM	1
	*	72000100	SIGN PANEL TYPE 1	SQ FT	132
		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
	*	72900100	METAL POST - TYPE A	FOOT	56
	*	73000100	WOOD SIGN SUPPORT	FOOT	56
	*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	172
	*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	13
	*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	371
	*	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	58

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	44
	*	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1
	*	X1200073	MANHOLE REMOVAL	EACH	1
	*	X1700066	POTHOLING	EACH	5
	*	X2110100	TOPSOIL FURNISH AND PLACE (SPECIAL)	CU YD	30
	*	X2500920	SEEDING, CLASS 1A (SPECIAL)	ACRE	0.25
	*	X6010202	TRENCH DRAIN	EACH	1
	*	X6023212	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE (SPECIAL)	EACH	1
	*	X6024242	INLETS, SPECIAL, NO. 1	EACH	1
	*	X6024244	INLETS, SPECIAL, NO. 2	EACH	1
	*	X6024246	INLETS, SPECIAL, NO. 3	EACH	1
	*	X6050310	FILLING INLETS (SPECIAL)	EACH	1
	*	X6050500	REMOVE FRAME AND GRATES (SPECIAL)	EACH	1



SIDEWALK

STATION	STATION	OFFSET	SUB GRAN MAT B 4	PC CONC SIDEWALK 4	PC CONC SIDEWALK 6	DETECTABLE WARNINGS	SIDEWALK REM
			(SQ YD)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)
10+00	10+50	RT	10	68	22	10	77
11+75	12+40	RT	24	124	91	18	148
12+00	12+40	LT	17	71	82	18	178
16+40	17+65	RT	49	324	117	36	338
100+15	103+50	RT	174	1497	68	20	1141
TOTAL			274	2,083	380	102	1,881

SIDEWALK NOTES:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL APPROACH WALKWAYS.
- SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001 FOR CURB RAMP DETAILS.

PAVEMENT MARKING

STATION	STATION	OFFSET	THPL PVT MK LINE 4 (YELLOW) (NOTE 1)	THPL PVT MK LINE 12 (WHITE) (NOTE 1)	THPL PVT MK LINE 24 (WHITE/PURPLE) (NOTE 1)
			(FOOT)	(FOOT)	(FOOT)
10+36	10+62	RT			65
12+00	12+20	LT/RT			117
16+00	22+96	CL	172		
16+75	17+00	LT/RT			104
16+90	17+45	RT		13	85
TOTAL			172	13	371

PAVEMENT MARKING NOTES:

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

SEEDING

STATION	STATION	OFFSET	SEEDING CL 1A (SPECIAL)	NITROGEN FERT NUTR (NOTE 1)	PHOSPHORUS FERT NUTR (NOTE 1)	POTASSIUM FERT NUTR (NOTE 1)	MULCH METHOD 2
			(ACRE)	(POUND)	(POUND)	(POUND)	(ACRE)
10+00	10+50	RT	0.010	1	1	1	0.010
11+75	12+40	RT	0.007	1	1	1	0.007
12+00	12+40	LT	0.003	0	0	0	0.003
16+40	17+65	RT	0.013	1	1	1	0.013
100+15	103+50	RT	0.024	2	2	2	0.024
TOTAL			0.25	6	6	6	0.25

SEEDING NOTES:

- FERTILIZER AND MULCH QUANTITIES ARE SHOWN FOR INFORMATION ONLY.

CURB & GUTTER

STATION	STATION	OFFSET	COMB CURB GUTTER REM	COMB CC & G TB6.18
			(FOOT)	(FOOT)
10+00	10+50	RT	44	64
11+75	12+40	RT	45	50
12+00	12+40	LT	15	32
16+40	17+65	RT	89	104
TOTAL			193	250

CURB & GUTTER NOTES:

- THE TRANSITION FROM CURB AND GUTTER SPECIAL TO BARRIER CURB SHALL BE IN THE LUMP SUM PRICE.

SIGN

STATION	OFFSET	TYPE	DESCRIPTION	COLORS	SIZE (IN X IN)	SIGN PANEL T1 (SQ FT)	REMOV SIN PAN ASSY TA (EACH)	WOOD SIN SUPPORT (FOOT)	METAL POST TY A (FOOT)
09+36	RT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			14
09+36	RT	W16-9P	AHEAD	YELLOW - GREEN W/BLACK	24 X 12	2.0			
12+03	LT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0	1	14	
12+03	LT	W16-7P	DOWNWARD DIAGONAL ARROW	YELLOW - GREEN W/BLACK	21 X 15	2.25			
12+03	LT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			
12+03	LT	W16-7P	DOWNWARD DIAGONAL ARROW	YELLOW - GREEN W/BLACK	21 X 15	2.25			
12+03	RT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0	1	14	
12+03	RT	W16-7P	DOWNWARD DIAGONAL ARROW	YELLOW - GREEN W/BLACK	21 X 15	2.25			
12+03	RT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			
12+03	RT	W16-7P	DOWNWARD DIAGONAL ARROW	YELLOW - GREEN W/BLACK	21 X 15	2.25			
14+46	LT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			14
14+46	LT	W16-9P	AHEAD	YELLOW - GREEN W/BLACK	24 X 12	2.0			
14+81	RT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			14
14+81	RT	W16-9P	AHEAD	YELLOW - GREEN W/BLACK	24 X 12	2.0			
16+81	LT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			14
16+81	LT	W16-7P	DOWNWARD DIAGONAL ARROW	YELLOW - GREEN W/BLACK	21 X 15	2.25			
16+81	LT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			
16+81	LT	W16-7P	DOWNWARD DIAGONAL ARROW	YELLOW - GREEN W/BLACK	21 X 15	2.25			
16+81	RT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			
16+81	RT	W16-7P	DOWNWARD DIAGONAL ARROW	YELLOW - GREEN W/BLACK	21 X 15	2.25			
18+84	LT	S1-1	SCHOOL CROSSING	YELLOW - GREEN W/BLACK	36 X 36	9.0			14
18+84	LT	W16-9P	AHEAD	YELLOW - GREEN W/BLACK	24 X 12	2.0			
TOTAL						134.00	2	56	56

EARTHWORK NOTES:

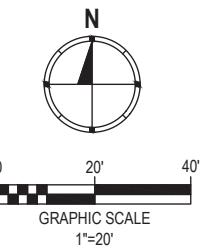
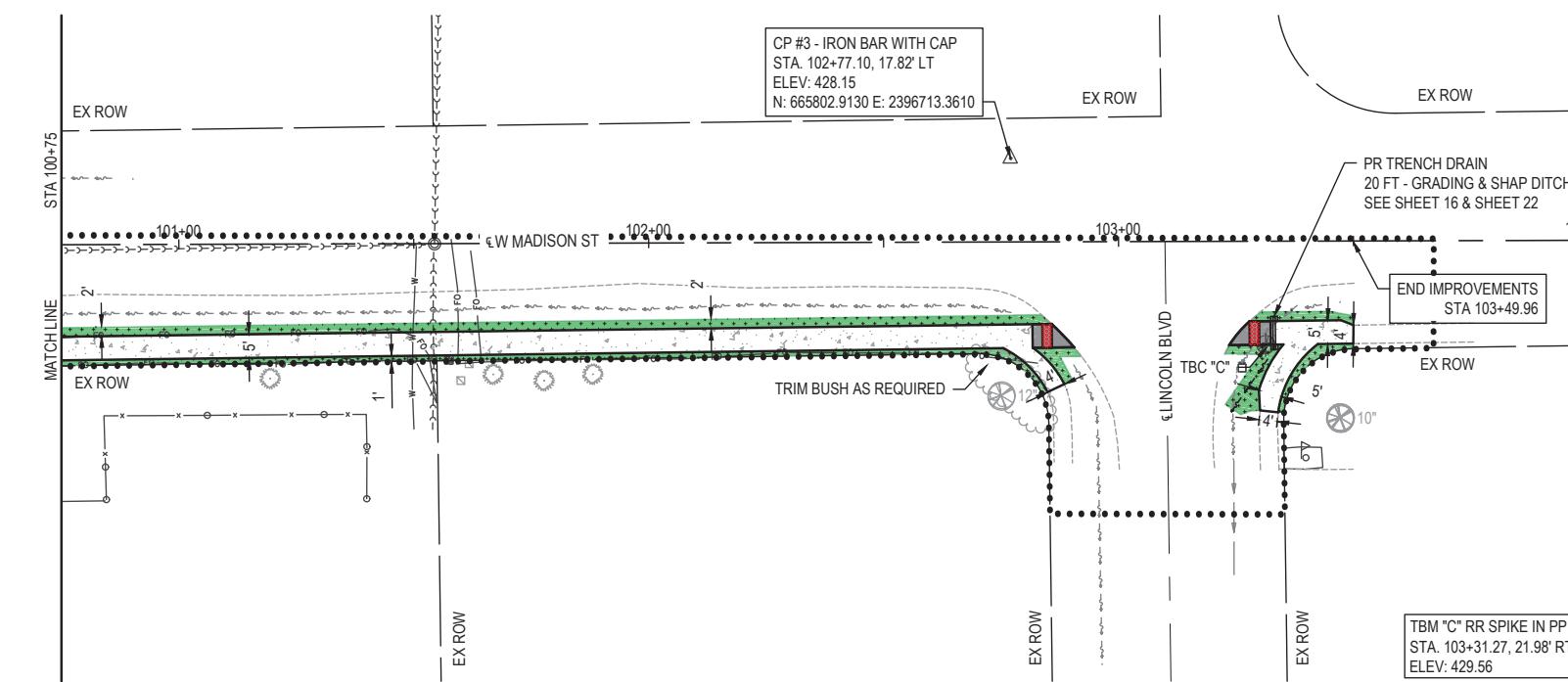
THIS IS AN ESTIMATED QUANTITY AND SHALL BE PLACED AS DIRECTED BY THE ENGINEER

EARTHWORK

STATION	STATION	OFFSET	TOP SOIL F & P SPL
			(CU YD)
10+00	10+50	RT	6
11+75	12+40	RT	4
12+00	12+40	LT	2
16+40	17+65	RT	5
100+15	103+50	RT	13
TOTAL			30

EARTHWORK NOTES:

