

09-18-2026 LETTING ITEM 085

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

CMAQ FUNDS
FAU ROUTE 9170
NORTH GREEN MOUNT ROAD
SECTION 22-00022-00-PW
SCC SECTION 23-00333-22-PW
PROJECT I3MI(775)
PAVEMENT WIDENING
& STRUCTURE REPLACEMENT
ST. CLAIR COUNTY
C-98-036-25

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	1
ILLINOIS			CONTRACT NO. 97892	

INDEX OF SHEETS

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FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

DESIGN DESIGNATION

FAU 9170 (NORTH GREEN MOUNT ROAD)

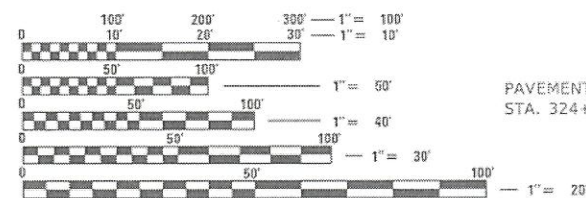
ROADWAY CLASSIFICATION = MINOR ARTERIAL

DESIGN SPEED = 45 MPH

ADT (2021) = 18,200 VPD

ADT (2044) = 22,207 VPD

BRIDGE REPLACEMENT OVER RICHLAND CREEK
EX. STRUCTURE NO. 082-4121
PR. STRUCTURE NO. 082-3116
STA. 332+17.06
172'-5" BACK TO BACK ABUTMENTS

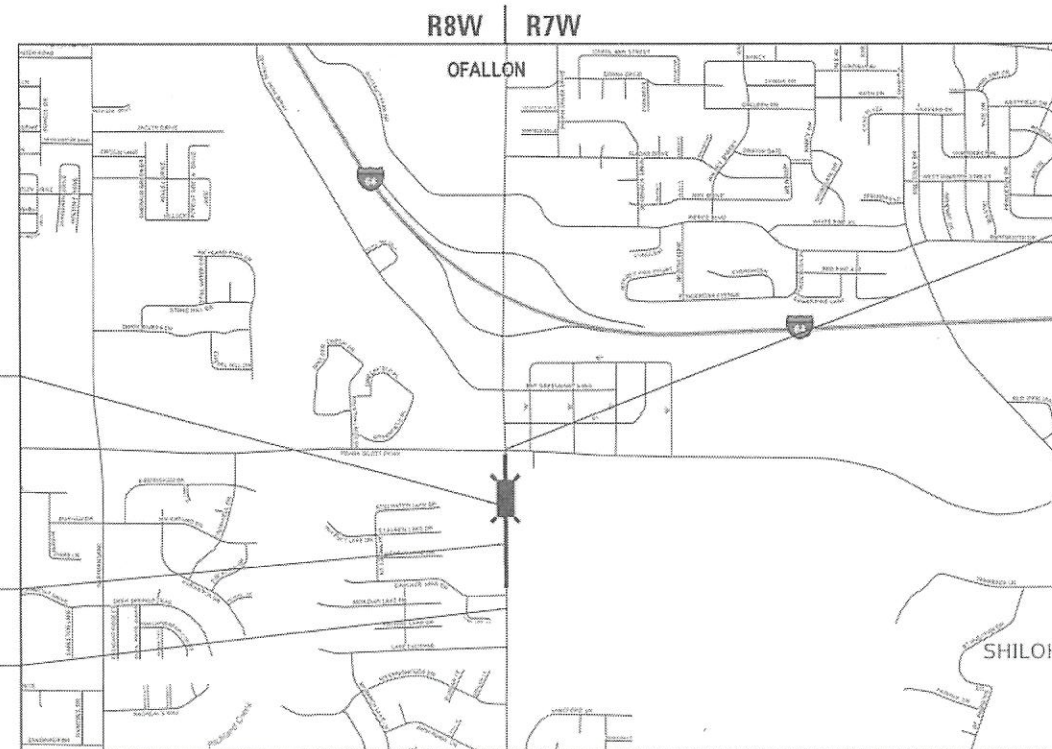


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PLANS PREPARED BY:

TWM
ENGINEERING
GEOSPATIAL SERVICES
4940 Old Collinsville Road
Swansea, Illinois 62226
Tel: 618.624.4488
www.twm-inc.com
ILLINOIS - MISSOURI - TENNESSEE
Illinois Professional
Design Firm
No. 184-001220
License Expires: 04/30/2027



END PROJECT
STA. 340+11.22

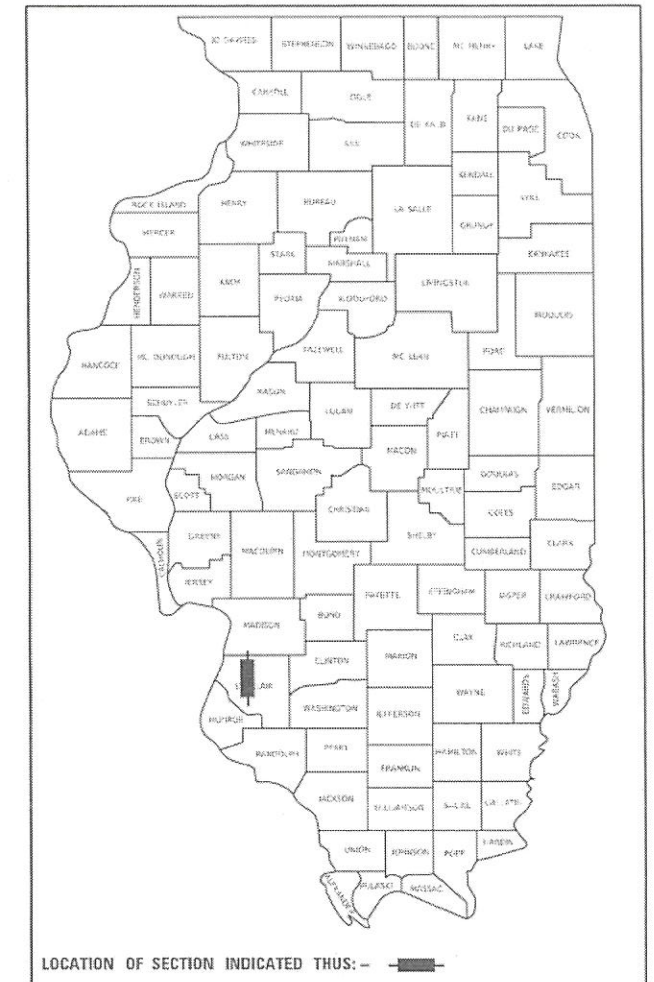
T2N
T1N

1" = 0.5 MI



Brandon W. Poiter Signed: 3/6/2026
BRANDON W. POITER, P.E., S.E. EXPIRATION DATE
LICENSE NO. 081-006327 11-30-2026
SHEETS 130-168

Joshua W. Stein Signed: 3/6/2026
JOSHUA W. STEIN, P.E. EXPIRATION DATE
LICENSE NO. 062-062775 11-30-2027
SHEETS 1-129; 169-200



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
RELEASED FOR BID BASED ON LIMITED REVIEW	4/6 20 26 <i>Norman Ellis</i> ST. CLAIR COUNTY ENGINEER
APPROVED	March 9 20 26 <i>Robert L. Williamson</i> MAYOR VILLAGE OF SHILOH
PASSED	4/8 20 26 <i>R. Myers</i> DISTRICT 8 ENGINEER LOCAL ROADS & STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	4/8 20 26 <i>Corrie Nelson</i> REGION FIVE ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

1.

ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
2.

HORIZONTAL CONTROL IS BASED ON THE STATE PLANE COORDINATE SYSTEM.
3.

THE CONTRACTOR SHALL NOTIFY THE ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES AT LEAST TWO WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
4.

ALL CONSTRUCTION SIGNS SHALL BE 48" FLUORESCENT ORANGE.
5.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
6.

PRIOR TO CONSTRUCTING ANY ENTRANCE, THE PROPERTY OWNER WILL BE NOTIFIED IN WRITING, INFORMING THEM OF CONSTRUCTION AND ESTIMATED DATES CONSTRUCTION WILL TAKE PLACE.
7.

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.
8.

ANY EXCAVATION ADJACENT TO EDGE OF PAVEMENTS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
9.

EVERY TREE SHALL BE SAVED, IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER. THE ENGINEER SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.
10.

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS. IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURAL (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.
11.

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 WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN EARTH EXCAVATION AND/OR FURNISHED EXCAVATION.
12.

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.
13.

THE WORK DESCRIBED ON THE EROSION CONTROL AND SEDIMENT CONTROL SHEETS IS AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN THE NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
14.

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/MANHOLE.
15.

SEE DETAILS FOR STATION/OFFSET REFERENCES FOR VARIOUS TYPES OF DRAINAGE STRUCTURES INCLUDED ON THE CONTRACT.
16.

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.

GENERAL NOTES

17.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
18.

THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE PROPOSED SIDEWALK AND ADJOINING RAMPS IN ACCORDANCE WITH APPLICABLE ADA STANDARDS.
19.

ALL DETECTABLE WARNING PANELS SHALL BE ADA ARCIS TACTILE, CONCRETE.
20.

ALL DETECTABLE WARNING PANELS SHALL BE PLACED IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARDS.
21.

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.
22.

LAYOUT OF RIPRAP MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.
23.

EXISTING UNDERGROUND AND ABOVE-GRADE UTILITY STRUCTURES AND FACILITIES HAVE BEEN PLOTTED ON THESE PLANS BASED ON INFORMATION OBTAINED FROM THE UTILITY COMPANIES AND TOPOGRAPHIC SURVEYS CONDUCTED DURING DESIGN. THE LOCATIONS OF THESE FEATURES MUST BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES WHICH DID NOT EXIST OR WHERE 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.
24.

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 ADDTIONAL INFORMATION:

AMEREN IP

AT&T

CHARTER COMMUNICATIONS

ILLINOIS AMERICAN WATER CO.

CLEARWAVE COMMUNICATIONS

CASEYVILLE TOWNSHIP
25.

OFFSET - = LT
OFFSET + = RT
26.

ALL EXISTING SIGNAGE THAT IS TO BE REMOVED SHALL BE GIVEN TO THE ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES UNLESS THE SIGNS ARE TO BE REINSTALLED AS PART OF THE PROJECT.
27.

THE CONTRACTOR SHALL BE AWARE THAT THE FOLLOWING PROJECT ADJACENT TO THE LIMITS OF THIS CONTRACT SECTION MAY BE UNDER CONSTRUCTION AND CONSTRUCTION ACTIVITIES MAY NEED TO BE COORDINATED:

CONTRACT NO. 97873, FAU ROUTE 9170 (CH 89),

SECTION 16-00333-17-PW
- APPLICATION RATES
- THE FOLLOWING RATES OF APPLICATION WERE UTILIZED TO CALCULATE CONTRACT QUANTITIES:
- | | |
|--------------------------------------|-------------|
| AGGREGATES (SURFACE, BASE, BACKFILL) | 2.10 TON/CY |
| RIPRAP | 1.5 TON/CY |
| 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 |
- | | |
|-----------|---|
| 000001-09 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 420001-11 | PAVEMENT JOINTS |
| 420101-07 | 24' (7.2 m) JOINTED PCC PAVEMENT |
| 420111-04 | PCC PAVEMENT ROUNDOUTS |
| 420401-13 | PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB |
| 420701-03 | PAVEMENT WELDED WIRE REINFORCEMENT |
| 424006-06 | DIAGONAL CURB RAMPS FOR SIDEWALKS |
| 424011-05 | CORNER PARALLEL CURB RAMPS FOR SIDEWALKS |
| 515001-04 | NAME PLATE FOR BRIDGES |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 602301-04 | INLET - TYPE A |
| 602306-03 | INLET - TYPE B |
| 602401-07 | PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER |
| 602402-03 | PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER |
| 602601-06 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 602701-02 | MANHOLE STEPS |
| 604001-05 | FRAME AND LIDS TYPE 1 |
| 604006-05 | FRAME AND GRATE TYPE 3 |
| 604036-03 | GRATE TYPE 8 |
| 604091-05 | FRAME AND GRATE, TYPE 24 |
| 606001-09 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 630001-13 | STEEL PLATE BEAM GUARDRAIL |
| 630116 | BACK SIDE PROTECTION OF GUARDRAIL |
| 631031-18 | TRAFFIC BARRIER TERMINAL, TYPE 6 |
| 640001-01 | SIGHT SCREEN CHAIN LINK FENCE |
| 701001-02 | OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701011-04 | OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701306-04 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH |
| 701326-04 | LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701502-09 | URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE |
| 701602-10 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-11 | TRAFFIC CONTROL DEVICES |
| 704001-08 | TEMPORARY CONCRETE BARRIER |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-04 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |
| 782006-01 | GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS |
| BLR 21-9 | TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS |
- COMMITMENTS
1.

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

2.

A LOAD RATING SHALL BE PROVIDED TO THE BUREAU OF BRIDGES AND STRUCTURES (BBS) PRIOR TO BEGINNING CONSTRUCTION. IF MODIFICATION TO LOAD CAPACITY IS REQUIRED, PROVIDE A SLRS/RATING SUBMITTAL FOR CONCURRENCE BEFORE ALL STAGED CONSTRUCTION, INCLUDING THE FINAL CONFIGURATION.

3.

ILLINOIS AMERICAN WATER COMPANY IS IN THE PROCESS OF INSTALLING A NEW WATER MAIN ALONG GREEN MT. RD. BETWEEN CASCADE LAKE DRIVE AND 1095 N. GREEN MT RD. IAWC WILL INSTALL A TAP AND SERVICE METER FOR PARCEL 08-01.0-200-012 (REICHEL). THIS CONTRACT INCLUDES QUANTITY FOR WATER SERVICE LINE TO BE INSTALLED BETWEEN THE METER AND THE RESIDENCE. WORK TO BE AT THE DIRECTION OF THE ENGINEER.

4.

THE REICHEL PROPERTY IS CURRENTLY SERVED BY A WELL LOCATED AT STATION 325+60. THE OWNERS ARE IN THE PROCESS OF OBTAINING WATER SERVICE FROM ILLINOIS AMERICAN WATER COMPANY. UNTIL SUCH WATER SERVICE IS OPERATIONAL, THE CONTRACTOR SHALL RESTRICT OPERATIONS IN AND AROUND THE EXISTING WELL TO AVOID ANY DAMAGE TO OR INTERFERENCE WITH ITS OPERATION. SHOULD ANY INTERFERENCE OR DAMAGE OCCUR, THE CONTRACTOR SHALL REMEDY THE SITUATION AT ITS SOLE EXPENSE.

5.

THE CONTRACTOR SHALL NOT USE ANY ADJACENT PARKING LOTS FOR PARKING OR STORAGE WITHOUT WRITTEN PERMISSION FROM THE PROPERTY OWNER.
- MODEL Dwg.rvt
FILE NAME: 12/02/2021\211364A4 CADD - DWG\47 Tran\CADD Sheets\211364A-shr_gennotes.dgn
-
- TWM, INC.**
www.twm-inc.com

IL DESIGN FIRM
LICENSE NO:
184-001220
- | | | |
|-----------------------------|------------|-----------|
| USER NAME = efisher | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 2,0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 6/10/2026 | DATE - | REVISED - |
-
- VILLAGE OF SHILOH
- GENERAL NOTES,
HIGHWAY STANDARDS & COMMITMENTS
- SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.
- | | | | | |
|-------------|----------------|--------------------|------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 9170 | 22-00022-00-PW | ST. CLAIR | 200 | 2 |
| | | CONTRACT NO. 97892 | | |
| | | ILLINOIS | FED. AID PROJECT | |

* SPECIALTY ITEM

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	15
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	60
*	20100500	TREE REMOVAL, ACRES	ACRE	1.00
	20200100	EARTH EXCAVATION	CU YD	3350
	20300100	CHANNEL EXCAVATION	CU YD	1990
	20400800	FURNISHED EXCAVATION	CU YD	1940
	20800150	TRENCH BACKFILL	CU YD	588
*	25000210	SEEDING, CLASS 2A	ACRE	1.75
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	160
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	160
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	160
*	25100125	MULCH, METHOD 3	ACRE	1.75
*	25100630	EROSION CONTROL BLANKET	SQ YD	1468
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	360
	28000305	TEMPORARY DITCH CHECKS	FOOT	96

	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
	28000400	PERIMETER EROSION BARRIER	FOOT	1133
	28000500	INLET AND PIPE PROTECTION	EACH	29
	28100107	STONE RIPRAP, CLASS A4	SQ YD	1660
	28200200	FILTER FABRIC	SQ YD	1660
	31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	4839
	40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	19
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	76
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	5832
	42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	240
	42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	5592
	42001300	PROTECTIVE COAT	SQ YD	6806
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	33
	42300500	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 9 INCH	SQ YD	185
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2060
	42400800	DETECTABLE WARNINGS	SQ FT	31

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www.twm-inc.com

IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher
PLOT SCALE = 2.0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF SHILOH

SUMMARY OF QUANTITIES

SCALE: N.T.S.	SHEET 1	OF 5	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	3
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
44000100	PAVEMENT REMOVAL	SQ YD	3020
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	706
44000600	SIDEWALK REMOVAL	SQ FT	163
44004250	PAVED SHOULDER REMOVAL	SQ YD	1424
44200050	WELDED WIRE REINFORCEMENT	SQ YD	75
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	75
44201298	DOWEL BARS 1 1/4"	EACH	29
44213200	SAW CUTS	FOOT	194
44213204	TIE BARS 3/4"	EACH	31
50100200	REMOVAL OF EXISTING STRUCTURES	L SUM	1
50105220	PIPE CULVERT REMOVAL	FOOT	138
50200100	STRUCTURE EXCAVATION	CU YD	328
50300225	CONCRETE STRUCTURES	CU YD	238.4
50300255	CONCRETE SUPERSTRUCTURE	CU YD	483.1
50300260	BRIDGE DECK GROOVING	SQ YD	1895

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
50300280	CONCRETE ENCASEMENT	CU YD	33.0
50300300	PROTECTIVE COAT	SQ YD	2371
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	233.4
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	9090
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	244890
50800515	BAR SPLICERS	EACH	1001
* 50901720	BICYCLE RAILING	FOOT	229
* 50901750	PARAPET RAILING	FOOT	225
51201900	FURNISHING STEEL PILES HP14X89	FOOT	4748
51202305	DRIVING PILES	FOOT	4748
51203900	TEST PILE STEEL HP14X89	EACH	2
51204650	PILE SHOES	EACH	48
51500100	NAME PLATES	EACH	1
52100510	ANCHOR BOLTS, 3/4"	EACH	40

MODEL Default
FILE NAME: 22-0002131364-A4 CADD - DWG-A47 TranCADD Sheets21364A-sh_500.dgn



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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	4
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
52100520	ANCHOR BOLTS, 1"	EACH	40
52200010	TEMPORARY SHEET PILING	SQ FT	591
52200700	PRECAST MODULAR RETAINING WALL	SQ FT	1340
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	5
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	65
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	743
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	554
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	90
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	230
56109210	WATER VALVES TO BE ADJUSTED	EACH	2
56200300	WATER SERVICE LINE 1"	FOOT	100
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	226
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	126
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	214

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	5
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	10
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2207
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	337.5
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	100.0
* 63000035	BACK SIDE PROTECTION OF GUARDRAIL	FOOT	187.5
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4

MODEL Default
FILE NAME: 12/20/2021\211364\A4 CADD - DWG\A4.7 Tran\CADD Sheets\211364A-sh_500.dgn



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher
PLOT SCALE = 2.0000 ' / in.
PLOT DATE = 6/10/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

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REVISED -
REVISED -
REVISED -



VILLAGE OF SHILOH

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	5
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE NAME: 12102113164A4 CADD - DWG14.7 TranCADD Sheets1211364A-sh_500.dgn

* SPECIALTY ITEM									
*	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	*	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
	63200310	GUARDRAIL REMOVAL	FOOT	724		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5
	64000110	SIGHT SCREEN (CHAIN LINK FENCE) 6'	FOOT	195		72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
	67100100	MOBILIZATION	L SUM	1		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	125
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	255		78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	210
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	210		78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	7453
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	26116		78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	540
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	540		78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	77
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	77		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	133
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	625		78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	525		78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	8
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	12481		
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	X0350810	BOLLARD REMOVAL	EACH	2		
72000100	SIGN PANEL - TYPE 1	SQ FT	25	X1400437	GPS CLOCK SYNC UNIT	EACH	11		
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	X1700066	POTHOLING	EACH	30		
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	558		

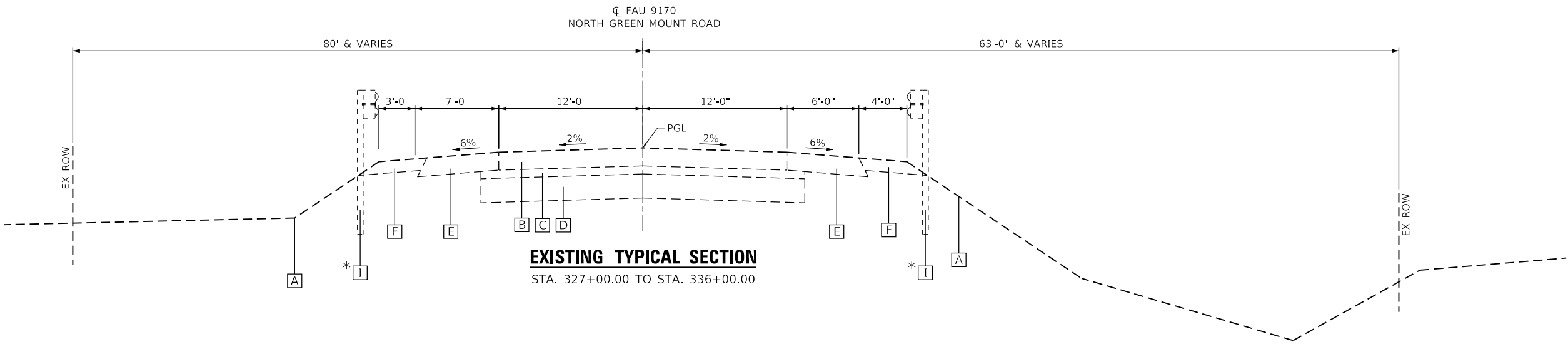
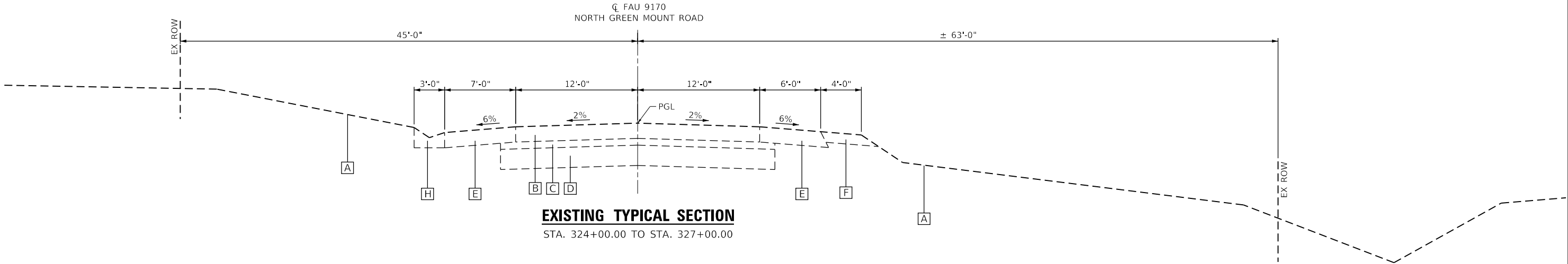
 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher	DESIGNED -	REVISED -		VILLAGE OF SHILOH	SUMMARY OF QUANTITIES				F.A.U. RTE. = 9170	SECTION 22-00022-00-PW	COUNTY ST. CLAIR	TOTAL SHEETS 200	SHEET NO. 6
	PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 97892				
	PLOT DATE = 6/10/2026	DATE -	REVISED -											
						SCALE: N.T.S.	SHEET 4 OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					

* SPECIALTY ITEM

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
X5080530	BAR TERMINATORS	EACH	988
X5220102	RETAINING WALL REMOVAL	FOOT	168
X5230176	DRAINAGE SCUPPERS, DS-12	EACH	6
X5510100	STORM SEWER REMOVAL	FOOT	478
X6350120	DELINEATOR REMOVAL	EACH	16
X6640104	FENCE REMOVAL	FOOT	195
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	61
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	5
Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	507
Z0062456	TEMPORARY PAVEMENT	SQ YD	558
Z0077803	REMOVE WOOD POST	EACH	4
Z0076600	TRAINEES	HOUR	3,500
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	3,500

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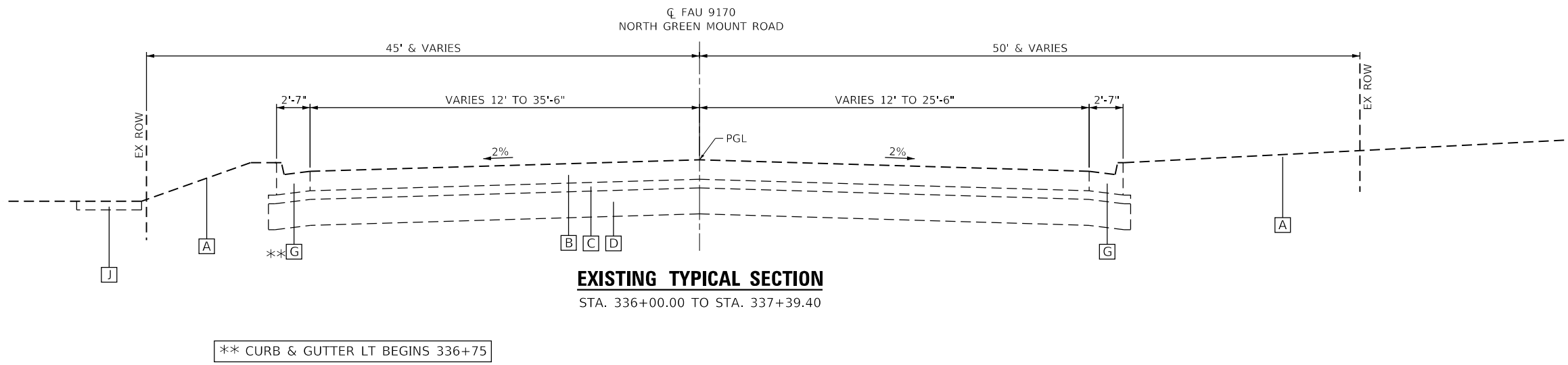
EX SN 082-4121
STA. 331+36 TO STA. 332+97

* EX GUARDRAIL
STA. 330+85 TO STA. 334+50 LT
STA. 327+20 TO STA. 334+25 RT

LEGEND

A	EX GROUND	1	PR PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	1	STA. 324+00.00 TO STA. 324+46.80	18'
B	EX PORTLAND CEMENT CONCRETE PAVEMENT	2	PR SUBBASE GRANULAR MATERIAL, TYPE A, 12"	2	STA. 324+46.80 TO STA. 329+00.00	VARIES 18' TO 32'-5"
C	EX SUBBASE GRANULAR MATERIAL, TYPE A	3	PR WELDED WIRE REINFORCEMENT	3	STA. 324+00.00 TO STA. 324+46.80	18'
D	EX MODIFIED SOILS	4	PR SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT (STD. 420001)	4	STA. 324+46.80 TO STA. 329+00.00	VARIES 18' TO 12'
E	EX HOT-MIX ASPHALT SHOULDER	5	DRILL AND GROUT #6 TIE BAR	5	STA. 329+00.00 TO STA. 331+01.85	VARIES 32'-5" TO 36'
F	EX AGGREGATE SHOULDER	6	RESERVED	6	STA. 333+32.27 TO STA. 335+25.00	VARIES 48' TO 44'-9"
G	EX COMB. CONC. CURB & GUTTER, TYPE B-6.24	7	PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	7	STA. 335+25.00 TO STA. 337+39.40	VARIES 44'-9" TO 36'
H	EX CONCRETE GUTTER, TYPE A	8	PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"	8	STA. 335+25.00 TO STA. 337+15.39	VARIES 24' TO 25'-6"
I	EX STEEL PLATE BEAM GUARDRAIL	9	PR STEEL PLATE BEAM GUARDRAIL			
J	EX PORTLAND CEMENT CONCRETE SIDEWALK	10	PR EMBANKMENT			
		11	PR EARTH EXCAVATION			
		12	PR CHANNEL EXCAVATION			
		13	PR PRECAST MODULAR RETAINING WALL			
		14	PR SIGHT SCREEN (CHAIN LINK FENCE) 6'			

MODEL Dwg.rvt
FILE NAME: P:\2021\211364\4 CAD - DWG\4.7 TranCAD 5\res211364A-typs.dgn



LEGEND

A	EX GROUND	1	PR PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	1	STA. 324+00.00 TO STA. 324+46.80	18'
B	EX PORTLAND CEMENT CONCRETE PAVEMENT	2	PR SUBBASE GRANULAR MATERIAL, TYPE A, 12"		STA. 324+46.80 TO STA. 329+00.00	VARIES 18' TO 32'-5"
C	EX SUBBASE GRANULAR MATERIAL, TYPE A	3	PR WELDED WIRE REINFORCEMENT	2	STA. 324+00.00 TO STA. 324+46.80	18'
D	EX MODIFIED SOILS	4	PR SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT (STD. 420001)		STA. 324+46.80 TO STA. 329+00.00	VARIES 18' TO 12'
E	EX HOT-MIX ASPHALT SHOULDER	5	DRILL AND GROUT #6 TIE BAR	3	STA. 329+00.00 TO STA. 331+01.85	VARIES 32'-5" TO 36'
F	EX AGGREGATE SHOULDER	6	RESERVED	4	STA. 333+32.27 TO STA. 335+25.00	VARIES 48' TO 44'-9"
G	EX COMB. CONC. CURB & GUTTER, TYPE B-6.24	7	PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	5	STA. 335+25.00 TO STA. 337+39.40	VARIES 44'-9" TO 36'
H	EX CONCRETE GUTTER, TYPE A	8	PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"	6	STA. 335+25.00 TO STA. 337+15.39	VARIES 24' TO 25'-6"
I	EX STEEL PLATE BEAM GUARDRAIL	9	PR STEEL PLATE BEAM GUARDRAIL			
J	EX PORTLAND CEMENT CONCRETE SIDEWALK	10	PR EMBANKMENT			
		11	PR EARTH EXCAVATION			
		12	PR CHANNEL EXCAVATION			
		13	PR PRECAST MODULAR RETAINING WALL			
		14	PR SIGHT SCREEN (CHAIN LINK FENCE) 6'			

MODEL Dwg.rvt
FILE NAME: 22-0002121364A4 CADD - DWG04.7 TwpCADD 5x8x521364A-typos.dgn



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IL DESIGN FIRM

LICENSE NO: 184-001220

USER NAME = efisher
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PLOT DATE = 3/5/2026

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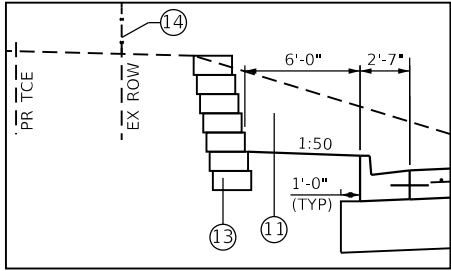


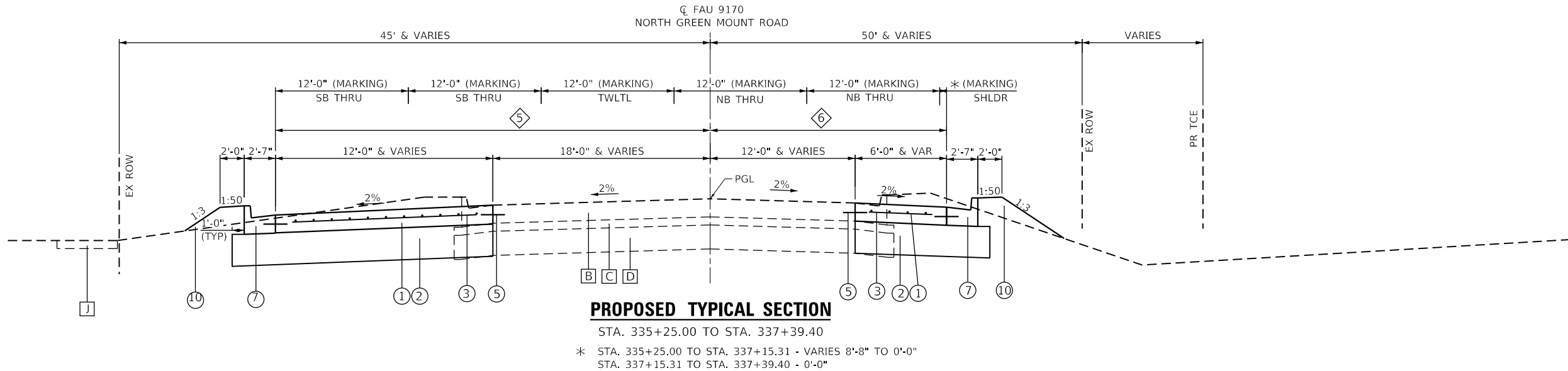
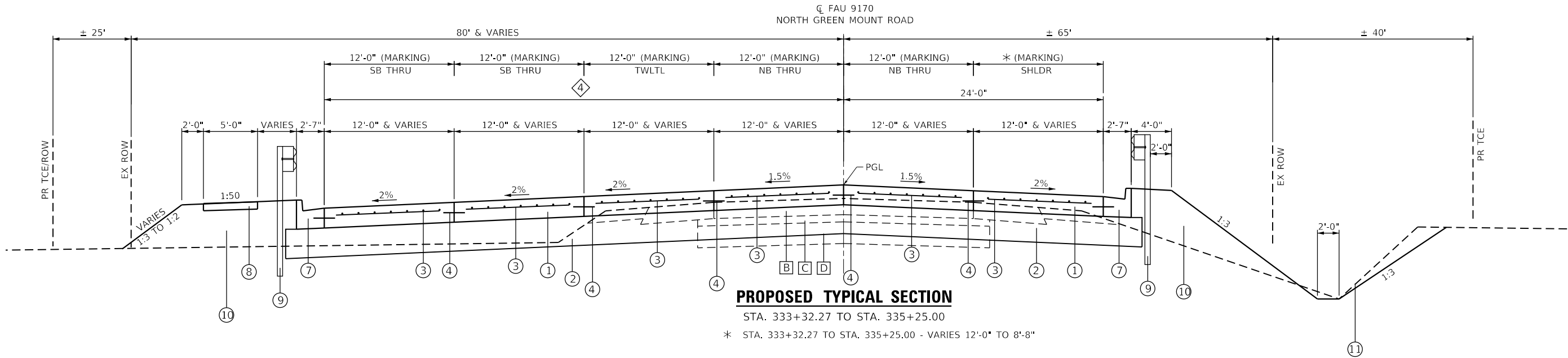
VILLAGE OF SHILOH

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	9
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				





LEGEND

- A EX GROUND
B EX PORTLAND CEMENT CONCRETE PAVEMENT
C EX SUBBASE GRANULAR MATERIAL, TYPE A
D EX MODIFIED SOILS
E EX HOT-MIX ASPHALT SHOULDER
F EX AGGREGATE SHOULDER
G EX COMB. CONC. CURB & GUTTER, TYPE B-6.24
H EX CONCRETE GUTTER, TYPE A
I EX STEEL PLATE BEAM GUARDRAIL
J EX PORTLAND CEMENT CONCRETE SIDEWALK

- 1 PR PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
2 PR SUBBASE GRANULAR MATERIAL, TYPE A, 12"
3 PR WELDED WIRE REINFORCEMENT
4 PR SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT (STD. 420001)
5 DRILL AND GROUT #6 TIE BAR
6 RESERVED
7 PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
8 PR PORTLAND CEMENT CONCRETE SIDEWALK, 4"
9 PR STEEL PLATE BEAM GUARDRAIL
10 PR EMBANKMENT
11 PR EARTH EXCAVATION
12 PR CHANNEL EXCAVATION
13 PR PRECAST MODULAR RETAINING WALL
14 PR SIGHT SCREEN (CHAIN LINK FENCE) 6'

- 1 STA. 324+00.00 TO STA. 324+46.80 18'
STA. 324+46.80 TO STA. 329+00.00 VARIES 18' TO 32'-5"
2 STA. 324+00.00 TO STA. 324+46.80 18'
STA. 324+46.80 TO STA. 329+00.00 VARIES 18' TO 12'
3 STA. 329+00.00 TO STA. 331+01.85 VARIES 32'-5" TO 36'
4 STA. 333+32.27 TO STA. 335+25.00 VARIES 48' TO 44'-9"
5 STA. 335+25.00 TO STA. 337+39.40 VARIES 44'-9" TO 36'
6 STA. 335+25.00 TO STA. 337+15.39 VARIES 24' TO 25'-6"

PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC: YEAR 2031
PV = 17,692 SU = 1,407 MU = 1,005
ROAD/STREET CLASSIFICATION: MINOR ARTERIAL CLASS 1 ROAD
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 32% S = 45% M = 45%
TRAFFIC FACTOR: ACTUAL TF = 6.06 MINIMUM TF = NONE
SUBGRADE SUPPORT RATING: POOR

MODEL Dwg: 0112021213164A4 CADD - DWG: 0112021213164A4-01.dgn



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LICENSE NO: 184-001220

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VILLAGE OF SHILOH

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	11
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

MODEL Dwg.rvt
FILE NAME: P:\2021\213136\A4 CAD - DWG\A7 Tran\CADD Sheets\213136A-shr_schedule.dgn

STAGING SCEHDULE											
LOCATION				**TEMPORARY PAVEMENT MARKING - PAINT	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS		*PAVEMENT REMOVAL - WATER BLASTING	TEMPORARY PAVEMENT	TEMPORARY PAVEMENT REMOVAL
				LINE 4"			TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3			
STATION			LT/RT	FOOT	FOOT	FOOT	EACH	EACH	SQ FT	SQ YD	SQ YD
NORTH GREEN MOUNT ROAD (PRE-STAGE)											
324+00.00	TO	331+07.03	RT							471.4	
NORTH GREEN MOUNT ROAD (STAGE 1)											
321+71.55	TO	340+11.50	LT/RT	8174.5	525.0		2		2232.4	86.5	
341+35.45	TO	345+55.59	LT/RT	1033.7							
FRANK SCOTT PARKWAY EAST (STAGE 1)											
87+40.19			LT								
NORTH GREEN MOUNT ROAD (STAGE 2)											
321+71.55	TO	340+11.50	LT/RT	8339.1	100.0	525.0		2	3153.0		557.9
341+35.45	TO	346+09.66	LT/RT	1115.8							
FRANK SCOTT PARKWAY EAST (STAGE 2)											
87+31.62			RT								
SUBTOTAL:				18663	625	525	2	2	5385	558	558
PAY TOTAL:					625	525	2	2		558	558

*SEE PAVEMENT MARKING REMOVAL SCHEDULE AND PAVEMENT MARKING SCHEDULE FOR ADDITIONAL QUANTITY
**SEE PAVEMENT MARKING SCHEDULE FOR ADDITIONAL QUANTITY

REMOVAL SCHEDULE												
LOCATION				PAVEMENT REMOVAL	PAVED SHOULDER REMOVAL	SIDEWALK REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	GUARDRAIL REMOVAL	RETAINING WALL REMOVAL	BOLLARD REMOVAL	REMOVE WOOD POST	WATER VALVES TO BE ADJUSTED
STATION	TO	STATION	LT/RT	SQ YD	SQ YD	SQ FT	FOOT	FOOT	FOOT	EACH	EACH	EACH
NORTH GREEN MOUNT ROAD												
TEMP. PVMT FROM SOUTHERN PROJECT				550.0								
324+00.00	TO	327+87.10	LT		326.2		296.8				2	
324+00.00	TO	331+07.03	RT		387.1							
327+23.19	TO	330+25.76	RT					303.1				
327+87.10	TO	329+07.27	LT	389.8		163.0	138.1					2
328+51.48	TO	330+18.98	RT						167.5			
329+00.00	TO	331+07.22	LT/RT	550.6								
329+07.25	TO	331+07.22	LT		223.0							
330+27.35	TO	330+44.05	RT							2		
330+60.46	TO	331+37.19	RT					76.9				
330+85.24	TO	331+37.23	LT					52.1				
331+07.10	TO	331+37.23	LT/RT	146.1								
332+97.01	TO	334+51.57	LT					164.4				
332+97.01	TO	333+27.17	LT/RT	146.8								
332+97.10	TO	334+23.90	RT					127.1				
333+27.12	TO	336+72.19	RT		323.3		103.8				2	
333+27.14	TO	335+25.00	LT/RT	612.7								
333+27.16	TO	337+39.40	LT	623.9	164.0		167.4					
TOTAL:				3020	1424	163	706	724	168	2	4	2

RIPRAP SCHEDULE							
LOCATION			DIMENSIONS			STONE RIPRAP, CLASS A4	FILTER FABRIC
STATION			L	X	W	SQ YD	SQ YD
NORTH GREEN MOUNT ROAD							
330+50.00	50.67	RT	10	X	16	17.9	17.9
331+15.00	82.81	LT	CAD AREA			11.6	11.6
331+20.85	37.56	RT	CAD AREA			91.9	91.9
333+32.67	87.39	LT	CAD AREA			37.4	37.4
333+50.00	43.50	RT	10	X	25	27.7	27.7
334+25.00	43.71	RT	10	X	18	20.0	20.0
335+25.00	39.81	RT	CAD AREA			141.6	141.6
SUB-TOTAL:						348	348
FROM STRUCTURAL PLANS:						1312	1312
TOTAL:						1660	1660

RETAINING WALL SCHEDULE					
STATION				PRECAST MODULAR RETAINING WALL	
				SQ FT	
NORTH GREEN MOUNT ROAD					
324+80.00	TO	326+40.00	LT	1340	
TOTAL:				1340	

TREE REMOVAL SCHEDULE						
LOCATION				TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE REMOVAL, ACRES
STATION	TO	STATION	LT/RT	UNIT	UNIT	ACRE
NORTH GREEN MOUNT ROAD						
324+00.00	TO	329+00.00	LT	15	60	0.004
			RT			0.198
329+00.00	TO	335+00.00	LT			0.273
			RT			0.557
TOTAL:				15	60	1.032
PAY TOTAL:				15	60	1.00

GUARDRAIL SCHEDULE											
LOCATION				STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	*STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	BACK SIDE PROTECTION OF GUARDRAIL	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	BARRIER WALL REFLECTORS, TYPE B
STATION				FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH
NORTH GREEN MOUNT ROAD											
325+89.35	TO	331+01.85	RT	325.0	100.0		1	1	1	4	
330+14.34	TO	331+01.85	LT			87.5	1	1	1	4	
331+01.85	TO	333+32.27	LT								4
331+01.85	TO	333+32.27	RT								4
333+32.27	TO	334+19.77	RT				1	1	1	4	
333+32.27	TO	334+32.27	LT	12.5		100.0	1	1	1	4	
TOTAL:				337.5	100.0	187.5	4	4	4	16	8

*STATION 329+64.35 TO STATION 330+64.35

DRAINAGE REMOVAL SCHEDULE							
LOCATION				STORM SEWER REMOVAL	*TRENCH BACKFILL	PIPE CULVERT REMOVAL	DRAINAGE STRUCTURE TO BE REMOVED
STATION	TO	STATION	NOTES	FOOT	CU YD	FOOT	EACH
NORTH GREEN MOUNT ROAD							
327+32.49	TO	328+18.45	LT	86.0	9.2		1
328+18.45	TO	328+60.61	LT	42.2	4.5		1
328+20.36			LT				
328+60.61	TO	328+63.29	LT	25.8	1.3		1
328+60.61	TO	331+15.50	LT	262.3	28.0		
330+15.05	TO	330+55.00	RT		94.2	40.0	
334+19.52	TO	335+04.89	LT		17.7	97.6	
335+91.16	TO	336+11.10	RT	28.4	1.5		1
335+91.16	TO	336+43.47	RT	33.5	1.7		1
SUBTOTAL:					158		
PAY TOTAL:				478		138	5

*SEE STORM SEWERS SCHEDULE FOR ADDITIONAL QUANTITY

PAVEMENT MARKING REMOVAL SCHEDULE					
LOCATION			PAVEMENT MARKING REMOVAL - WATER BLASTING *	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	DELINEATOR REMOVAL
STATION	TO	STATION	SQ FT	EACH	EACH
COORDINATE WITH ADJACENT PROJECT					
315+80.00	TO	324+00.00	411.9	8	16
NORTH GREEN MOUNT ROAD					
324+00.00	TO	340+11.75	3063.1	53	
341+35.45	TO	346+09.66	231.9		
SUBTOTAL:			3707	61	16
PAY TOTAL:				61	16

*SEE STAGING SCHEDULE AND PAVEMENT MARKING SCHEDULE FOR ADDITIONAL QUANTITY

EARTHWORK SCHEDULE								
			EARTH EXCAVATION	FOR INFORMATION ONLY			FURNISHED EXCAVATION	CHANNEL EXCAVATION
				EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)		
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
NORTH GREEN MOUNT ROAD								
STAGE 1								
324+00.00	TO	337+39.52	2187	1640	2063	-423	423	45
STAGE 2								
324+00.00	TO	337+39.52	1162	872	2391	-1520	1520	1946
SUB-TOTAL:			3349	2512	4454	-1942	1942	1991
PAY TOTAL:			3350				1940	1990

PORTLAND CEMENT CONCRETE PAVING SCHEDULE									
LOCATION				*SUBBASE GRANULAR MATERIAL, TYPE A	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	PORTLAND CEMENT CONCRETE PAVEMENT, 9" (JOINTED)	WELDED WIRE REINFORCEMENT	DRILL AND GROUT #6 TIE BARS	*PROTECTIVE COAT
STATION	TO	STATION	LT/RT	TON	SQ YD	SQ YD	SQ YD	EACH	SQ YD
NORTH GREEN MOUNT ROAD									
324+00.00	TO	330+86.86	LT/RT	2498.1		3568.9	3568.9	354	3568.9
330+86.86	TO	331+08.85	LT/RT	84.0	120.0		120.0		120.0
333+32.27	TO	333+47.27	LT/RT	84.0	120.0		120.0		120.0
333+47.27	TO	337+39.40	LT/RT	1416.2		2023.3	2023.3	153	2023.3
SUBTOTAL:				4082	240	5592	5832	507	5832
FROM CURB AND GUTTER SCHEDULE:				615					755
FROM ENTRANCE SCHEDULE:				141					219
PAY TOTAL:				4839	240	5592	5832	507	6806

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

MODEL: Default
FILE: TWM12-12-2021021211364A4 CADD - DWG14.7 TranCADD Streets1211364A-shr_schedule.dgn



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LICENSE NO: 184-001220

USER NAME = efisher

PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 3/6/2026

DESIGNED -
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CHECKED -
DATE -

REVISED -
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VILLAGE OF SHILOH

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	13
CONTRACT NO. 97892				
		ILLINOIS	FED. AID PROJECT	

MODEL Default
FILE NAME: T:\2021\211364\A4 CADD - DWG\A4.7 Tran\CADD Sheets\211364A-sh1_schedule.dgn

STORM SEWERS															
LOCATION										STORM SEWER					*TRENCH BACKFILL
										CLASS A, TYPE 1		CLASS A, TYPE 2			
										12 INCH	15 INCH	15 INCH	18 INCH	24 INCH	
PIPE	STR.	STATION	OFFSET	LT/RT	TO	STR.	STATION	OFFSET	LT/RT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
NORTH GREEN MOUNT ROAD															
P-1-1	P-1-1	325+00.00	31.25	LT	TO	P-1-2	326+00.00	33.10	LT		98.7				13.0
P-2-1	P-2-1	325+00.00	30.75	RT	TO	P-2-2	326+50.00	27.35	RT		148.7				18.0
P-1-2	P-1-2	326+00.00	33.10	LT	TO	P-1-3	327+00.00	36.73	LT		97.5				16.3
P-2-2	P-2-2	326+50.00	27.35	RT	TO	P-2-3	328+00.00	25.00	RT		147.5				22.9
P-1-3	P-1-3	327+00.00	36.73	LT	TO	P-1-4	328+00.00	41.17	LT			95.6			20.4
P-2-3	P-2-3	328+00.00	25.00	RT	TO	P-2-4	329+34.00	26.00	RT			131.5			32.5
P-1-4	P-1-4	328+00.00	41.17	LT	TO	P-1-6	328+75.00	44.48	LT				70.8		19.9
P-1-4A	P-1-4A	328+00.00	55.06	LT	TO	P-1-4	328+00.00	41.17	LT	11.7					0.4
P-1-5	P-1-5	328+18.44	47.79	LT	TO	P-1-6C	328+27.59	65.09	LT	17.1					2.3
P-1-6C	P-1-6C	328+27.59	65.09	LT	TO	P-1-6B	328+51.83	65.08	LT	22.9					3.0
P-1-6B	P-1-6B	328+51.83	65.08	LT	TO	P-1-6A	328+63.17	64.31	LT		7.9				2.1
P-1-6A	P-1-6A	328+63.17	64.31	LT	TO	P-1-6	328+75.00	44.48	LT				19.2		17.0
P-1-6	P-1-6	328+75.00	44.48	LT	TO	P-1-7	329+34.00	47.51	LT					57.8	23.0
P-1-7	P-1-7	329+34.00	47.51	LT	TO	P-1-8	329+44.00	47.80	LT					6.9	3.6
P-2-4	P-2-4	329+34.00	26.00	RT	TO	P-2-5	329+44.00	26.00	RT			7.5			2.2
P-1-8	P-1-8	329+44.00	47.80	LT	TO	P-1-9	330+25.00	48.48	LT					75.9	56.4
P-2-5	P-2-5	329+44.00	26.00	RT	TO	P-2-6	330+50.00	25.00	RT			103.0			38.6
P-1-9	P-1-9	330+25.00	48.48	LT	TO	P-1-OUT	331+15.00	82.81	LT					89.6	38.6
P-2-6	P-2-6	330+50.00	25.00	RT	TO	P-2-OUT	330+50.00	50.67	RT			17.8			1.8
P-4-1	P-4-1	333+50.00	24.98	RT	TO	P-4-OUT	333+50.00	43.50	RT			11.6			0.4
P-3-1	P-3-1	333+50.00	48.98	LT	TO	P-3-OUT	333+32.67	87.39	LT			34.3			10.8
P-3-2	P-3-2	334+25.00	49.24	LT	TO	P-3-1	333+50.00	48.98	LT			73.0			27.4
P-5-1	P-5-1	334+25.00	26.00	RT	TO	P-5-OUT	334+25.00	43.71	RT			10.3			0.5
P-3-3	P-3-3	334+35.00	49.53	LT	TO	P-3-2	334+25.00	49.24	LT			7.6			2.3
P-5-2	P-5-2	334+35.00	26.00	RT	TO	P-5-1	334+25.00	26.00	RT		8.2				1.0
P-3-4	P-3-4	335+00.00	48.61	LT	TO	P-3-3	334+35.00	49.53	LT			62.1			18.2
P-3-4A	P-3-4A	335+10.00	61.25	LT	TO	P-3-4	335+00.00	48.61	LT	13.7					1.3
P-6-1	P-6-1	335+50.00	25.00	RT	TO	P-6-OUT	335+25.00	39.81	RT		22.1				1.2
P-3-5	P-3-5	336+25.00	41.58	LT	TO	P-3-4	335+00.00	48.61	LT		122.0				24.6
P-6-2	P-6-2	336+43.47	25.14	RT	TO	P-6-1	335+50.00	25.00	RT		90.0				10.9
SUBTOTAL:										65	743	554	90	230	430
FROM DRAINAGE REMOVAL SCHEDULE:															158
PAY TOTAL:										65	743	554	90	230	588

*SEE DRAINAGE REMOVAL SCHEDULE FOR ADDITIONAL QUANTITY

ENTRANCE SCHEDULE								
LOCATION			*SUBBASE GRANULAR MATERIAL, TYPE A	AGGREGATE SURFACE COURSE, TYPE A	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 9 INCH	AGGREGATE FOR TEMPORARY ACCESS	*PROTECTIVE COAT
STATION	LT/RT	TYPE	TON	TON	SQ YD	SQ YD	TON	SQ YD
NORTH GREEN MOUNT ROAD								
324+14.15	RT	P.E.	5.7	9.3	16.3		5.7	16.3
324+37.93	LT	P.E.	5.9	9.8	17.0		5.9	17.0
328+39.61	LT	C.E.	63.4			90.5	31.7	90.5
334+72.64	LT	C.E.	66.3			94.7	33.1	94.7
SUBTOTAL:			141					219
PAY TOTAL:				19	33	185	76	

* SEE PCC PAVING SCHEDULE AND CURB AND GUTTER SCHEDULE FOR ADDITIONAL QUANTITY

SIDEWALK SCHEDULE					
LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNING
STATION			LT/RT	SQ FT	SQ FT
NORTH GREEN MOUNT ROAD					
328+39.61			LT	289.0	31.3
328+39.61	TO	331+01.85	LT	1145.5	
333+32.27	TO	334+72.64	LT	478.1	
334+72.64			LT	147.2	
			TOTAL:	2060	31

FENCE SCHEDULE						
LOCATION				FENCE REMOVAL	SIGHT SCREEN (CHAIN LINK FENCE) 6'	
STATION				FOOT	FOOT	
NORTH GREEN MOUNT ROAD						
324+60.02	TO	326+54.80	LT	194.7	194.8	
TOTAL:				195	195	

EROSION CONTROL								
LOCATION				INLET AND PIPE PROTECTION	EROSION CONTROL BLANKET	PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS	
STATION	TO	STATION	LT/RT	EACH	SQ YD	FOOT	EA	FOOT
NORTH GREEN MOUNT ROAD								
324+00.00	TO	329+00.00	LT	9			2	16.0
			RT	3	370.0	545.0		
329+00.00	TO	335+00.00	LT	7	64.9	132.4	4	32.0
			RT	6	1033.0		5	40.0
335+00.00	TO	337+39.40	LT	2		253.0		
			RT	2		202.7	1	8.0
TOTAL:				29	1,468	1,133	96	



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VILLAGE OF SHILOH

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	14
CONTRACT NO. 97892				
		ILLINOIS	FED. AID PROJECT	

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FILE NAME: T:\2021\211364\4 CAD - DWG\4.7 TranCAD Streets\211364A-shl_schedule.dgn

DRAINAGE STRUCTURES														
STATION				PRECAST REINFORCED CONCRETE FLARED END SECTIONS		MANHOLES, TYPE A,				INLETS				
						4'-DIAMETER			5'-DIAMETER	TYPE A			TYPE B	
						TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 24 FRAME AND GRATE	TYPE 24 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE	TYPE 24 FRAME AND GRATE	TYPE 3 FRAME AND GRATE	TYPE 24 FRAME AND GRATE
STR.	STATION	OFFSET	LT/RT	15"	24"	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
NORTH GREEN MOUNT ROAD														
P-1-1	325+00.00	31.25	LT									1		
P-2-1	325+00.00	30.75	RT									1		
P-1-2	326+00.00	33.10	LT											1
P-2-2	326+50.00	27.35	RT											1
P-1-3	327+00.00	36.73	LT											1
P-1-4	328+00.00	41.17	LT					1						
P-1-4A	328+00.00	55.06	LT								1			
P-2-3	328+00.00	25.00	RT											1
P-1-5	328+18.44	47.79	LT							1				
P-1-6C	328+27.59	65.09	LT											1
P-1-6B	328+51.83	65.08	LT											1
P-1-6A	328+63.17	64.31	LT			1								
P-1-6	328+75.00	44.48	LT						1					
P-1-7	329+34.00	47.51	LT				1							
P-2-4	329+34.00	26.00	RT										1	
P-1-8	329+44.00	47.80	LT				1							
P-2-5	329+44.00	26.00	RT										1	
P-1-9	330+25.00	48.48	LT					1						
P-2-6	330+50.00	25.00	RT											1
P-2-OUT	330+50.00	50.67	RT	1										
P-1-OUT	331+15.00	82.81	LT		1									
P-3-OUT	333+32.67	87.39	LT	1										
P-3-1	333+50.00	48.98	LT											1
P-4-1	333+50.00	24.98	RT									1		
P-4-OUT	333+50.00	43.50	RT	1										
P-3-2	334+25.00	49.24	LT										1	
P-5-1	334+25.00	26.00	RT										1	
P-5-OUT	334+25.00	43.71	RT	1										
P-5-2	334+35.00	26.00	RT							1				
P-3-3	334+35.00	49.53	LT										1	
P-3-4	335+00.00	48.61	LT				1							
P-3-4A	335+10.00	61.25	LT								1			
P-6-OUT	335+25.00	39.81	RT	1										
P-6-1	335+50.00	25.00	RT											1
P-3-5	336+25.00	41.58	LT									1		
P-6-2	336+43.47	25.14	RT											1
TOTAL:				5	1	1	3	2	1	2	2	4	5	10

