

08-02-2024 LETTING ITEM 057

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.U. ATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	1
		ILLINOIS	CONTRACT NO. 97837	

INDEX OF SHEETS

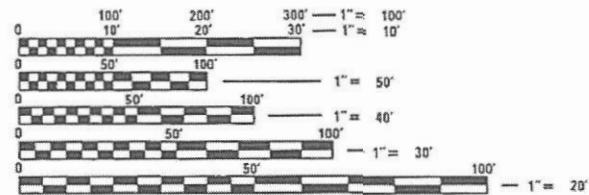
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- 728001-01 TELESCOPING STEEL SIGN SUPPORT
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- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

DESIGN DESIGNATION

ROADWAY CLASSIFICATION: MINOR COLLECTOR  
 DESIGN SPEED: 35 MPH  
 CURRENT ADT (2024): 1,200 VPD  
 DESIGN YEAR ADT (2044): 1,475 VPD



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 EXCAVATORS  
 1-800-892-0123  
 OR 811

CONTRACT NO. 97837

PLANS PREPARED BY:



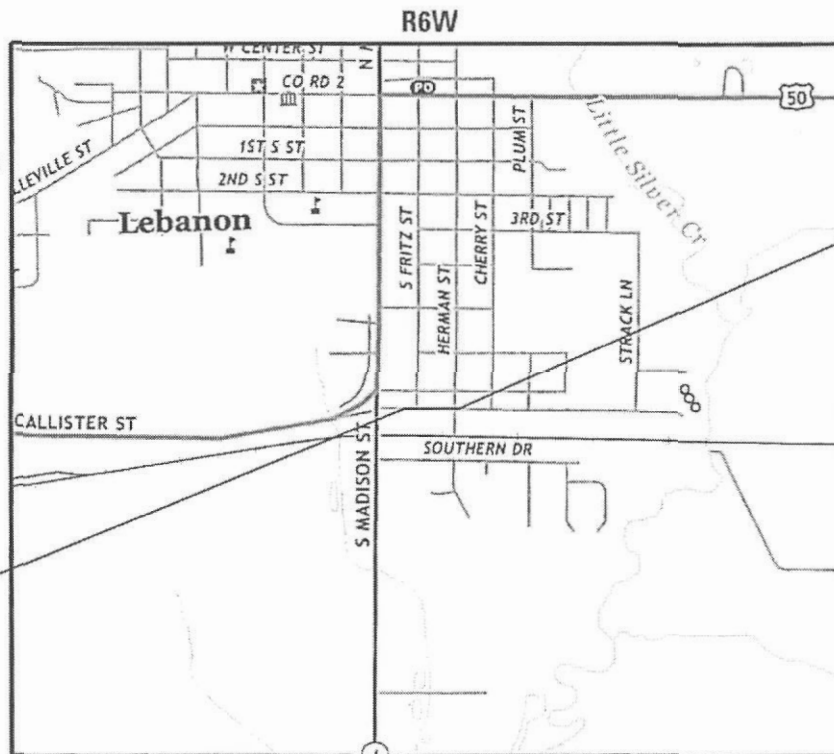
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PROPOSED HIGHWAY PLANS

STP FUNDS  
 FAU ROUTE 9248  
 SECTION 15-00023-00-PV  
 PROJECT 7W28(958)  
 E McALLISTER STREET RECONSTRUCTION  
 CITY OF LEBANON  
 ST. CLAIR COUNTY

C-98-072-19



BEGIN PROJECT STA. 203+00.00

END PROJECT STA. 208+69.40

N.T.S.

GROSS LENGTH = 569.40 FT. = 0.108 MILE  
 NET LENGTH = 569.40 FT. = 0.108 MILE



LOCATION OF SECTION INDICATED THIS: -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

APPROVED 4/26/24  
*Chere Weidert*  
 MAYOR  
 CITY OF LEBANON

PASSED 6-10 20 24  
*[Signature]*  
 DISTRICT 8 ENGINEER  
 LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW 6-10 20 24  
*[Signature]*  
 REGIONAL ENGINEER

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 OF THE STATE OF ILLINOIS

JEFFREY R. REIS, P.E., P.T.O.E. EXPIRATION DATE  
 LICENSE NO. 062-063262 11-30-2025

4-26-24

**GENERAL**

ANY AREA DISTURBED OUTSIDE CONSTRUCTION LIMITS DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING ROADWAY FEATURES, SUCH AS CULVERTS, PAVEMENT, FENCING, ETC., LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO REMAIN UNLESS NOTED OTHERWISE ON THE PLANS.

IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAYS, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.

ELECTRONIC DRAWING FILES WILL NOT BE PROVIDED TO THE CONTRACTOR OR SUB-CONTRACTOR AT ANY TIME.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF LEBANON AT LEAST SEVENTY TWO (72) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

**EROSION CONTROL**

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

**SIGNS**

ALL CONSTRUCTION WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE.

ALL SIGNS AND MAILBOXES THAT CONFLICT WITH CONSTRUCTION ACTIVITIES SHALL BE REMOVED AND RESET BY THE CONTRACTOR.

ANY DAMAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

**PROPERTY OWNERS**

ROAD WILL BE CLOSED TO THROUGH TRAFFIC DURING CONSTRUCTION AND ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES, PRIVATE OR COMMERCIAL, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURE.

PRIOR TO CONSTRUCTING ANY ENTRANCE OR GUTTER ADJACENT TO THE ENTRANCE, THE PROPERTY OWNER WILL BE NOTIFIED IN WRITING BY THE CONTRACTOR, INFORMING THEM OF CONSTRUCTION AND ESTIMATED DATES CONSTRUCTION WILL TAKE PLACE. SEE RESIDENT NOTIFICATION SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

**UTILITIES**

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- \*AMEREN ILLINOIS
- \*ATT DISTRIBUTION
- \*CHARTER SPECTRUM COMMUNICATIONS
- \*CITY OF LEBANON
- \*CLEARWAVE COMMUNICATIONS
- \*SLM WATER COMMISSION

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY \*  
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

THE ENGINEER AND OWNER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THE LOCATION OF THE FIELD VERIFIED UTILITIES WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR PROJECT DIRECTION.

ANY FACILITIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION AND AFFECTING CONSTRUCTION ACTIVITIES, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL/ADJUSTMENTS AND ADJUST HIS OR HER OPERATIONS IN ORDER THAT THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THE PROJECT MAY PROGRESS IN A REASONABLE MANNER.

**PAVING**

BITUMINOUS MATERIALS APPLICATION RATE:  
PRIME COAT:  
ON AGGREGATE SURFACES = 0.25 LB/SQ FT  
TACK COAT:  
ON MILLED/AGED SURFACES = 0.05 LB/SQ FT  
ON HMA LIFTS = 0.025 LB/SQ FT

A RAPID CURE NTEA IDOT APPROVED TACK WILL BE REQUIRED. NO TRACKING WILL BE PERMITTED.

**REMOVAL ITEMS**

THE SAW CUTTING OF EXISTING ITEMS SHALL BE INCLUDED IN THE COST OF THE ITEM FOR WHICH THE SAW CUT IS BEING MADE.

ALL MATERIALS SCHEDULED FOR REMOVAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS/HER EXPENSE.

CURB AND GUTTER REMOVAL SHALL INCLUDE REMOVAL OF DIFFERENT KINDS OF CURB AND GUTTER NO MATTER THE TYPE OR SIZE.

THE CONTRACTOR SHALL USE CARE IN PROTECTING EXISTING MANHOLES, INLETS, AND WATER VALVES DURING THE REMOVAL OPERATION. ANY NECESSARY ADJUSTMENTS TO THE EXISTING MANHOLES AND WATER VALVES WILL BE PERFORMED BY THE CONTRACTOR.

**EMERGENCY CONTACT**

CODY TERRY  
STREET/ ALLEY/ CEMETERY SUPPORT  
CITY OF LEBANON  
312 W. ST. LOUIS STREET  
LEBANON IL 62254  
O: (618) 537-4976

**COMMITMENTS**

TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST TO SEPTEMBER 30TH OF ANY GIVEN YEAR.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE USE	SURFACE	BINDER	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	*	*	*
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL-19.0	IL 9.5
FRICTION AGG	MIXTURE "C"	MIXTURE "C"	MIXTURE "C"

\* SEE SECTION 1031 IN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

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**CITY OF LEBANON**

**GENERAL NOTES AND COMMITMENTS**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	2
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	13
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	122
20200100	EARTH EXCAVATION	CU YD	790
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100
20800150	TRENCH BACKFILL	CU YD	179
25000110	SEEDING, CLASS 1A	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	20
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	20
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	20
25100115	MULCH, METHOD 2	ACRE	0.25
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	536
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50
28000305	TEMPORARY DITCH CHECKS	FOOT	14
28000500	INLET AND PIPE PROTECTION	EACH	26
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	200

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	1265
35100100	AGGREGATE BASE COURSE, TYPE A	TON	542
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	82
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	93
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4996
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	589
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	211
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	425
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	280
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	6
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	18
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	181
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2726
42400800	DETECTABLE WARNINGS	SQ FT	79
44000100	PAVEMENT REMOVAL	SQ YD	1771

\* SPECIALTY ITEM

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CITY OF LEBANON

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	3
CONTRACT NO. 97837				
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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	51
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	176
44000600	SIDEWALK REMOVAL	SQ FT	142
50105220	PIPE CULVERT REMOVAL	FOOT	270
* 50901760	PIPE HANDRAIL	FOOT	179
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	33
542C0241	PIPE CULVERTS, CLASS C, TYPE 1 36"	FOOT	72
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	73
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	135
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	30
550A2400	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 36"	FOOT	23
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	409

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
550B0040	STORM SEWERS, CLASS B, TYPE 1 10"	FOOT	74
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	154
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	2
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	2
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
60500060	REMOVING INLETS	EACH	5
60602800	CONCRETE GUTTER, TYPE B	FOOT	206
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1015
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	275
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1

\* SPECIALTY ITEM

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CITY OF LEBANON

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-0023-00-PV	ST. CLAIR	31	4
CONTRACT NO. 97837			ILLINOIS FED. AID PROJECT	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2
67100100	MOBILIZATION	L SUM	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	44.75
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	83
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	486
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	242
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	46
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	34
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	189
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	30
X0327301	RELOCATE EXISTING MAILBOX	EACH	2
X1700066	POTHOLING	EACH	25
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	SQ FT	1199

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
X5510100	STORM SEWER REMOVAL	FOOT	327
X6024242	INLETS, SPECIAL, NO. 1	EACH	2
X6024244	INLETS, SPECIAL, NO. 2	EACH	5
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	2
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
# Z0076600	TRAINEES	HOURL	500
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500

\* SPECIALTY ITEM

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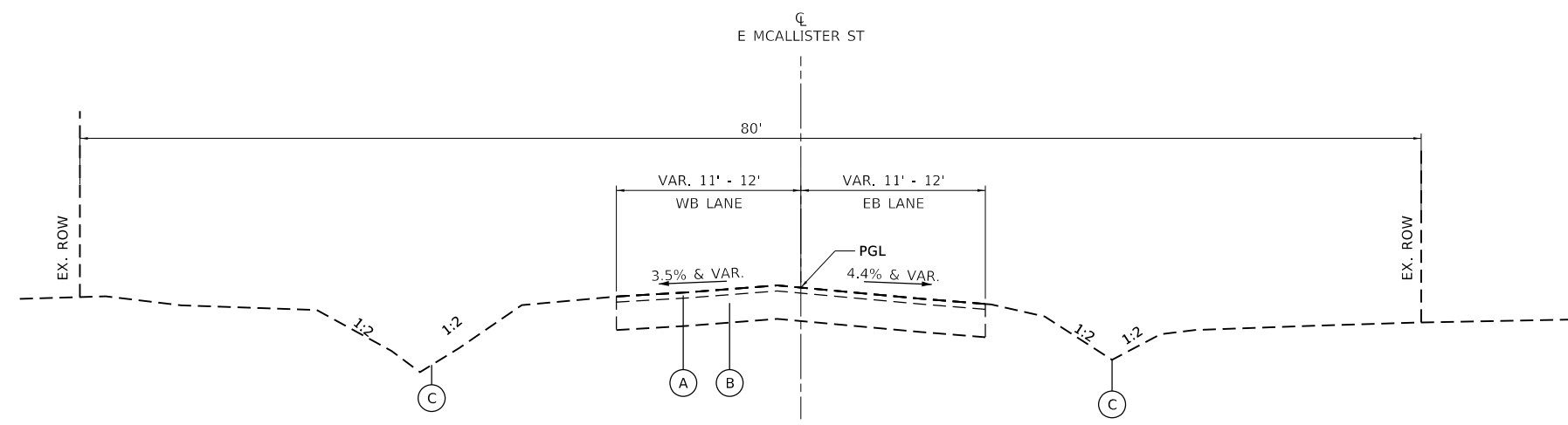
**CITY OF LEBANON**

**SUMMARY OF QUANTITIES**  
SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. TO STA.

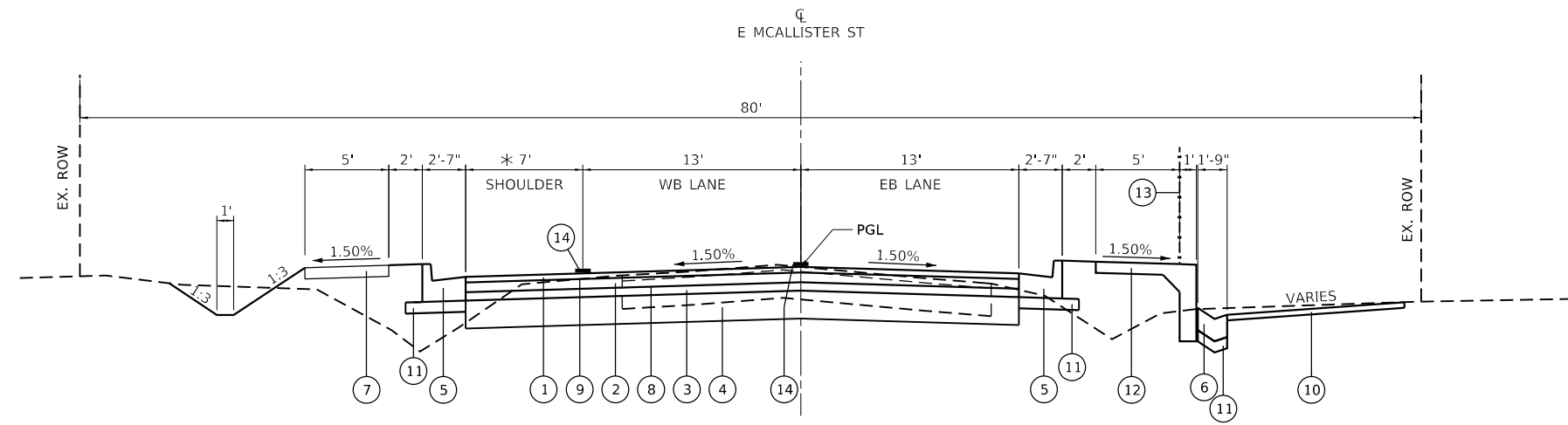
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9248	15-00023-00-PV	ST. CLAIR	31	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97837	

**LEGEND**

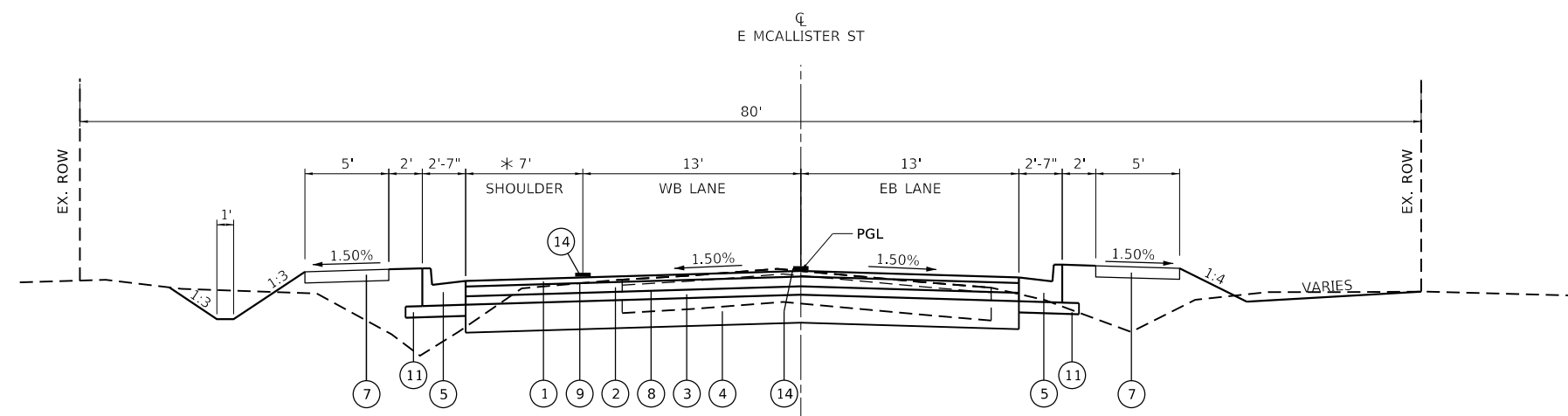
- (A) EX. BITUMINOUS SURFACE TREATMENT
- (B) EX. AGGREGATE SURFACE
- (C) EX. DITCH
  