THIS IS AN ESTIMATED QUANTITY AND SHALL BE PLACED AS DIRECTED BY THE ENGINEER

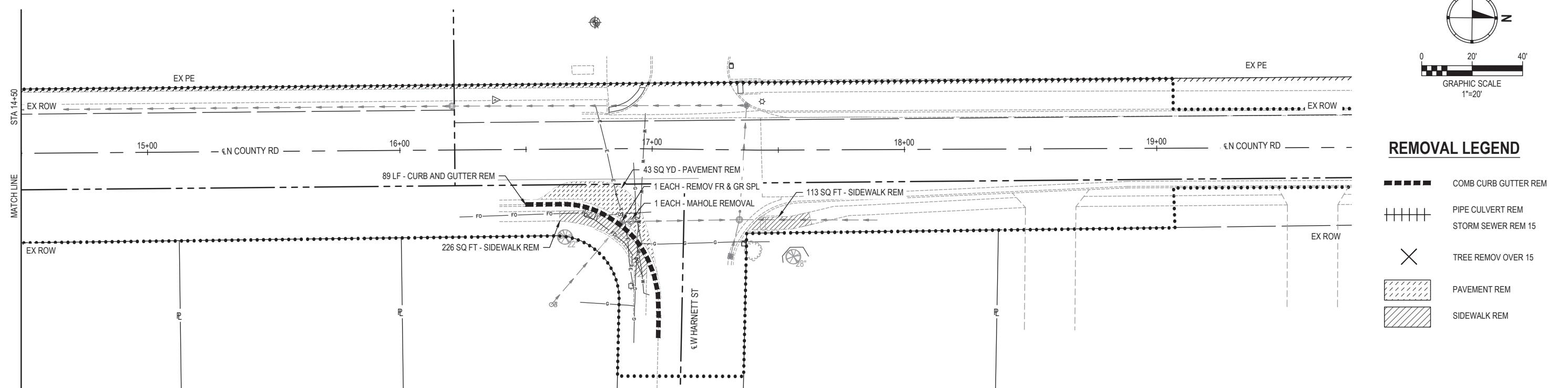
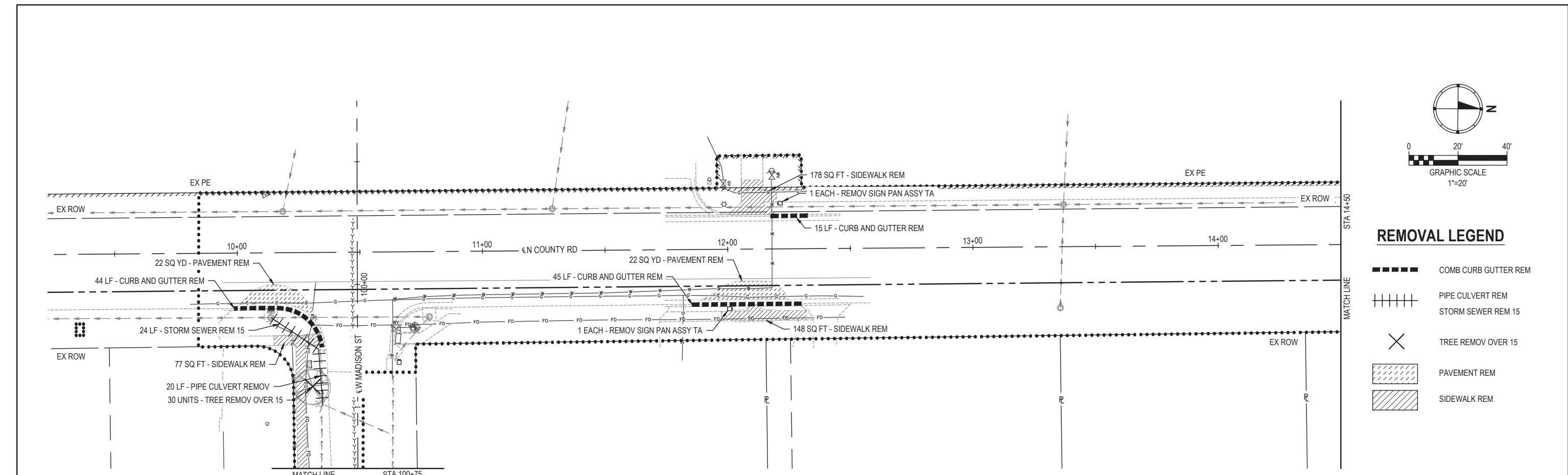


LEGEND

PROPERTY LINE
PROPERTY LINE
EX ROW
SECTION LINE
PC CONC SIDEWALK 4
PC CONC SIDEWALK 6
DETECTABLE WARNING
SEEDING CL 1
TOPSOIL F & P SPL
LIMITS OF CONSTRUCTION

CITY OF MASCOUTAH

PLAN SHEETS





ILLINOIS DESIGN FIRM LICENSE NO.: 184.0

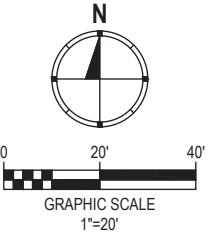
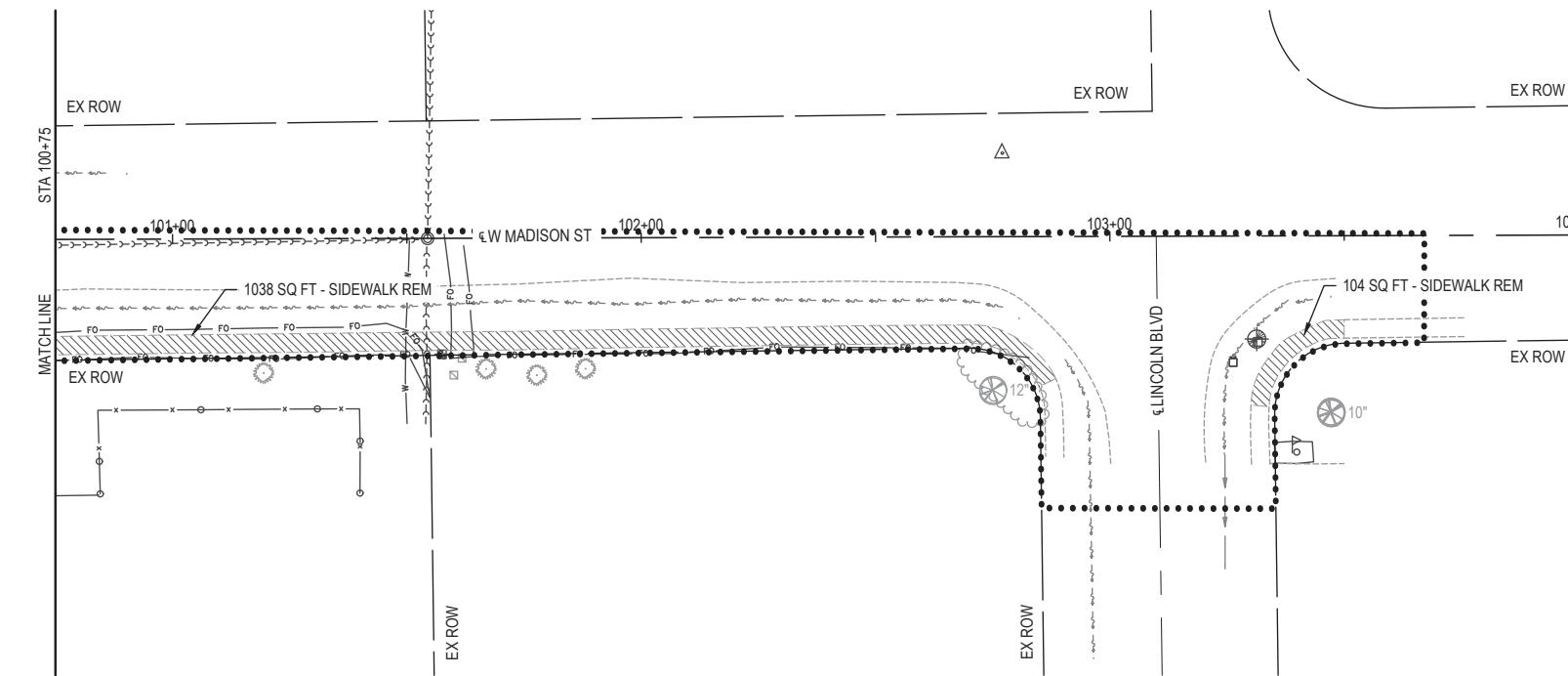
USER NAME =	CAMERON RAMIREZ	DESIGNED -	BRB	REVISED -
		DRAWN -	CJR	REVISED -
PLOT SCALE =	1' = 1'	CHECKED -	TLC	REVISED -
15 PLOT DATE =	2025-12-17	DATE -	2025-12-17	REVISED -

CITY OF MASCOUTAH

REMOVAL PLAN SHEETS

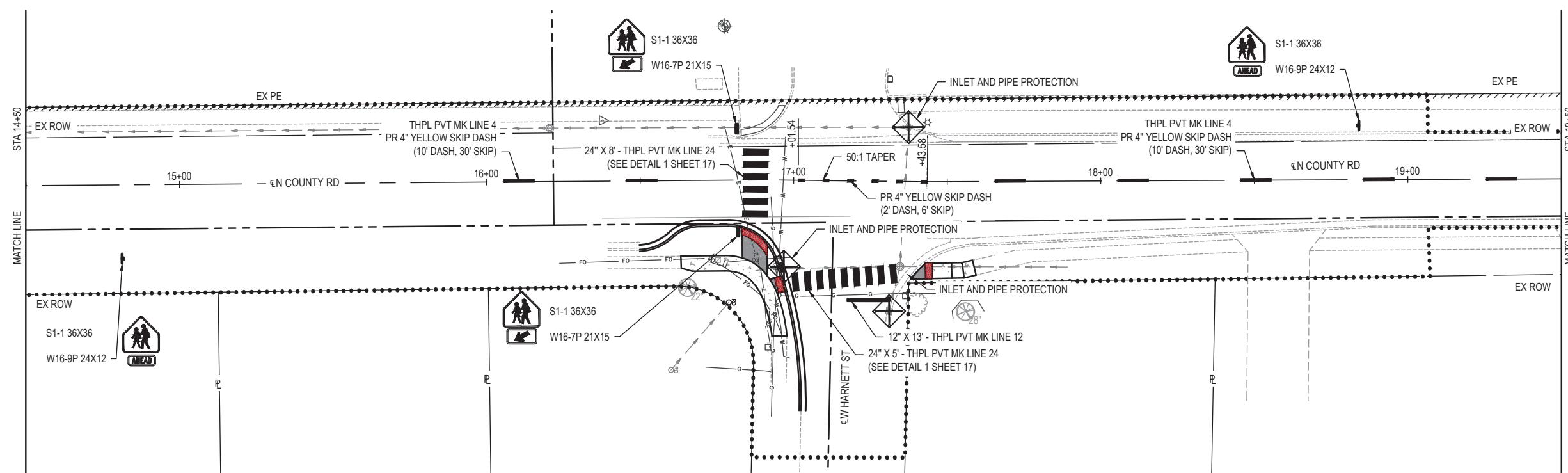
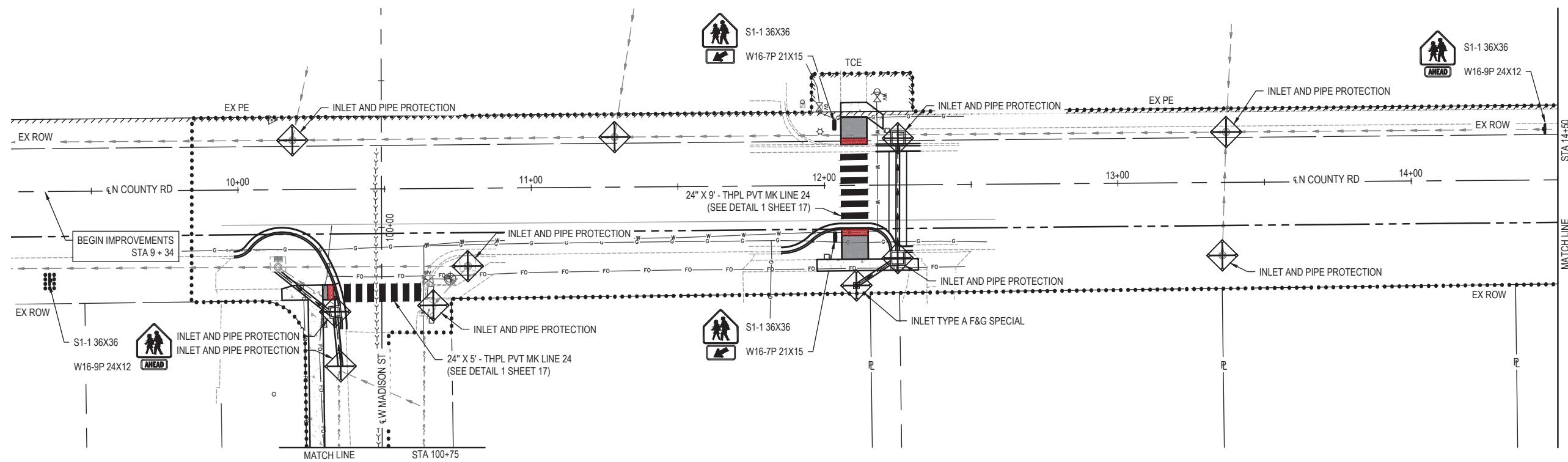
SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