SEEDING SCHEDULE								
LOCATION			SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 3	TEMP. EROSION CONTROL SEEDING (2 APPL.)
STATION	TO	STATION	ACRE	POUND	POUND	POUND	ACRE	POUND
NORTH GREEN MOUNT ROAD								
324+00.00	TO	337+39.40	1.793	161.4	161.4	161.4	1.793	358.6
TOTAL:			1.793	161.4	161.4	161.4	1.793	358.6
PAY TOTAL:			1.75	160	160	160	1.75	360

PATCHING SCHEDULE									
LOCATION				CLASS B PATCHES, TYPE IV, 9 INCH	SAW CUTS	WELDED WIRE REINFORCEMENT	DOWEL BARS 1 1/4"	TIE BARS 3/4"	
STATION	TO	STATION	LT/RT	SQ YD	FOOT	SQ YD	EACH	EACH	
NORTH GREEN MOUNT ROAD									
335+25.00	TO	340+11.22	LT/RT	62.2	162	62.2	24	26	
20% CONTINGENCY:				12.4	32	12.4	5	5	
TOTAL:				75	194	75	29	31	



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VILLAGE OF SHILOH

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97892	

SIGNAGE SCHEDULE												
LOCATION			DESCRIPTION				REMOVE SIGN PANEL ASSEMBLY		*RELOCATE SIGN PANEL ASSEMBLY - TYPE A	SIGN PANEL	TELESCOPING STEEL SIGN SUPPORT	
							TYPE A	TYPE B		TYPE 1		
STATION			SIGN	SHAPE	SIZE		EACH	EACH	EACH	SQ FT	FOOT	
COORDINATE WITH ADJACENT PROJECT												
312+63.00	34.00	RT	W4-2R (LANE ENDS)	REC					1			
			500 FT	REC								
315+50.00	35.00	RT	W4-2R (LANE ENDS)	REC				1				
NORTH GREEN MOUNT ROAD												
324+50.00	34.58	RT	R3-9B (TWLT SIGN)	REC	24	X	36				6.00	13.7
325+48.00	35.50	LT	W3-3 (SIGNAL AHEAD SIGN)	REC	30	X	30				6.25	14.1
328+18.00	65.19	LT	R1-1 (STOP SIGN)	OCT	30	X	30				6.25	13.3
328+19.72	29.21	RT	D9-2, M6-9P, M6-3P (HOSPITAL SIGNS)						1			15.4
328+71.65	30.73	RT	EX. SIGN						1			
334+47.25	58.09	LT	R1-1 (STOP SIGN)	OCT						1		13.7
334+79.84	28.58	RT	W3-3 (SIGNAL AHEAD SIGN)	REC						1		14.2
335+94.38	46.53	LT	R2-1 (SPEED LIMIT SIGN)	REC						1		13.7
336+59.51	43.63	LT	M1-6 (ST. CLAIR COUNTY R18 SIGN)							1		12.7
337+10.00	41.39	LT	R3-9B (TWLT SIGN)	REC	24	X	36				6.00	13.7
338+73.11	35.78	LT	LANE ENDS	REC					1			
TOTAL:								2	2	5	25	125

*ALL RELOCATE SIGN PANEL ASSEMBLY - TYPE A AND TYPE B STATIONS ARE THE PROPOSED LOCATION

CURB AND GUTTER SCHEDULE											
LOCATION				COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24		*SUBBASE GRANULAR MATERIAL, TYPE A		*PROTECTIVE COAT			
STATION		TO	STATION		FOOT		TON		SQ YD		
NORTH GREEN MOUNT ROAD											
324+00.00		TO	328+39.61		LT	414.7		115.6		141.9	
328+39.61					LT	73.1		20.4		25.0	
328+39.61		TO	331+01.85		LT	225.4		62.8		77.1	
324+00.00		TO	331+01.85		RT	712.0		198.4		243.7	
333+32.27		TO	334+72.64		LT	97.7		27.2		33.4	
334+72.64					LT	67.0		18.7		22.9	
334+72.64		TO	337+39.49		LT	233.6		65.1		79.9	
333+32.27		TO	337+15.33		RT	383.1		106.8		131.1	
SUBTOTAL:						2207		615		755	
PAY TOTAL:						2207					

*SEE PAVING SCHEDULE AND ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

PAVEMENT MARKING SCHEDULE																					
LOCATION						RAISED REFLECTIVE PAVEMENT MARKER		POLYUREA PAVEMENT MARKING TYPE I						TEMPORARY PAVEMENT MARKING - PAINT						PAVEMENT MARKING REMOVAL - WATER BLASTING **	
						TWO-WAY AMBER	ONE-WAY CRYSTAL	LETTERS AND SYMBOLS	LINE 4"		LINE 12"		LINE 24"	LETTERS AND SYMBOLS	*LINE 4"		LINE 12"		LINE 24"		
									WHITE	YELLOW	WHITE	YELLOW	WHITE		WHITE	YELLOW	WHITE	WHITE			
STATION	TO	STATION	LT/RT	LOCATION	TYPE	EACH	EACH	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	
NORTH GREEN MOUNT ROAD																					
322+43.00	TO	324+00.00	LT	LANE LINE SB	10'-30' SKIP-DASH		2		39.3						39.3					353.3	
322+40.74			LT/RT	BUFFER/MEDIAN	DOUBLE	8			642.7		84.3					642.7		84.3			
319+00.00			RT	LANE LINE NB	10'-30' SKIP-DASH		6		125.0						125.0						
324+00.00	TO	329+50.00	LT	LANE LINE SB	10'-30' SKIP-DASH		7		140.1						140.1					618.5	
			LT/RT	TWO-WAY-LEFT-TURN-LANE	SINGLE	28	62		1110.5			62		1110.5							
				10'-30' SKIP-DASH				277.7					277.7								
	RT	LANE LINE NB	10'-30' SKIP-DASH		7		140.1						140.1								
327+07.47	TO	329+50.00	RT	EDGE LINE	SINGLE				242.7		50.8				242.7		50.8			131.7	
328+23.50	TO	328+57.06	LT	STOP BAR	SOLID							11.0							11.0	79.7	
				CROSSWALK	SINGLE				57.7					57.7							
329+50.00	TO	335+50.00	LT	LANE LINE SB	10'-30' SKIP-DASH		8		150.0						150.0					1211.3	
			LT	TWO-WAY-LEFT-TURN-LANE	SINGLE	30	94		1200.2			94		1200.2							
					10'-30' SKIP-DASH				300.0					300.0							
			RT	LANE LINE NB	10'-30' SKIP-DASH		8		150.0						150.0						
	RT	EDGE LINE	SINGLE			600.0			317.6				600.0			317.6					
334+69.01	TO	334+74.07	LT	STOP BAR	SOLID			23				17.8		23					17.8	64.2	
				ENTRANCE CENTERLINE	SINGLE		16.6					16.6									
335+50.00	TO	339+89.01	LT	LANE LINE SB	10'-30' SKIP-DASH		5		109.9						109.9					330.3	
		337+54.11	LT	TWO-WAY-LEFT-TURN-LANE	SINGLE	10				408.6					408.6						
					10'-30' SKIP-DASH				102.2				102.2								
		340+11.22	RT	LANE LINE NB	10'-30' SKIP-DASH		6		115.3						115.3						
	RT	EDGE LINE	SINGLE			165.5			29.8				165.5			29.8					
337+51.11	TO	339+89.01	LT/RT	TURN LANE	STOP BAR							12.0							12.0	180.7	
			LT		DOUBLE	6				470.1					470.1						
338+14.07	TO	340+11.22	RT	THRU LANES	STOP BAR			31				36.2		31					36.2	169.3	
					SINGLE		2			197.2					197.2						
341+35.45	TO	345+79.44	LT	THRU LANES	SINGLE				193.0						193.0					85.3	
					2'-6' SKIP-DASH			62.8				62.8									
341+35.50	TO	345+55.59	LT	THRU LANES	10'-30' SKIP-DASH				105.0						105.0					35.0	
341+33.56	TO	345+55.59	LT	THRU LANES	SINGLE				377.7						377.7					129.4	
					2'-6' SKIP-DASH							10.6									
SUBTOTAL:						82	51	210	2924	4529	456	84	77	210	2924	4529	456	84	77	3389	
FROM STAGING SCHEDULE:															18663					5385	
FROM PAVEMENT MARKING REMOVAL SCHEDULE:																				3707	
PAY TOTAL:						82	51	210	2924	4529	456	84	77	210	26116			456	84	77	12481
*SEE STAGING SCHEDULE FOR ADDITIONAL QUANTITY						133			7453		540						540				

*SEE STAGING SCHEDULE FOR ADDITIONAL QUANTITY

**SEE STAGING SCHEDULE AND PAVEMENT MARKING REMOVAL SCHEDULE FOR ADDITIONAL QUANTITY

MODEL Defaul
FILE NAME: T:\2021\211364\4 CAD - DWG\4.7 TranCAD 5\eres\211364A-shr_schedule.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 = 3/6/2026
DATE -
REVISED -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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VILLAGE OF SHILOH

SCHEDULE OF QUANTITIES

SCALE: N.T.S.

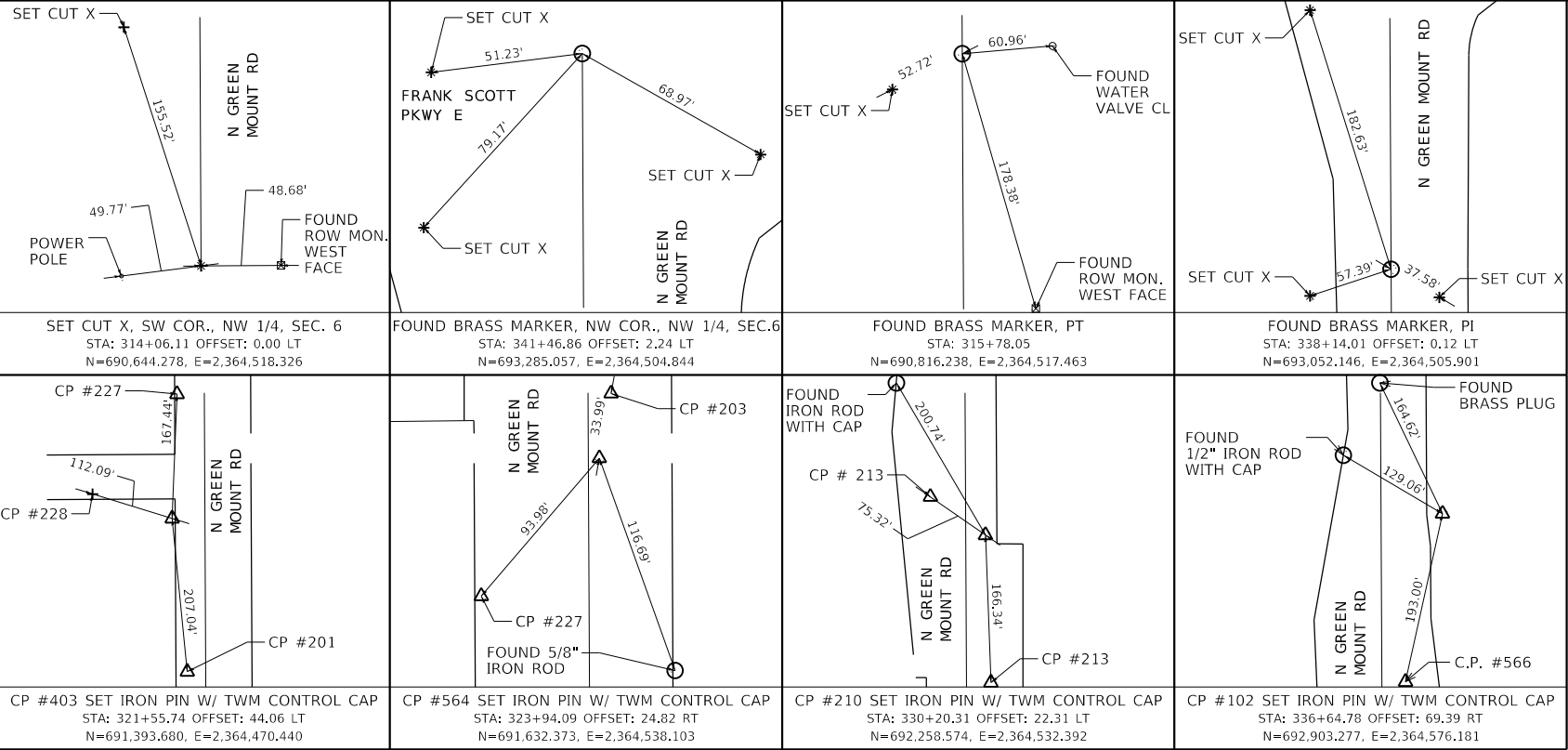
SHEET 5

OF 5 SHEETS

STA.

TO STA.

ILLINOIS

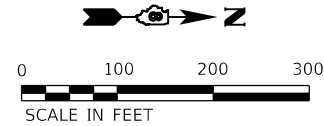
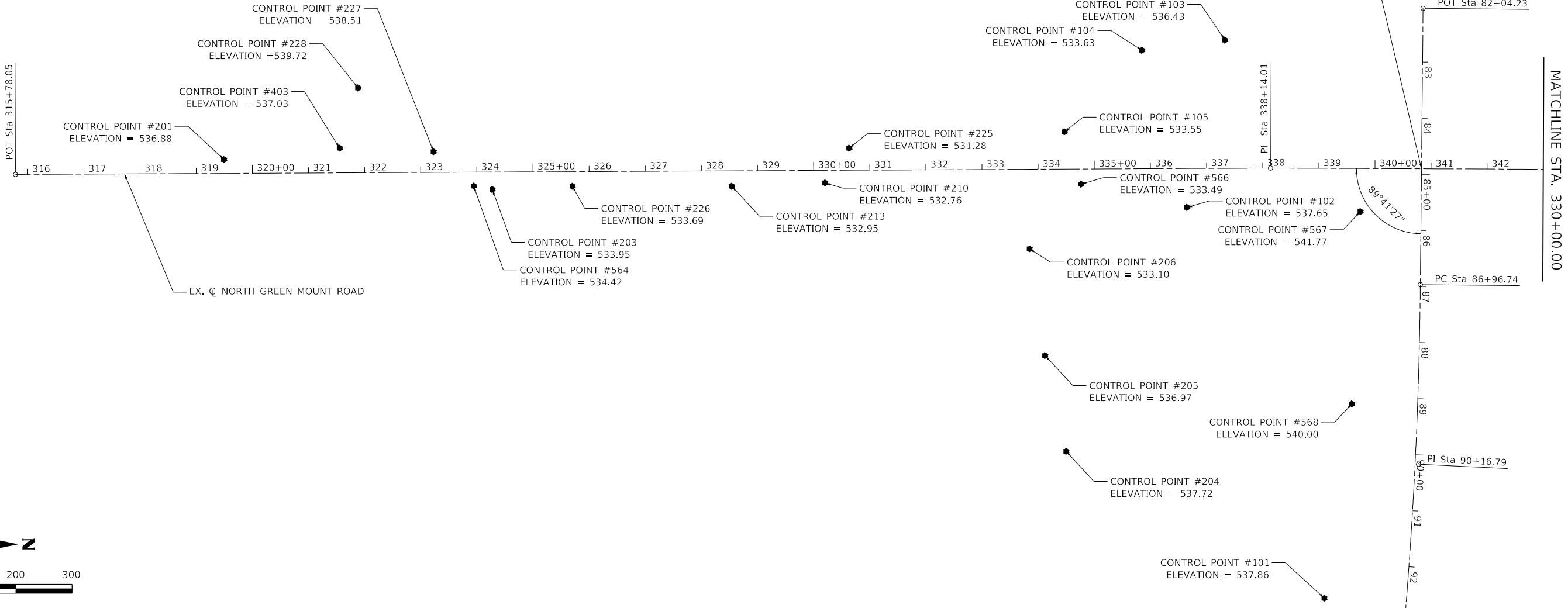


POINT	STATION	NORTHING	EASTING
POT	315+78.05	2364517.449	690816.219
PI	338+14.01	2364506.031	693052.151

NOTE:

BEARINGS, COORDINATES, AND ELEVATIONS ARE BASED ON NAD 1983 STATE PLANE ILLINOIS WEST FIPS 1202.

PROJECT SURVEY CONTROL DATA GROUND SURFACE COORDINATE SYSTEM			
COORDINATES ESTABLISHED BY THOUVENOT, WADE & MOERCHEN, INC. JOB NO. 211364A			
POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION
CP #101	693,148.034	2,365,272.622	0.5 INCH IRON ROD SET WITH CAP
CP #102	692,903.277	2,364,576.181	0.5 INCH IRON ROD SET WITH CAP
CP #103	692,970.836	2,364,277.953	0.5 INCH IRON ROD SET WITH CAP
CP #104	692,823.025	2,364,295.993	0.5 INCH IRON ROD SET WITH CAP
CP #105	692,685.208	2,364,441.322	0.5 INCH IRON ROD SET WITH CAP
CP #201	691,187.630	2,364,490.704	0.5 INCH IRON ROD FOUND WITH CAP
CP #203	691,665.813	2,364,544.200	0.5 INCH IRON ROD SET WITH CAP
CP #204	692,688.167	2,365,011.006	0.5 INCH IRON ROD SET WITH CAP
CP #205	692,650.560	2,364,840.212	0.5 INCH IRON ROD SET WITH CAP
CP #206	692,622.831	2,364,650.107	0.5 INCH IRON ROD FOUND WITH CAP
CP #210	692,258.574	2,364,532.392	0.5 INCH IRON ROD SET WITH CAP
CP #213	692,092.343	2,364,538.431	0.5 INCH IRON ROD SET WITH CAP
CP #225	692,301.526	2,364,470.523	0.5 INCH IRON ROD SET WITH CAP
CP #226	691,808.429	2,364,538.445	0.5 INCH IRON ROD SET WITH CAP
CP #227	691,560.989	2,364,476.983	0.5 INCH IRON ROD SET WITH CAP
CP #228	691,426.628	2,364,363.300	CUT X INTO SIDEWALK
CP #403	691,393.680	2,364,470.440	0.5 INCH IRON ROD SET WITH CAP
CP #564	691,632.373	2,364,538.103	0.5 INCH IRON ROD FOUND WITH CAP
CP #566	692,714.806	2,364,534.637	0.5 INCH IRON ROD FOUND WITH CAP
CP #567	693,212.312	2,364,583.486	0.5 INCH IRON ROD FOUND WITH CAP
CP #568	693,197.148	2,364,926.494	FOUND MAG NAIL



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

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=100'	SHEET 1	OF 2	SHEETS	STA. 315+78.05	TO STA. 330+00.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	17
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

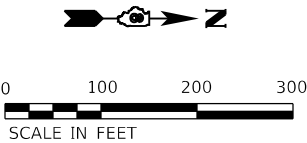
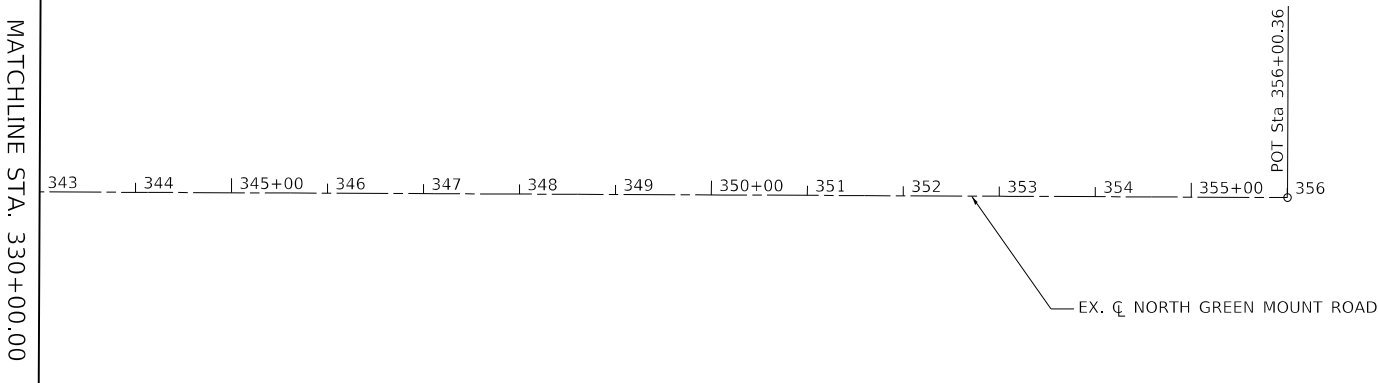
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PROJECT SURVEY CONTROL DATA GROUND SURFACE COORDINATE SYSTEM			
COORDINATES ESTABLISHED BY THOUVENOT, WADE & MOERCHEN, INC.			
JOB NO. 211364A			
POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION
CP #101	693,148.034	2,365,272.622	0.5 INCH IRON ROD SET WITH CAP
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CP #105	692,685.208	2,364,441.322	0.5 INCH IRON ROD SET WITH CAP
CP #201	691,187.630	2,364,490.704	0.5 INCH IRON ROD FOUND WITH CAP
CP #203	691,665.813	2,364,544.200	0.5 INCH IRON ROD SET WITH CAP
CP #204	692,688.167	2,365,011.006	0.5 INCH IRON ROD SET WITH CAP
CP #205	692,650.560	2,364,840.212	0.5 INCH IRON ROD SET WITH CAP
CP #206	692,622.831	2,364,650.107	0.5 INCH IRON ROD FOUND WITH CAP
CP #210	692,258.574	2,364,532.392	0.5 INCH IRON ROD SET WITH CAP
CP #213	692,092.343	2,364,538.431	0.5 INCH IRON ROD SET WITH CAP
CP #225	692,301.526	2,364,470.523	0.5 INCH IRON ROD SET WITH CAP
CP #226	691,808.429	2,364,538.445	0.5 INCH IRON ROD SET WITH CAP
CP #227	691,560.989	2,364,476.983	0.5 INCH IRON ROD SET WITH CAP
CP #228	691,426.628	2,364,363.300	CUT X INTO SIDEWALK
CP #403	691,393.680	2,364,470.440	0.5 INCH IRON ROD SET WITH CAP
CP #564	691,632.373	2,364,538.103	0.5 INCH IRON ROD FOUND WITH CAP
CP #566	692,714.806	2,364,534.637	0.5 INCH IRON ROD FOUND WITH CAP
CP #567	693,212.312	2,364,583.486	0.5 INCH IRON ROD FOUND WITH CAP
CP #568	693,197.148	2,364,926.494	FOUND MAG NAIL

POINT	STATION	NORTHING	EASTING
POT	365+00.36	2364514.625	694838.479

NOTE:

BEARINGS, COORDINATES, AND ELEVATIONS
ARE BASED ON NAD 1983 STATE PLANE
ILLINOIS WEST FIPS 1202.





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USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

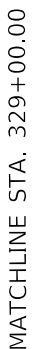
ALIGNMENT, TIES, & BENCHMARKS

SCALE: 1"=100'	SHEET 2	OF 2	SHEETS	STA. 330+00.00	TO STA. 356+00.36
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	18
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

	PAVED SHOULDER REMOVAL
	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	EXISTING RIPRAP
	COMB. CONC. CURB GUTTER REMOVAL
	TREE REMOVAL

1. SEE SCHEDULES FOR PAVEMENT MARKING REMOVALS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR SIGN REMOVALS AND RELOCATIONS.



REVISED	-
REVISED	-
REVISED	-
REVISED	-



SCALE: 1"=20'	SHEET 1	OF 3	SHEETS	STA. 324+00.00	TO STA. 329+00.00
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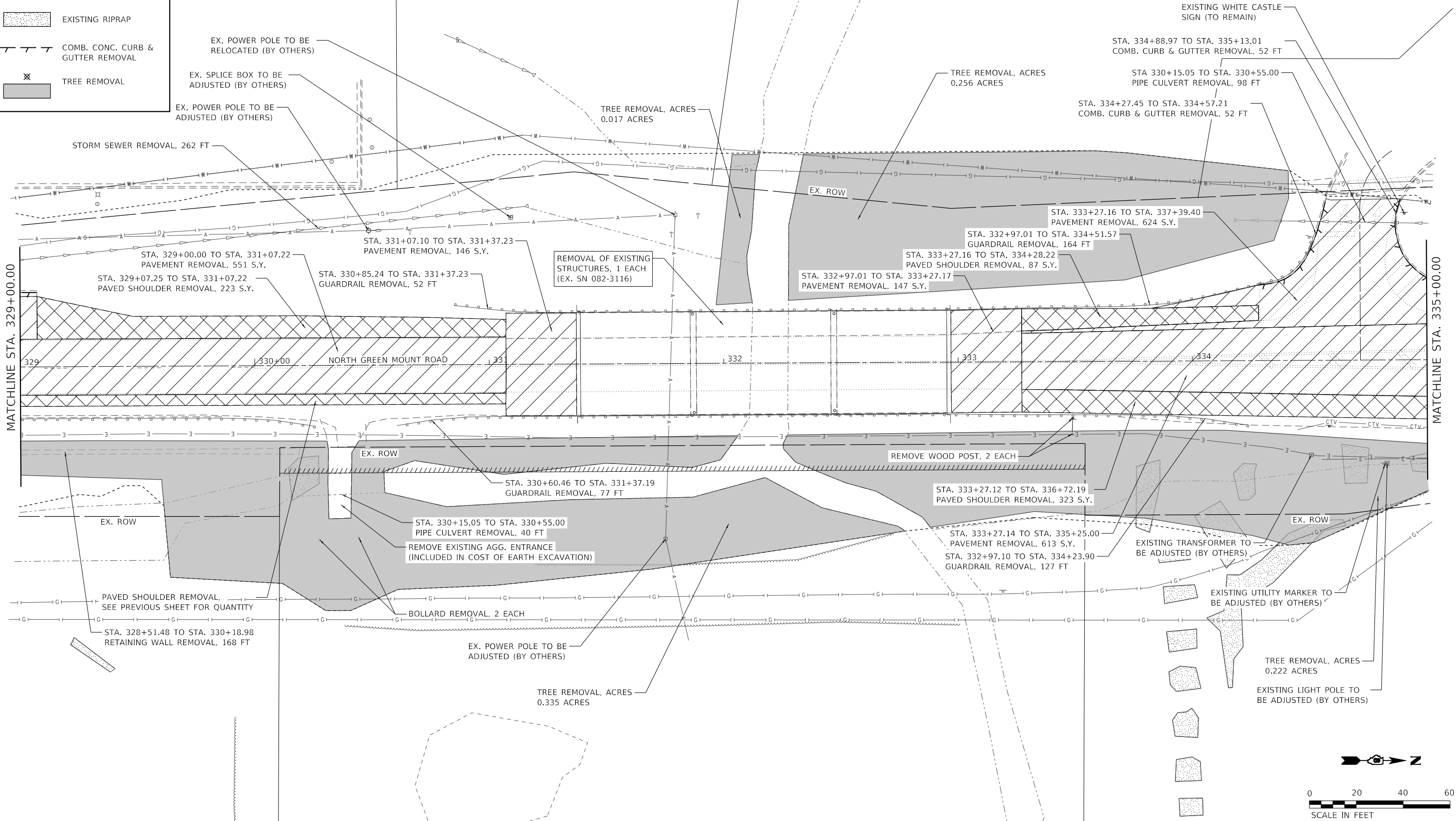
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	19
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

LEGEND

- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- EXISTING RIPRAP
- COMB. CONC. CURB & GUTTER REMOVAL
- TREE REMOVAL

NOTES

1. SEE SCHEDULES FOR PAVEMENT MARKING REMOVALS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR SIGN REMOVALS AND RELOCATIONS.



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

USER NAME = efisher
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -



VILLAGE OF SHILOH

REMOVAL PLAN

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 329+00.00 TO STA. 335+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	20
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

LEGEND

PAVED SHOULDER REMOVAL

SIDEWALK REMOVAL

PAVEMENT REMOVAL

EXISTING RIPRAP

COMB. CONC. CURB & GUTTER REMOVAL

TREE REMOVAL

NOTES

1. SEE SCHEDULES FOR PAVEMENT MARKING REMOVALS.

2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR SIGN REMOVALS AND RELOCATIONS.

0204060

SCALE IN FEET

MODEL: Defaul
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TWM ENGINEERING GEOSPATIAL SERVICES	TWM, INC. www.twm-inc.com IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher	DESIGNED -	REVISED -
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			DATE -	REVISED -

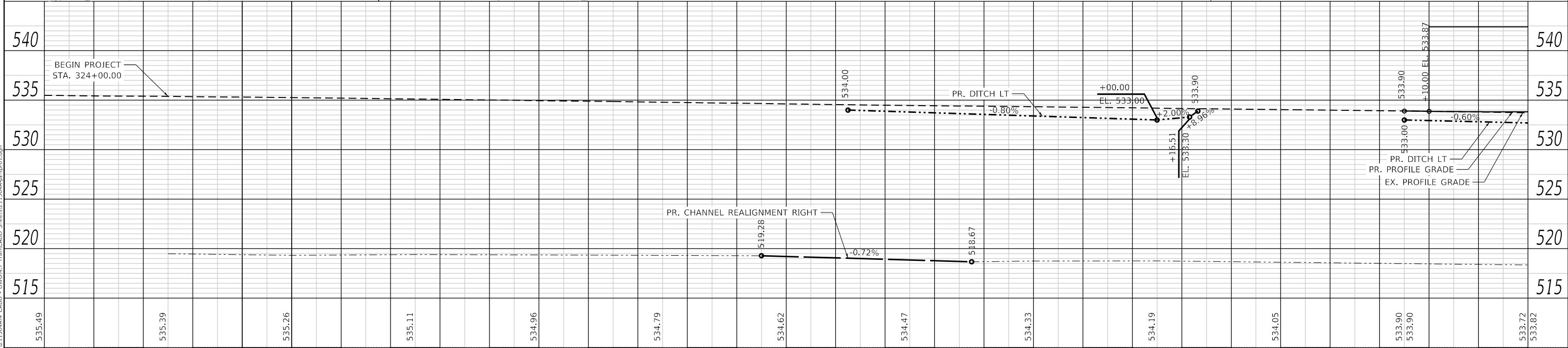
VILLAGE OF SHILOH

REMOVAL PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 335+00.00 TO STA. 337+39.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	21
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	D.I.M. NOTED _____		
NOTE BOOK _____	STRUCTURE NOTATIONS CHKD _____		
NO. _____			



323+50		324+00		324+50		325+00		325+50		326+00		326+50		327+00		327+50		328+00		328+50		329+00		329+50							
 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220		USER NAME = efisher		DESIGNED -		REVISED -				VILLAGE OF SHILOH								PLAN AND PROFILE								F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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		PLOT DATE = 6/9/2026		CHECKED -		REVISED -																				CONTRACT NO. 97892					
		DATE -		REVISED -		SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 324+00.00 TO STA. 329+50.00																				ILLINOIS		FED. AID PROJECT			

PLAN	SURVEYED	DATE
BY		
NOTED		
NO.		

PROFILE	SURVEYED	DATE
BY		
NOTED		
NO.		

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THRELKELD FAMILY
INVESTMENTS
PR. TCE = 1827 S.F.

08-01.0-200-004
ELY, THOMAS L &
DIANE D CO-TRU
PR. ROW = 1521 S.F.

STA. 332+17.06
PR. SN 082-3116
3-SPAN STEEL BEAM BRIDGE
172'-5" BK-BK ABUTS

08-01.0-206-022
VILLAGE OF SHILOH
PR. ROW = 4327 S.F.

08-01.0-206-026
CAPLACO NINETEEN INC
PR. TCE = 2465 S.F.

09-06.0-100-009
% DIERBERGS
MARKETS INC
PR. TCE = 7718 S.F.

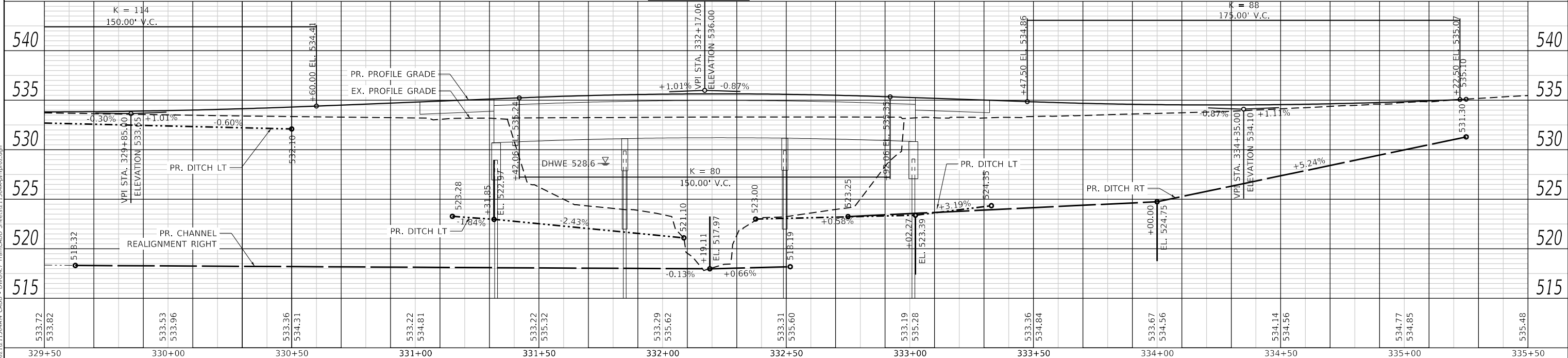
EX. SN 082-4121
3-SPAN PPRC
DECK BEAM BRIDGE
TO BE REMOVED

09-06.0-100-007
% DIERBERGS
MARKETS INC
PR. TCE = 13741 S.F.
PR. ROW = 10304 S.F.

09-06.0-100-016
% DIERBERGS
MARKETS INC
PR. TCE = 3208 S.F.

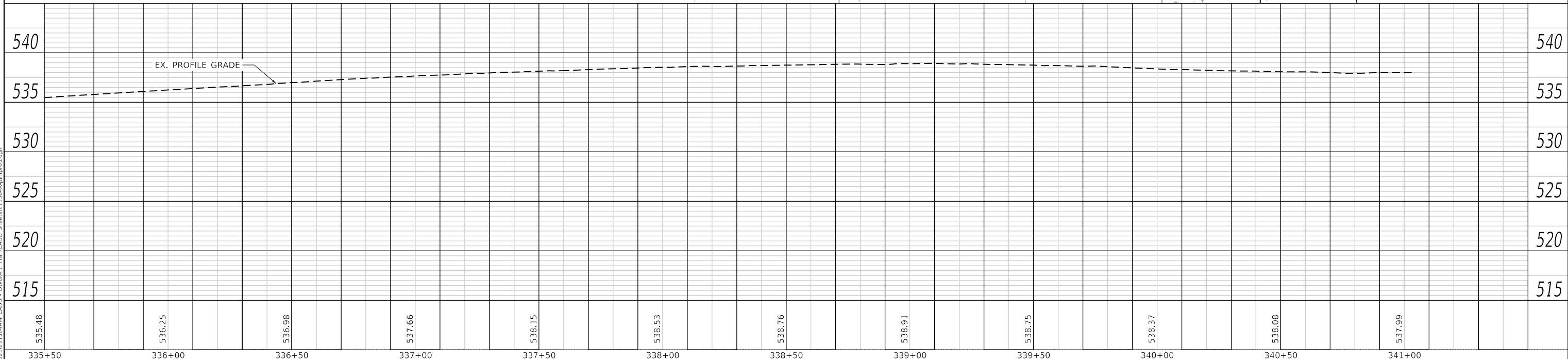
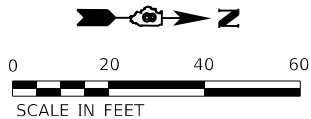
MATCHLINE STA. 329+50.00

MATCHLINE STA. 335+50.00



 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher	DESIGNED -	REVISED -	 SHILOH	VILLAGE OF SHILOH	PLAN AND PROFILE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/5/2026	CHECKED -	REVISED -			SCALE: 1"=20'	SHEET 2	OF 3	SHEETS	STA. 329+50.00	TO STA. 335+50.00	ILLINOIS	FED. AID PROJECT	
DATE -	REVISED -	REVISED -												

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
NOTE BOOK _____	STRUCTURE NOTATIONS CHKD _____		
NO. _____			



 TWM, INC. WWW.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher	DESIGNED -	REVISED -		VILLAGE OF SHILOH	PLAN AND PROFILE				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,000' / in.	DRAWN -	REVISED -							9170	22-00022-00-PW	ST. CLAIR	200	24
	PLOT DATE = 3/5/2026	CHECKED -	REVISED -			CONTRACT NO. 97892								
	DATE -	REVISED -	SCALE: 1"=20'			SHEET 3	OF 3	SHEETS	STA. 335+50.00	TO STA. 337+39.40	ILLINOIS	FED. AID PROJECT		

SUGGESTED STAGES AND SEQUENCE OF CONSTRUCTION NOTES

1. ALL TRAFFIC CONTROL DRUMS OR BARRICADES SHALL BE LIGHTED.

PRE-STAGE

TRAFFIC
PLACE ADVANCED WARNING SIGNAGE FOR ALL WORK IN ACCORDANCE WITH HIGHWAY STANDARD (701501).

ROADWAY CONSTRUCTION
CONSTRUCT TEMPORARY PAVEMENT AND PAVEMENT PATCHES.

STAGE I

TRAFFIC
SHIFT TRAFFIC EAST AS SHOWN ON STAGING PLAN SHEETS.
TRAFFIC TO REMAIN 2W, 2L.

ROADWAY CONSTRUCTION
CONSTRUCT ALL PROPOSED ITEMS ON THE WEST SIDE OF NORTH GREEN MOUNT ROAD.

STAGE II

TRAFFIC
SHIFT TRAFFIC WEST AS SHOWN ON STAGING PLAN SHEETS.
TRAFFIC TO REMAIN 2W, 2L.

ROADWAY CONSTRUCTION
CONSTRUCT ALL PROPOSED ITEMS ON THE EAST SIDE OF NORTH GREEN MOUNT ROAD.

STAGE III

TRAFFIC
SHIFT TRAFFIC AS NEEDED TO CONSTRUCT FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS.

ROADWAY CONSTRUCTION
PLACE FINAL PAVEMENT MARKINGS AND RRPMS.
FINAL SEEDING/MULCHING.

TEMPORARY PAVEMENT

TEMPORARY PAVEMENT CONSISTS OF:
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70, 6"

REMOVAL OF THE TEMPORARY PAVEMENT FOR CONSTRUCTION OF PROPOSED PAVEMENT
WILL BE PAID FOR AS TEMPORARY PAVEMENT REMOVAL.

MODEL Dwg.rvt
FILE NAME: 12/202121364A4 CADD - DWG14.7 TwpCADD Streets21364A-MOT NOTES.dgn



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher	DESIGNED -	REVISED -
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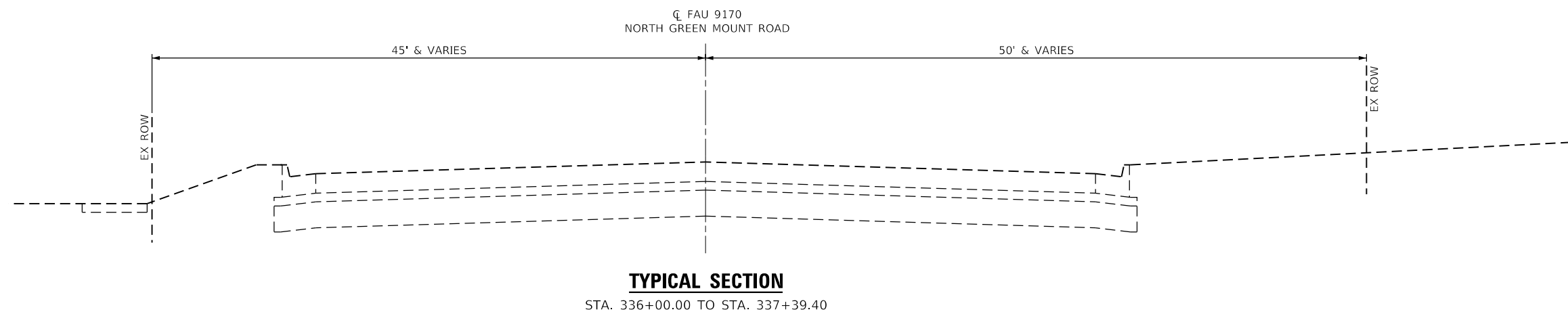
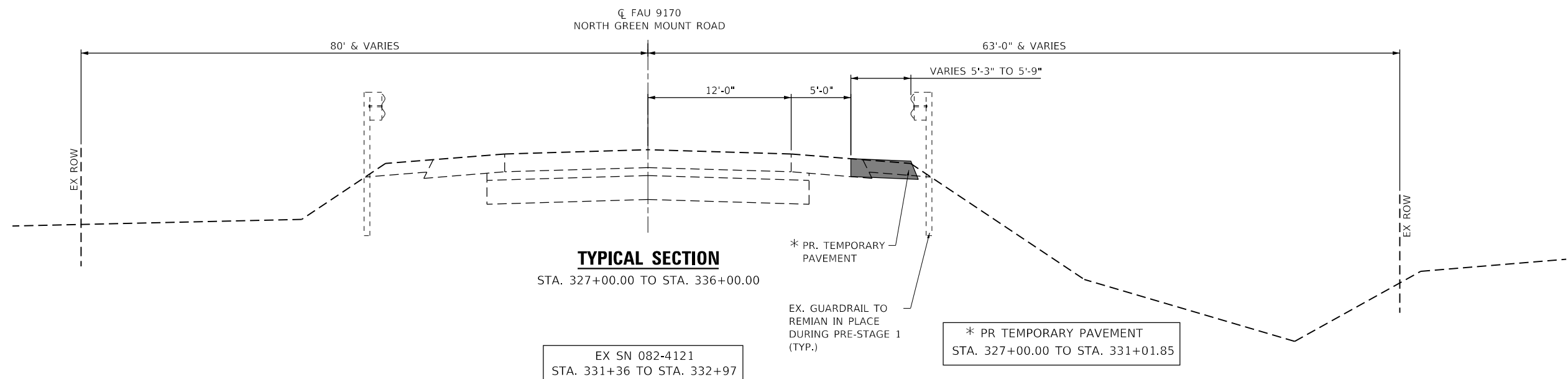
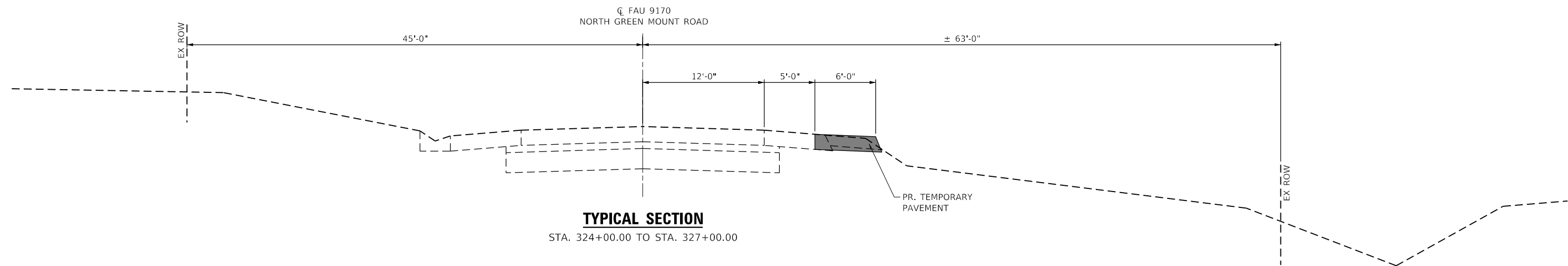


VILLAGE OF SHILOH

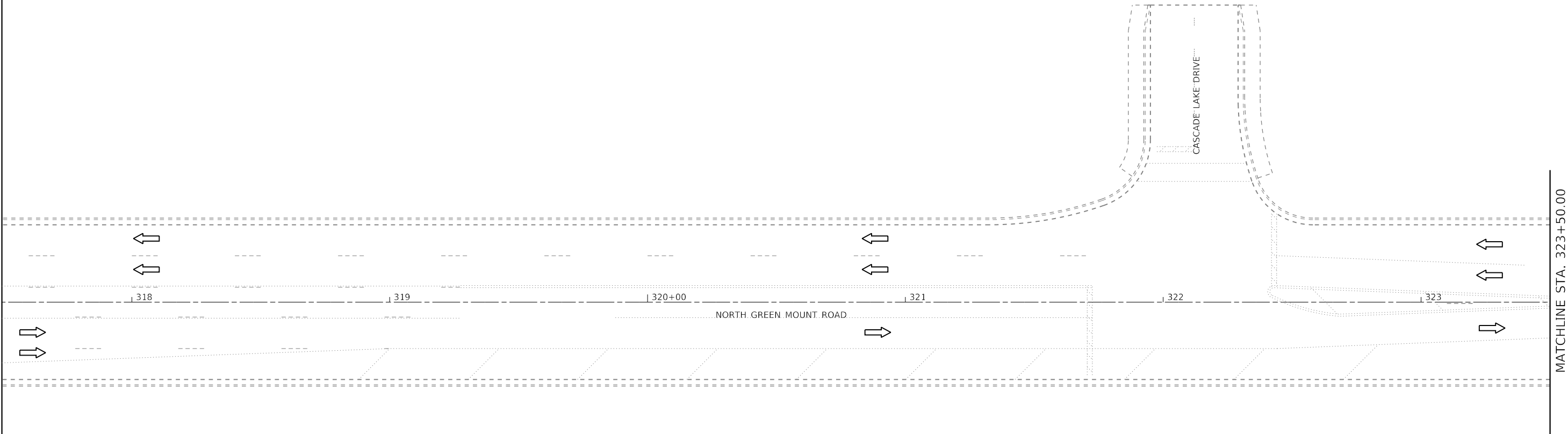
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	25
CONTRACT NO. 97892				
		ILLINOIS	FED. AID PROJECT	



CONSTRUCTION THIS STAGE

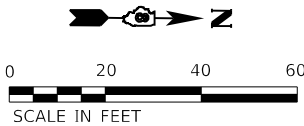


NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.
2. THE PLANS HAVE BEEN DEVELOPED ASSUMING PAVEMENT FOR CN 97873 HAS BEEN CONSTRUCTED AND WILL BE IN PLACE. DEPENDING ON ACTUAL CONSTRUCTION TIMELINE(S), ADJUSTMENTS TO TEMPORARY PAVEMENT MARKINGS MAY BE NECESSARY. THESE ADJUSTMENTS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

LEGEND

- TRAFFIC FLOW
- WORK ZONE
- TEMPORARY PAVEMENT
- DRUMS OR BARRICADES W/ STEADY BURN WARNING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE 3 BARRICADE
- ARROWBOARD



MODEL Default
FILE NAME: F:\2021\211364\A4 CADD - DWG\A4.7 TranCADD Streets\211364A-MOT000-00.dgn



TWM, INC.
www.twm-inc.com

IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



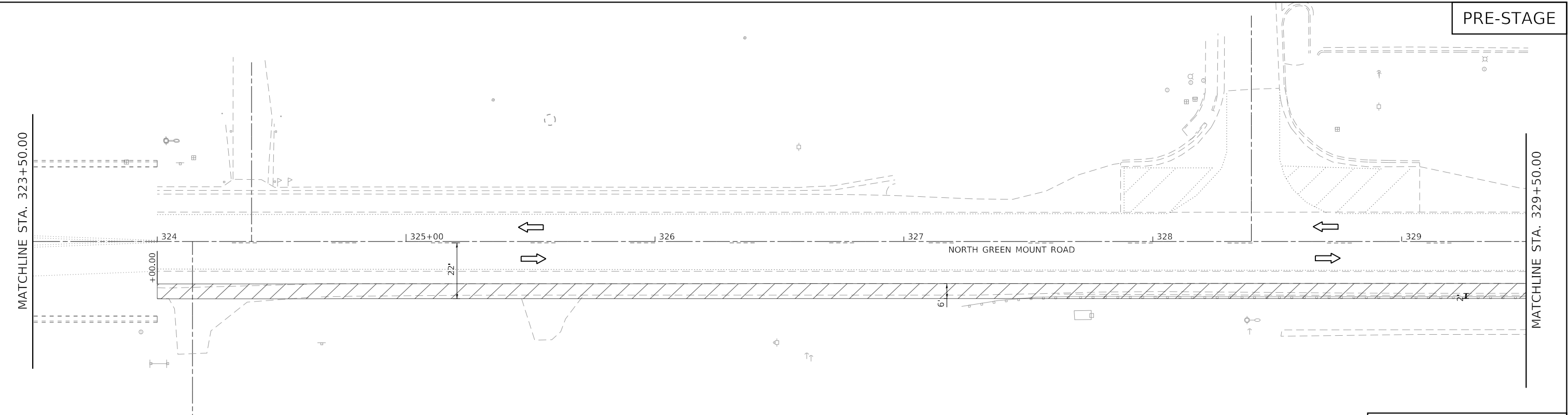
VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
PRE-STAGE 1 – PLAN

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 317+49.60 TO STA. 323+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	27
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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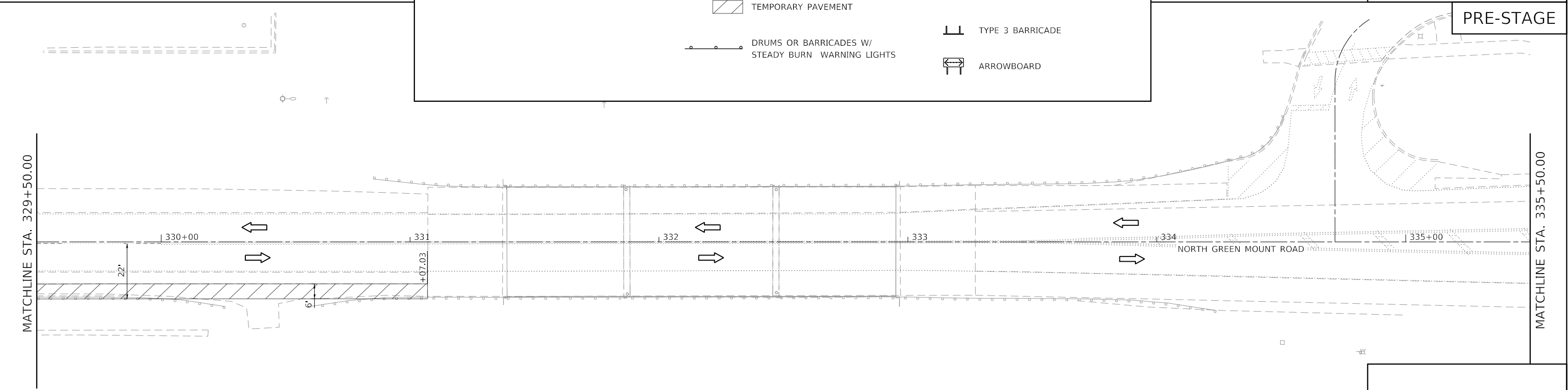
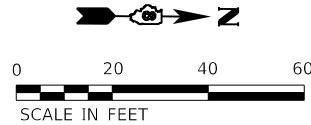


NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.

LEGEND

- TRAFFIC FLOW
- WORK ZONE
- TEMPORARY PAVEMENT
- DRUMS OR BARRICADES W/ STEADY BURN WARNING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE 3 BARRICADE
- ARROWBOARD



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LICENSE NO: 184-001220

USER NAME	= efisher
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 3/5/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PRE-STAGE 1 - PLAN

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 323+50.00 TO STA. 335+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	28
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 335+50.00

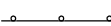
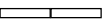
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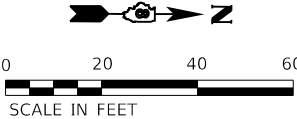
FRANK SCOTT PARKWAY EAST

NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.

