

06-13-2025 LETTING ITEM 247

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED HIGHWAY PLANS

PHASE 1 / PHASE 2
CMAQ FUNDS / STP FUNDS
FAU ROUTE 9176

SECTION 20-00021-00-PV / 21-00021-01-PV
ST. CLAIR COUNTY HIGHWAY SECTION 21-00395-01-PV

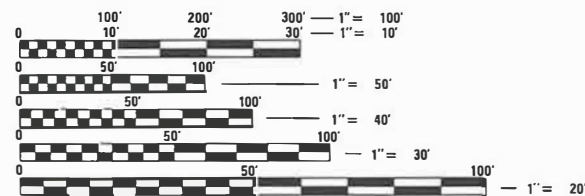
PROJECT YMLE(955)
MAPLE STREET RIGHT TURN LANE / MAPLE STREET IMPROVEMENTS
VILLAGE OF SHILOH
ST. CLAIR COUNTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	1
ILLINOIS CONTRACT NO. 97848				
*20-00021-00-PV/21-00021-01-PV				



LOCATION OF SECTION INDICATED THUS: -

DESIGN DESIGNATION
ROADWAY CLASSIFICATION: MINOR ARTERIAL
DESIGN SPEED: 30 MPH
DESIGN ADT (2043): 2,900 VPD

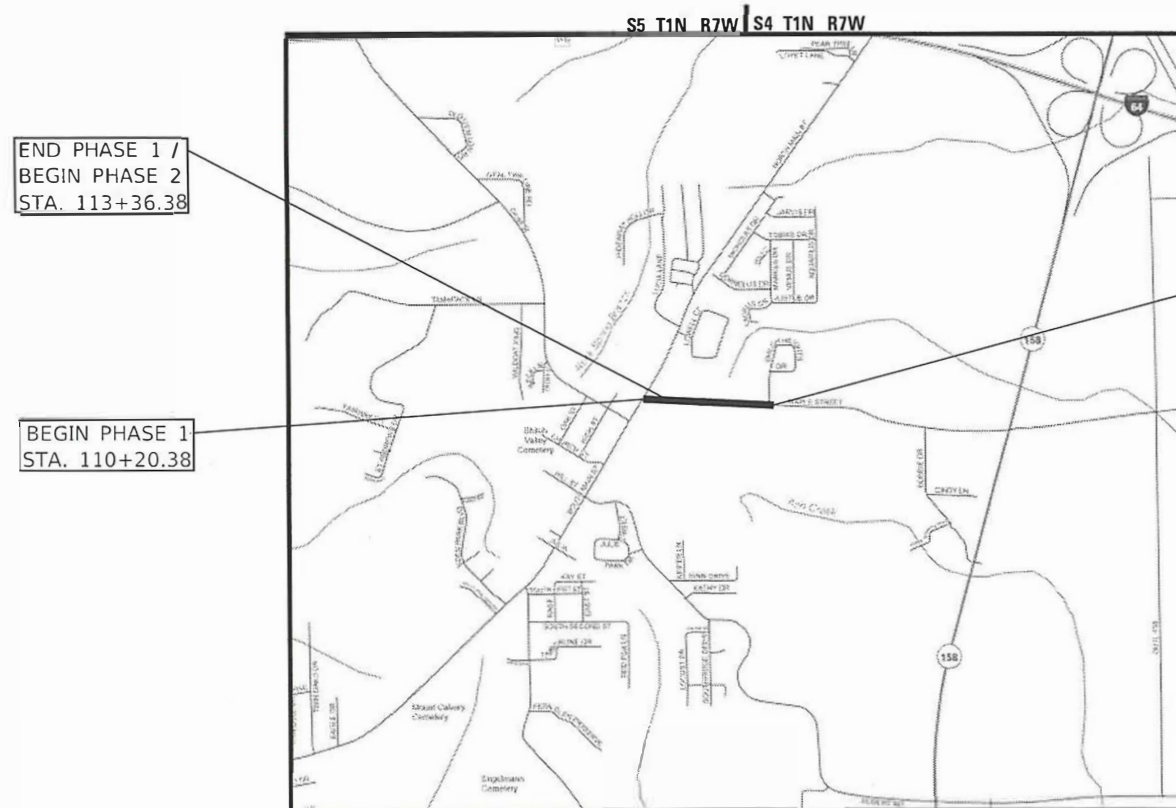


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



PLANS PREPARED BY:
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
www.twm-inc.com
Illinois Professional Design Firm
No. 184-001220
License Expires: 4/30/2025
ILLINOIS - MISSOURI - TENNESSEE



LOCATION MAP

PHASE 1 LENGTH = 316.00 FT. = 0.060 MILE
PHASE 2 LENGTH = 1363.62 FT. = 0.258 MILE
GROSS LENGTH = 1679.62 FT. = 0.318 MILE
NET LENGTH = 1679.62 FT. = 0.318 MILE



01/13/2025
JOSHUA W. STEIN, P.E.
LICENSE NO. 062-062775
EXPIRATION DATE
11-30-2025

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED <i>[Signature]</i> 3/4 20 25	COUNTY ENGINEER
ST. CLAIR COUNTY DEPT. OF ROADS & BRIDGES	
APPROVED <i>[Signature]</i> 3/4 20 25	MAYOR
VILLAGE OF SHILOH	
PASSED <i>[Signature]</i> 4/9 20 25	DISTRICT 8 ENGINEER
LOCAL ROADS & STREETS	
RELEASED FOR BID BASED ON LIMITED REVIEW <i>[Signature]</i> 4/9 20 25	REGIONAL ENGINEER

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GENERAL NOTES

1.

THE CONTRACTOR SHALL NOTIFY IDOT, ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES, AND THE VILLAGE OF SHILOH AT LEAST TWO WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
2.

ALL CONSTRUCTION SIGNS SHALL BE 48" FLUORESCENT ORANGE.
3.

PRIOR TO CONSTRUCTING ANY ENTRANCE, THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER IN WRITING, INFORMING THEM OF CONSTRUCTION AND ESTIMATED DATES CONSTRUCTION WILL TAKE PLACE.
4.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURE.
5.

ANY EXCAVATION ADJACENT TO EDGE OF PAVEMENTS SHALL BE PROTECTED PER ARTICLE 701.07 OR THE STANDARD SPECIFICATIONS.
6.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGH OUT THE CONSTRUCTION PROJECT. THE EMBANKMENT SURFACES SHALL BE SLOPED TO DRAIN OFF THE EMBANKMENT TO SIDE SLOPES. DITCHES ALONG THE SIDES OF THE EMBANKMENT SHALL BE GRADED TO DRAIN THROUGH THE EMBANKMENT UNTIL SUCH TIME THAT PIPE CULVERTS ARE INSTALLED AND FUNCTIONAL. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN EARTH EXCAVATION AND/OR FURNISHED EXCAVATION.
7.

EXISTING DITCHES/SWALES WILL NEED TO BE REGRADED/SHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CROSSROAD CULVERT, POND OR OTHER DRAINAGE APPURTENANCES, UNLESS OTHERWISE INDICATED. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTHWORK, UNLESS NOTED OTHERWISE.
8.

ANY FOUND ROOF DRAINS, SUMP PUMP LINES OR OTHER DRAINS WITHIN PROJECT LIMITS OR AS DIRECTED BY THE ENGINEER SHALL BE A "DAYLIGHT" DRAINED CONDITION INTO THE NEAREST PROPOSED SWALE, DITCH, STREET GUTTER OR DRAINAGE STRUCTURE. COST SHALL BE INCLUDED IN THE COST OF INLETS/MANHOLES.
9.

ALL DRAINAGE STRUCTURES THAT ARE CONSTRUCTED, RECONSTRUCTED OR ADJUSTED SHALL BE CLEANED OF ANY ACCUMULATED SILT OR DEBRIS. THIS WORK WILL BE INCLUDED IN THE THE COST OF VARIOUS DRAINAGE STRUCTURE PAY ITEMS.
10.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
11.

THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE PROPOSED SIDEWALK AND ADJOINING RAMPS IN ACCORDANCE WITH APPLICABLE ADA STANDARDS.
12.

ALL DETECTABLE WARNING PANELS SHALL BE PLACED IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARDS.
13.

IN LOCATIONS WHERE EXISTING CURB AND GUTTER MEETS EITHER THE SAME TYPE OF PROPOSED CURB AND GUTTER OR ANOTHER TYPE OF PROPOSED CURB AND GUTTER, A TRANSITION LENGTH OF 5' SHALL BE USED TO PROVIDE A SMOOTH TRANSITION BETWEEN. ALL WORK SHALL BE PAID FOR PER SECTION 606.14 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
14.

EXISTING UNDERGROUND AND ABOVE-GRADE UTILITY STRUCTURES AND FACILITIES HAVE BEEN PLOTTED ON THESE PLANS BASED ON TOPOGRAPHIC SURVEYS CONDUCTED DURING DESIGN. THE LOCATIONS OF THESE FEATURES MUST BE CONSIDERED APPROXIMATE ONLY. IN ADDTION, THERE MAY BE OTHER FACILITIES WHICH DID NOT EXIST OR WERE NOT KNOWN DURING PREPARATION OF THESE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL EXISTING FACILITIES LOCATED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACTIVITIES AND TO PROTECT ALL SUCH FACILITIES THROUGHOUT CONSTRUCTION.

GENERAL NOTES

16.

THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE SPECIAL PROVISIONS "STATUS OF UTILITIES TO BE ADJUSTED" FOR ADDITIONAL INFORMATION:

AMEREN IP

AT&T

CHARTER COMMUNICATIONS

CLEARWAVE COMMUNICATIONS

FIDELITY COMMUNICATION

ILLINOIS AMERICAN WATER CO. - EAST ST. LOUIS

ILLINOIS AMERICAN WATER CO. - SHILOH SAN.

MCI NETWORK SERVICES, INC.

VILLAGE OF SHILOH
- THE FOLLOWING MEMBERS ARE NOT MEMBERS OF J.U.L.I.E.:

ST. CLAIR COUNTY
17.

ST. CLAIR COUNTY UTILITY NOTE:
THE COUNTY IS NOT A MEMBER OF J.U.L.I.E. AND DOES NOT LOCATE ITS OWN FACILITIES (SUCH AS UNDERGROUND CONDUIT AND/OR CABLE FOR TRAFFIC SIGNALS OR HIGHWAY LIGHTS). THE APPLICANT, AT HIS/HER OWN EXPENSE, MUST OBTAIN THE SERVICES OF A QUALIFIED ELECTRICAL CONTRACTOR TO LOCATE SUCH COUNTY OWNED FACILITIES.
18.

OFFSET - = LT
OFFSET + = RT
19.

ALL EXISTING SIGNAGE THAT IS TO BE REMOVED SHALL BE GIVEN TO THE ST. CLAIR COUNTY HIGHWAY DEPARTMENT UNLESS THE SIGNS ARE TO BE REINSTALLED AS PART OF THE PROJECT.
20.

ALL CLASS A STORM SEWER SHALL BE REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED.
21.

THIS CONTRACT INCLUDES PROVISINAL QUANTITIES FOR:

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

AGGREGATE SUBGRADE IMPROVEMENT

POTHOLING

THESE ITEMS ARE ONLY TO BE USED WITH THE APPROVAL OF THE ENGINEER.

IDOT HIGHWAY STANDARDS

- 000001-08

001001-02

001006

280001-07

424001-12

442201-03

542301-03

602301-04

602306-03

602401-07

602601-06

604006-05

604036-03

604091-05

606001-08
- STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

AREA OF REINFORCEMENT BARS

DECIMAL OF AN INCH AND OF A FOOT

TEMPORARY EROSION CONTROL SYSTEMS

PERPENDICULAR CURB RAMPS FOR SIDEWALKS

CLASS C AND D PATCHES

PRECAST REINFORCED CONCRETE FLARED END SECTION

INLET - TYPE A

INLET - TYPE B

PRECAST MANHOLE TYPE A 4' DIAMETER

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

FRAME AND GRATE TYPE 3

GRATE TYPE 8

FRAME AND GRATE TYPE 24

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

OFF-RD OPERATIONS, 2L, 2W, , 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE

OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH

URBAN LANE CLOSURE, MULTILANE INTERSECTION

SIDEWALK, CORNER OR CROSSWALK CLOSURE

TRAFFIC CONTROL DEVICES

SIGN PANEL MOUNTING DETAILS

SIGN PANEL ERECTION DETAILS

TELESCOPING STEEL SIGN SUPPORT

TYPICAL PAVEMENT MARKINGS

TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION WERE UTILIZED TO CALCULATE CONTRACT QUANTITIES:

AGGREGATES (SURFACE, BASE, BACKFILL)	2.10	TON/CY
BITUMINOUS MATERIALS - TACK COAT (EX. HMA, MILLED SURFACE, CONCRETE, MILLED/TINED CONCRETE)	0.05	LB/SF
BITUMINOUS MATERIALS - TACK COAT (BETWEEN HMA LIFTS, IL 4.75, BRICK)	0.025	LB/SF
BITUMINOUS MATERIAL - PRIME COAT (AGGREGATE BASES)	0.25	LB/SF
HOT-MIX ASPHALT SURFACE/BINDER/BASE	0.056	TON/SY PER INCH
NITROGEN FERTILIZER NUTRIENT	90	LB/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90	LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LB/ACRE
AGRICULTURE GROUND LIMESTONE	2	TON/ACRE
MULCH	2	TON/ACRE
TEMPORARY EROSION CONTROL SEEDING	100	LB/ACRE

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"

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

VILLAGE OF SHILOH

GENERAL NOTES, HIGHWAY STANDARDS AND COMMITMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	2
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

* 20-00021-00-PV / 21-00021-01-PV



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www.twm-inc.com

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* SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				PHASE 1	PHASE 2
				CMAQ	STP
				SEC 20-00021-00-PV	SEC 21-00021-01-PV
				URBAN	URBAN
20200100	EARTH EXCAVATION	CU YD	1480	580	900
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	50	50
20800150	TRENCH BACKFILL	CU YD	355	68	287
25000110	SEEDING, CLASS 1A	ACRE	0.50	0.10	0.40
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	40	6	34
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	40	6	34
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	40	6	34
25100115	MULCH, METHOD 2	ACRE	0.50	0.10	0.40
25100630	EROSION CONTROL BLANKET	SQ YD	36	23	13
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	20	80
28000400	PERIMETER EROSION BARRIER	FOOT	1620	336	1284
28000500	INLET AND PIPE PROTECTION	EACH	39	6	33
28100107	STONE RIPRAP, CLASS A4	SQ YD	58	0	58
28200200	FILTER FABRIC	SQ YD	58	0	58
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	200	100	100



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VILLAGE OF SHILOH

SUMMARY OF QUANTITIES

SCALE: N.T.S.	SHEET 1	OF 6	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	3
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

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* SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				PHASE 1	PHASE 2
				CMAQ	STP
				SEC 20-00021-00-PV	SEC 21-00021-01-PV
				URBAN	URBAN
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	1730	501	1229
35100100	AGGREGATE BASE COURSE, TYPE A	TON	151	12	139
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	45	4	41
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	170	18	152
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2773	979	1794
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3125	891	2234
40600370	LONGITUDINAL JOINT SEALANT	FOOT	1680	316	1364
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	201	201	0
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	662	167	495
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	11	0	11
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	381	52	329
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	160	0	160
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	7941	2040	5901
42400800	DETECTABLE WARNINGS	SQ FT	81	61	20
44000100	PAVEMENT REMOVAL	SQ YD	196	0	196



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VILLAGE OF SHILOH

SUMMARY OF QUANTITIES

SCALE: N.T.S.	SHEET 2	OF 6	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	4
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

* 20-00021-00-PV / 21-00021-01-PV

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* SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				PHASE 1	PHASE 2
				CMAQ	STP
				SEC 20-00021-00-PV	SEC 21-00021-01-PV
				URBAN	URBAN
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	347	13	334
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	322	243	79
44000600	SIDEWALK REMOVAL	SQ FT	6618	1966	4652
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	95	12	83
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	16	16	0
50105220	PIPE CULVERT REMOVAL	FOOT	751	72	679
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	0	1
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	0	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	14	0	14
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	124	73	51
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	246	0	246
* 56109210	WATER VALVES TO BE ADJUSTED	EACH	9	4	5
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	1	5
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	5	0	5
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	7	3	4