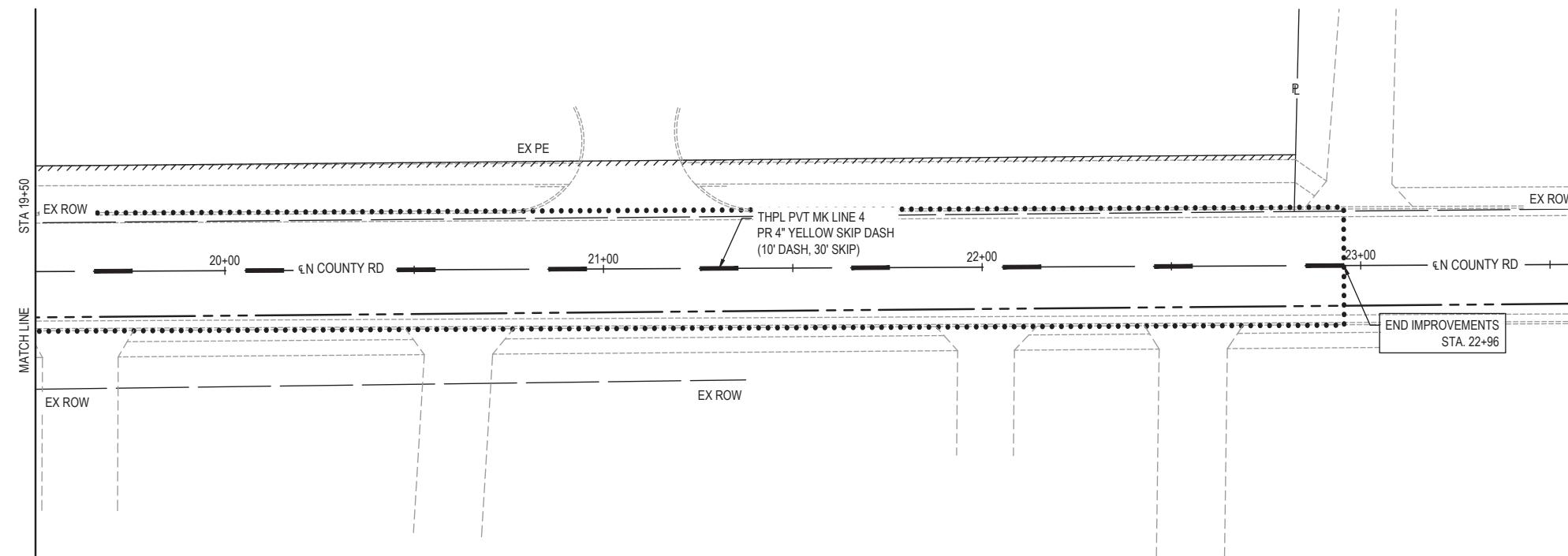
SECTION	COUNTY	TOTAL SHEETS	HEET NO.
24-00031-00-SW	ST. CLAIR	24	10
S MASCOUTAH BUMP-OUTS		CONTRACT NO. 97887	
ROAD DIST. NO.	ILLINOIS		



REMOVAL LEGEND

	COMB CURB GUTTER REM
	PIPE CULVERT REM
	STORM SEWER REM 15
	TREE REMOV OVER 15
	PAVEMENT REM
	SIDEWALK REM





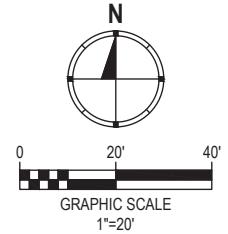
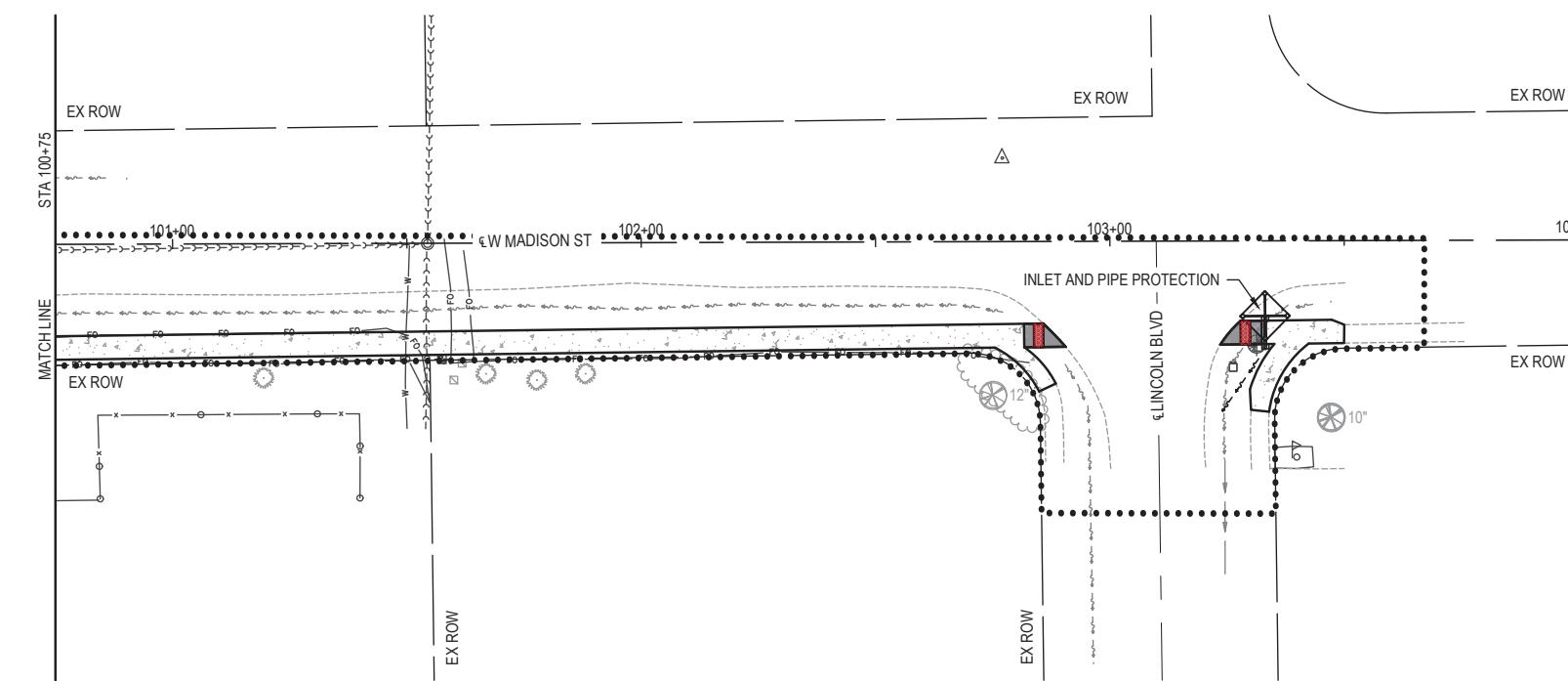
USER NAME = CAMERON RAMIREZ DESIGNED - BRB REVISED -
 DRAWN - CJR REVISED -
 PLOT SCALE = 1' = 1' CHECKED - TLC REVISED -
 PLOT DATE = 2025-12-17 DATE - 2025-12-17 REVISED -

CITY OF MASCOUTAH

EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE SHEETS

SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA. _____ TO STA. _____

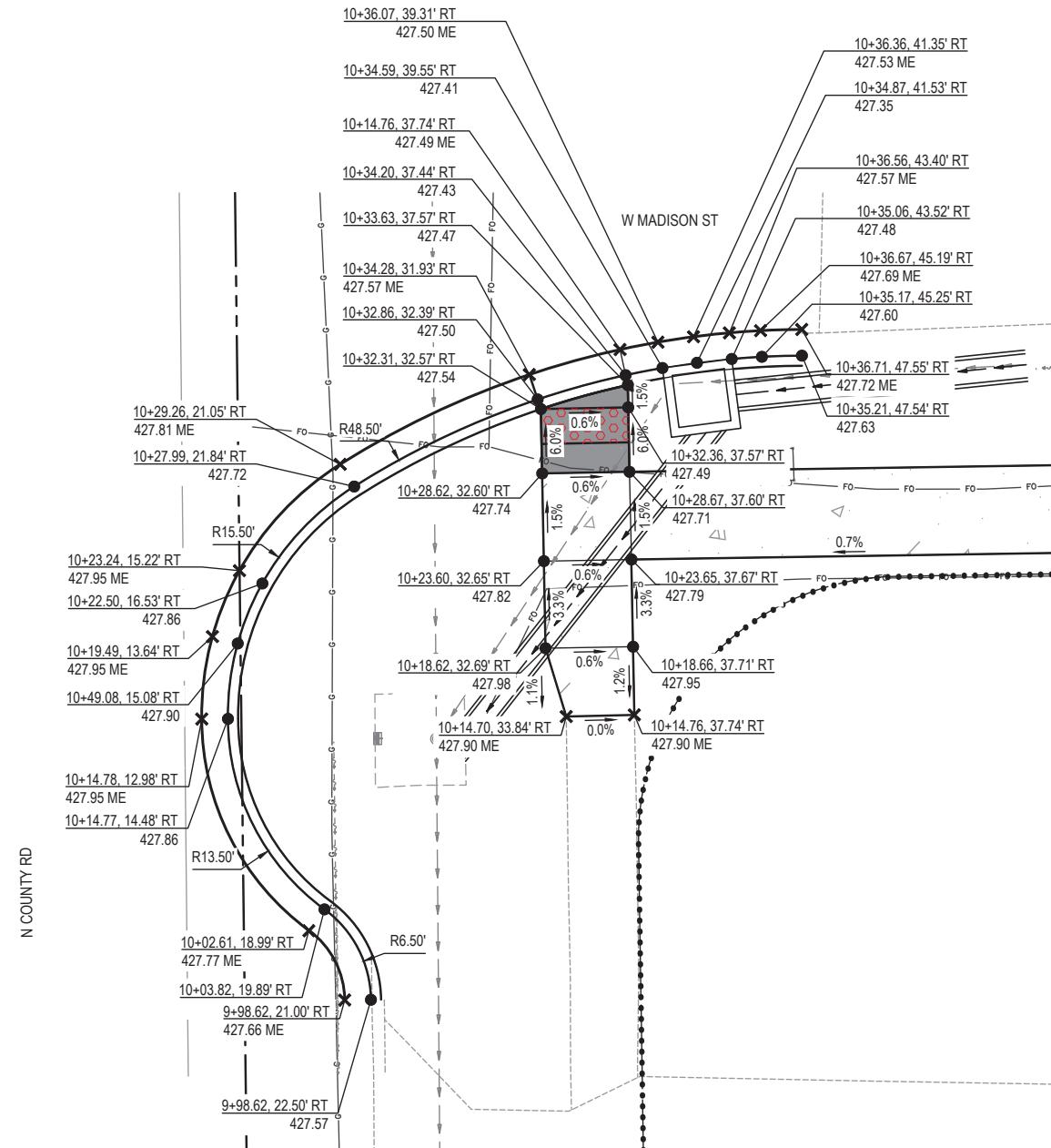
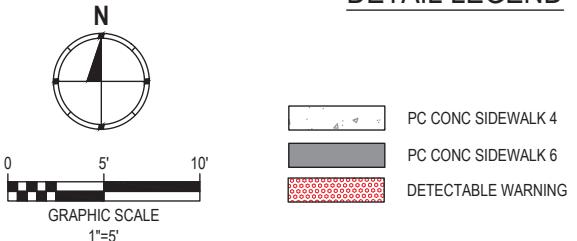
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
9380	24-00031-00-SW	ST. CLAIR	24	12
SRTS MASCOUTAH BUMPOUTS				CONTRACT NO. 97887
FED. ROAD DIST. NO. _____				ILLINOIS