- (1) PR. HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70, 2.0"
- (2) PR. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3.5"
- (3) PR. AGGREGATE BASE COURSE, TYPE A, 3"
- (4) PR. SUBBASE GRANULAR MATERIAL, TYPE A, 10"
- (5) PR. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (6) PR. CONCRETE GUTTER, TYPE B
- (7) PR. PCC SIDEWALK, 4"
- (8) PR. BITUMINOUS MATERIALS (PRIME COAT)
- (9) PR. BITUMINOUS MATERIALS (TACK COAT)
- (10) PR. AGGREGATE SURFACE COURSE, 2"
- (11) PR. AGGREGATE BASE COURSE, TYPE A, 4"
- (12) PR. PCC SIDEWALK, 4 INCH (SPECIAL)
- (13) PR. PIPE HANDRAIL
- (14) PR. PAVEMENT MARKING LINE



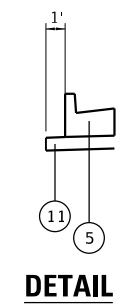
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**PR. TYPICAL SECTION - E MCALLISTER ST**  
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**CITY OF LEBANON**

<b>TYPICAL SECTIONS</b>			
SCALE: N.T.S.	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	6
CONTRACT NO. 97837				
		ILLINOIS	FED. AID PROJECT	

REMOVAL SCHEDULE								
LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL
STATION	TO	STATION	NOTES	SQ YD	SQ YD	SQ YD	FOOT	SQ FT
<b>E MCALLISTER ST</b>								
202+73.38			LT			51.0		
203+00.00	TO	203+37.23	LT/RT	98.4				
203+37.23	TO	208+39.40	LT/RT		1770.5			
203+94.04	TO	204+16.04	LT	24.2				
206+34.45	TO	206+37.16	LT					67.3
207+13.65	TO	207+16.30	RT					43.0
207+53.90	TO	207+78.54	RT				46.0	
207+54.31	TO	207+78.58	LT				42.5	
208+11.75	TO	208+37.42	LT				42.7	
208+12.81	TO	208+36.62	RT				44.8	
208+20.39	TO	208+24.20	LT					31.7
208+39.40	TO	208+69.40	LT/RT	88.3				
<b>TOTAL:</b>				<b>211</b>	<b>1771</b>	<b>51</b>	<b>176</b>	<b>142</b>

EARTHWORK SCHEDULE								
						FOR INFORMATION ONLY		
		NON-SPECIAL WASTE DISPOSAL *	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)		
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD		
<b>E MCALLISTER ST</b>								
201+15.99	TO	208+97.98	276	789	592	309	283	
<b>SUB-TOTAL:</b>			<b>276</b>	<b>789</b>	<b>592</b>	<b>309</b>	<b>283</b>	
<b>PAY TOTAL:</b>			<b>275</b>	<b>790</b>				

\*NOT AVAILABLE FOR USE IN EMBANKMENT

TREE REMOVAL SCHEDULE					
STATION	TREE REMOVAL				
	(6 TO 15 UNITS DIAMETER)		(OVER 15 UNITS DIAMETER)		
	UNITS		UNITS		
<b>E MCALLISTER ST</b>					
203+64.28	27.57	LT			31
205+38.26	27.30	LT			23
205+39.25	26.37	LT	13		
206+97.12	30.61	LT			33
208+45.44	29.79	LT			35
<b>TOTAL:</b>			<b>13</b>		<b>122</b>

SEEDING SCHEDULE								
LOCATION			SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMP. EROSION CONTROL SEEDING
STATION	TO	STATION	ACRE	POUND	POUND	POUND	ACRE	POUND
<b>E MCALLISTER ST</b>								
201+15.99	TO	208+97.98	0.263	23.7	23.7	23.7	0.263	52.6
<b>TOTAL:</b>			<b>0.263</b>	<b>23.7</b>	<b>23.7</b>	<b>23.67</b>	<b>0.263</b>	<b>52.6</b>
<b>PAY TOTAL:</b>			<b>0.25</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>0.25</b>	<b>50</b>

SIGNAGE SCHEDULE											
LOCATION			DESCRIPTION					REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
STATION	SIGN	SHAPE	SIZE	EACH	EACH	SQ FT	FOOT				
<b>E MCALLISTER ST</b>											
203+37.23	17.50	RT	R8-3a (NO PARKING)	RECTANGLE	24	X	30		5.00	15.2	
203+49.12	17.50	LT	R8-3a (NO PARKING)	RECTANGLE	24	X	30		5.00	15.2	
203+83.77	27.31	LT	STOP & STREET NAMES					1			
203+88.97	36.08	LT	R1-1 (STOP)	OCTAGON	30	X	30		6.25	18.1	
			D3-1 (MCALLISTER ST)	RECTANGLE	54	X	12		4.50		
			D3-1 (FRITZ ST)	RECTANGLE	36	X	12		3.00		
204+56.74	16.08	LT	NO PARKING & TIMEFRAME					1			
206+43.01	32.84	LT	NO PARKING & TIMEFRAME					1			
207+33.87	20.03	LT	NO PARKING & TIMEFRAME					1			
207+62.89	25.99	RT	STREET NAMES					1			
207+73.46	41.08	LT	R1-1 (STOP)	OCTAGON	30	X	30		6.25	18.1	
			D3-1 (MCALLISTER ST)	RECTANGLE	54	X	12		4.50		
			D3-1 (HERMAN ST)	RECTANGLE	48	X	12		4.00		
207+74.74	44.09	LT	STOP					1			
208+18.40	29.08	RT	R1-1 (STOP)	OCTAGON	30	X	30		6.25	16.0	
<b>TOTAL:</b>				<b>2</b>	<b>4</b>	<b>44.75</b>	<b>83</b>				

EROSION CONTROL BLANKET SCHEDULE					
LOCATION					HEAVY DUTY EROSION CONTROL BLANKET
					SQ YD
<b>E MCALLISTER ST</b>					
201+15.99	TO	201+57.95	LT		82.2
201+47.81	TO	202+86.50	RT		252.0
201+81.95	TO	202+49.36	LT		125.1
202+97.36	TO	203+37.25	LT		77.0
<b>TOTAL:</b>					<b>536</b>

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 USER NAME = efisher  
 PLOT SCALE = 2,000' / in.  
 PLOT DATE = 4/25/2024

DESIGNED - MLS  
 DRAWN - EKF  
 CHECKED - JRR  
 DATE - MARCH 2024  
 REVISED -  
 REVISED -  
 REVISED -  
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**CITY OF LEBANON**

**SCHEDULE OF QUANTITIES**  
 SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	7
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				

DRAINAGE REMOVAL SCHEDULE						
LOCATION				PIPE CULVERT REMOVAL	STORM SEWER REMOVAL	REMOVING INLETS
STATION	TO	STATION	LT/RT	FOOT	FOOT	EACH
<b>E MCALLISTER ST</b>						
201+62.60	TO	201+83.07	LT	20.5		
202+55.47	TO	202+96.83	LT	41.4		
203+32.72	TO	203+54.11	RT	21.4		
203+78.83	TO	204+26.36	LT		47.5	
203+87.12	TO	203+87.36	LT		11.5	
204+01.56	TO	204+24.83	RT	23.3		
204+21.30	TO	204+21.49	LT		11.4	
204+33.90	TO	204+33.99	LT/RT	38.3		
204+67.40	TO	204+96.82	RT	29.4		
205+54.03	TO	205+76.71	RT	22.7		
205+75.99	TO	205+97.17	LT	21.2		
206+12.52	TO	206+32.67	RT	20.2		
206+32.49	TO	206+38.74	LT	6.3		
206+77.32	TO	206+96.82	RT	19.5		
207+11.89	TO	207+17.51	RT	5.6		
207+46.82	TO	207+56.31	LT		9.5	1
207+56.31	TO	207+68.62	LT/RT		49.4	
207+52.94	TO	207+68.62	RT		15.7	
207+56.31	TO	207+74.67	LT		30.5	
207+68.62	TO	208+17.45	RT		49.3	2
207+74.67	TO	208+14.06	LT		39.7	2
208+14.06	TO	208+46.65	LT		37.7	
208+17.45	TO	208+41.25	RT		24.8	
<b>TOTAL:</b>				<b>270</b>	<b>327</b>	<b>5</b>

SIDEWALK SCHEDULE							
LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	PIPE HANDRAIL	DETECTABLE WARNING
STATION	TO	STATION	LT/RT	SQ FT	SQ FT	FOOT	SQ FT
<b>E MCALLISTER ST</b>							
203+37.23	TO	204+70.50	RT		799.6	131.8	
203+75.01	TO	203+89.83	LT	74.1			10.0
204+19.90	TO	205+50.42	LT	652.6			10.0
204+94.50	TO	205+53.50	RT		354.0	47.0	
205+65.42	TO	207+72.99	LT	1037.9			10.0
205+77.50	TO	205+85.00	RT		45.0		
205+85.00	TO	206+11.00	RT	130.0			
206+35.00	TO	206+74.00	RT	195.0			
206+98.00	TO	207+70.02	RT	360.1			18.1
207+12.63	TO	207+16.63	RT	60.0			
208+17.81	TO	208+39.40	LT	124.0			12.9
208+20.99	TO	208+39.40	RT	92.1			18.1
<b>TOTAL:</b>				<b>2726</b>	<b>1199</b>	<b>179</b>	<b>79</b>

ENTRANCE SCHEDULE									
LOCATION			AGGREGATE FOR TEMPORARY ACCESS	AGGREGATE SURFACE COURSE, TYPE A	AGGREGATE BASE COURSE, TYPE A *	INCIDENTAL HOT-MIX ASPHALT SURFACING	BITUMINOUS MATERIALS (PRIME COAT) **	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
STATION	LT/RT	TYPE	TON	TON	TON	TON	POUND	SQ YD	SQ YD
<b>E MCALLISTER ST</b>									
201+69.96	LT	CE		1.1					
202+73.38	LT	CE			12.2	5.8	117.3		
202+98.50	RT	CE		29.6					
PARKING LOT	RT	CE		25.8					
204+82.50	RT	CE	27.9		13.9				59.8
205+57.92	LT	PE	8.5	2.0	4.2			18.1	
205+65.50	RT	CE	29.2		14.6				62.5
206+23.00	RT	CE	13.7	14.3	6.9				29.4
206+86.00	RT	CE	13.7	8.9	6.9				29.4
<b>TOTAL:</b>			<b>93</b>	<b>82</b>	<b>59</b>	<b>6</b>	<b>117</b>	<b>18</b>	<b>181</b>

\*SEE PAVEMENT SCHEDULE AND CURB AND GUTTER SCHEDULE FOR ADDITIONAL QUANTITY  
 \*\*SEE PAVEMENT SCHEDULE FOR ADDITIONAL QUANTITY

INLET AND PIPE PROTECTION SCHEDULE				
LOCATION				INLET AND PIPE PROTECTION
				EACH
<b>E MCALLISTER ST</b>				
201+15.99	TO	205+00.00	LT	8
201+15.99	TO	205+00.00	RT	3
205+00.00	TO	208+97.98	LT	6
205+00.00	TO	208+97.98	RT	9
<b>TOTAL:</b>				<b>26</b>

DITCH CHECK SCHEDULE				
LOCATION				TEMPORARY DITCH CHECKS
STATION	OFFSET	LT/RT	EA	FOOT
<b>E MCALLISTER ST</b>				
202+50.00	18.77	RT	1	6.0
206+75.00	34.43	LT	1	8.0
<b>TOTAL:</b>				<b>14</b>

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USER NAME = efisher	DESIGNED - MLS	REVISED -
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PLOT SCALE = 2,0000' / in.	CHECKED - JRR	REVISED -
PLOT DATE = 4/25/2024	DATE - MARCH 2024	REVISED -



**CITY OF LEBANON**

**SCHEDULE OF QUANTITIES**

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	8
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				





DRAINAGE STRUCTURE SCHEDULE														
STATION				PRECAST REINFORCED CONCRETE FLARED END SECTIONS			MANHOLES, TYPE A, 7' DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, TYPE A				INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	INLETS, SPECIAL	
				12"	36"	EQRS 30"		TYPE 3 FRAME AND GRATE	TYPE 8 GRATE	TYPE 10 FRAME AND GRATE	TYPE 15 FRAME AND LID		NO. 1	NO. 2
STR.	STATION	OFFSET	LT/RT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
E MCALLISTER ST														
P-1-1	203+70.00	20.58	LT											1
P-1-9	203+87.90	47.06	LT		1									
P-1-2	204+15.00	21.92	LT				1							
P-1-10	204+20.80	47.27	LT			1								
P-1-3	204+50.00	27.08	LT											1
P-2-7	204+50.00	15.00	RT					1						
P-2-1	204+50.00	19.58	RT								1			
P-2-8	204+50.00	24.67	RT							1				
P-2-10	205+25.00	24.67	RT							1				
P-1-4	205+88.12	27.08	LT											1
P-2-9	205+88.12	15.00	RT					1						
P-2-2	205+88.12	20.08	RT											1
P-2-3	206+55.00	27.00	RT											
P-2-4	207+05.00	27.00	RT							1				
P-2-5	207+40.00	27.00	RT							1				
P-1-5	207+56.99	30.05	LT											1
P-1-6	207+74.67	50.50	LT											1
P-2-6	207+77.28	41.00	RT								1			
P-3-1	208+13.74	41.00	RT								1			
P-1-7	208+16.08	45.86	LT											1
P-3-OUT	208+42.92	20.44	RT	1										
P-1-8	208+46.65	26.85	LT	1										
P-4-OUT	208+47.22	25.83	LT	1										
P-4-1	208+47.22	19.72	RT	1										
<b>TOTAL:</b>				<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>

PAVEMENT SCHEDULE									
LOCATION				HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	AGGREGATE BASE COURSE, TYPE A **	SUBBASE GRANULAR MATERIAL, TYPE A	BITUMINOUS MATERIALS	
								PRIME COAT *	TACK COAT
STATION	TO	STATION	NOTES	TON	TON	TON	TON	POUND	POUND
E MCALLISTER ST									
203+00.00	TO	203+37.23	LT/RT		23.5				47.2
203+37.23	TO	204+31.07	LT/RT	53.1	30.4	47.4	158.1	610.0	61.0
203+69.05	TO	204+31.07	FRITZ	19.1	13.6	17.0	56.7	218.7	32.8
204+31.07	TO	208+39.40	LT/RT	293.5	167.7	262.0	873.3	3368.7	336.9
207+51.40	TO	208+39.40	HERMAN N	30.3	17.3	27.1	90.2	347.9	34.8
207+52.51	TO	208+39.40	HERMAN S	29.0	16.6	25.9	86.3	333.0	33.3
208+39.40	TO	208+69.40	LT/RT		10.8				43.2
<b>TOTAL:</b>				<b>425</b>	<b>280</b>	<b>379</b>	<b>1265</b>	<b>4879</b>	<b>589</b>

\*SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

\*\*SEE CURB AND GUTTER SCHEDULE AND ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

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	DRAWN - EKF	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - JRR	REVISED -
PLOT DATE = 4/25/2024	DATE - MARCH 2024	REVISED -



CITY OF LEBANON

SCHEDULE OF QUANTITIES

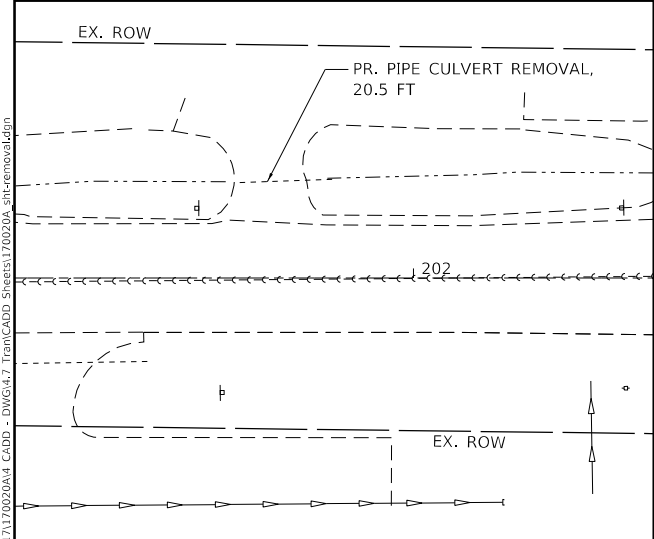
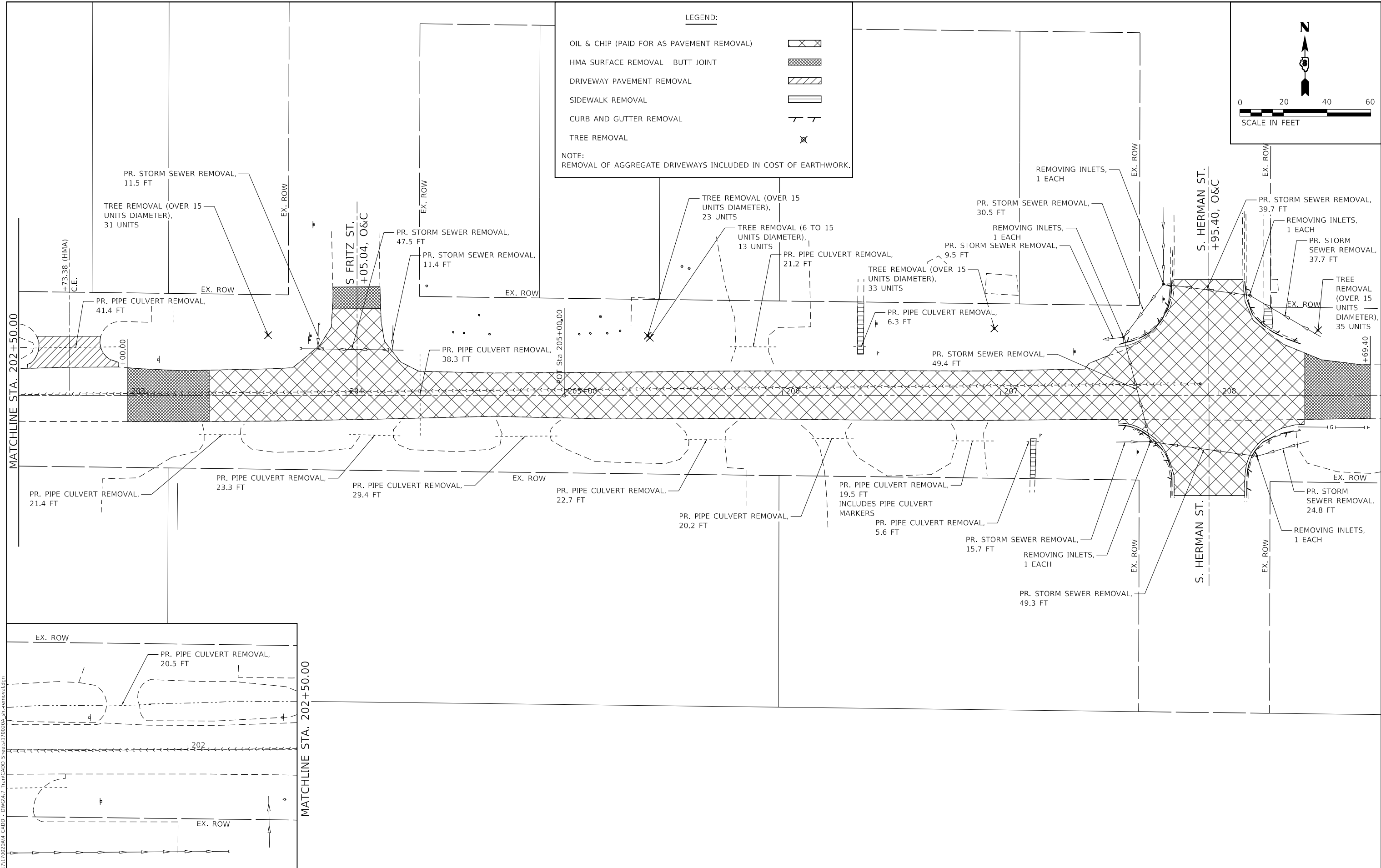
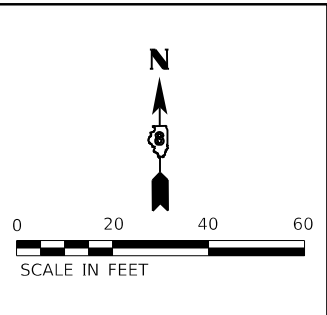
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F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	10
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				