LEGEND

-  TRAFFIC FLOW
-  WORK ZONE
-  TEMPORARY PAVEMENT
-  DRUMS OR BARRICADES W/
STEADY BURN WARNING LIGHTS
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS,
TEMPORARY (FULLY REDIRECTIVE,
NARROW), TEST LEVEL 3
-  TYPE 3 BARRICADE
-  ARROWBOARD



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USER NAME	= efisher
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 3/5/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
PRE-STAGE 1 – PLAN

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 335+50.00 TO STA. 345+55.59

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	29
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

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	PLOT DATE = 3/5/2026	CHECKED -	REVISED -	



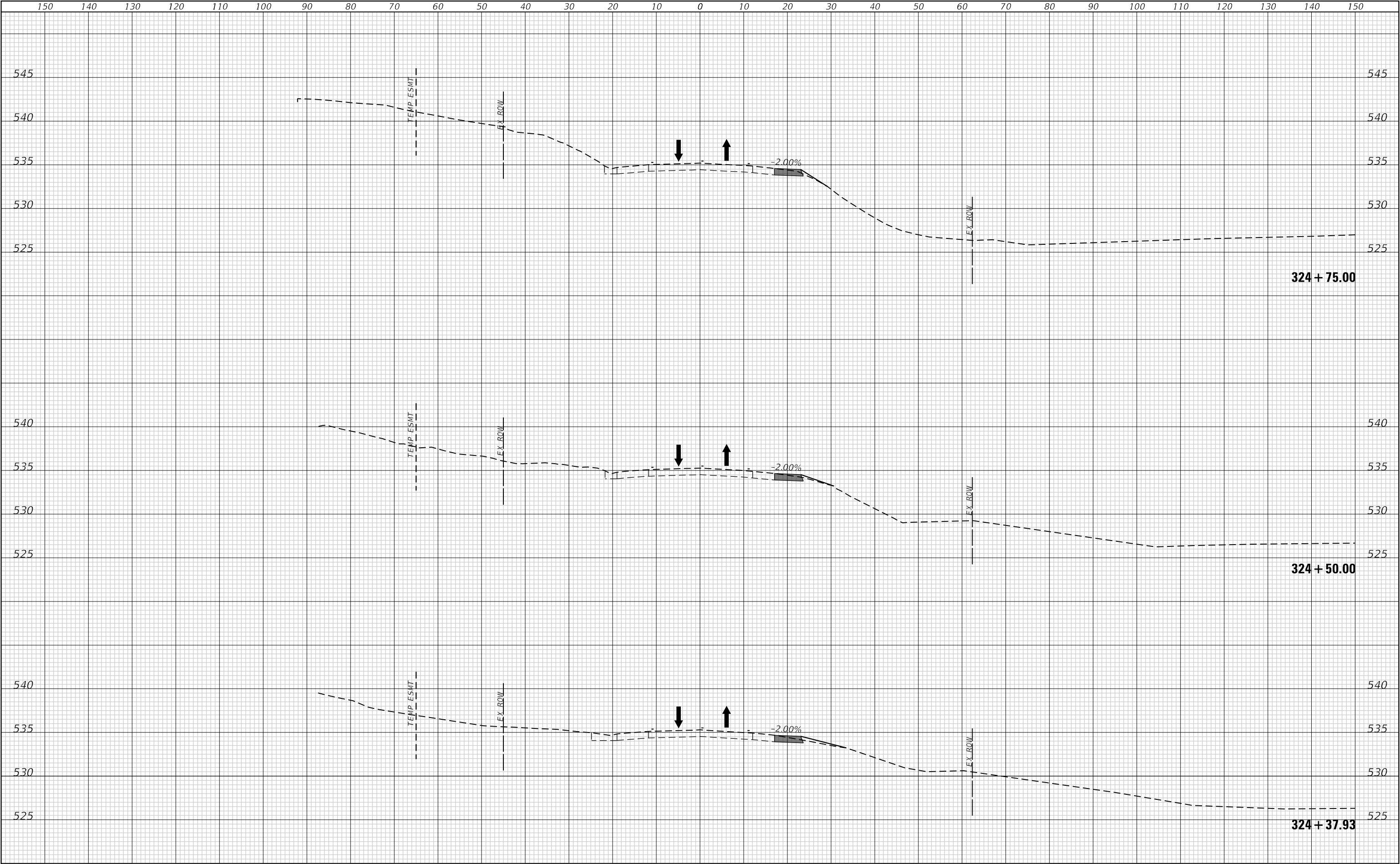
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL				
PRE-STAGE 1 - CROSS SECTIONS				
SCALE: 1"=10'	SHEET 1	OF 25 SHEETS	STA. 324+00.00 TO STA. 324+25.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	30
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

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

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

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PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
PRE-STAGE 1 - CROSS SECTIONS

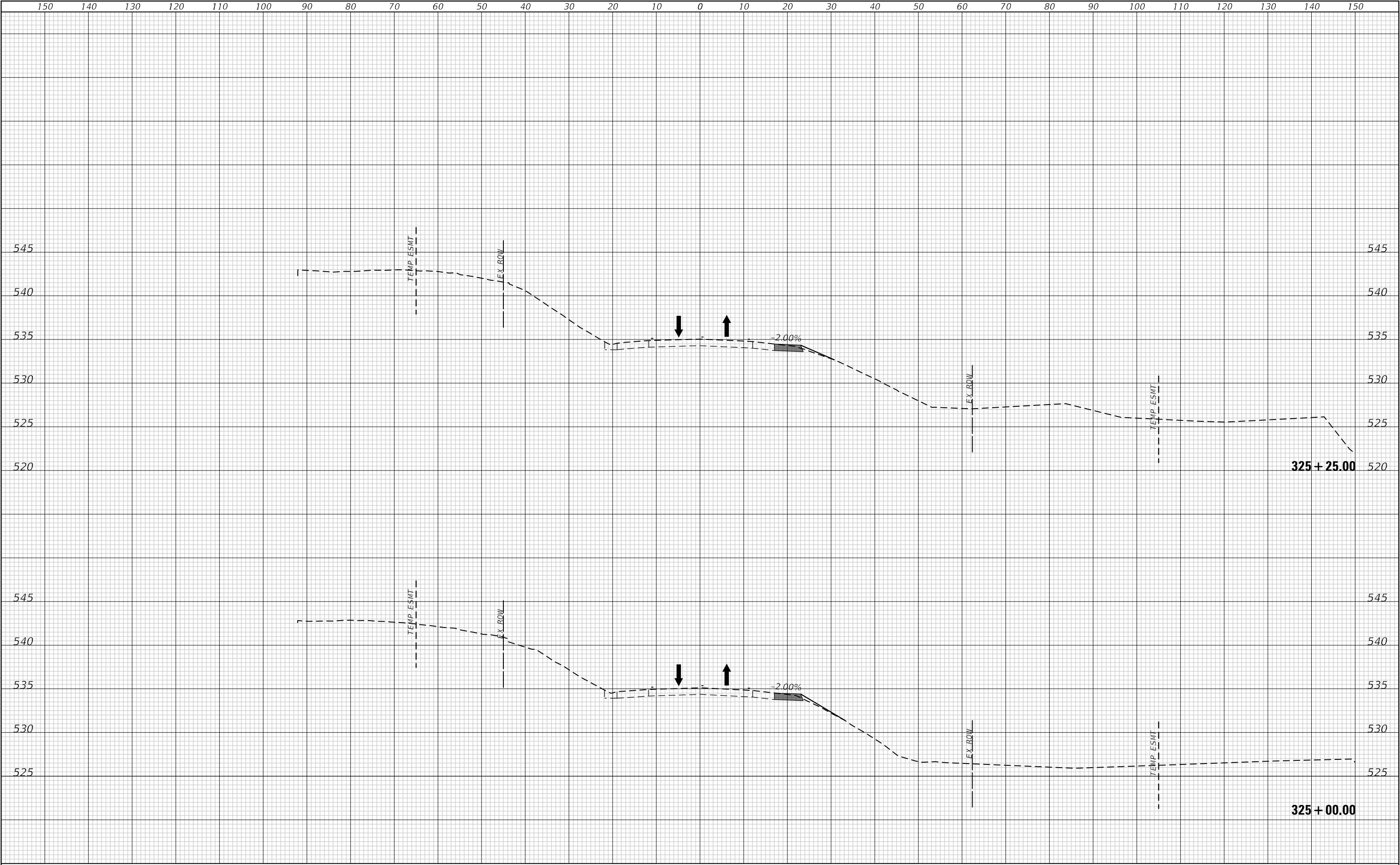
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	31
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

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PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

PRE-STAGE 1 - CROSS SECTIONS

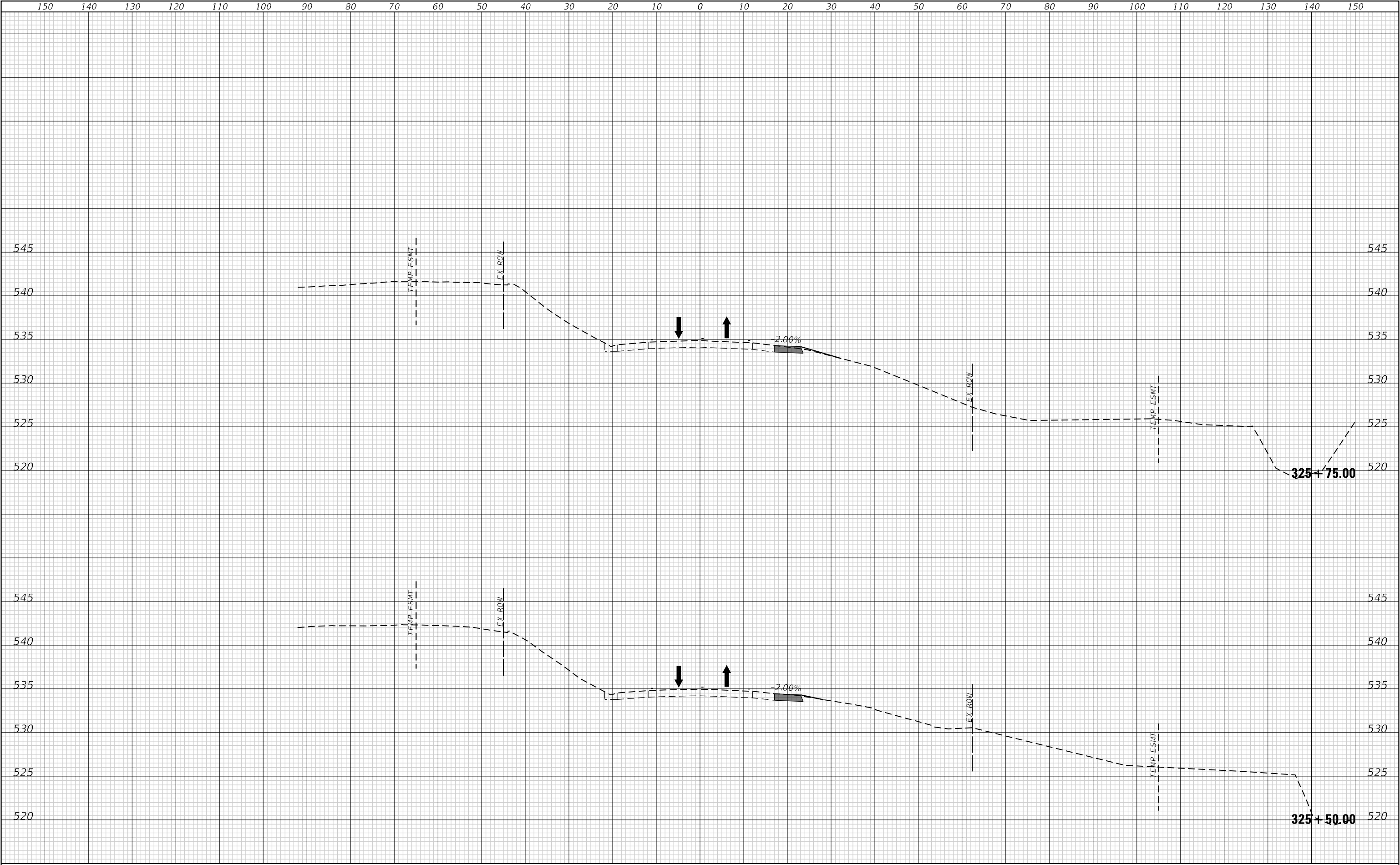
SCALE: 1"=10' SHEET 3 OF 25 SHEETS STA. 325+00.00 TO STA. 325+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	32
CONTRACT NO. 97892				
ILLINOIS		FED. AID PROJECT		

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

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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

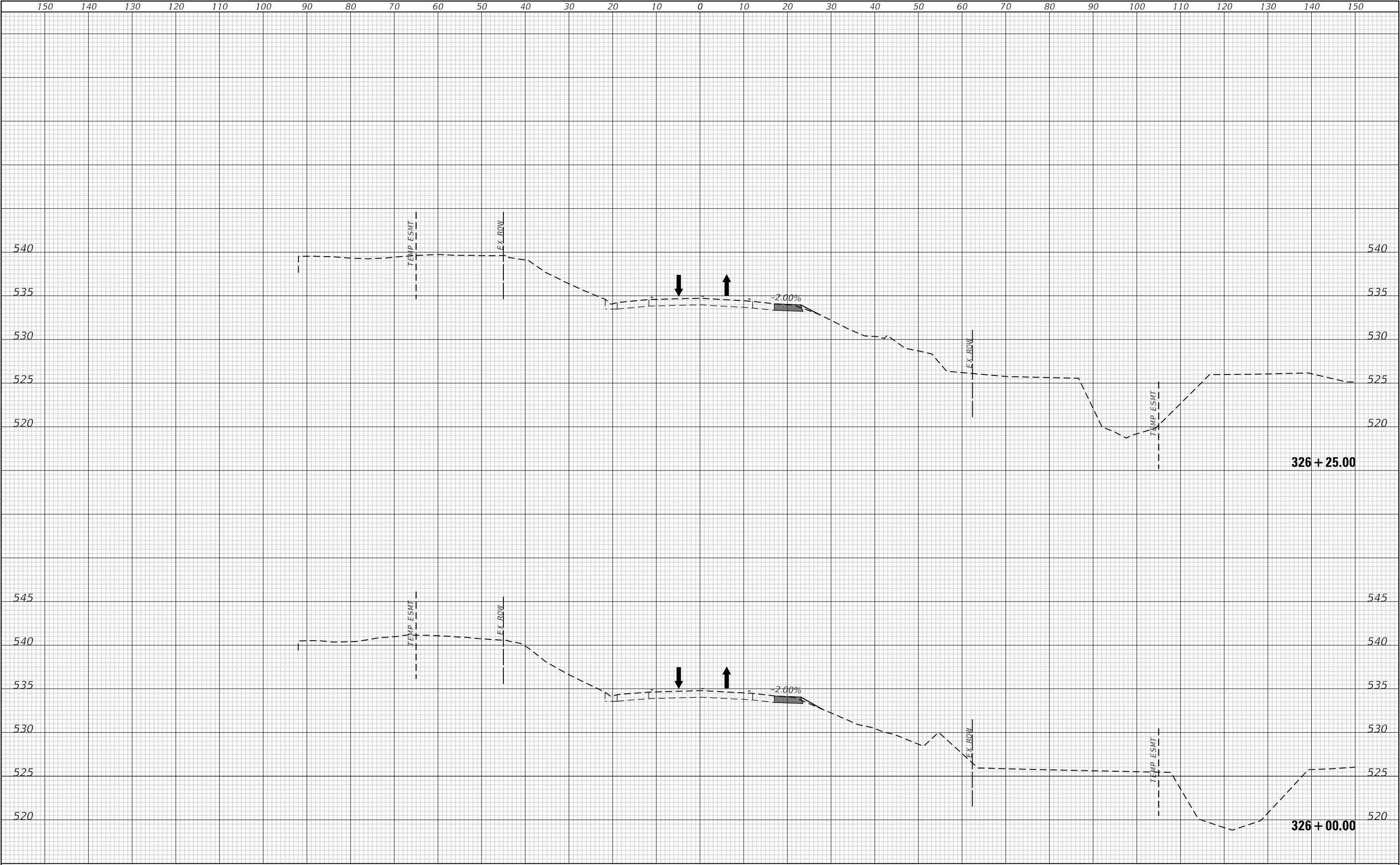
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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

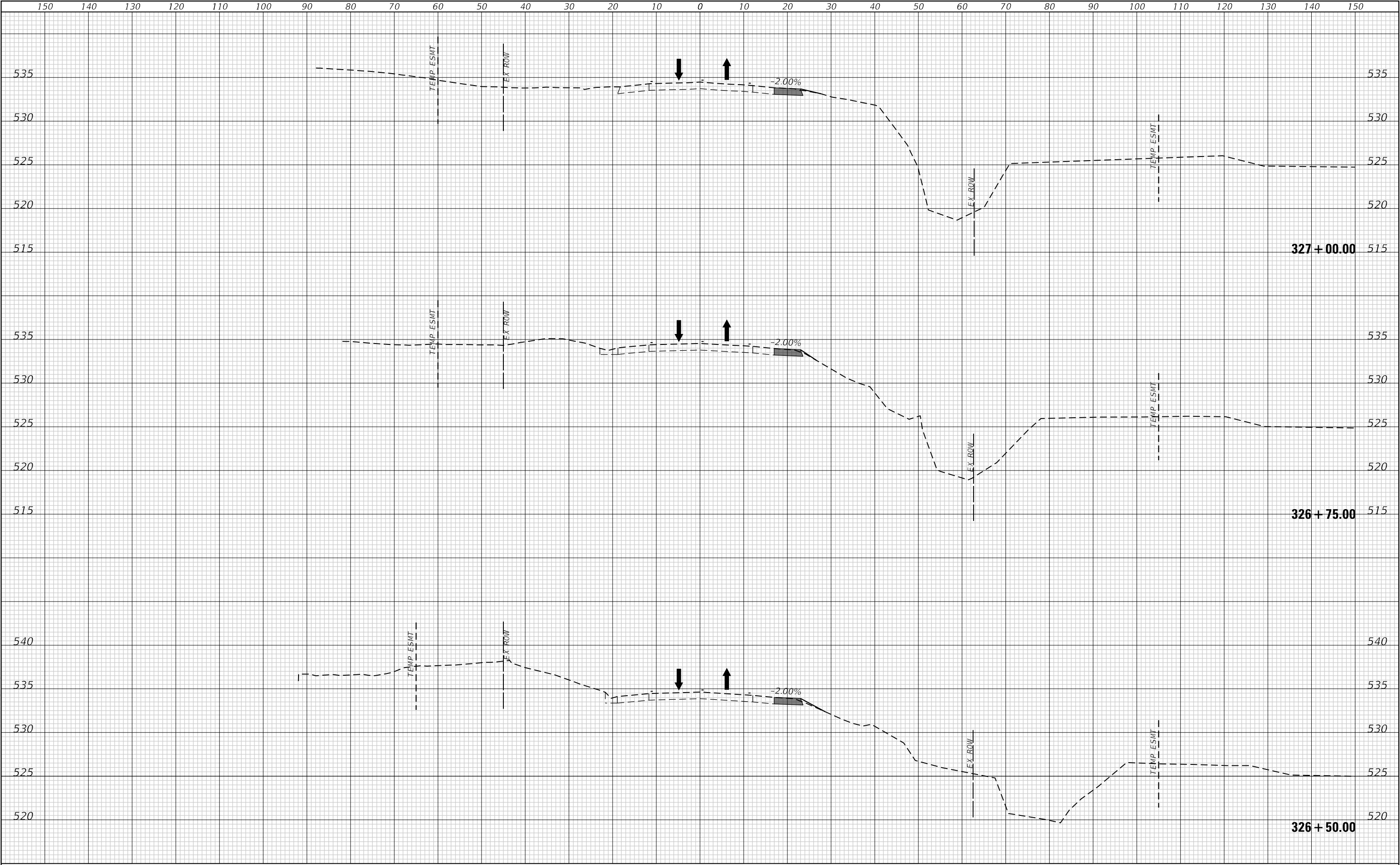
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FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

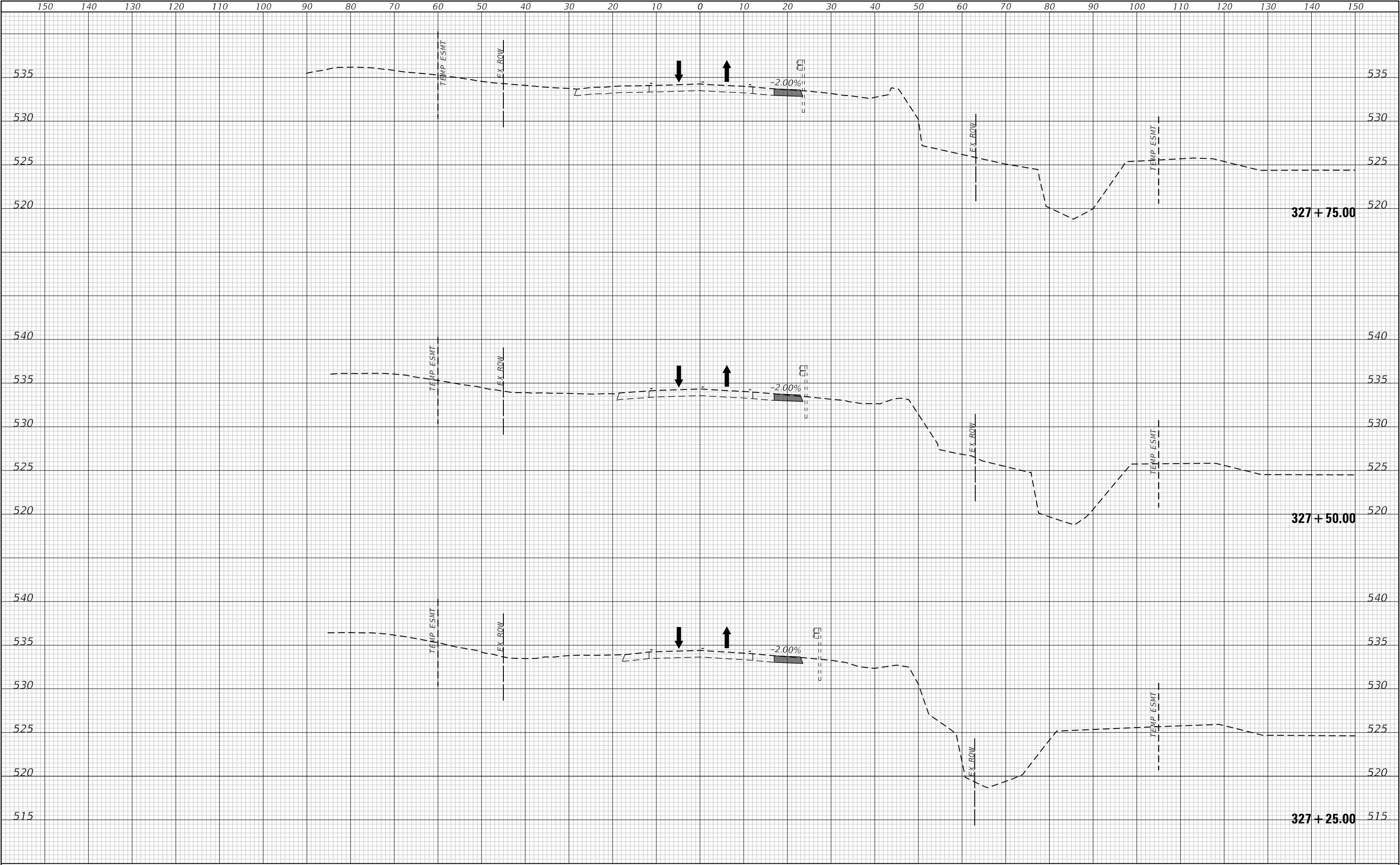
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

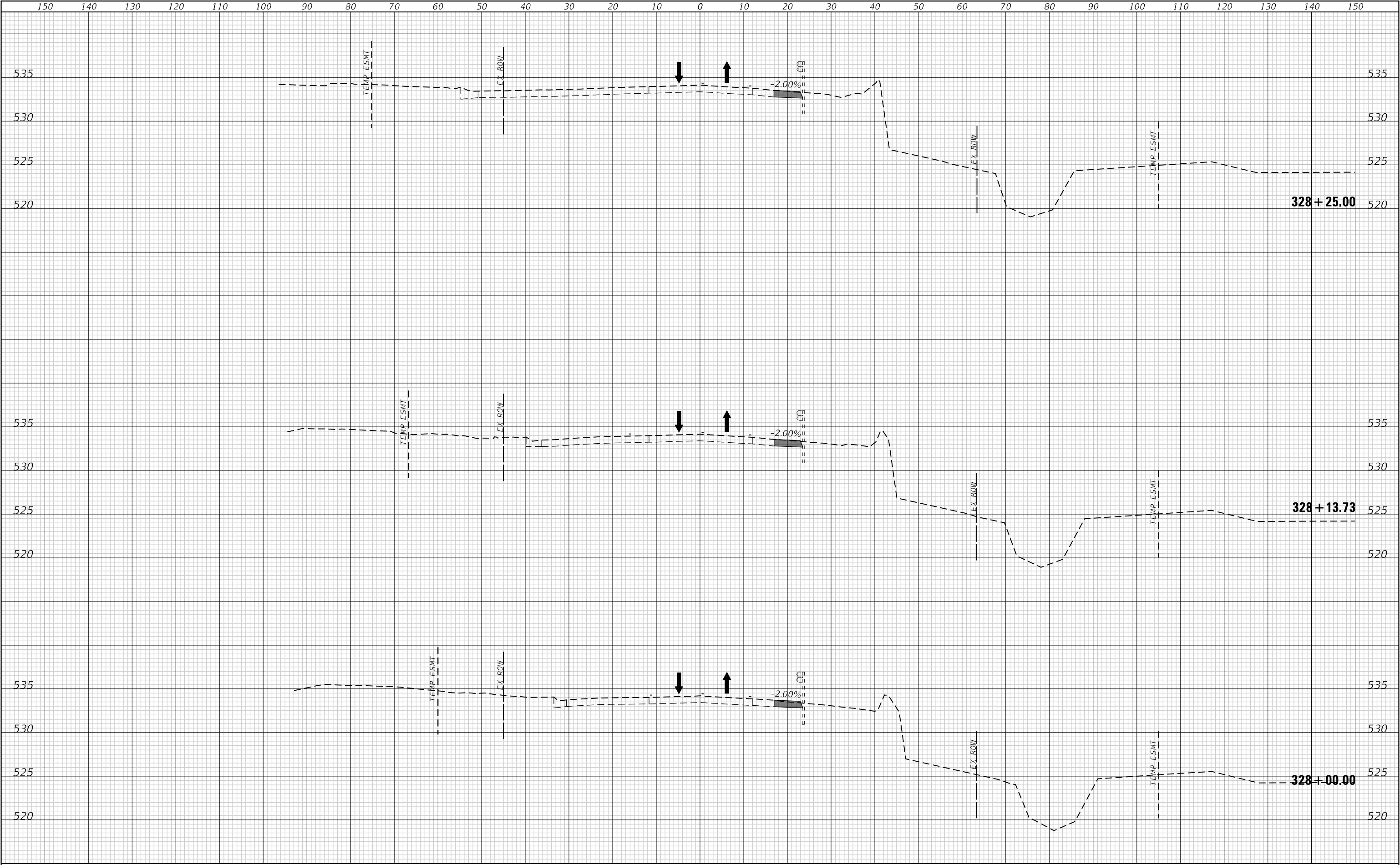
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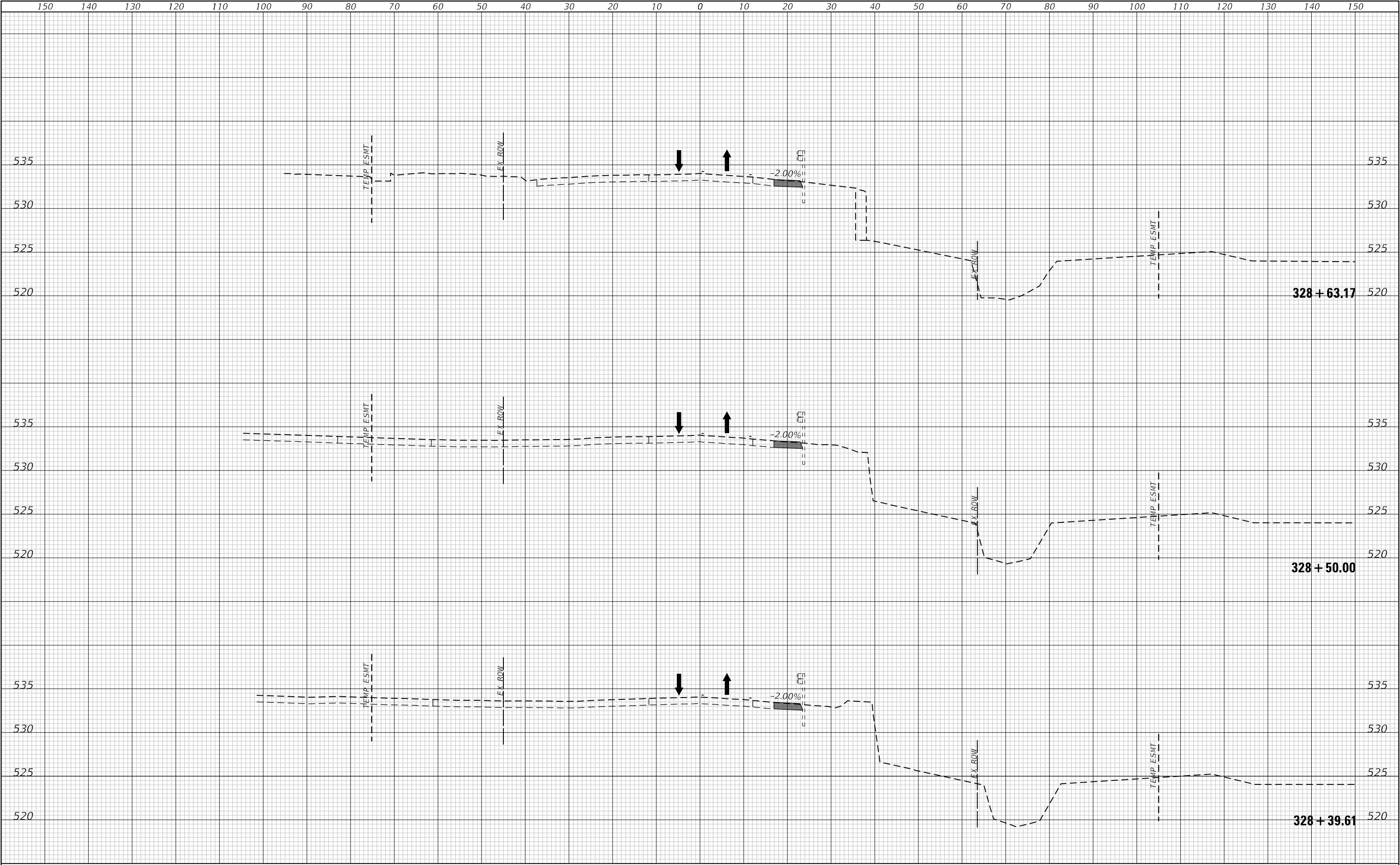
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NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

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NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

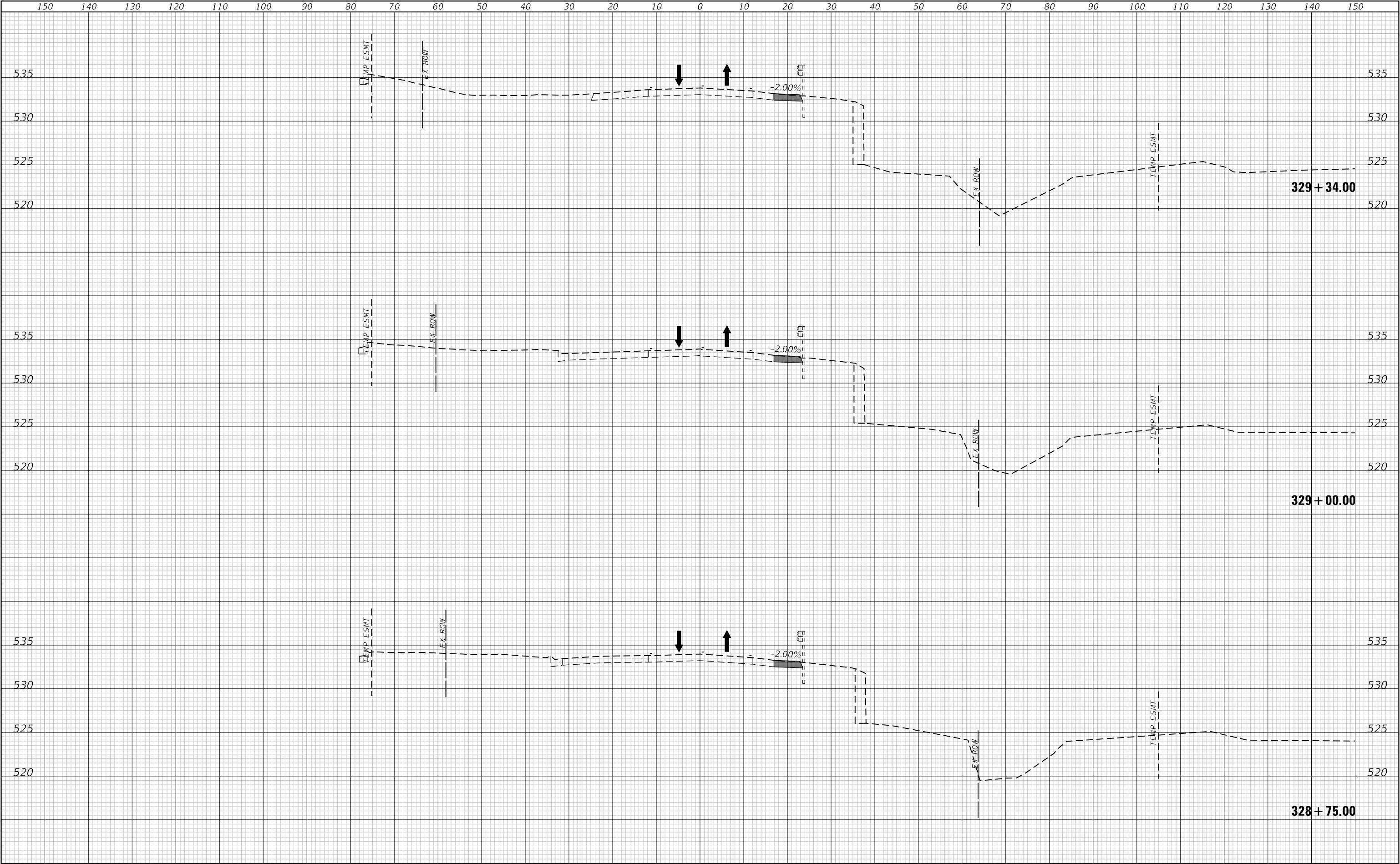
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SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

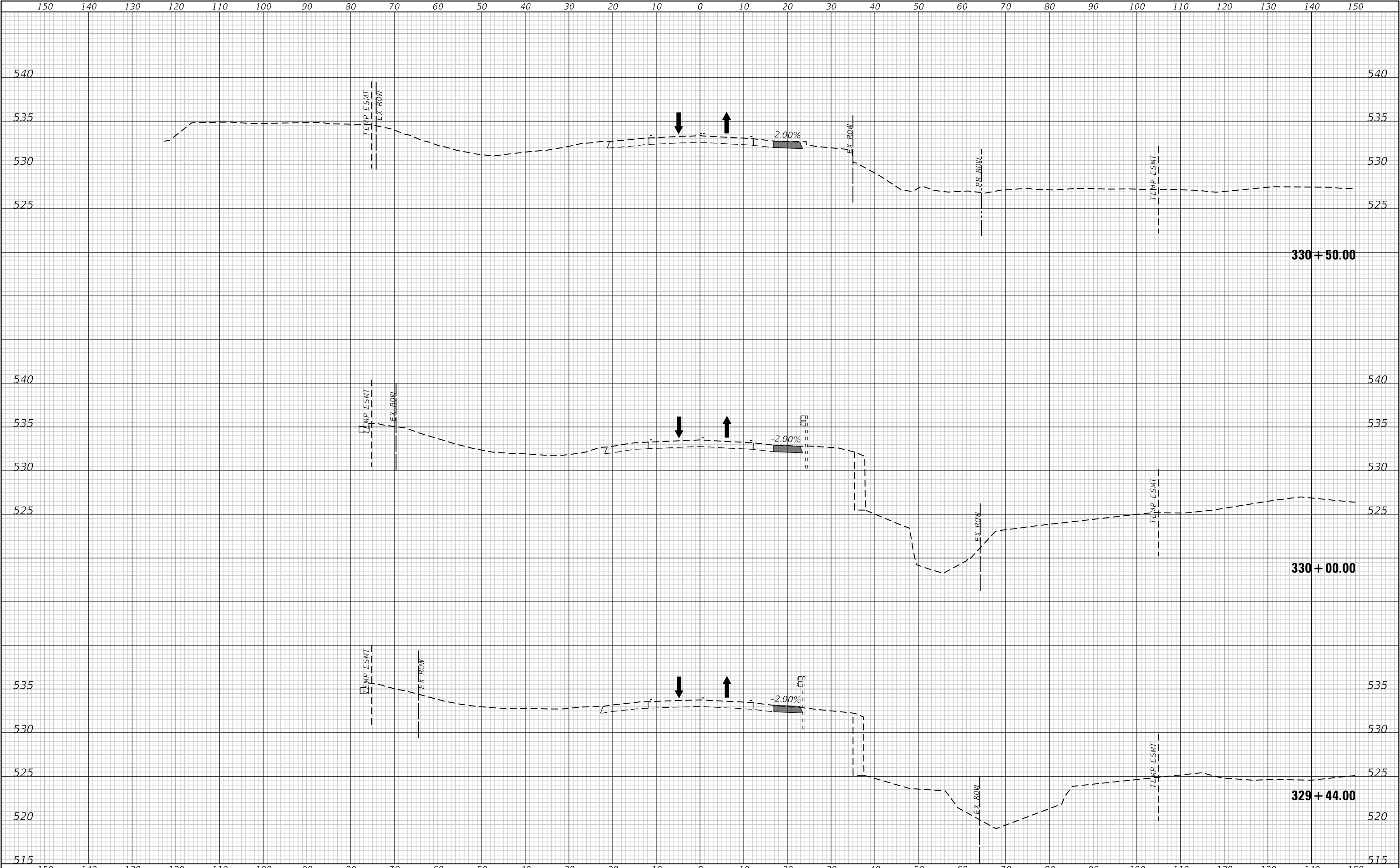
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NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

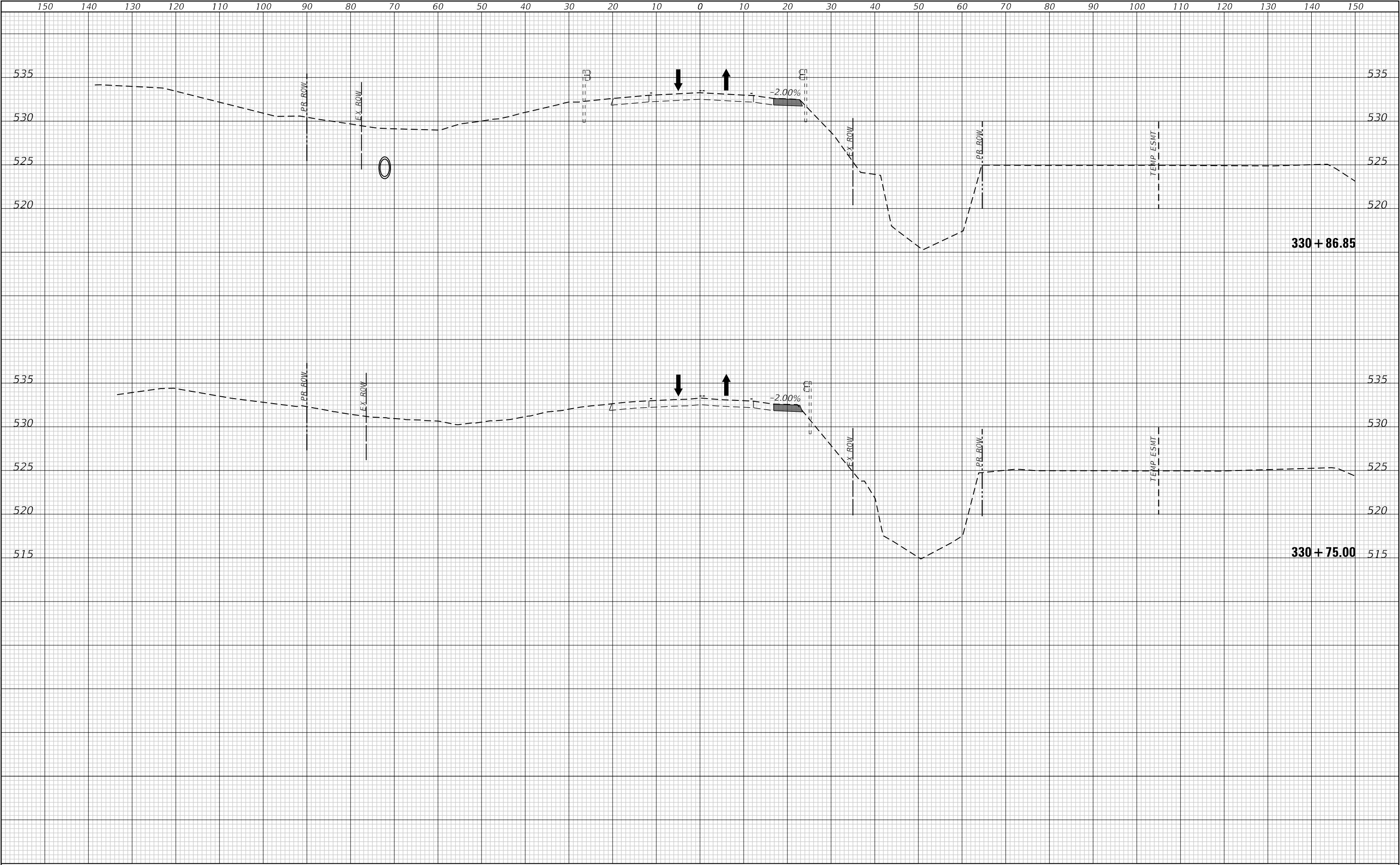
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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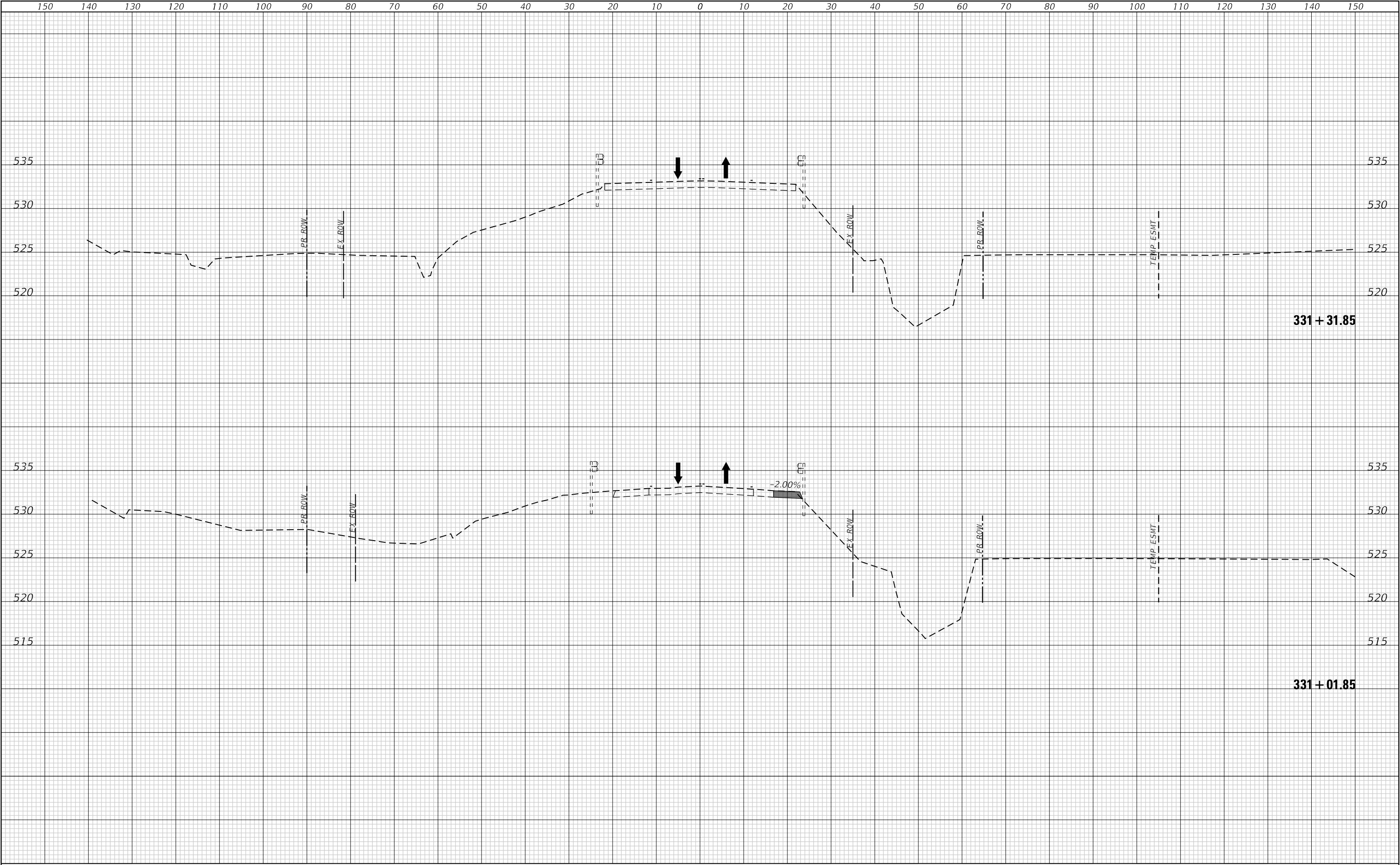
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SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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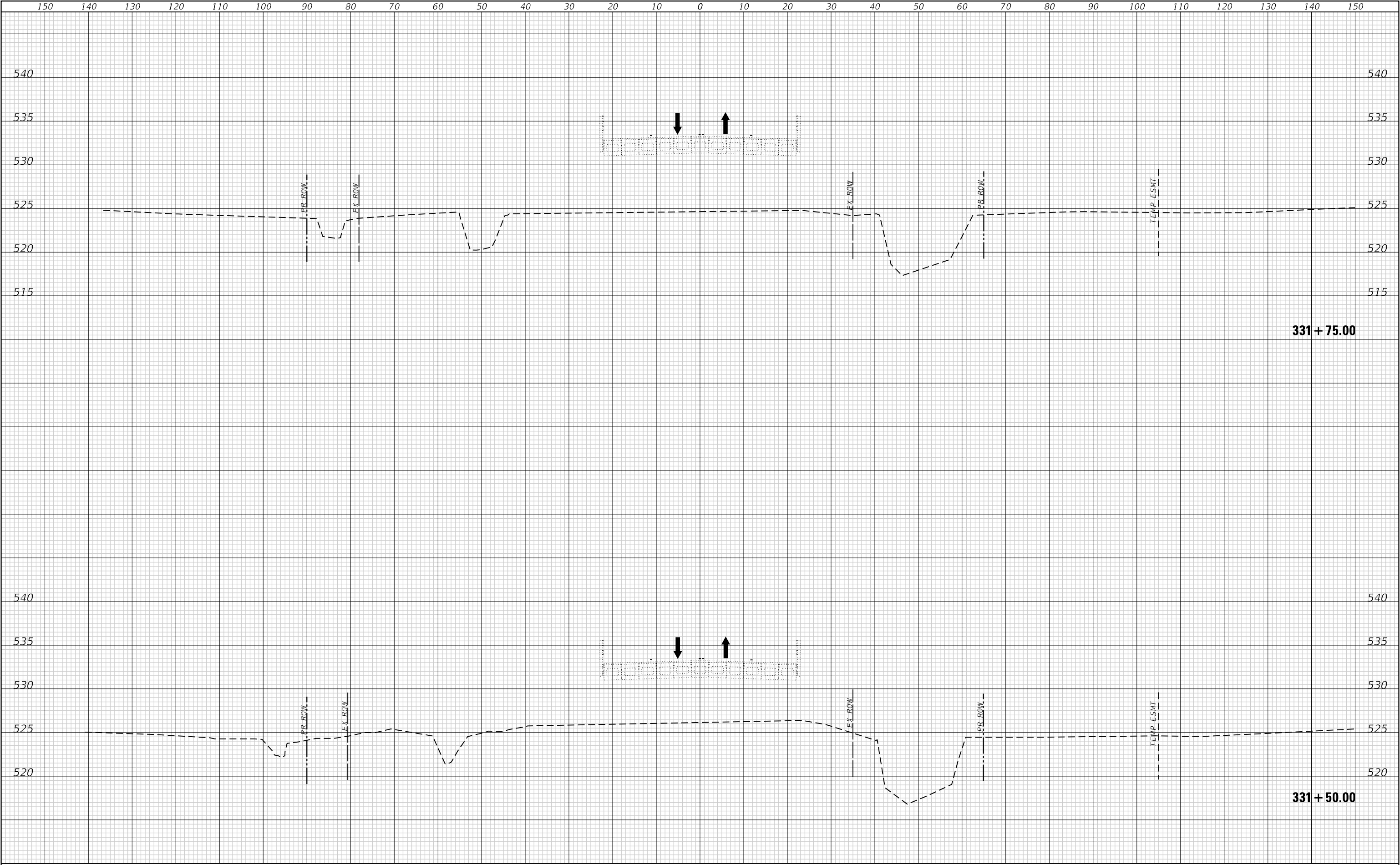
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

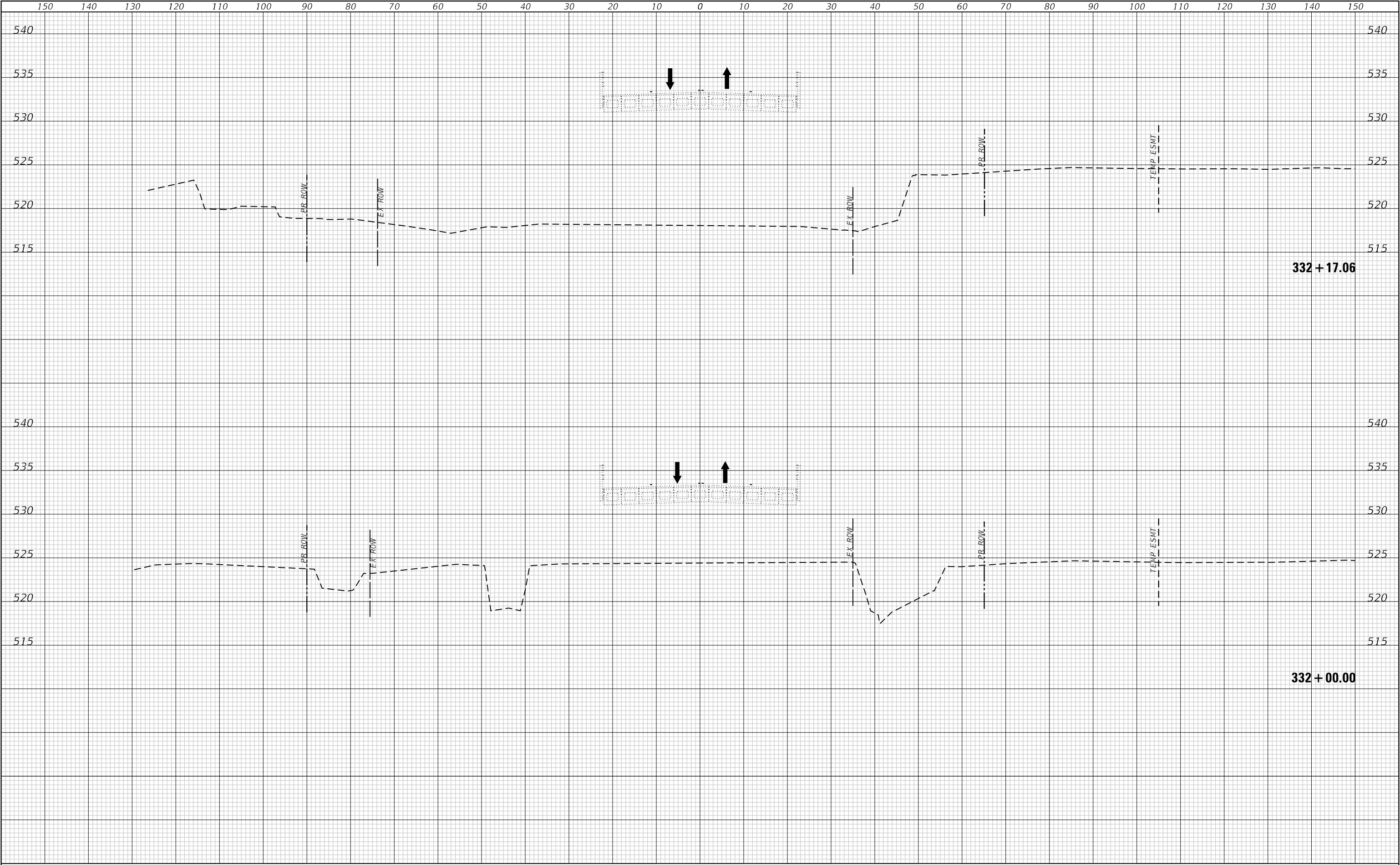
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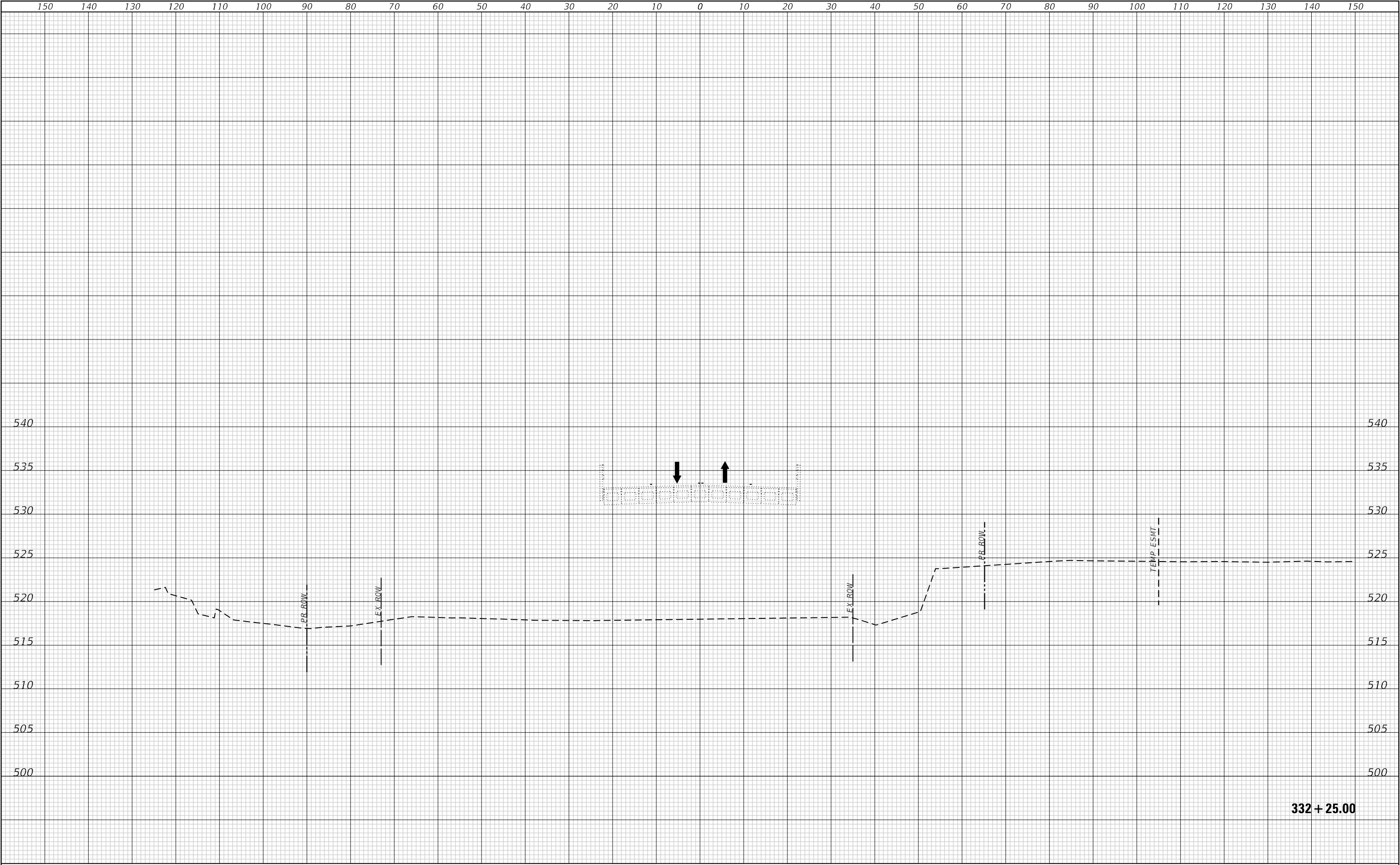
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL Default
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PLOT DATE = 3/5/2026	DATE -	REVISED -



SHILOH

VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
PRE-STAGE 1 - CROSS SECTIONS

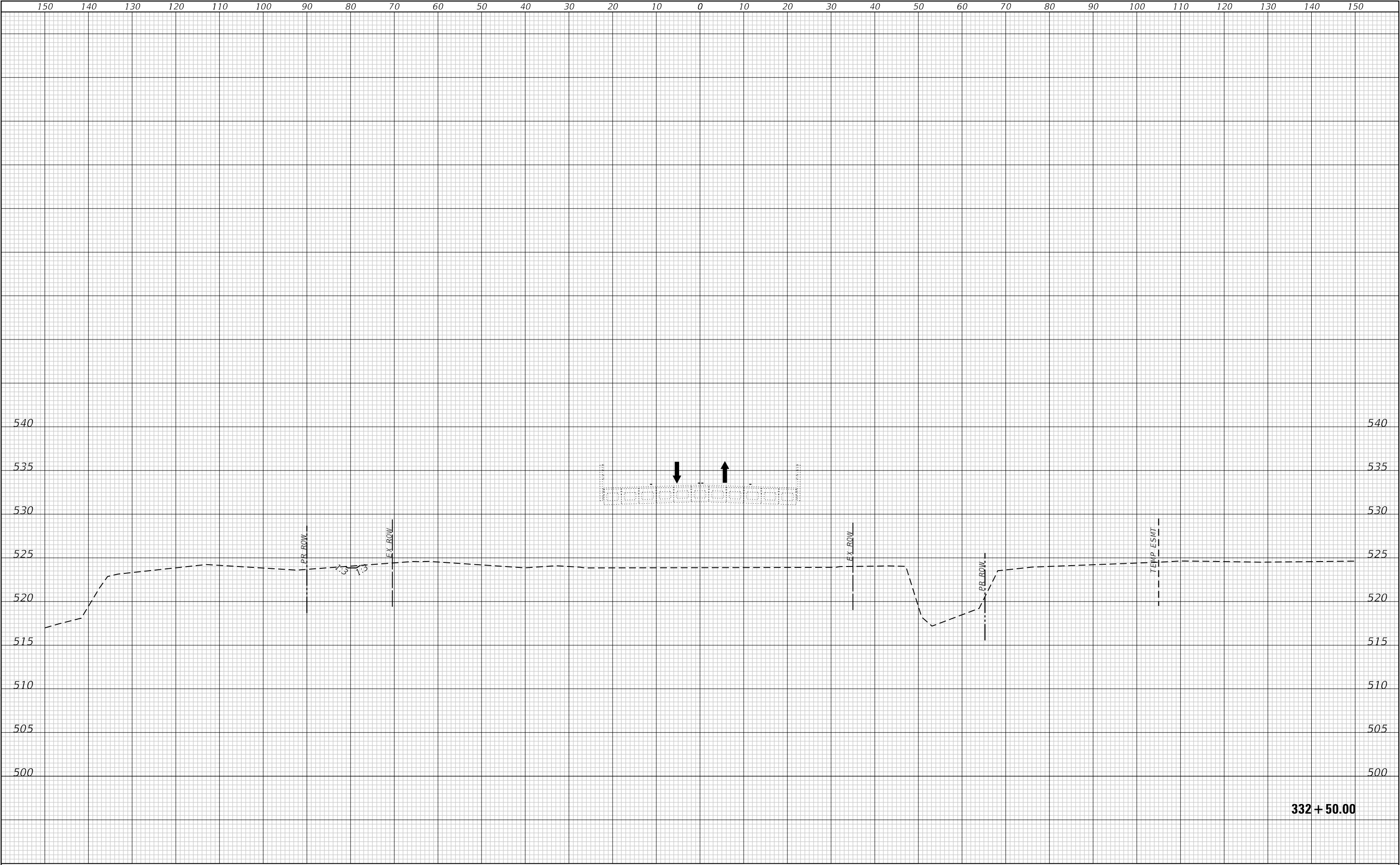
SCALE: 1"=10' SHEET 16 OF 25 SHEETS STA. 332+25.00 TO STA. 332+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	45
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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	DRAWN -	REVISED -
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PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