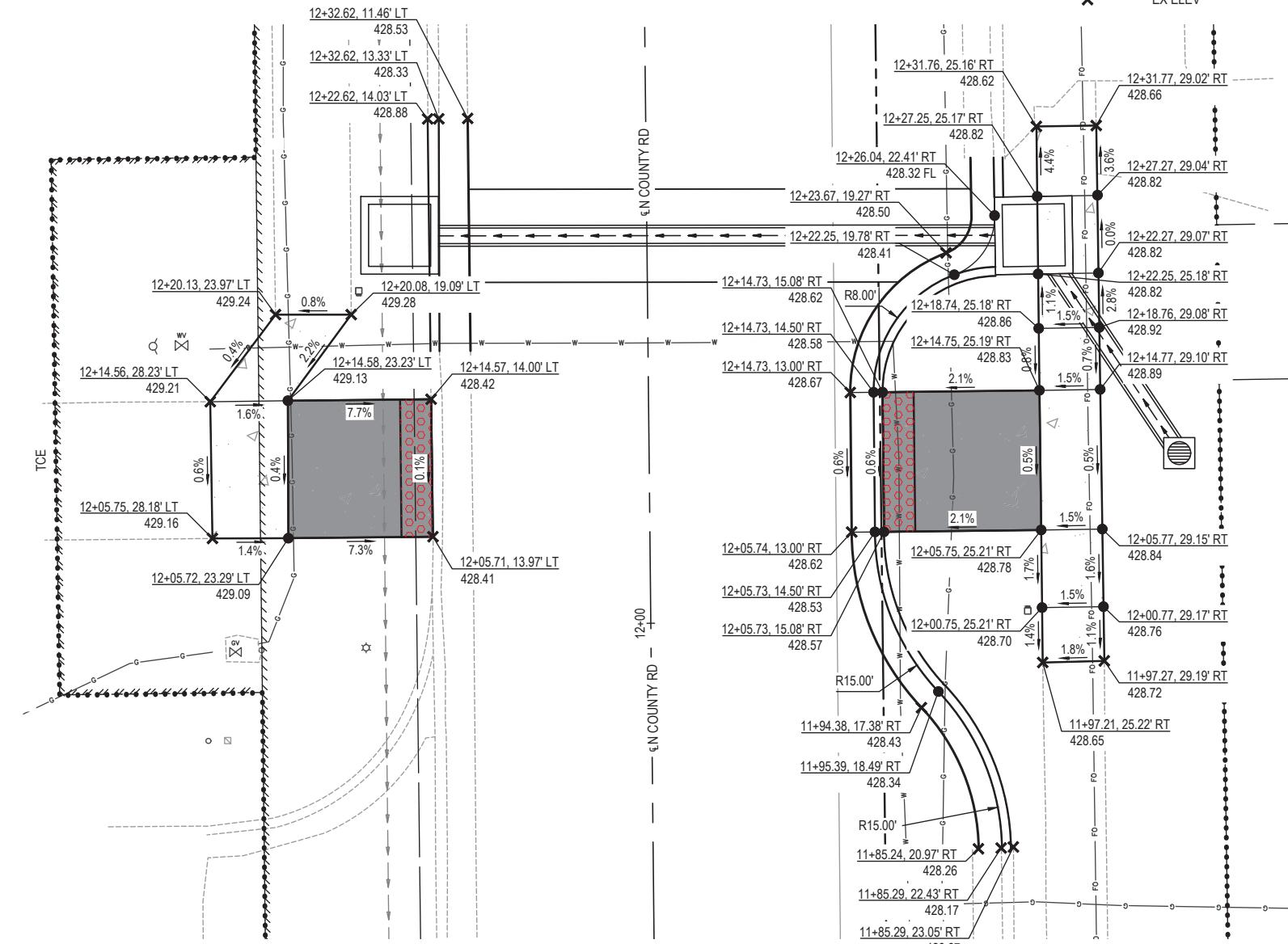
LEGEND

- INLET AND PIPE PROTECTION
- LIMITS OF CONSTRUCTION

DETAIL LEGEND

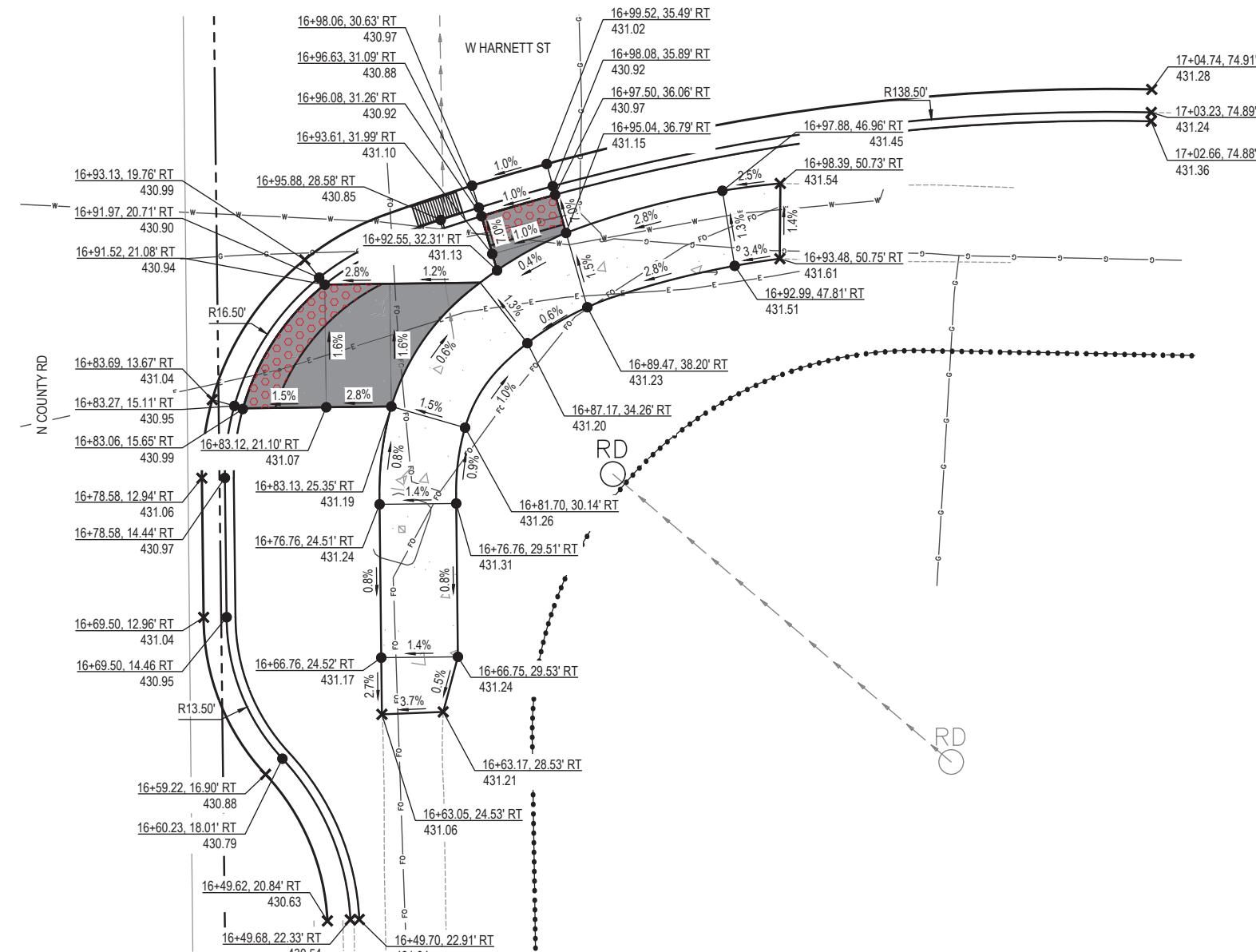
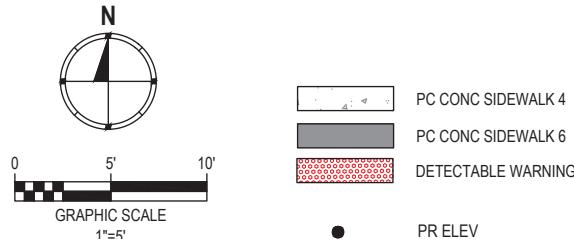