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VILLAGE OF SHILOH

SUMMARY OF QUANTITIES

SCALE: N.T.S.	SHEET 3	OF 6	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	5
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

* 20-00021-00-PV / 21-00021-01-PV

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				PHASE 1	PHASE 2
				CMAQ	STP
				SEC 20-00021-00-PV	SEC 21-00021-01-PV
				URBAN	URBAN
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1	0	1
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	0	1
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	15	2	13
60600605	CONCRETE CURB, TYPE B	FOOT	184	0	184
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3386	705	2681
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70300100	SHORT TERM PAVEMENT MARKING	FOOT	300	52	248
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	11	2	9
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	62	62	0
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	3485	757	2728
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	251	199	52
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	46	46	0
* 72000100	SIGN PANEL - TYPE 1	SQ FT	15	6	9
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	15	4	11
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	279	80	199

* SPECIALTY ITEM



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VILLAGE OF SHILOH

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	6
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

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				SEC 20-00021-00-PV	SEC 21-00021-01-PV
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY		
				URBAN	URBAN
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	62	0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3485	757	2728
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	251	199	52
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	46	46	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	25	8	17
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	21	4	17
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	241	43	198
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	116	36	80
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	1460	401	1059
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	369	0	369
* X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	0	2
X1700066	POTHOLING	EACH	50	25	25
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	4823	893	3930
X5220098	TIMBER RETAINING WALL REMOVAL	FOOT	64	0	64
X6024242	INLETS, SPECIAL, NO. 1	EACH	3	0	3



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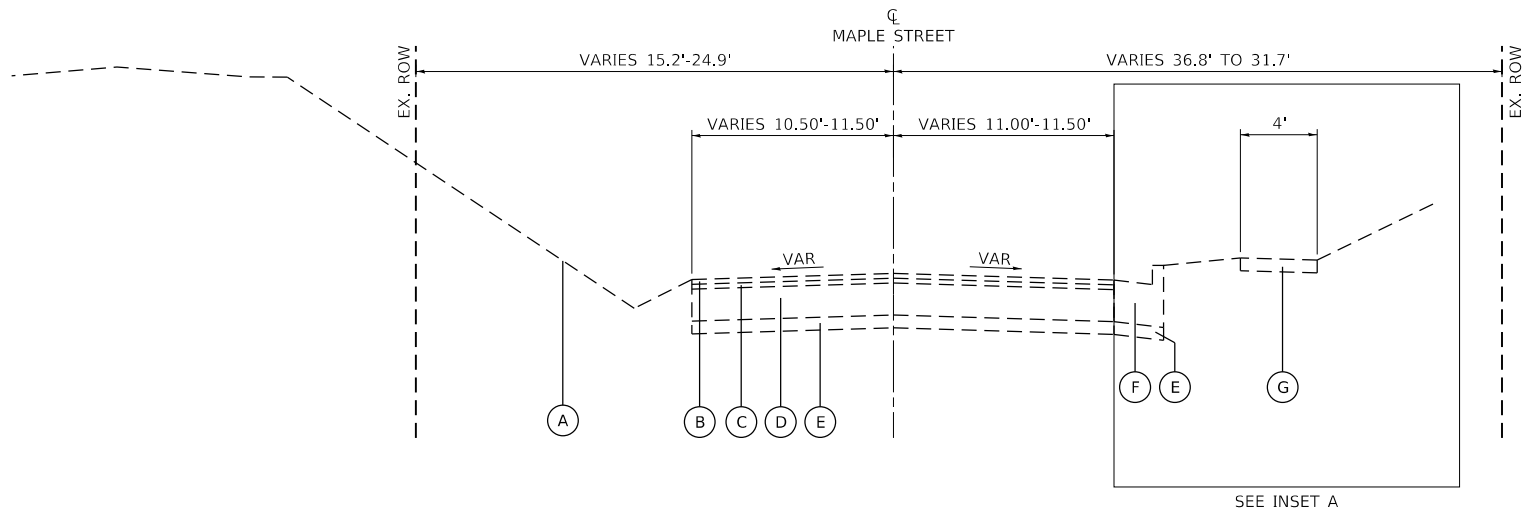


VILLAGE OF SHILOH

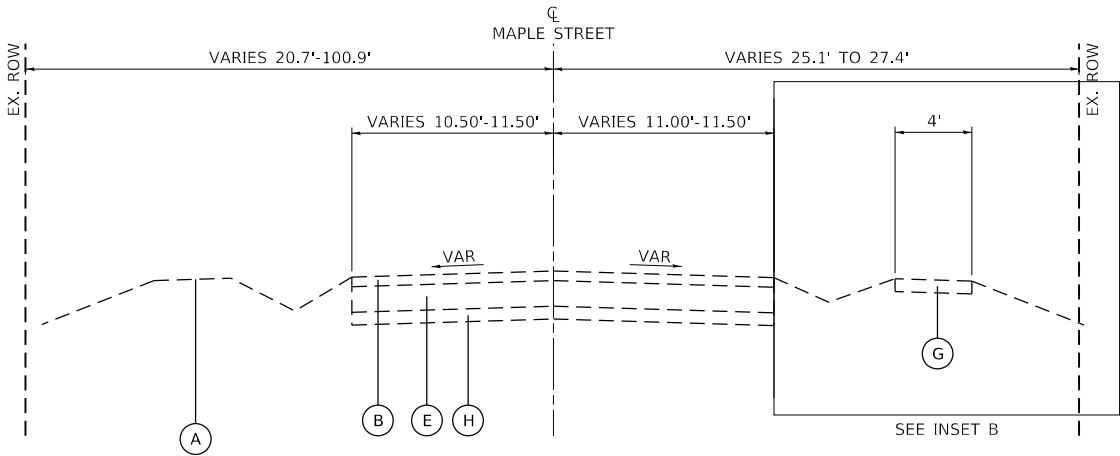
SUMMARY OF QUANTITIES

SCALE: N.T.S.	SHEET 5	OF 6	SHEETS	STA.	TO STA.
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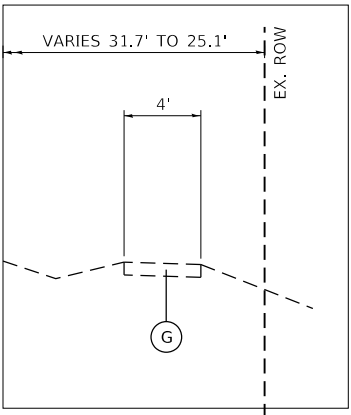
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	7
		CONTRACT NO. 97848		
		ILLINOIS FED. AID PROJECT		



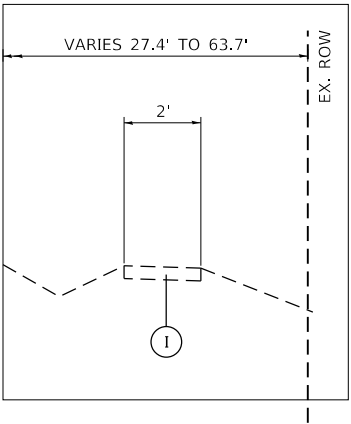
EX. TYPICAL SECTION – MAPLE STREET
STA. 110+20.38 TO STA. 113+11.28



EX. TYPICAL SECTION – MAPLE STREET
STA. 113+11.28 TO STA. 127+00.00

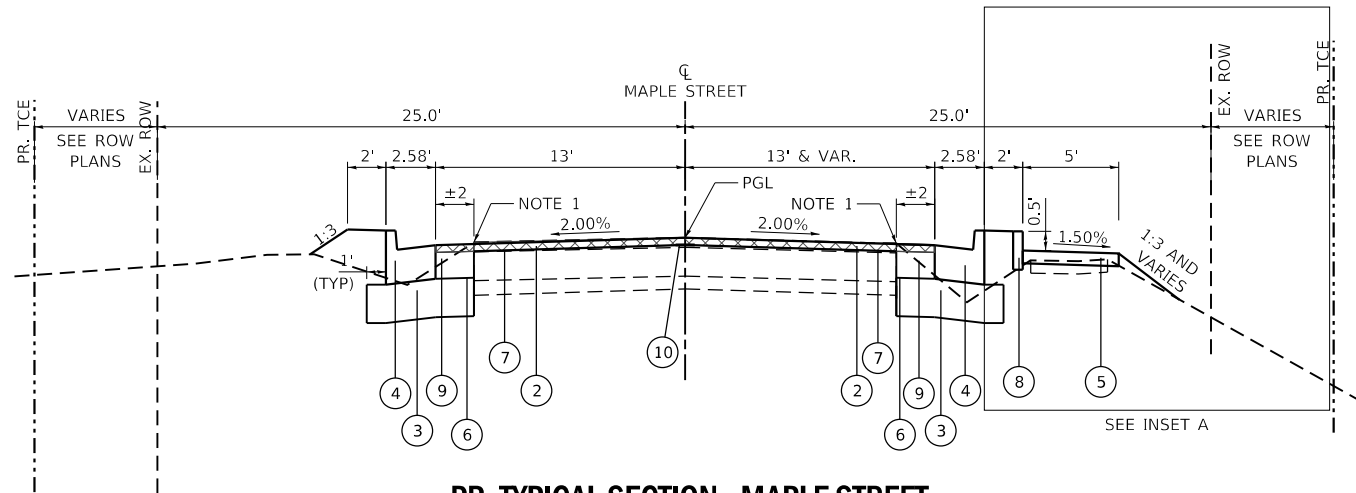


INSET A
STA. 111+11.39 TO STA. 113+11.28



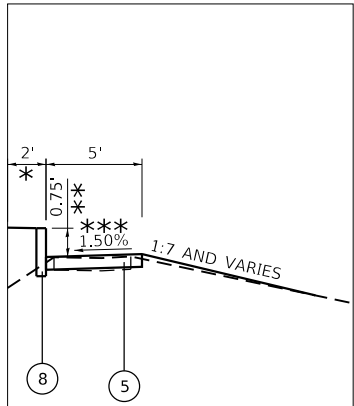
INSET B
STA. 121+32.20 TO 126+19.81

- LEGEND**
- Ⓐ EX. GROUND
 - Ⓑ EX. BITUMINOUS SURFACE COURSE
 - Ⓒ EX. BITUMINOUS LEVELING BINDER COURSE
 - Ⓓ EX. BITUMINOUS BASE COURSE
 - Ⓔ EX. AGGREGATE BASE
 - Ⓕ EX. COMB. CONC. CURB & GUTTER, TY. B-6.24
 - Ⓖ EX. PCC SIDEWALK
 - Ⓗ EX. STAB. SUBBASE
 - Ⓘ EX. HMA PATH
-
- ① PR. HMA BINDER COURSE, IL-19.0, N70, 8.25"
 - ② PR. HMA SURFACE COURSE, IL-9.5, MIX "C", N70, 2.25"
 - ③ PR. SUBBASE GRANULAR MATERIAL, TYPE A, 12"
 - ④ PR. COMB. CONC. CURB & GUTTER, TYPE B-6.24
 - ⑤ PR. PORTLAND CEMENT CONCRETE SIDEWALK, 4"
 - ⑥ PR. BITUMINOUS MATERIALS (PRIME COAT)
 - ⑦ PR. BITUMINOUS MATERIALS (TACK COAT)
 - ⑧ PR. CONCRETE CURB, TYPE B
 - ⑨ PR. BASE COURSE WIDENING, 10 1/2"
 - ⑩ PR. LONGITUDINAL JOINT SEALANT



PR. TYPICAL SECTION - MAPLE STREET

STA. 114+00.00 TO STA. 116+50.00



INSET A

STA. 114+00.00 TO STA. 114+75.00
* STA. 114+25.00 TO STA. 114+47.50 - VARIES 2' TO 3'
STA. 114+47.50 TO STA. 114+52.50 - 3'
STA. 114+52.50 TO STA. 114+75.00 - VARIES 3' TO 2'
** STA. 114+52.50 TO STA. 114+75.00 - VARIES 0.75' TO 0.50'
*** STA. 114+52.50 TO STA. 114+75.00 - VARIES 1.50% (LT) TO 1.50% (RT)

LEGEND

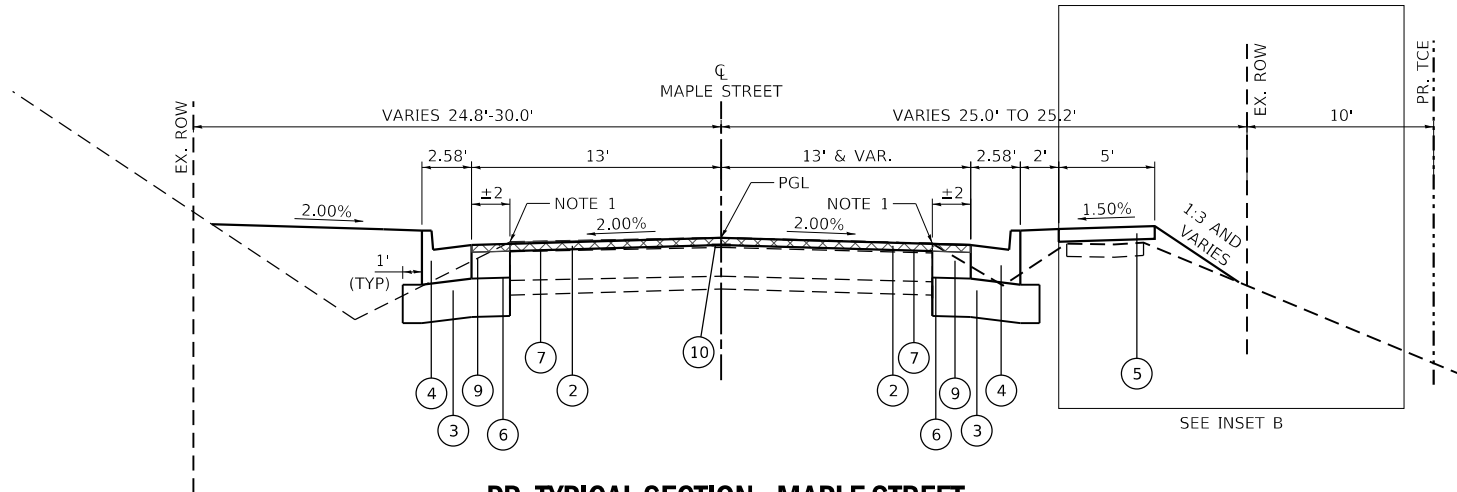
- (A) EX. GROUND
- (B) EX. BITUMINOUS SURFACE COURSE
- (C) EX. BITUMINOUS LEVELING BINDER COURSE
- (D) EX. BITUMINOUS BASE COURSE
- (E) EX. AGGREGATE BASE
- (F) EX. COMB. CONC. CURB & GUTTER, TY. B-6.24
- (G) EX. PCC SIDEWALK
- (H) EX. STAB. SUBBASE
- (I) EX. HMA PATH

- (1) PR. HMA BINDER COURSE, IL-19.0, N70, 8.25"
- (2) PR. HMA SURFACE COURSE, IL-9.5, MIX "C", N70, 2.25"
- (3) PR. SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (4) PR. COMB. CONC. CURB & GUTTER, TYPE B-6.24
- (5) PR. PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (6) PR. BITUMINOUS MATERIALS (PRIME COAT)
- (7) PR. BITUMINOUS MATERIALS (TACK COAT)
- (8) PR. CONCRETE CURB, TYPE B
- (9) PR. BASE COURSE WIDENING, 10 1/2"
- (10) PR. LONGITUDINAL JOINT SEALANT

HMA SURFACE REMOVAL (SPECIAL)
(SEE SPECIAL PROVISIONS)

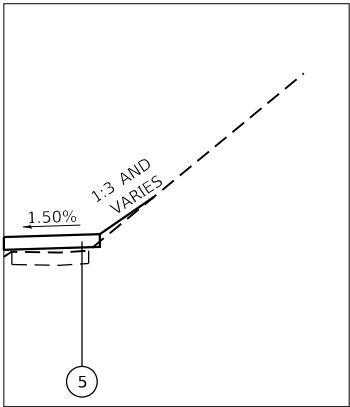
NOTE:

1. CONTRACTOR TO FULL DEPTH SAW CUT EXISTING PAVEMENT 11 FEET FROM CENTERLINE OR EXISTING EDGE OF PAVEMENT, IF LESS THAN 11 FEET WIDE, TO CREATE A CLEAN EDGE FOR PROPOSED WIDENING. SAW CUT SHALL BE TYPICAL BOTH SIDES OF THE ROAD FOR THE LENGTH OF THE PROJECT. COST INCLUDED IN COST OF VARIOUS PAY ITEMS.