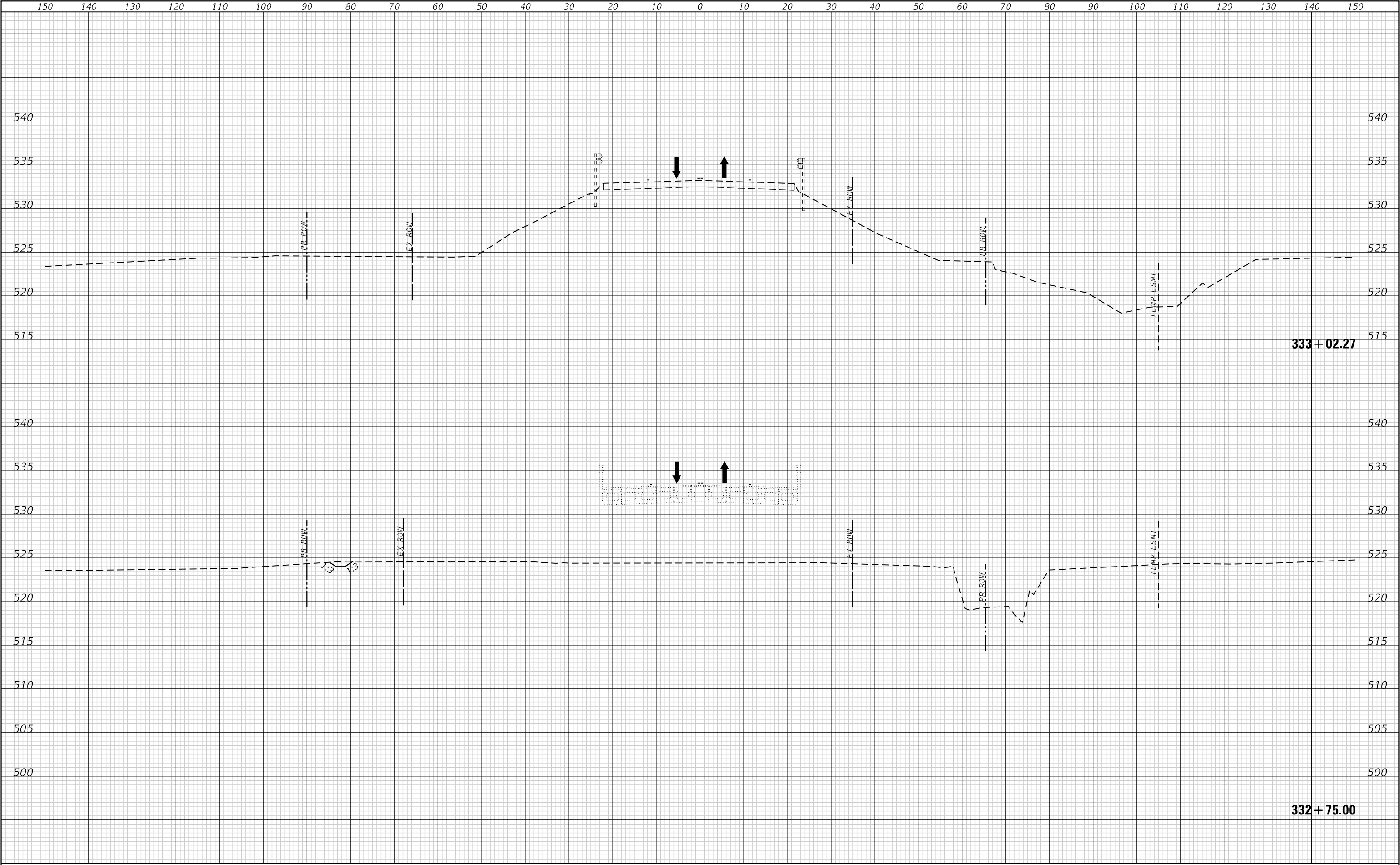
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
PRE-STAGE 1 - CROSS SECTIONS
SCALE: 1"=10' SHEET 17 OF 25 SHEETS STA. 332+50.00 TO STA. 332+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	46
CONTRACT NO. 97892				
ILLINOIS		FED. AID PROJECT		

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

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
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NO.	AREAS CHECKED		

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	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
PRE-STAGE 1 - CROSS SECTIONS

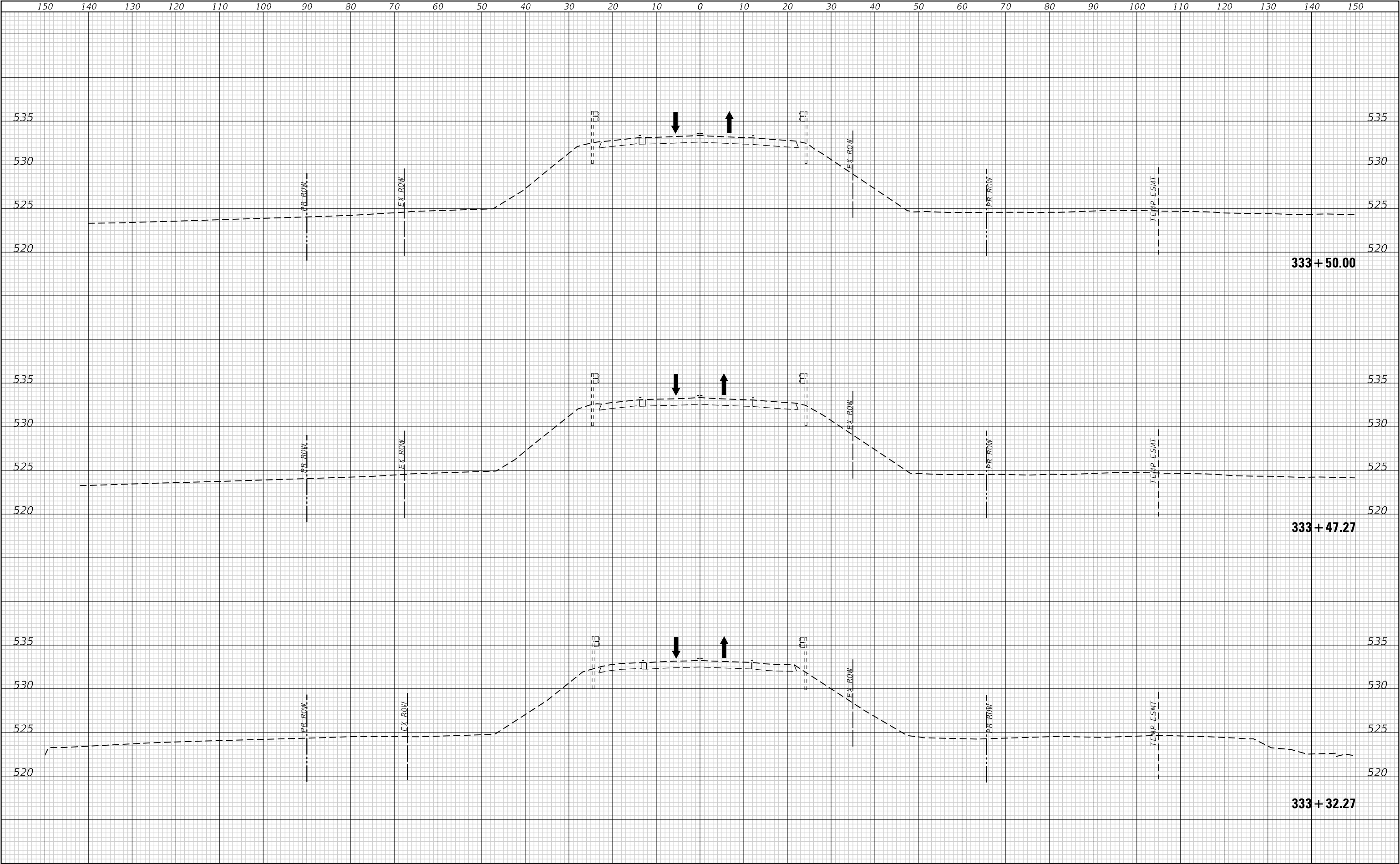
SCALE: 1"=10'	SHEET 18 OF 25 SHEETS	STA. 332+75.00 TO STA. 333+02.27
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	47
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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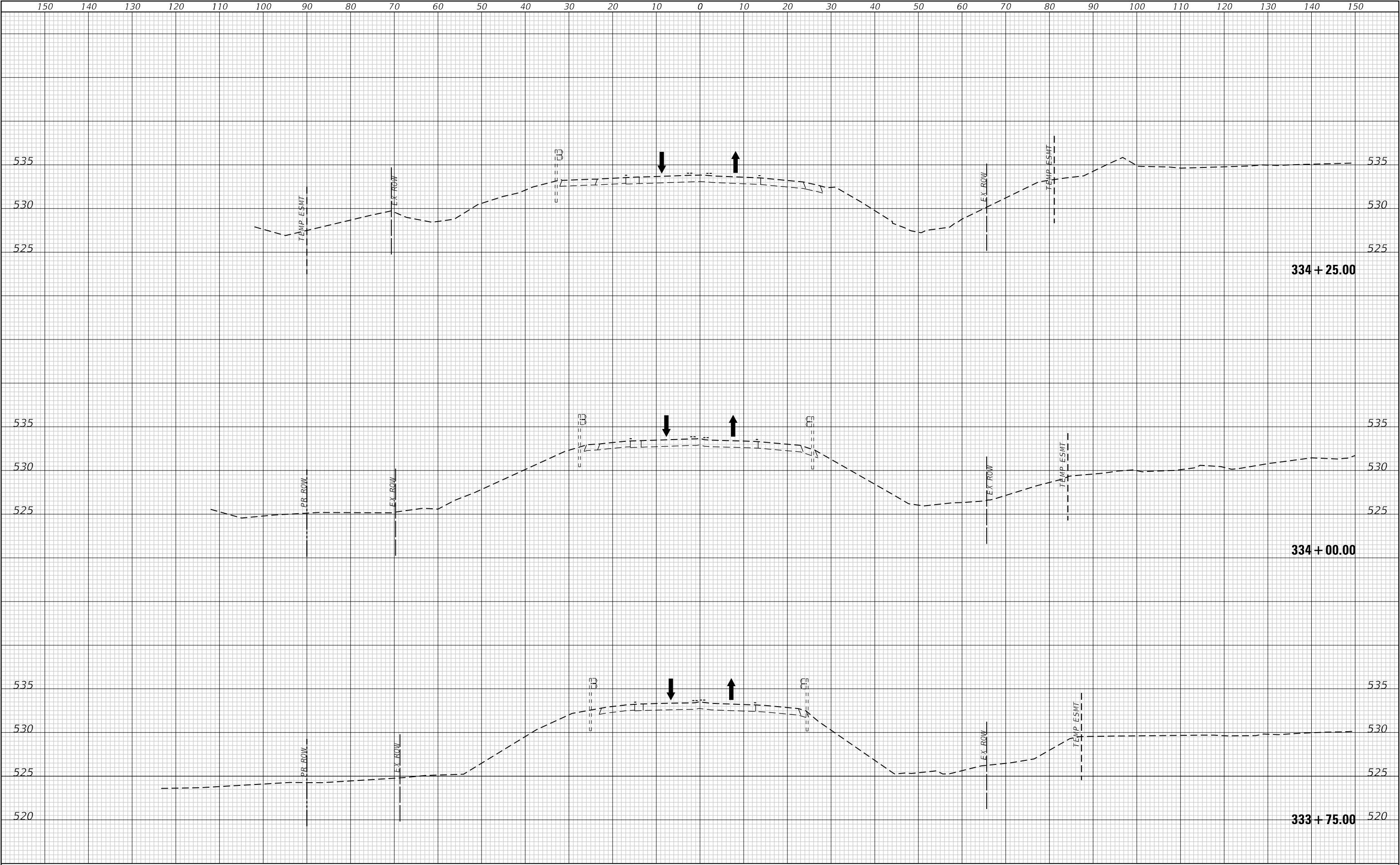
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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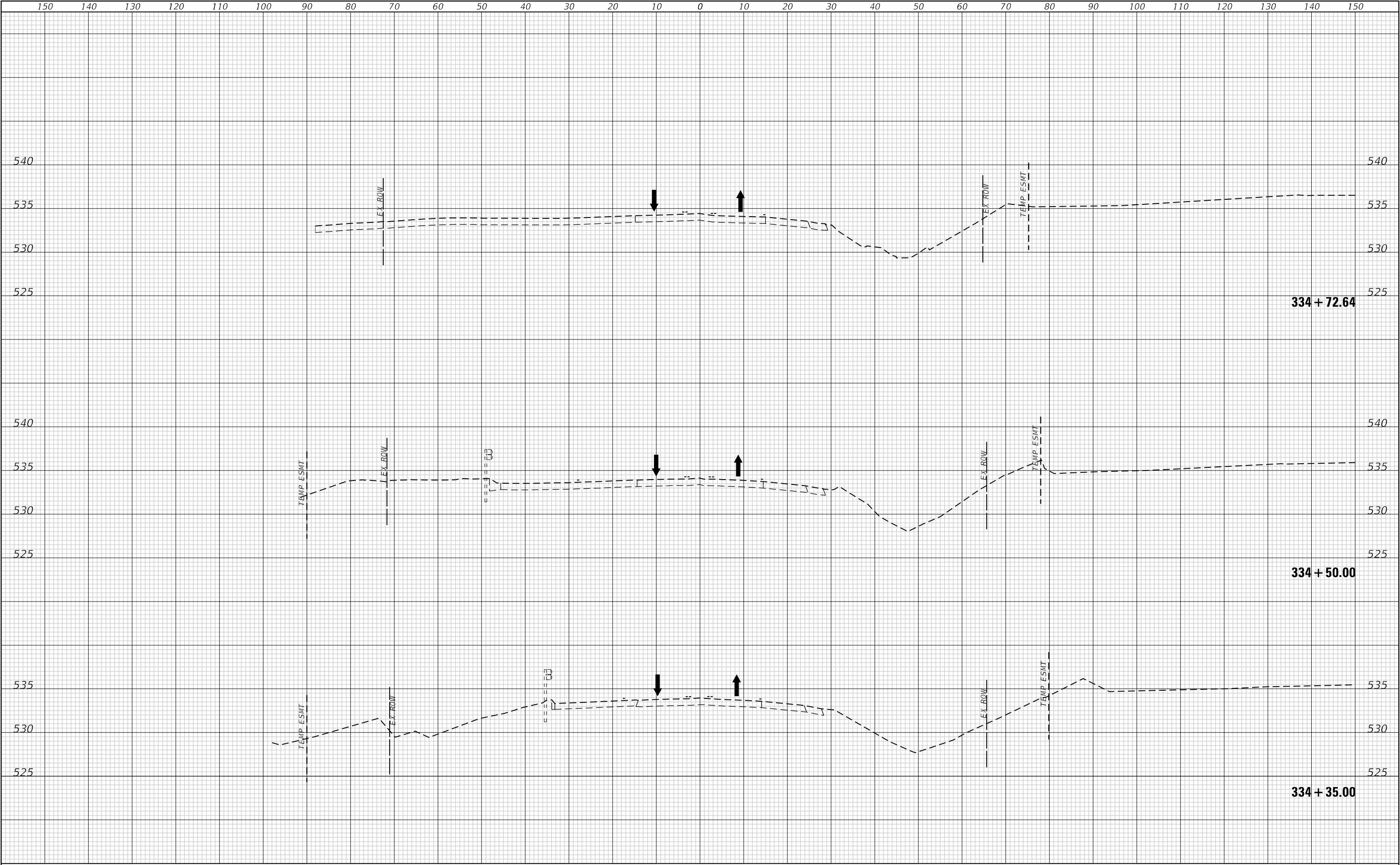
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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NOTE BOOK	PLOTTED		
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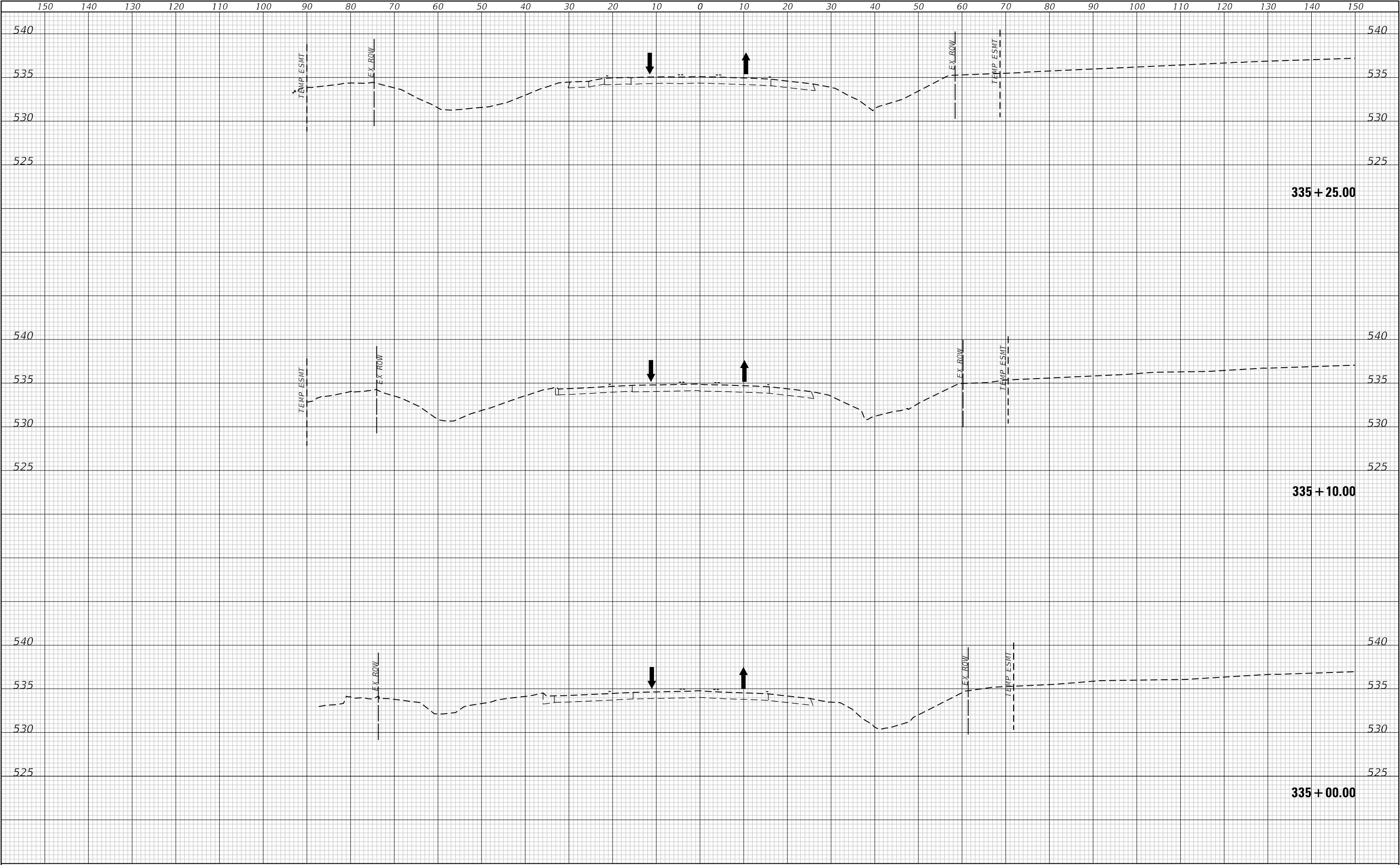
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BY	SURVEYED PLOTTED AREAS	DATE

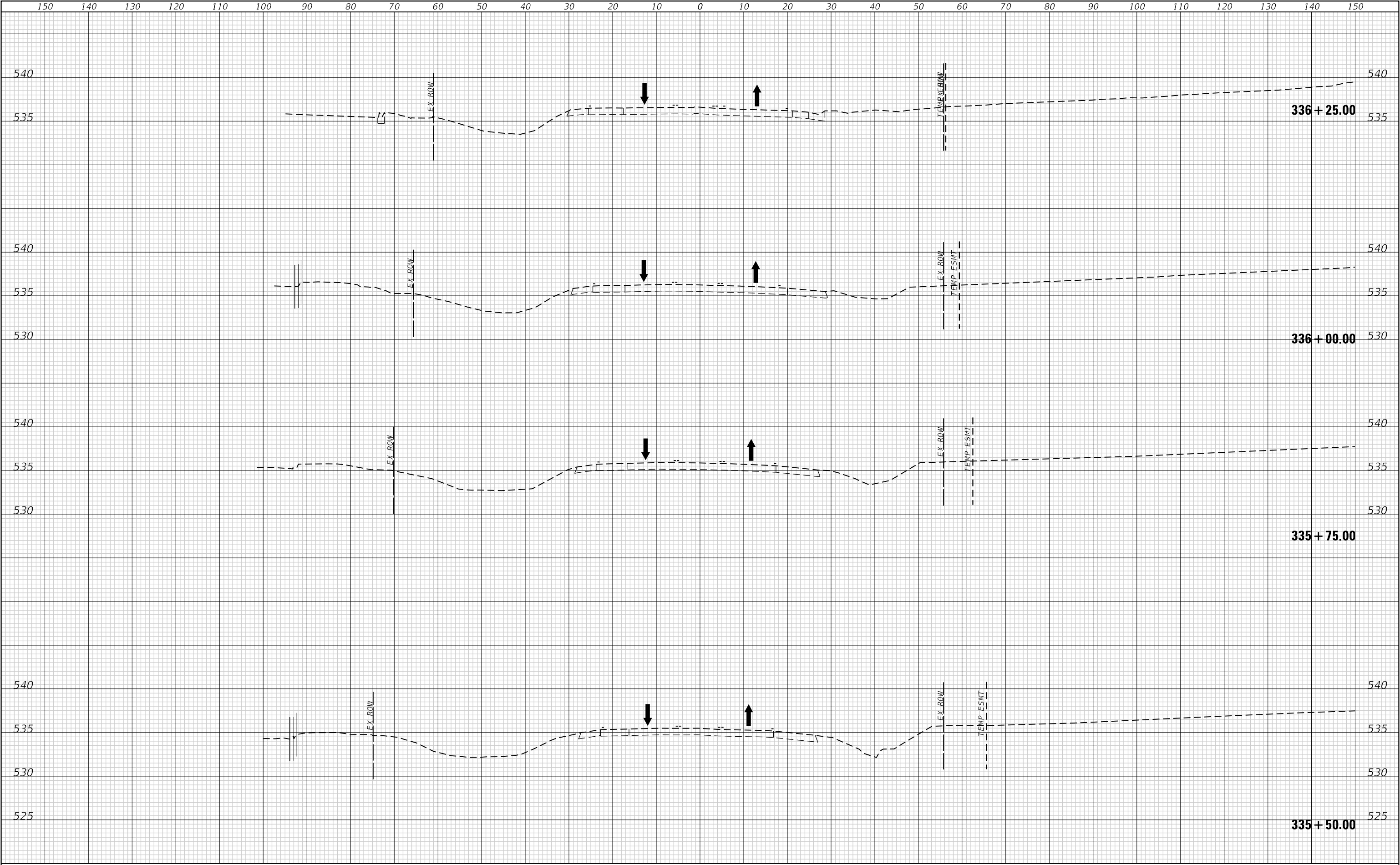
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FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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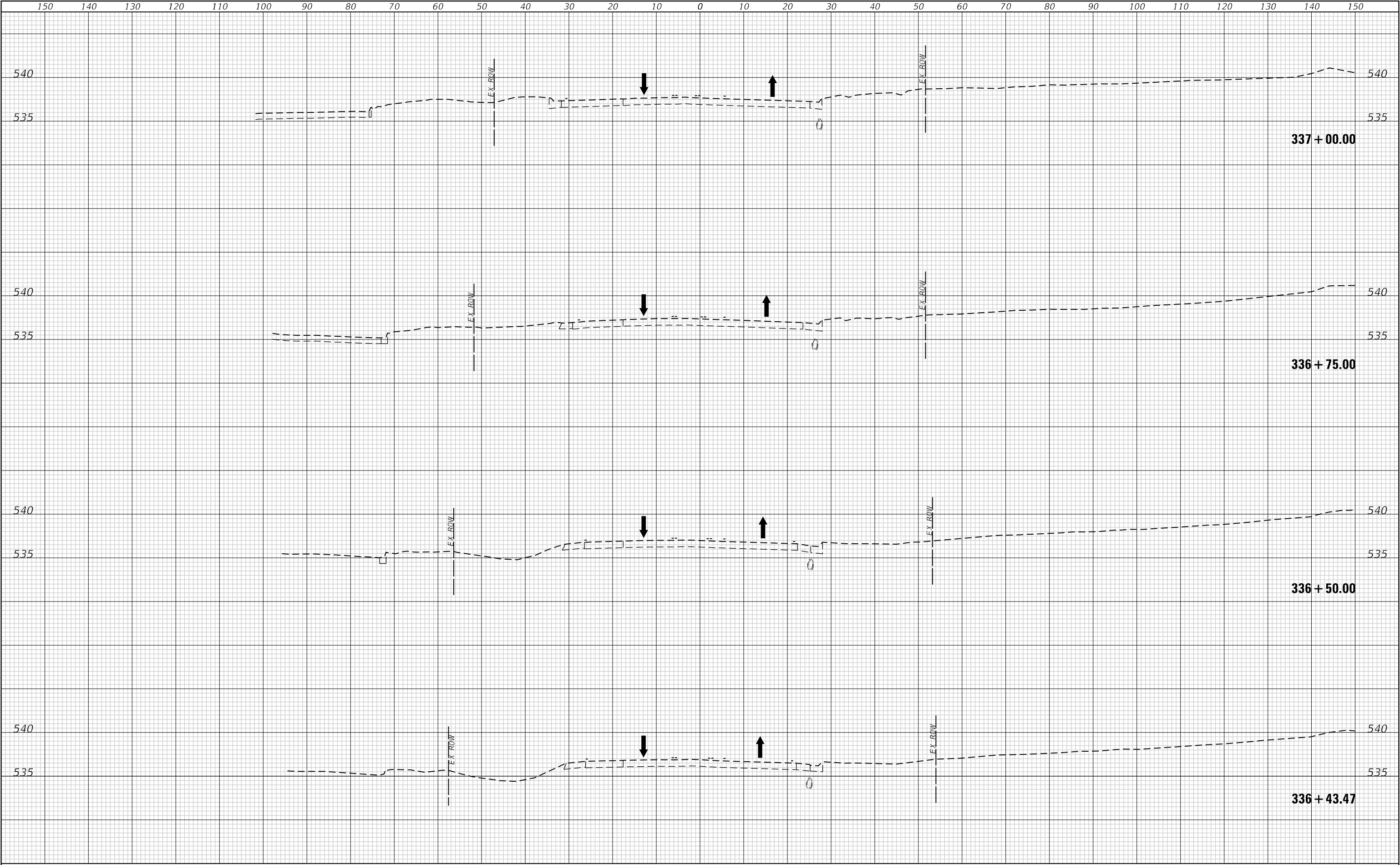
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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

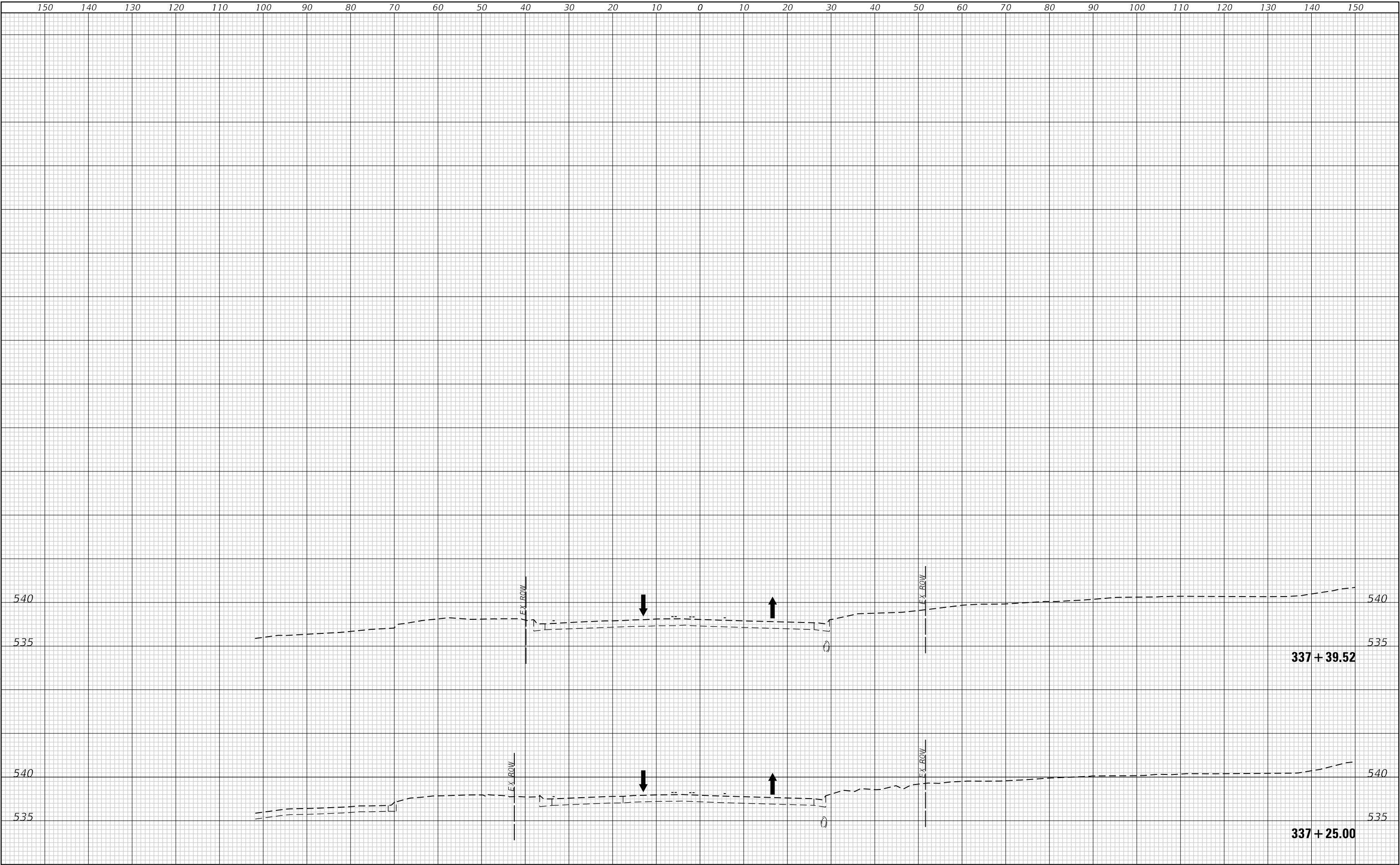
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	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		

ORIGINAL SURVEY NOTE BOOK NO. _____	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
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	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

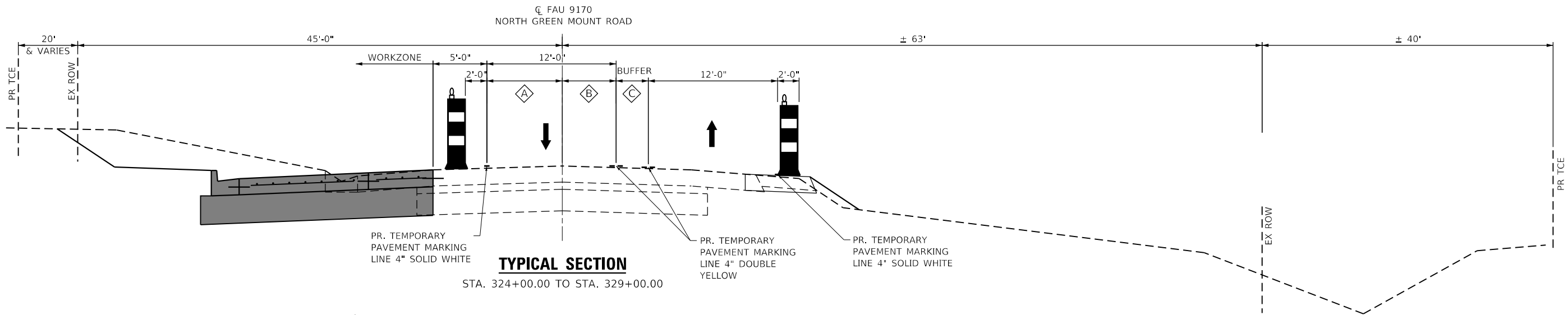
VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

PRE-STAGE 1 – CROSS SECTIONS

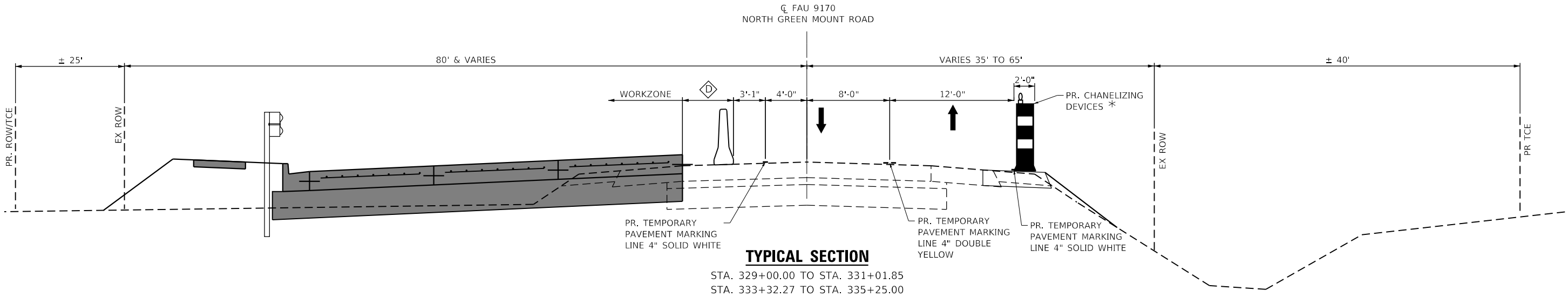
SCALE: 1"=10' SHEET 25 OF 25 SHEETS STA. 337+25.00 TO STA. 337+39.52

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	54
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



- ◊ STA. 324+00.00 TO STA. 329+00.00 VARIES 7' TO 4'
- ◊ STA. 324+00.00 TO STA. 329+00.00 VARIES 5' TO 8'
- ◊ STA. 324+00.00 TO STA. 329+00.00 VARIES 3' TO 0'

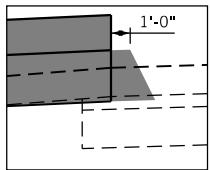
CONSTRUCTION THIS STAGE



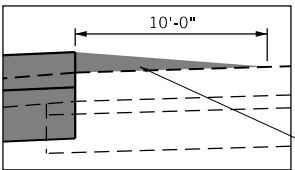
- ◊ STA. 329+00.00 TO STA. 331+01.85 4'-11"
- STA. 333+32.27 TO STA. 335+25.00 VARIES 4'-11" TO 8'-8"

* PR. CHANELIZING DEVICES
STA. 330+10.00 TO STA. 330+75.00
STA. 334+00.00 TO STA. 335+25.00

CONSTRUCTION THIS STAGE



INSET A
STA. 330+25.00 TO STA. 330+86.85
STA. 333+47.27 TO STA. 334+00.00



INSET B
STA. 334+34.13 TO STA. 335+12.00

PR. TEMPORARY
HMA PAVEMENT
WEDGE



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 1 – TYPICAL SECTION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	55
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

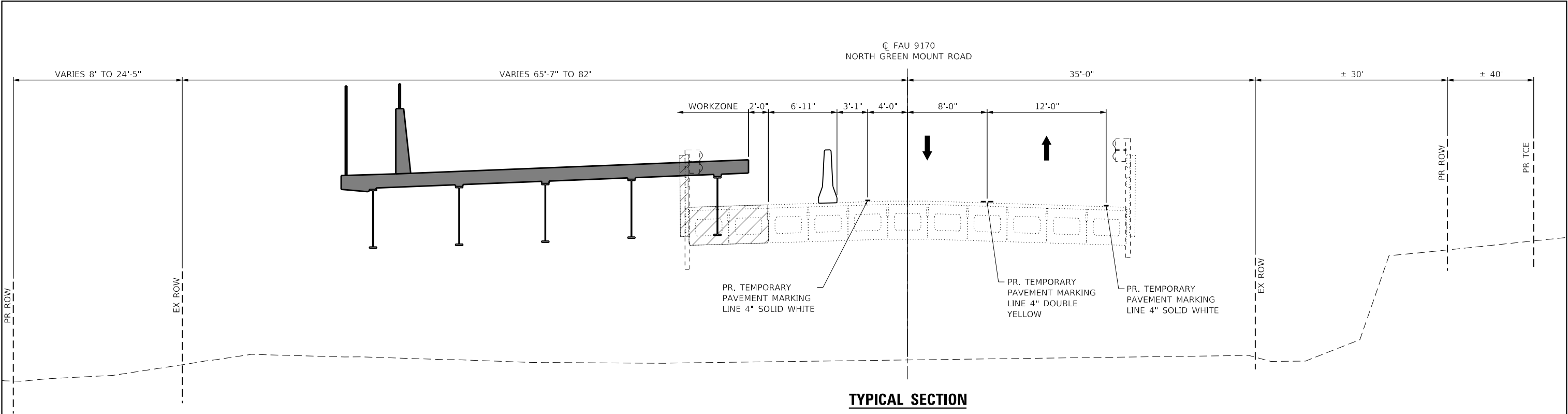
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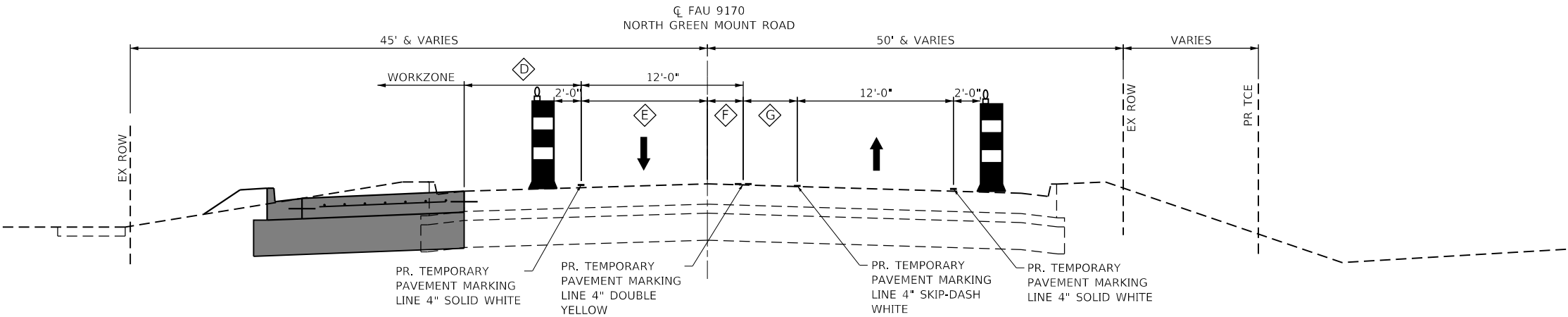
IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2026	CHECKED -	REVISED -
	DATE -	REVISED -



TYPICAL SECTION
STA. 331+01.85 TO STA. 333+32.27

CONSTRUCTION THIS STAGE
REMOVAL THIS STAGE



TYPICAL SECTION
STA. 335+25.00 TO STA. 337+39.40

- ◇ STA. 335+25.00 TO STA. 337+39.40 VARIES 12' TO 5'-8"
- ◇ STA. 335+25.00 TO STA. 337+39.40 VARIES 4' TO 12'
- ◇ STA. 335+25.00 TO STA. 337+39.40 VARIES 8' TO 0'
- ◇ STA. 335+25.00 TO STA. 337+39.40 VARIES 0' TO 7'-2"

CONSTRUCTION THIS STAGE

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CADD - DWG: 11364A-MOTD1-TYP.dgn



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LICENSE NO: 184-001220

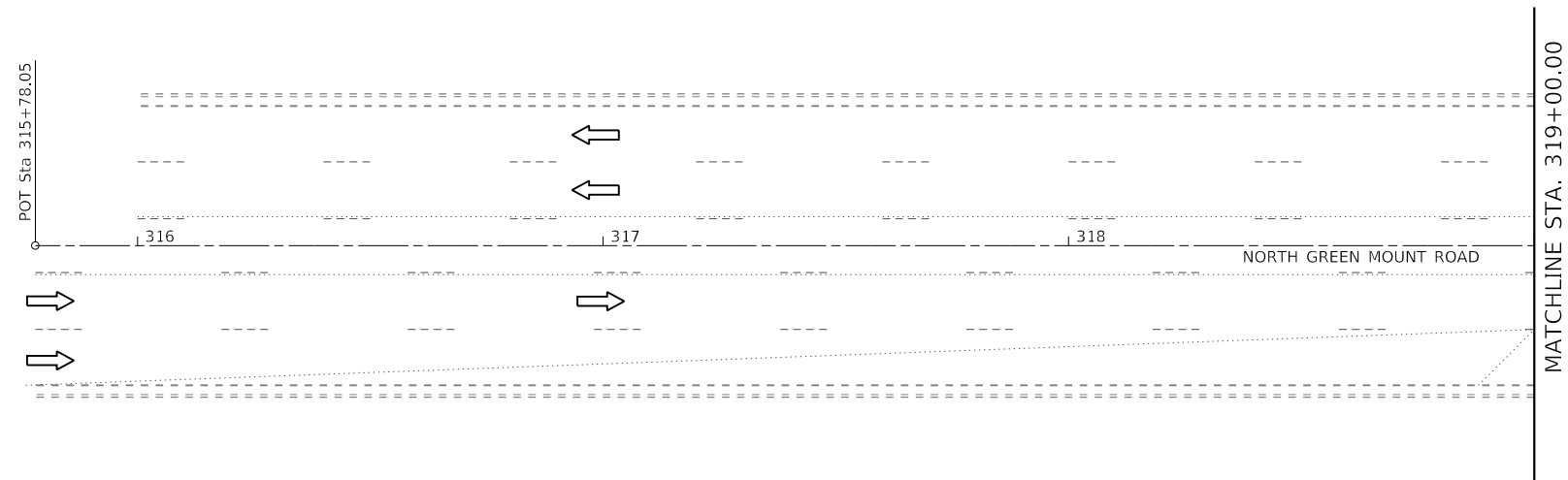
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	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL			
STAGE 1 – TYPICAL SECTION			
SCALE: N.T.S.	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	56
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.

2. THE PLANS HAVE BEEN DEVELOPED ASSUMING PAVEMENT FOR CN 97873 HAS BEEN CONSTRUCTED AND WILL BE IN PLACE. DEPENDING ON ACTUAL CONSTRUCTION TIMELINE(S), ADJUSTMENTS TO TEMPORARY PAVEMENT MARKINGS MAY BE NECESSARY. THESE ADJUSTMENTS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

LEGEND



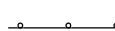
TRAFFIC FLOW



WORK ZONE



TEMPORARY PAVEMENT



DRUMS OR BARRICADES W/
STEADY BURN WARNING LIGHTS



TEMPORARY CONCRETE BARRIER



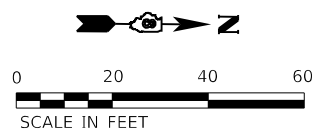
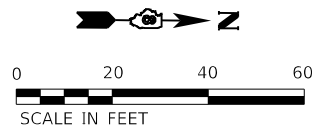
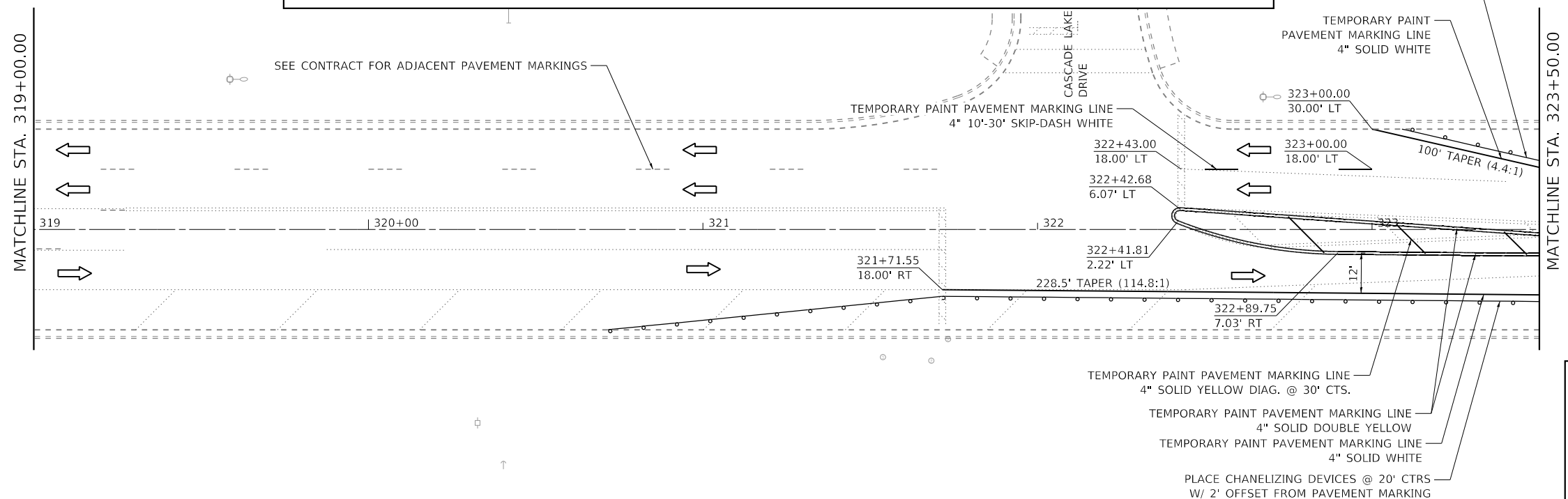
IMPACT ATTENUATORS,
TEMPORARY (FULLY REDIRECTIVE,
NARROW), TEST LEVEL 3



TYPE 3 BARRICADE



ARROWBOARD



STAGE 1

STAGING TO BE COORDINATED
WITH ADJACENT PROJECT

PLACE CHANELIZING
DEVICES @ 20' CTRS
W/ 2' OFFSET FROM
PAVEMENT MARKING

324+00.30
7.01' LT
324+00.23
4.99' RT

TEMPORARY PAINT PAVEMENT MARKING LINE
4" SOLID WHITE

PLACE CHANELIZING DEVICES @ 20' CTRS
W/ 2' OFFSET FROM PAVEMENT MARKING

PLACE CHANELIZING
DEVICES @ 20' CTRS
W/ 2' OFFSET FROM
PAVEMENT MARKING

329+00.00
4.01' LT

MATCHLINE STA. 323+50.00

MATCHLINE STA. 329+50.00

228.5' TAPER (114.8:1)
324+00.10
7.99' RT
324+00.00
19.99' RT

TEMPORARY PAINT PAVEMENT MARKING LINE
4" SOLID DOUBLE YELLOW

PLACE CHANELIZING DEVICES @ 20' CTRS
W/ 2' OFFSET FROM PAVEMENT MARKING

TEMPORARY PAINT PAVEMENT MARKING LINE
4" SOLID WHITE

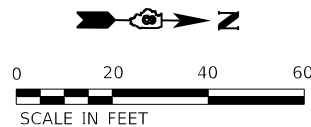
TEMPORARY PAINT PAVEMENT MARKING LINE
4" SOLID YELLOW DIAG. @ 30' CTS.

NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL
BE CONSTRUCTED DURING STAGE
CONSTRUCTION.

LEGEND

- TRAFFIC FLOW
- WORK ZONE
- TEMPORARY PAVEMENT
- DRUMS OR BARRICADES W/
STEADY BURN WARNING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS,
TEMPORARY (FULLY REDIRECTIVE,
NARROW), TEST LEVEL 3
- TYPE 3 BARRICADE
- ARROWBOARD



STAGE 1

PLACE CHANELIZING
DEVICES @ 20' CTRS

PLACE CHANELIZING
DEVICES @ 20' CTRS

TEMPORARY HMA
PAVEMENT WEDGE

335+25.00
4.01' LT

MATCHLINE STA. 329+50.00

MATCHLINE STA. 335+50.00

TEMPORARY PAINT PAVEMENT MARKING LINE
4" SOLID WHITE

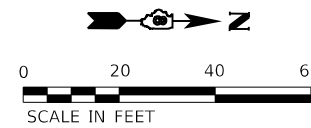
PLACE CHANELIZING DEVICES @ 20' CTRS
W/ 2' OFFSET FROM PAVEMENT MARKING

TEMPORARY PAINT PAVEMENT MARKING LINE
4" SOLID DOUBLE YELLOW

TEMPORARY PAINT PAVEMENT MARKING LINE
4" SOLID WHITE

PLACE CHANELIZING DEVICES @ 20' CTRS
W/ 2' OFFSET FROM PAVEMENT MARKING

TEMPORARY PAINT PAVEMENT MARKING LINE
4" 2'-6" SKIP-DASH WHITE



MODEL Dwg.rvt
FILE NAME: 12/02/2021\21364A4 CADD - DWG\4.7 TranCADD Streets\21364A-MOTD-J-L.dgn



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME = efisher
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



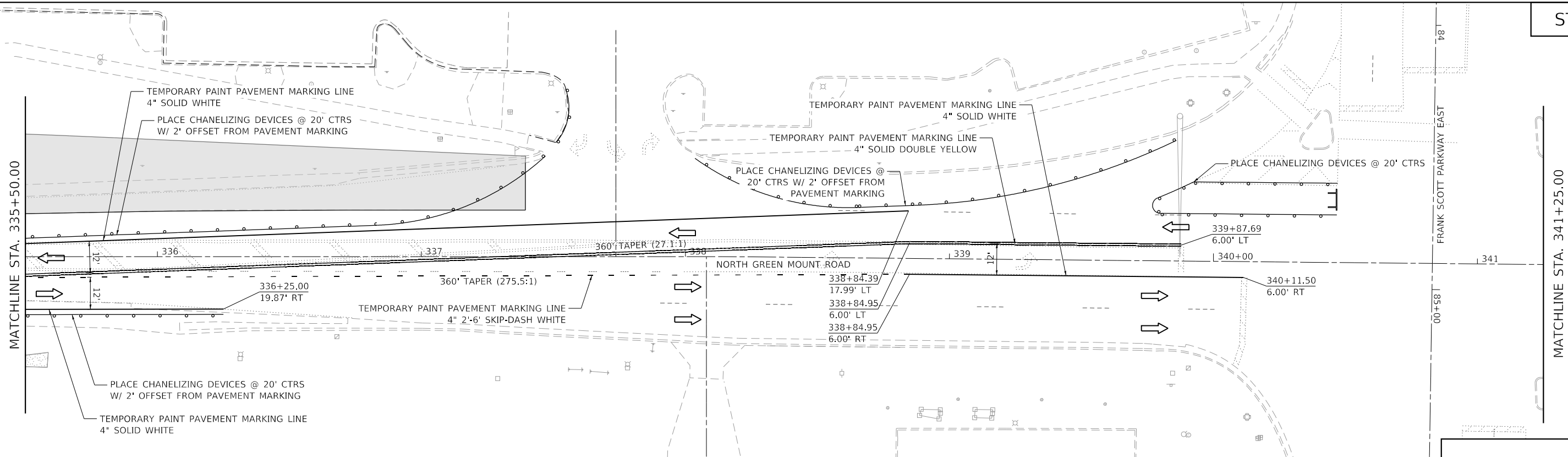
VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 1 - PLAN

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 323+50.00 TO STA. 335+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	58
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

STAGE 1



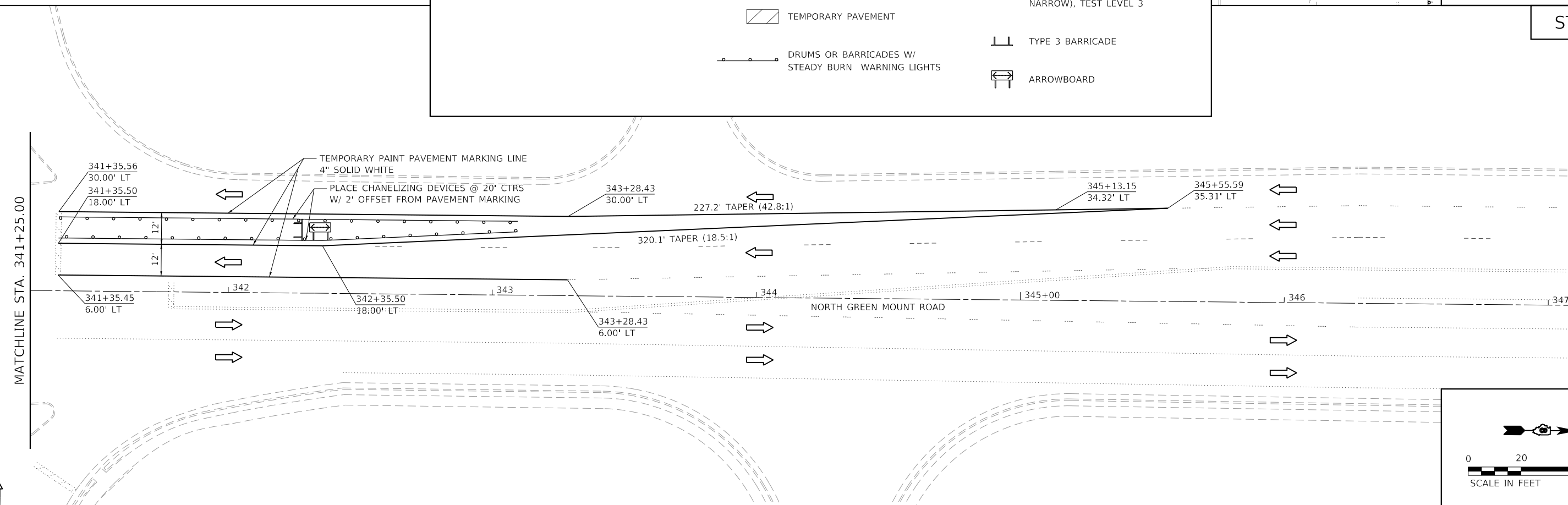
NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.