INTERSECTION DETAIL @ SE QUADRANT OF N COUNTY RD AND W MADISON ST

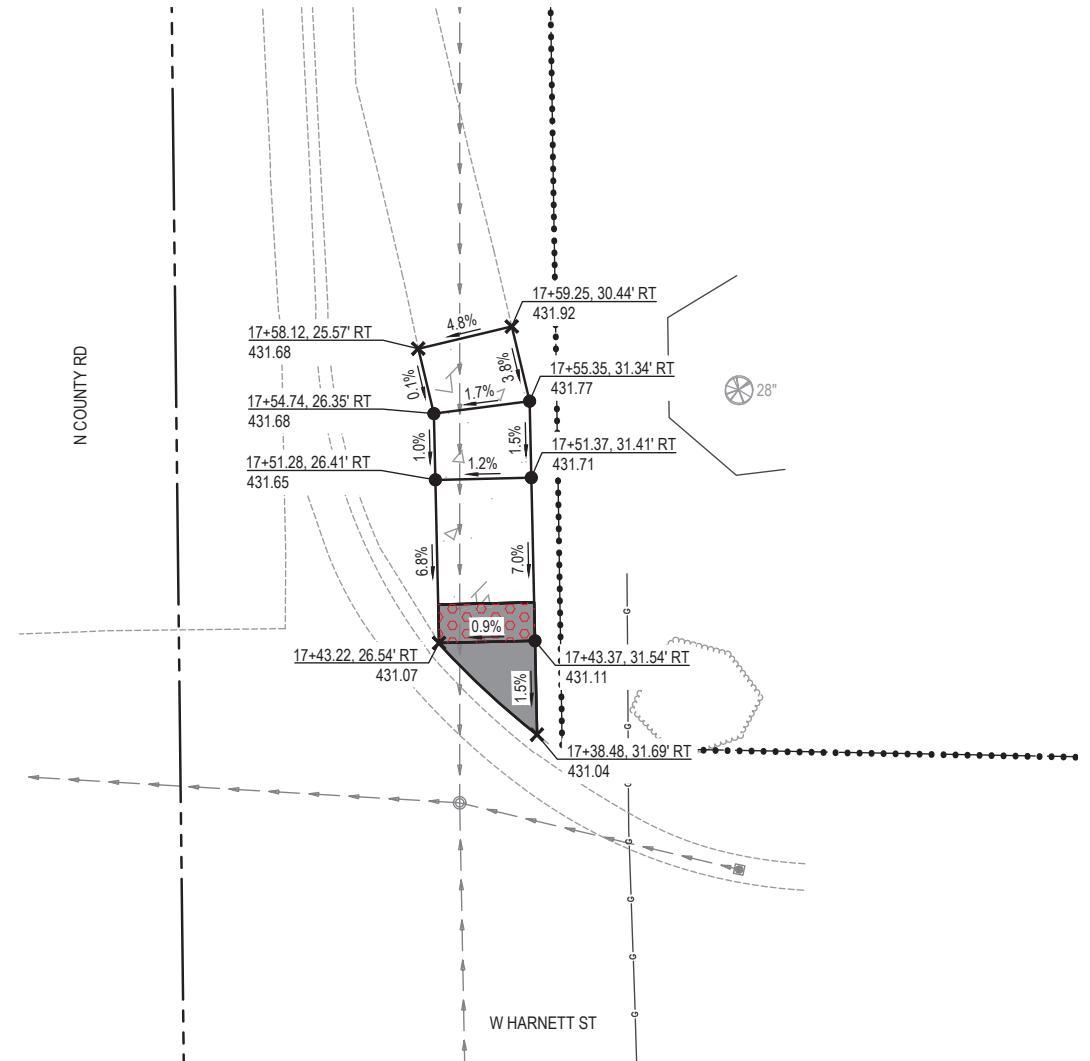


MID-BLOCK CROSSING DETAIL @ N COUNTY RD NEAR STA 12+05

DETAIL LEGEND

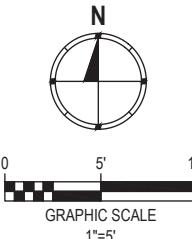


INTERSECTION DETAIL @ SE QUADRANT OF N COUNTY RD AND W HARNETT ST



INTERSECTION DETAIL @ NE QUADRANT OF N COUNTY RD AND W HARNETT ST

DETAIL LEGEND



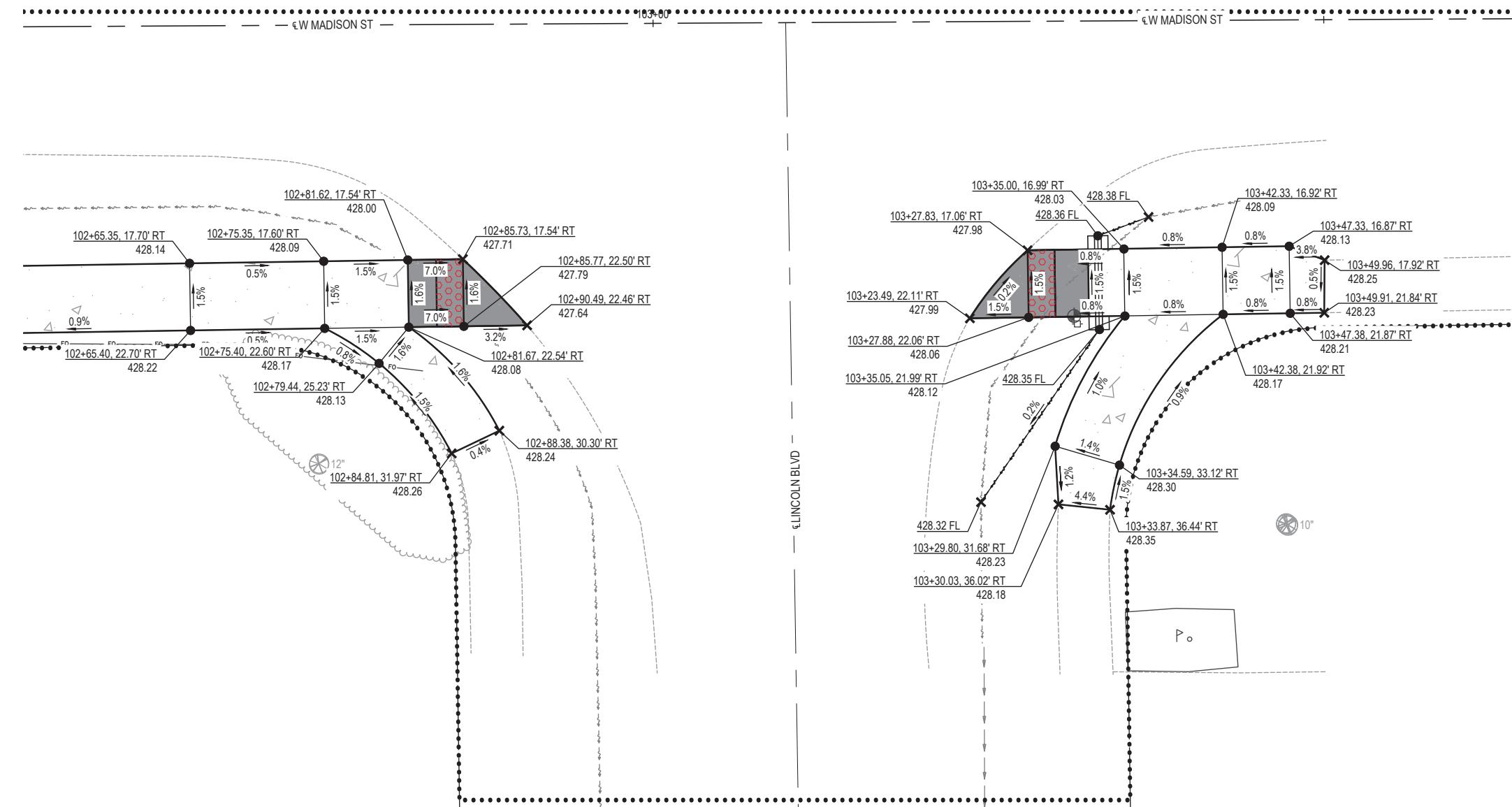
PC CONC SIDEWALK 4

PC CONC SIDEWALK 6

DETECTABLE WARNING

PR ELEV

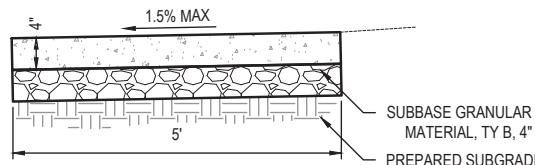
EX ELEV



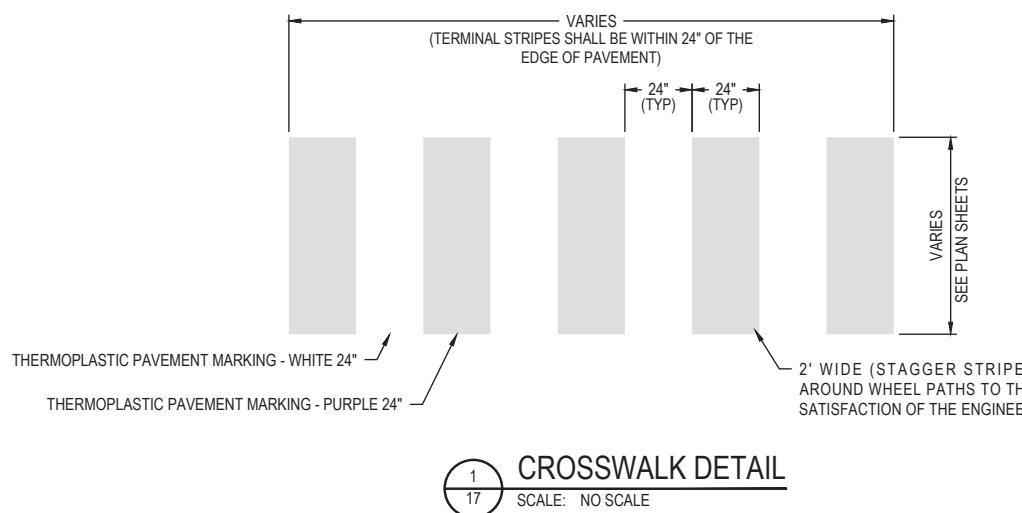
INTERSECTION DETAIL @ W MADISON ST AND LINCOLN BLVD

NOTES:

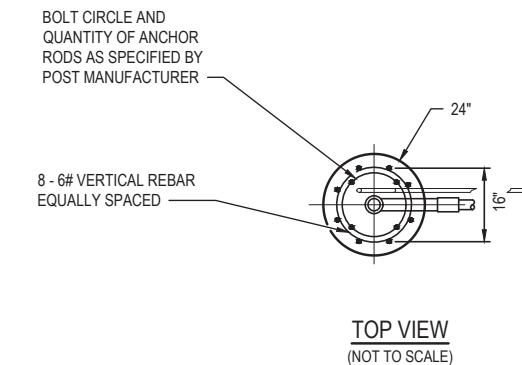
1. CONTRACTION JOINTS ARE TO BE ON $\pm 5'$ CENTERS
2. EXPANSION JOINTS ARE TO BE ON $\pm 100'$ CENTERS AND AT POINTS OF CURVATURE.
3. EXPANSION JOINT REQUIRED BETWEEN THE SIDEWALK AND EXISTING PAVEMENT OR STRUCTURES.
4. ALL EXPANSION JOINTS SHALL BE SEALED WITH GUN GRADE SEALANT.

**PC CONCRETE SIDEWALK DETAIL**

(NOT TO SCALE)



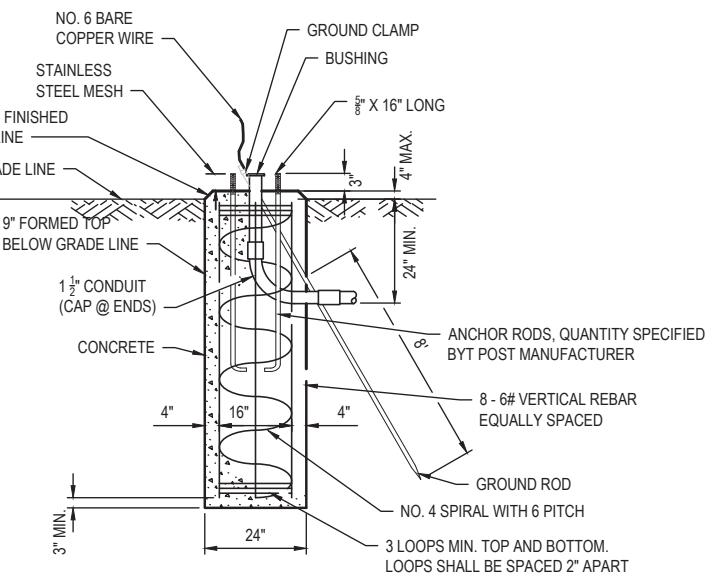
CROSSWALK DETAIL
1
17
SCALE: NO SCALE



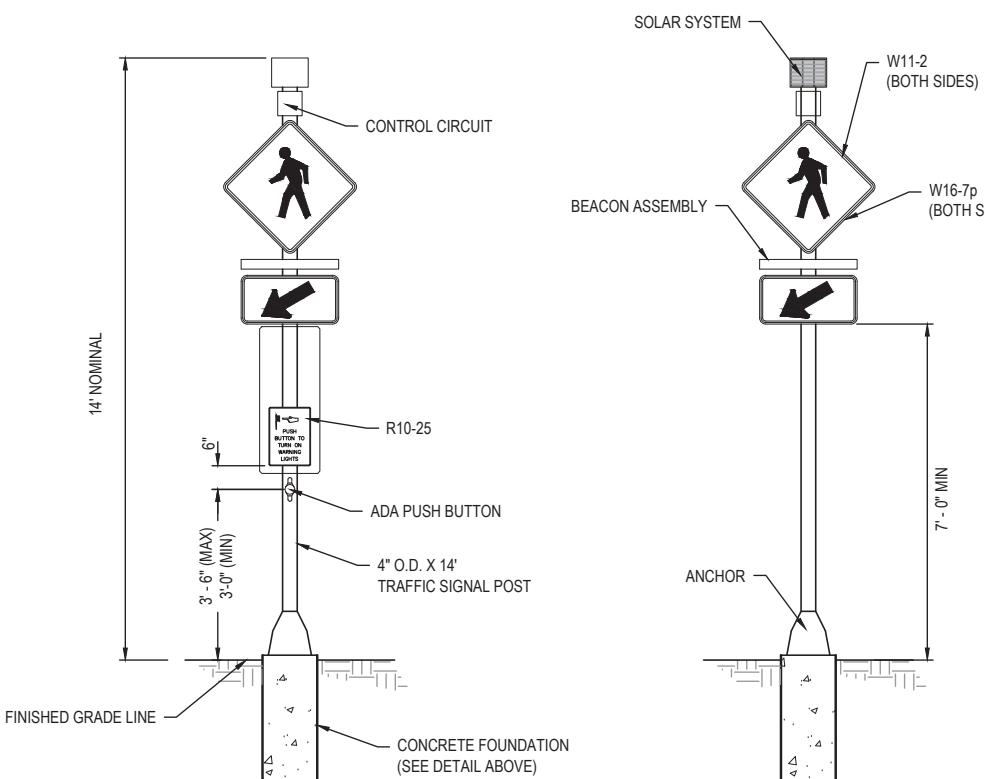
TOP VIEW
(NOT TO SCALE)

NOTES:

1. SEE SPECIAL PROVISION FOR RECTANGULAR RAPID FLASHING BEACON INSTALLATION. CONCRETE FOUNDATIONS, CONTROL CIRCUITS, ETC SHALL BE INCLUDED IN THE COST OF THE ENTIRE ASSEMBLY.
2. POST AND FOUNDATION SHALL BE ACCORDING TO ARTICLE 1077.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. FOUNDATIONS SHALL BE PLACED ADJACENT TO THE EDGE OF SIDEWALK AT THE STATIONS INDICATED ON THE PLANS.