**LEGEND:**

- OIL & CHIP (PAID FOR AS PAVEMENT REMOVAL)
- HMA SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- CURB AND GUTTER REMOVAL
- TREE REMOVAL

**NOTE:**  
REMOVAL OF AGGREGATE DRIVEWAYS INCLUDED IN COST OF EARTHWORK.



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 CHECKED - JRR  
 DATE - MARCH 2024  
 PLOT SCALE = 40,0000 ' / in.  
 PLOT DATE = 4/25/2024

DESIGNED - MLS  
 DRAWN - EKF  
 CHECKED - JRR  
 DATE - MARCH 2024

REVISED -  
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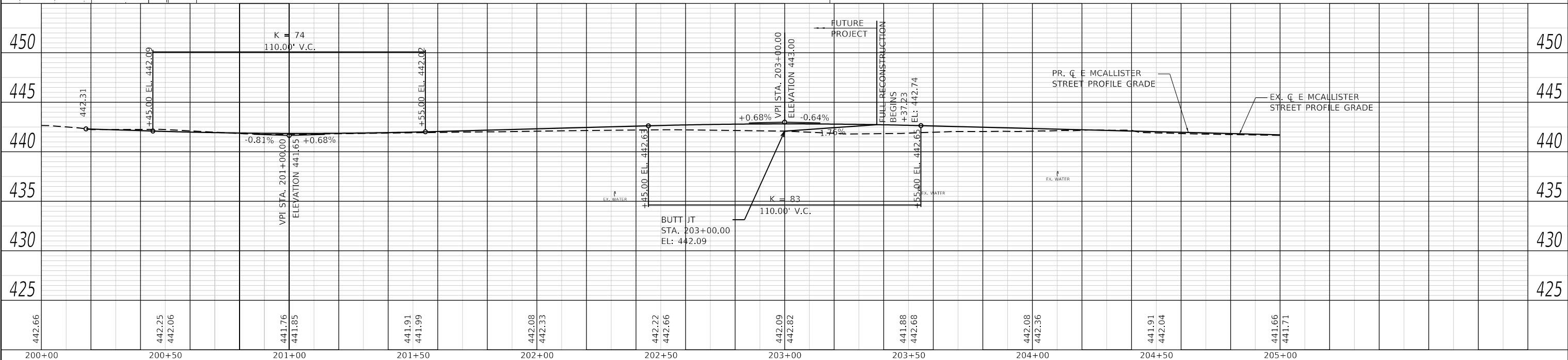
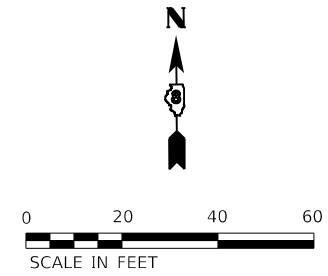
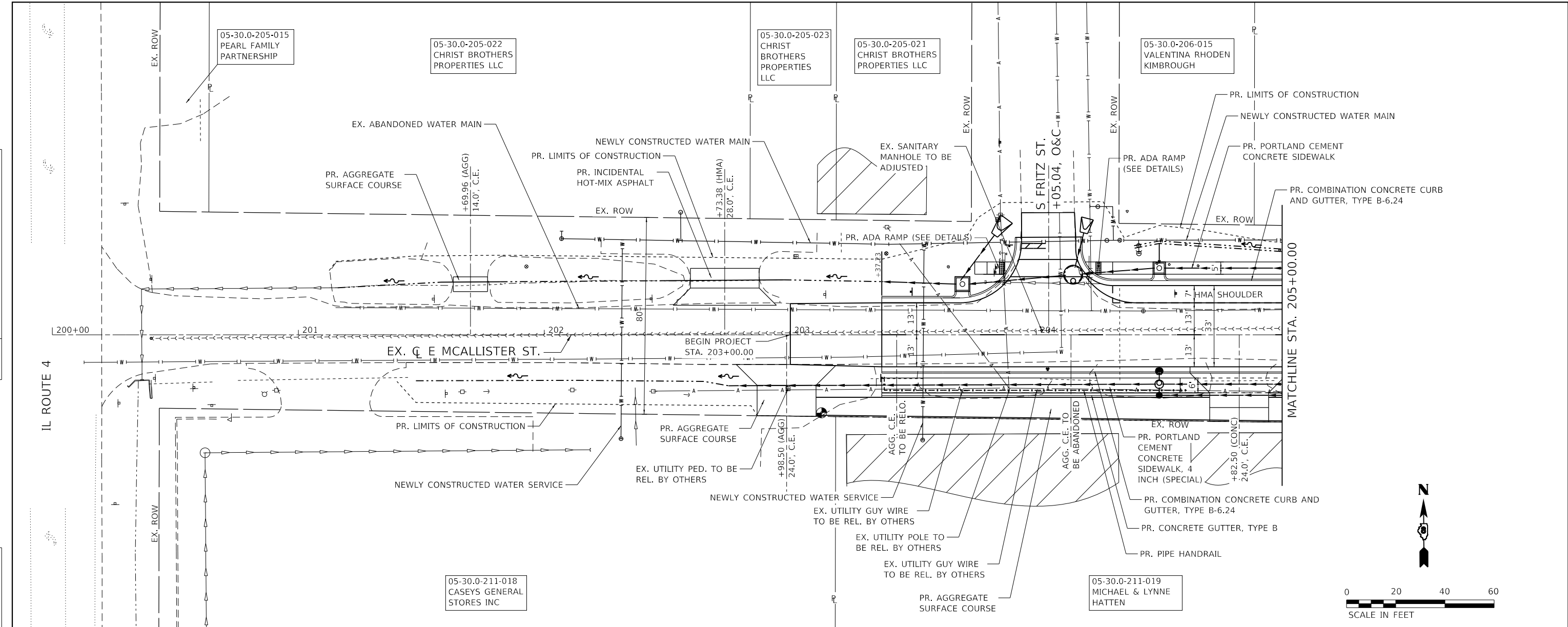
**CITY OF LEBANON**

**REMOVAL PLAN**  
**E MCALLISTER STREET**  
 SCALE: 1"=20'  
 SHEET 1 OF 1 SHEETS  
 STA. 202+53.97 TO STA. 208+59.40

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	11
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



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CHECKED	-	JRR	REVISED	-
DATE	-	MARCH 2024	REVISED	-



**CITY OF LEBANON**

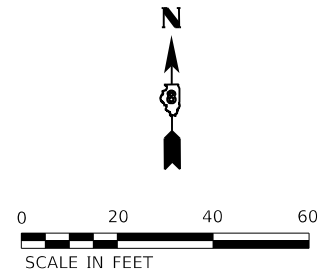
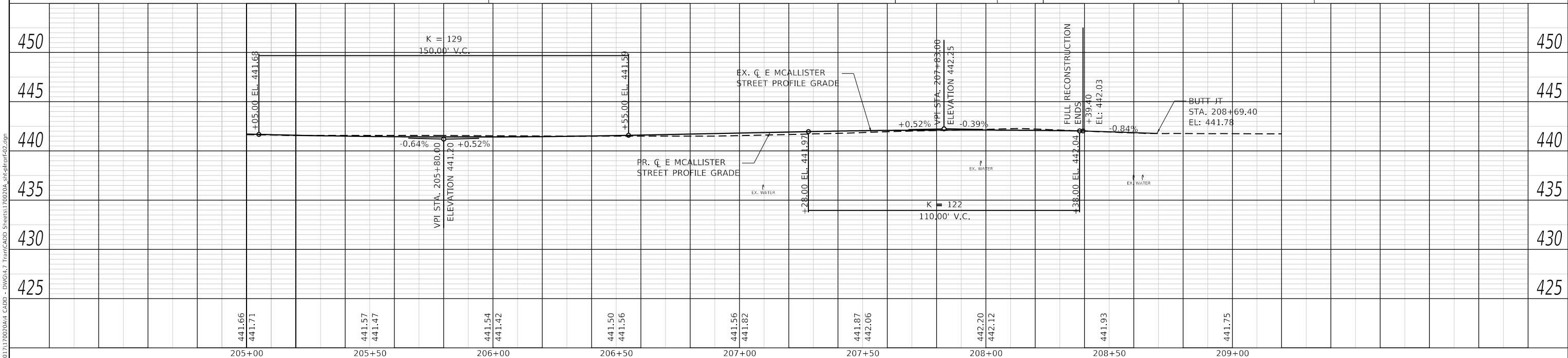
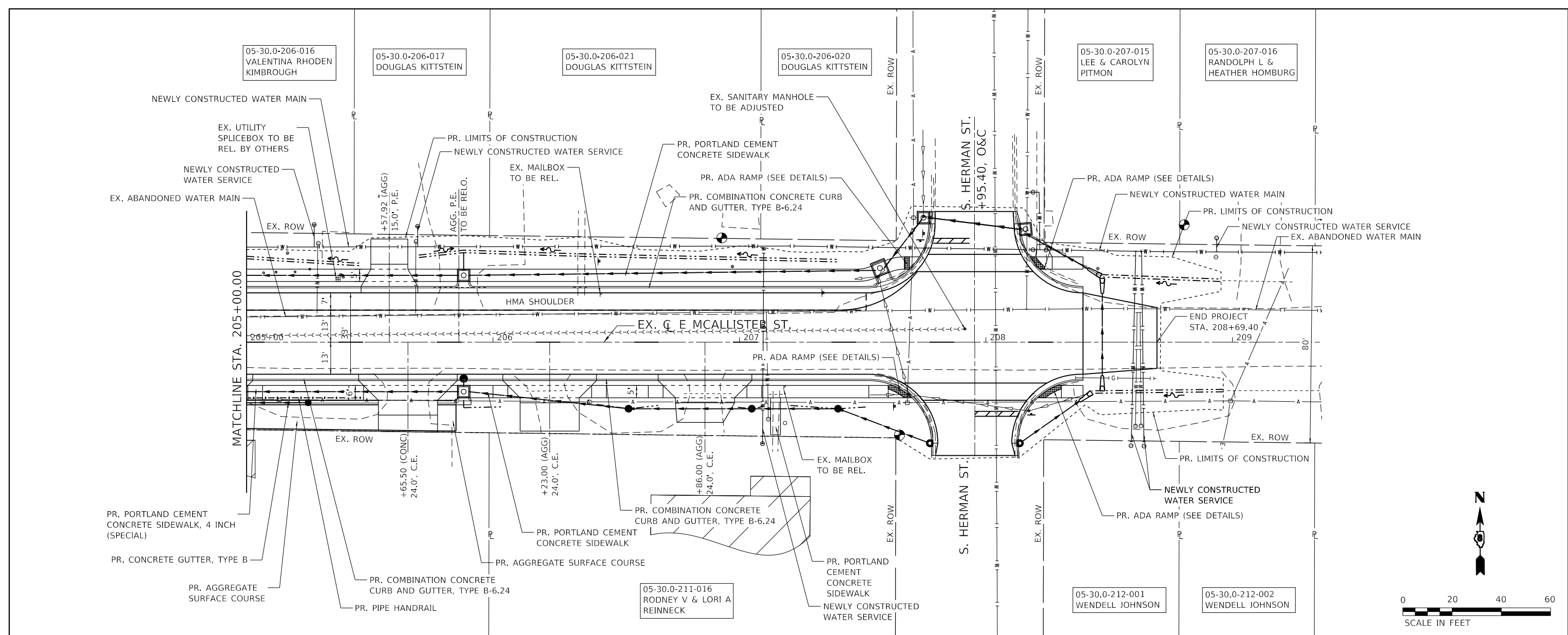
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**E MCALLISTER STREET**  
 SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 201+15.99 TO STA. 205+00.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	12
CONTRACT NO. 97837			ILLINOIS FED. AID PROJECT	

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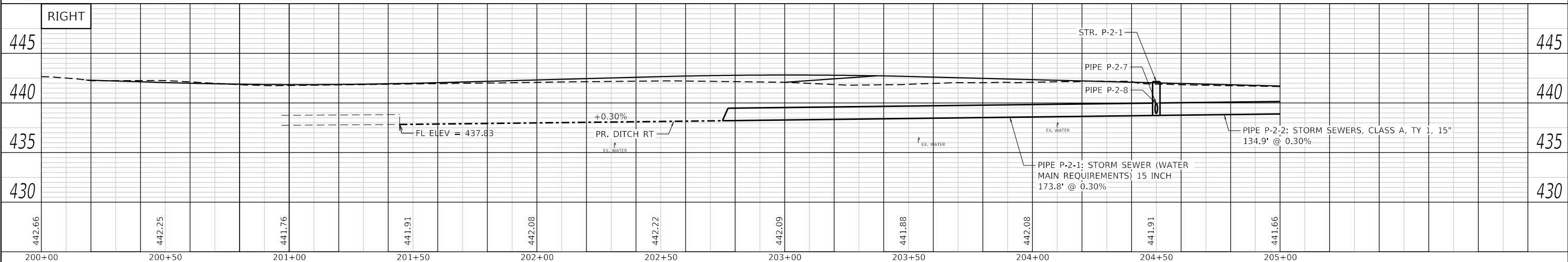
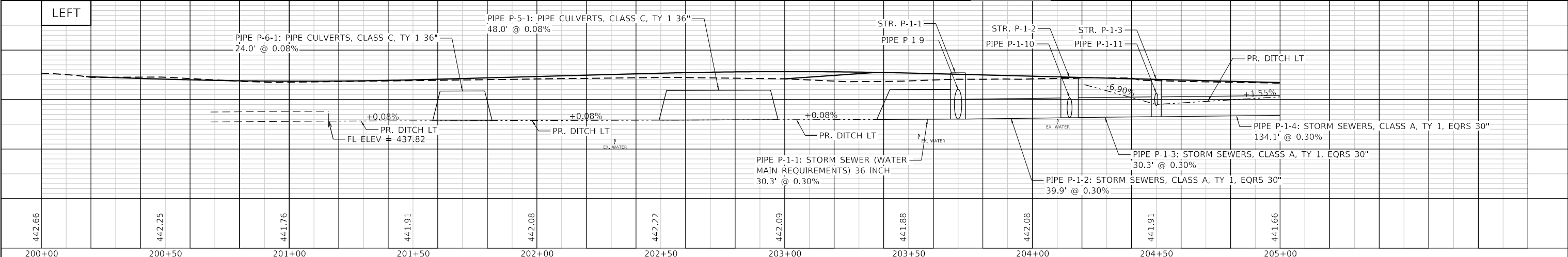
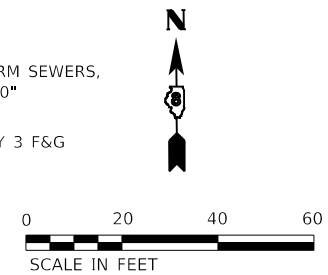
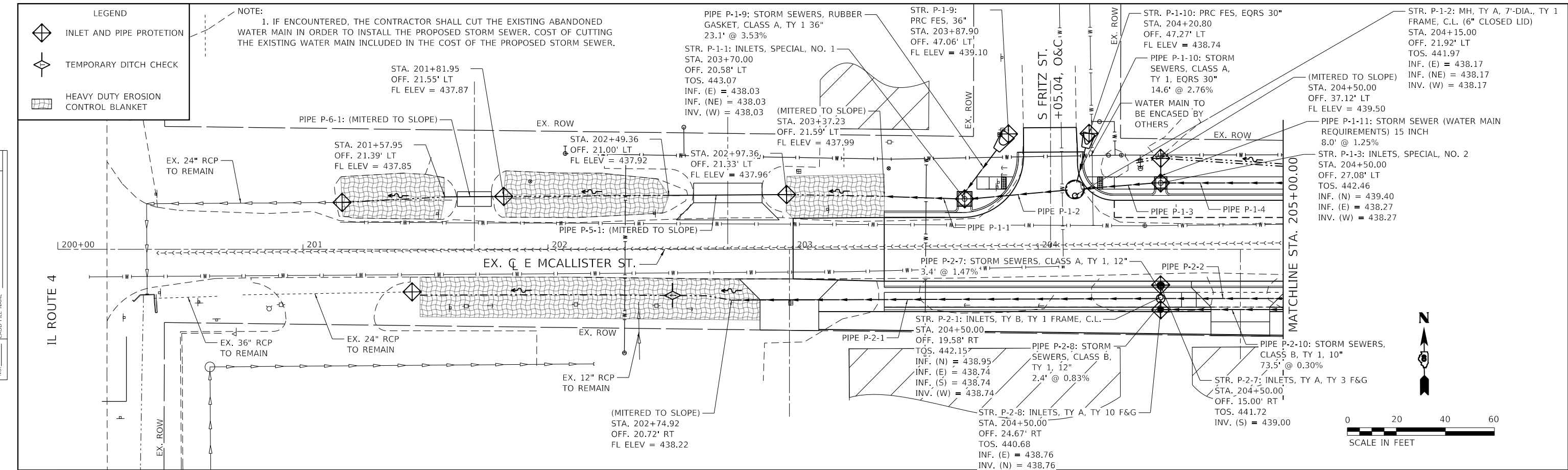
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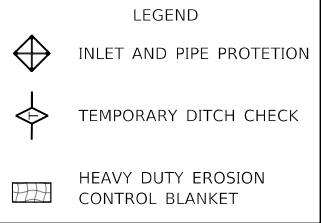


DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTATION SHEET NO.	