LEGEND

- TRAFFIC FLOW
- WORK ZONE
- TEMPORARY PAVEMENT
- DRUMS OR BARRICADES W/ STEADY BURN WARNING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE 3 BARRICADE
- ARROWBOARD

STAGE 1



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USER NAME = efisher
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
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DATE -

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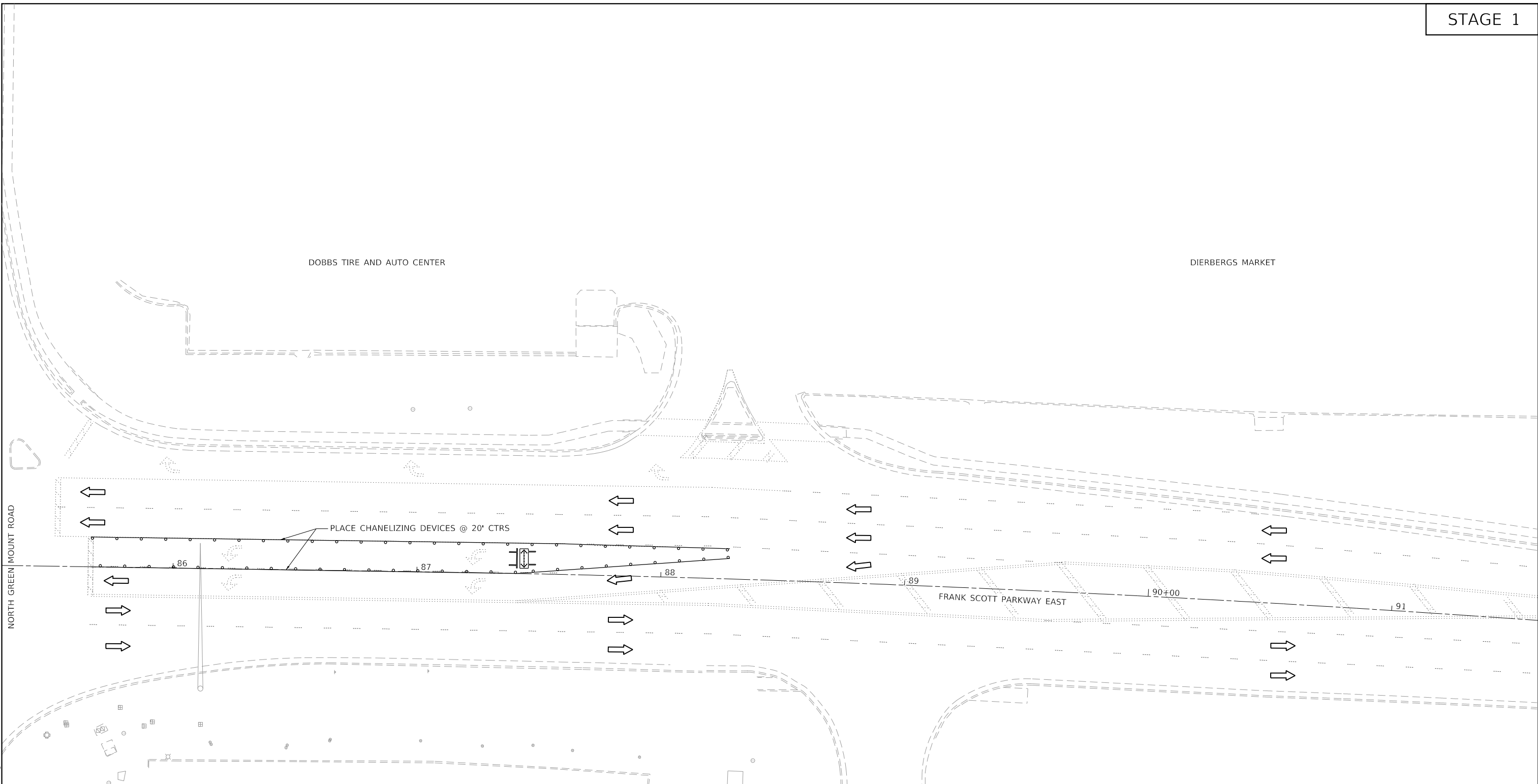


VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 1 - PLAN

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 335+50.00 TO STA. 345+55.59

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	59
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

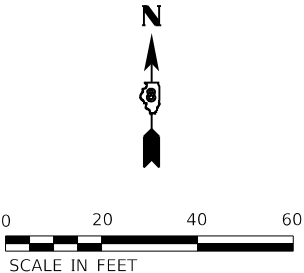


NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.

LEGEND

- TRAFFIC FLOW
- WORK ZONE
- TEMPORARY PAVEMENT
- DRUMS OR BARRICADES W/ STEADY BURN WARNING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE 3 BARRICADE
- ARROWBOARD



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DRAWN	-	DRAWN	-	REVISED	-
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VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 1 – PLAN

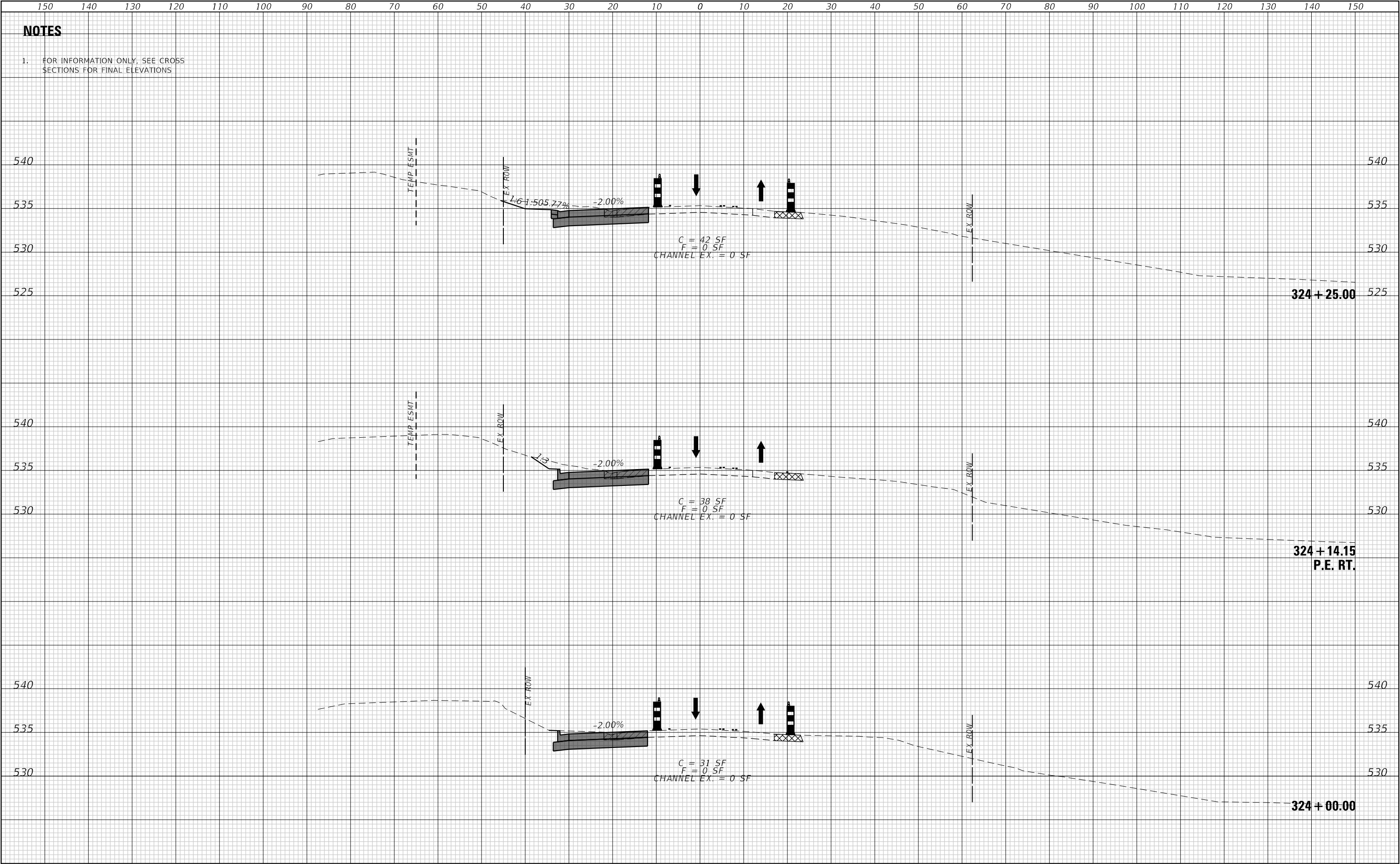
SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 85+66.06 TO STA. 88+68.12

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	60
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

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

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CHECKED -	REVISED -
DATE -	REVISED -



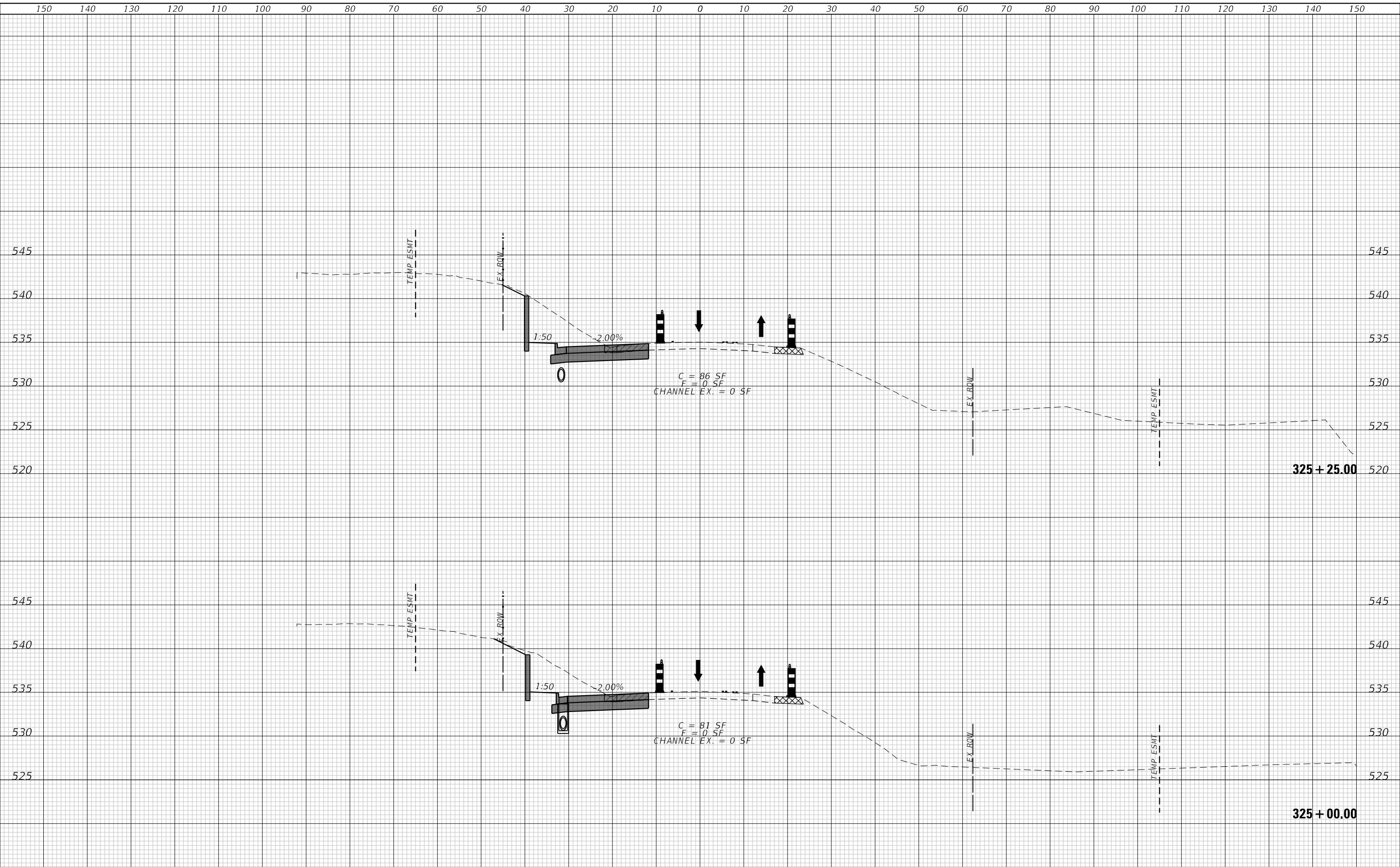
SCALE: 1"=10'	SHEET 2 OF 25 SHEETS	STA. 324+37.93 TO STA. 324+75.00
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ILLINOIS	FED. AID PROJECT
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FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

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SHILOH

VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

STAGE 1 - CROSS SECTIONS

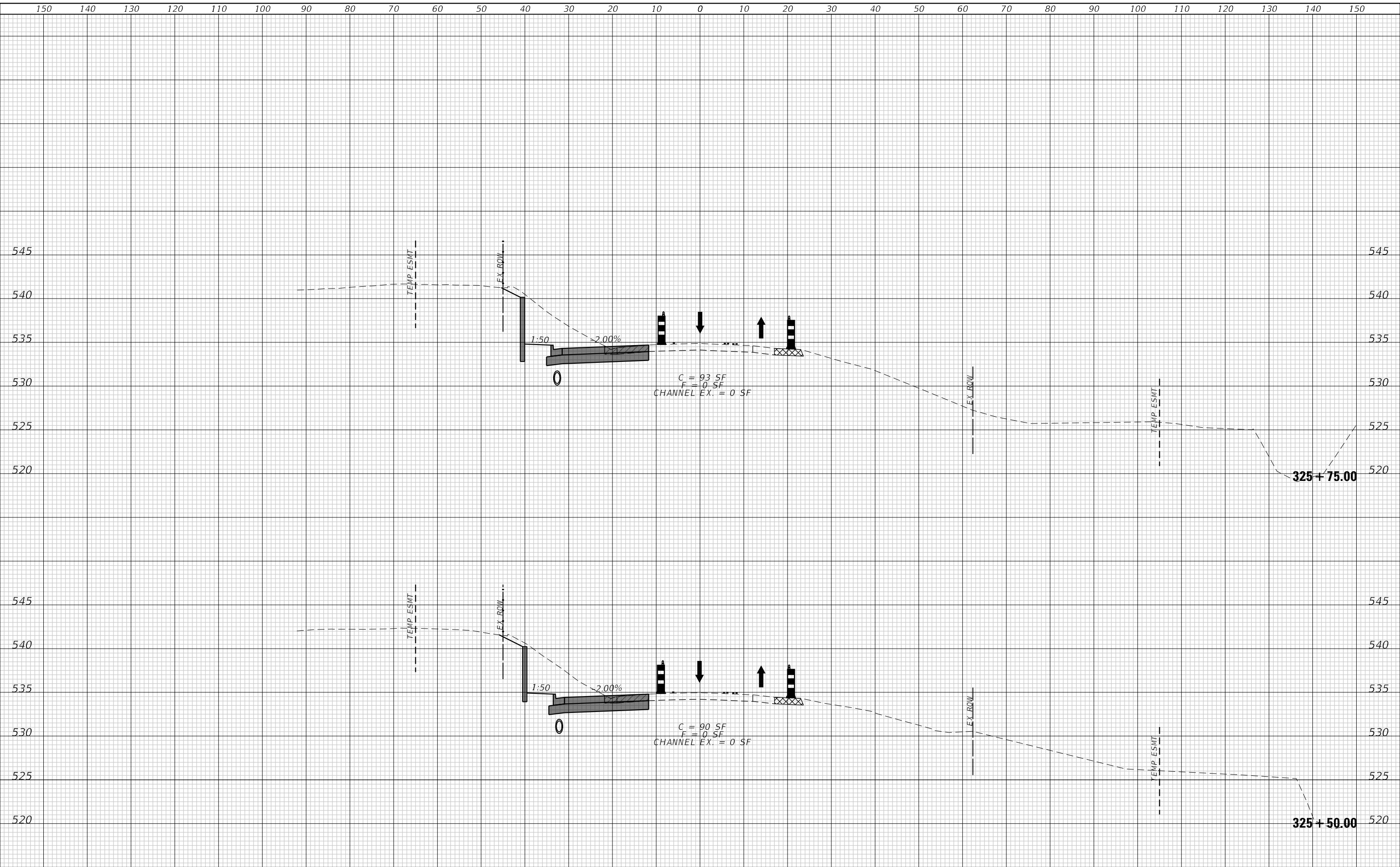
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	63
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
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SURVEY	PLOTTED		
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LICENSE NO: 184-001220

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DESIGNED -
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PLOT SCALE = 20,0000 ' / in.
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PLOT DATE = 3/5/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

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VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 1 - CROSS SECTIONS

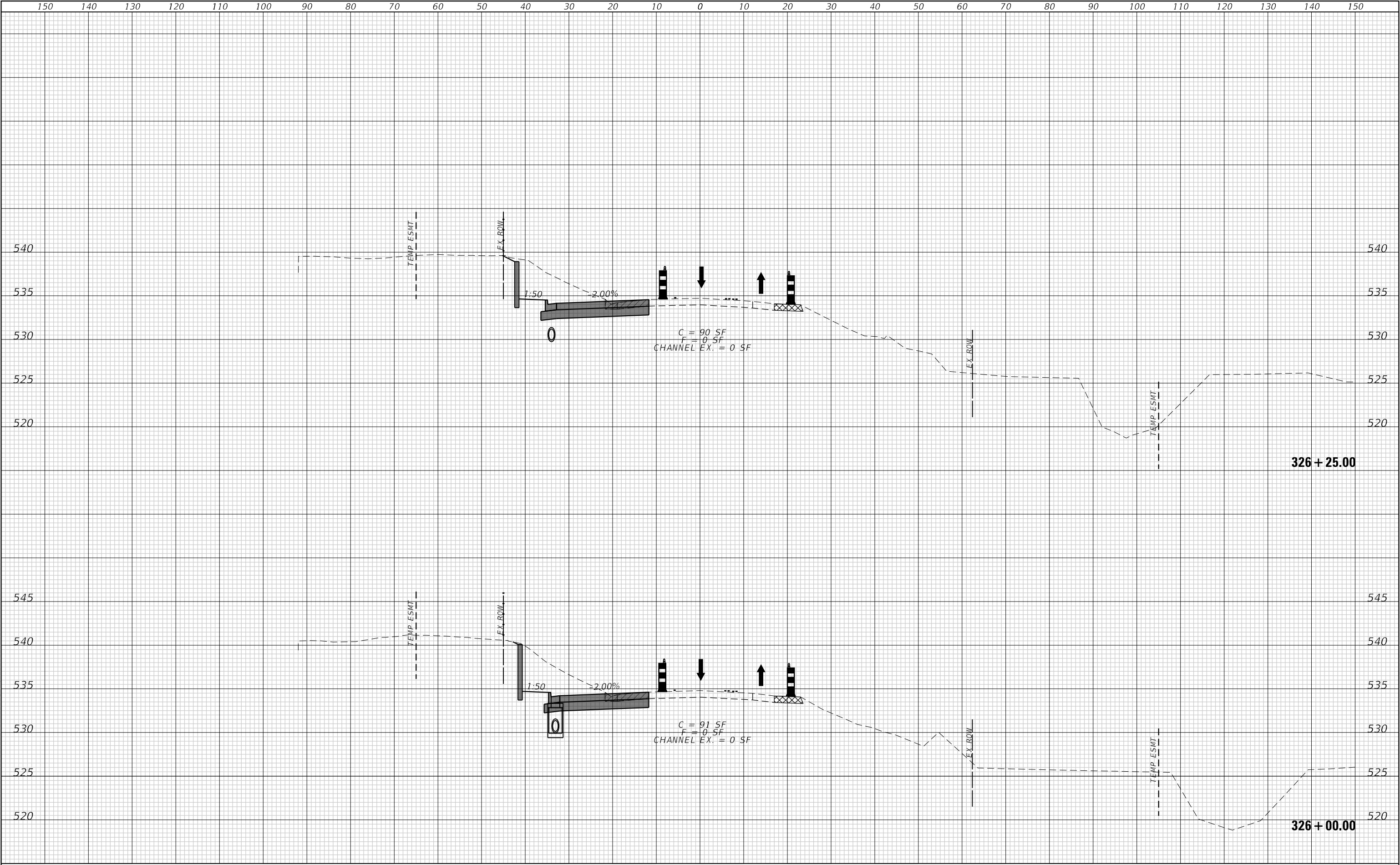
SCALE: 1"=10' SHEET 4 OF 25 SHEETS STA. 325+50.00 TO STA. 325+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	64
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

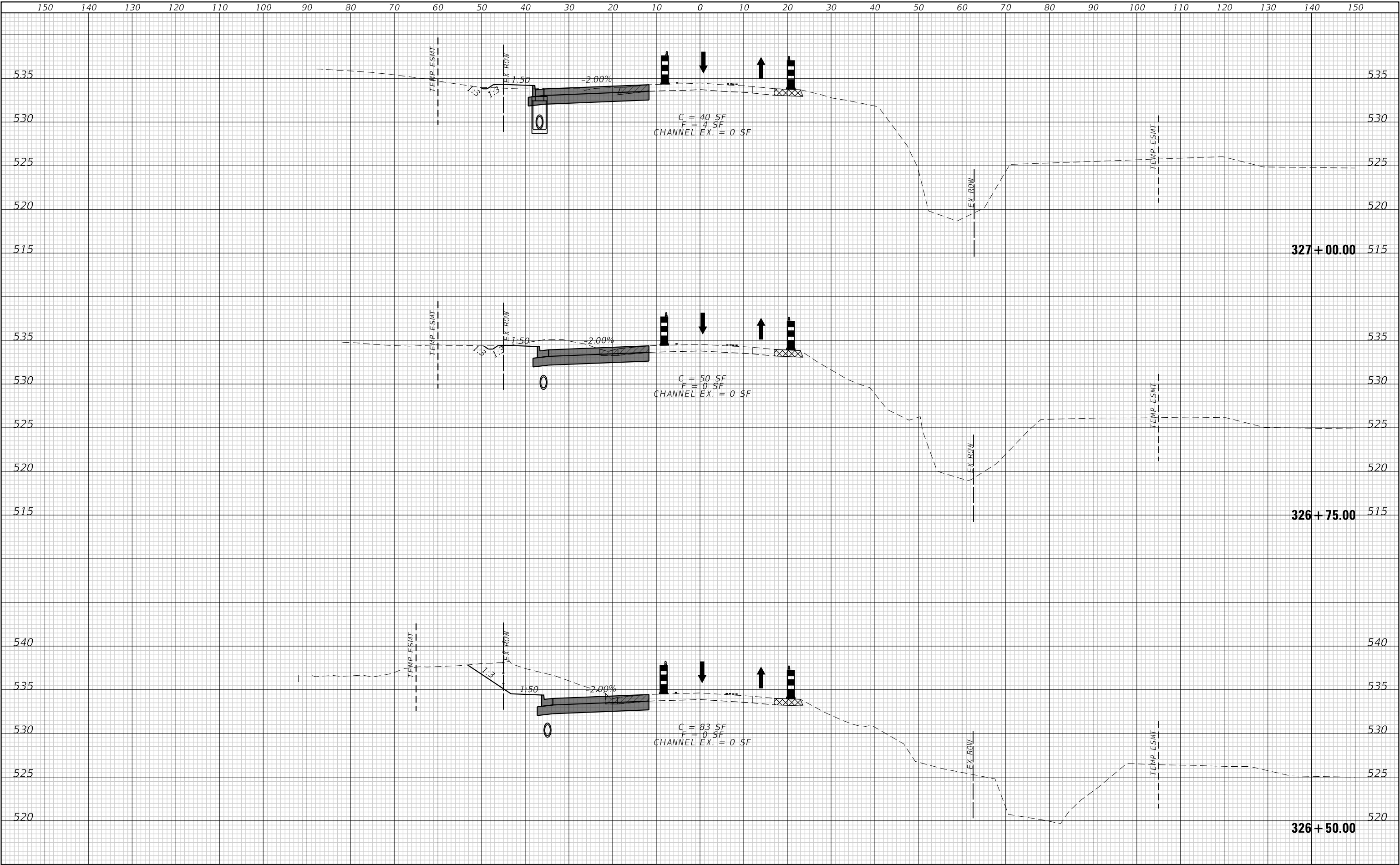
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DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED
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		NO.	NO.	NO.
		NO.	NO.	NO.

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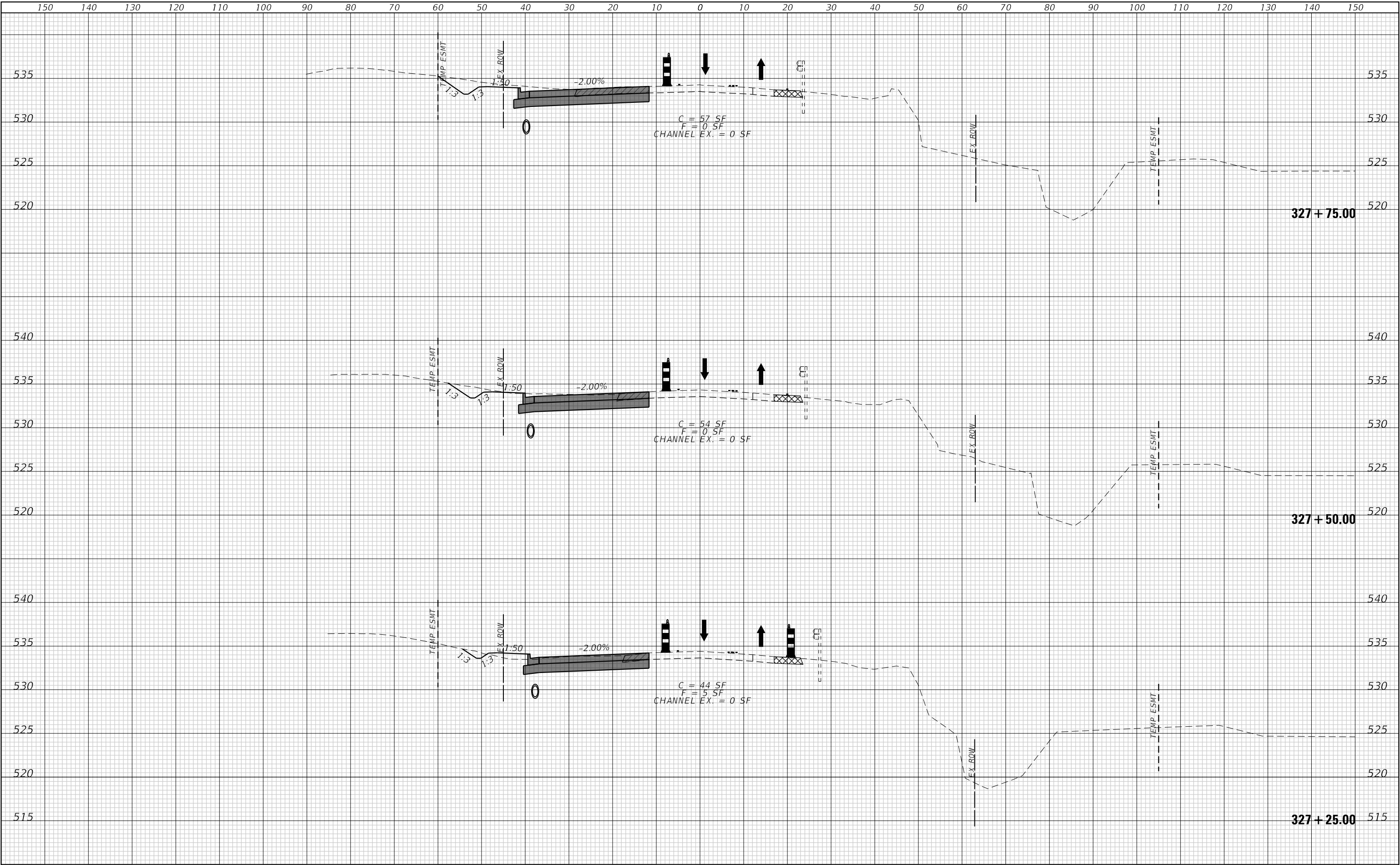
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FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
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ORIGINAL	SURVEYED	DATE
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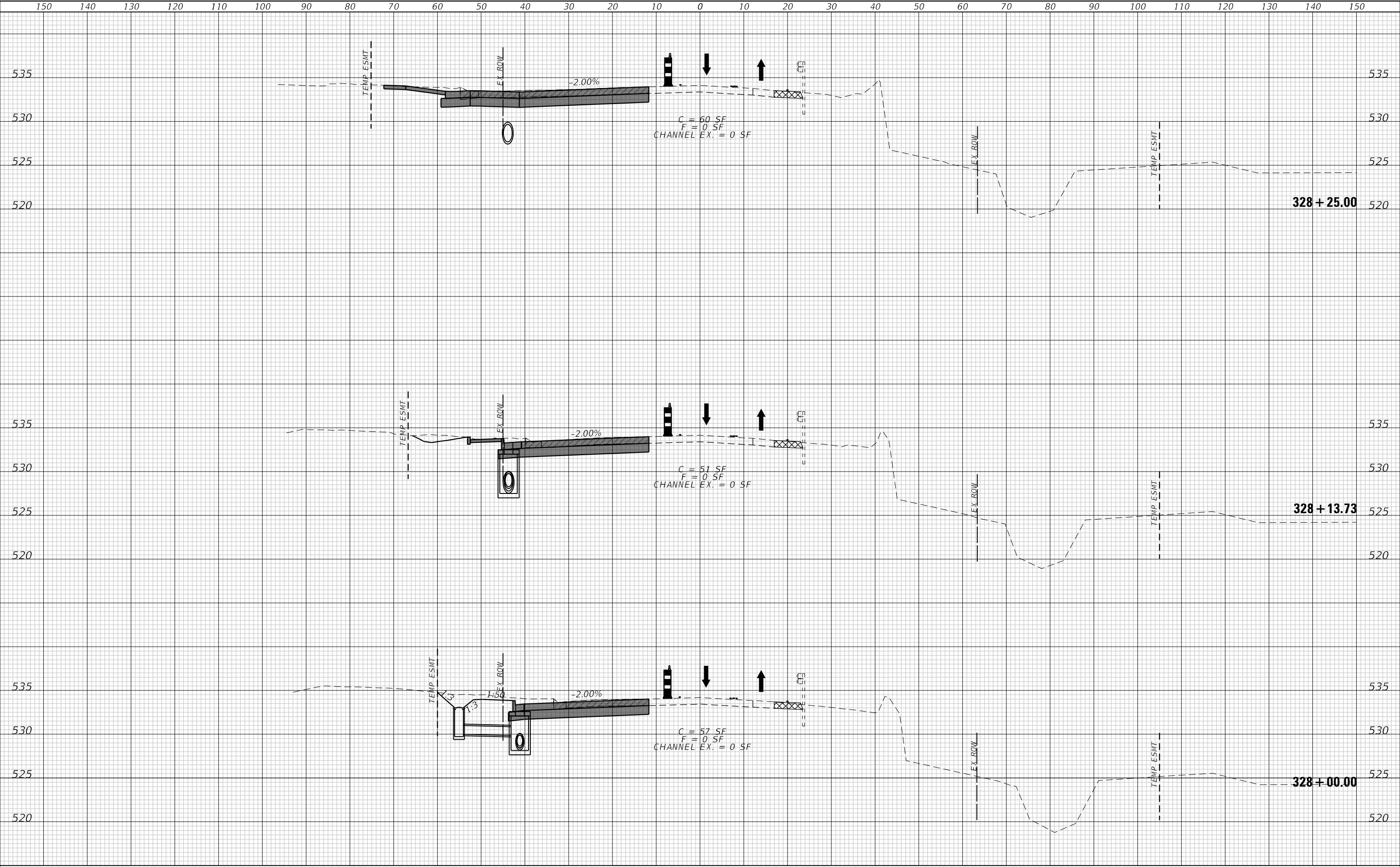
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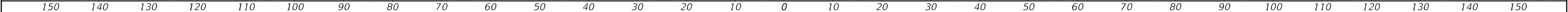
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SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

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



SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

STAGE 1 – CROSS SECTIONS

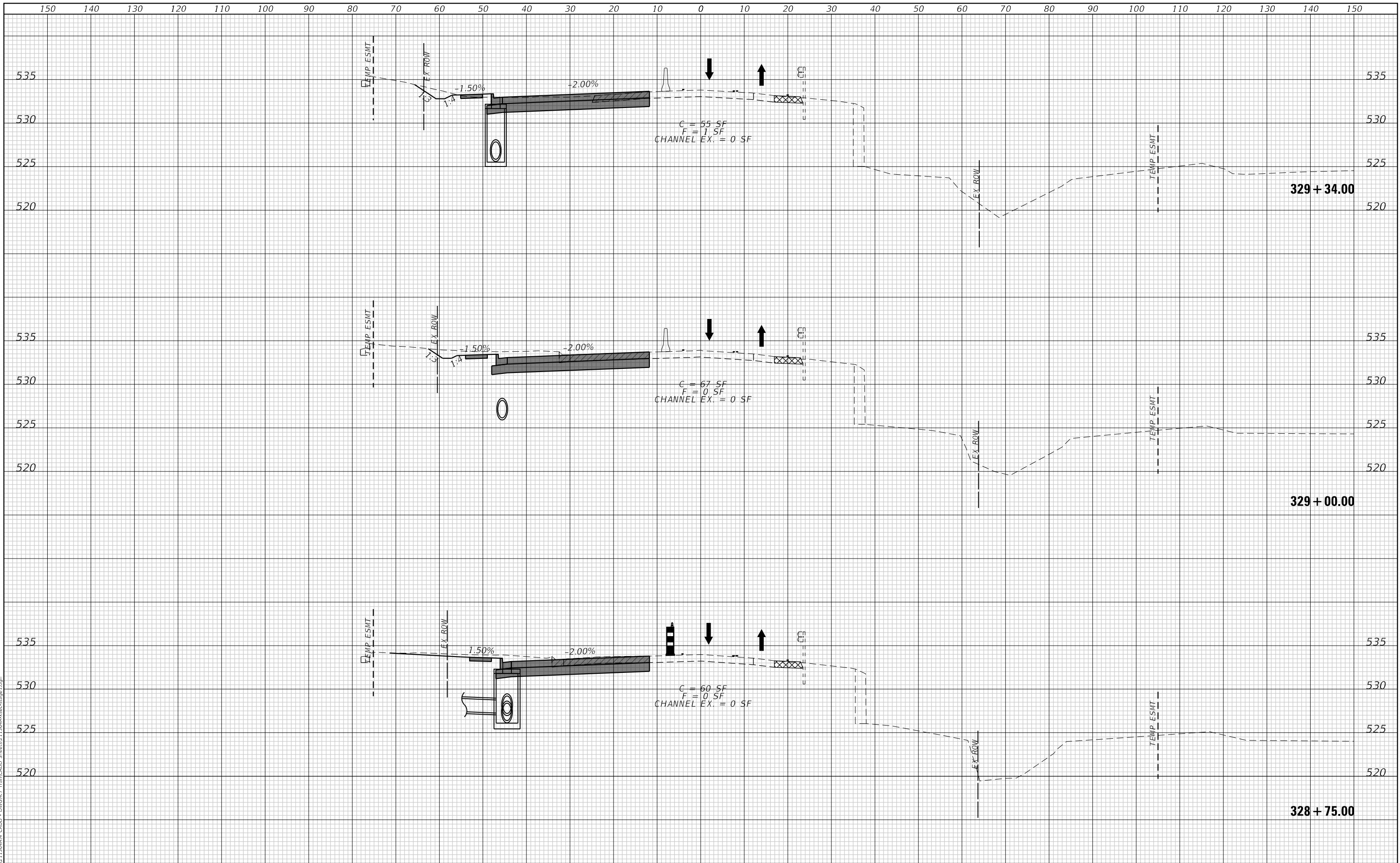
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9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	69
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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FINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

ORIGINAL SURVEY		BY _____	DATE _____
NOTE BOOK			
SURVEYED _____			
PLOTTED _____			
TEMPLATE _____			
AREAS _____			
AREAS CHECKED _____			
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	DRAWN -	REVISED -
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PLOT DATE = 3/5/2026	DATE -	REVISED -



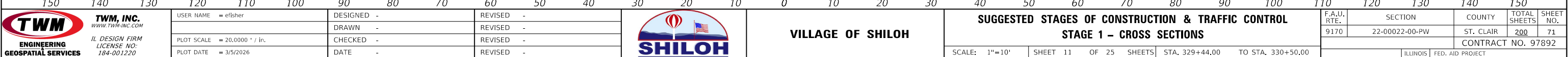
VILLAGE OF SHILOH

STAGE 1 – CROSS SECTIONS

SCALE: 1"=10'	SHEET 10 OF 25 SHEETS	STA. 328+75.00 TO STA. 329+34.00
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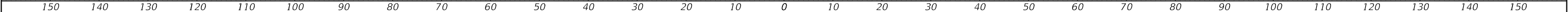
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	70
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

ORIGINAL		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			



 TWM, INC. www.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher	DESIGNED -	REVISED -		VILLAGE OF SHILOH	SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL STAGE 1 – CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,000 ' / in.	DRAWN -	REVISED -							9170	22-00022-00-PW	ST. CLAIR	200	71
	PLOT DATE = 3/5/2026	CHECKED -	REVISED -			CONTRACT NO. 97892								
		DATE -	REVISED -			SCALE: 1"=10'	SHEET 11 OF 25 SHEETS	STA. 329+44.00 TO STA. 330+50.00						

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



SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 1 – CROSS SECTIONS

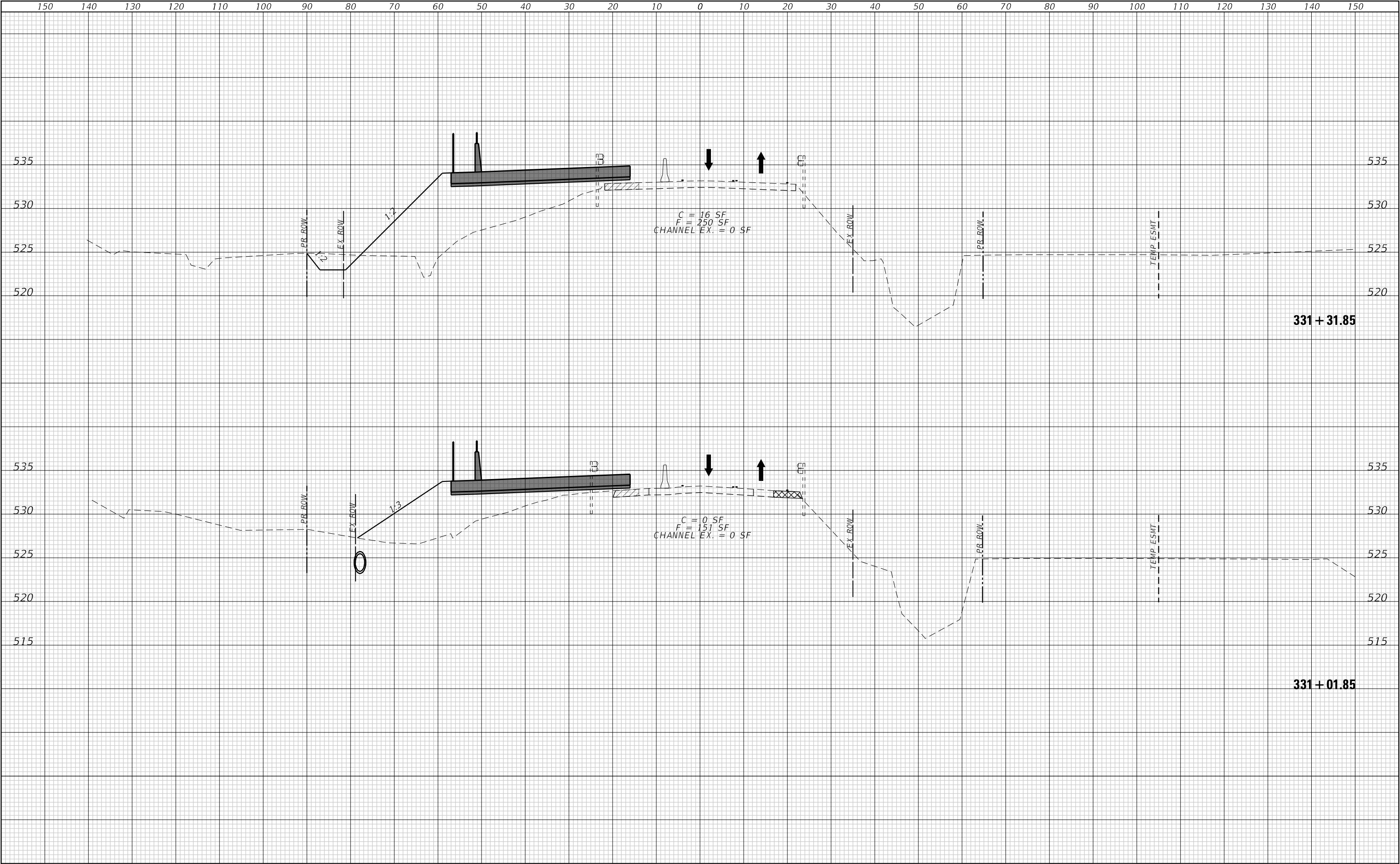
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9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	72
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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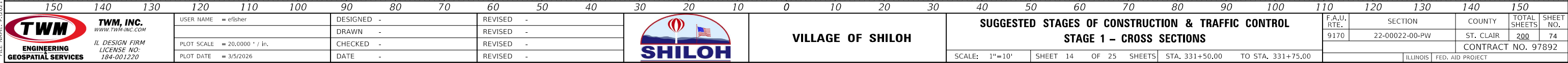
FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

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FILE NAME: P:\2021\12\1364\A4 CADD - DWG\A4.7 Twp\CAUD Sites\211364-A4-sec-4a9e.dgn



ORIGINAL		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			



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USER NAME	=	efisher
PLOT SCALE	=	20,0000 ' / in.
PLOT DATE	=	3/5/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

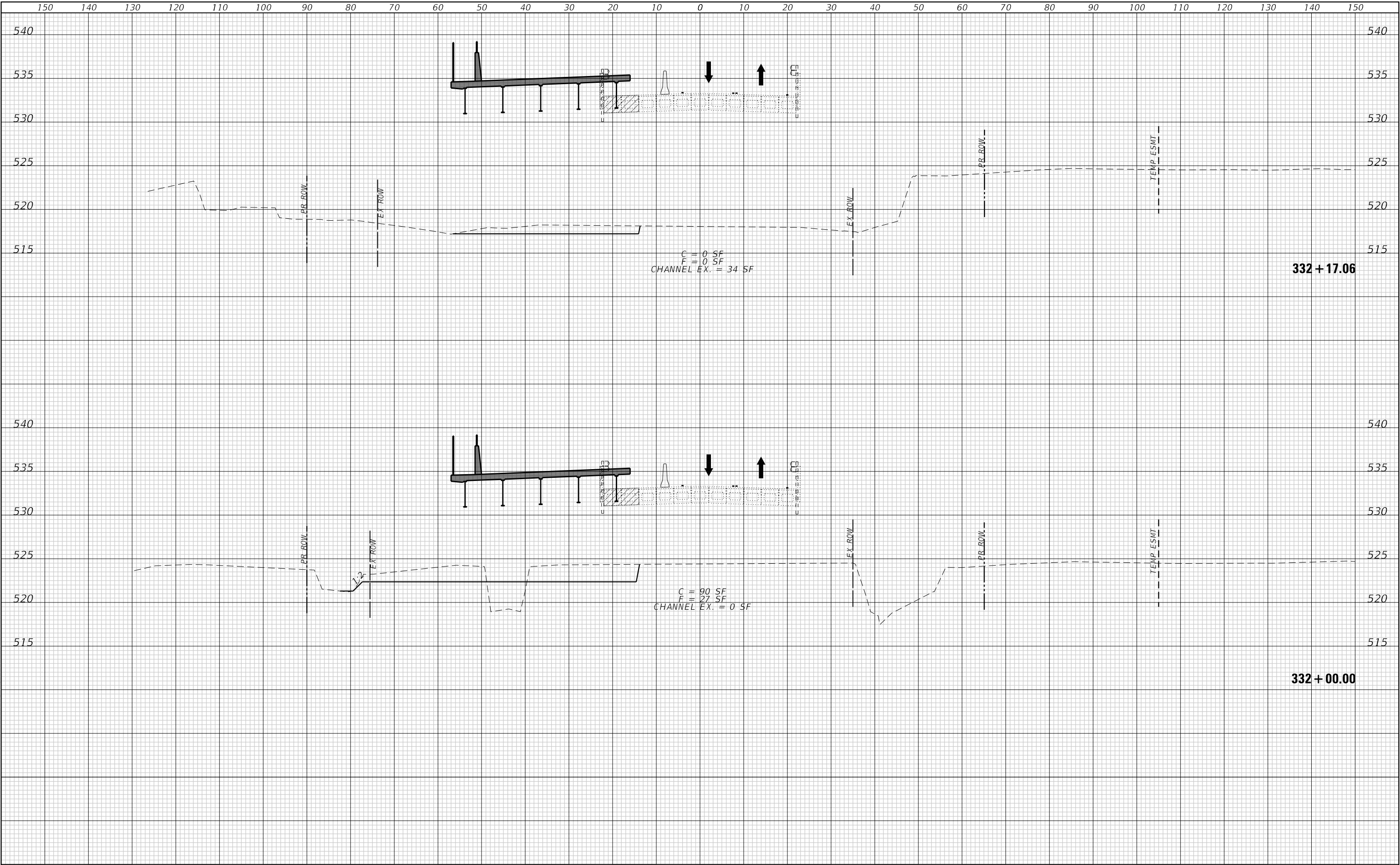
SCALE: 1"=10'	SHEET 14 OF 25 SHEETS	STA. 331+50.00 TO STA. 331+75.00
---------------	-----------------------	----------------------------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	74
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED
		NO.	NO.	NO.
		NO.	NO.	NO.
		NO.	NO.	NO.
		NO.	NO.	NO.

DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED
		NO.	NO.	NO.
		NO.	NO.	NO.
		NO.	NO.	NO.
		NO.	NO.	NO.

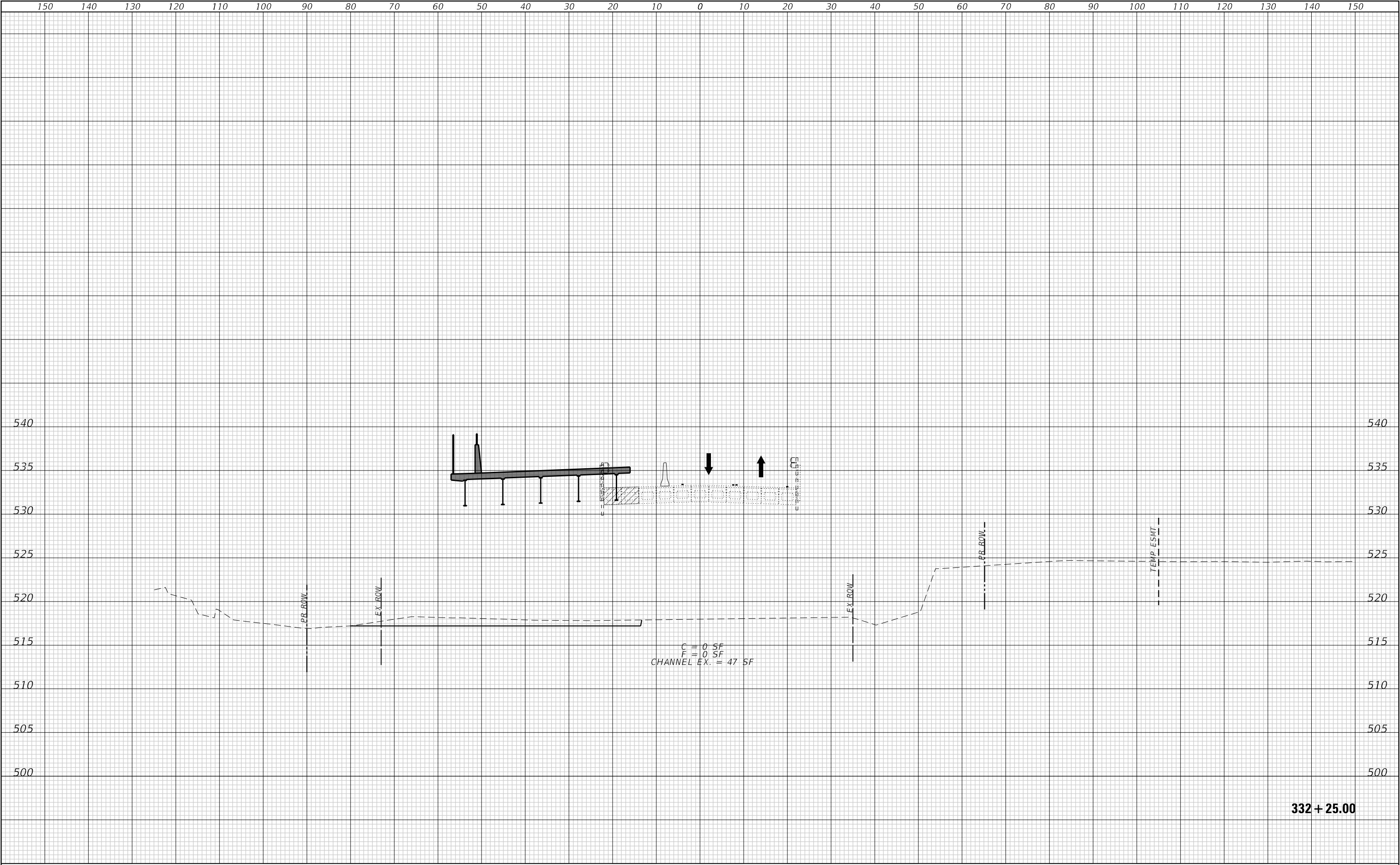
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

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

MODEL Default
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USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

STAGE 1 – CROSS SECTIONS

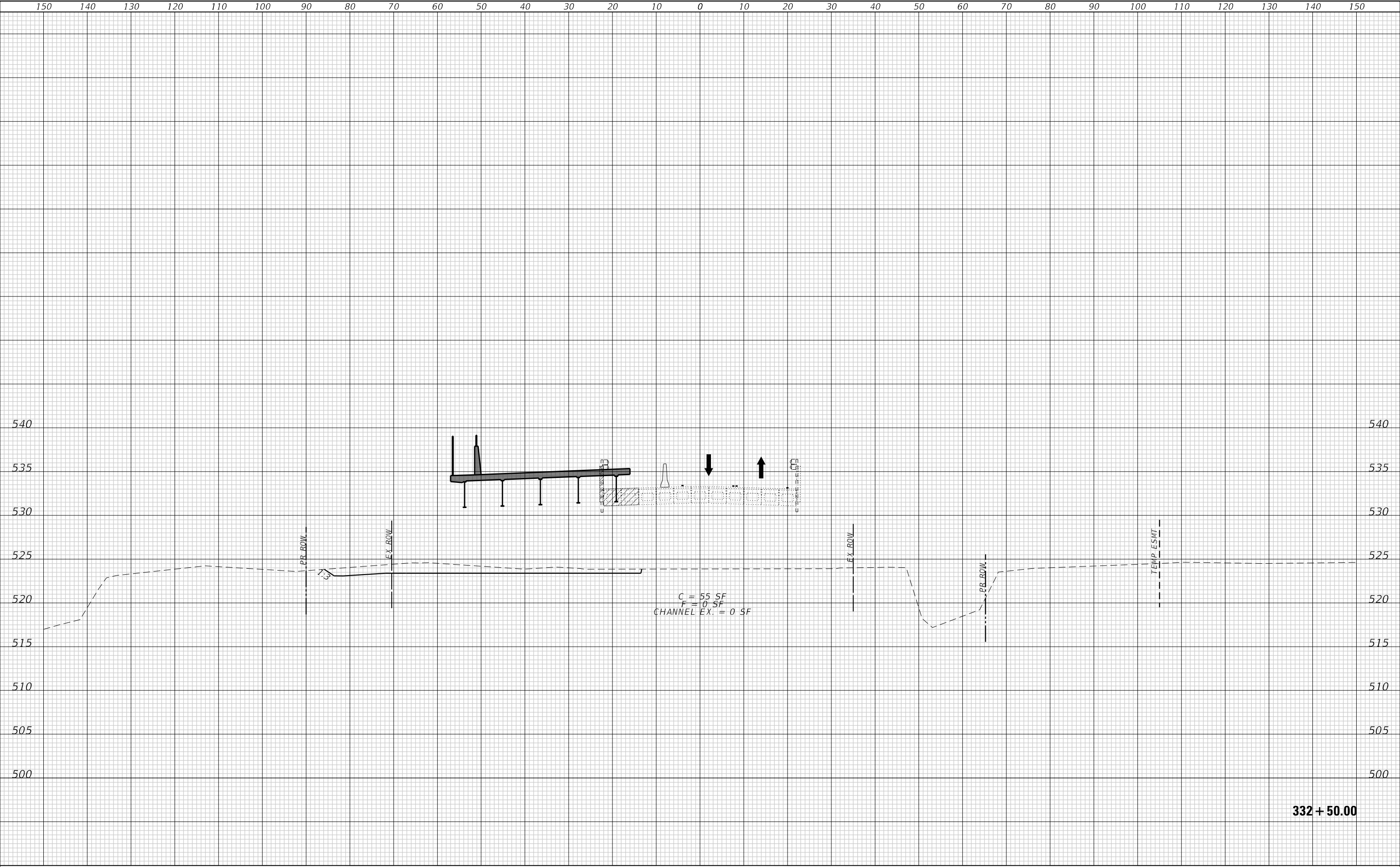
SCALE: 1"=10' SHEET 16 OF 25 SHEETS STA. 332+25.00 TO STA. 332+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	76
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

MODEL Default
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USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

VILLAGE OF SHILOH

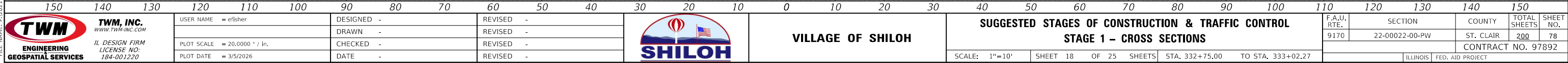
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

STAGE 1 - CROSS SECTIONS

SCALE: 1"=10' SHEET 17 OF 25 SHEETS STA. 332+50.00 TO STA. 332+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	77
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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



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184-001220

USER NAME = efisher	DESIGNED -
	DRAWN -
PLOT SCALE = 20,000' / in.	CHECKED -
PLOT DATE = 3/5/2026	DATE -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 1 – CROSS SECTIONS

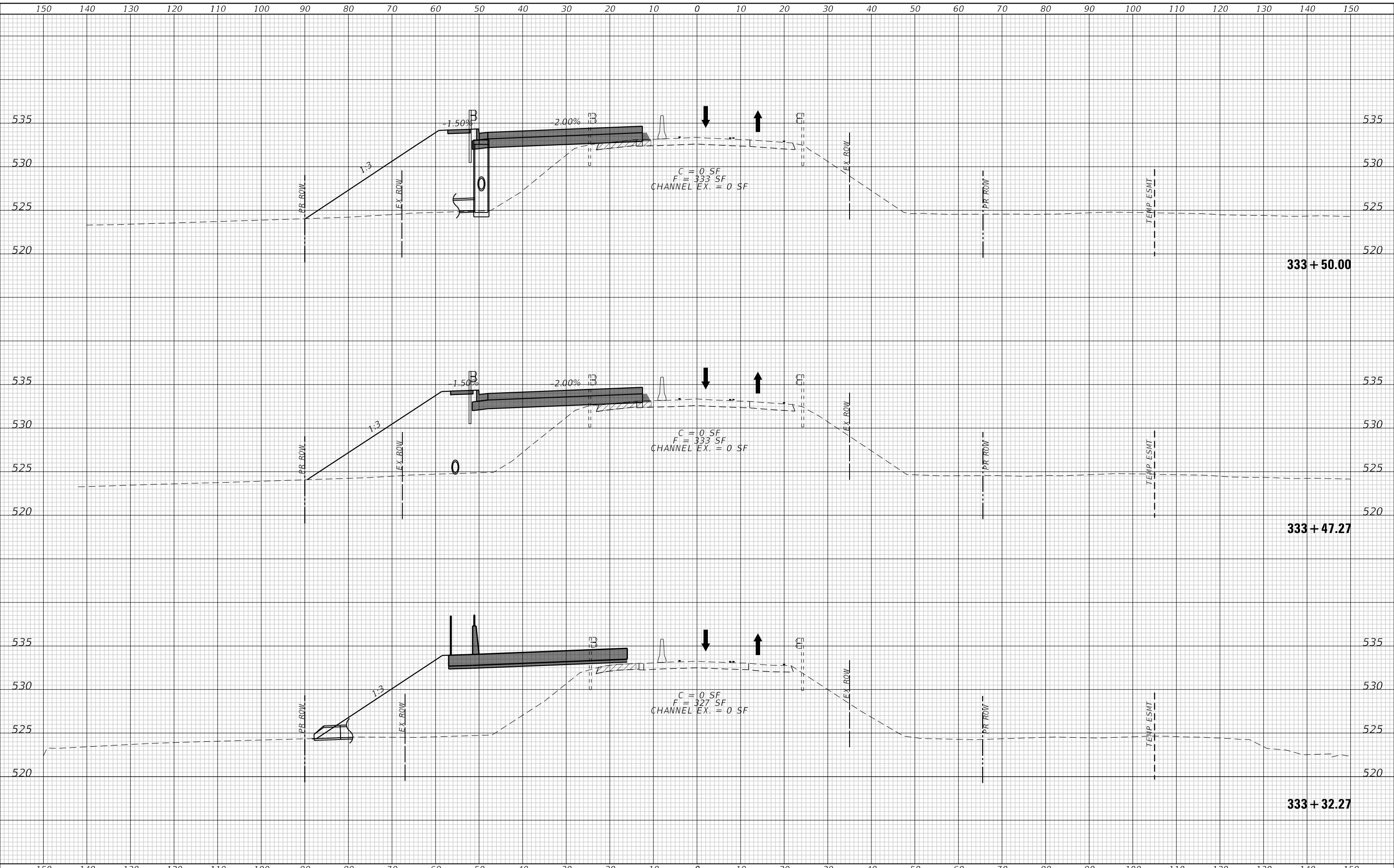
SCALE: 1"=10'	SHEET 18 OF 25 SHEETS	STA. 332+75.00 TO STA. 333+02.27
---------------	-----------------------	----------------------------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	78
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

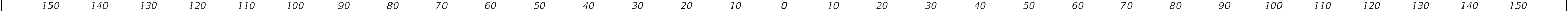
DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
		FINAL	NO.	NO.	NO.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
		ORIGINAL	NO.	NO.	NO.