PR. TYPICAL SECTION - MAPLE STREET

STA. 120+25.00 TO STA. 123+50.00
STA. 125+50.00 TO STA. 126+00.00



INSET B

STA. 121+00.00 TO STA. 122+75.00

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USER NAME	= efisher
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PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 4/16/2025

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REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

PROPOSED TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	11
CONTRACT NO. 97848				

ILLINOIS FED. AID PROJECT

* 20-00021-00-PV / 21-00021-01-PV

MODEL: Default
FILE NAME: P:\2020\2013\12A4 CAD - DWG\4.7 Tran\Sheets\2013\12A-shi-schedule.dgn

EARTHWORK SCHEDULE						
			EARTH EXCAVATION	FOR INFORMATION ONLY		
				EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD
MAPLE ST PHASE 1						
110+20.38	TO	113+36.38	580	435	49	386
MAPLE ST PHASE 2						
113+36.38	TO	127+00.00	900	675	633	42
SUB-TOTAL:			1480	1110	682	428
PAY TOTAL:			1480			

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
MAPLE ST PHASE 1								
110+20.38	TO	113+36.38	0.092	8.3	8.3	8.3	0.092	18.4
MAPLE ST PHASE 2								
113+36.38	TO	127+00.00	0.398	35.8	35.8	35.8	0.398	79.6
TOTAL:			0.490	44.1	44.1	44.1	0.490	98.0
PAY TOTAL:			0.50	40	40	40	0.50	100

REMOVAL SCHEDULE										
LOCATION				PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	TIMBER RETAINING WALL REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION	TO	STATION	NOTES	SQ YD	SQ YD	SQ YD	FOOT	SQ FT	FOOT	EACH
MAPLE ST PHASE 1										
110+20.38	TO	113+36.38	RT	892.9				1415.6		4
110+20.38	TO	113+36.38	LT					551.0		
110+06.43	TO	111+11.33	RT				117.5			
110+79.90	TO	110+55.02	LT				124.8			
111+89.68			RT			13.2				

MODEL: Default
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PAVEMENT SCHEDULE										
LOCATION				BASE COURSE WIDENING 10 1/2"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	SUBBASE GRANULAR MATERIAL, TYPE A **	BITUMINOUS MATERIALS	
									PRIME COAT *	TACK COAT
STATION	TO	STATION	NOTES	SQ YD	TON	FOOT	TON	TON	POUND	POUND
MAPLE ST PHASE 1										
110+20.38	TO	113+36.38	RT		0.1	316.0	167.3	0.2	0.6	891.2
			LT		201.0			304.4	978.8	
MAPLE ST PHASE 2										
113+36.38	TO	127+00.00	RT	330.3		1363.6	495.2	231.1	743.1	2233.5
			LT	358.4				250.8	806.5	
TOTAL:				689	201	1680	662	786	2529	3125

*SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

**SEE CURB AND GUTTER SCHEDULE FOR ADDITIONAL QUANTITY

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
MAPLE ST PHASE 1									
111+89.68	RT	PE	6.0	3.9	4.0			17.1	
113+02.47	LT	PE	12.3		8.2			35.0	
MAPLE ST PHASE 2									
113+96.55	RT	PE	6.3	9.6	4.2			17.9	
114+79.19	LT	PE	3.3	1.9	2.2			9.4	
114+97.15	LT	PE	3.3		5.2			22.5	
115+50.93	LT	PE	3.7	7.1	2.5			10.6	
115+71.38	RT	PE	8.4	9.7	10.6			45.4	
116+38.23	RT	PE	5.2		5.9	1.2	24.0	14.8	
116+72.12									

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STORM SEWER SCHEDULE												
LOCATION					STORM SEWER						TRENCH BACKFILL	
					CLASS A			WATER MAIN REQUIREMENTS				
					TYPE 1		TYPE 2					
					12 INCH	15 INCH	15 INCH	12 INCH	15 INCH	18 INCH		
PIPE	STATION	TO	STATION	LT/RT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	
MAPLE ST PHASE 1												
P-1-1	110+75.00	TO	111+50.00	RT		72.8					8.8	
P-2-1	110+75.00	TO	111+50.00	LT					72.6		8.8	
P-2-2	111+50.00	TO	111+50.00	LT/RT					33.6		6.8	
P-1-2	111+50.00	TO	113+00.00	RT					147.8		17.9	
P-2-3	112+75.00	TO	113+00.00	LT/RT				36.2			8.2	
P-1-3	113+00.00	TO	114+50.00	RT					146.5		17.7	
MAPLE ST PHASE 2												
P-2-4	114+50.00	TO	114+50.00	LT/RT					29.5		6.3	
P-1-4	114+50.00	TO	116+22.72	RT					171.1		22.6	
P-1-5	116+22.72	TO	117+00.00	RT					72.7		13.8	
P-1-5A	116+22.72	TO	116+22.72	RT	2.5						0.3	
P-2-5	116+25.00	TO	116+22.72	LT/RT		25.6					4.3	
P-1-6	117+00.00	TO	118+00.00	RT					96.4		21.6	
P-2-6A	118+00.00	TO	118+00.00	LT				5.0			0.3	
P-2-6	118+00.00	TO	118+00.00	LT/RT		25.4					5.1	
P-1-6A	117+00.00	TO	117+00.00	RT				2.9			0.7	
P-1-7A	117+98.41	TO	118+00.00	RT	2.3						0.3	
P-1-7	118+00.00	TO	119+25.00	RT			123.5				29.1	
P-2-7B	118+60.00	TO	119+25.00	LT				62.4			1.0	
P-2-7A	119+25.00	TO	119+25.00	LT				4.2			0.3	
P-2-7	119+25.00	TO	119+25.00	LT/RT					26.0		1.1	
P-1-8	119+25.00	TO										

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FILE NAME: P:\2020\2013\12A4 CAD - DWG\4.7 TranSheets\2013\12A-shi-schedule.dgn

DRAINAGE STRUCTURE SCHEDULE													
STATION				PRECAST REINFORCED CONCRETE FLARED END SECTIONS		MANHOLES, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	INLETS						
							TYPE A		TYPE B			SPECIAL	
				15"	18"		TYPE 8 GRATE	TYPE 24 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE	TYPE 24 FRAME AND GRATE	NO. 1	NO. 2
STR.	STATION	OFFSET	LT/RT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
MAPLE ST PHASE 1													
P-1-1	110+75.00	16.17	RT					1					
P-2-1	110+75.00	31.79	LT					1					
P-1-2	111+50.00	12.09	RT								1		
P-2-2	111+50.00	24.00	LT								1		
P-1-3	113+00.00	12.00	RT			1							
P-2-3	112+75.00	16.86	LT					1					
MAPLE ST PHASE 2													
P-1-4	114+50.00	17.08	RT										1
P-2-4	114+50.00	14.00	LT					1					
P-1-5	116+22.72	14.00	RT			1							
P-1-5A	116+22.72	20.08	RT									1	
P-2-5	116+25.00	14.00	LT					1					
P-1-6	117+00.00	14.00	RT								1		
P-1-6A	117+00.00	20.08	RT									1	
P-1-7A	117+98.41	20.08	RT									1	
P-2-6	118+00.00	14.00	LT								1		
P-2-6A	118+00.00	21.54	LT				1						
P-1-7	118+00.00	14.00	RT			1							
P-2-7B	118+60.00	20.18	LT				1						
P-1-8	119+25.00	14.00	RT								1		
P-2-7	119+25.00	14.00	LT								1		
P-2-7A	119+25.00	21.35	LT						1		</		

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FILE NAME: P:\2020\2013\12A4 CADD - DWG\4.7 Tran\Sheets\2013\12A-shi-schedule.dgn

SIGNAGE SCHEDULE										
LOCATION			DESCRIPTION				RELOCATE SIGN PANEL ASSEMBLY - TYPE A	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	
STATION			SIGN	SHAPE	SIZE		EACH	SQ FT	FOOT	
MAPLE ST PHASE 1										
110+67.68	45.78	LT	STOP & STREET NAMES				1		16.1	
111+32.08	15.07	RT	SPEED LIMIT				1		15.2	
111+65.69	14.56	RT	NO PARKING & COUNTY				1		17.2	
111+99.53	28.63	LT	R3-7 (RIGHT TURN LANE)	RECTANGLE	30	X 30		6.25	14.8	
112+60.40	26.66	LT	NO PASSING & NO PARKING				1		16.5	
MAPLE ST PHASE 2										
114+56.37	17.05	LT	NO PARKING				1		15.1	
115+23.05	17.05	LT	STOP AHEAD				1		16.1	
118+16.34	17.08	LT	SPEED LIMIT				1		15.1	
118+34.01	16.55	RT	SPEED LIMIT				1		15.2	
119+65.52	16.55	RT	NO PARKING				1		15.2	
120+75.76	17.05	LT	NO PARKING				1		15.2	
122+38.71	17.05	LT	SPEED LIMIT				1		15.1	
123+18.78	16.68	RT	W16-9P (AHEAD)	RECTANGLE	24	X 12		2.00	17.2	
124+56.69	17.05	LT	SPEED RADAR TIMED				1		15.1	
125+29.89	16.55	RT	NO PARKING				1		15.2	
125+69.36	16.33	RT	W16-7P (ARROW)	RECTANGLE	21	X 15		2.19		
125+69.36	16.58	LT	W16-7P (ARROW)	RECTANGLE	21	X 15		2.19		
125+98.94	27.46	LT	STREET NAME & NO OUTLET				1		13.5	
126+01.21	37.11	LT	STOP				1		13.9	
128+33.86	28.63	LT	W16-9P (AHEAD)	RECTANGLE	24	X 12		2.00	17.1	
TOTAL:							15	15	279	

PAVEMENT MARKING SCHEDULE													
LOCATION					THERMOPLASTIC PAVEMENT MARKINGS					RRPM			
					LINE 4"		LINE 6"	LINE 12"	LETTERS & SYMBOLS				
					WHITE FOOT	YELLOW FOOT	WHITE FOOT	WHITE FOOT	WHITE SQ FT	AMBER EACH	CRYSTAL EACH		
MAPLE ST PHASE 1													
110+28.97				CROSSWALK	SINGLE		113.7						
110+36.71				CROSSWALK	SINGLE		85.6						
110+49.96				STOP BAR	SINGLE			46.3					
110+49.96	TO	113+36.38	CENTERLINE	DOUBLE		572.8				4			
			RT TURN LANE	SINGLE	150.6						4		
			RT TURN LANE	SKIP-DASH	33.9								
110+80.96				LEFT ARROW	SYMBOL				15.6				
110+81.02				RIGHT ARROW	SYMBOL				15.6				
111+72.77				RIGHT ARROW	SYMBOL				15.6				
111+75.56				LEFT ARROW	SYMBOL				15.6				
MAPLE ST PHASE 2													
113+36.38	TO	127+00.00	CENTERLINE	DOUBLE		2727.2				17			
125+69.86				CROSSWALK	SINGLE		26.0						
125+76.86				CROSSWALK	SINGLE		26.0						
TOTAL:					185	3300	251	46	62	21	4		
					3485		25						



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher

PLOT SCALE = 2,0000 ' / in.
PLOT DATE = 4/16/2025

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DATE -

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FILE NAME: P:\2020\2013\12A4 CADD - DWG\4.7 Tran\Sheets\2013\12A-shi-schedule.dgn

SHORT TERM PAVEMENT MARKING SCHEDULE							
LOCATION					PAVEMENT MARKING REMOVAL - WATER BLASTING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
STATION	TO	STATION	DESCRIPTION	TYPE	SQ FT	FOOT	SQ FT
MAPLE ST PHASE 1 (STAGE 1)							
110+49.96	TO	113+36.38	EX. EDGE LT	SINGLE	10.5		
			CENTERLINE	DOUBLE	21.3	26.0	1.0
			EX. EDGE RT	SINGLE	10.8		
MAPLE ST PHASE 2 (STAGE 1)							
113+36.38	TO	127+00.00	EX. EDGE LT	SINGLE	46.9		
			CENTERLINE	DOUBLE	101	124.0	4.6
			EX. EDGE RT	SINGLE	50.5		
MAPLE ST PHASE 1 (STAGE 1)							
110+49.96	TO	113+36.38	EX. EDGE LT	SINGLE			
			CENTERLINE	DOUBLE		26.0	1.0
			EX. EDGE RT	SINGLE			
MAPLE ST PHASE 2 (STAGE 1)							
113+36.38	TO	127+00.00	EX. EDGE LT	SINGLE			
			CENTERLINE	DOUBLE		124.0	4.6
			EX. EDGE RT	SINGLE			
TOTAL:					241	300	11

TEMPORARY PAVEMENT MARKING SCHEDULE											
LOCATION					TEMPORARY PAVEMENT MARKINGS						
					LINE 4" - PAINT		LINE 6" - PAINT	LINE 12" - PAINT	LETTERS & SYMBOLS - PAINT		
					WHITE FOOT	YELLOW FOOT	WHITE FOOT	WHITE FOOT	WHITE SQ FT		
MAPLE ST PHASE 1											
110+28.97			CROSSWALK	SINGLE			113.7				
110+36.71			CROSSWALK	SINGLE			85.6				
110+49.96			STOP BAR	SINGLE				46.3			
110+49.96	TO	113+36.38	CENTERLINE	DOUBLE		572.8					
			RT TURN LANE	SINGLE	150.6						
			RT TURN LANE	SKIP-DASH	33.9						
110+80.96			LEFT ARROW	SYMBOL					15.6		
110+81.02			RIGHT ARROW	SYMBOL					15.6		
111+72.77			RIGHT ARROW	SYMBOL					15.6		
111+75.56			LEFT ARROW	SYMBOL					15.6		
MAPLE ST PHASE 2											
113+36.38	TO	127+00.00	CENTERLINE	DOUBLE		2727.2					
125+69.86			CROSSWALK	SINGLE			26.0				
125+76.86			CROSSWALK	SINGLE			26.0				
TOTAL:					185	3300	251	46	62		
					3485						



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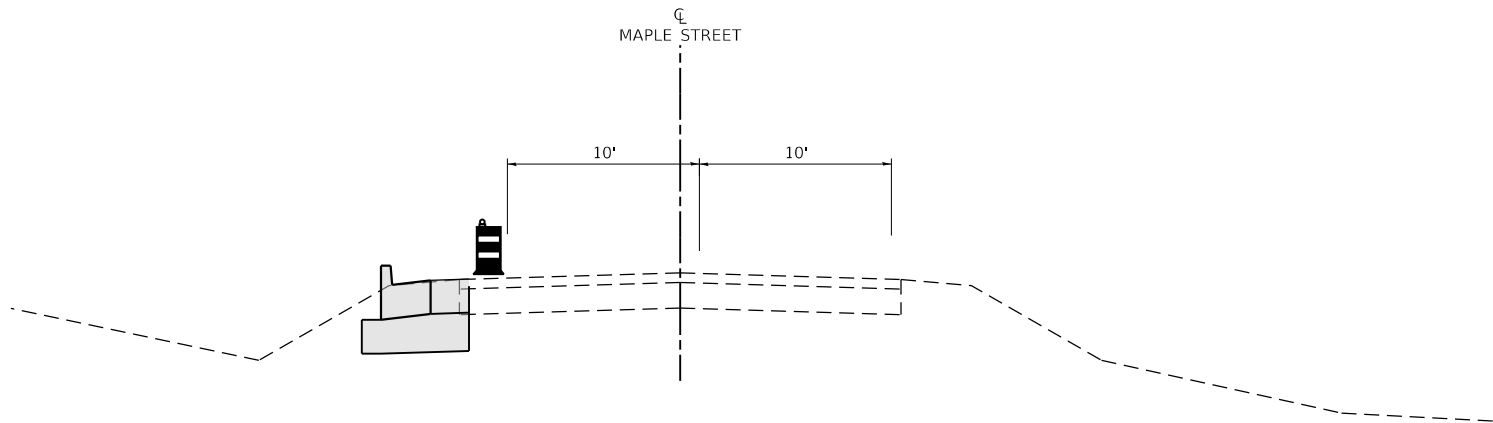
VILLAGE OF SHILOH

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. TO STA.