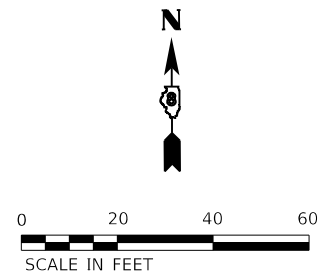
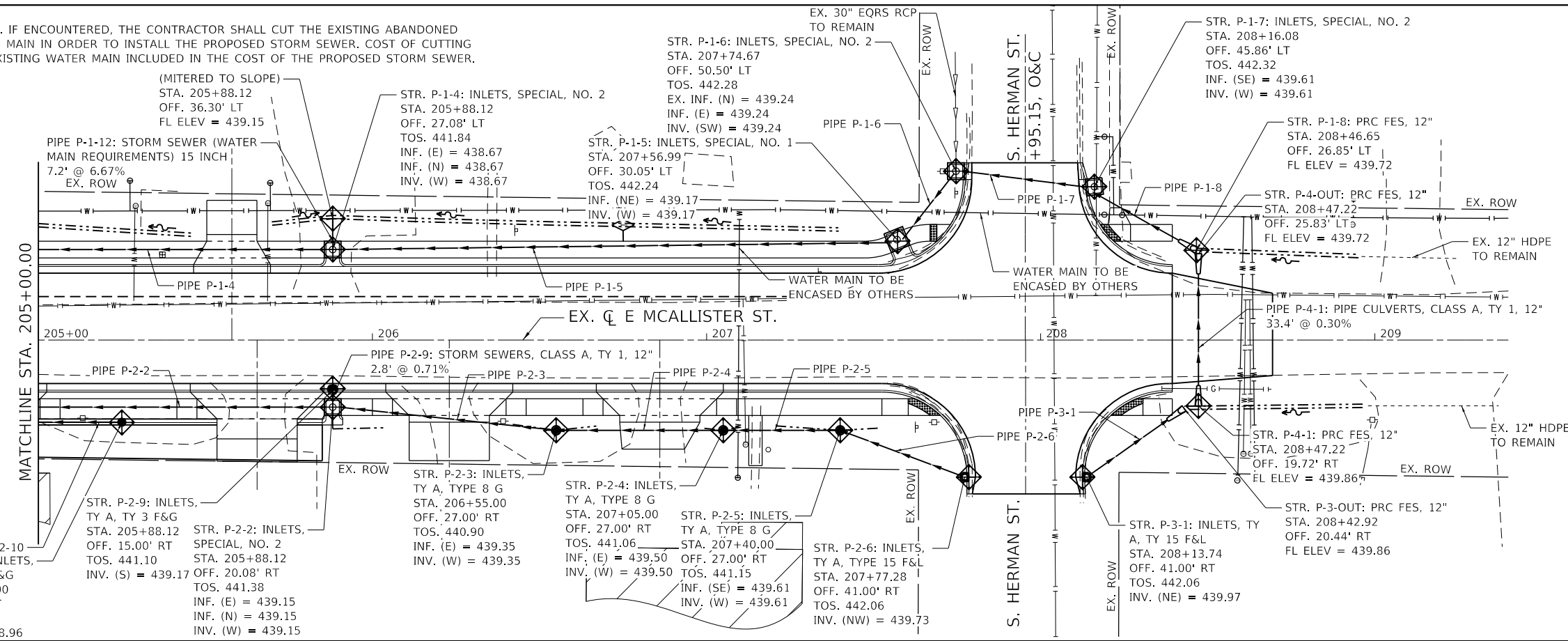
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BY	
PROFILE	
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NOTE BOOK NO.	
STRUCTURE NOTATION SHEET NO.	



 <b>TWM, INC.</b> ENGINEERING GEOSPATIAL SERVICES IL DESIGN FIRM LICENSE NO: 184-001220				USER NAME = efisher PLOT SCALE = 40,0000 ' / in. PLOT DATE = 4/25/2024	DESIGNED - MLS DRAWN - EKF CHECKED - JRR DATE - MARCH 2024	REVISED - REVISED - REVISED - REVISED -	 <b>CITY OF LEBANON</b>	<b>DRAINAGE PLAN AND PROFILE AND EROSION CONTROL</b> <b>E MCALLISTER STREET</b> SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 201+15.99 TO STA. 205+00.00		F.A.U. RTE. 9248 SECTION 15-00023-00-PV COUNTY ST. CLAIR TOTAL SHEETS 31 SHEET NO. 14 CONTRACT NO. 97837 ILLINOIS FED. AID PROJECT
--	--	--	--	--	---	--	----------------------------	--	--	---

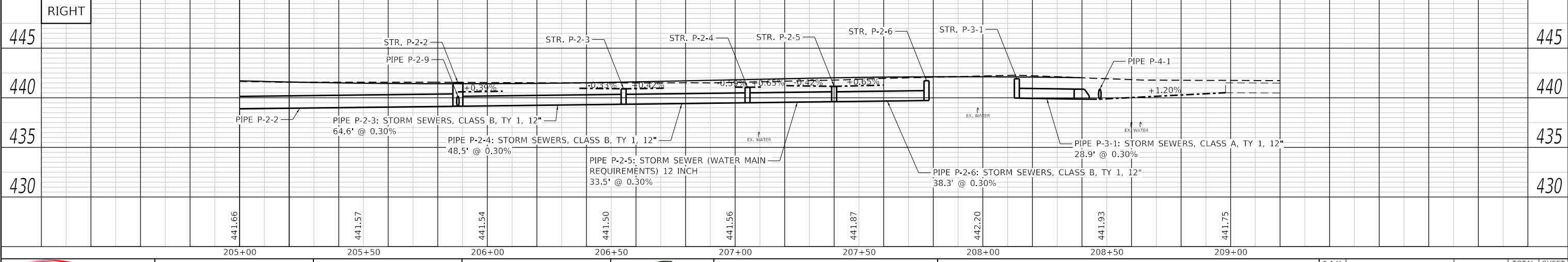
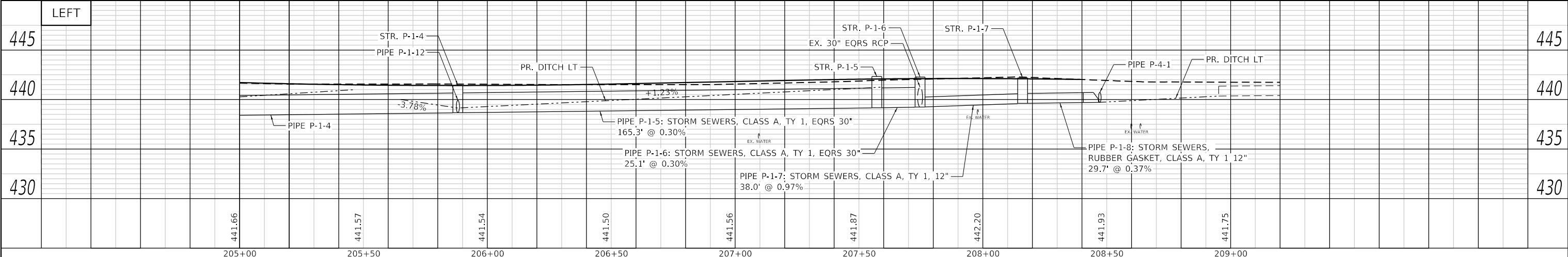


**NOTE:**  
 1. IF ENCOUNTERED, THE CONTRACTOR SHALL CUT THE EXISTING ABANDONED WATER MAIN IN ORDER TO INSTALL THE PROPOSED STORM SEWER. COST OF CUTTING THE EXISTING WATER MAIN INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.



DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	



**TWM**  
 ENGINEERING  
 GEOSPATIAL SERVICES

**TWM, INC.**  
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 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= efisher
DESIGNED	- MLS
DRAWN	- EKF
CHECKED	- JRR
DATE	- MARCH 2024
REVISIONS	
NO.	
DESCRIPTION	
DATE	



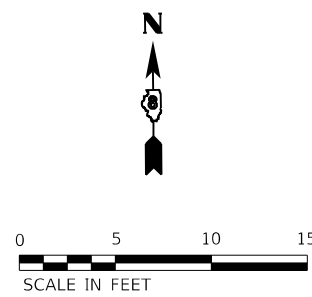
**CITY OF LEBANON**

**DRAINAGE PLAN AND PROFILE AND EROSION CONTROL  
 E McALLISTER STREET**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 205+00.00 TO STA. 208+97.98

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	15
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				

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NOTE:  
 1. EOP ELEVATIONS ARE AT 10 FOOT INTERVALS UNLESS OTHERWISE NOTED.  
 2. SEE INTERSECTION DETAILS CURB RAMP FOR MORE INFORMATION ON THE CURB RAMP DETAILS.

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USER NAME = efisher	DESIGNED - MLS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - EKF	REVISED -
PLOT DATE = 4/25/2024	CHECKED - JRR	REVISED -
	DATE - MARCH 2024	REVISED -



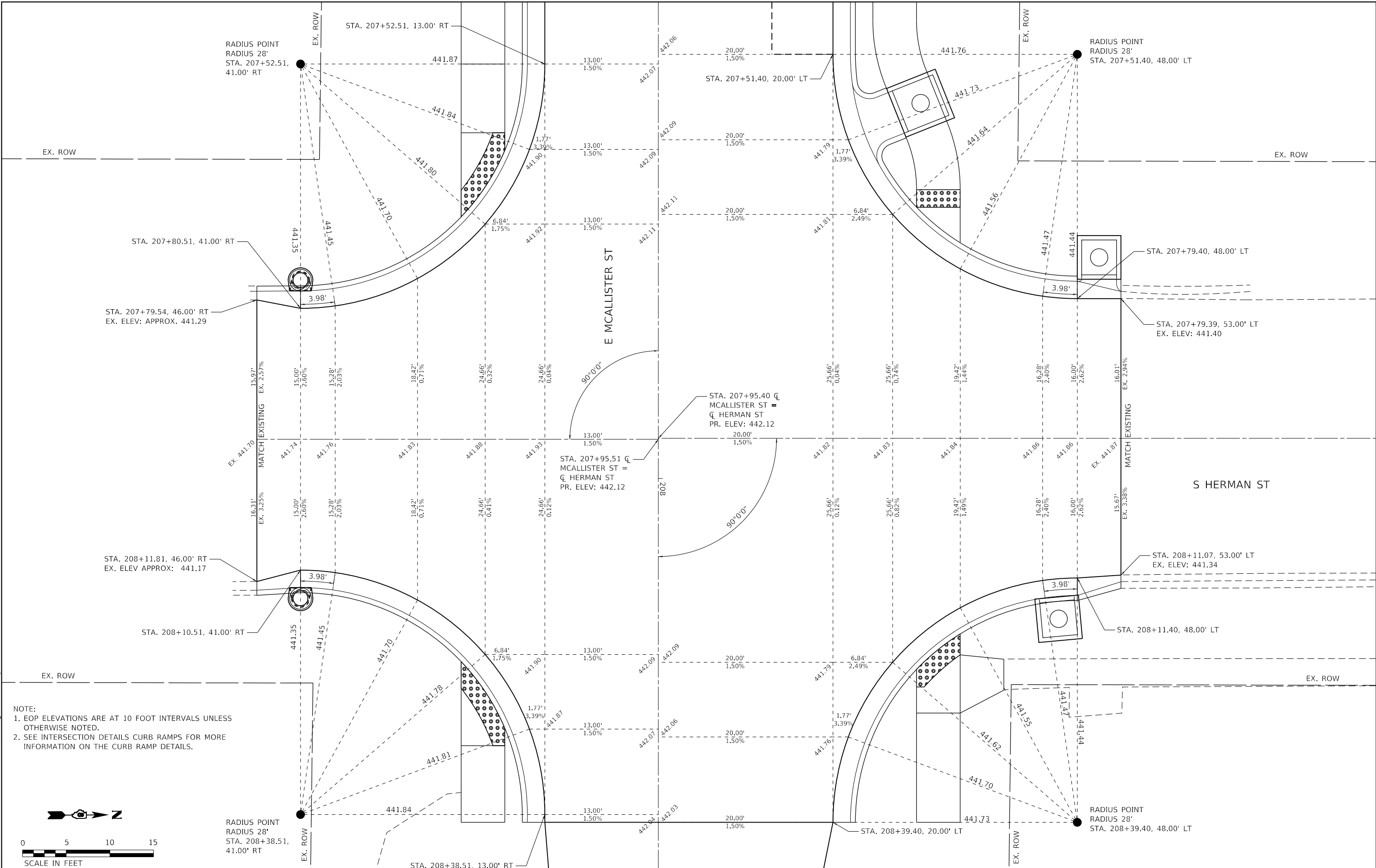
**CITY OF LEBANON**

**INTERSECTION DETAILS**  
**E MCALLISTER STREET & S FRITZ STREET**

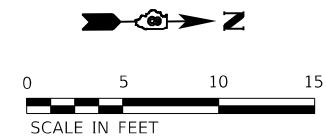
SCALE: 1" = 5'    SHEET 1 OF 3 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	16
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				





NOTE:  
 1. EOP ELEVATIONS ARE AT 10 FOOT INTERVALS UNLESS OTHERWISE NOTED.  
 2. SEE INTERSECTION DETAILS CURB RAMP FOR MORE INFORMATION ON THE CURB RAMP DETAILS.