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

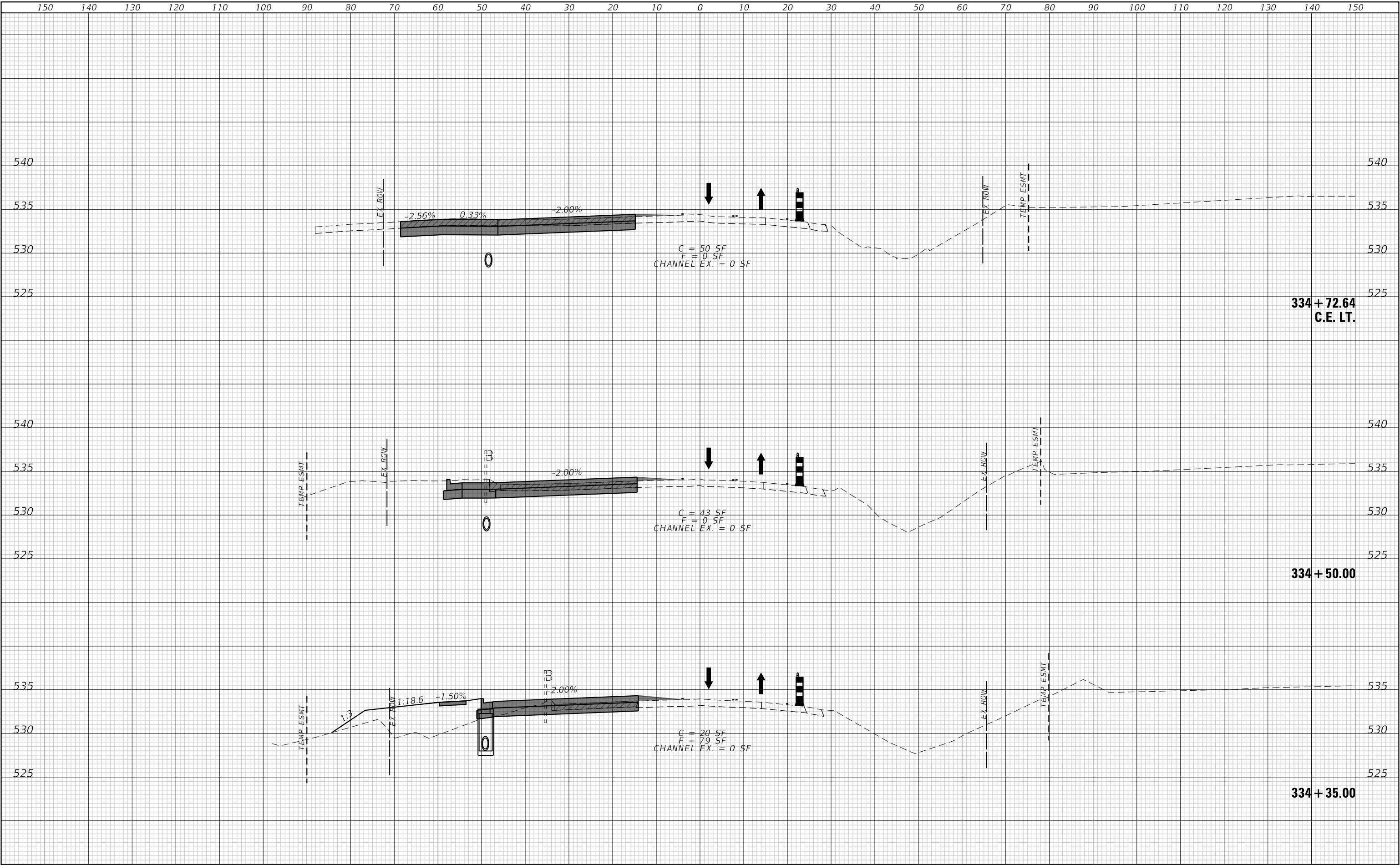


 TWM, INC. www.TWM-INC.COM ENGINEERING GEOSPATIAL SERVICES	USER NAME = efisher	DESIGNED -	REVISED -		VILLAGE OF SHILOH	SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL STAGE 1 – CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,000' / in.	DRAWN -	REVISED -							9170	22-00022-00-PW	ST. CLAIR	200	80
	PLOT DATE = 3/5/2026	CHECKED -	REVISED -			CONTRACT NO. 97892								
		DATE -	REVISED -			SCALE: 1"=10'	SHEET 20 OF 25 SHEETS	STA. 333+75.00 TO STA. 334+25.00	ILLINOIS	FED. AID PROJECT				

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

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

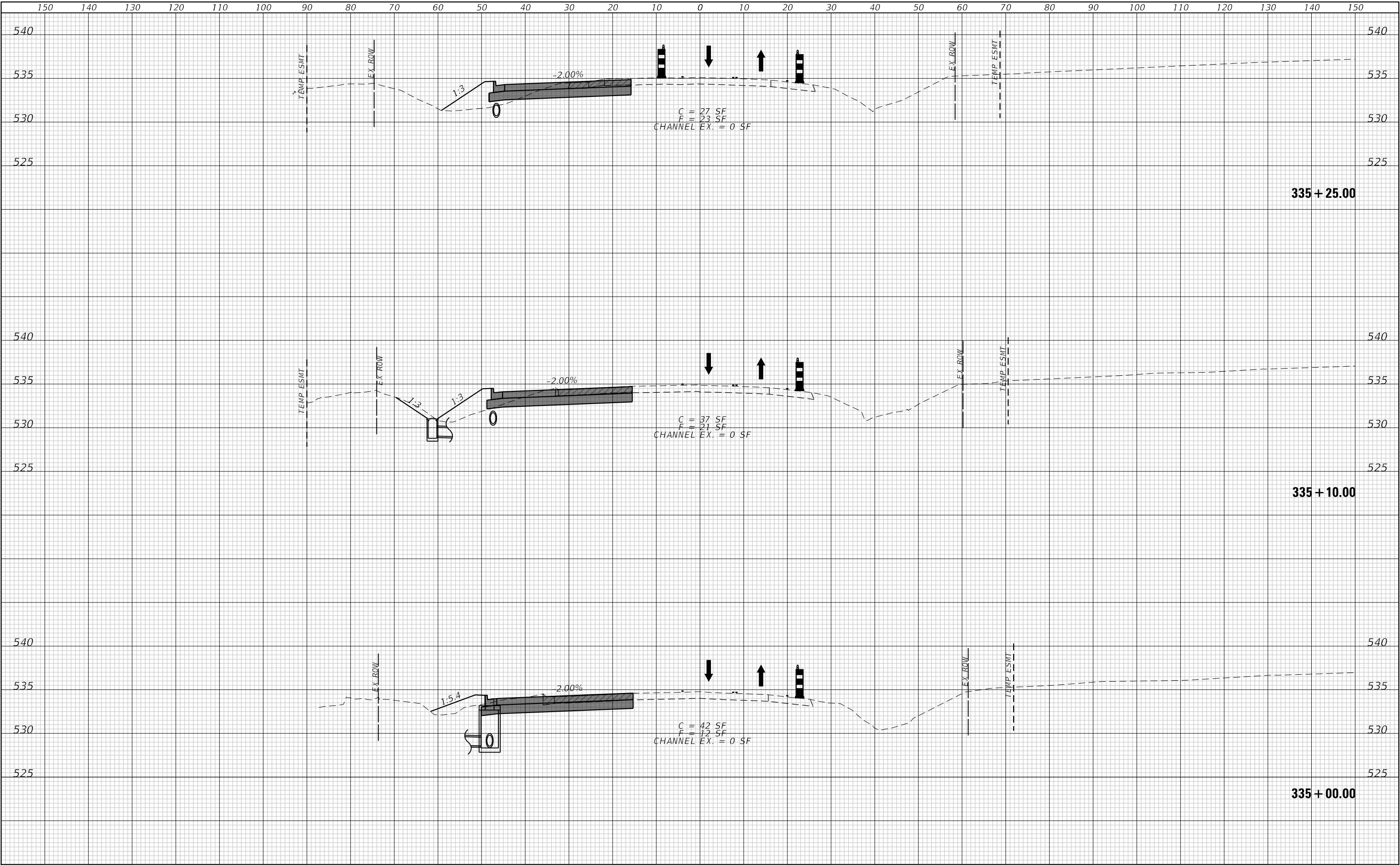
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FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

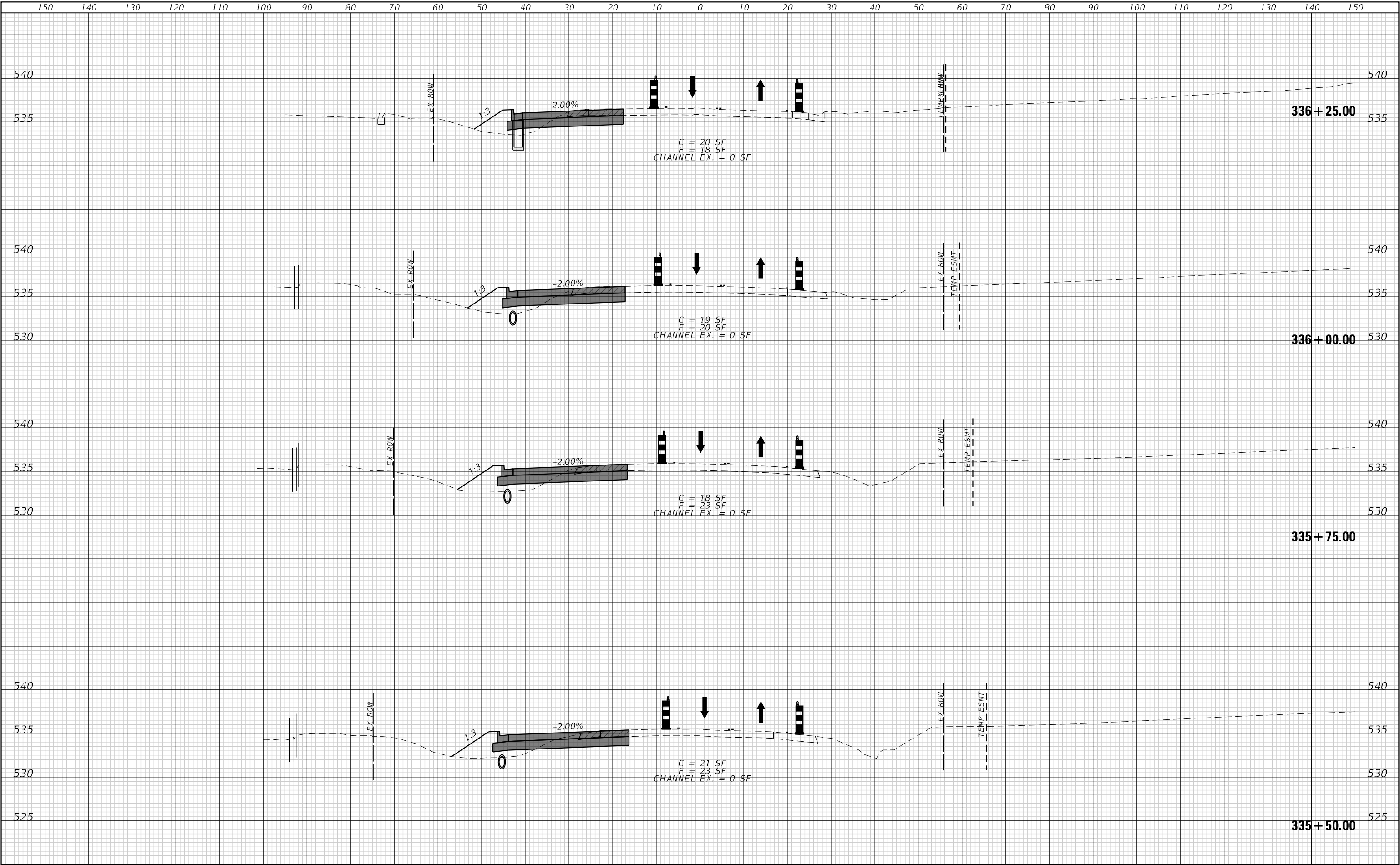
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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL					
SURVEY					
NOTE BOOK					
NO.					

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

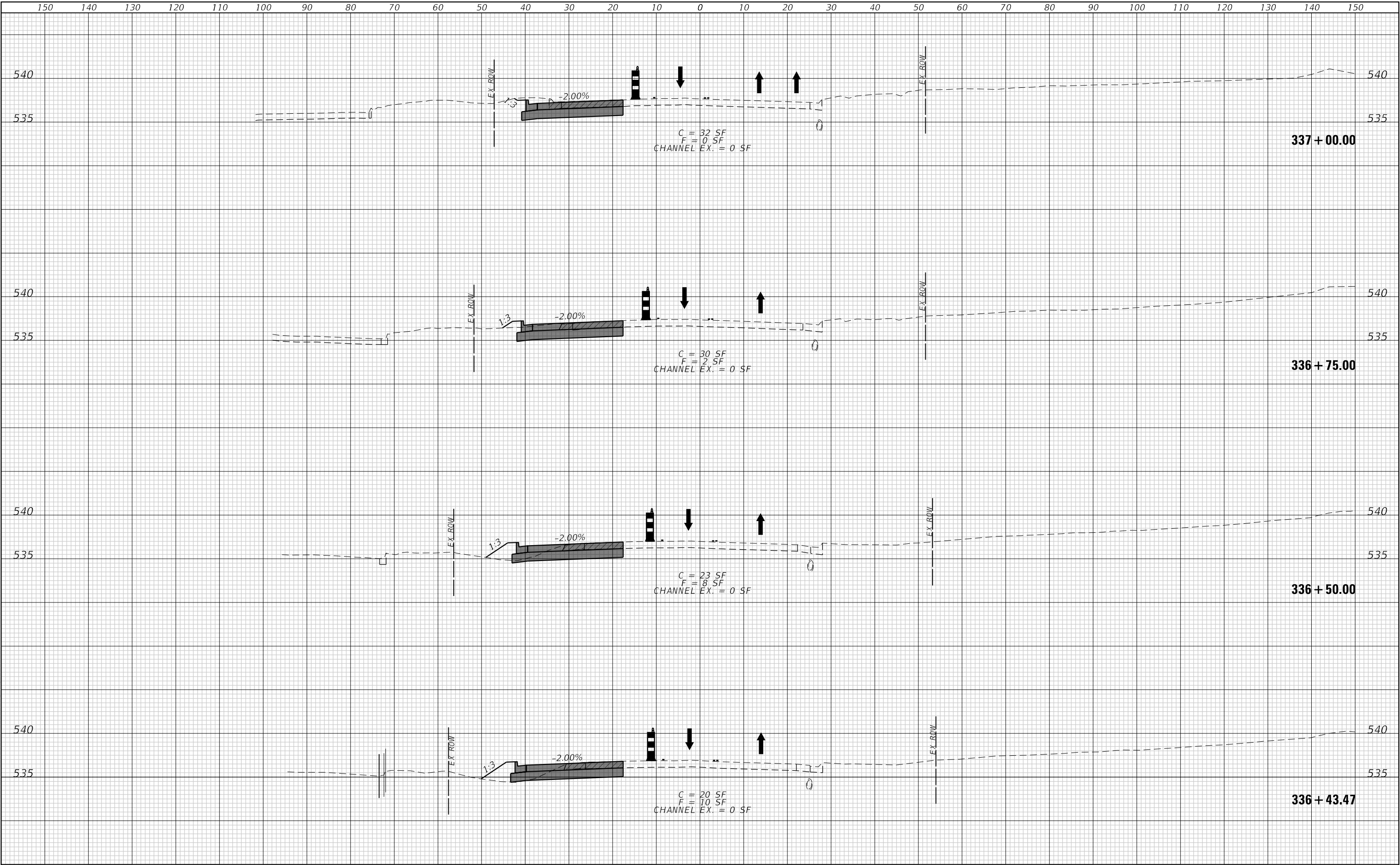
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FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

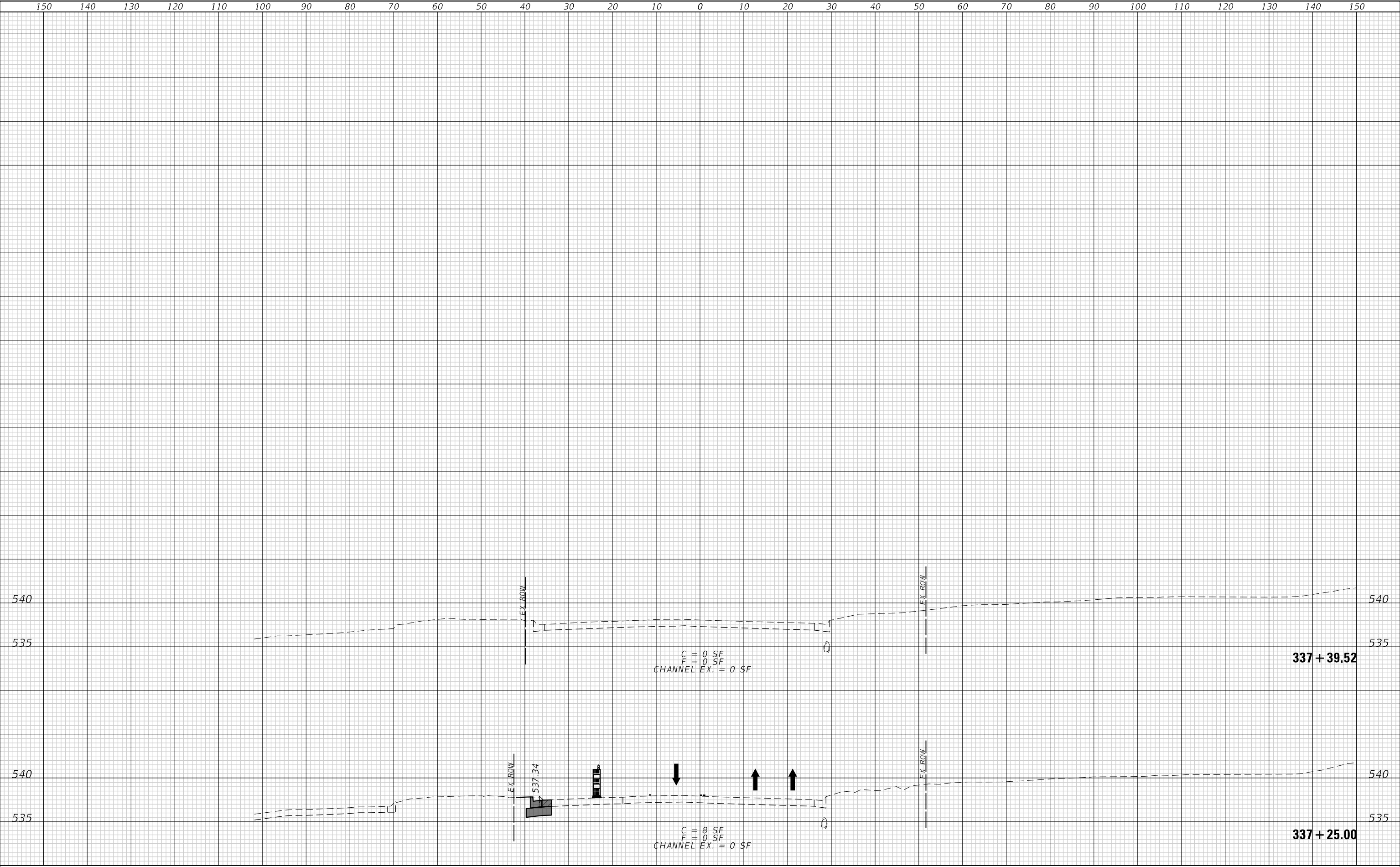
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FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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

MODEL Default
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USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

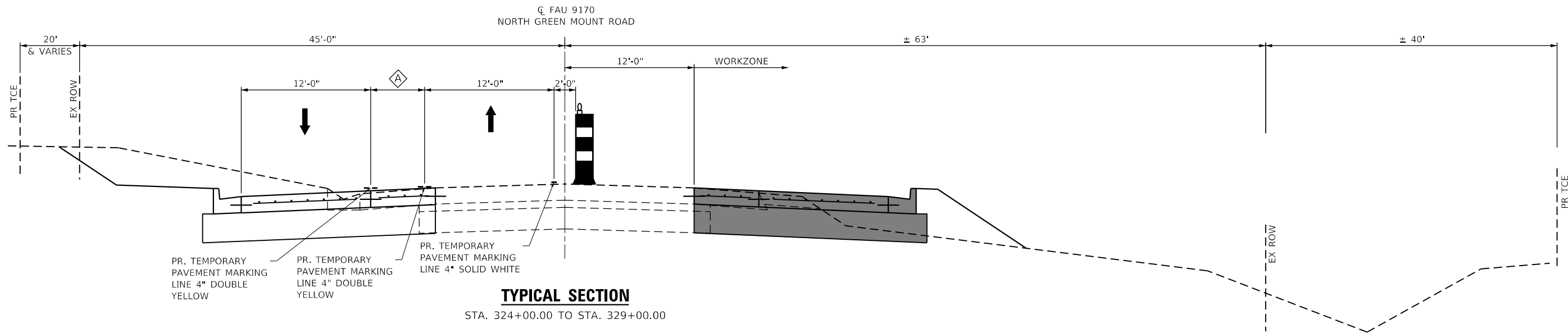
VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

STAGE 1 - CROSS SECTIONS

SCALE: 1"=10' SHEET 25 OF 25 SHEETS STA. 337+25.00 TO STA. 337+39.52

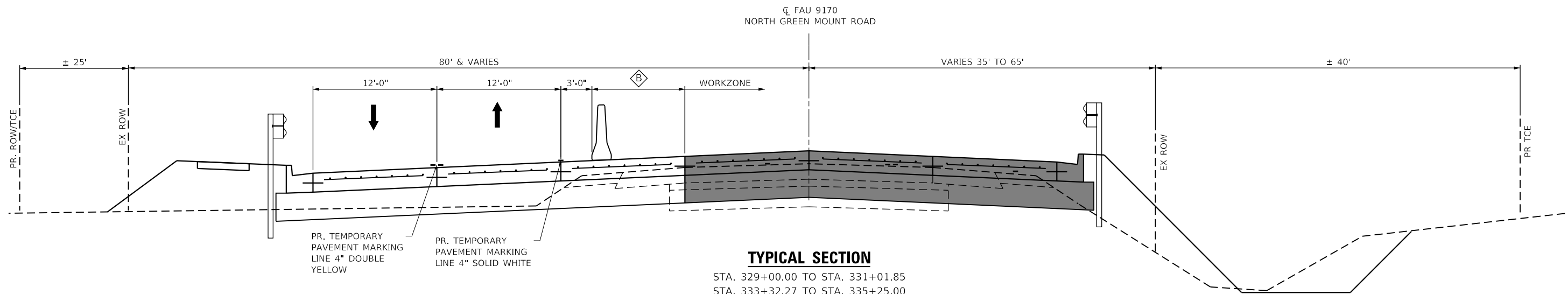
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	85
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STA. 324+00.00 TO STA. 329+00.00

◊ A STA. 324+00.00 TO STA. 329+00.00 VARIES 9'-6" TO 0'

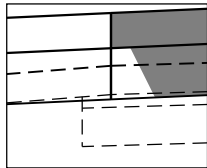
CONSTRUCTION THIS STAGE



TYPICAL SECTION
STA. 329+00.00 TO STA. 331+01.85
STA. 333+32.27 TO STA. 335+25.00

◊ B STA. 329+00.00 TO STA. 331+01.85 VARIES 5'-7" TO 9'-4"
STA. 333+32.27 TO STA. 335+25.00 VARIES 8'-9" TO 1'-11"

CONSTRUCTION THIS STAGE



INSET A

STA. 330+25.00 TO STA. 330+86.85
STA. 333+47.27 TO STA. 334+00.00

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USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

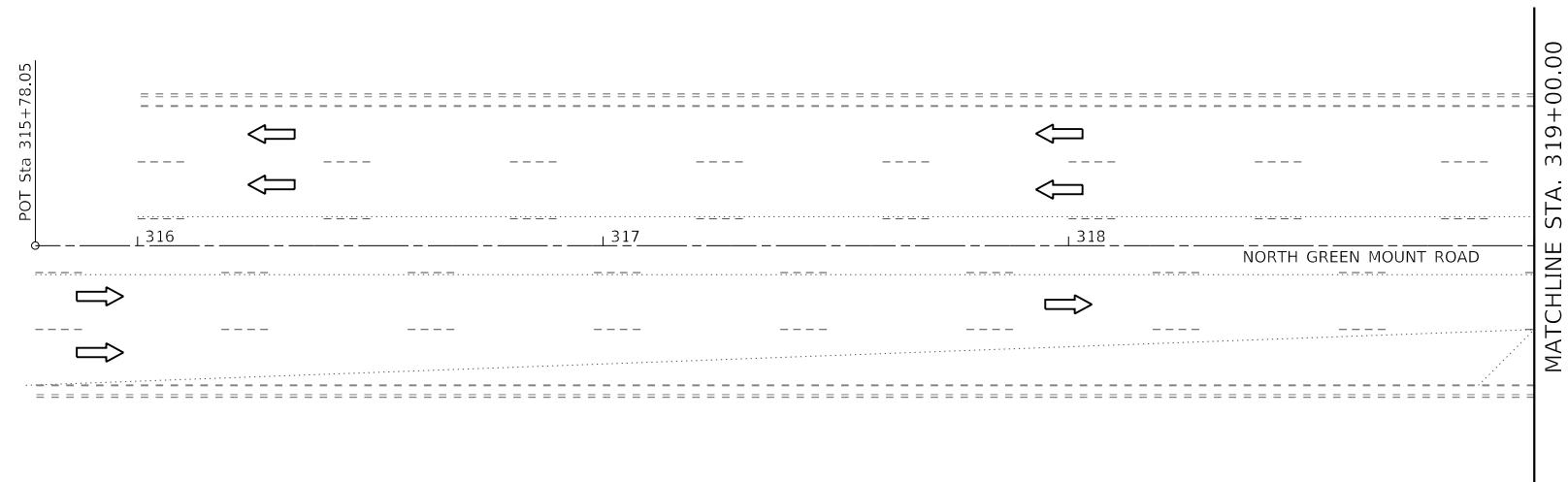


VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 2 – TYPICAL SECTION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	86
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

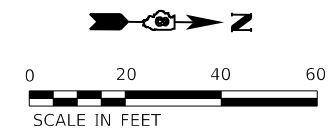
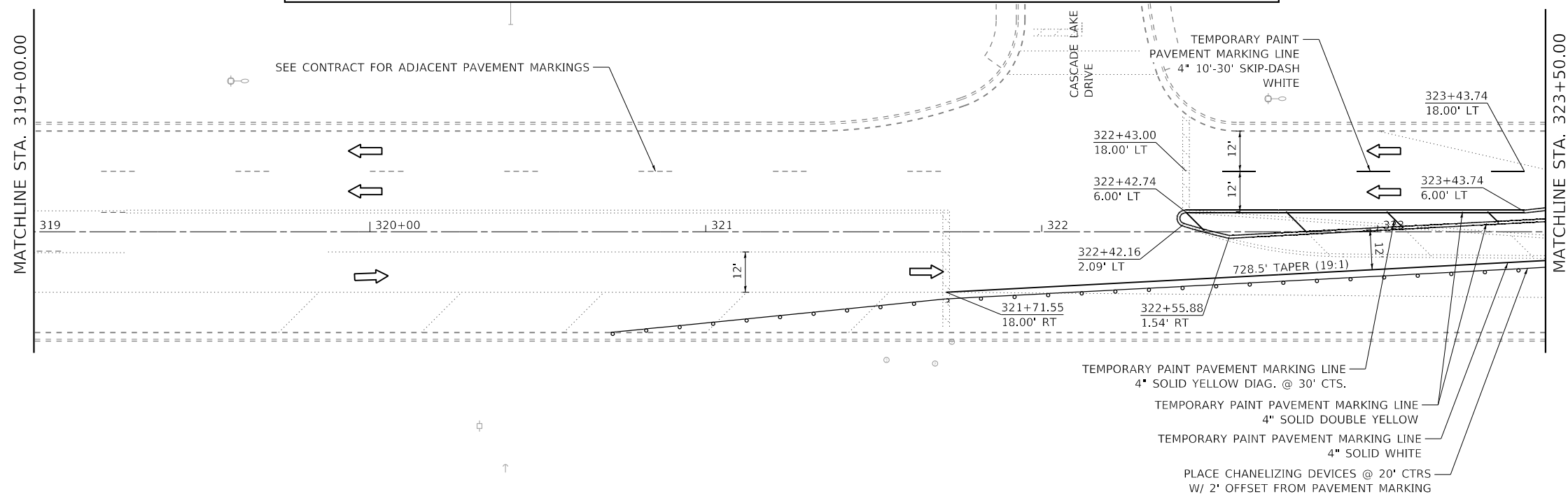
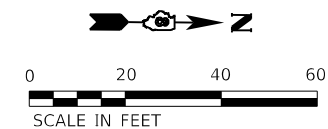


NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.
2. THE PLANS HAVE BEEN DEVELOPED ASSUMING PAVEMENT FOR CN 97873 HAS BEEN CONSTRUCTED AND WILL BE IN PLACE. DEPENDING ON ACTUAL CONSTRUCTION TIMELINE(S), ADJUSTMENTS TO TEMPORARY PAVEMENT MARKINGS MAY BE NECESSARY. THESE ADJUSTMENTS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

LEGEND

- TRAFFIC FLOW
- WORK ZONE
- TEMPORARY PAVEMENT
- DRUMS OR BARRICADES W/ STEADY BURN WARNING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE 3 BARRICADE
- ARROWBOARD



MODEL Dwg.rvt
FILE NAME: T:\2021\211364\A4 CADD - DWG\A4.7 TranCADD Sheets\211364A-MOT02-00.dgn



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LICENSE NO: 184-001220

USER NAME	= effisher
DESIGNED	-
DRAWN	-
PLOT SCALE	= 40,0000 ' / in.
CHECKED	-
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REVIS	-



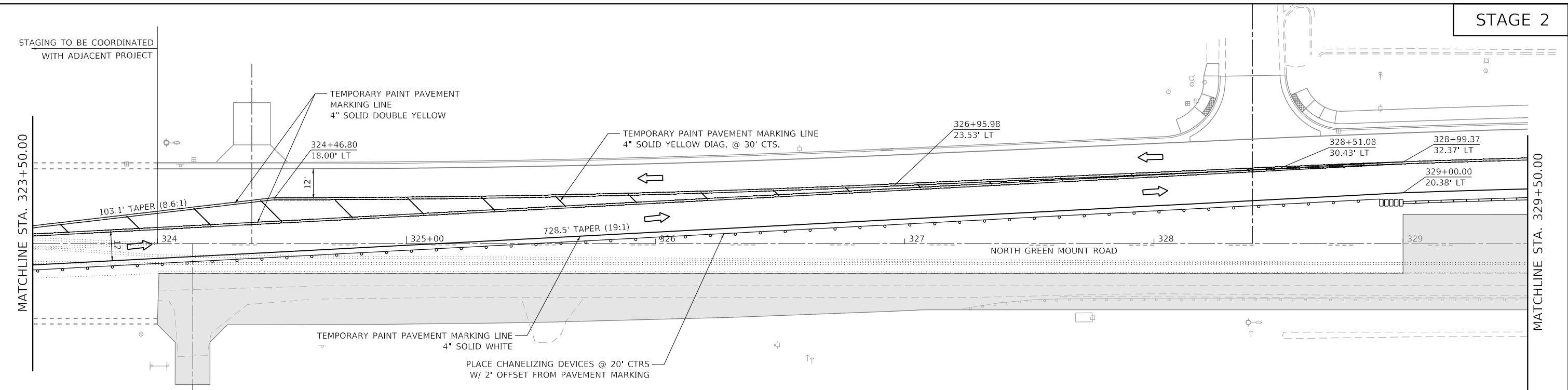
VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 2 - PLAN

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 315+78.05 TO STA. 323+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	88
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE NAME: T:\2021\131364\4 CADD - DWG\4.7 TwpCADD Streets\131364A-MOT02-01.dgn



STAGE 2

MATCHLINE STA. 329+50.00

NOTES

- ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.

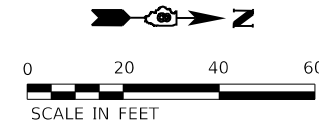
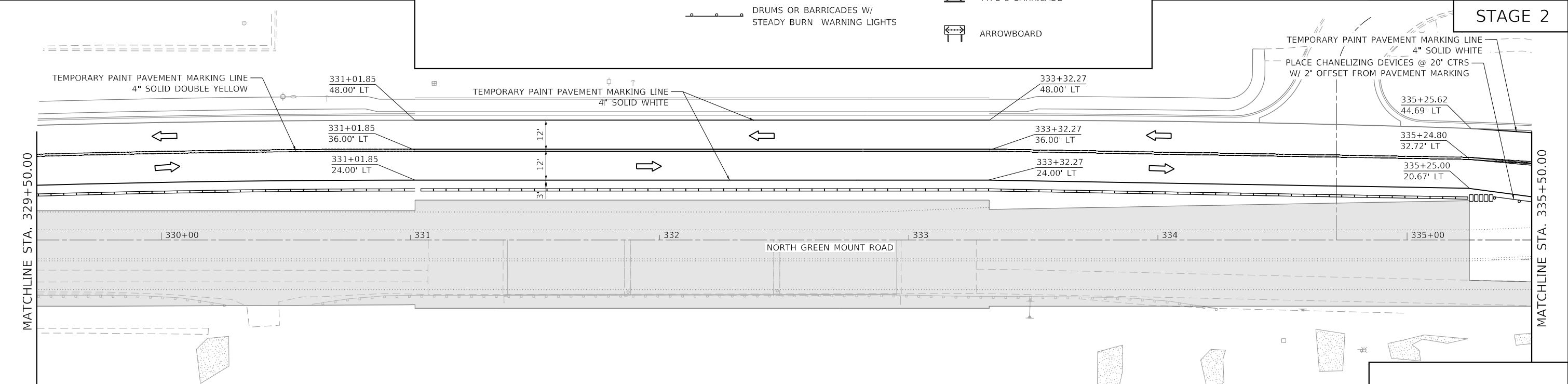
LEGEND

- TRAFFIC FLOW
- WORK ZONE
- TEMPORARY PAVEMENT
- DRUMS OR BARRICADES W/ STEADY BURN WARNING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE 3 BARRICADE
- ARROWBOARD



STAGE 2

MATCHLINE STA. 335+50.00



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USER NAME = efisher
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

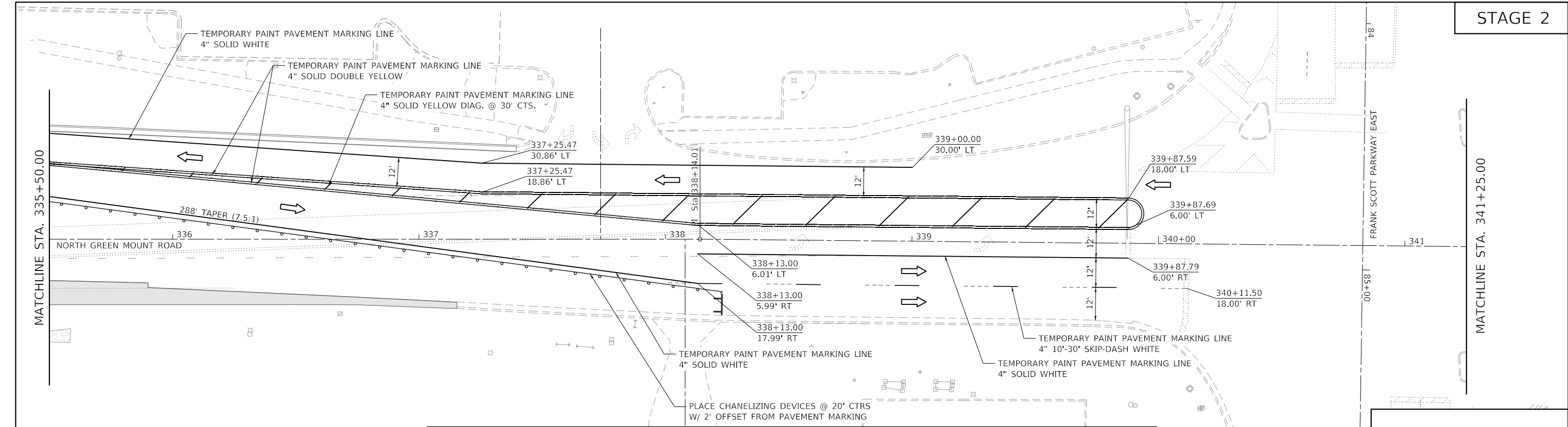


VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL STAGE 2 - PLAN

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 323+50.00 TO STA. 335+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	89
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



STAGE 2

NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.

LEGEND

TRAFFIC FLOW

WORK ZONE

TEMPORARY PAVEMENT

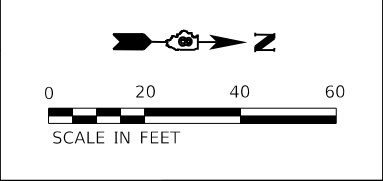
DRUMS OR BARRICADES W/ STEADY BURN WARNING LIGHTS

TEMPORARY CONCRETE BARRIER

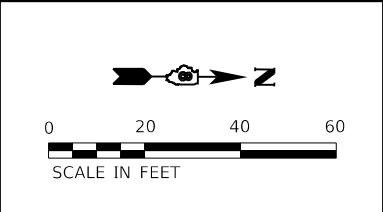
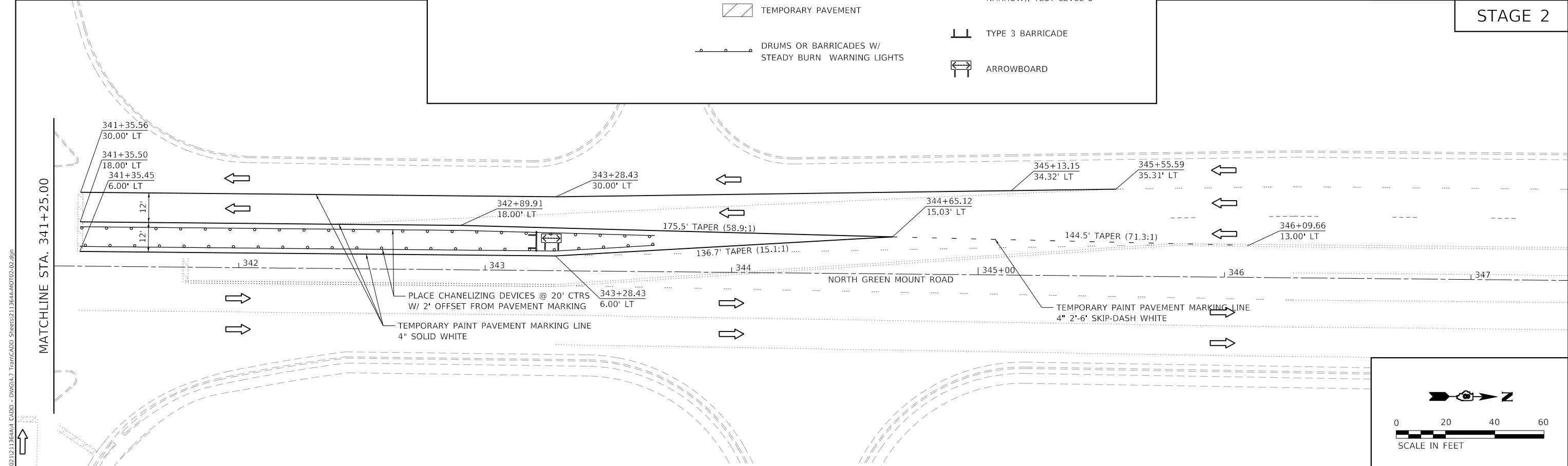
IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

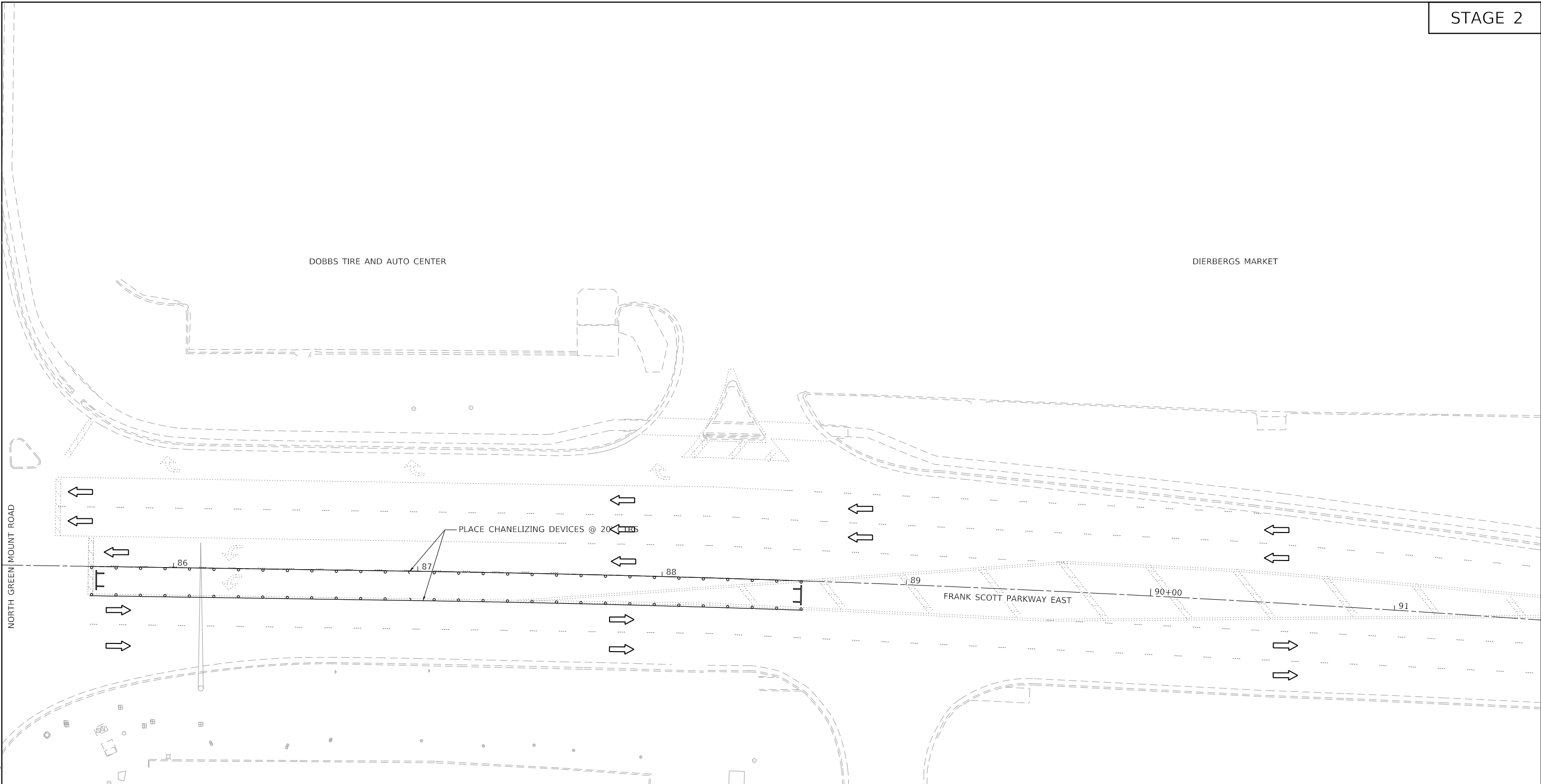
TYPE 3 BARRICADE

ARROWBOARD



STAGE 2



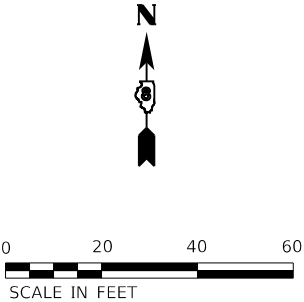


NOTES

1. ALL DRAINAGE STRUCTURES & PIPES SHALL BE CONSTRUCTED DURING STAGE CONSTRUCTION.

LEGEND

- TRAFFIC FLOW
- WORK ZONE
- TEMPORARY PAVEMENT
- DRUMS OR BARRICADES W/ STEADY BURN WARNING LIGHTS
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TYPE 3 BARRICADE
- ARROWBOARD





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LICENSE NO: 184-001220

MODEL: Dwg.dgn
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DRAWN	-	DRAWN	-	REVISED	-
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PLOT DATE	= 3/5/2026	DATE	-	REVISED	-



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 2 – PLAN

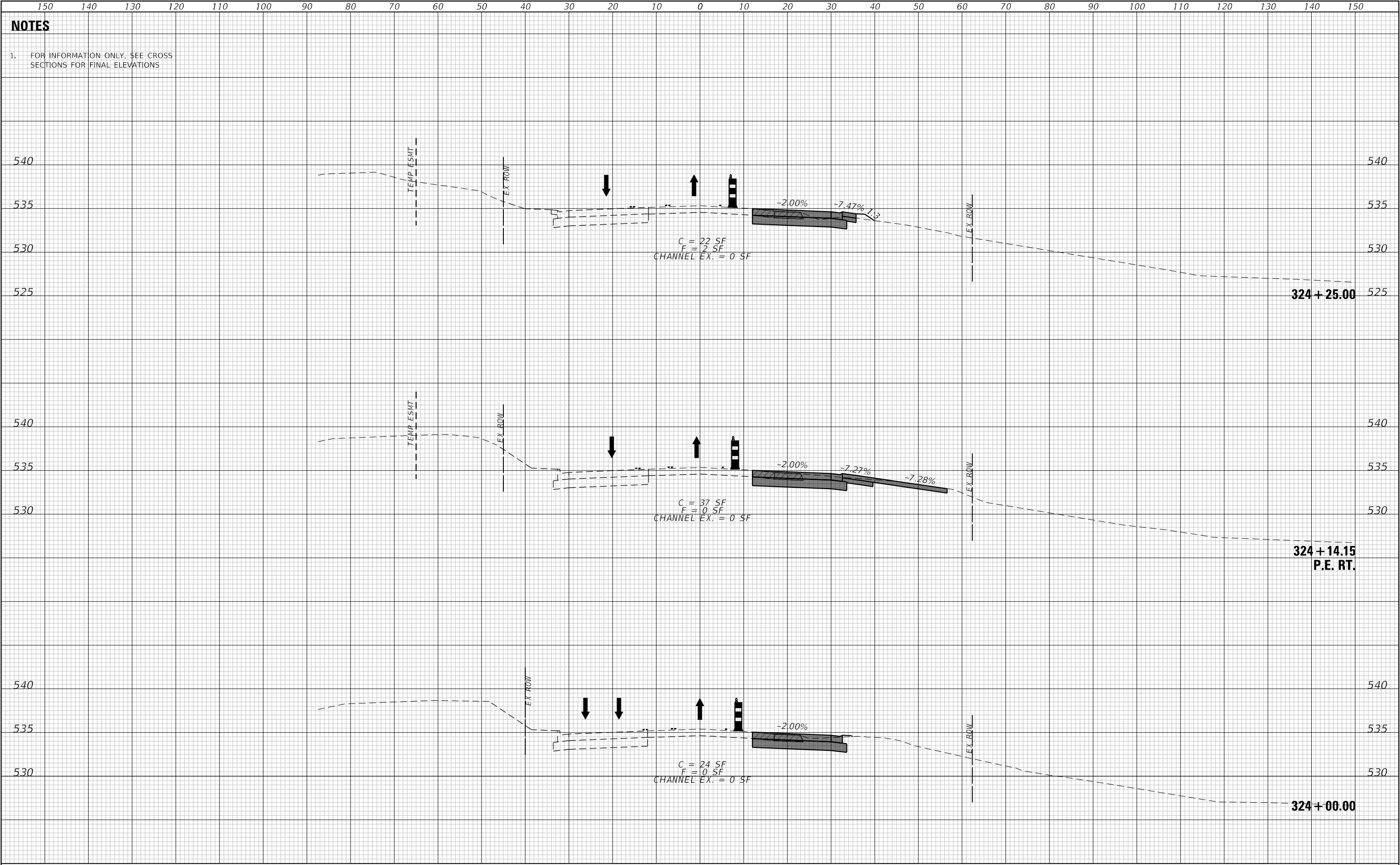
SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 85+65.84 TO STA. 88+57.73

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	91
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

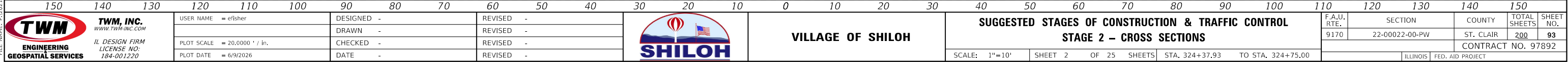
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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FINAL	
SURVEY	
NOTE BOOK	
NO.	