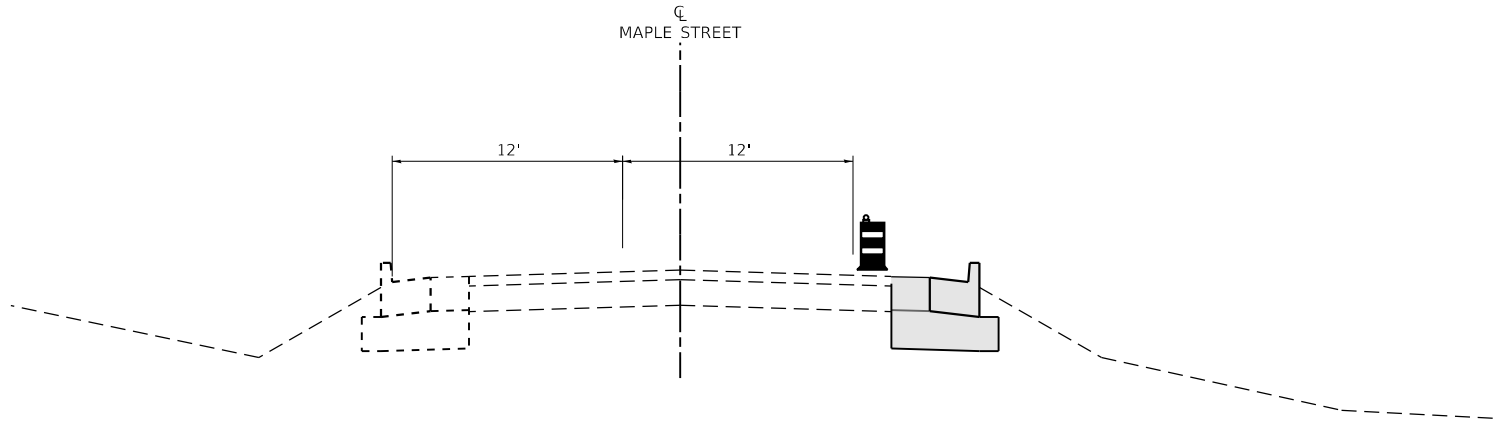
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9176	*	ST. CLAIR	70	17
		CONTRACT NO. 97848		
		ILLINOIS FED. AID PROJECT		

* 20-00021-00-PV / 21-00021-01-PV



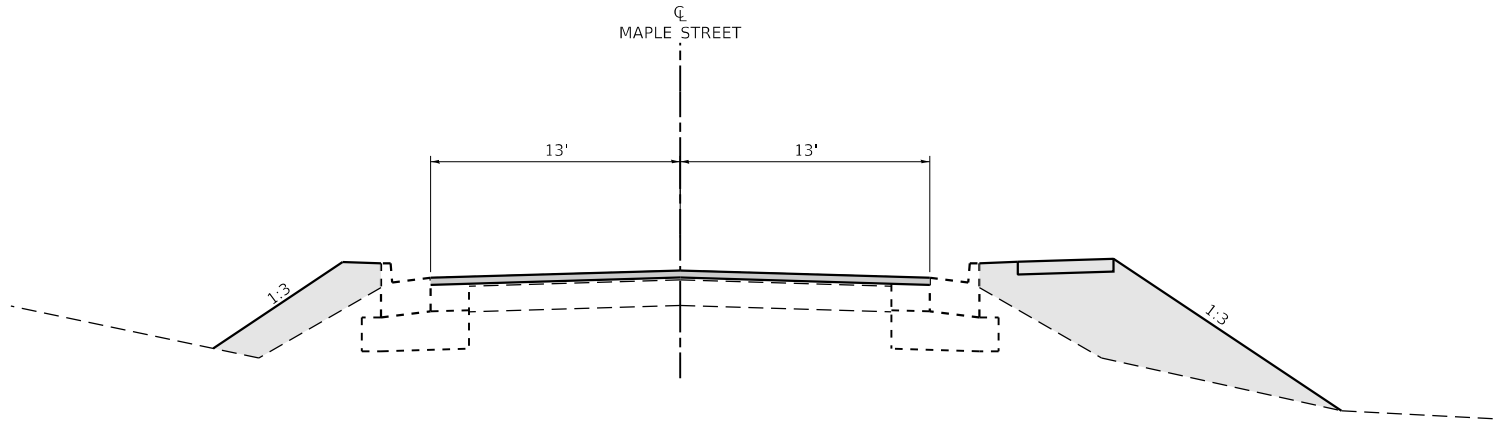
STAGE 01

CONSTRUCTION THIS STAGE SHADED



STAGE 02

CONSTRUCTION THIS STAGE SHADED



STAGE 03

CONSTRUCTION THIS STAGE SHADED

SUGGESTED STAGES OF CONSTRUCTION

SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION

ACCESS MUST BE MAINTAINED AT ALL TIMES, VIA FLAGGERS IF NECESSARY

STAGE 01

- CONSTRUCTION
- CONSTRUCT EARTH EXCAVATION AND PAVEMENT WIDENING FOR RTL
 - CONSTRUCT NORTH SIDE STORM SEWER & DRAINAGE STRUCTURES
 - CONSTRUCT NORTH SIDE CURB AND GUTTER
 - CONSTRUCT NORTH SIDE BASE COURSE WIDENING, 10 1/2" (FLUSH WITH EXISTING PAVEMENT)
 - CONSTRUCT NORTH SIDE ENTRANCE APRONS

TRAFFIC

DURING CONSTRUCTION, MAINTAIN 1-LANE 2-WAY TRAFFIC VIA FLAGGER.

OFF HOURS, PROVIDE 2-LANES FOR 2-WAY TRAFFIC WITH BARRICADES AT ANY DROP OFF. MAX DROP OFF AT THE END OF ANY WORKDAY SHALL BE 12" TO COMPLY WITH ARTICLE 701.07 OF THE STANDARD SPECIFICATIONS.

STAGE 02

- CONSTRUCTION
- CONSTRUCT SOUTH SIDE STORM SEWER & DRAINAGE STRUCTURES
 - CONSTRUCT STORM SEWER LATERALS
 - CONSTRUCT SOUTH SIDE CURB AND GUTTER
 - CONSTRUCT SOUTH SIDE BASE COURSE WIDENING, 10 1/2" (FLUSH WITH EXISTING PAVEMENT)
 - CONSTRUCT SOUTH SIDE ENTRANCE APRONS

TRAFFIC

DURING CONSTRUCTION, MAINTAIN 1-LANE 2-WAY TRAFFIC VIA FLAGGER.

OFF HOURS, PROVIDE 2-LANES FOR 2-WAY TRAFFIC WITH BARRICADES AT ANY DROP OFF. MAX DROP OFF AT THE END OF ANY WORKDAY SHALL BE 12" TO COMPLY WITH ARTICLE 701.07 OF THE STANDARD SPECIFICATIONS.

STAGE 03

- CONSTRUCTION
- CONSTRUCT HMA SURFACE REMOVAL INCLUDING THE NORTH AND SOUTH BASE COURSE WIDENING
 - CONSTRUCT HMA SURFACE COURSE
 - CONSTRUCT CONSTRUCT BACKFILL/GRADING BEHIND CURBS
 - CONSTRUCT SIDEWALKS
 - CONSTRUCT PAVEMENT MARKINGS AND SIGNAGE
 - CONSTRUCT REMAINING ENTRANCES

TRAFFIC

DURING CONSTRUCTION, MAINTAIN 1-LANE 2-WAY TRAFFIC VIA FLAGGER.

OFF HOURS, PROVIDE 2-LANES FOR 2-WAY TRAFFIC WITH BARRICADES AT ANY DROP OFF. MAX DROP OFF AT THE END OF ANY WORKDAY SHALL BE 12" TO COMPLY WITH ARTICLE 701.07 OF THE STANDARD SPECIFICATIONS.

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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= efisher
DESIGNED	-
DRAWN	-
PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 4/16/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	22
CONTRACT NO. 97848				

ILLINOIS FED. AID PROJECT

* 20-000

NOTES

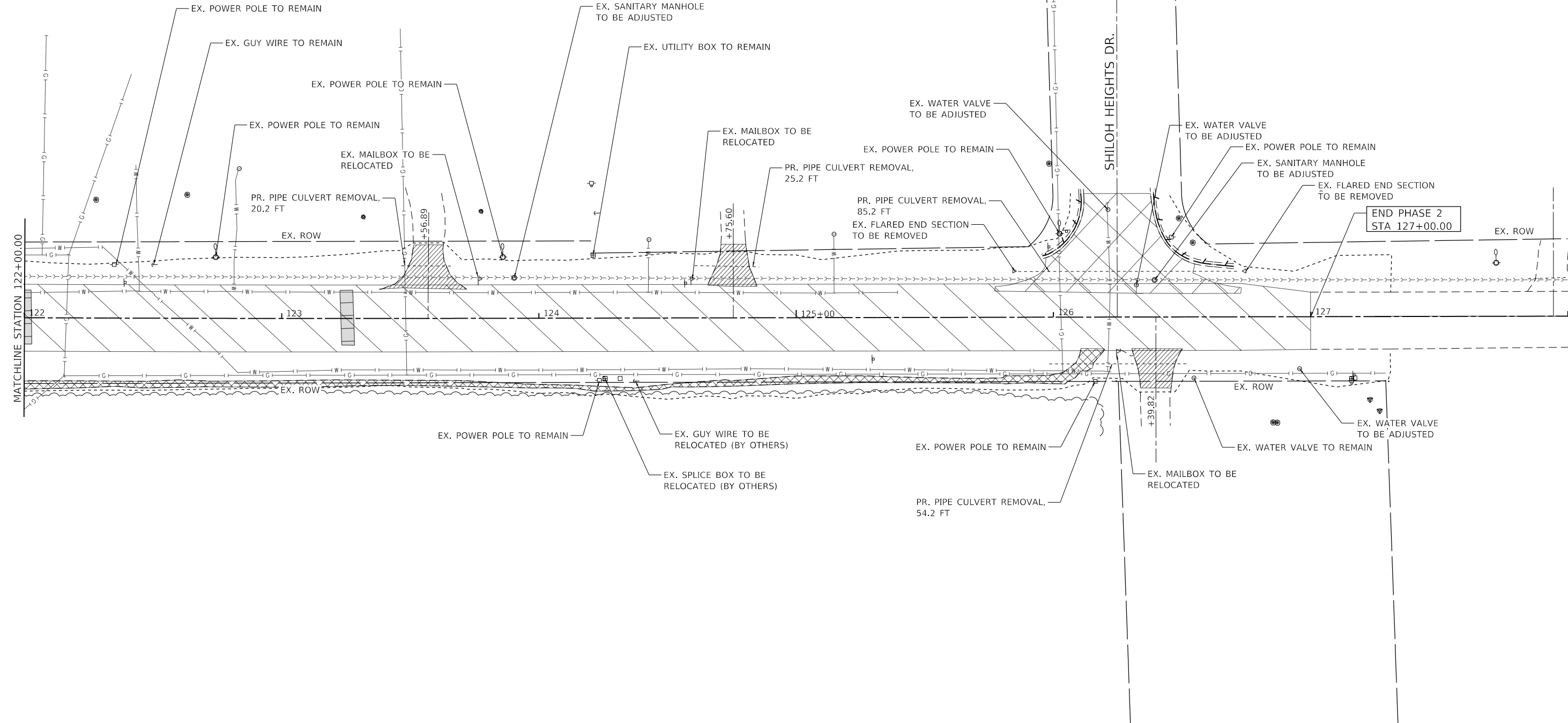
1. ALL UTILITIES IN CONFLICT WITH THE PROPOSED IMPROVEMENT WILL BE RELOCATED/ADJUSTED BY THE UTILITY OWNER.
2. ALL SANITARY SEWER MANHOLES AND WATER VALVES WITHIN THE PROPOSED IMPROVEMENTS WILL BE ADJUSTED BY THE CONTRACTOR. SEE SCHEDULES.
3. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR SIGN REMOVALS AND RELOCATIONS.
4. SEE SCHEDULES AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

LEGEND

- HMA SURFACE REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- CLASS D PATCHES, 11 INCH (SEE SCHEDULES FOR TYPE)
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CURB REMOVAL



0 20 40 60
SCALE IN FEET



MODEL: Default
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PLOT DATE = 4/16/2025

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REVISED -
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REVISED -
REVISED -



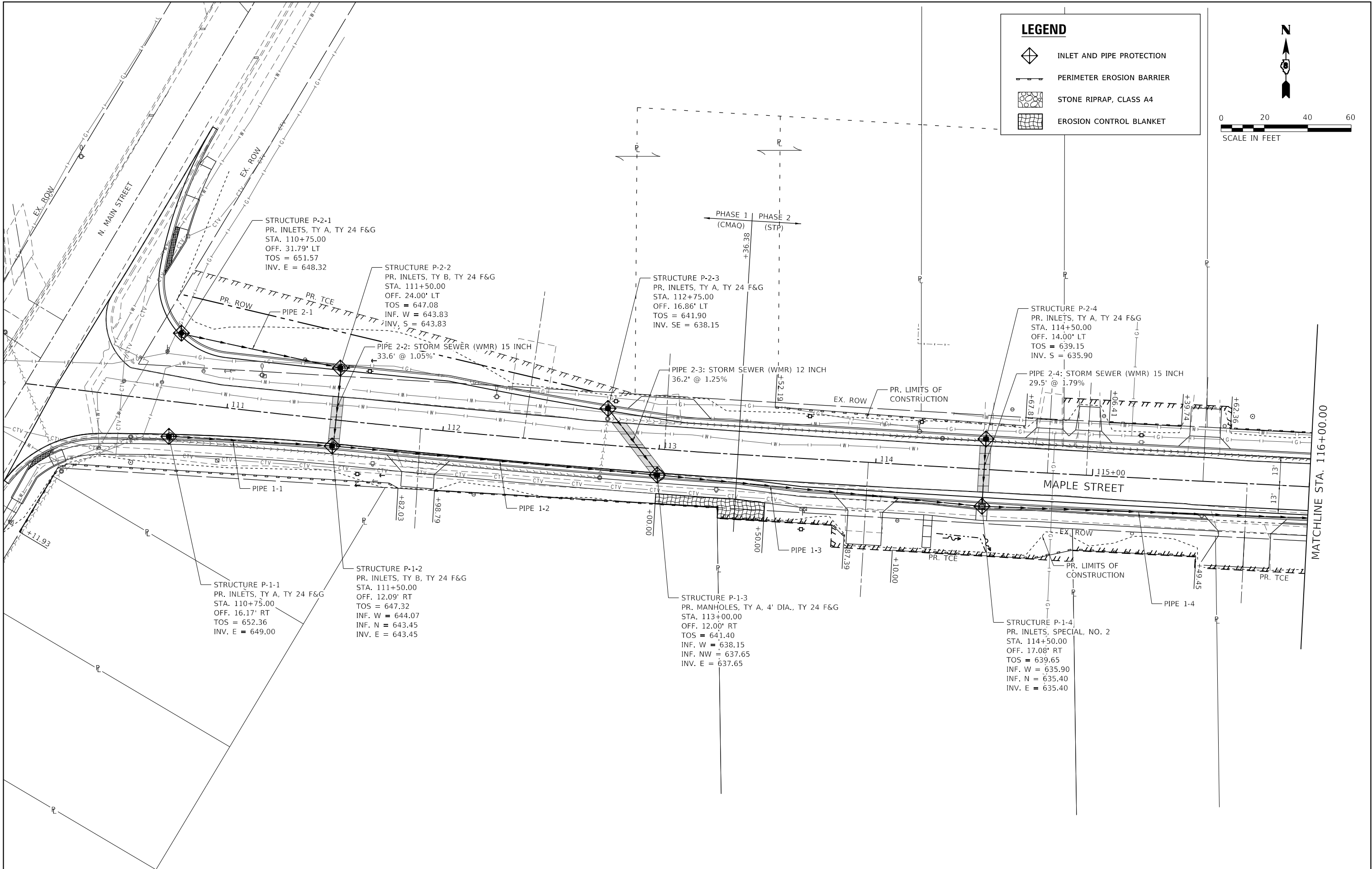
VILLAGE OF SHILOH

REMOVAL PLAN
MAPLE STREET

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 122+00.00 TO STA. 127+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	24
CONTRACT NO. 97848				

ILLINOIS FED. AID PROJECT
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MODEL: Default
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USER NAME	= efisher
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 4/16/2025

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

DRAINAGE AND EROSION CONTROL PLAN
MAPLE STREET

SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. TO STA.