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 LICENSE NO: 184-001220

USER NAME = efisher  
 DESIGNED - MLS  
 DRAWN - EKF  
 CHECKED - JRR  
 DATE - MARCH 2024

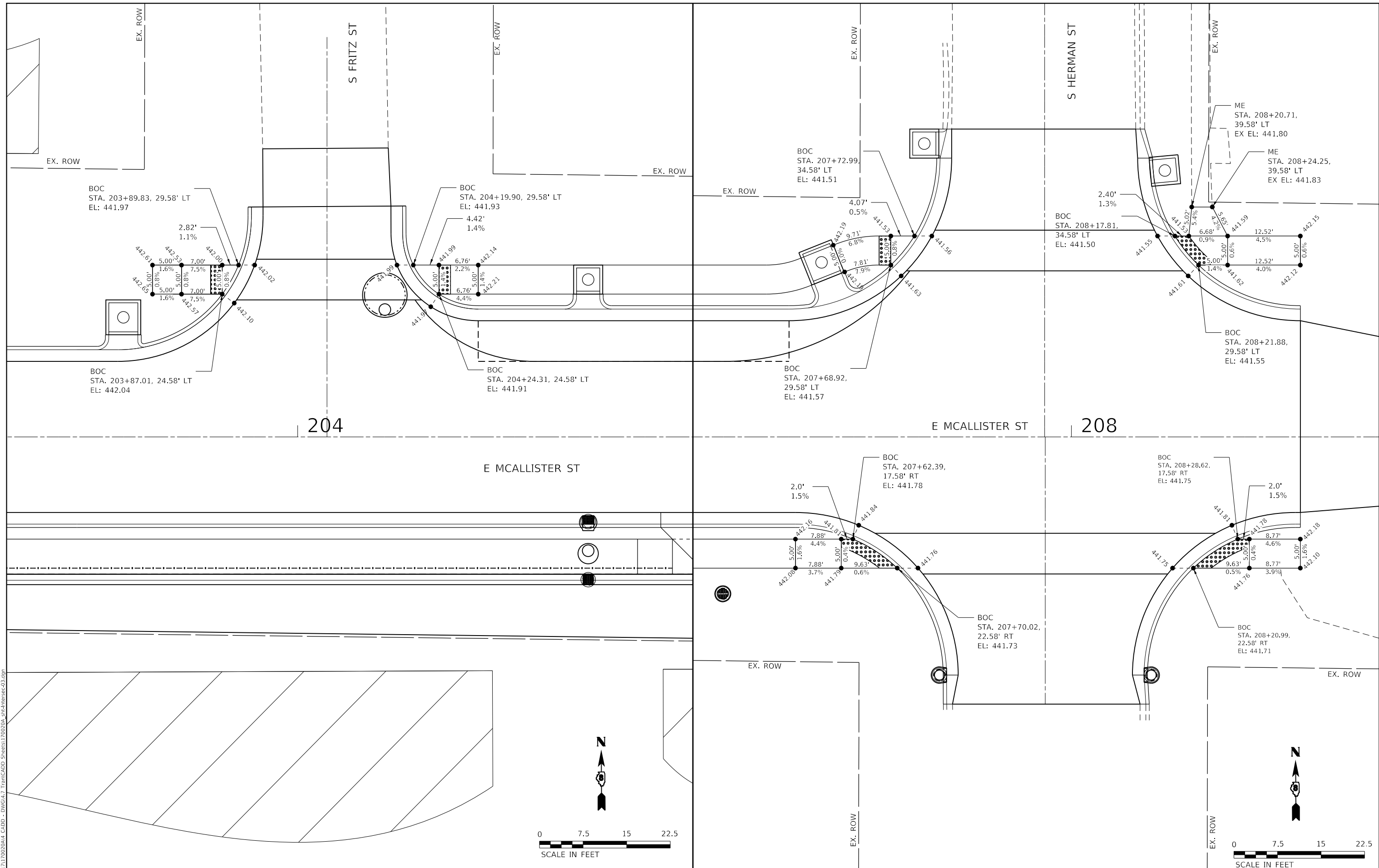
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 REVISED -



CITY OF LEBANON

**INTERSECTION DETAILS**  
**E McALLISTER STREET & S HERMAN STREET**  
 SCALE: 1" = 5'  
 SHEET 2 OF 3 SHEETS  
 STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	17
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				



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 LICENSE NO: 184-001220

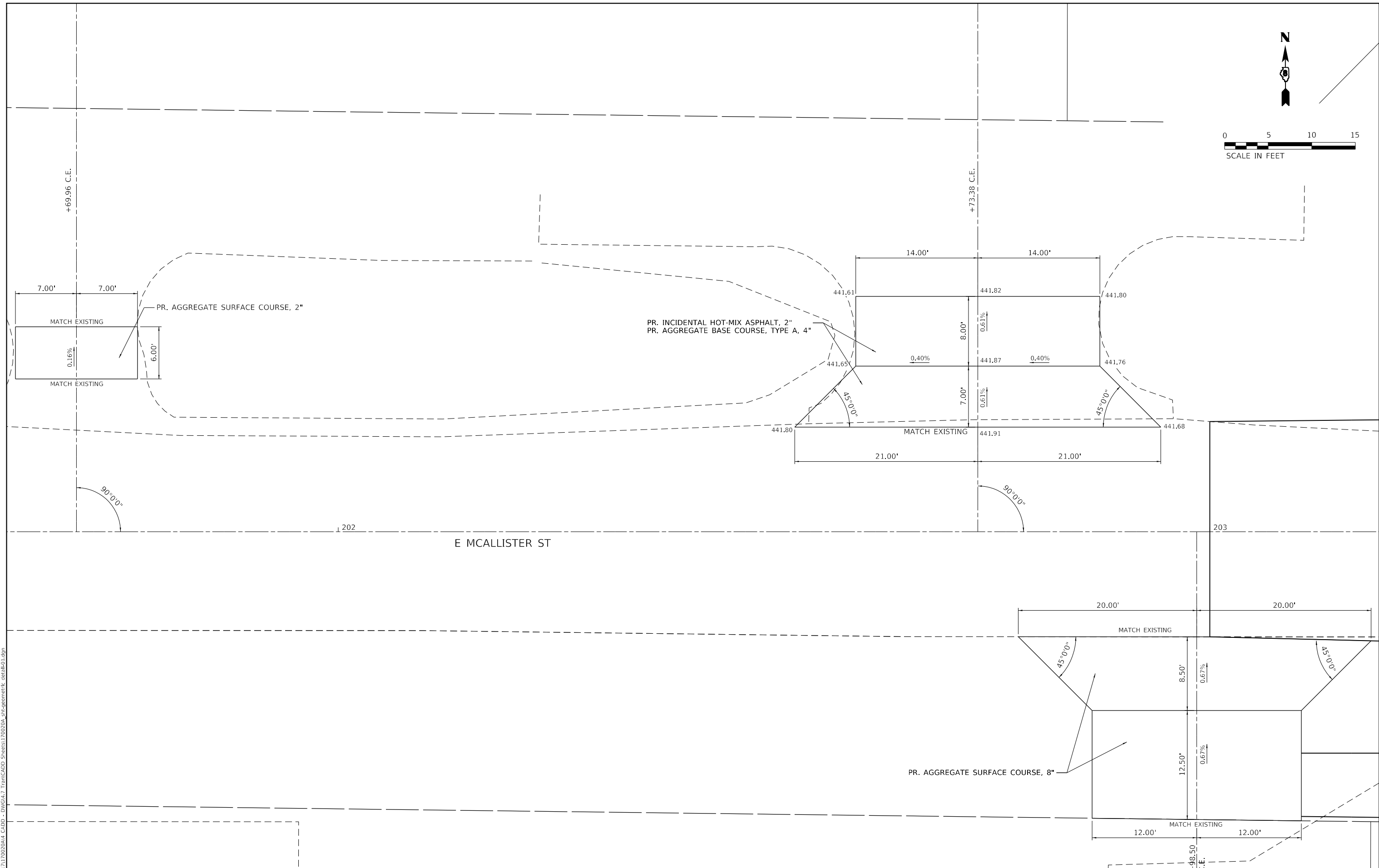
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	DATE - MARCH 2024	REVISED -



**CITY OF LEBANON**

**INTERSECTION DETAILS**  
**CURB RAMPS**  
 SCALE: 1" = 7.5' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	18
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				



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PLOT DATE	= 4/25/2024

DESIGNED	-	MLS
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CHECKED	-	JRR
DATE	-	MARCH 2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

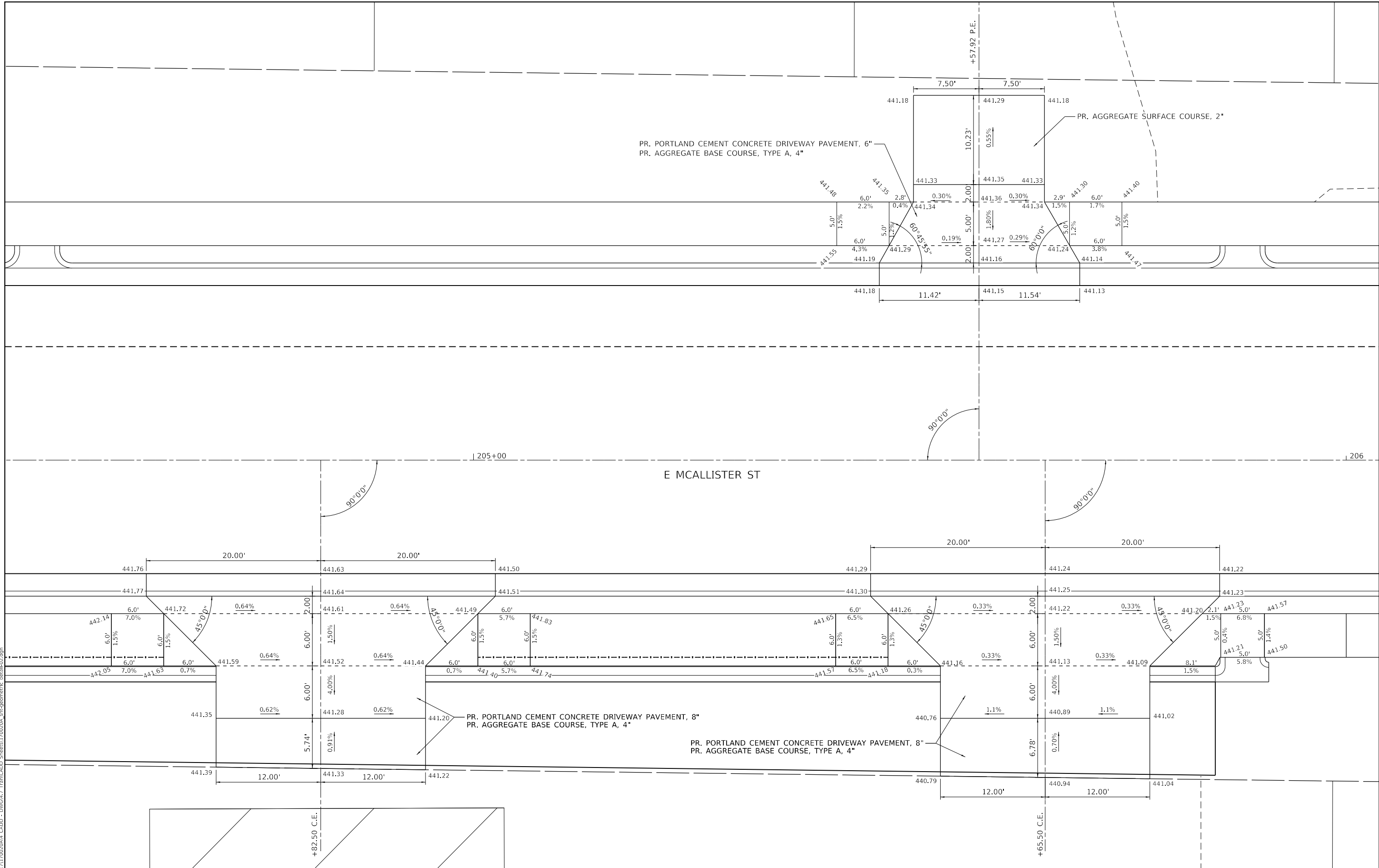


**CITY OF LEBANON**

**ENTRANCE DETAILS  
E MCALLISTER STREET**

SCALE: 1" = 5'    SHEET 1 OF 3 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	19
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				



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 LICENSE NO: 184-001220

USER NAME = efisher
PLOT SCALE = 10.0000' / in.
PLOT DATE = 4/25/2024

DESIGNED - MLS
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CHECKED - JRR
DATE - MARCH 2024

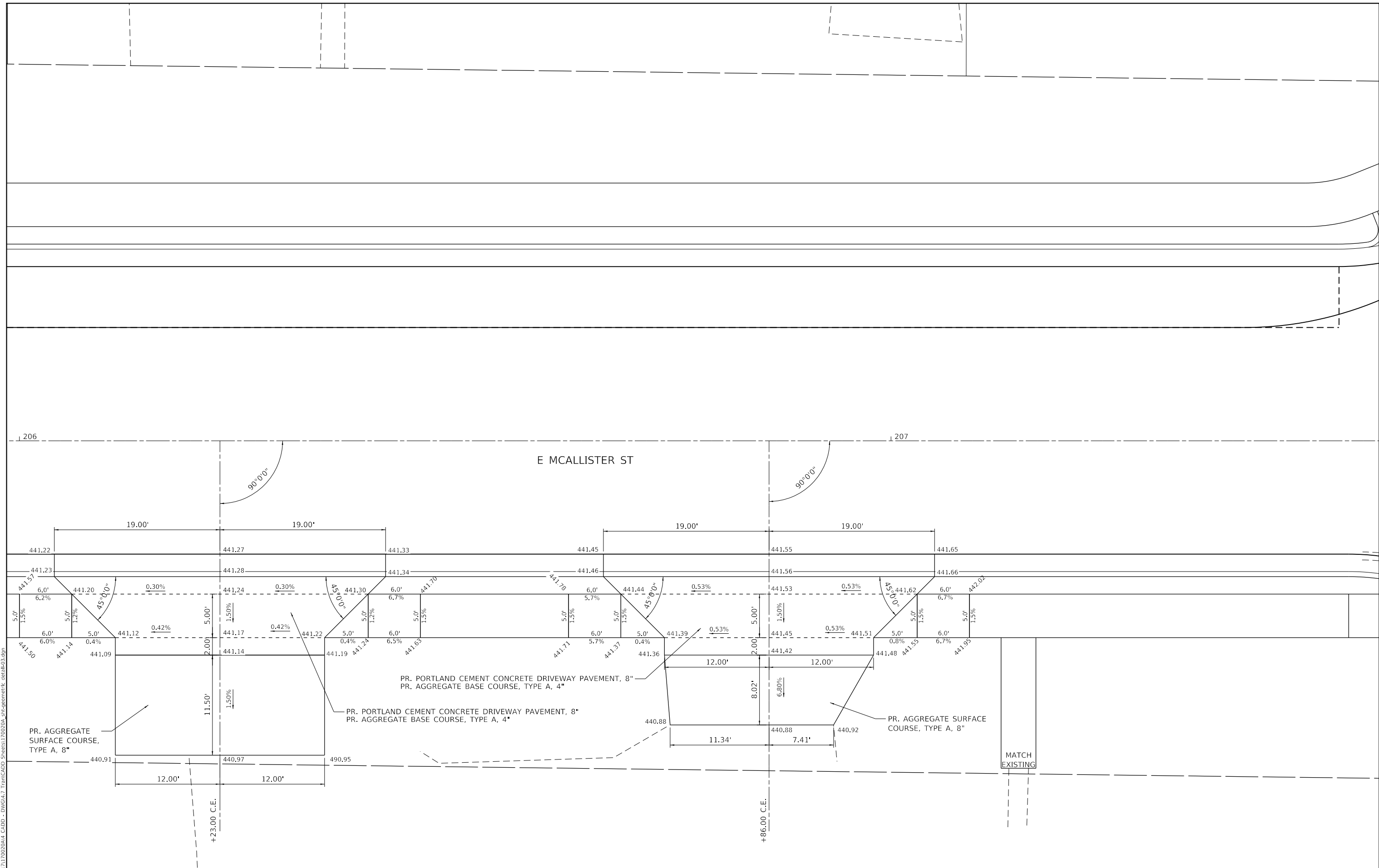
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REVISED -
REVISED -
REVISED -



**CITY OF LEBANON**

**ENTRANCE DETAILS**  
**E MCALLISTER STREET**  
 SCALE: 1"=5'    SHEET 2 OF 3 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	20
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				



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 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = efisher
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 4/25/2024

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DATE - MARCH 2024	REVISED -

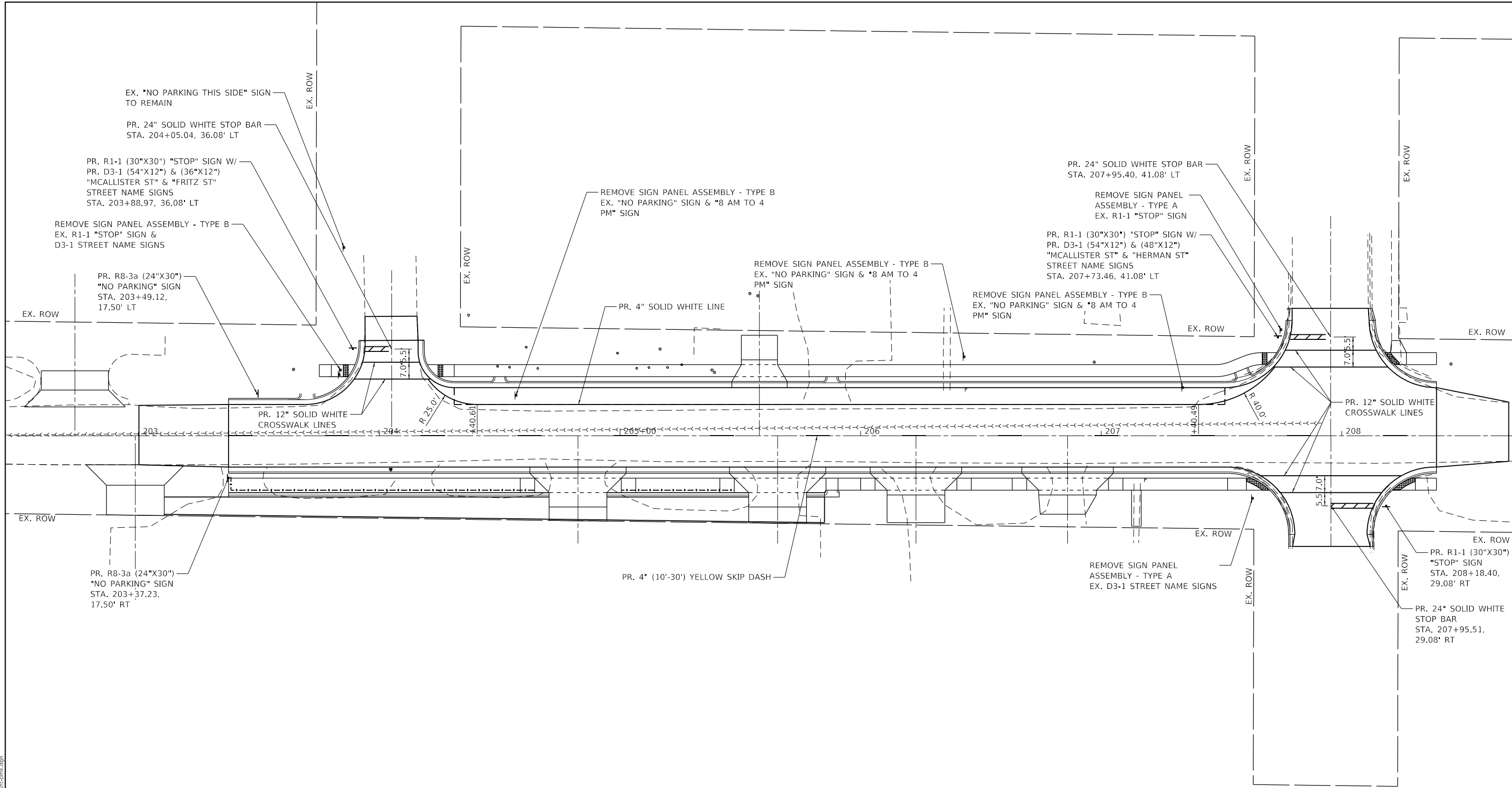


**CITY OF LEBANON**

**ENTRANCE DETAILS**  
**E MCALLISTER STREET**

SCALE: 1"=5'    SHEET 3    OF 3    SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	21
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				