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

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	AREAS _____		
NO. _____	AREAS CHECKED _____		

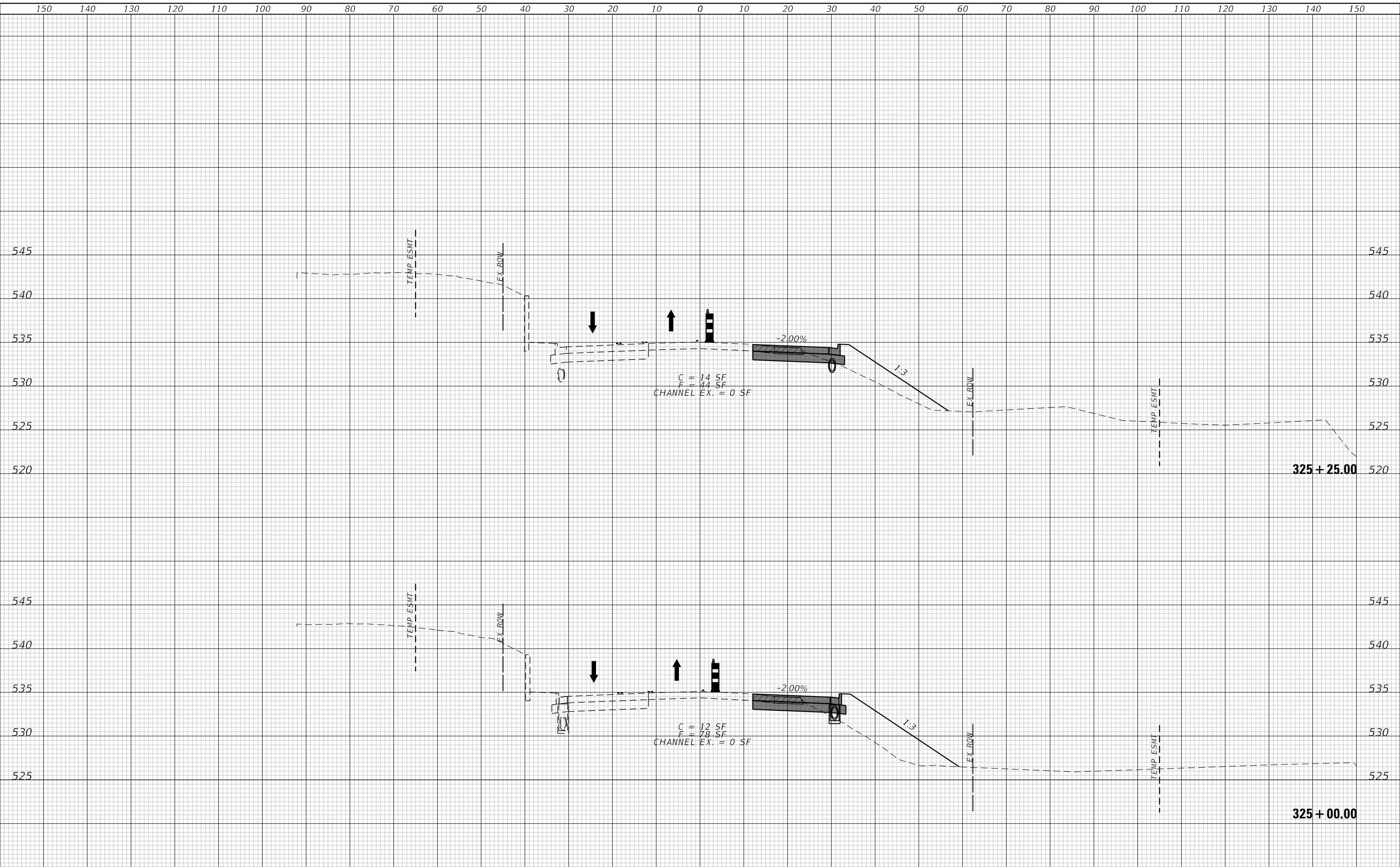


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	93
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

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

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

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

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

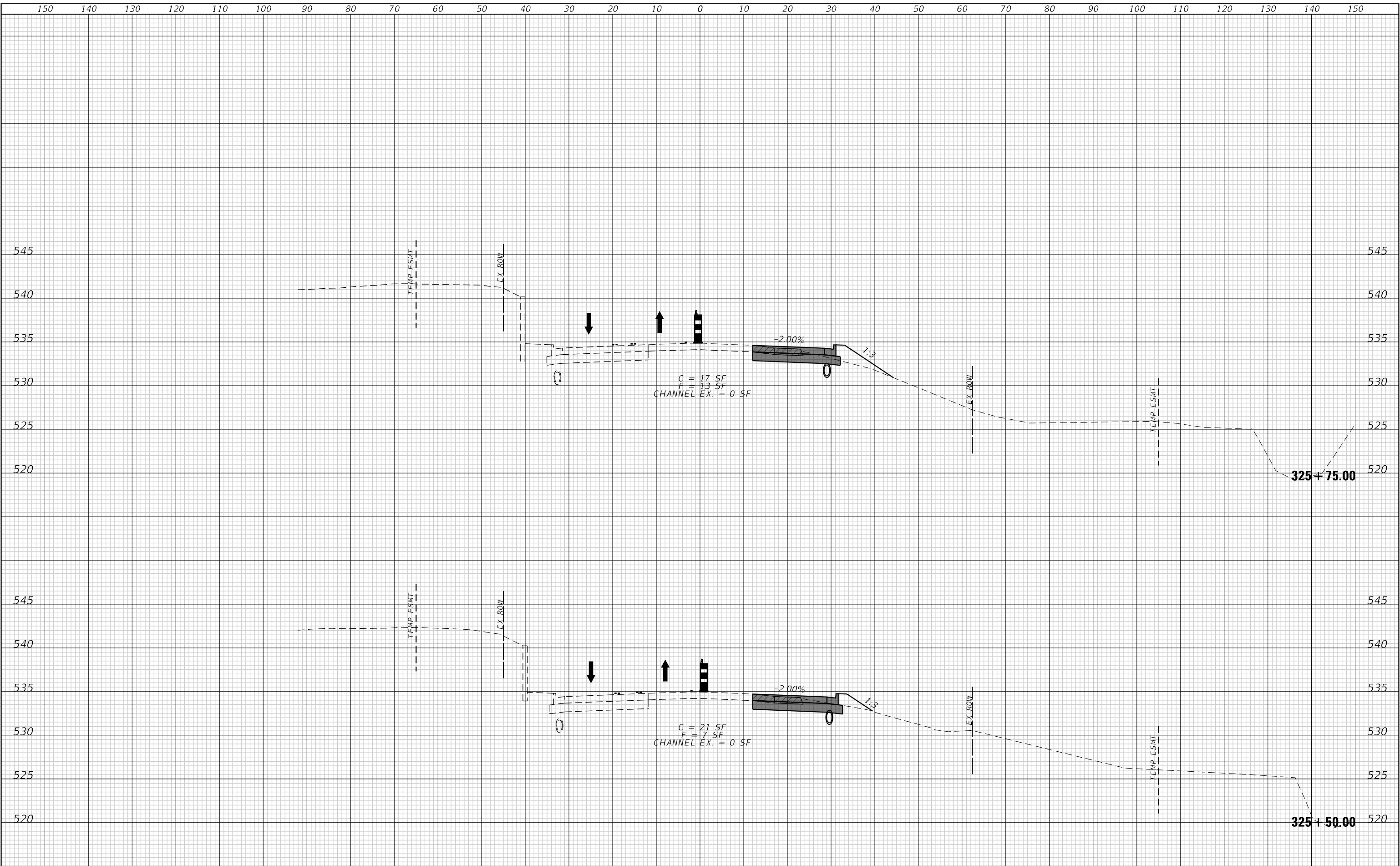
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL			
STAGE 2 – CROSS SECTIONS			
SCALE: 1"=10'	SHEET 3	OF 25 SHEETS	STA. 325+00.00 TO STA. 325+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	94
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

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

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
CHECKED -
PLOT DATE = 3/5/2026
DATE -

DESIGNED -
REVISED -
DRAWN -
REVISED -
CHECKED -
REVISED -
DATE -
REVISED -



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 2 – CROSS SECTIONS

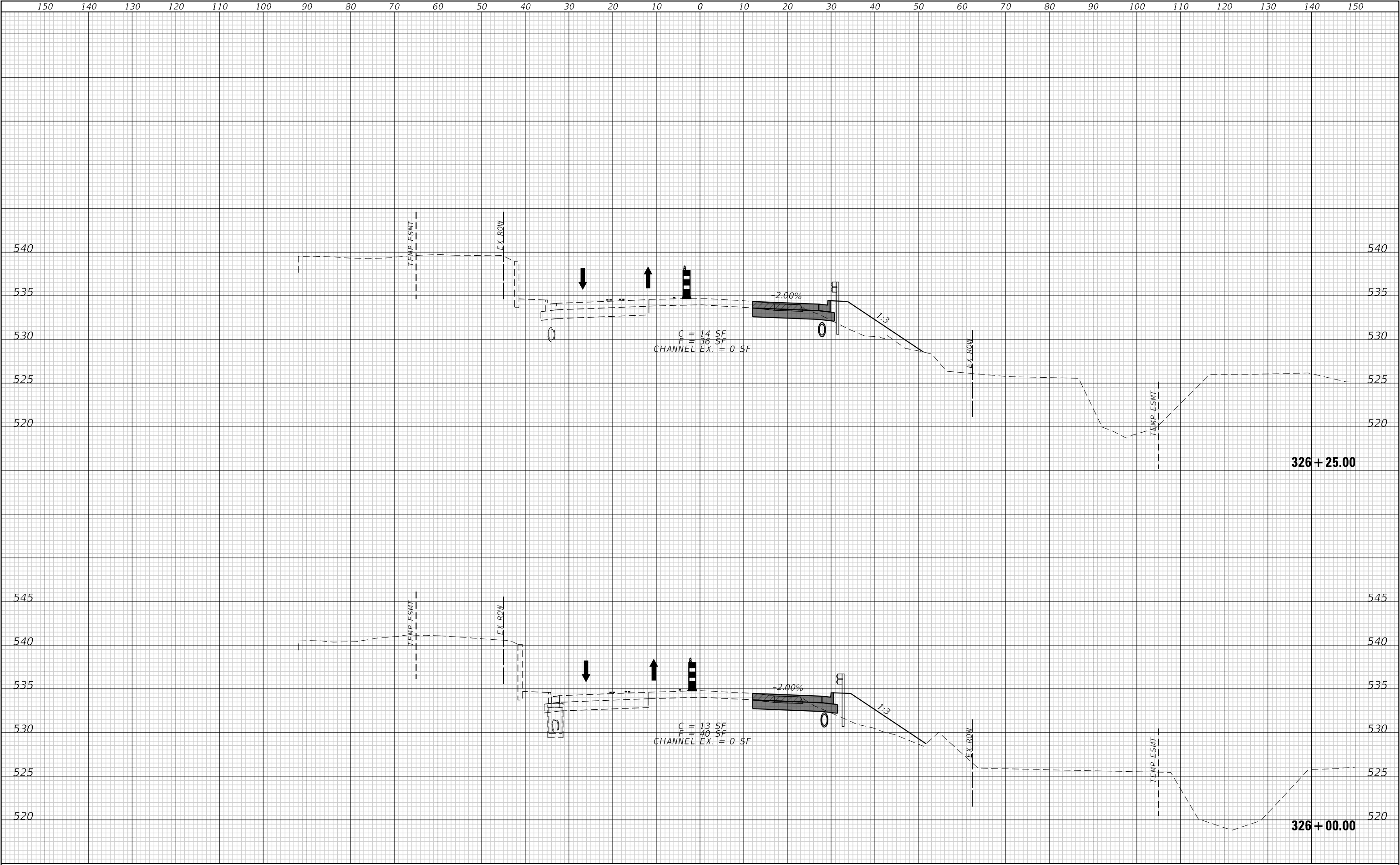
SCALE: 1"=10' SHEET 4 OF 25 SHEETS STA. 325+50.00 TO STA. 325+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	95
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

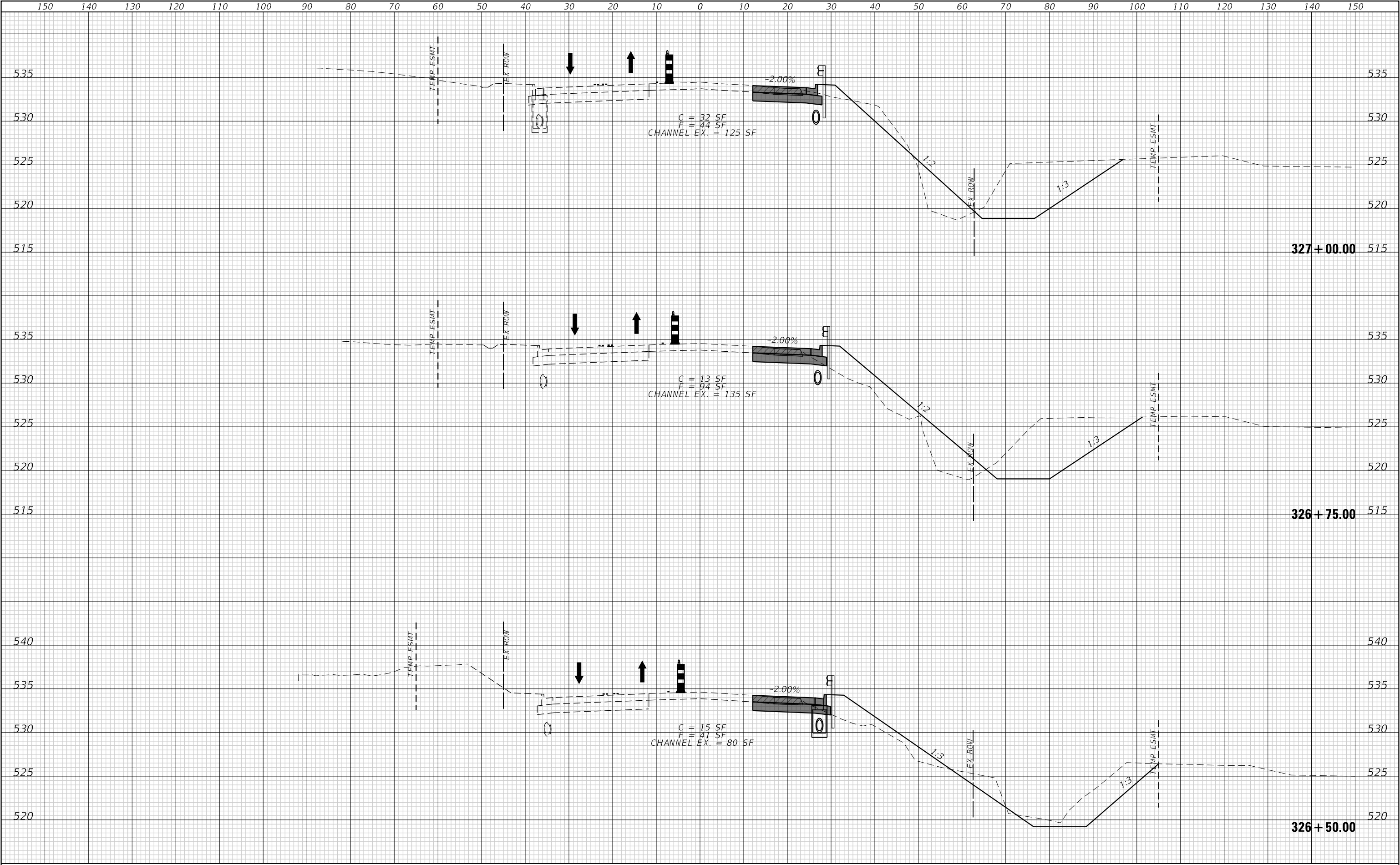
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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
		FINAL	NO.	NO.	NO.	NO.

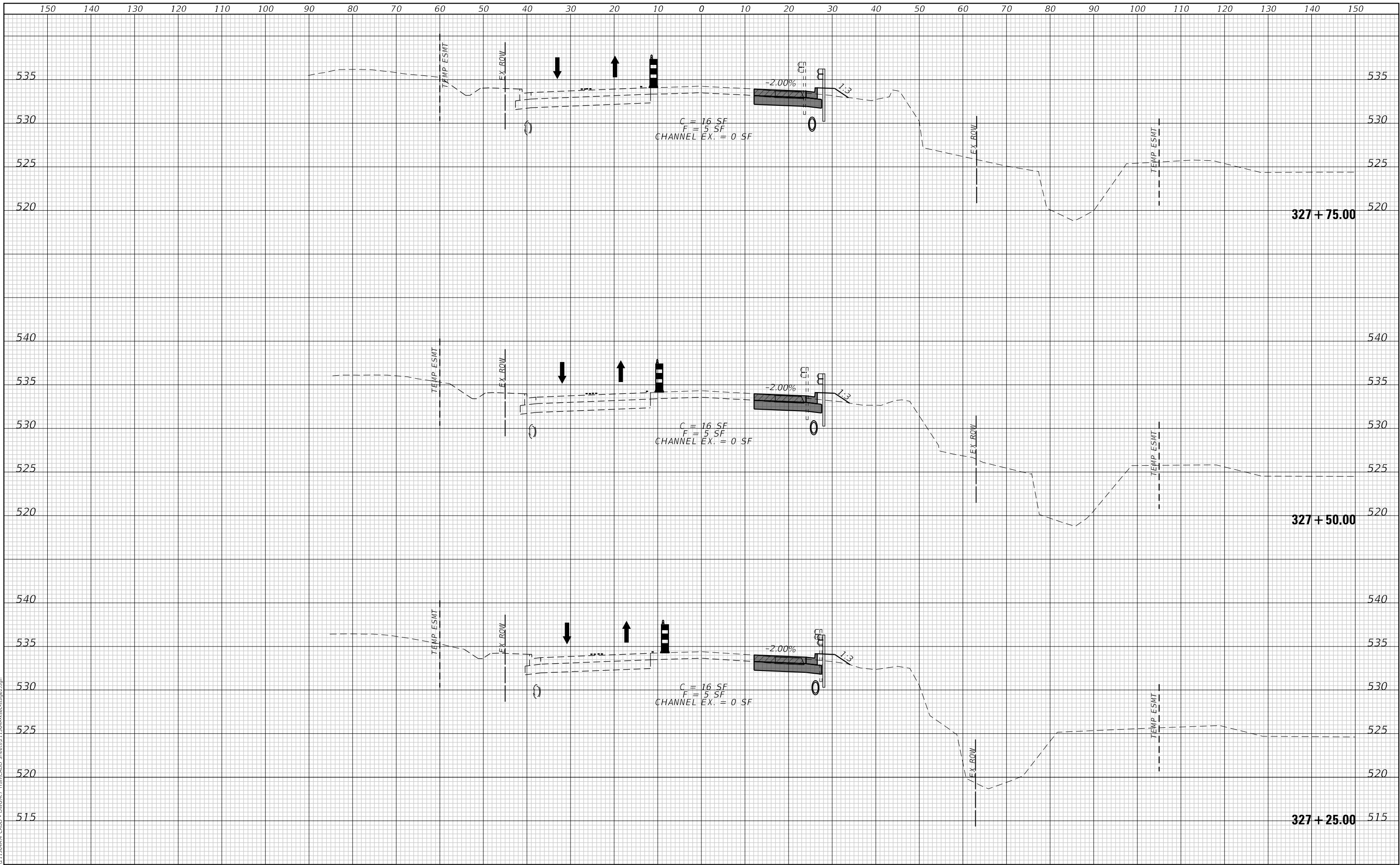
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FINAL SURVEY		BY	DATE
	SURVEYED _____		
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		
NO. _____			

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



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

USER NAME	= efisher
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 3/5/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

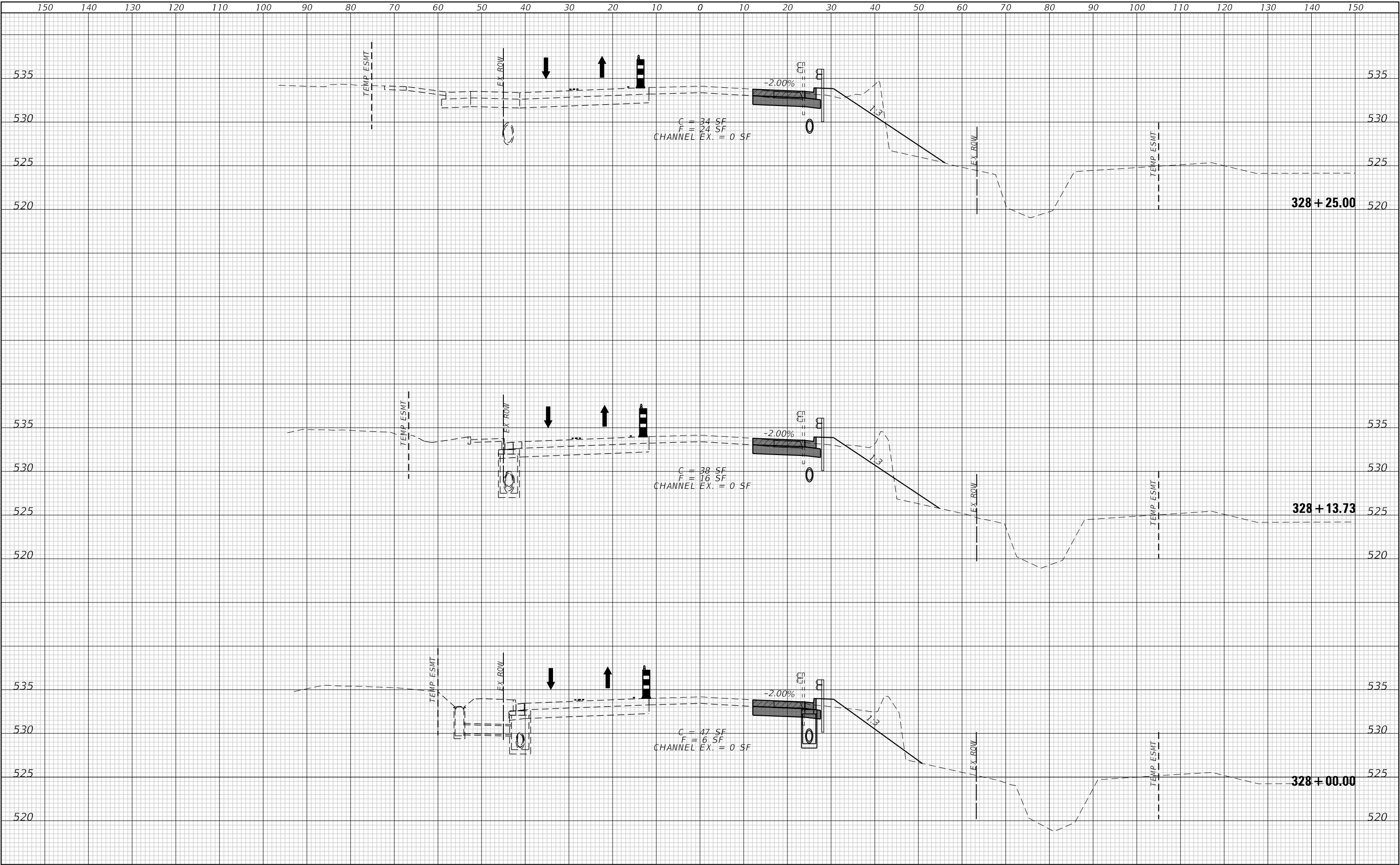
SCALE: 1"=10'	SHEET 7 OF 25 SHEETS	STA. 327+25.00 TO STA. 327+75.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	98
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

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

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

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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

VILLAGE OF SHILOH

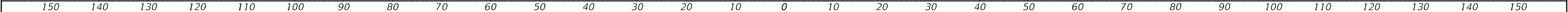
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 2 – CROSS SECTIONS

SCALE: 1"=10'	SHEET 8	OF 25 SHEETS	STA. 327+75.00	TO STA. 328+25.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	99
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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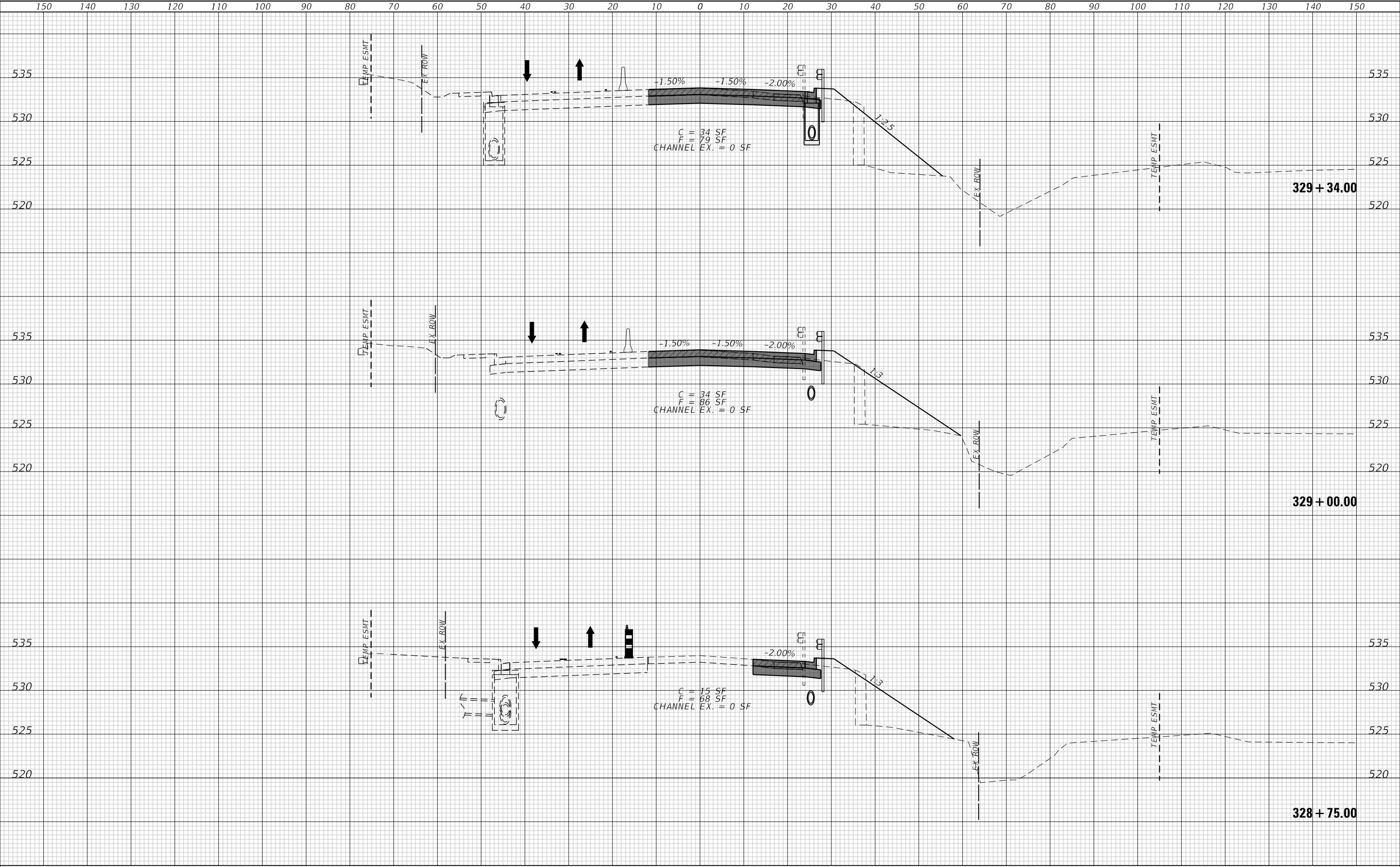
SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 2 – CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	100
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

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

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

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

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
REVIS
DRAWN -
CHECKED -
DATE -

REVIS
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REVIS



VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 2 - CROSS SECTIONS

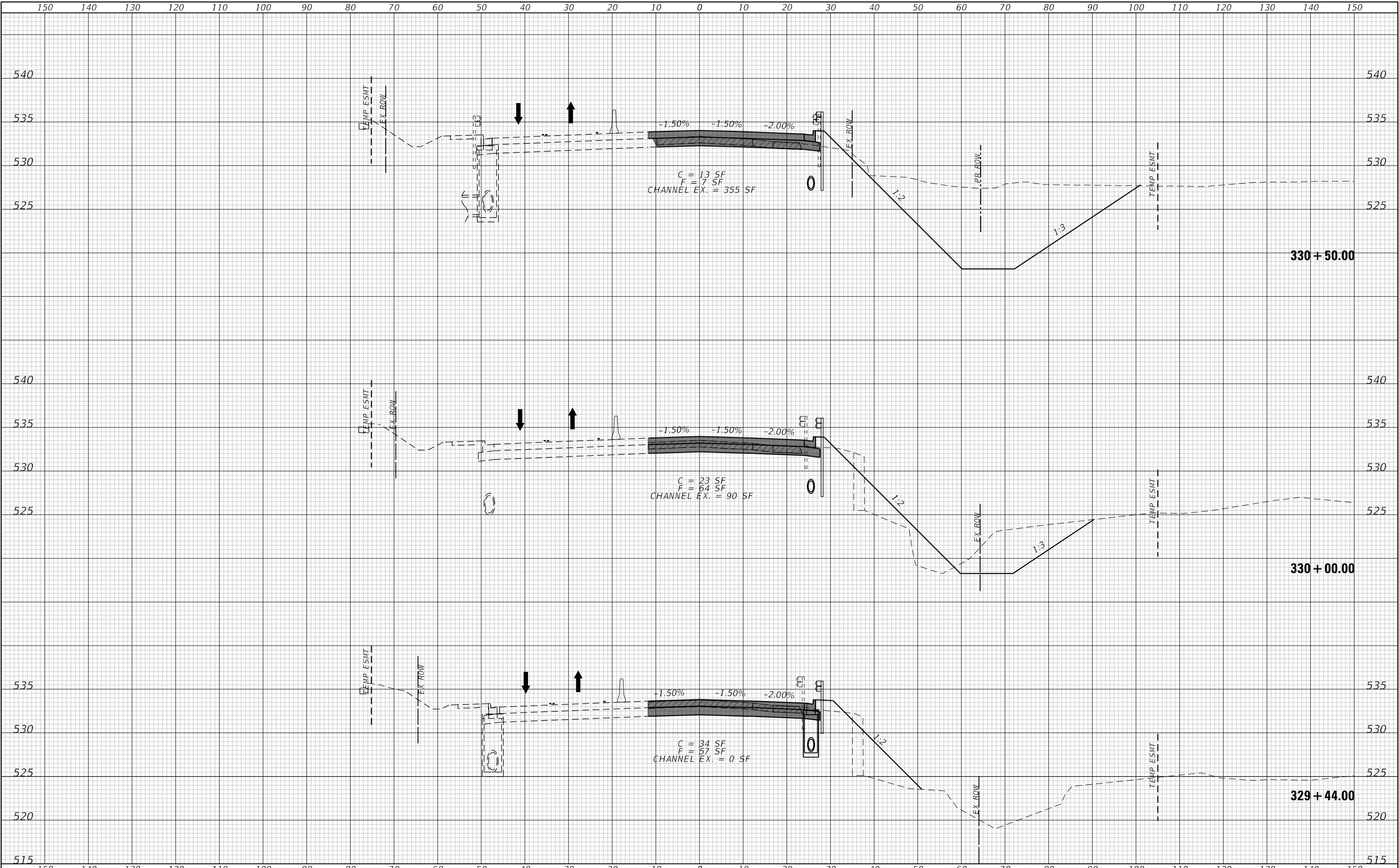
SCALE: 1"=10' SHEET 10 OF 25 SHEETS STA. 328+75.00 TO STA. 329+34.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	101
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

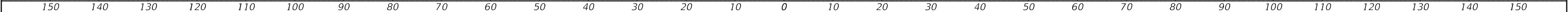
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FINAL						
SURVEY						
NOTE BOOK						
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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL						
SURVEY						
NOTE BOOK						
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ORIGINAL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



DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -



SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

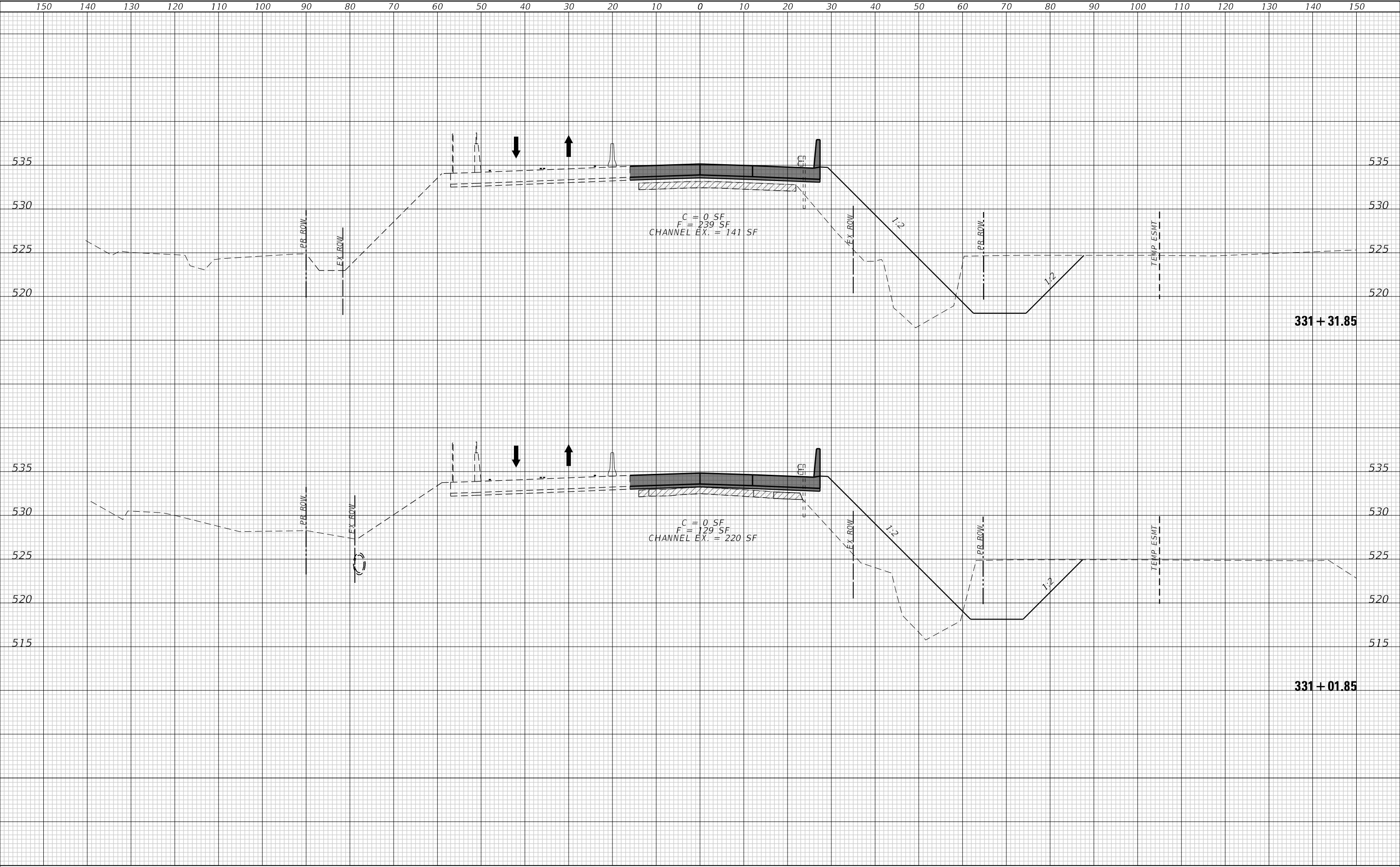
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9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	103
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

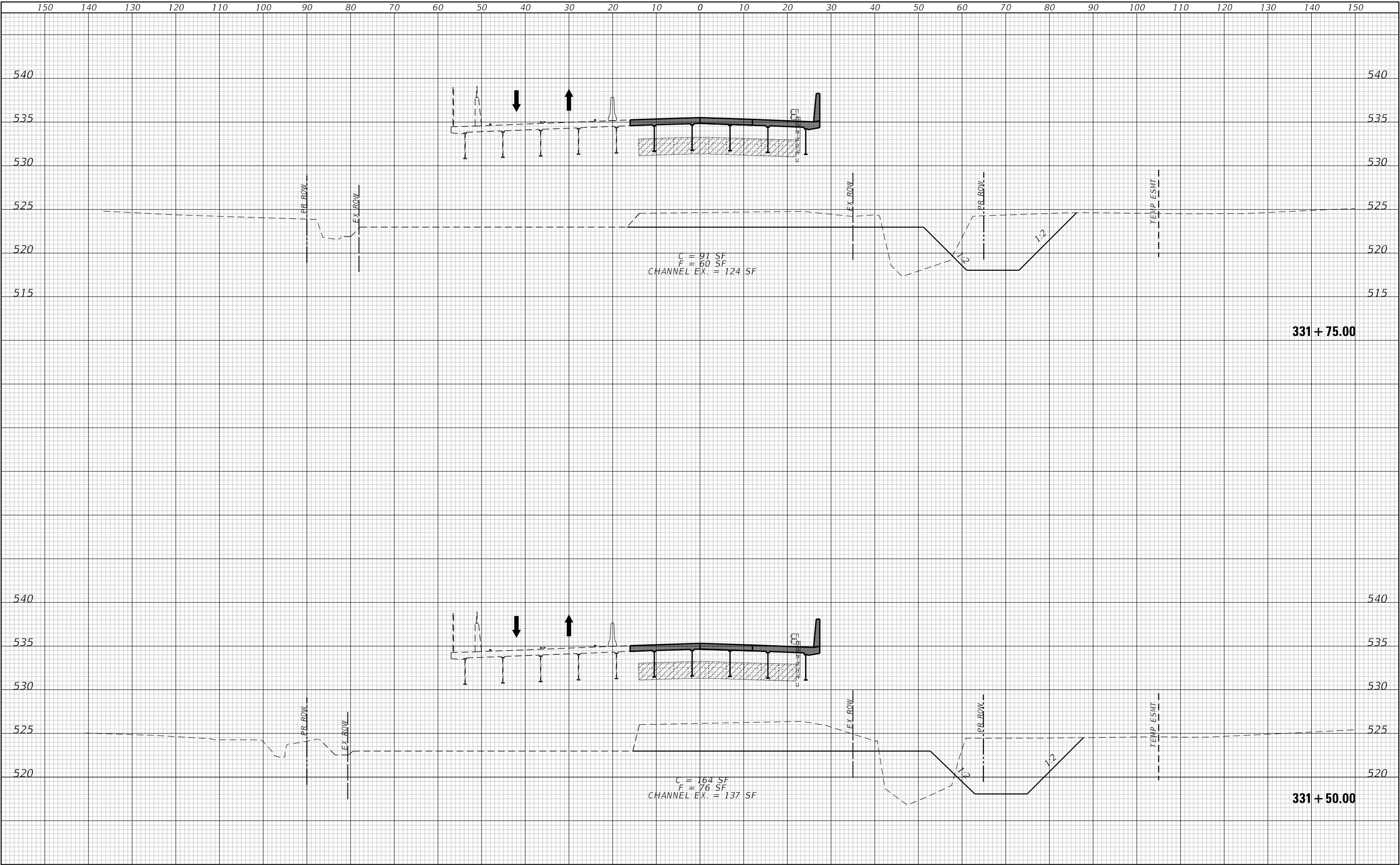
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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED
FINAL		SURVEY	NOTE BOOK			
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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED
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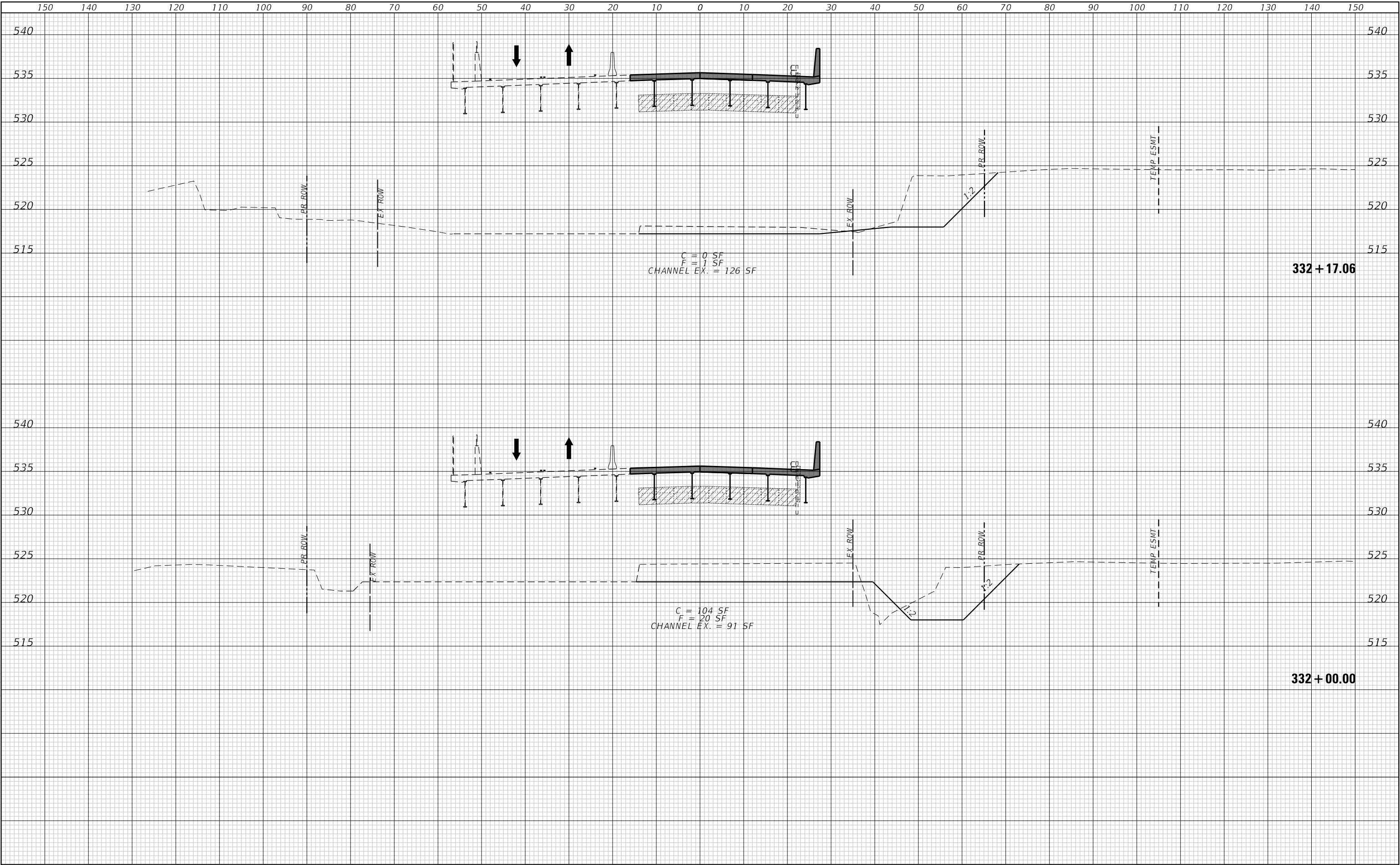
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		NO.	NO.	CHECKED
		NO.	NO.	CHECKED

DATE	BY	SURVEYED	PLOTTED	AREAS
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		NO.	NO.	CHECKED
		NO.	NO.	CHECKED

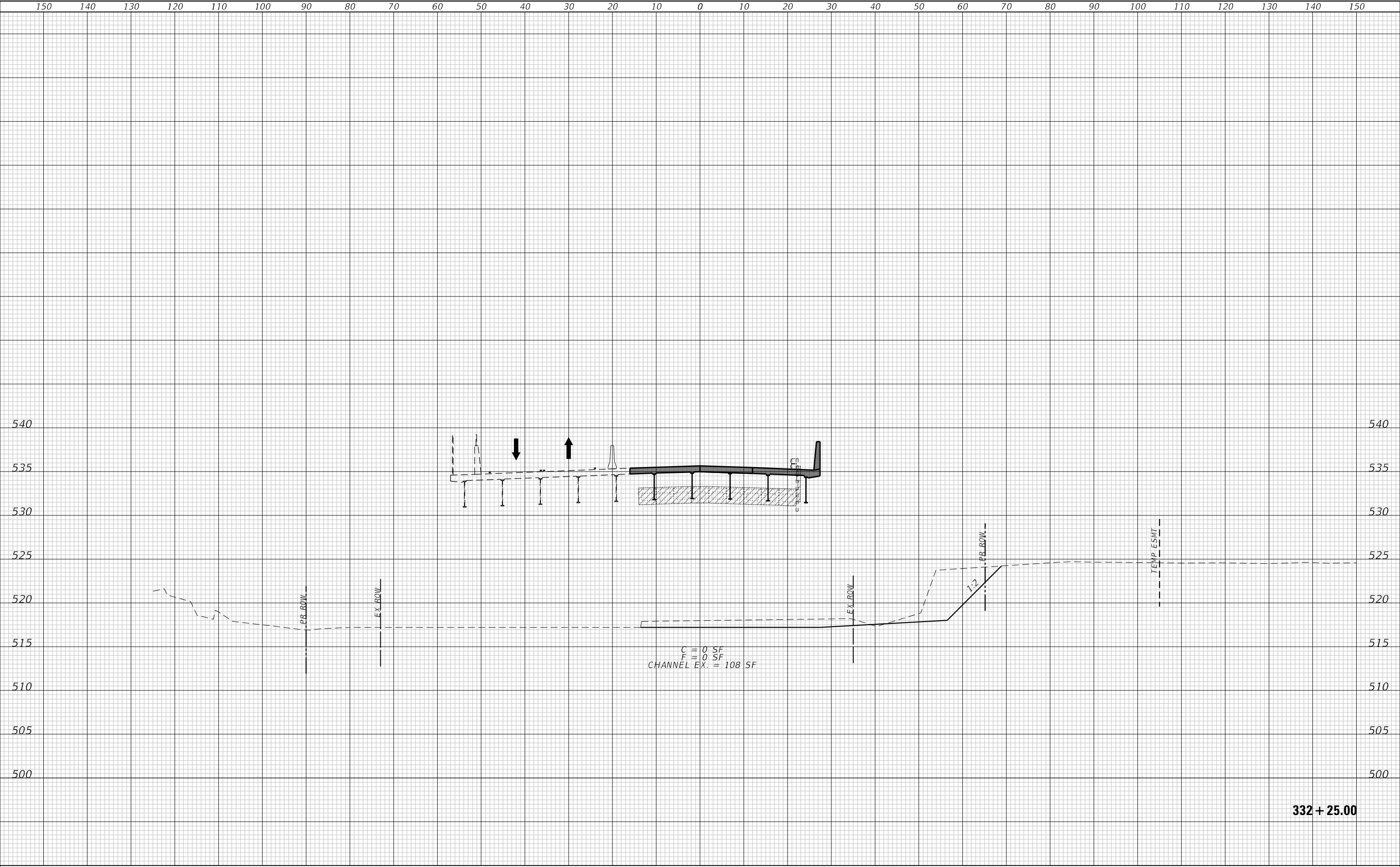
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FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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

MODEL Default
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TWM, INC.
www.twm-inc.com
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL
STAGE 2 - CROSS SECTIONS

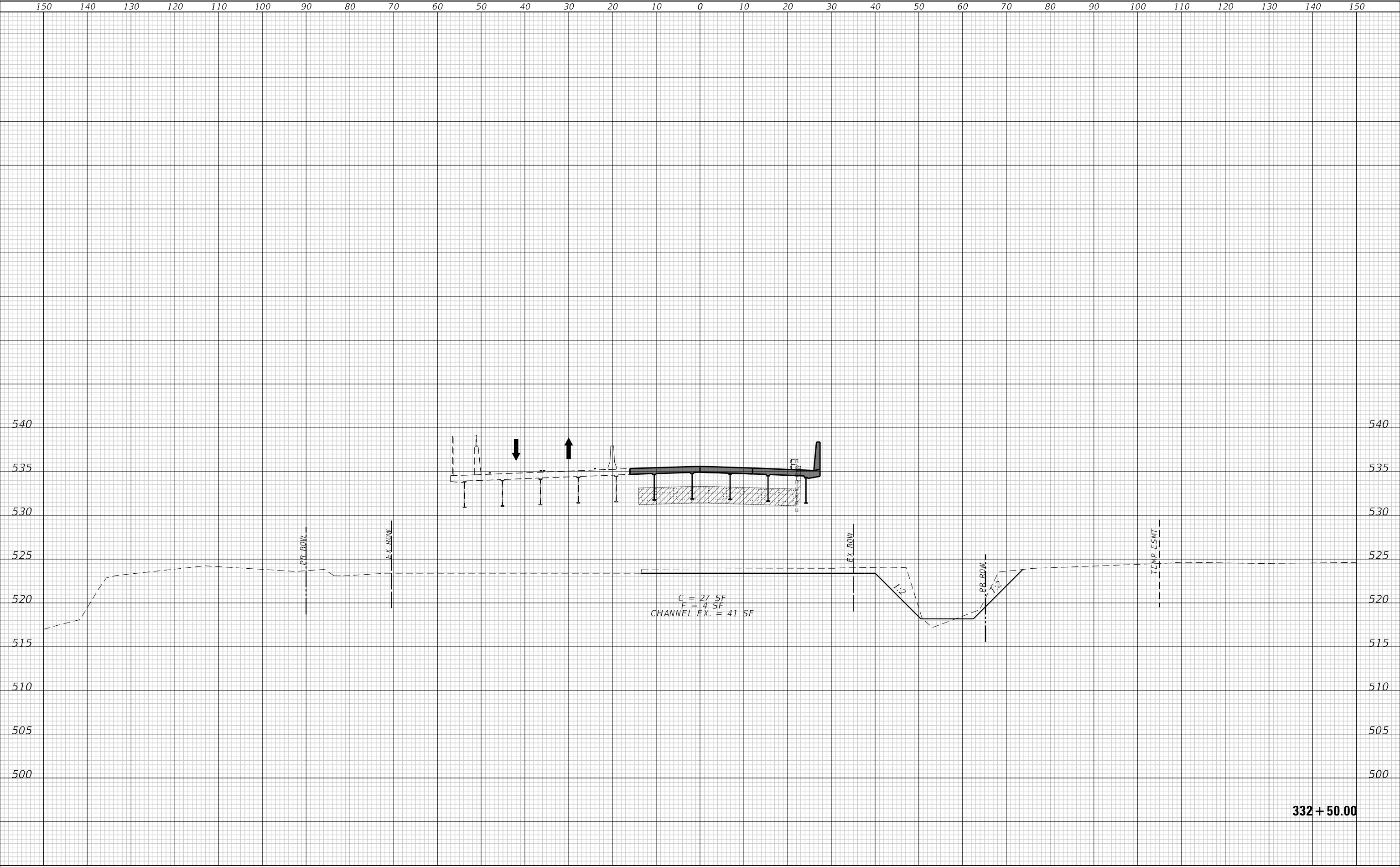
SCALE: 1"=10' SHEET 16 OF 25 SHEETS STA. 332+25.00 TO STA. 332+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	107
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
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DATE	BY	SURVEYED	PLOTTED	AREAS	AREAS
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FINAL		NO.	NO.	NO.	NO.
SURVEY		NO.	NO.	NO.	NO.
NOTE		NO.	NO.	NO.	NO.
BOOK		NO.	NO.	NO.	NO.
NO.		NO.	NO.	NO.	NO.

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

MODEL: Default
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ORIGINAL		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			



TWM
ENGINEERING
&
GEOSPATIAL SERVICES

USER NAME	= efisher
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 3/5/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-



SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

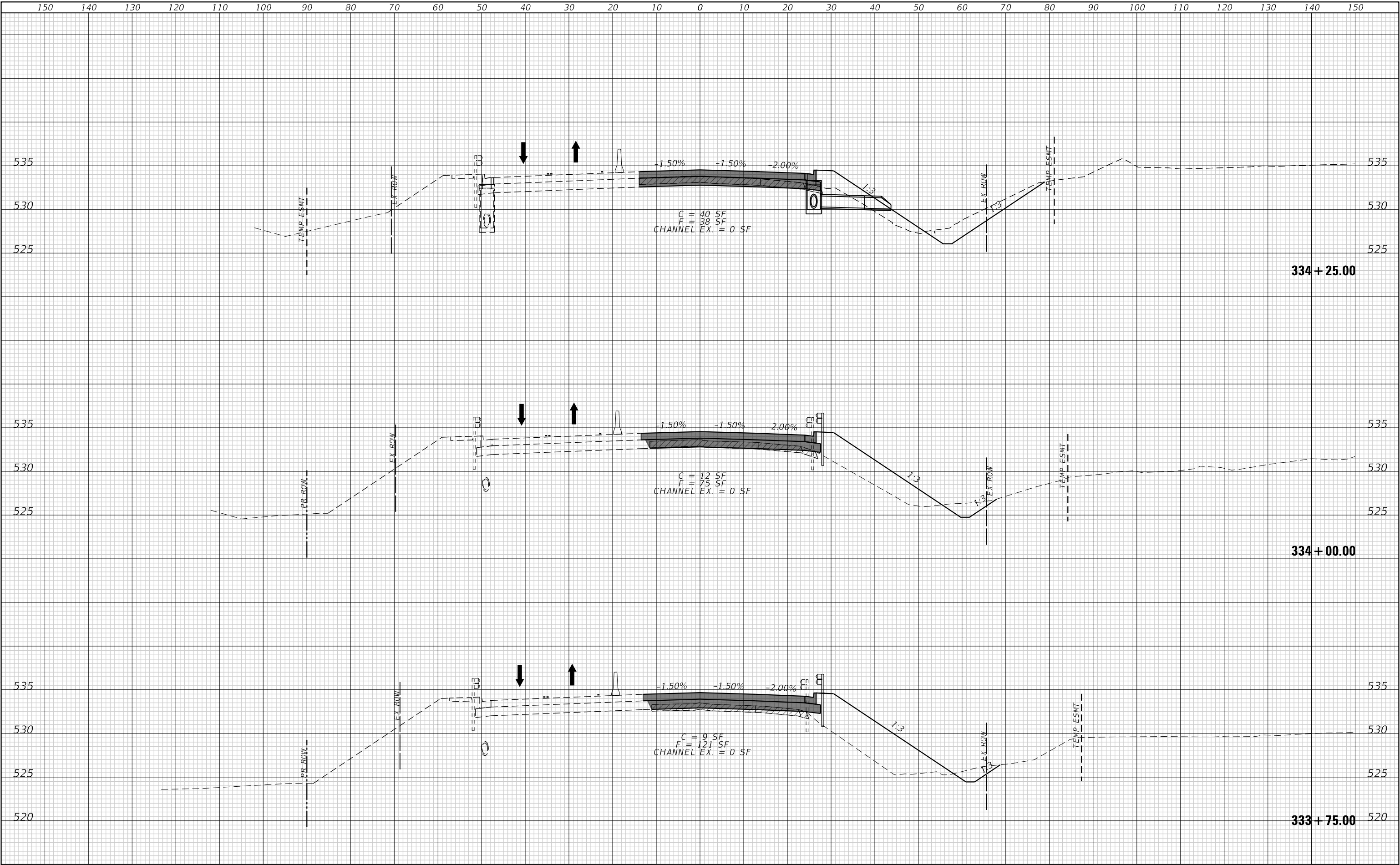
SCALE: 1"=10'	SHEET 19 OF 25 SHEETS	STA. 333+32.27 TO STA. 333+50.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	110
		CONTRACT NO. 97892		
		ILLINOIS	FED. AID PROJECT	

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

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

 TWM, INC. www.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher	DESIGNED -	REVISED -
	PLOT SCALE = 20,0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/5/2026	CHECKED -	REVISED -
		DATE -	REVISED -





STAGE 2 – CROSS SECTIONS

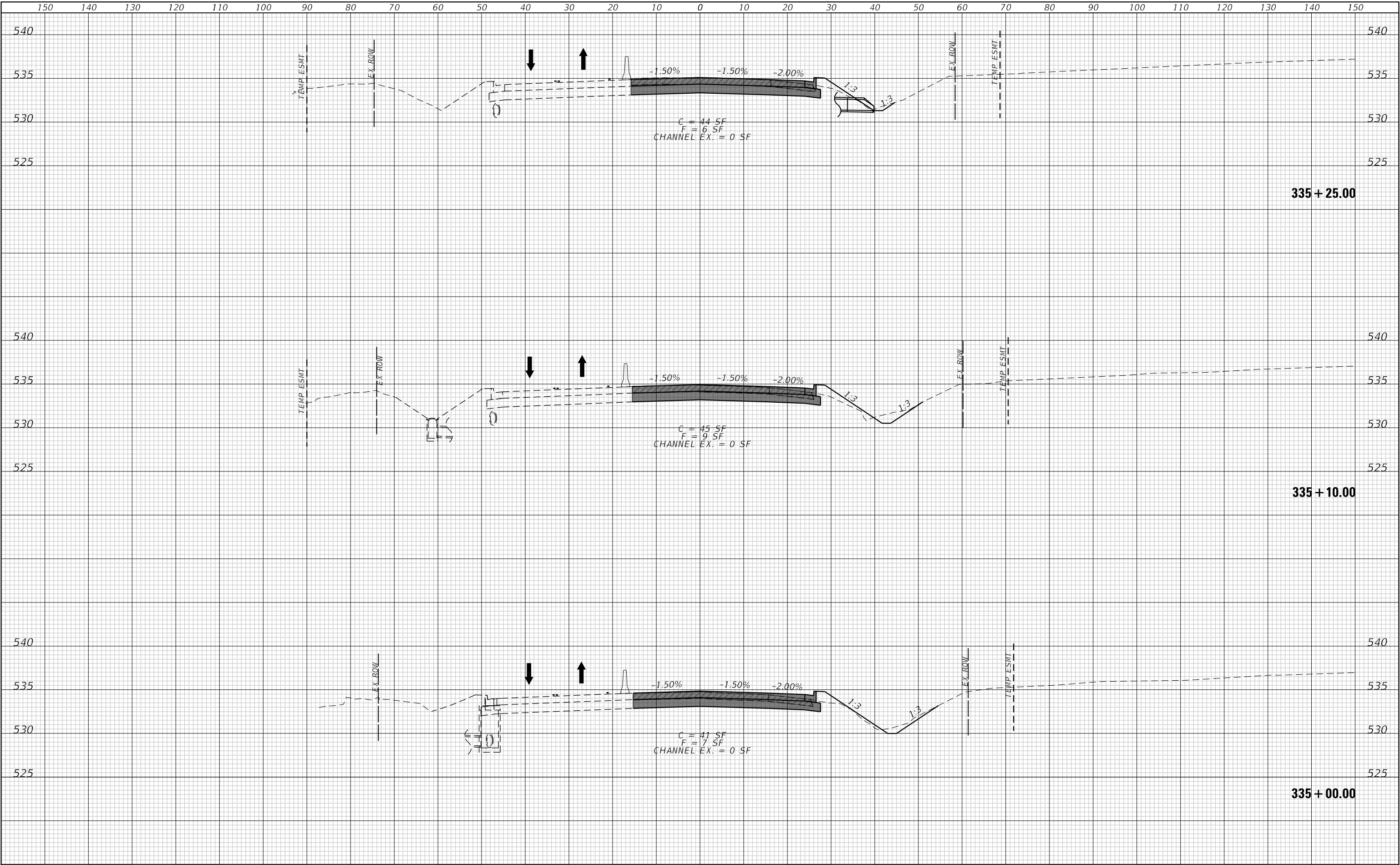
SCALE: 1"=10'	SHEET 21 OF 25 SHEETS	STA. 334+35.00 TO STA. 334+72.31
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	112
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