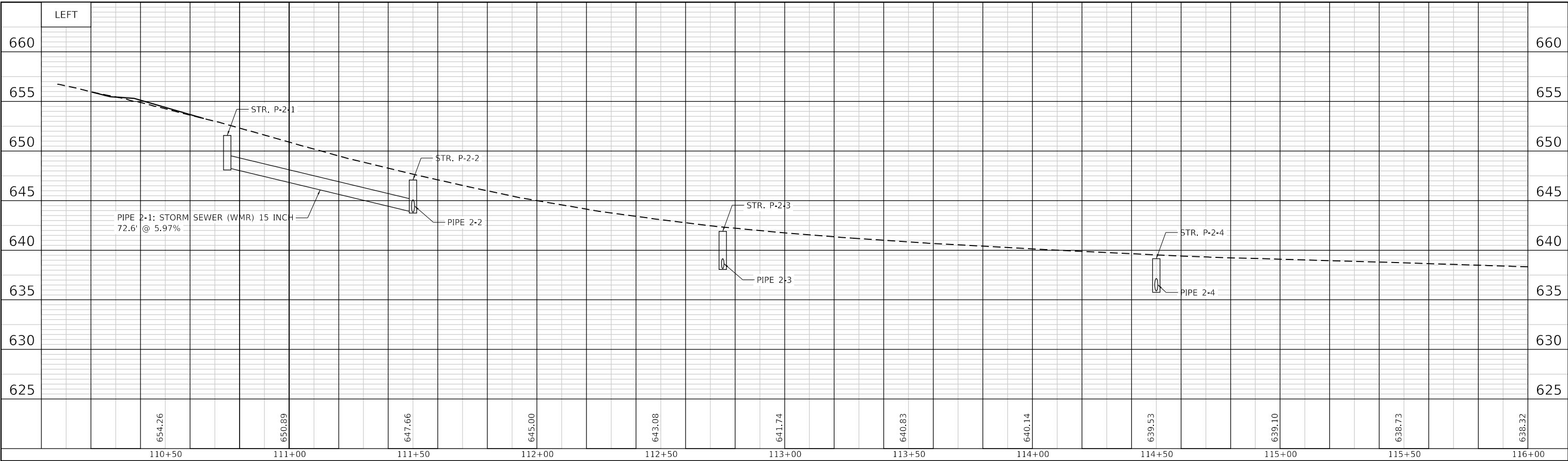
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9176	*	ST. CLAIR	70	25

CONTRACT NO. 97848

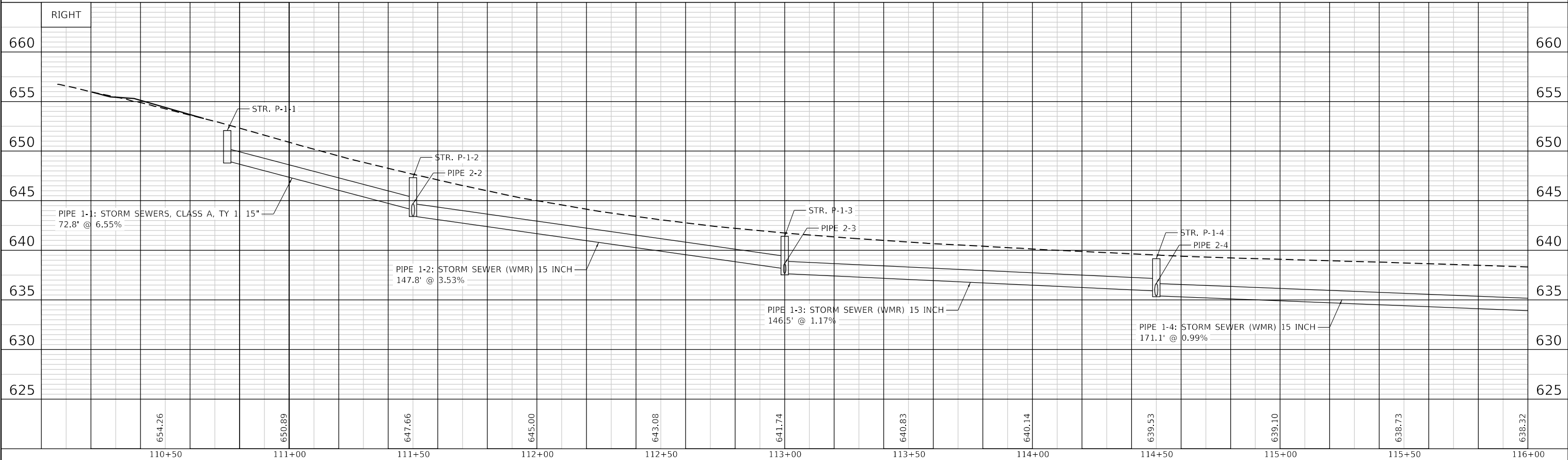
ILLINOIS FED. AID PROJECT

* 20-00021-00-PV / 21-00021-01-PV

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNMENT CHECKED	FILE NAME	CADD FILE NAME



PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED	FILE NAME	STRUCTURE NOTATIONS CHNG



MODEL: Default
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TWM, INC. www.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher	DESIGNED -	REVISED -		VILLAGE OF SHILOH	DRAINAGE AND EROSION CONTROL PROFILE MAPLE STREET		F.A.U. RTE. 9176	SECTION *	COUNTY ST. CLAIR	TOTAL SHEETS 70	SHEET NO. 26
	PLOT SCALE = 40,0000 ' / in. PLOT DATE = 4/16/2025	DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED -					SCALE: 1"=20'		SHEET 2 OF 6 SHEETS	STA. TO STA.	CONTRACT NO. 97848