EX. "NO PARKING THIS SIDE" SIGN TO REMAIN

PR. 24" SOLID WHITE STOP BAR  
STA. 204+05.04, 36.08' LT

PR. R1-1 (30"x30") "STOP" SIGN W/  
PR. D3-1 (54"x12") & (36"x12")  
"MCALLISTER ST" & "FRITZ ST"  
STREET NAME SIGNS  
STA. 203+88.97, 36.08' LT

REMOVE SIGN PANEL ASSEMBLY - TYPE B  
EX. R1-1 "STOP" SIGN &  
D3-1 STREET NAME SIGNS

PR. R8-3a (24"x30")  
"NO PARKING" SIGN  
STA. 203+49.12,  
17.50' LT

PR. R8-3a (24"x30")  
"NO PARKING" SIGN  
STA. 203+37.23,  
17.50' RT

REMOVE SIGN PANEL ASSEMBLY - TYPE B  
EX. "NO PARKING" SIGN & "8 AM TO 4  
PM" SIGN

PR. 4" SOLID WHITE LINE

REMOVE SIGN PANEL ASSEMBLY - TYPE B  
EX. "NO PARKING" SIGN & "8 AM TO 4  
PM" SIGN

PR. 4" (10'-30') YELLOW SKIP DASH

REMOVE SIGN PANEL ASSEMBLY - TYPE B  
EX. "NO PARKING" SIGN & "8 AM TO 4  
PM" SIGN

PR. 24" SOLID WHITE STOP BAR  
STA. 207+95.40, 41.08' LT

REMOVE SIGN PANEL  
ASSEMBLY - TYPE A  
EX. R1-1 "STOP" SIGN

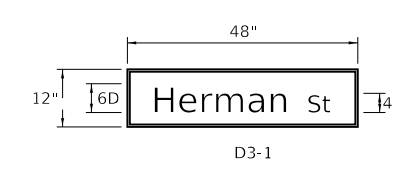
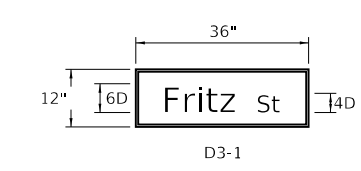
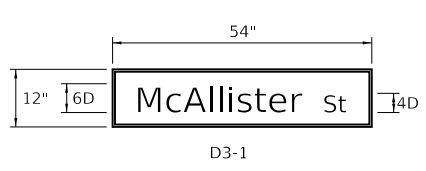
PR. R1-1 (30"x30") "STOP" SIGN W/  
PR. D3-1 (54"x12") & (48"x12")  
"MCALLISTER ST" & "HERMAN ST"  
STREET NAME SIGNS  
STA. 207+73.46, 41.08' LT

REMOVE SIGN PANEL  
ASSEMBLY - TYPE A  
EX. D3-1 STREET NAME SIGNS

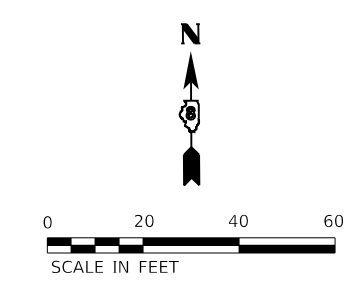
PR. 12" SOLID WHITE  
CROSSWALK LINES

PR. R1-1 (30"x30")  
"STOP" SIGN  
STA. 208+18.40,  
29.08' RT

PR. 24" SOLID WHITE  
STOP BAR  
STA. 207+95.51,  
29.08' RT



NOTE:  
1. ALL PAVEMENT MARKING TO BE THERMOPLASTIC.  
2. SEE STANDARD HIGHWAY SIGNS (MUTCD SUPPLEMENT) FOR ADDITIONAL D3-1 SIGNAGE DIMENSIONS.



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LICENSE NO:  
184-001220

USER NAME = efisher	DESIGNED - MLS	REVISED -
	DRAWN - EKF	REVISED -
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PLOT DATE = 4/25/2024	DATE - MARCH 2024	REVISED -

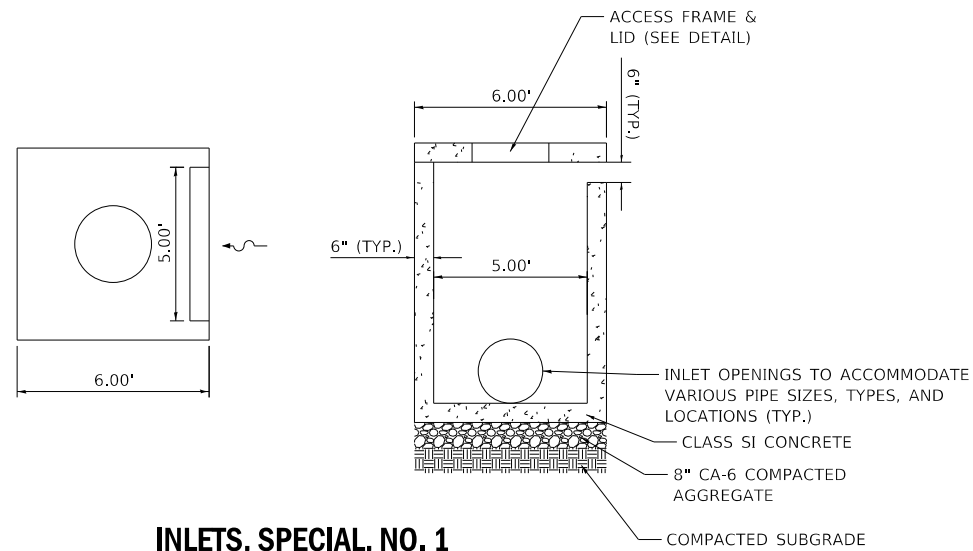


**CITY OF LEBANON**

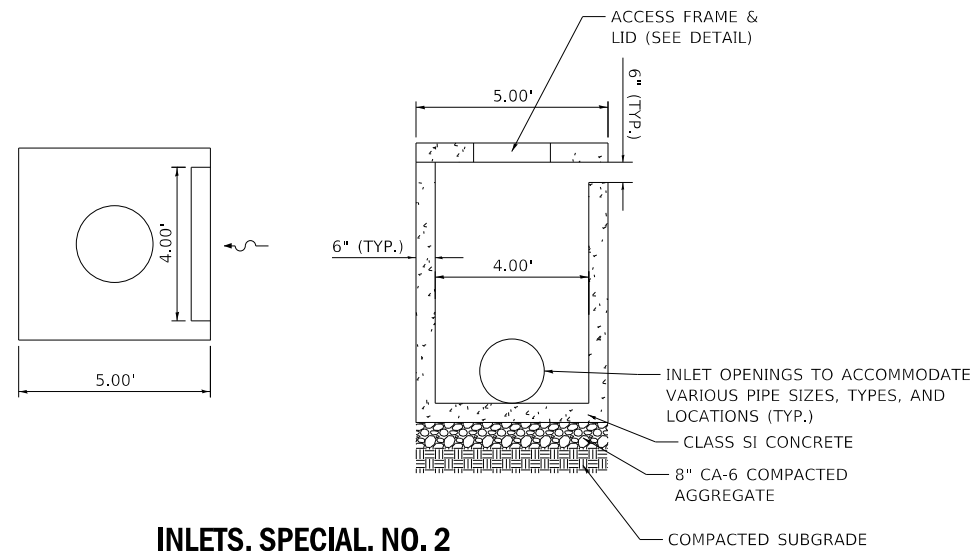
**PAVEMENT MARKING AND SIGNAGE SHEET  
E MCALLISTER STREET**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

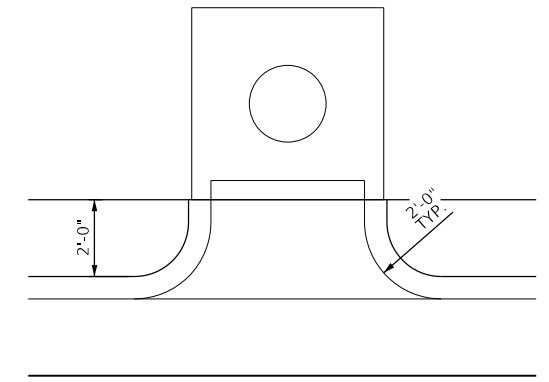
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CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				



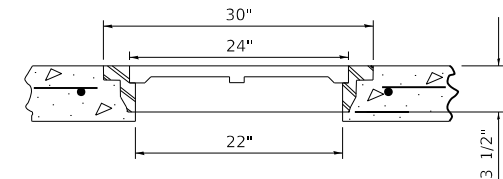
**INLETS, SPECIAL, NO. 1**  
OPEN THROAT INLET WITH 1 OPENING



**INLETS, SPECIAL, NO. 2**  
OPEN THROAT INLET WITH 1 OPENING



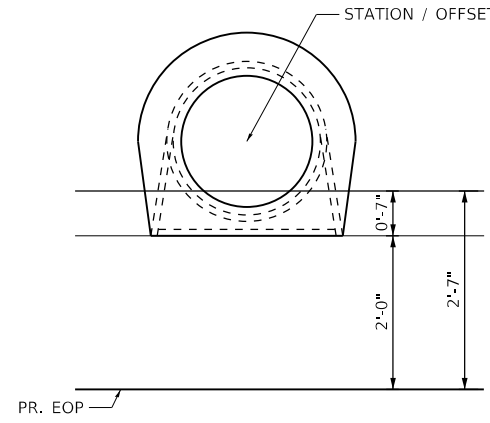
**PLAN VIEW**



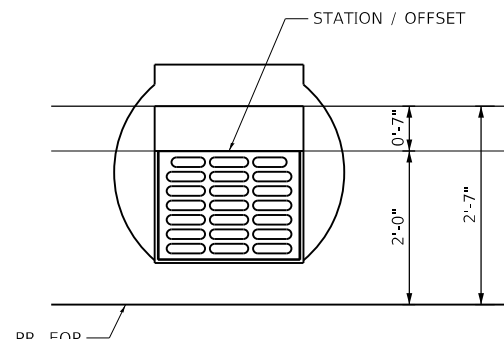
**ACCESS FRAME AND LID**

**NOTES:**

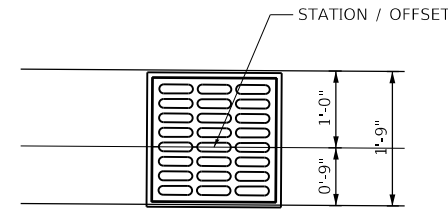
1. WHEN SIDEWALK IS ADJACENT TO INLETS, SPECIAL, THE CONTRACTOR SHALL PLACE AND COMPACT ADDITIONAL AGGREGATE AROUND INLET TO PREVENT DIFFERENTIAL SETTLEMENT.



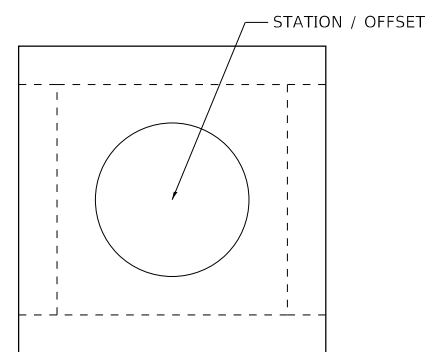
**TYPE 15 FRAME AND LID**  
TOS = AT CENTER OF LID



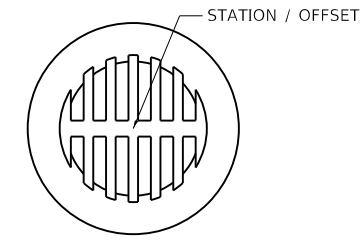
**TYPE 3 FRAME AND GRATE**  
TOS = AT GUTTER FLOW LINE



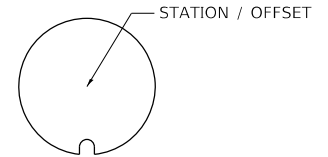
**TYPE 10 FRAME AND GRATE**  
TOS = AT GUTTER FLOW LINE



**INLETS, SPECIAL**  
TOS = AT CENTER OF LID



**TYPE 8 GRATE**  
TOS = AT GRATE FLOW LINE



**TYPE 1 FRAME CLOSED LID**  
TOS = AT CENTER OF LID



**PRECAST REINFORCED CONCRETE  
FLARED END SECTION**

**DRAINAGE CALLOUTS**

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IL DESIGN FIRM  
LICENSE NO:  
184-001220

USER NAME = efisher  
DESIGNED - MLS  
DRAWN - EKF  
CHECKED - JRR  
DATE - MARCH 2024

REVISED -  
REVISED -  
REVISED -  
REVISED -



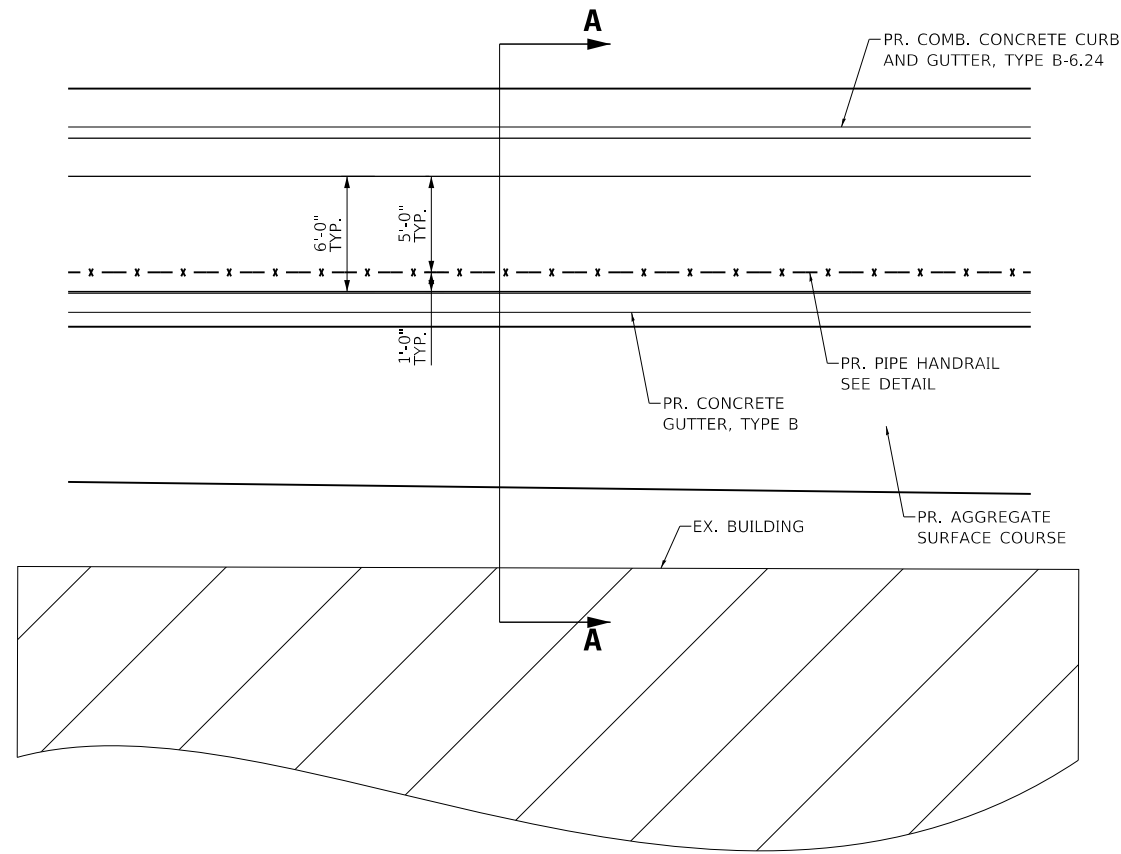
**CITY OF LEBANON**

**MISCELLANEOUS DETAILS  
INLETS, SPECIAL AND DRAINAGE CALLOUTS**

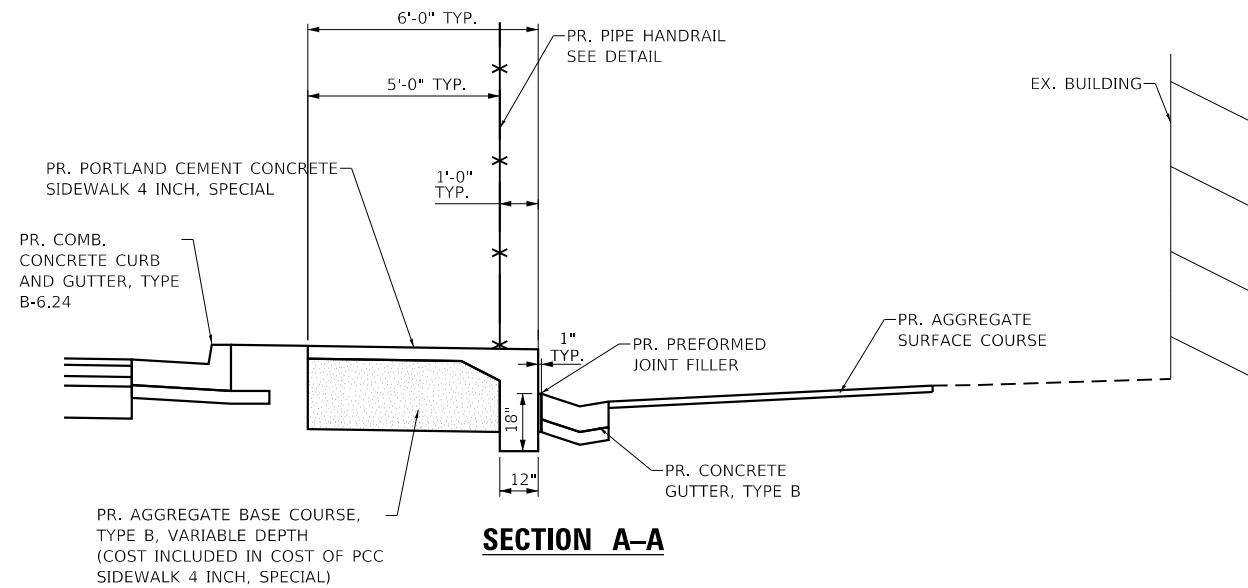
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	23
CONTRACT NO. 97837			ILLINOIS FED. AID PROJECT	

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

**PCC SIDEWALK 4 INCH, SPECIAL**



**PLAN**

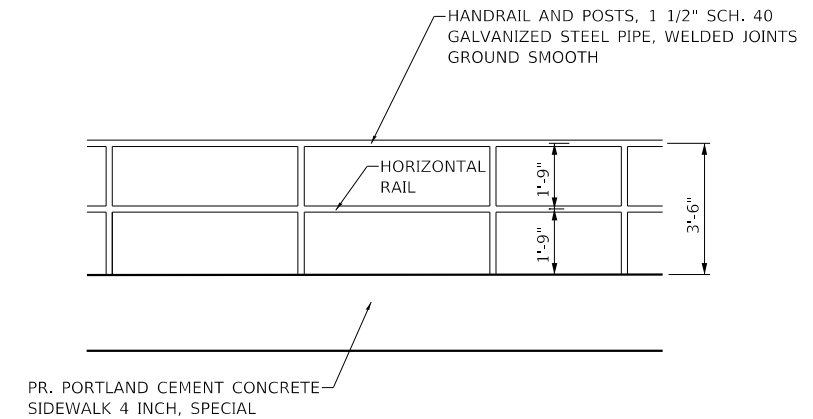


**SECTION A-A**

**NOTES:**

- SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- ALL SIDEWALK, RAMPS, HANDRAILS AND ACCESSIBLE ROUTE MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, PROWAG AND ALL LOCAL AND STATE CODES.