CONCRETE FOUNDATION
(NOT TO SCALE)



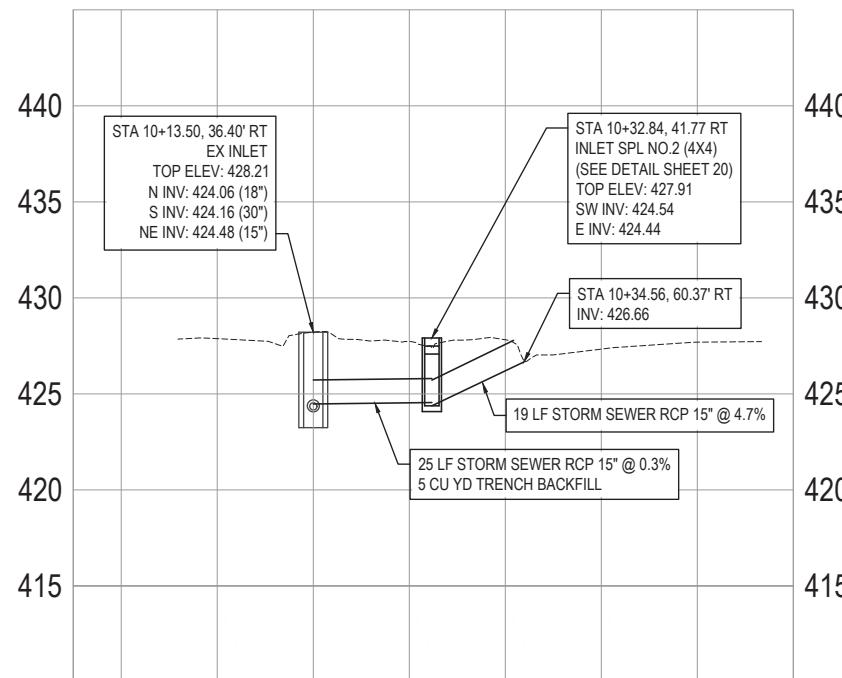
FRONT VIEW
(NOT TO SCALE)

BACK VIEW
(NOT TO SCALE)

POST MOUNTED FLASH BEACON INSTALLATION
2
17
SCALE: NO SCALE

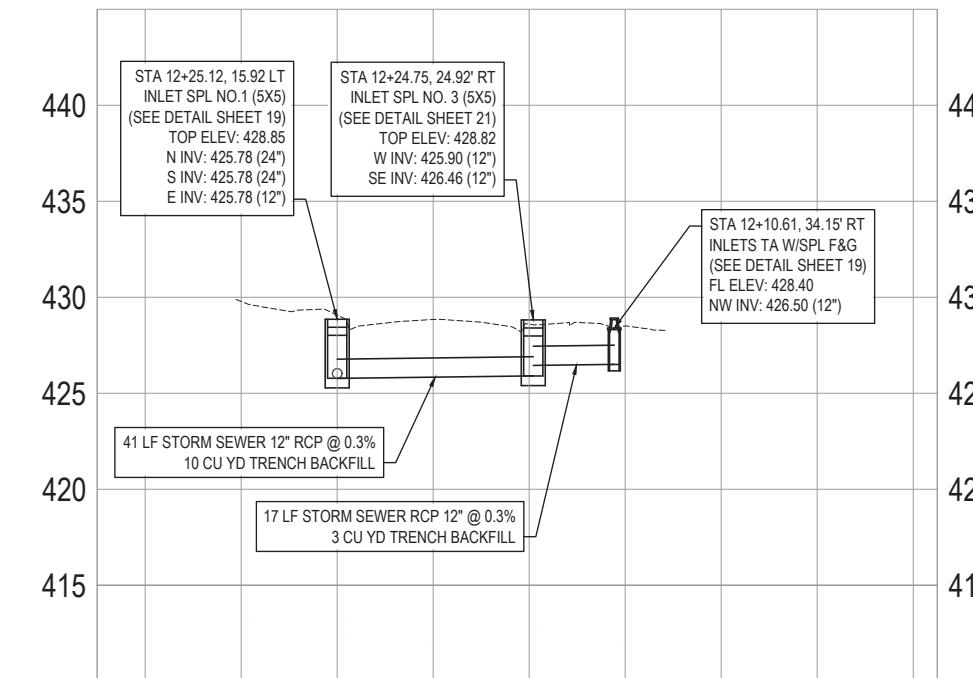
USER NAME =	CAMERON RAMIREZ	DESIGNED -	BRB	REVISED -
		DRAWN -	CJR	REVISED -
PLOT SCALE =	1' = 1'	CHECKED -	TLC	REVISED -
PLOT DATE =	2025-12-17	DATE -	2025-12-17	REVISED -

F.A.U RTE	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
9380	24-00031-00-SW	ST. CLAIR	24	17
SRTS MASCOUTAH BUMPOUTS	CONTRACT NO. 97887			

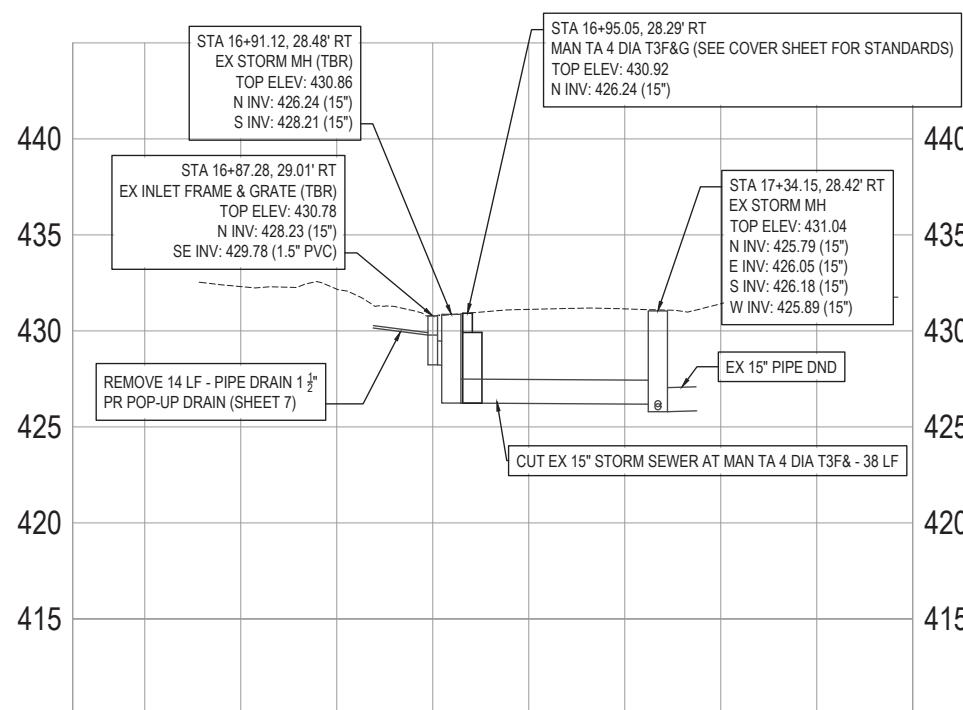


INLETS, SPECIAL NO.2 PROFILE - (PROFILE 1)

FILE NAME = 222157.008 - SRTS BUMPOUT DESIGN DWG

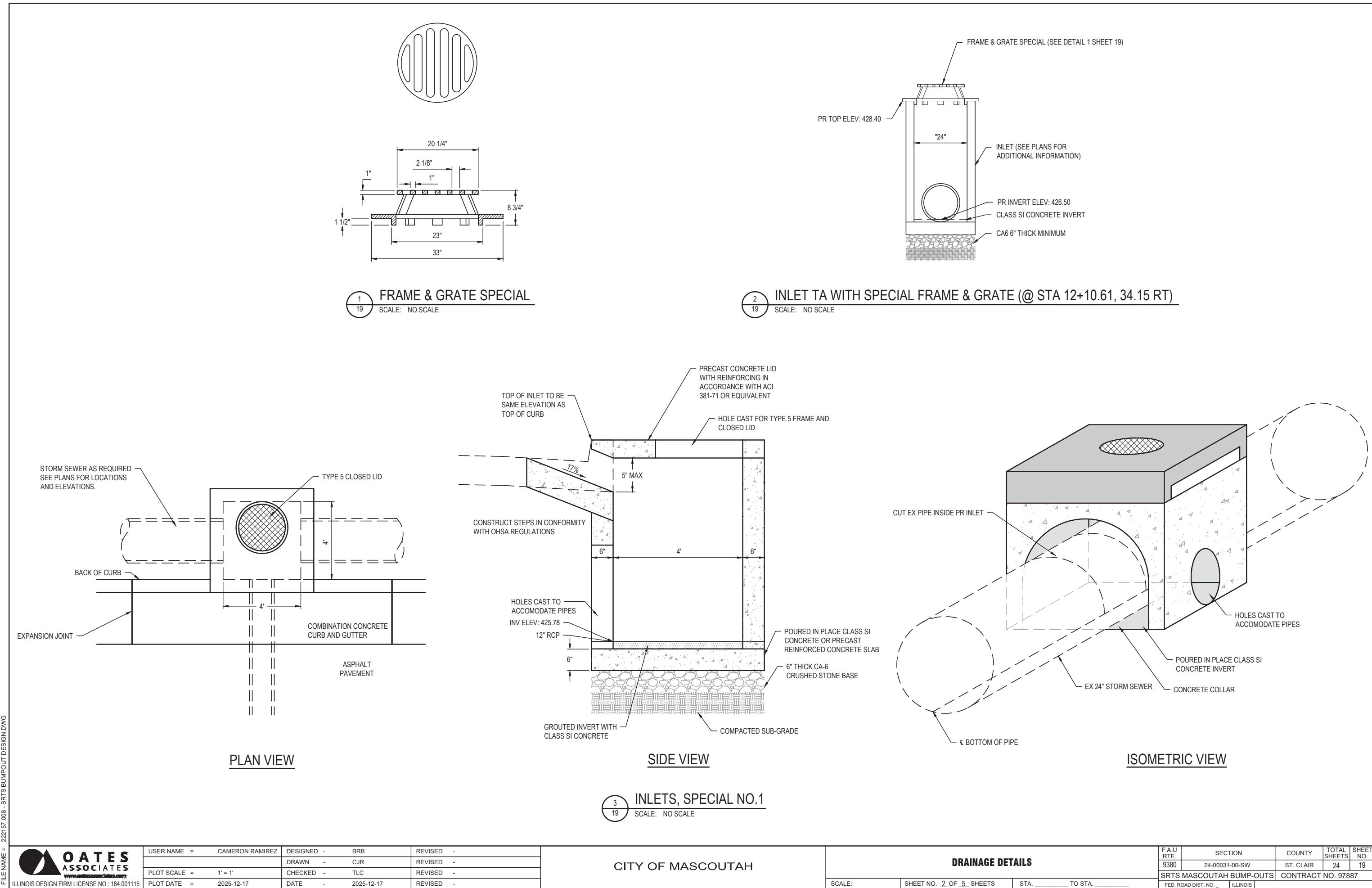


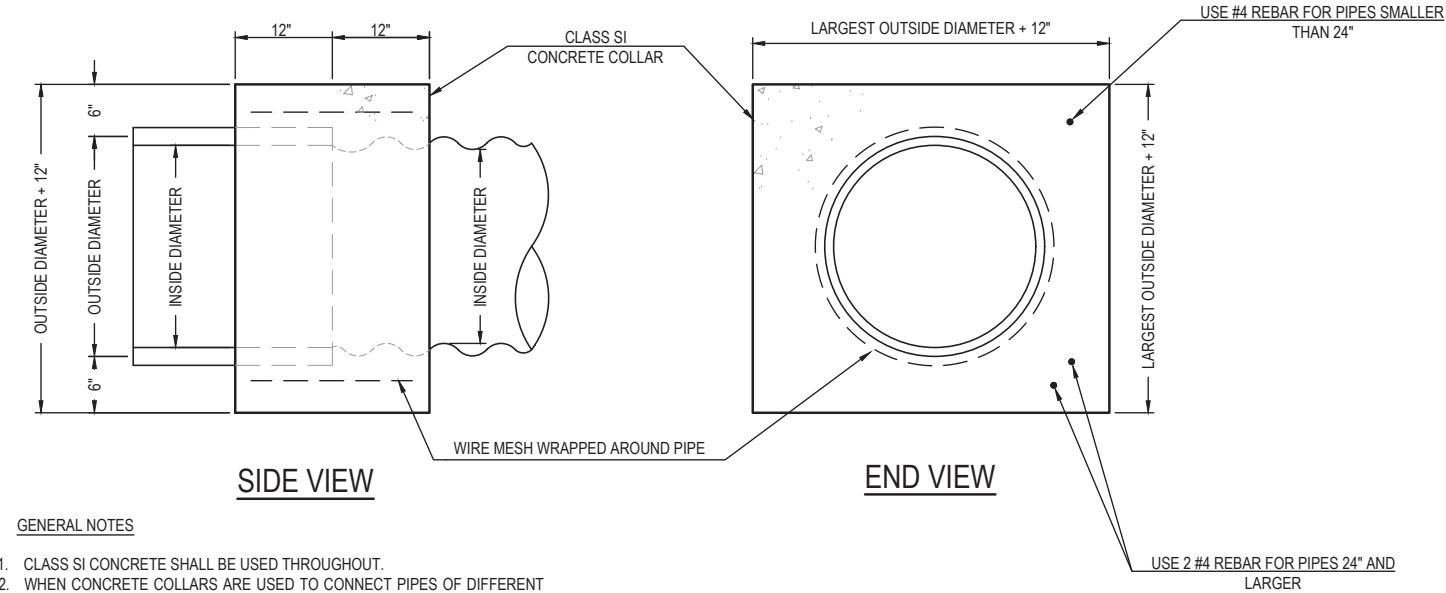
INLETS, SPECIAL NO.1 PROFILE - (PROFILE 2)