ILLINOIS FED. AID PROJECT
* 20-00021-00-PV / 21-00021-01-PV

LEGEND



INLET AND PIPE PROTECTION



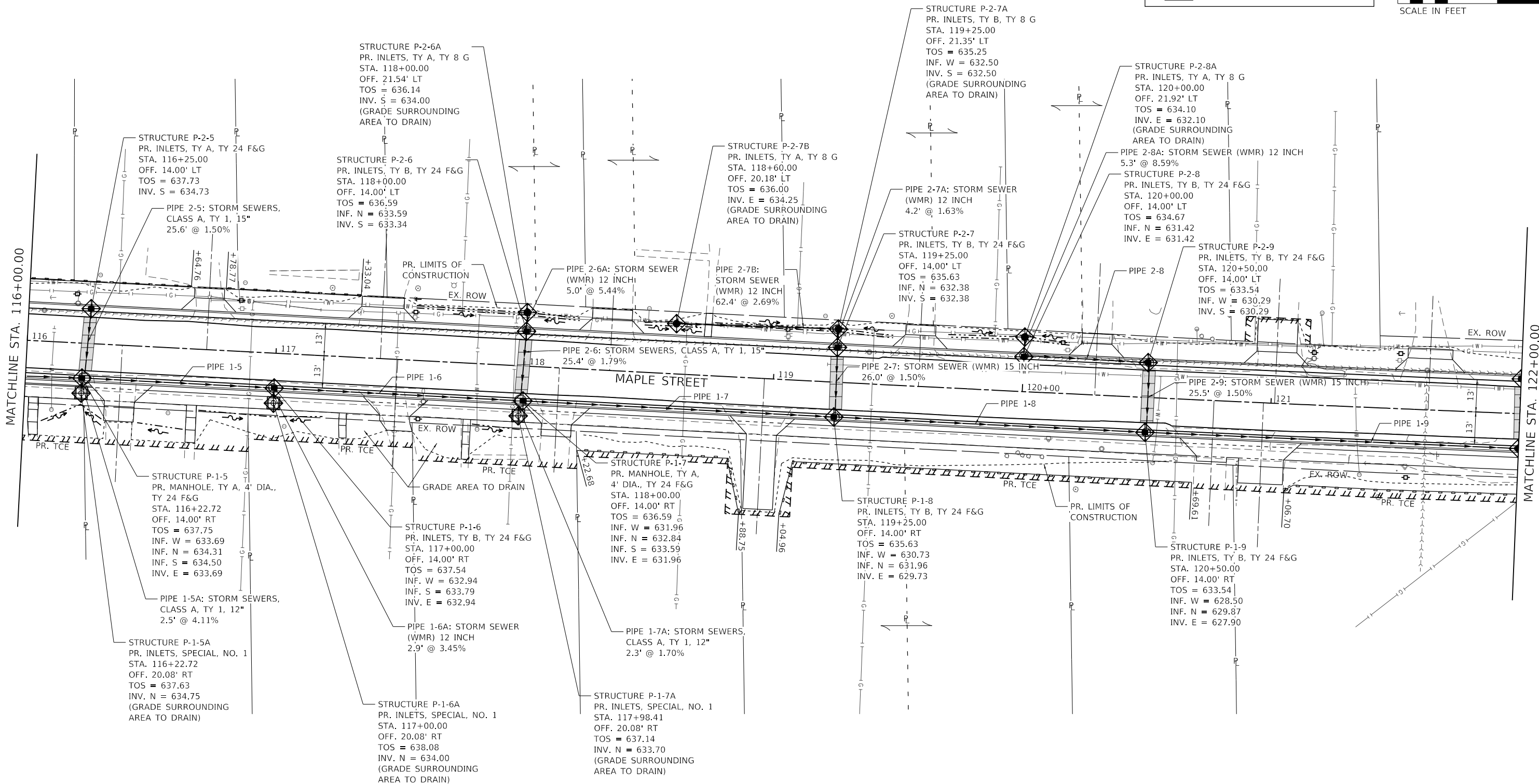
PERIMETER EROSION BARRIER



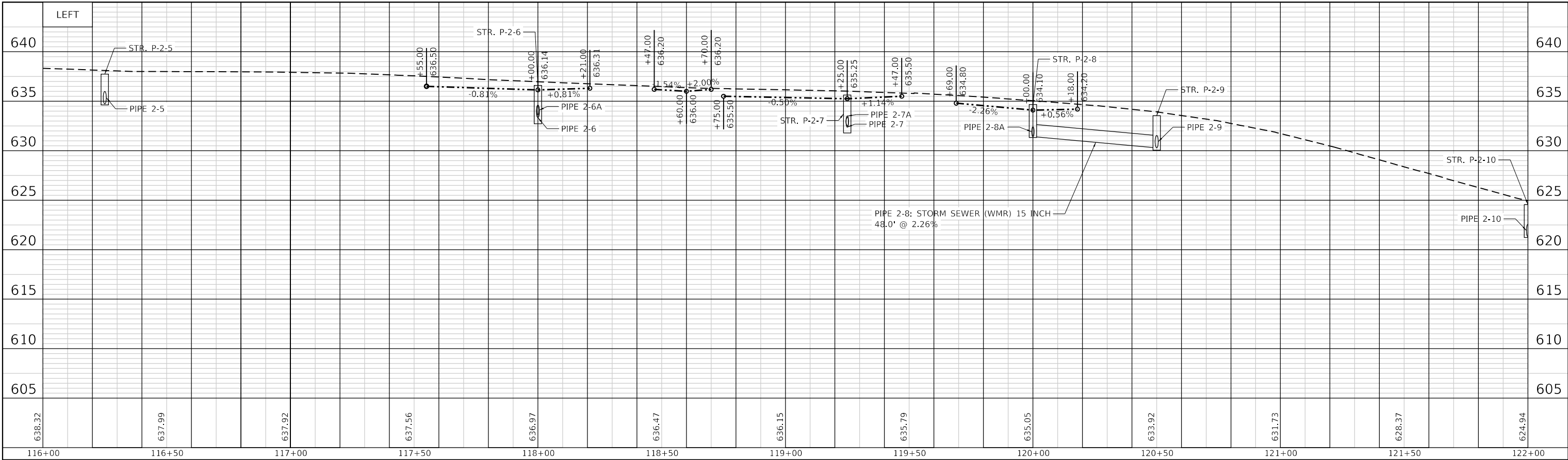
STONE RIPRAP, CLASS A4



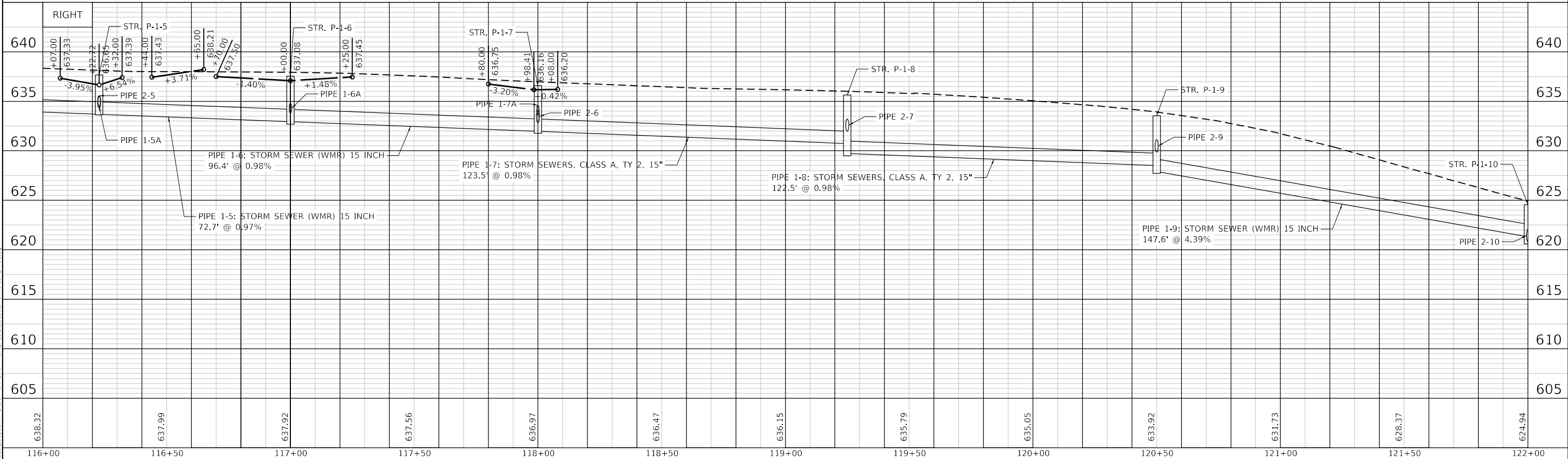
EROSION CONTROL BLANKET



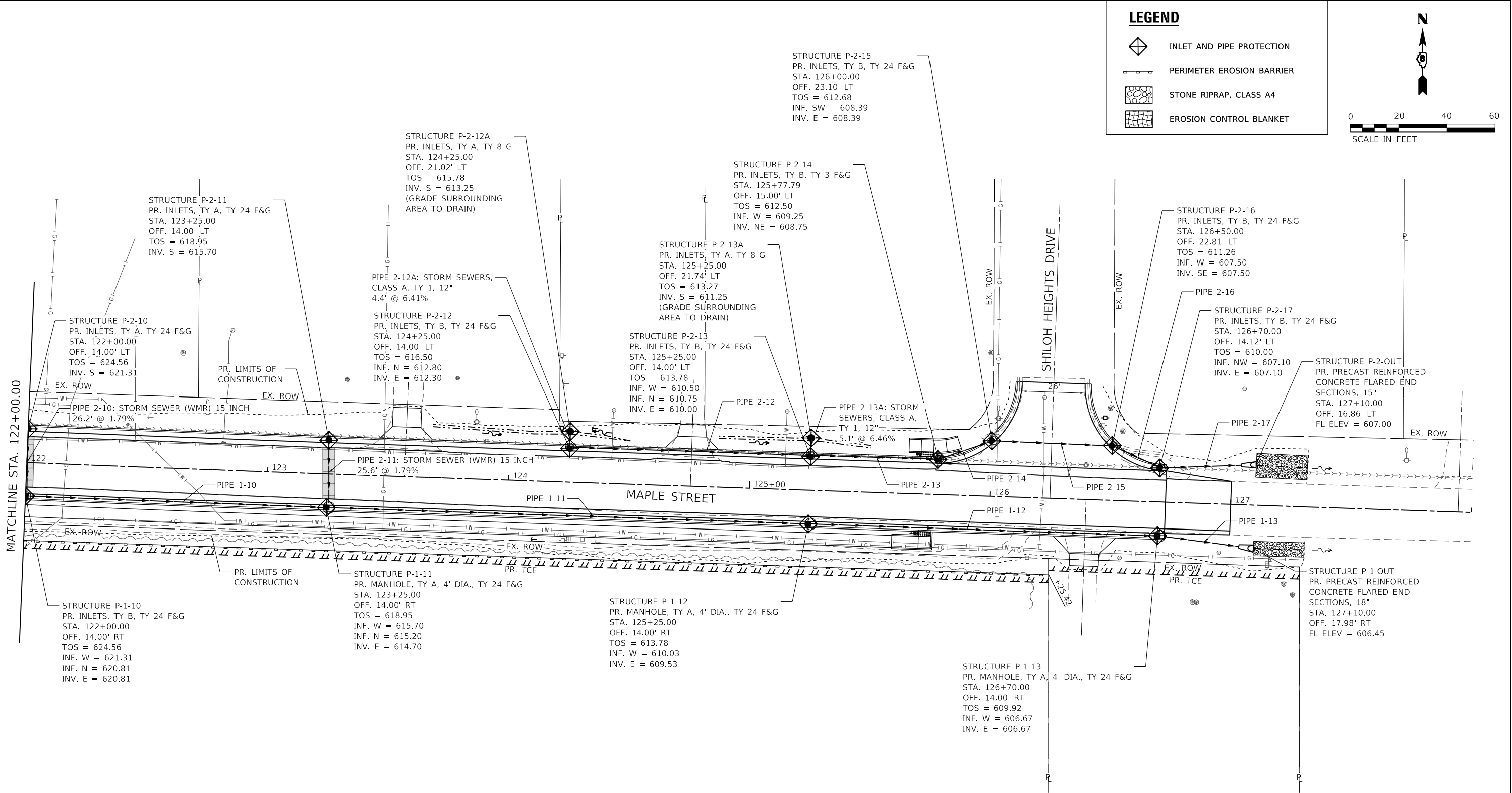
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	GRADES CHECKED		
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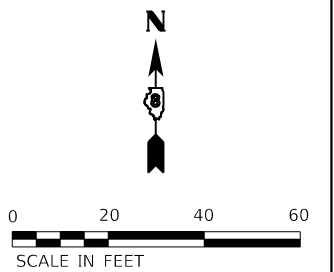


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LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE RIPRAP, CLASS A4
- EROSION CONTROL BLANKET



MODEL: Default
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PLOT DATE = 4/16/2025	DATE -	REVISED -

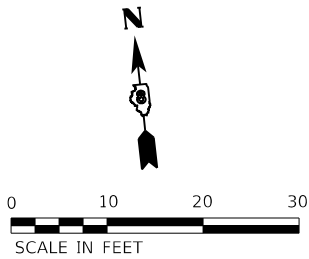


VILLAGE OF SHILOH

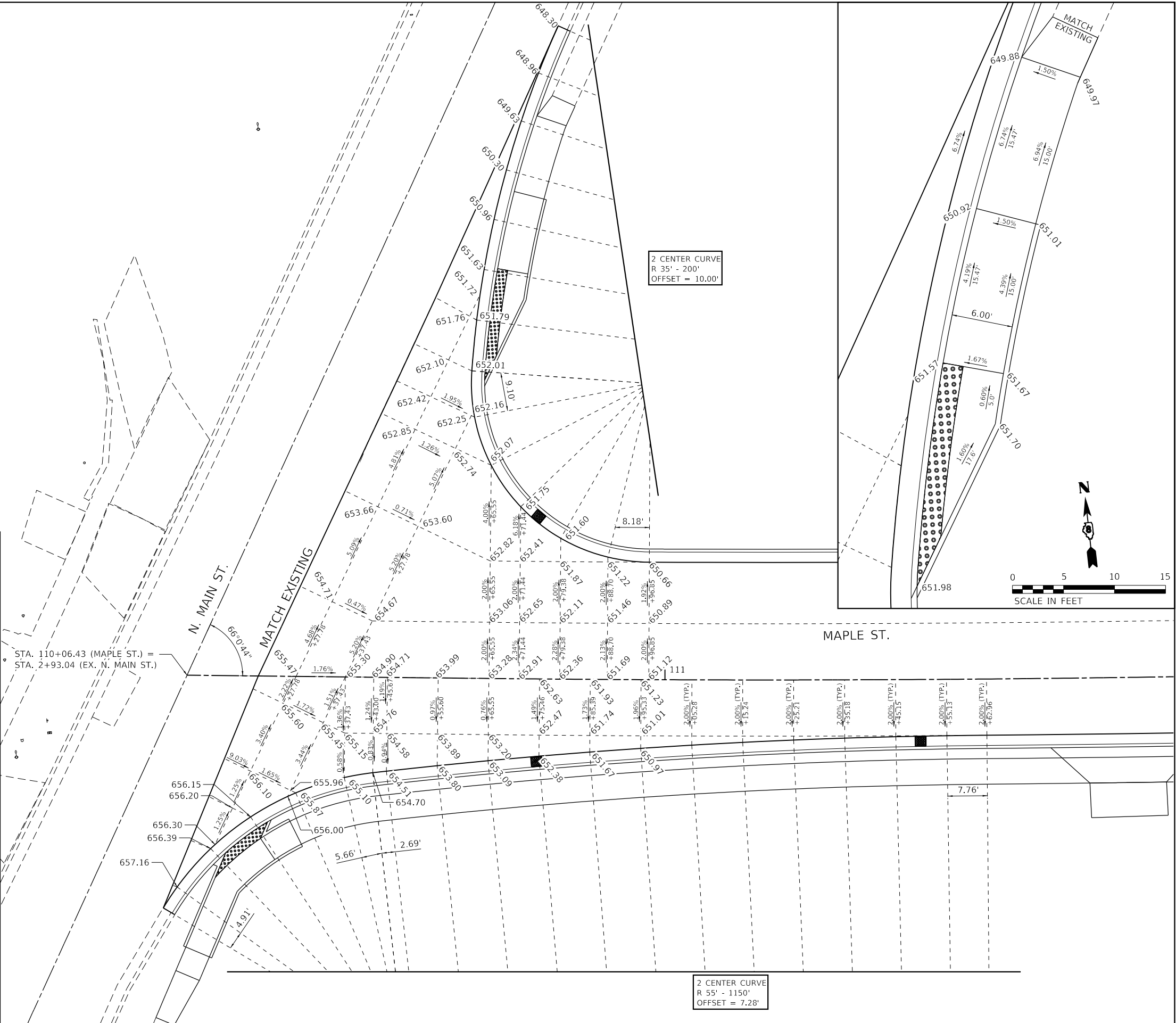
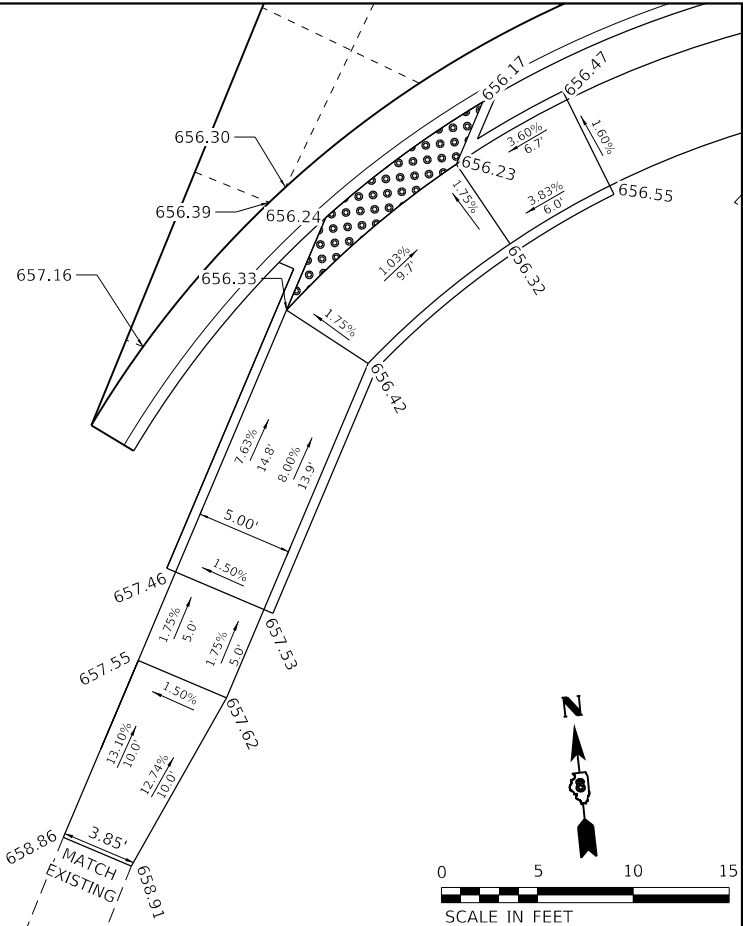
DRAINAGE AND EROSION CONTROL PLAN			
MAPLE STREET			
SCALE: 1"=20'	SHEET 5	OF 6 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	29
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

* 20-00021-00-PV / 21-00021-01-PV



NOTE: EDGE OF PAVEMENT ELEVATIONS ARE AT 10.0' INTERVALS UNLESS OTHERWISE NOTED.



MODEL: Default
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USER NAME = effisher
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DRAWN -
PLOT SCALE = 20,0000 ' / in.
CHECKED -
DATE -
PLOT DATE = 4/16/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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REVISED -



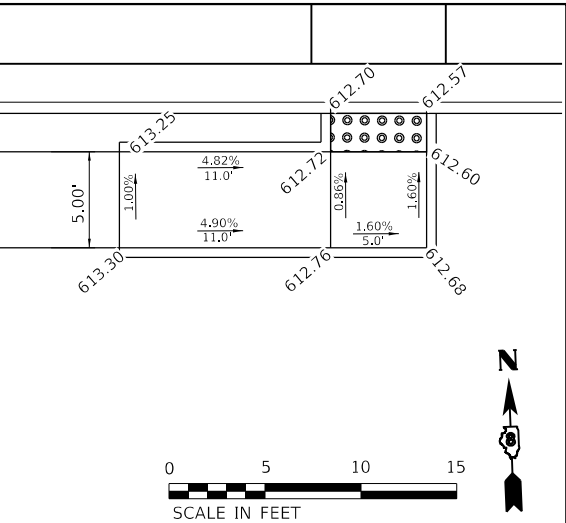
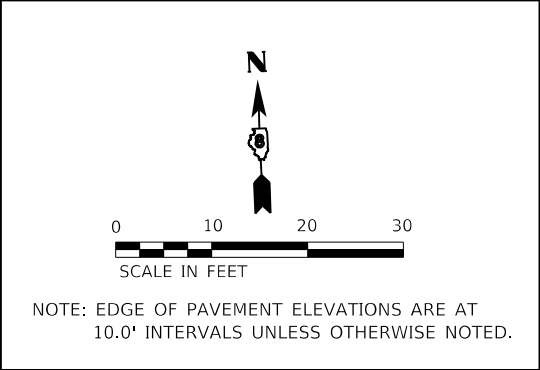
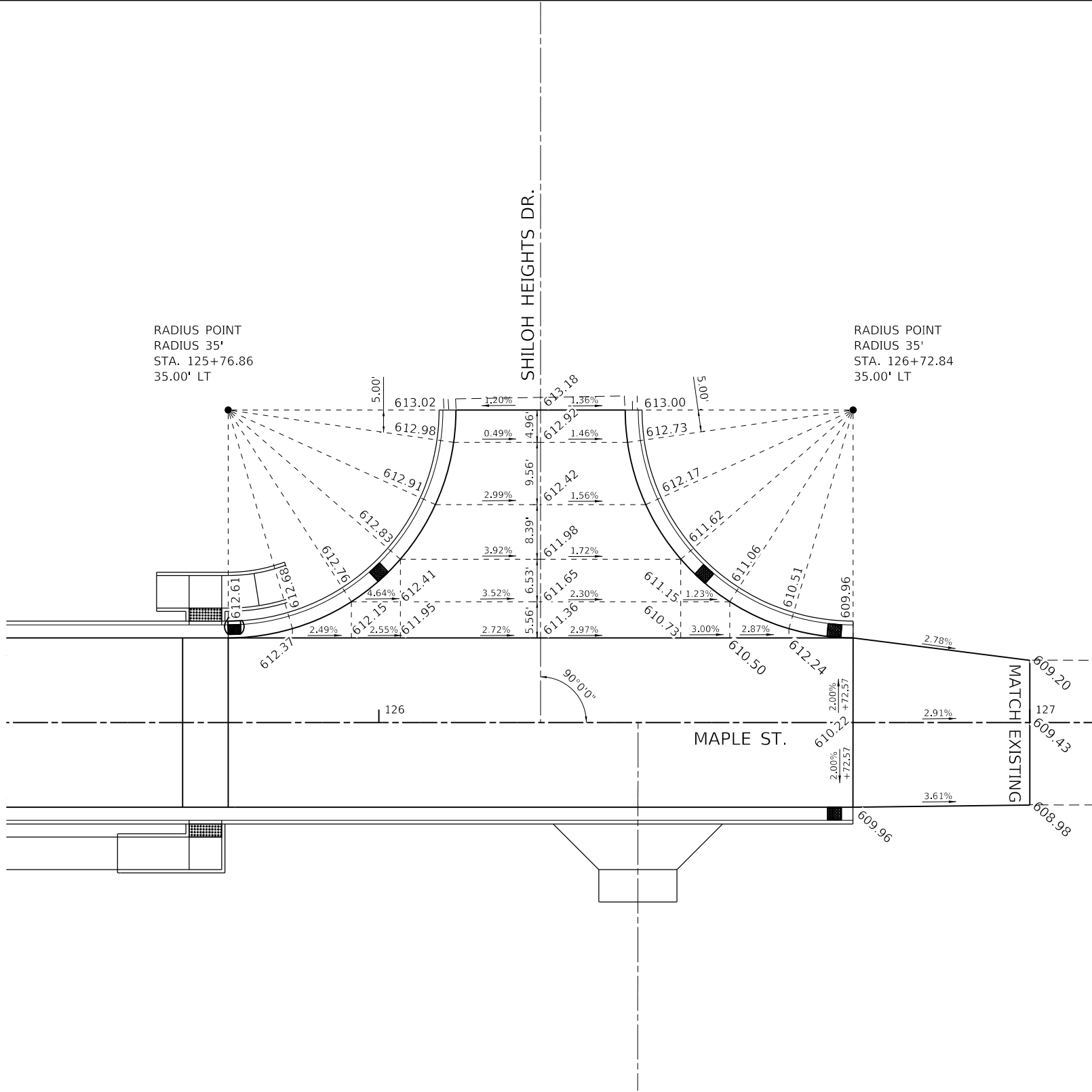
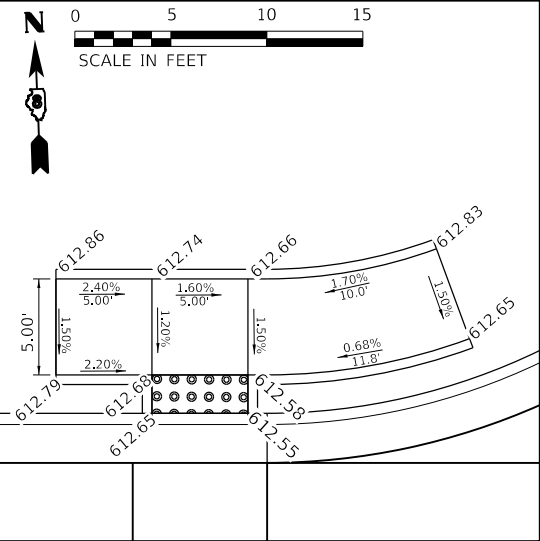
VILLAGE OF SHILOH