**PIPE HANDRAIL**



**ELEVATION**

**NOTES:**

- ALL SIDEWALK AND HANDRAIL MATERIALS, INSTALLATION, AND WORKMANSHIP SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT.
- VERTICAL POSTS SHALL NOT BE SPACED MORE THAN 5'-0" APART.
- ALL SIDEWALK, RAMPS, HANDRAILS AND ACCESSIBLE ROUTE MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, PROWAG AND ALL LOCAL AND STATE CODES.
- SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- SEE SCHEDULES FOR ADDITIONAL INFORMATION.

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 IL DESIGN FIRM LICENSE NO: 184-001220

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PLOT DATE = 4/25/2024	CHECKED - JRR	REVISED -
	DATE - MARCH 2024	REVISED -



**CITY OF LEBANON**

**MISCELLANEOUS DETAILS  
SIDEWALK, SPECIAL AND PIPE HANDRAIL**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-0023-00-PV	ST. CLAIR	31	24
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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	AREAS CHECKED		

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ILLINOIS DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = efisher  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 4/25/2024

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CHECKED - JRR  
DATE - MARCH 2024

REVISED -  
REVISED -  
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REVISED -

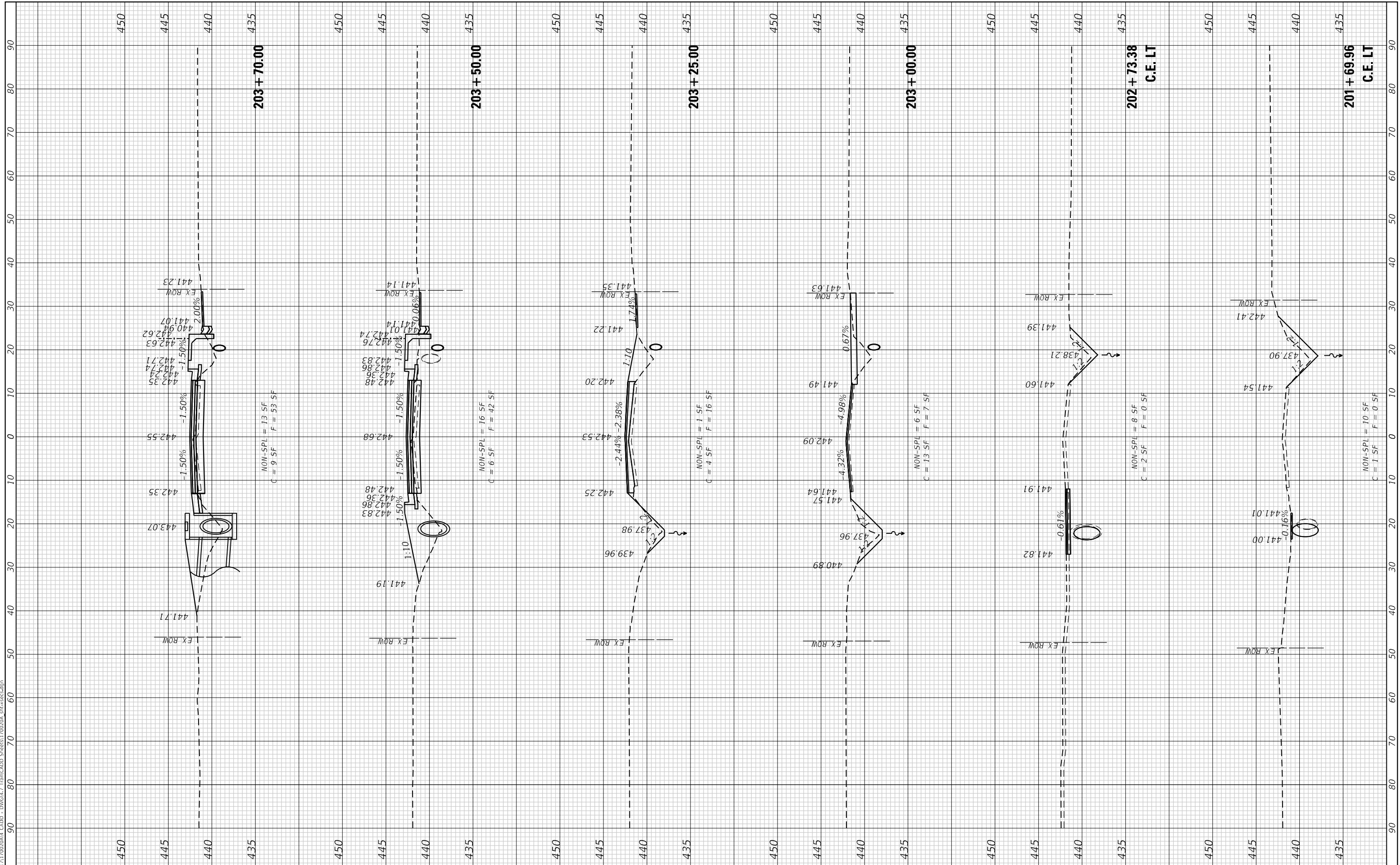


**CITY OF LEBANON**

**CROSS SECTIONS  
E MCALLISTER STREET**

SCALE: 1"=10' SHEET 1 OF 7 SHEETS STA. 201+69.96 TO STA. 203+70.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97837	



201 + 69.96  
C.E. LT

202 + 73.38  
C.E. LT

203 + 00.00

203 + 25.00

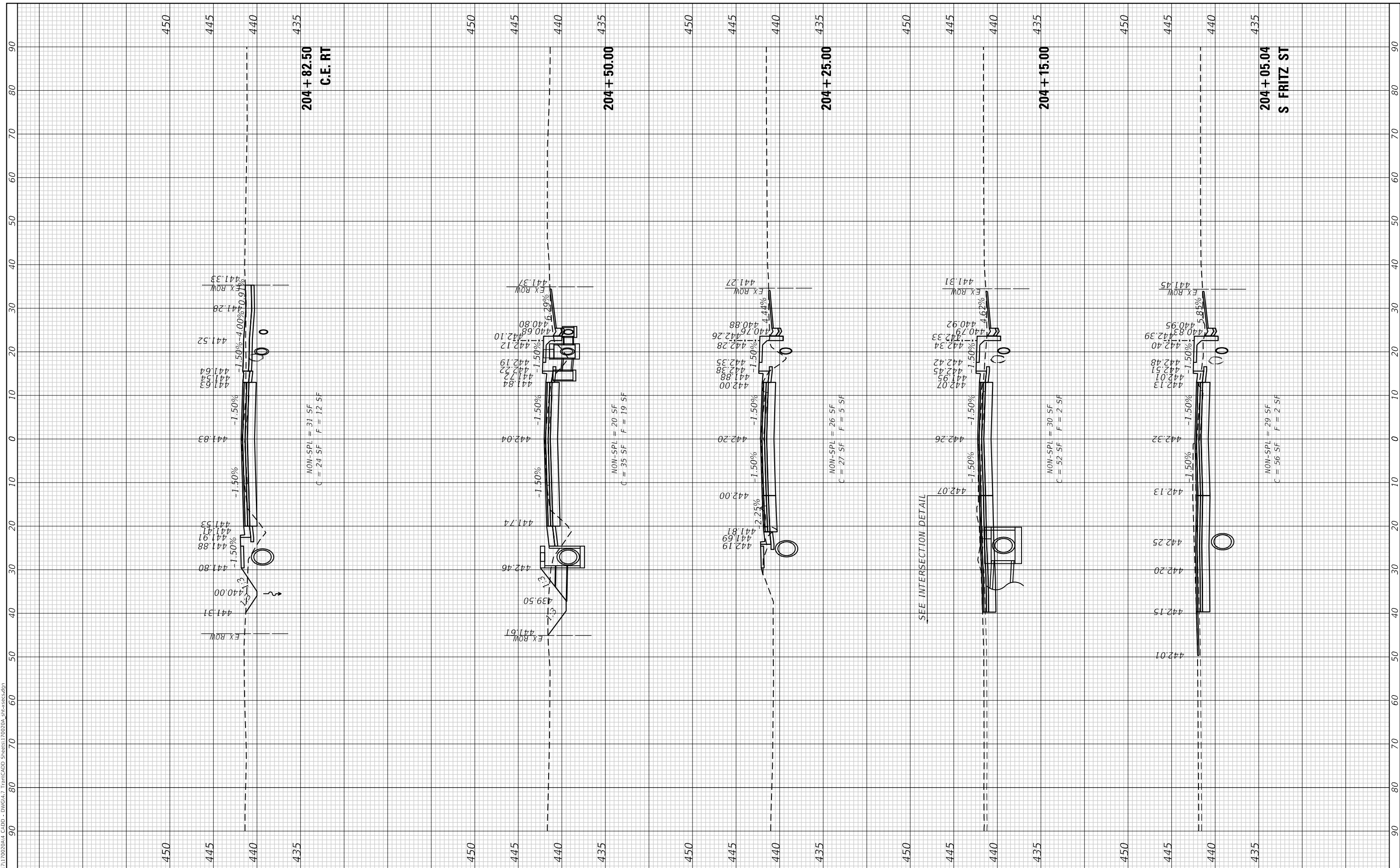
203 + 50.00

203 + 70.00

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		

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**TWM**  
 ENGINEERING  
 GEOSPATIAL SERVICES

**TWM, INC.**  
 www.twm-inc.com  
 ILL. DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME	= efisher
DESIGNED	- MLS
DRAWN	- EKF
CHECKED	- JRR
DATE	- MARCH 2024
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-



**CITY OF LEBANON**

**CROSS SECTIONS  
 E MCALLISTER STREET**

SCALE: 1"=10'    SHEET 2 OF 7 SHEETS    STA. 204+05.04 TO STA. 204+82.50

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	26
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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**TWM, INC.**  
 WWW.TWM-INC.COM  
 ILLINOIS DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = efisher  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 4/25/2024

DESIGNED - MLS  
 DRAWN - EKF  
 CHECKED - JRR  
 DATE - MARCH 2024

REVISED -  
 REVISED -  
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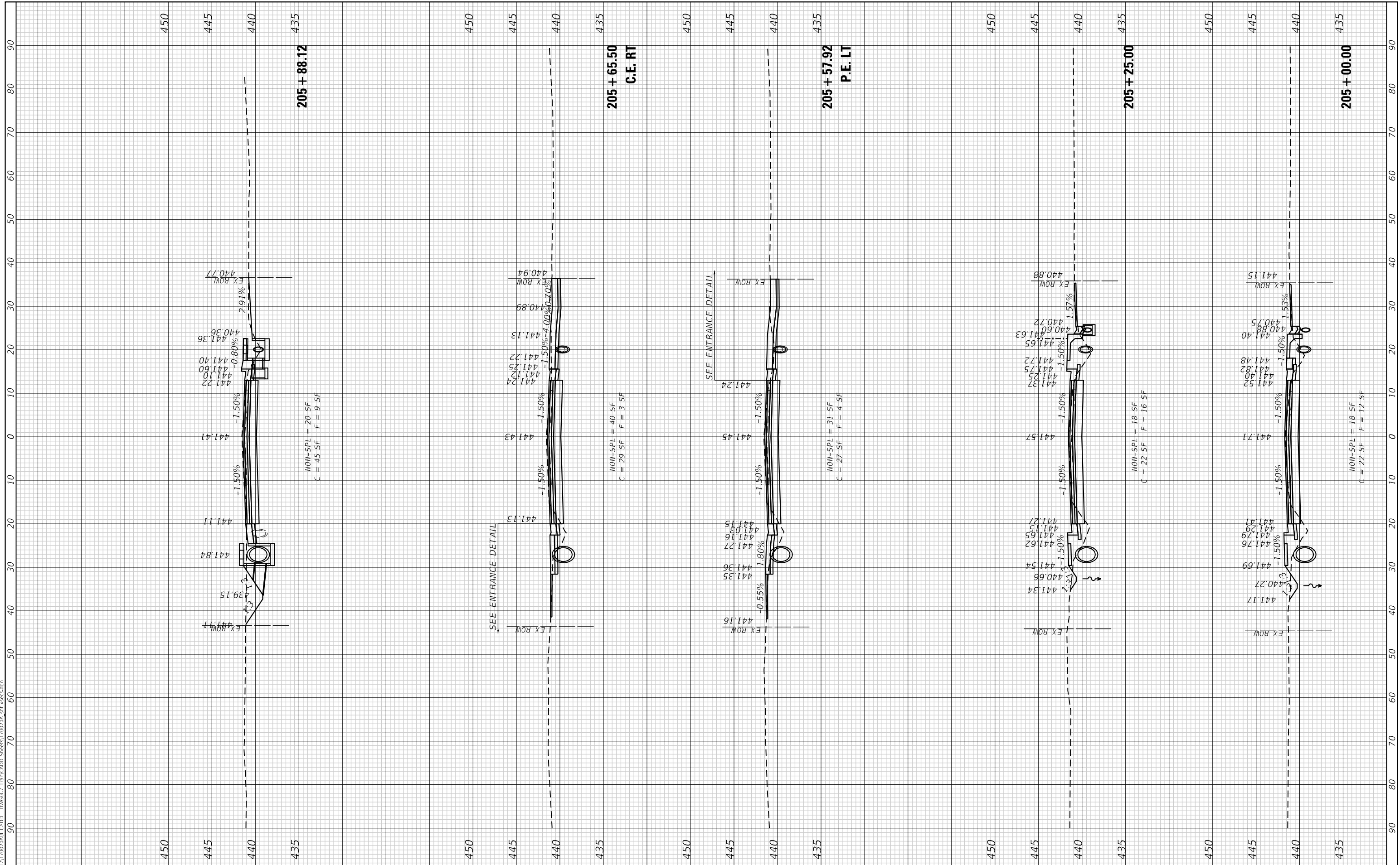


**CITY OF LEBANON**

**CROSS SECTIONS  
 E MCALLISTER STREET**

SCALE: 1"=10' SHEET 3 OF 7 SHEETS STA. 205+00.00 TO STA. 205+88.12

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	27
CONTRACT NO. 97837				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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ILLINOIS DESIGN FIRM  
LICENSE NO: 184-001220