INLETS, TYPE A, TYPE 3 FRAME AND GRATE PROFILE - (PROFILE 3)

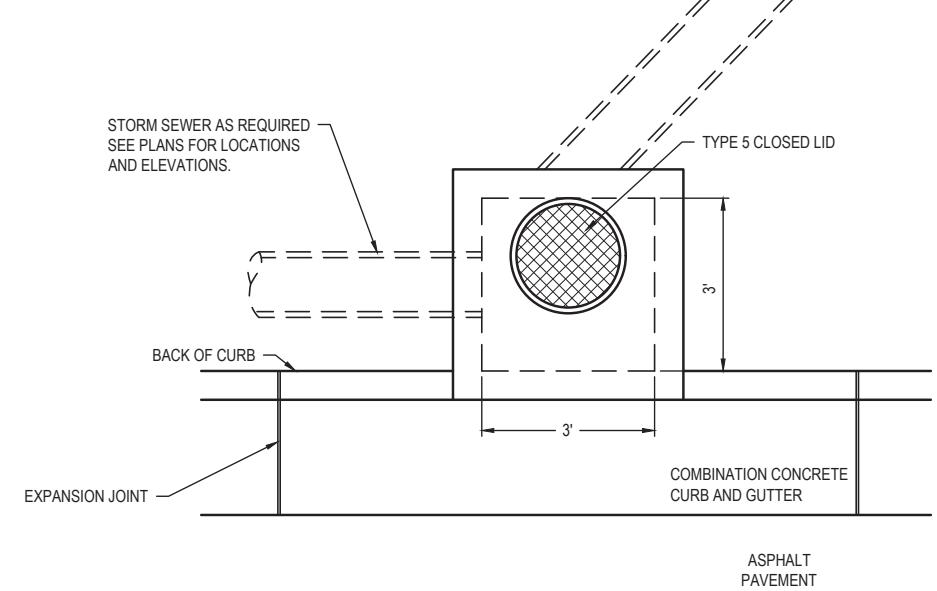
CITY OF MASCOUTAH



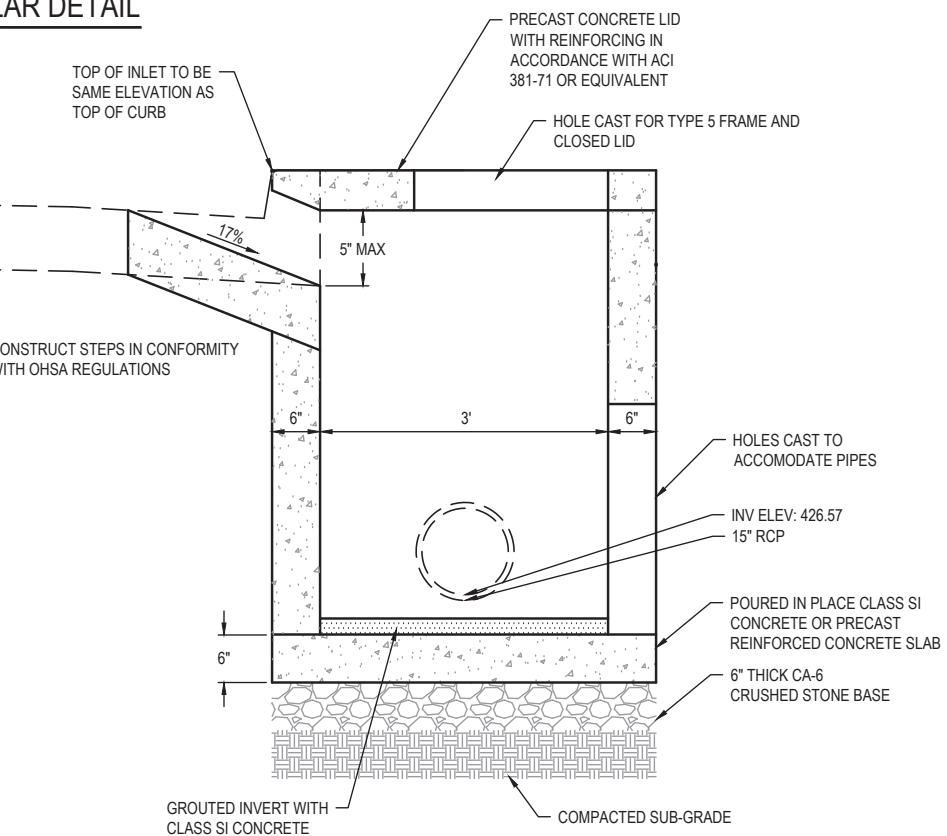


GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) REBAR SHALL BE USED AND WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE PRICE OF THE CONCRETE COLLAR.



PLAN VIEW

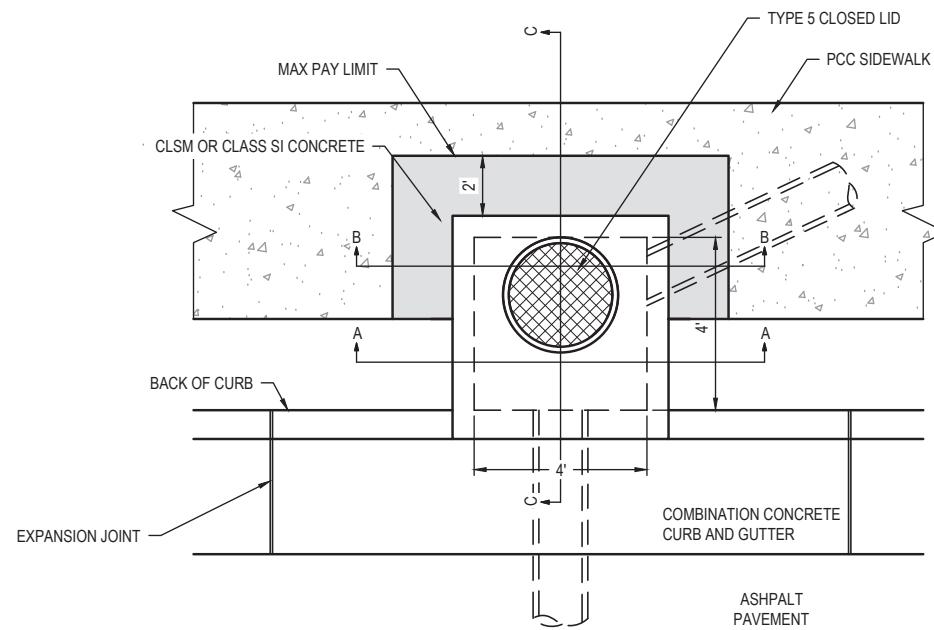
CONCRETE COLLAR DETAIL
1 20 SCALE: NO SCALE