INTERSECTION DETAILS
N MAIN ST & MAPLE ST

SCALE: 1" = 10' SHEET 1 OF 2 SHEETS STA. 110+20.72 TO STA. 111+99.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	31
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

* 20-00021-00-PV / 21-00021-01-PV



MODEL: Default
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USER NAME = effisher
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PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 4/16/2025

REVISED -
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REVISED -



VILLAGE OF SHILOH

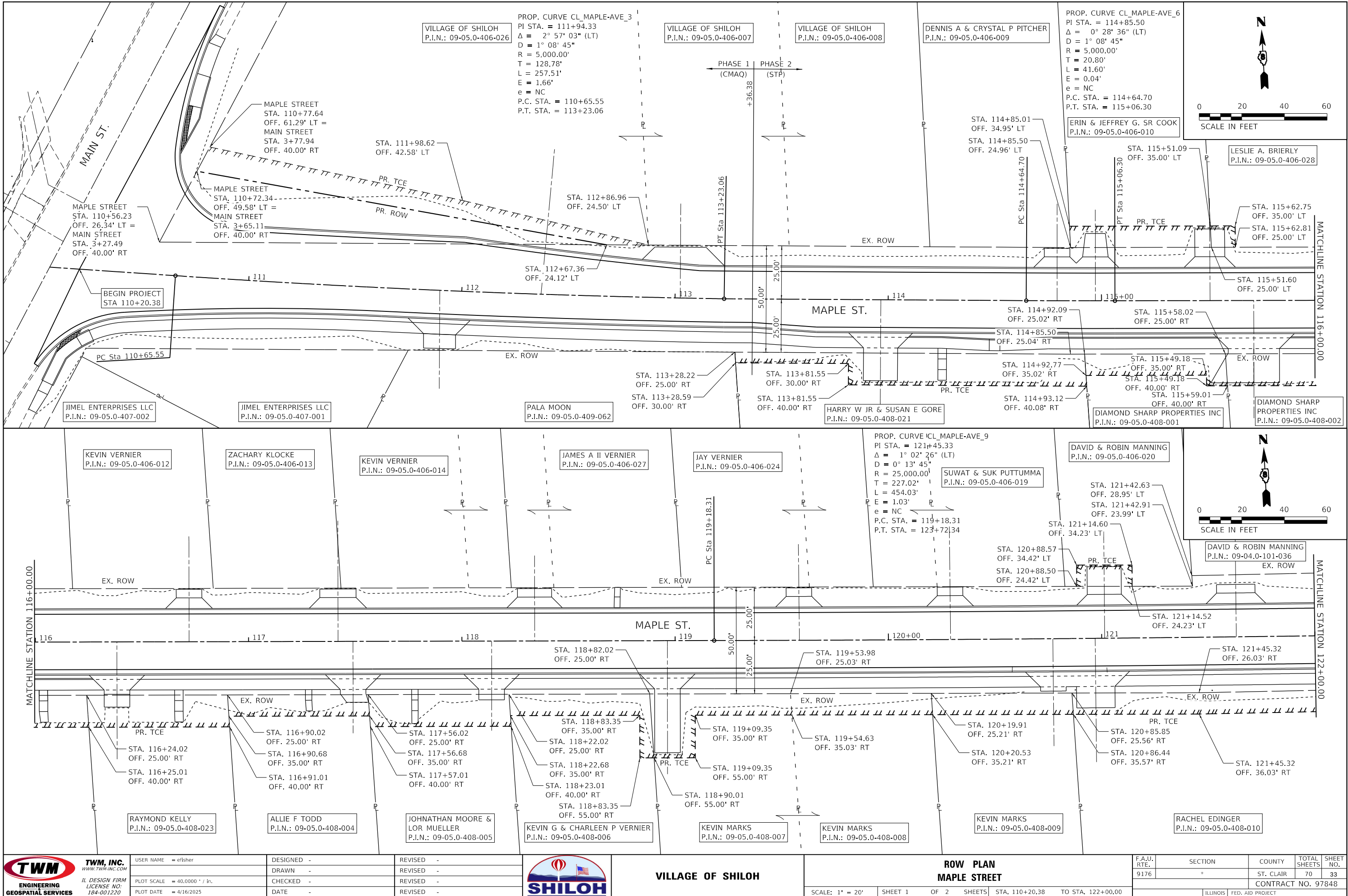
INTERSECTION DETAILS
MAPLE ST & SHILOH HEIGHTS DR

SCALE: 1" = 10' SHEET 2 OF 2 SHEETS STA. 125+45.83 TO STA. 127+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	32
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

* 20-00021-00-PV / 21-00021-01-PV

MODEL: Default
FILE NAME: P:\2020\2013\12A4 CAD - DWG\4.7 TranSheets\2013\12A-shi-row-01.dgn



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PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 4/16/2025	CHECKED -	REVISED -
	DATE -	REVISED -

JOHNATHAN MOORE & LOR MUELLER P.I.N.: 09-05.0-408-005
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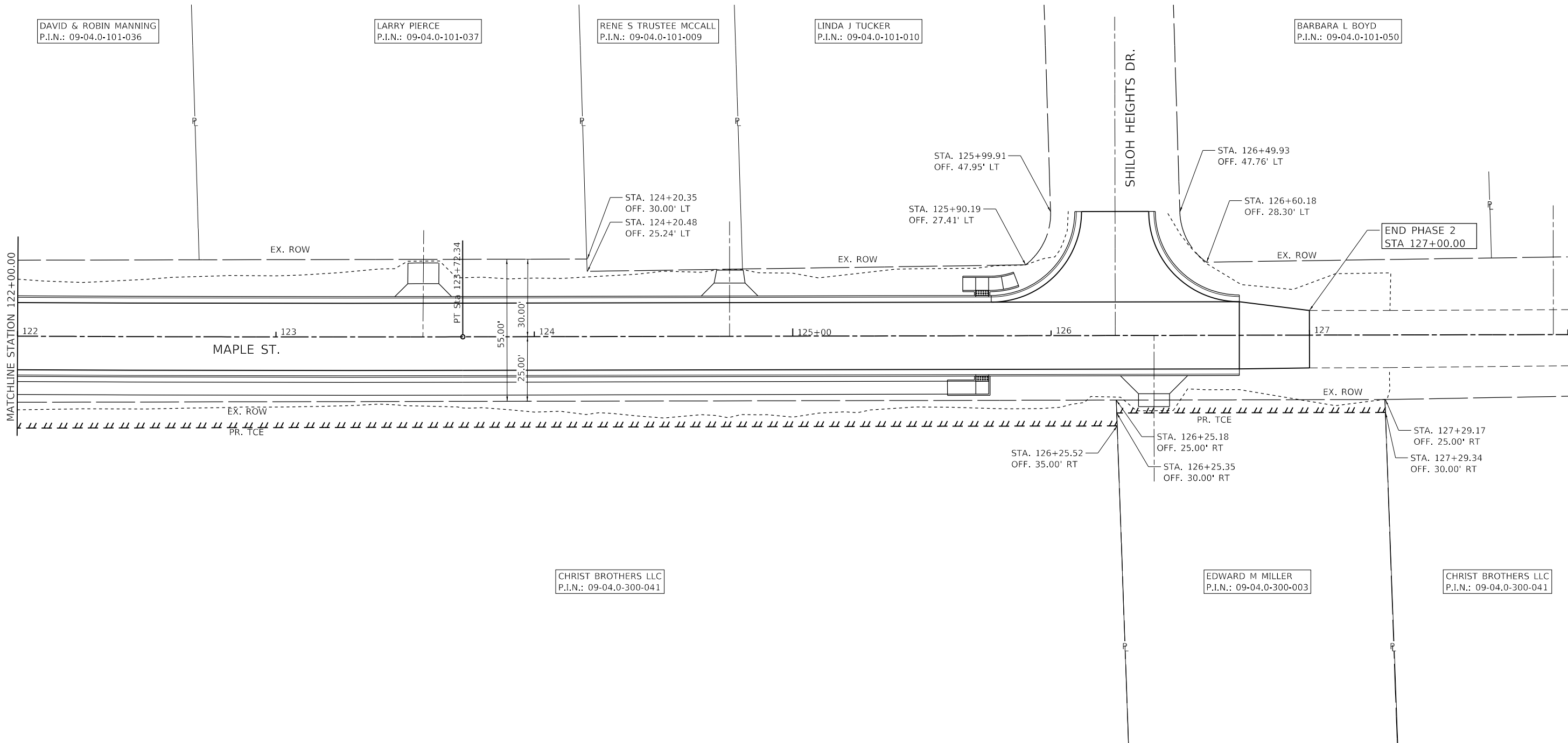
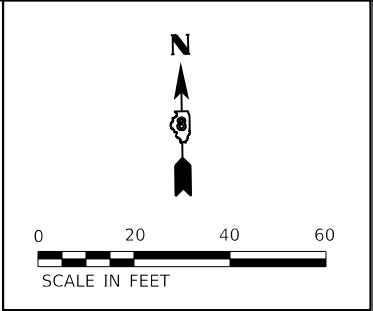
SHILOH

VILLAGE OF SHILOH

ROW PLAN MAPLE STREET			
SCALE: 1" = 20'	SHEET 1	OF 2 SHEETS	STA. 110+20.38 TO STA. 122+00.00

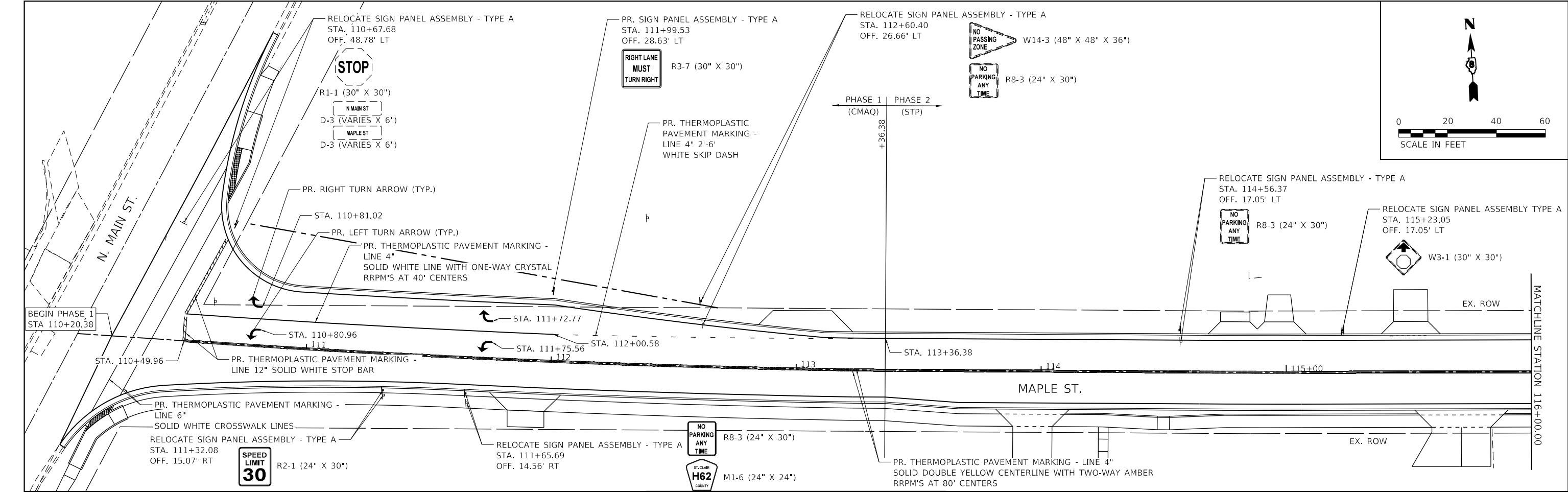
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

* 20-00021-00-PV / 21-00021-01-PV

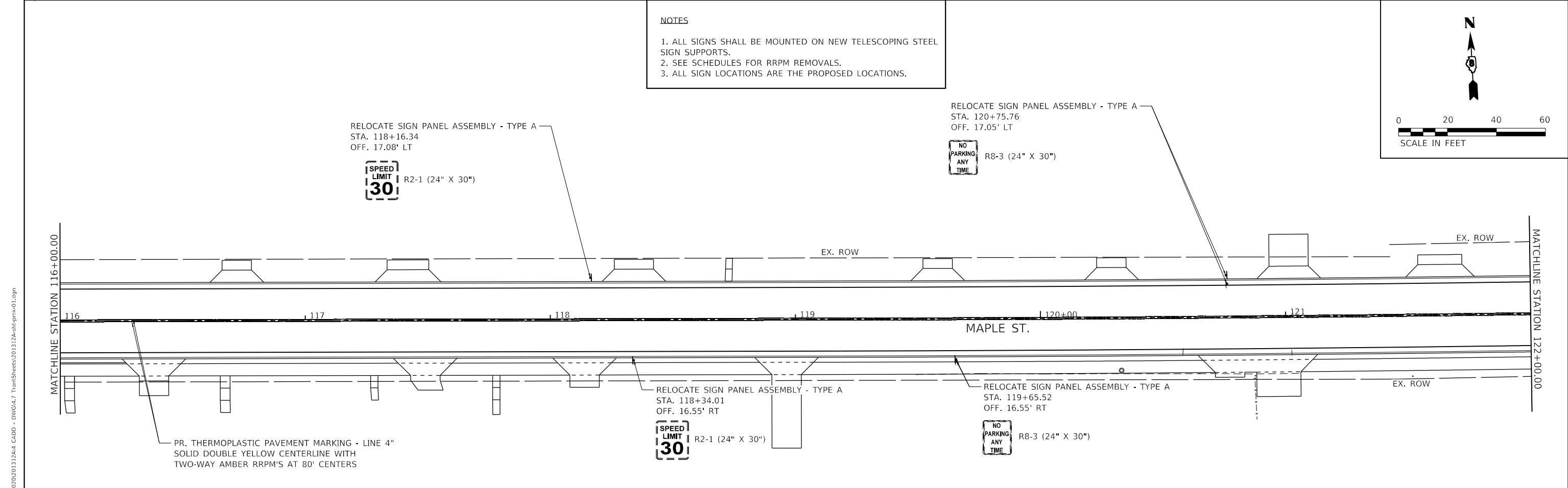


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	DRAWN -		CHECKED -	REVISED -								9176	*	ST. CLAIR	70	34
	PLOT SCALE = 40,0000 ' / in.		DATE -	REVISED -								CONTRACT NO. 97848				
	PLOT DATE = 4/16/2025											ILLINOIS FED. AID PROJECT				
SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 122+00.00 TO STA. 127+00.00																