USER NAME = efisher  
PLOT SCALE = 20.0000 ' / in.  
PLOT DATE = 4/25/2024

DESIGNED - MLS  
DRAWN - EKF  
CHECKED - JRR  
DATE - MARCH 2024

REVISED -  
REVISED -  
REVISED -  
REVISED -

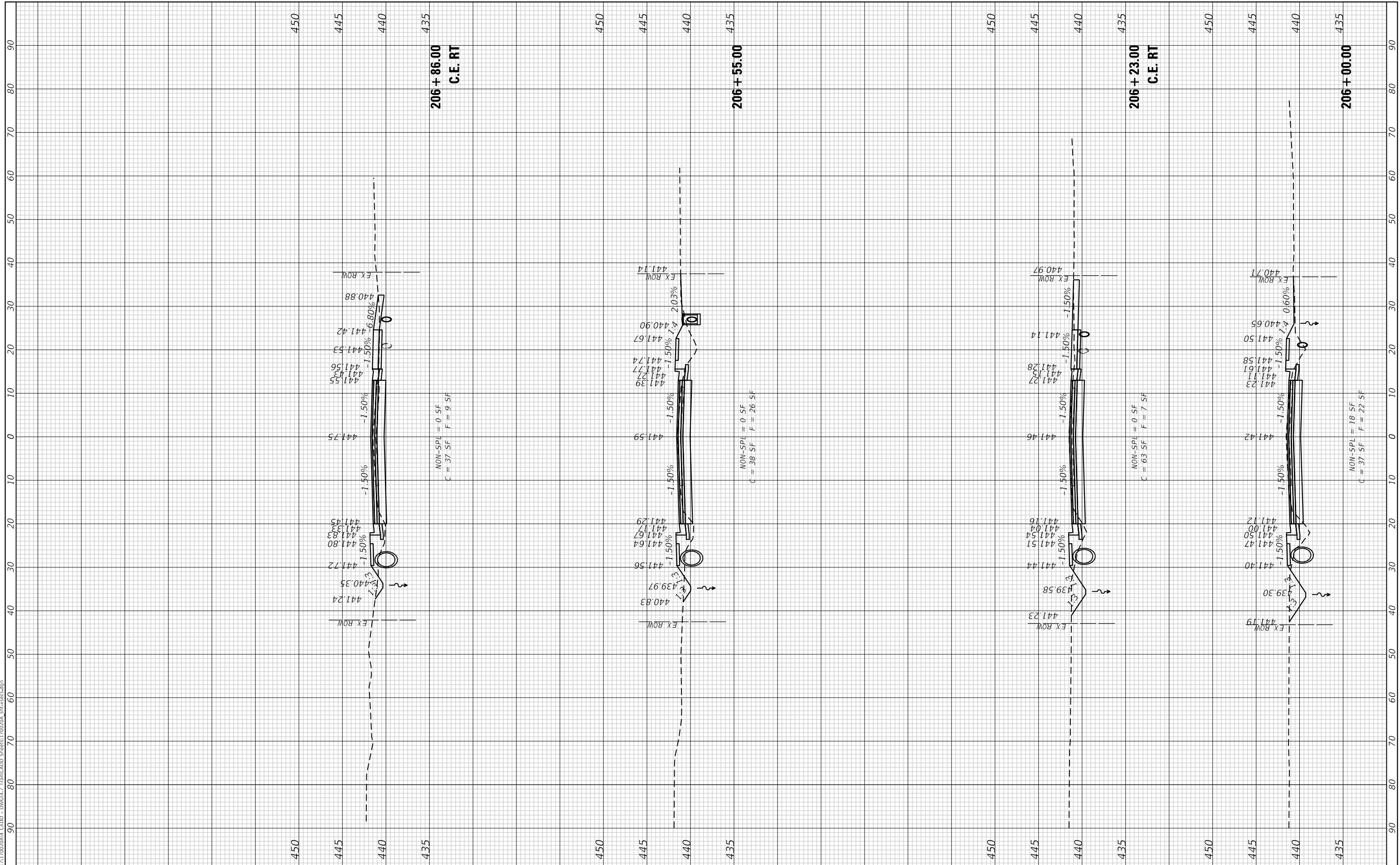


**CITY OF LEBANON**

**CROSS SECTIONS  
E MCALLISTER STREET**

SCALE: 1"=10' SHEET 4 OF 7 SHEETS STA. 206+00.00 TO STA. 206+86.00

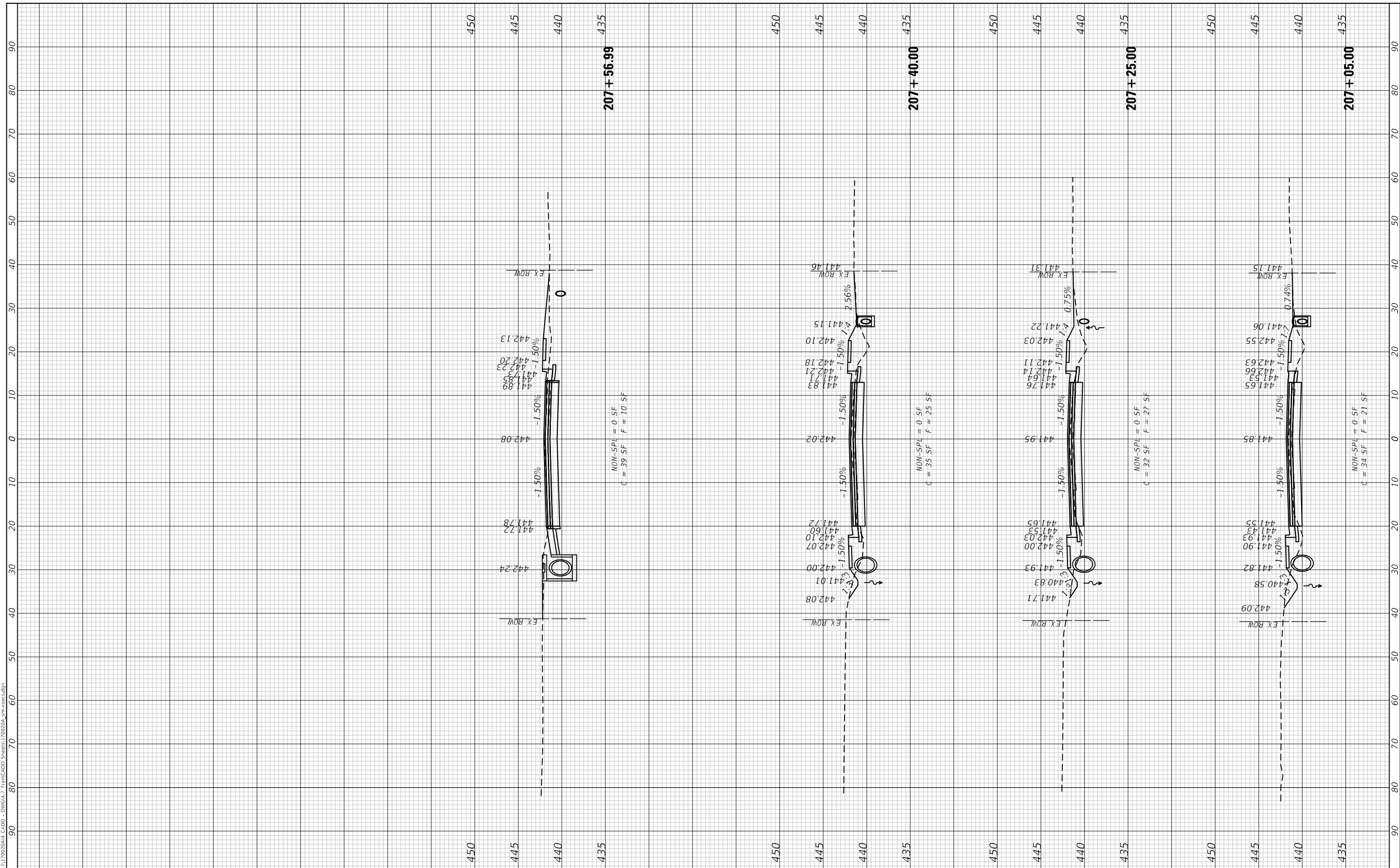
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	28
CONTRACT NO. 97837			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

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 LICENSE NO:  
 184-001220

USER NAME =	efisher
DESIGNED -	MLS
DRAWN -	EKF
CHECKED -	JRR
DATE -	MARCH 2024
REVISIONS	
REVISED -	
REVISED -	
REVISED -	



**CITY OF LEBANON**

**CROSS SECTIONS  
 E MCALLISTER STREET**

SCALE: 1"=10' SHEET 5 OF 7 SHEETS STA. 207+05.00 TO STA. 207+56.99

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	29
CONTRACT NO. 97837				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

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IL DESIGN FIRM  
LICENSE NO:  
184-001220

USER NAME = efisher  
PLOT SCALE = 20,0000 ' / in.  
PLOT DATE = 4/25/2024

DESIGNED - MLS  
DRAWN - EKF  
CHECKED - JRR  
DATE - MARCH 2024

REVISED -  
REVISED -  
REVISED -  
REVISED -

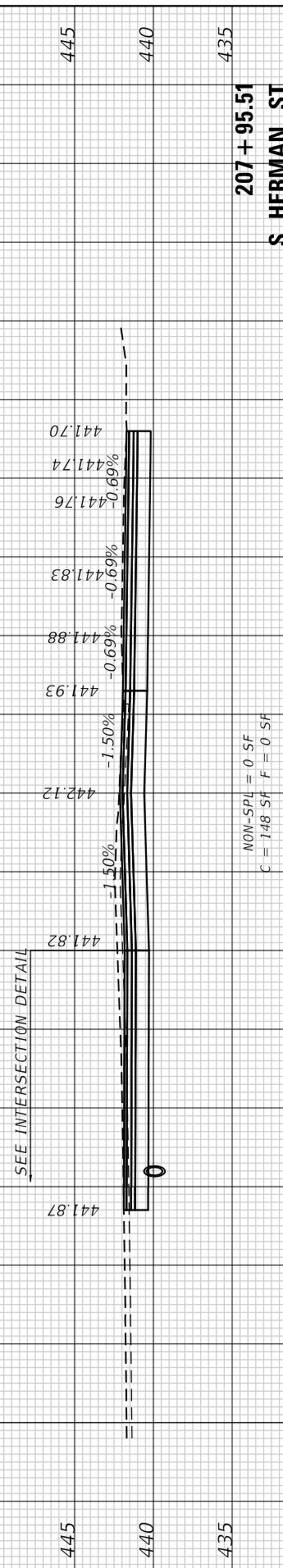
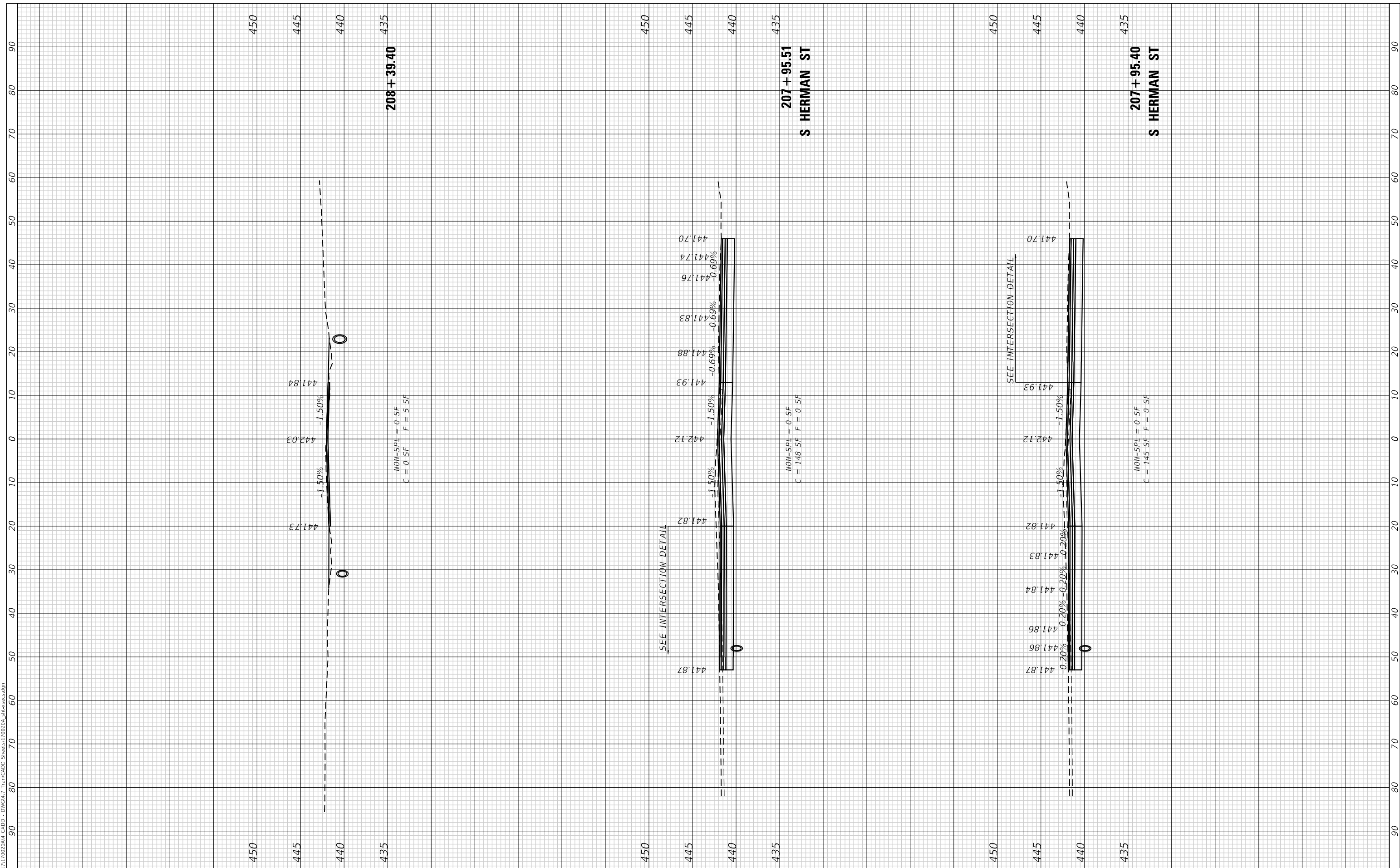


**CITY OF LEBANON**

**CROSS SECTIONS  
E MCALLISTER STREET**

SCALE: 1"=10' SHEET 6 OF 7 SHEETS STA. 207+7795.40 TO STA. 208+39.40

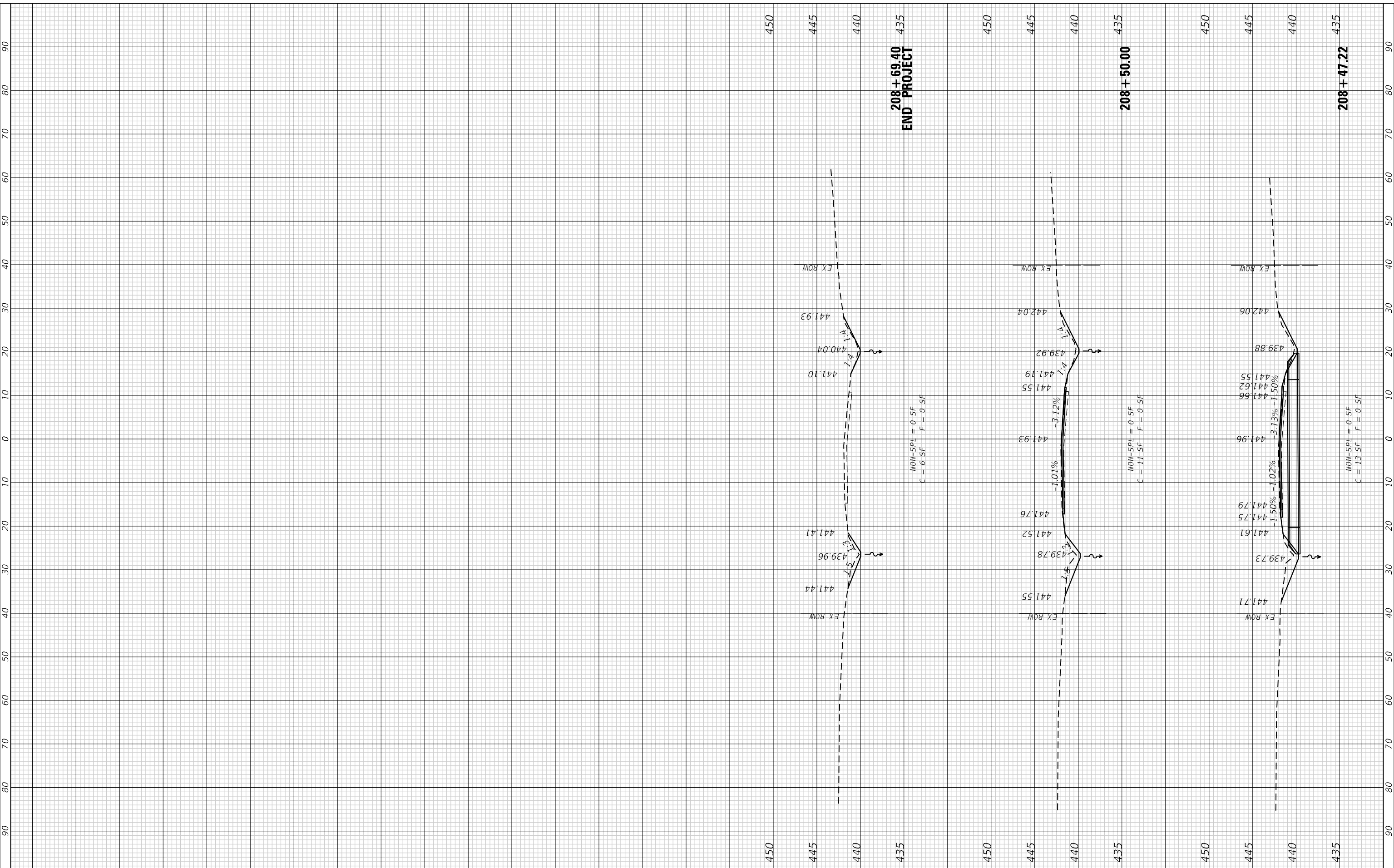
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	30
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

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 www.twm-inc.com  
 IL DESIGN FIRM LICENSE NO: 184-001220

USER NAME = efisher  
 DESIGNED - MLS  
 DRAWN - EKF  
 CHECKED - JRR  
 DATE - MARCH 2024

REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



**CITY OF LEBANON**

**CROSS SECTIONS  
 E MCALLISTER STREET**

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9248	15-00023-00-PV	ST. CLAIR	31	31
CONTRACT NO. 97837				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=10' SHEET 7 OF 7 SHEETS STA. 208+47.22 TO STA. 208+59.40