SIDE VIEW

INLETS, SPECIAL NO. 2
2 20 SCALE: NO SCALE

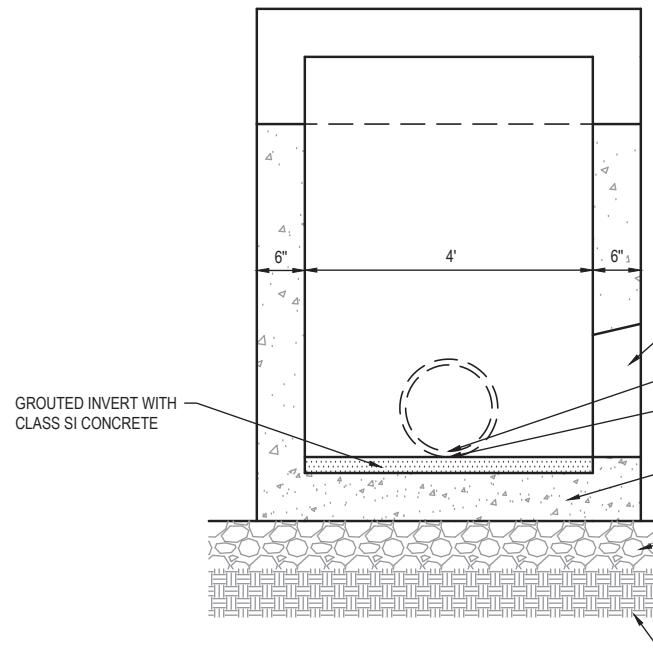
CITY OF MASCOUTAH

DRAINAGE DETAILS

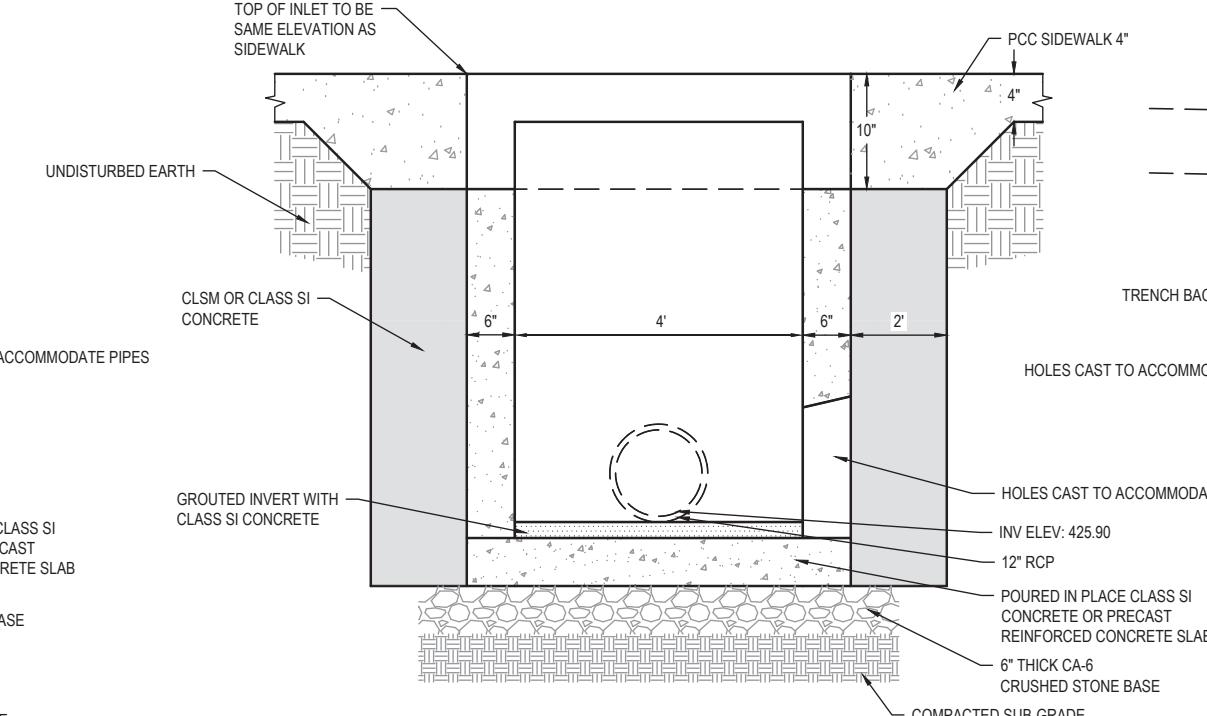


PLAN VIEW

FILE NAME = 222157.008 - SRTS BUMPOUT DESIGN.DWG

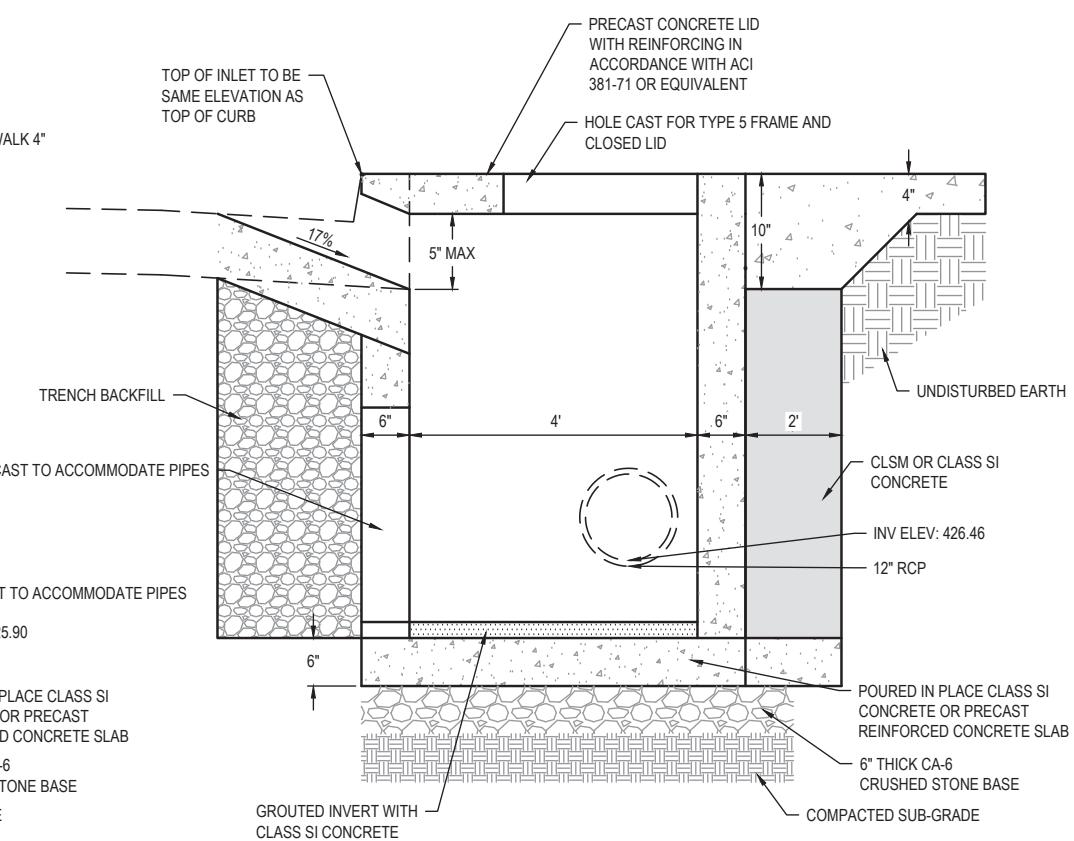


SECTION A - A

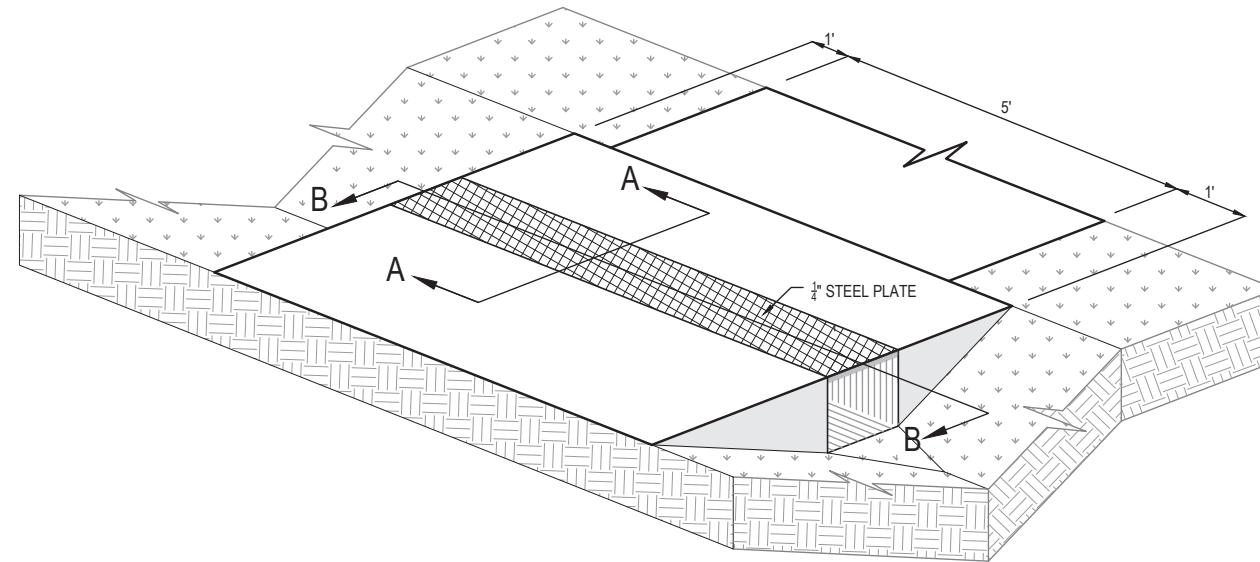


SECTION B - B

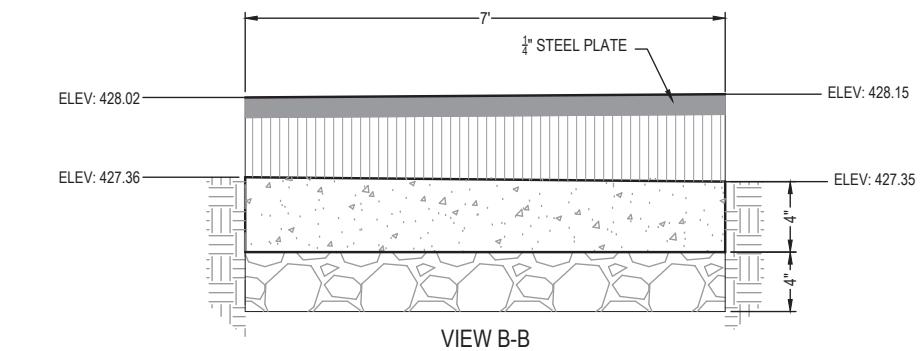
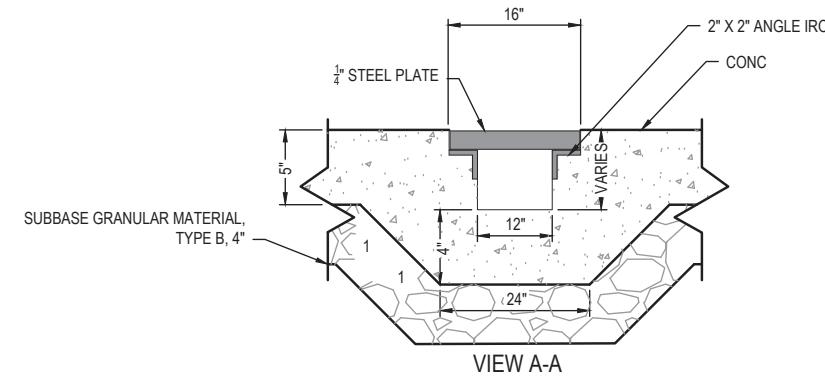
1
21
INLETS, SPECIAL NO. 3 (STA 12+25, RT)
SCALE: NO SCALE



SECTION C - C



1
22
TRENCH DRAIN DETAIL
SCALE: NO SCALE



CONTRACTOR CERTIFICATION STATEMENT

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR 10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION. I HAVE READ AND UNDERSTAND ALL OF THE INFORMATION AND REQUIREMENTS STATED IN THE STORM WATER POLLUTION PREVENTION PLAN FOR THE ABOVE MENTIONED PROJECT. I HAVE PROVIDED ALL DOCUMENTATION REQUIRED TO BE IN COMPLIANCE WITH THE ILR10 AND STORM WATER POLLUTION PREVENTION PLAN AND WILL PROVIDE TIMELY UPDATES TO THESE DOCUMENTS AS NECESSARY.

PRINT NAME	SIGNATURE
TITLE	DATE
NAME OF FIRM	TELEPHONE

STREET ADDRESS

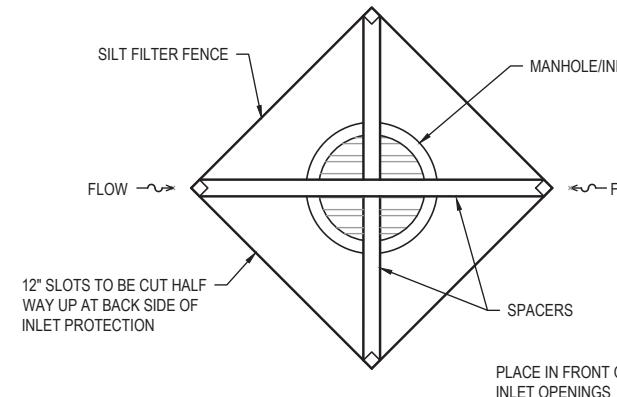
CITY/STATE/ZIP

EFFECTIVE NAME = 222157 008 - SERTS BI/MBO IT DESIGN DWG

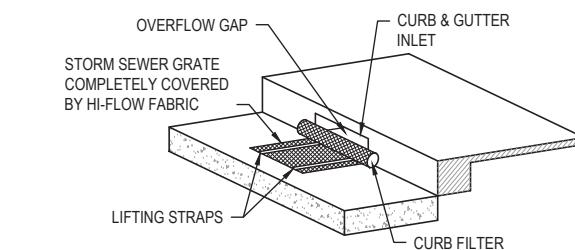


ILLINOIS DESIGN FIRM LICENSE NO. 11

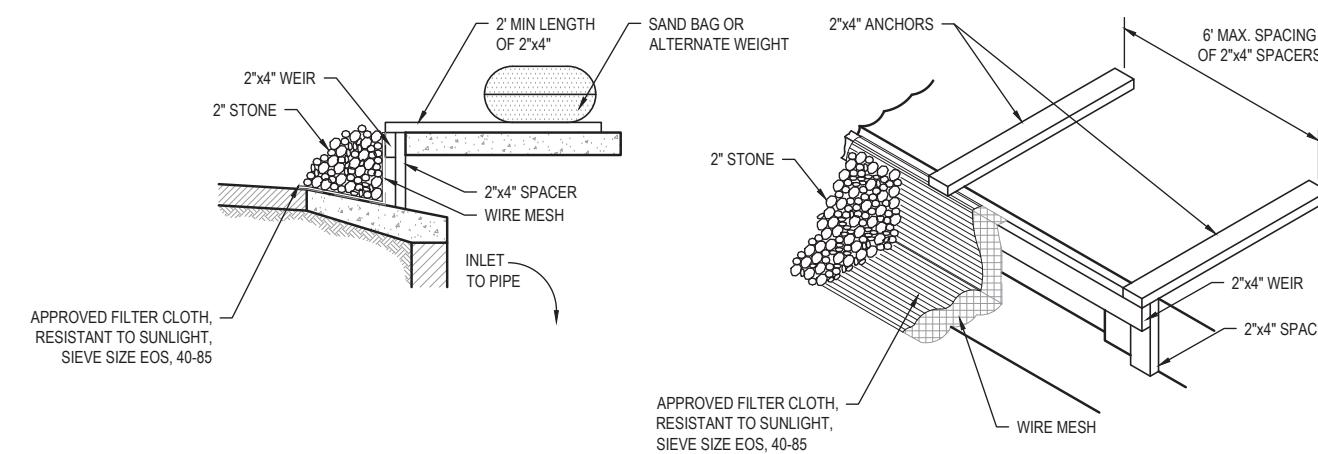
 <p>OATES ASSOCIATES www.oatesassociates.com</p> <p>ILLINOIS DESIGN FIRM LICENSE NO. 194-001116</p>	USER NAME =	CAMERON RAMIREZ	DESIGNED -	BRB	REVISED -	<p>CITY OF MASCOUTAH</p> <p>EROSION CONTROL DETAILS</p>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
			DRAWN -	CJR	REVISED -		9380	24-00031-00-SW	ST. CLAIR	24	23
	PLOT SCALE =	1' = 1'	CHECKED -	TLC	REVISED -		SRTS MASCOUTAH BUMP-OUTS				
	PLOT DATE =	2025-12-17	DATE	2025-12-17	REVISED		CONTRACT NO. 97887				
	SCALE:		SHEET NO.	1 OF 2 SHEETS	STA.	TO STA.	560 ROAD 201 NO. 1	ILLINOIS			



1
24
INLET PROTECTION
SCALE: NO SCALE



2
24
CURB INLET PROTECTION
SCALE: NO SCALE



3
24
INLET PROTECTION DETAIL FOR OPEN THROAT
SCALE: NO SCALE