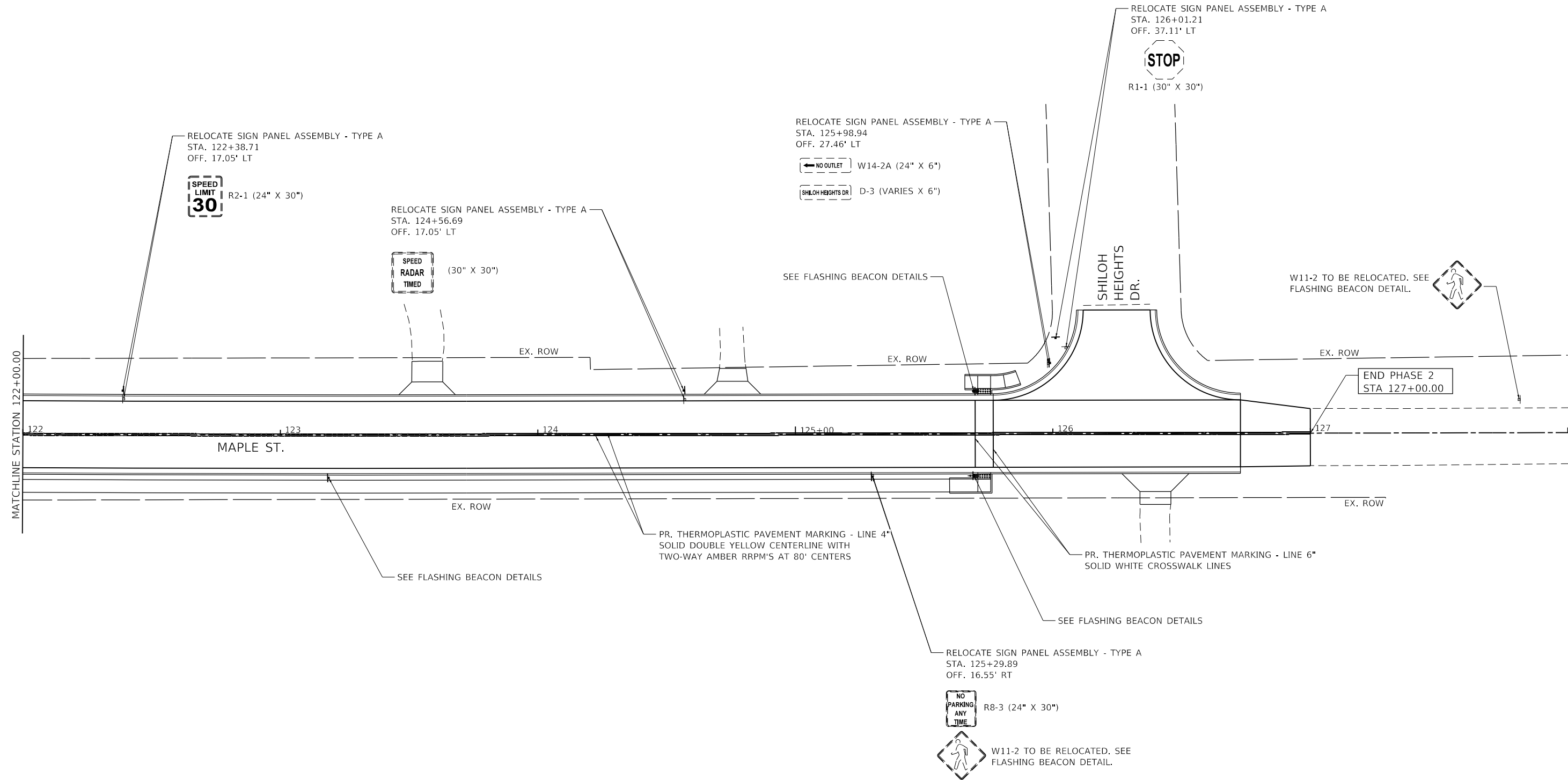


- NOTES
- 1. ALL SIGNS SHALL BE MOUNTED ON NEW TELESCOPING STEEL SIGN SUPPORTS.
 - 2. SEE SCHEDULES FOR RRPM REMOVALS.
 - 3. ALL SIGN LOCATIONS ARE THE PROPOSED LOCATIONS.



NOTES

1. ALL SIGNS SHALL BE MOUNTED ON NEW TELESCOPING STEEL SIGN SUPPORTS.
2. SEE SCHEDULES FOR RRPM REMOVALS.
3. ALL SIGN LOCATIONS ARE THE PROPOSED LOCATIONS.



MODEL: Default
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VILLAGE OF SHILOH

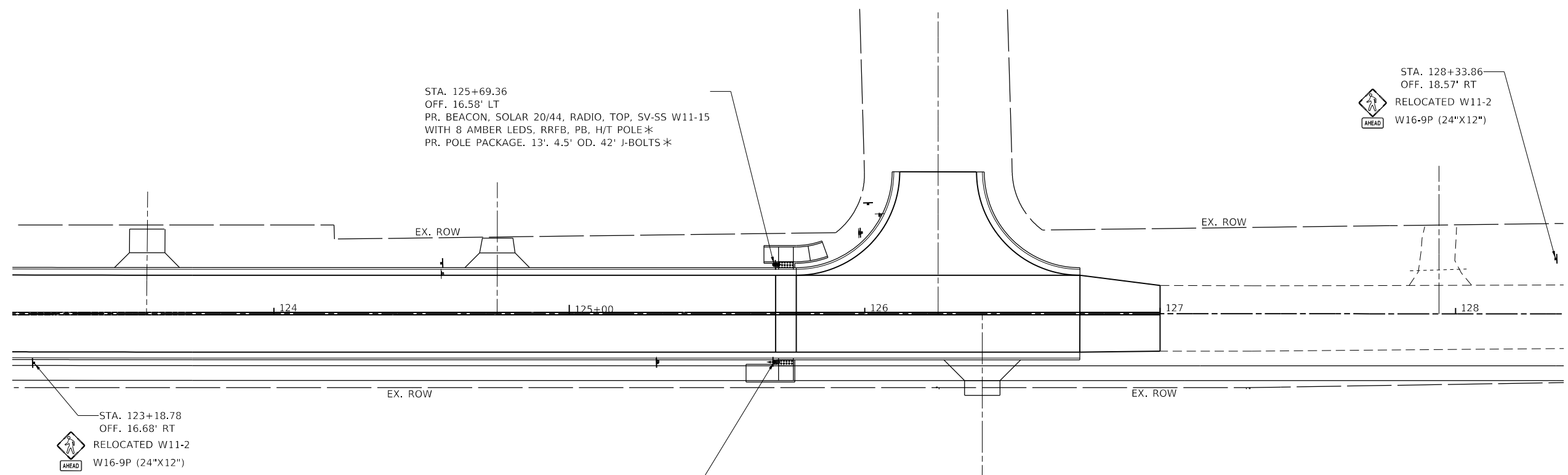
PAVEMENT MARKING AND SIGNAGE
MAPLE STREET

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 122+00.00 TO STA. 127+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

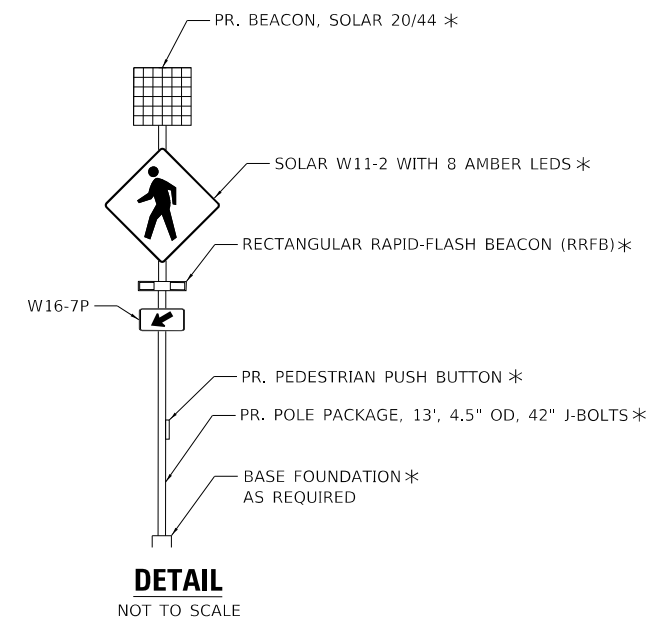
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STA. 125+69.36
OFF. 16.33' RT
PR. BEACON, SOLAR 20/44, RADIO, TOP, SV-SS W11-15
WITH 8 AMBER LEDS, RRFB, PB, H/T POLE *
PR. POLE PACKAGE, 13'. 4.5' OD, 42' J-BOLTS *

STA. 128+33.86
OFF. 18.57' RT
RELOCATED W11-2
W16-9P (24\"X12\")



*INCLUDED IN THE COST OF SOLAR-POWERED FLASHING
BEACON ASSEMBLY (COMPLETE). SEE SPECIAL PROVISIONS.



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PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/16/2025	DATE -	REVISED -



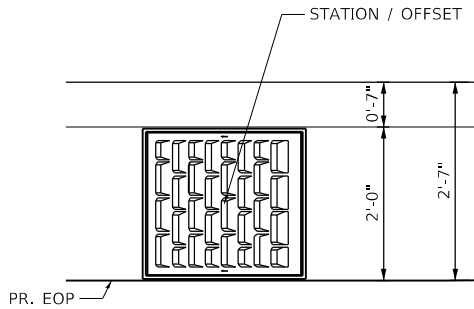
VILLAGE OF SHILOH

FLASHING BEACON DETAIL

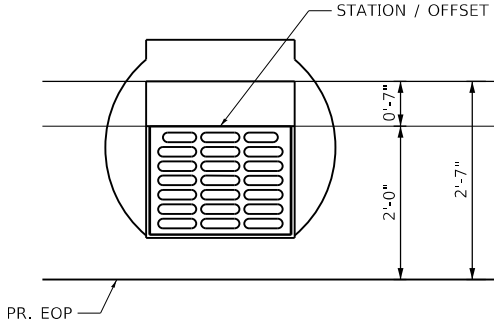
SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	37
CONTRACT NO. 97848				

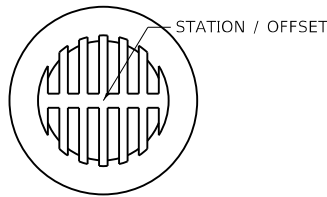
ILLINOIS FED. AID PROJECT
* 20-00021-00-PV / 21-00021-01-PV



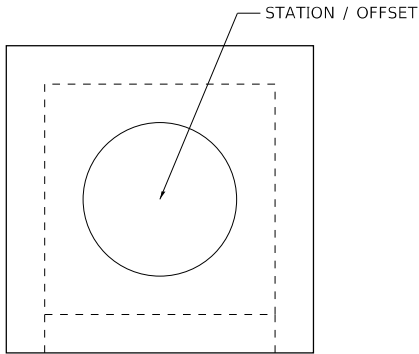
TYPE 24 FRAME AND GRATE
TOS=AT GUTTER FLOW LINE



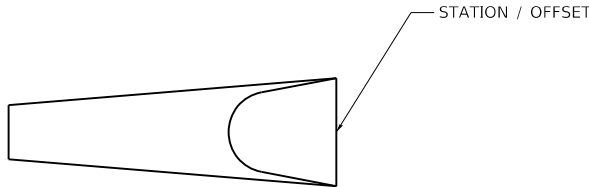
TYPE 3 FRAME AND GRATE
TOS=AT GUTTER FLOW LINE



TYPE 8 GRATE
TOS=AT FLOW LINE OF GRATE

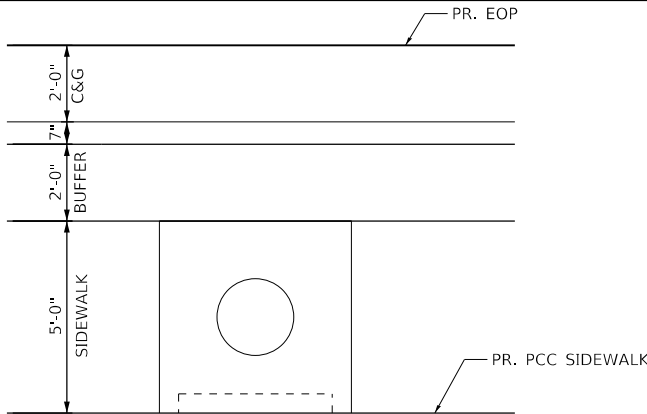


INLETS, SPECIAL
TOS=AT CENTER OF LID

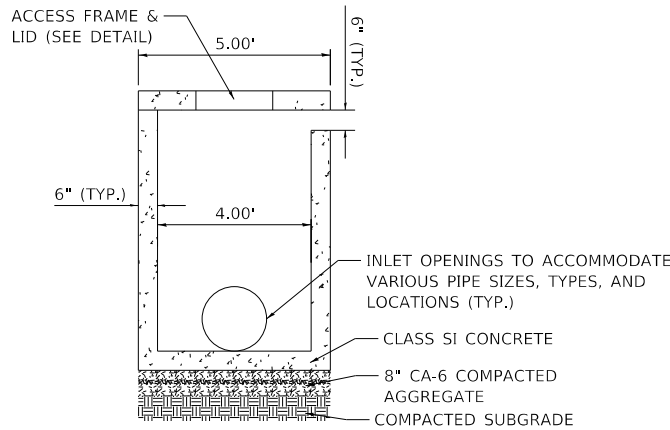


**PRECAST REINFORCED CONCRETE
FLARED END SECTION**

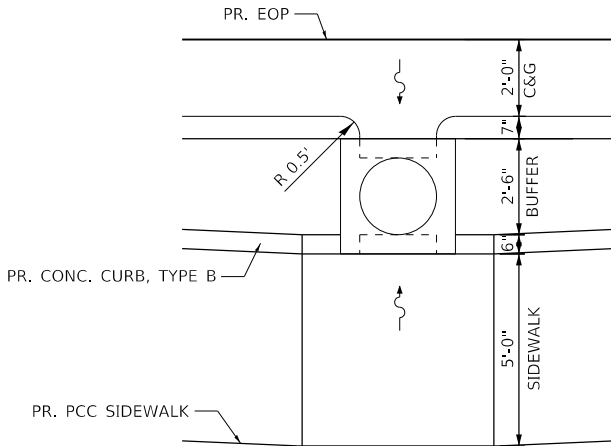
DRAINAGE CALLOUTS



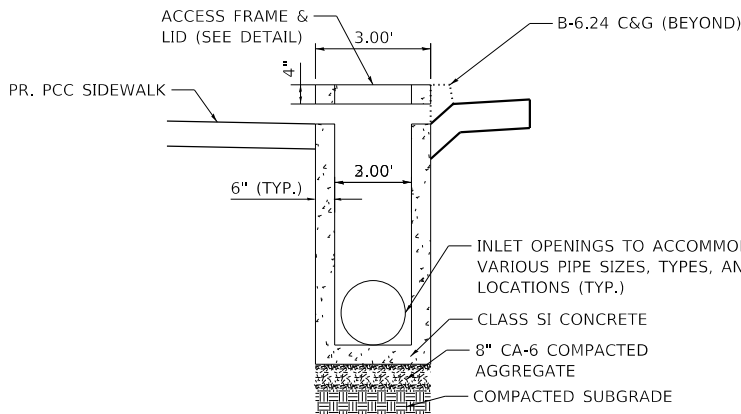
PLAN VIEW



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



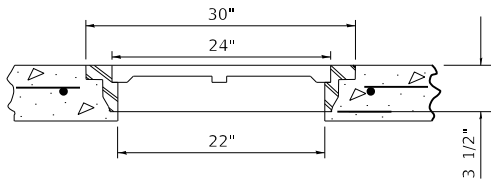
PLAN VIEW



INLETS, SPECIAL, NO. 2
OPEN THROAT INLET WITH 2 OPENINGS

NOTES:

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



ACCESS FRAME AND CLOSED LID

MODEL: Default
FILE NAME: P:\2020\2013\12A4 CAD - DWG\4.7 Tran\Sheets\2013\12A-shi-misc-dt10.dgn



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

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 40,0000 ' / in.
CHECKED -
PLOT DATE = 4/16/2025
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF SHILOH

MISCELLANEOUS DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9176	*	ST. CLAIR	70	38
CONTRACT NO. 97848				
ILLINOIS FED. AID PROJECT				

* 20-00021-00-PV / 21-00021-01-PV