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

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

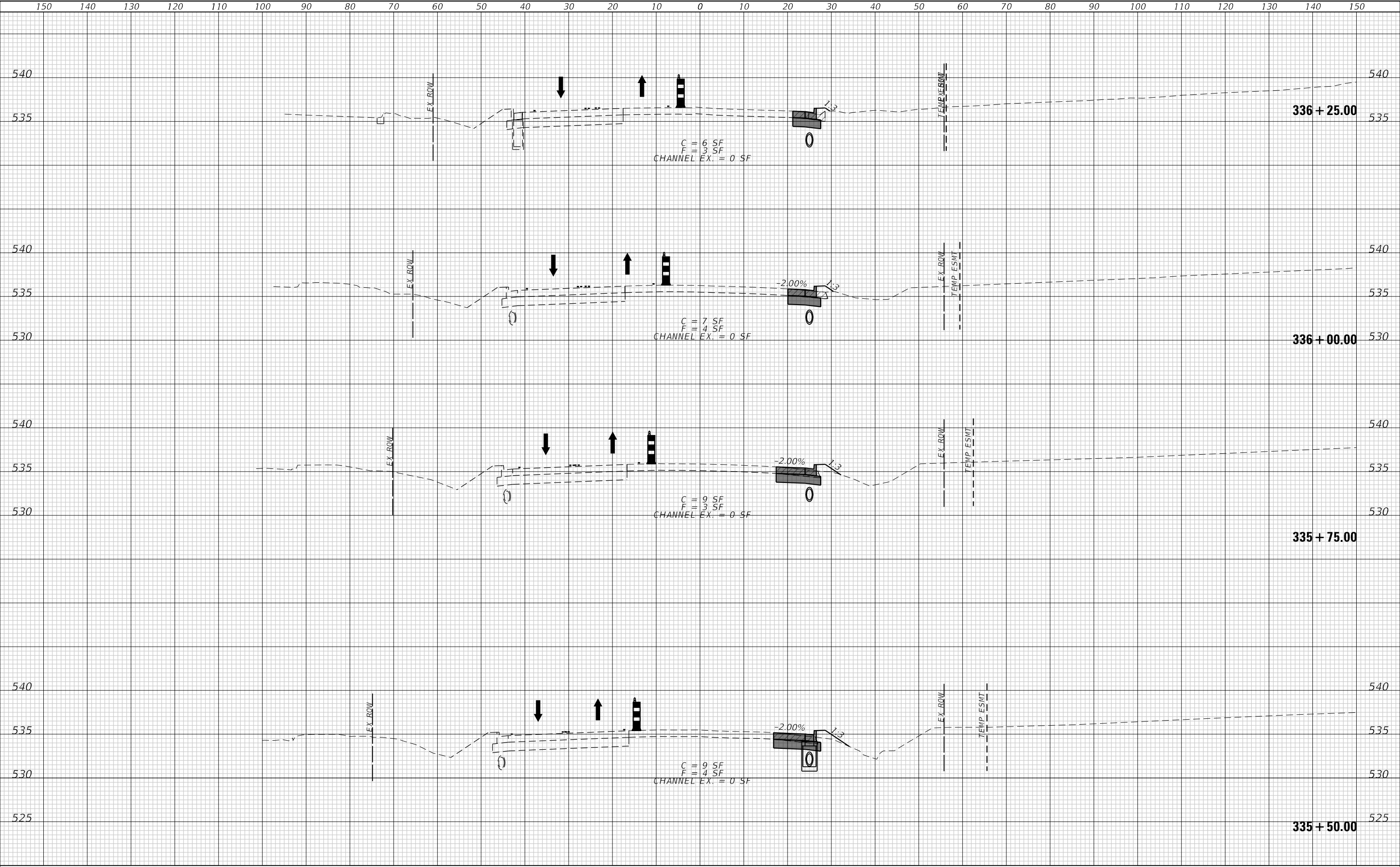
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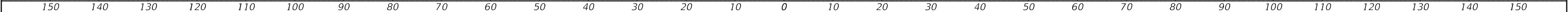
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SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

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

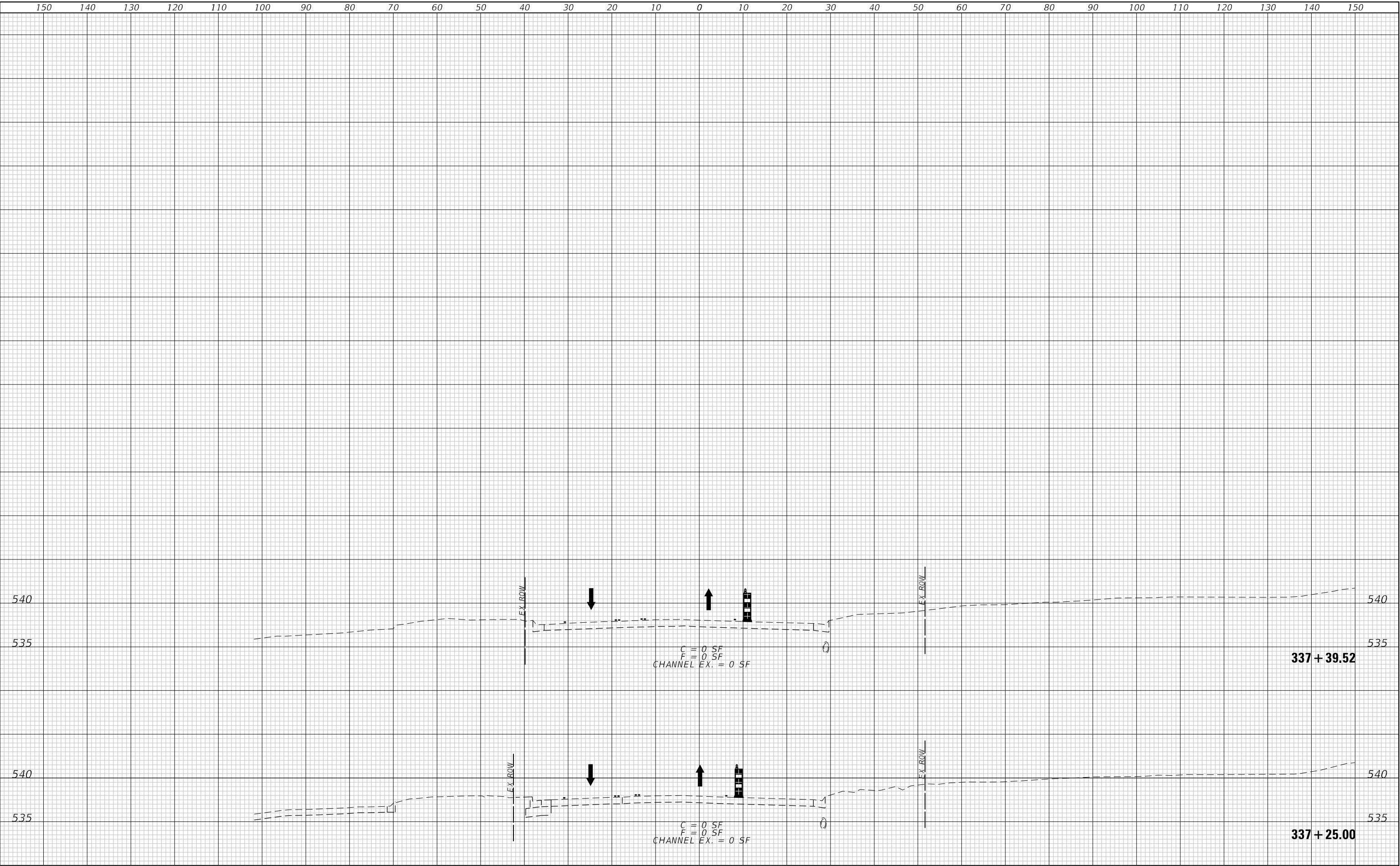


 TWM, INC. www.TWM-INC.COM IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher	DESIGNED -	REVISED -		VILLAGE OF SHILOH	SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL STAGE 2 – CROSS SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,000' = 1"	DRAWN -	REVISED -							9170	22-00022-00-PW	ST. CLAIR	200	115
	PLOT DATE = 3/5/2026	CHECKED -	REVISED -			CONTRACT NO. 97982								
		DATE -	REVISED -			SCALE: 1"=10'	SHEET 24 OF 25 SHEETS	STA. 336+43.47 TO STA. 337+00.00	ILLINOIS	FED. AID PROJECT				

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

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

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

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

SHILOH

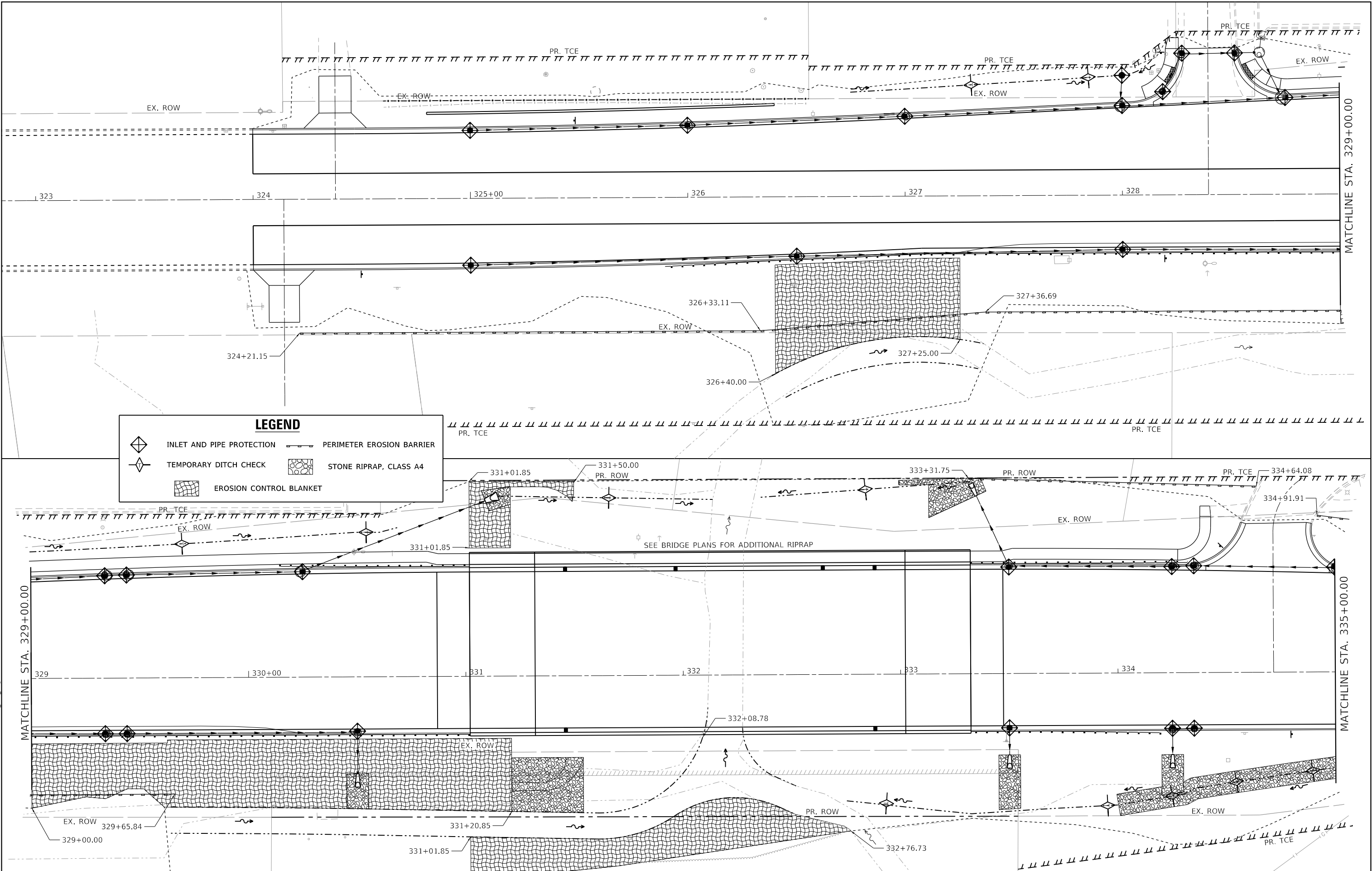
VILLAGE OF SHILOH

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

STAGE 2 – CROSS SECTIONS

SCALE: 1"=10' SHEET 25 OF 25 SHEETS STA. 337+25.00 TO STA. 337+39.52

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	116
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



LEGEND

	INLET AND PIPE PROTECTION		PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK		STONE RIPRAP, CLASS A4
	EROSION CONTROL BLANKET		

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TWM
ENGINEERING
GEOSPATIAL SERVICES

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

USER NAME	= effisher
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 40,0000 ' / in.
PLOT DATE	= 6/9/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

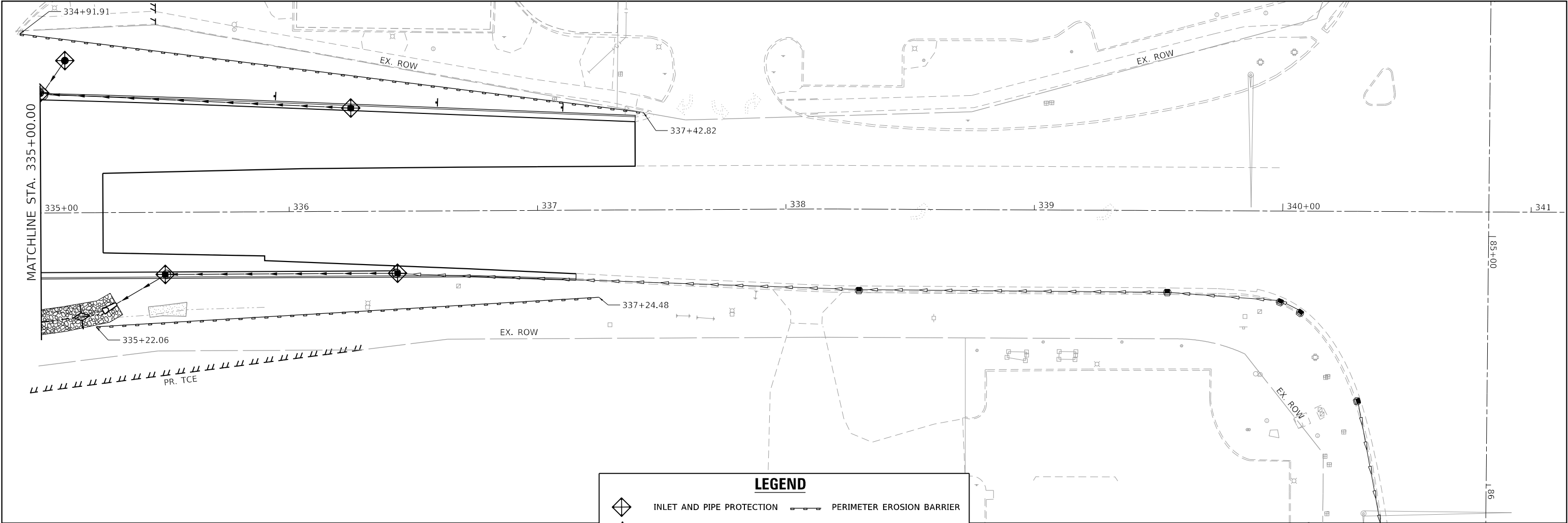


VILLAGE OF SHILOH

EROSION CONTROL SHEET

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 324+00.00 TO STA. 335+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	117
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



INLET AND PIPE PROTECTION

TEMPORARY DITCH CHECK

EROSION CONTROL BLANKET

PERIMETER EROSION BARRIER

STONE RIPRAP, CLASS A4

MODEL Default
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TWM, INC.
www.twm-inc.com

IL DESIGN FIRM
LICENSE NO: 184-001220

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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

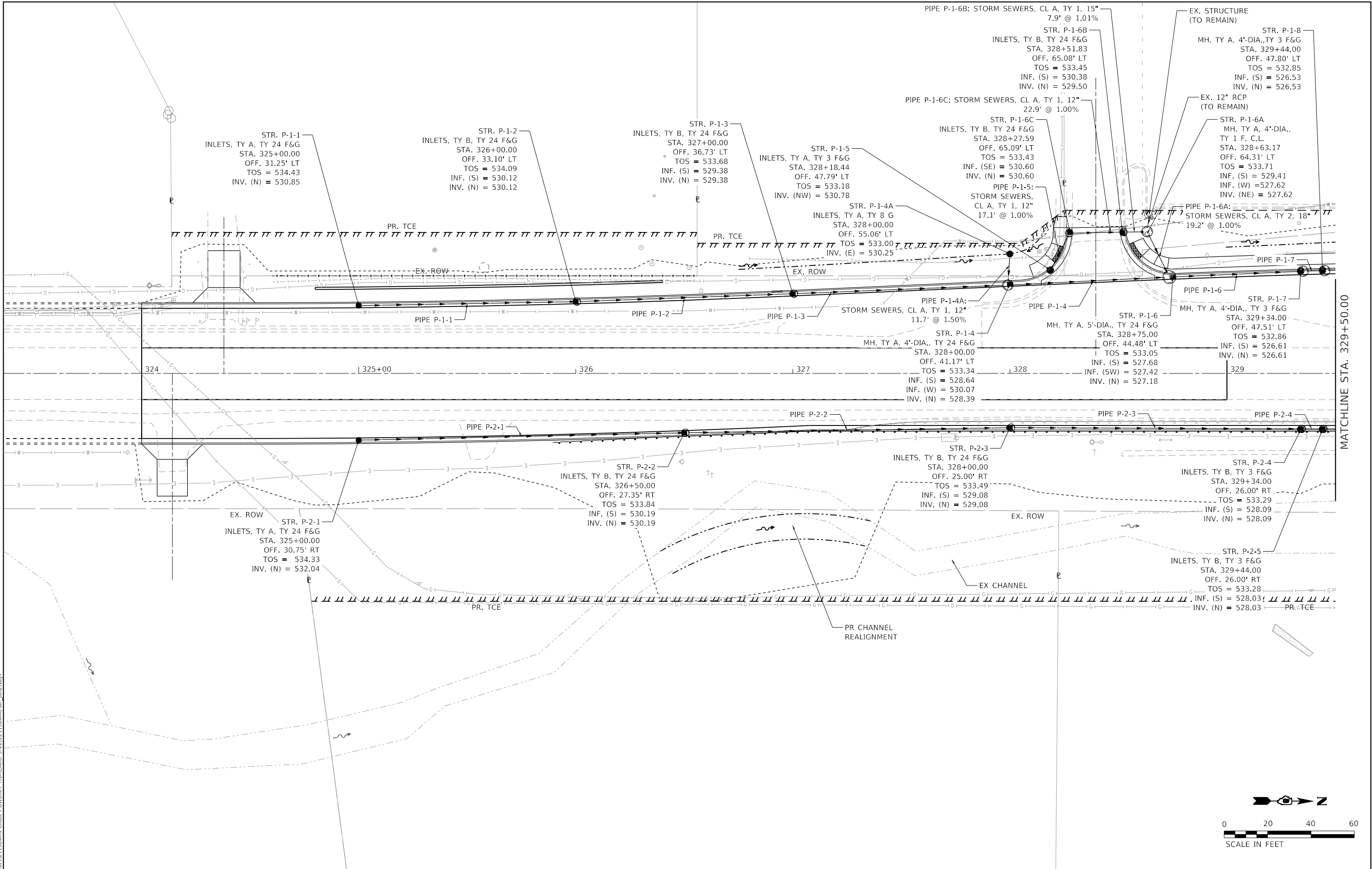


VILLAGE OF SHILOH

EROSION CONTROL SHEET

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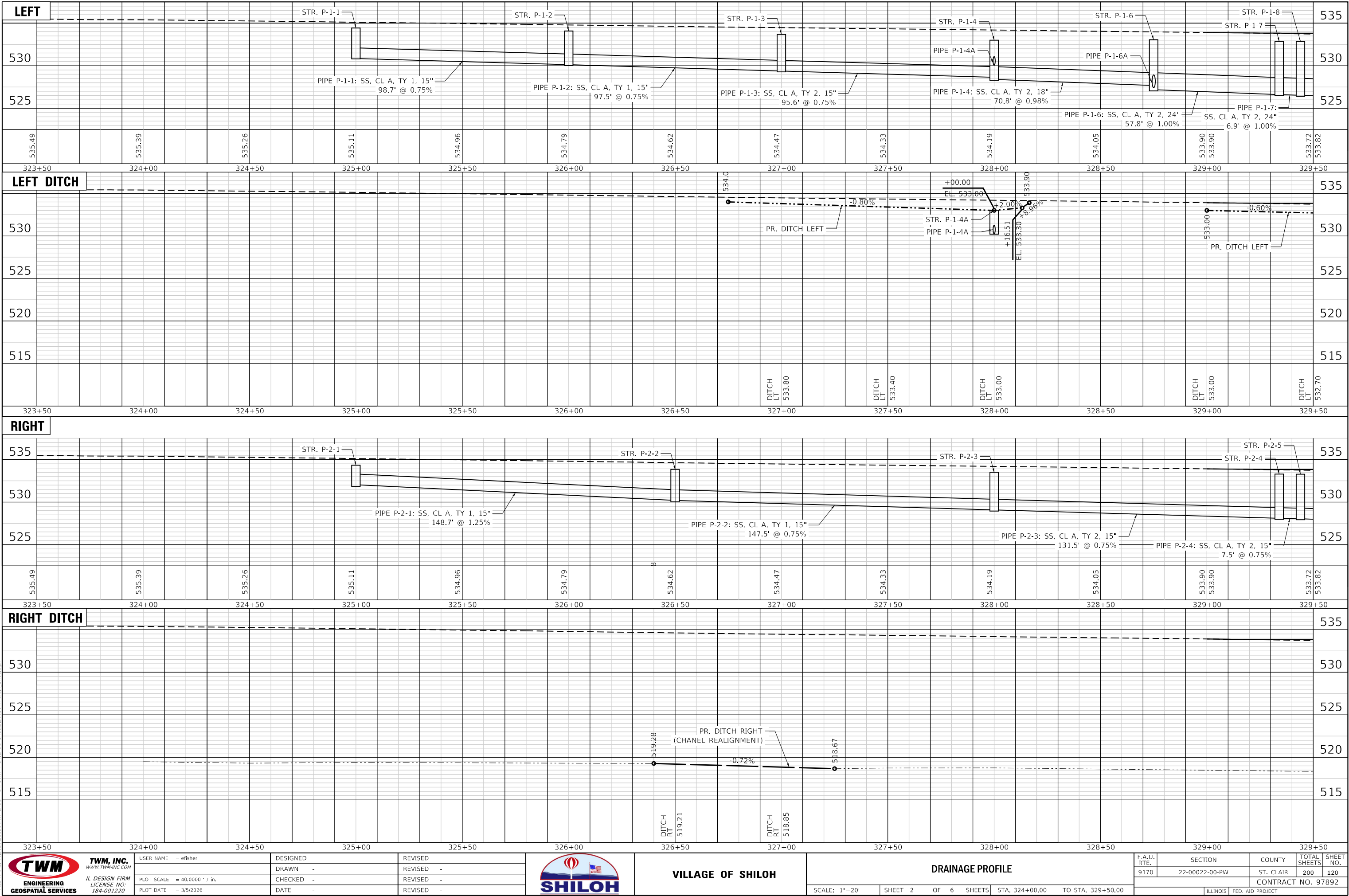
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CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

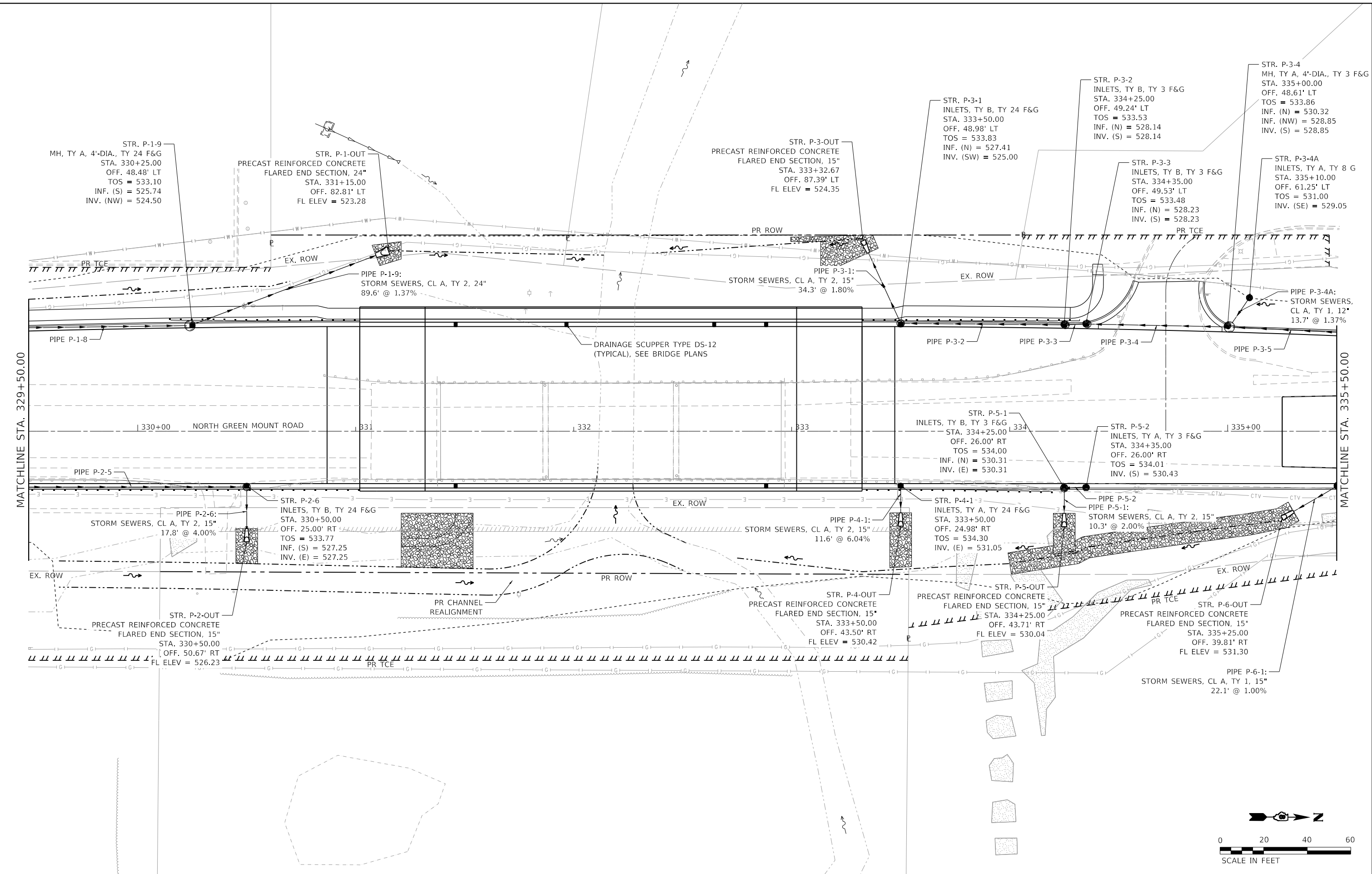


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	PLOTTED _____				
NOTE BOOK NO. _____	ALIGNMENT CHECKED _____				
	RT. OF WAY CHECKED _____				
	CADD FILE NAME _____				

PROFILE	BY			DATE
	SURVEYED _____			
NOTE BOOK NO. _____	PLOTTED _____			
	GRADES CHECKED _____			
	B.M. NOTED _____			
	STRUCTURE NOTATIONS CHNGD _____			

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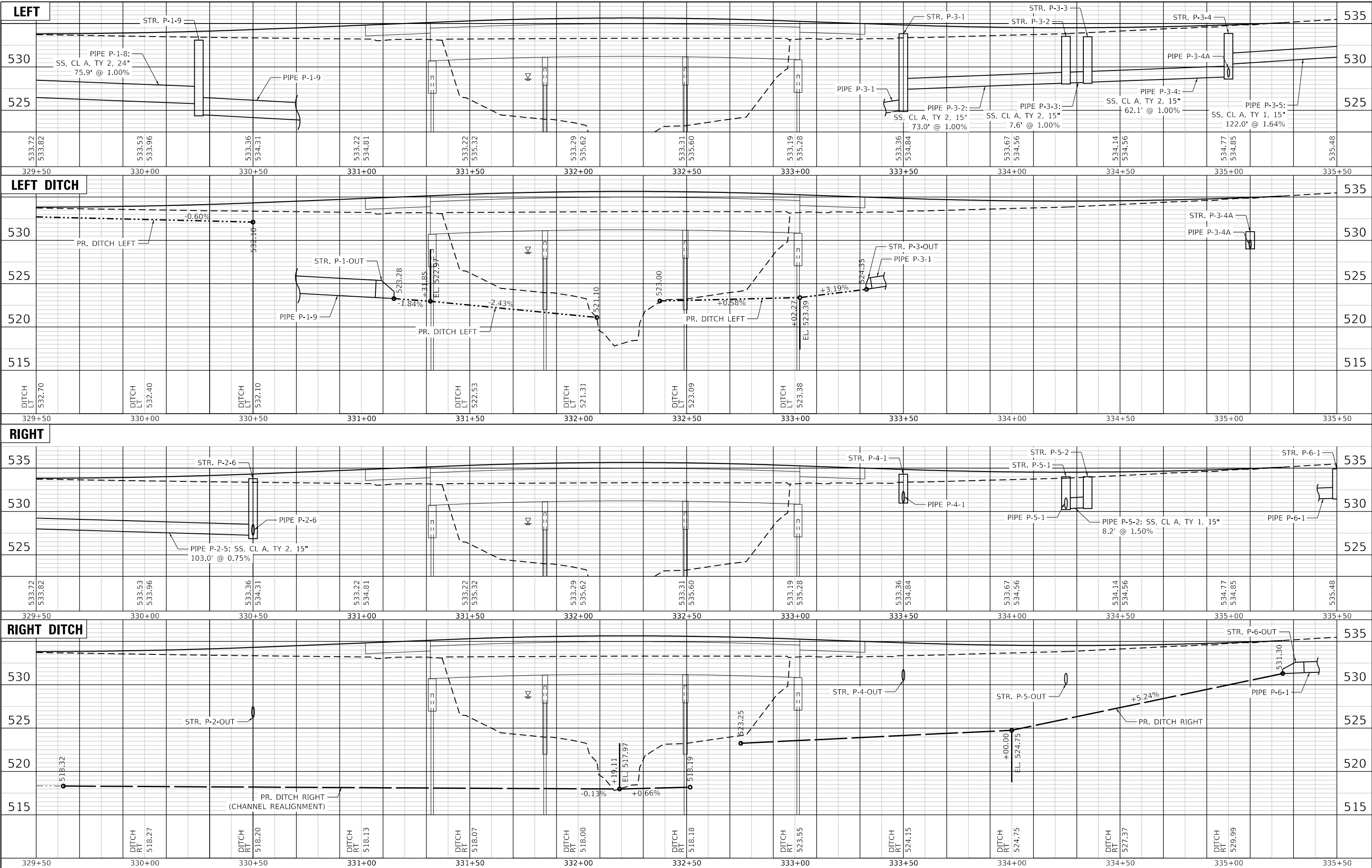


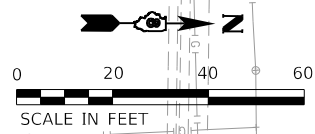
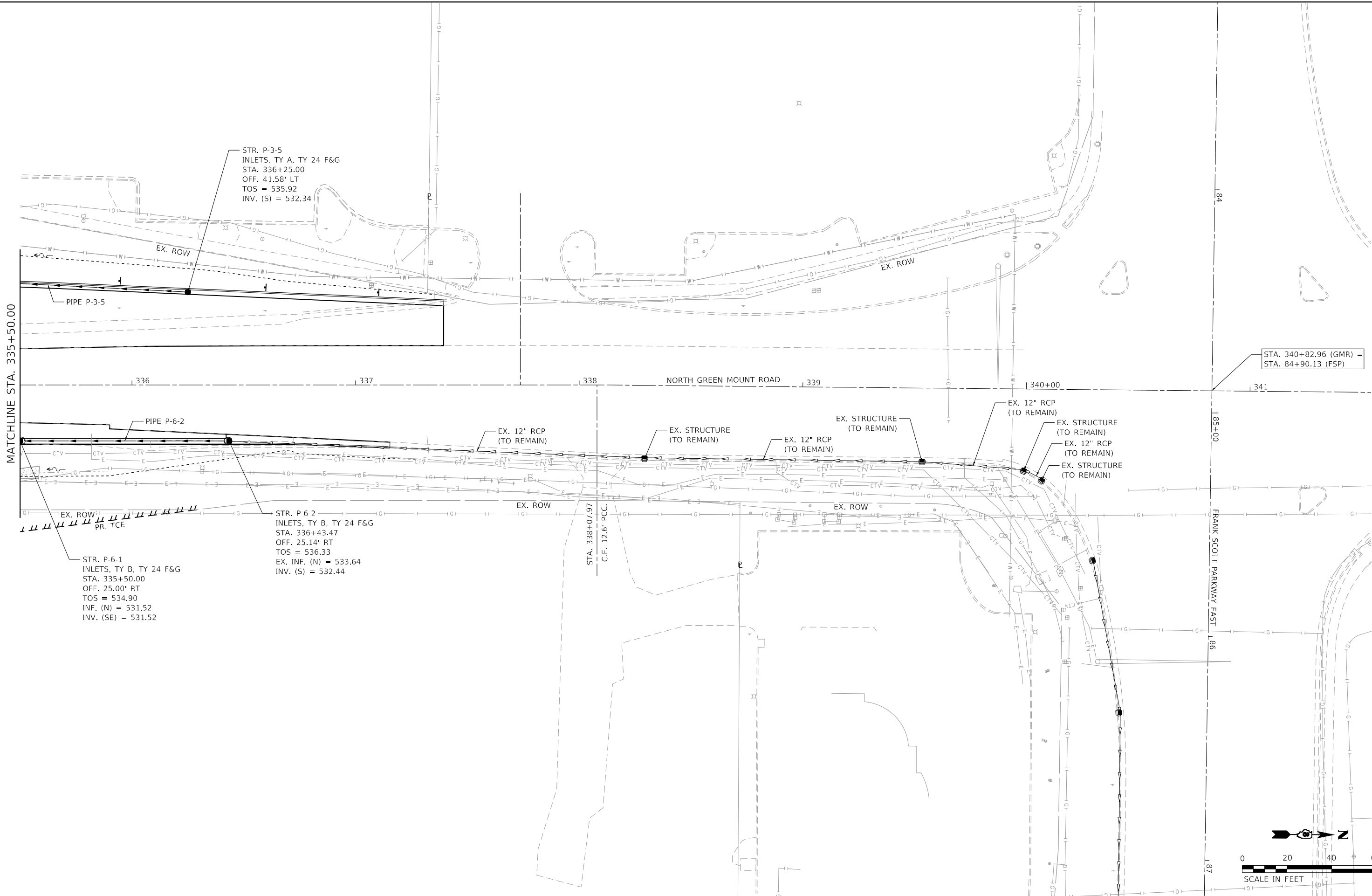
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MODEL Default
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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

DRAINAGE PLAN

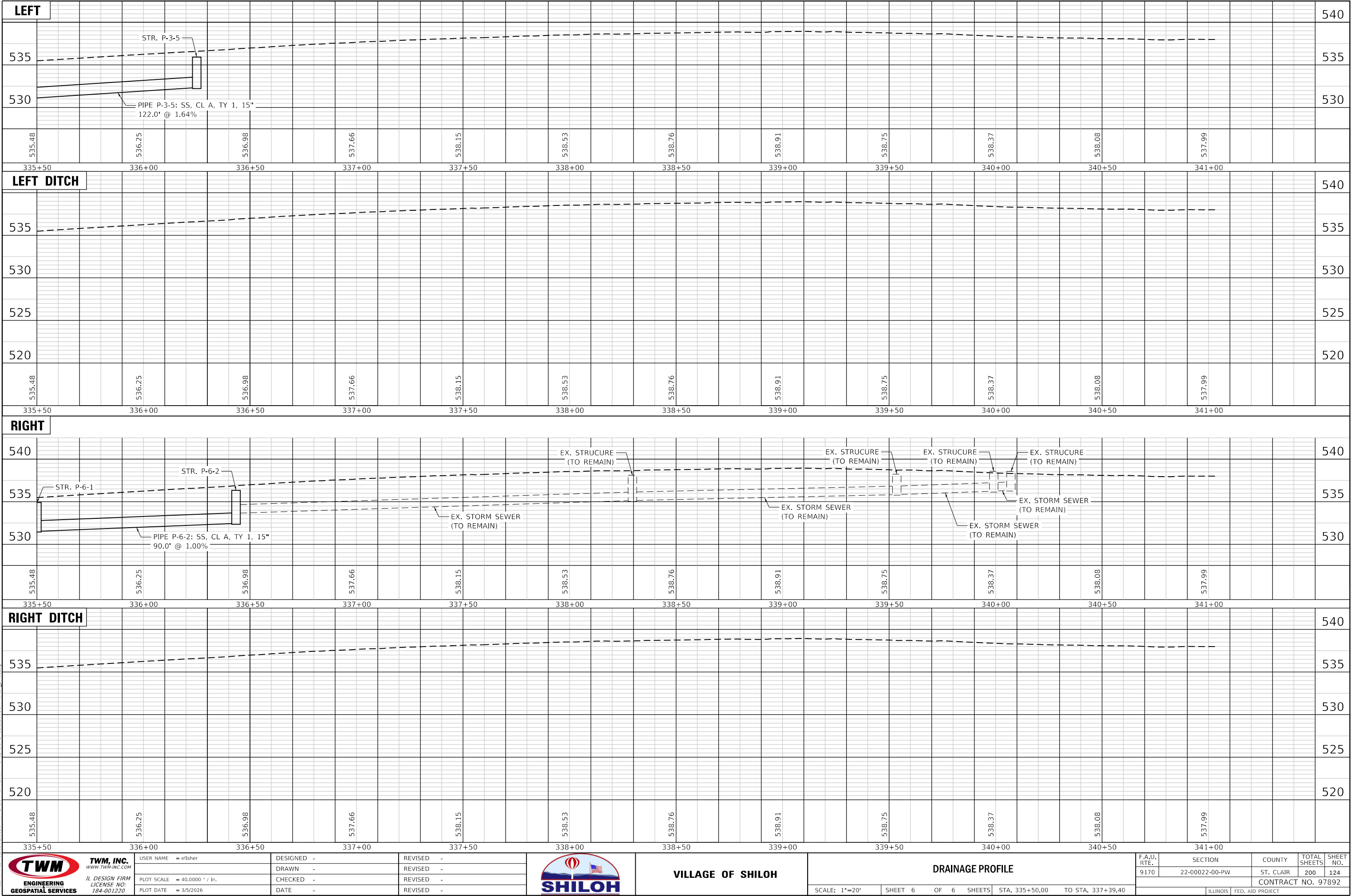
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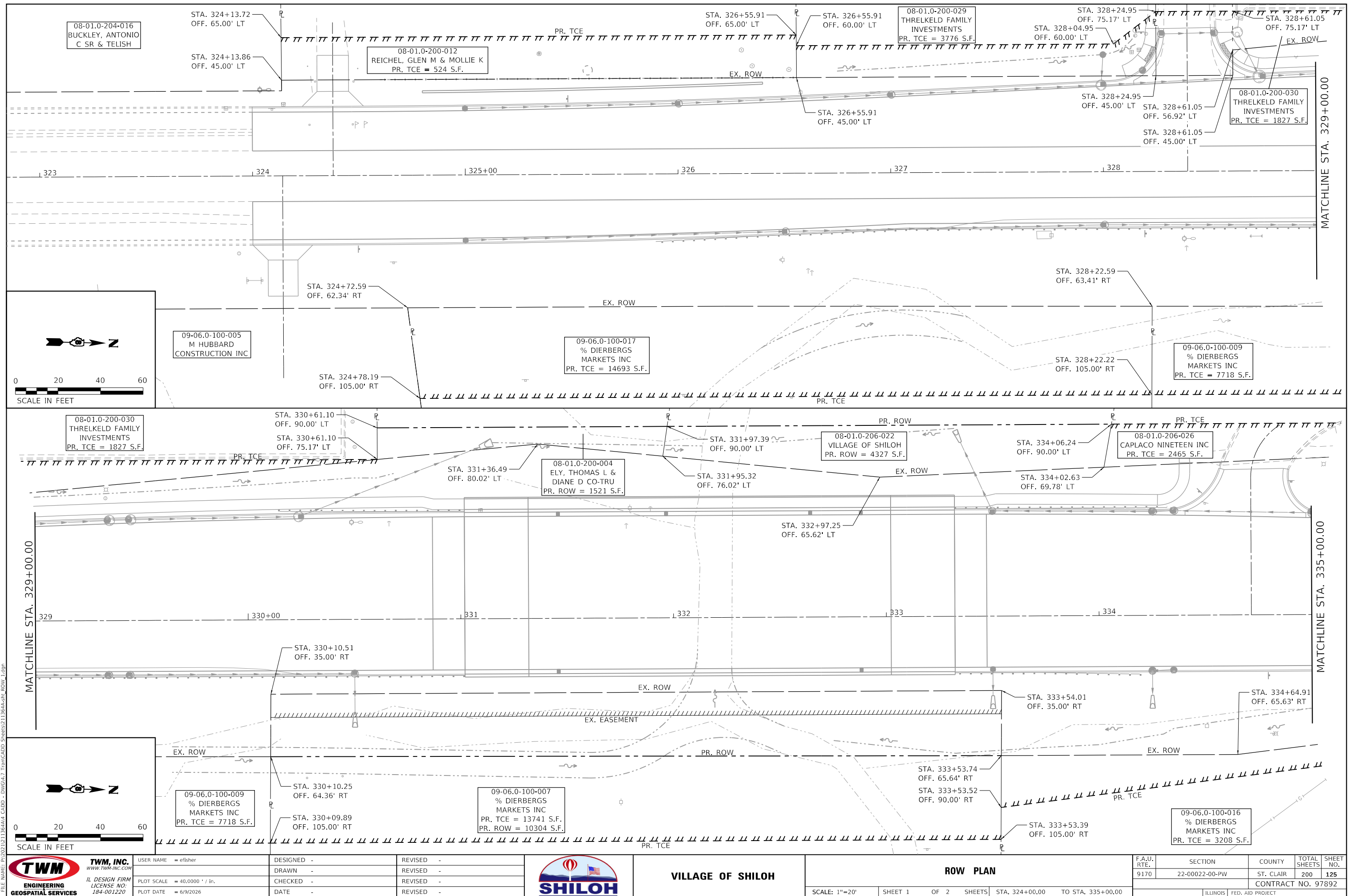
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CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

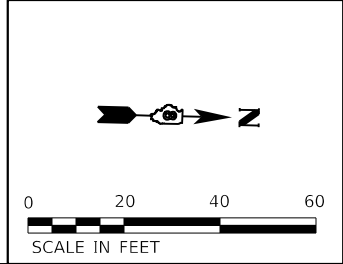
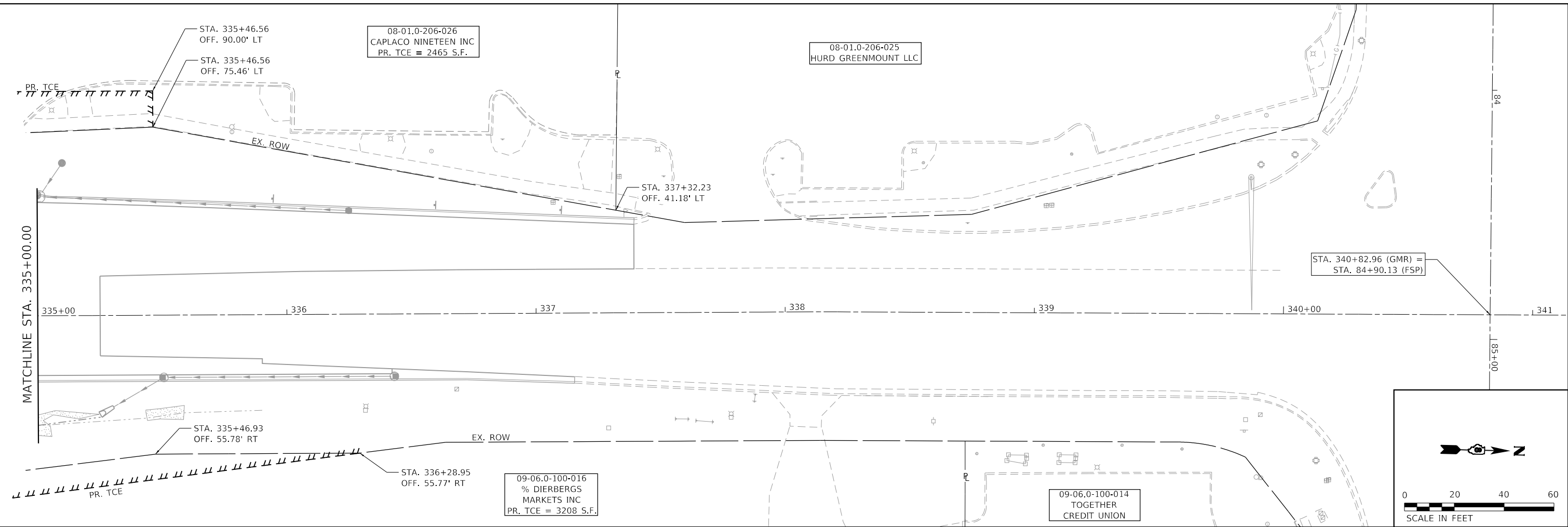
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PROFILE	NOTE BOOK NO.	SURVEYED PLOTTED GRADES CHECKED STRUCTURE NOTATIONS CHNG	BY	DATE

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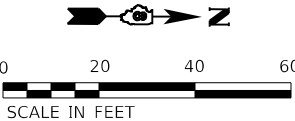
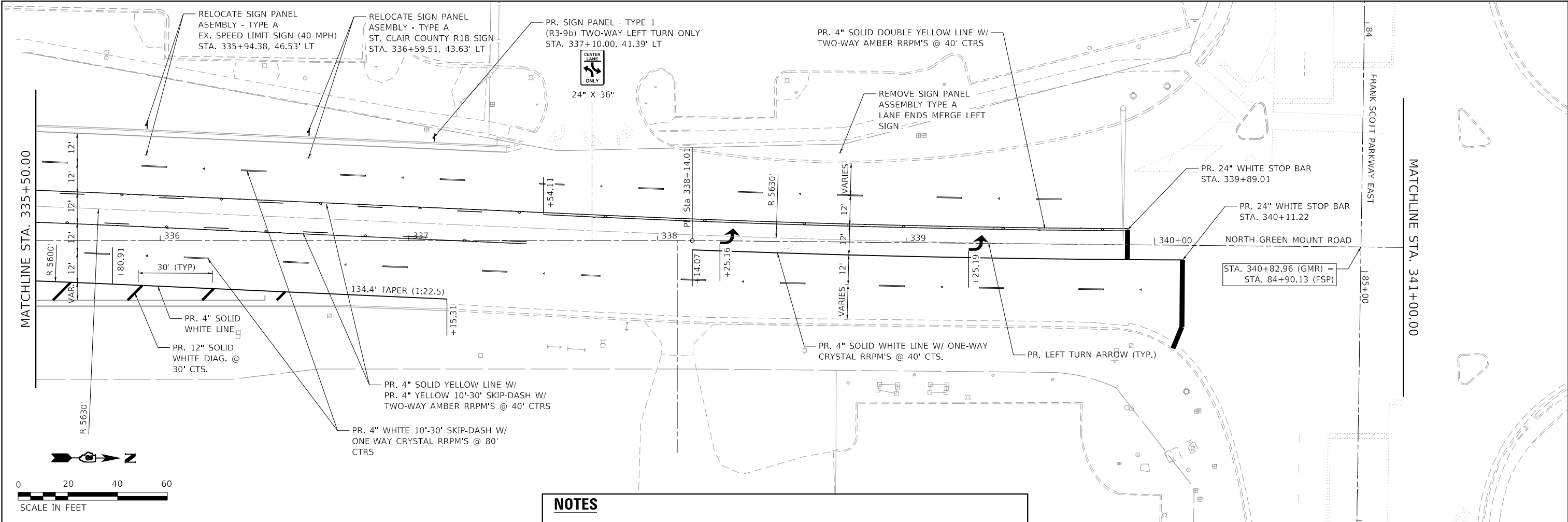


TWM, INC.
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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -

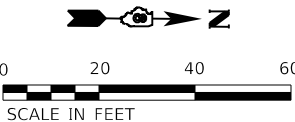
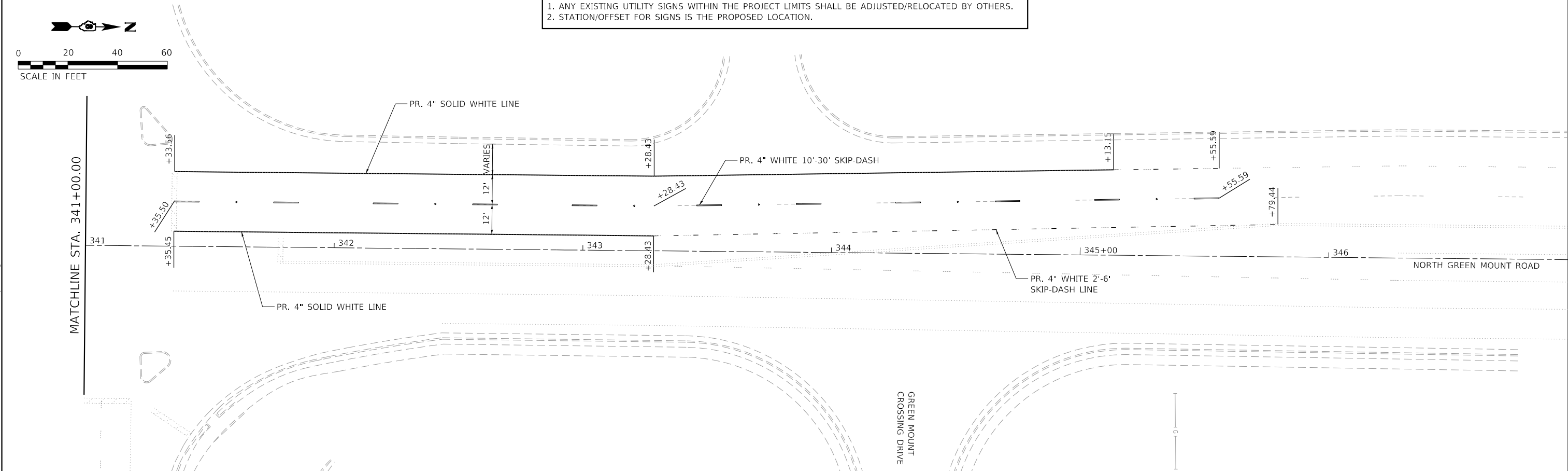


VILLAGE OF SHILOH				ROW PLAN				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								9170	22-00022-00-PW	ST. CLAIR	200	126
								CONTRACT NO. 97892				
								ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'				SHEET 2 OF 2 SHEETS				STA. 335+00.00 TO STA. 340+82.96				



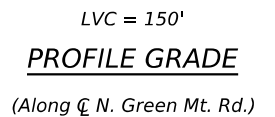
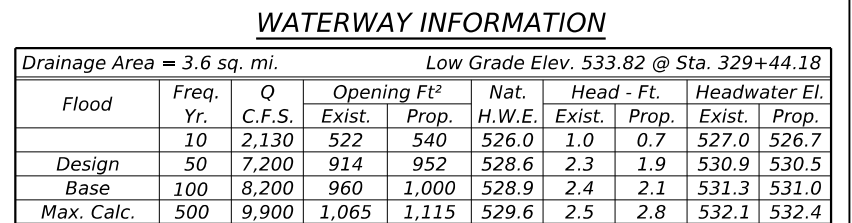
NOTES

1. ANY EXISTING UTILITY SIGNS WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED/RELOCATED BY OTHERS.
2. STATION/OFFSET FOR SIGNS IS THE PROPOSED LOCATION.



Existing Structure: S.N. 082-4121 was originally constructed in 1987 under FAU 9170, Section 78-17110-00BR. In 2002, the original structure was widened under section 95-00333-02-PV from a roadway width of 28'-0" to 44'-0". The structure is a three-span precast prestressed reinforced concrete box beam superstructure on reinforced concrete abutments and piers founded on metal shell piles. The structure has no skew. The back to back of abutment is 161'-6" and the out to out deck width is 44'-0". Existing Structure will be removed and replaced.

Salvage: Existing steel rail to be removed by contractor and placed to the side for pick up by the St. Clair County Highway Department. Included in the cost of Removal of Existing Structures.



FIELD UNITS

$f_c = 4,000$ psi (Superstructure)
 $f_c = 3,500$ psi (Substructure)
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)
All structural steel shall be painted.

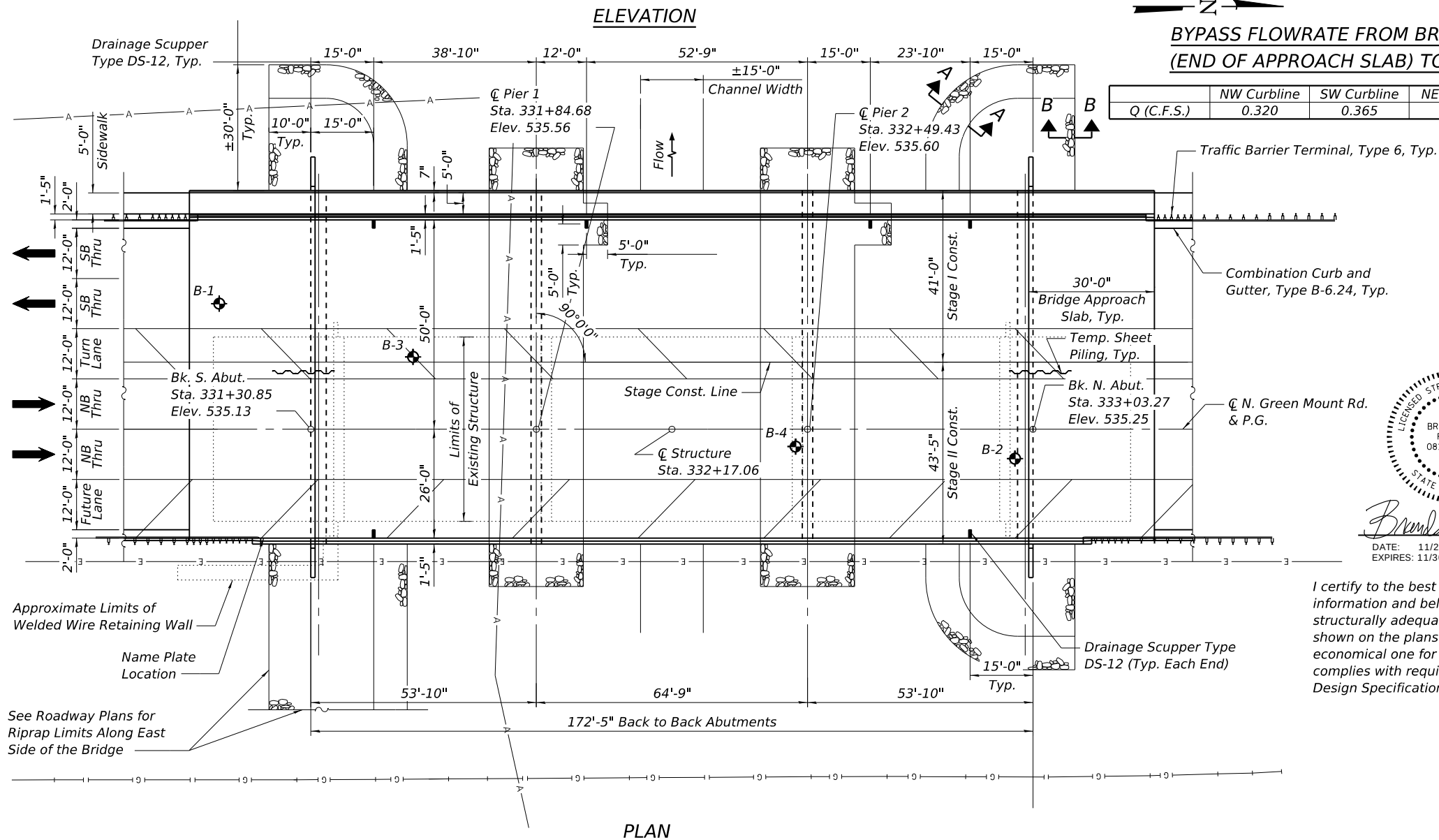
Seismic Performance Zone (SPZ) = 2
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.251g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.578g
Soil Site Class = D

Allow 50#/sq. ft. for future wearing surface.
Maximum Live Load Deflection, $\Delta(LL+IM) = L/1000$



STRUCTURE NO. 082-3116

<u>BYPASS FLOWRATE FROM BRIDGE LIMITS</u> <u>(END OF APPROACH SLAB) TO ROADWAY</u>				
Q (C.F.S.)	NW Curbline 0.320	SW Curbline 0.365	NE Curbline 0.184	SE Curbline 0.192



I certify to the best of my knowledge, information and belief, this bridge is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the AASHTO Design Specifications shown on the plans.



DATE:	11/24/2025
EXPIRES:	11/30/2026

USER NAME =	cjohnson	DESIGNED -	CAJ	REVISED -	
		CHECKED -	BWP	REVISED -	
PLOT SCALE =	0.167' / in.	DRAWN -	CAJ	REVISED -	
PLOT DATE =	11/21/2025	CHECKED -	BWP	REVISED -	



VILLAGE OF SHILOH

GENERAL PLAN & ELEVATION
STRUCTURE NO. 082-3116

SHEET NO. 1 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	130
		CONTRACT NO. 97892		
		ILLINOIS FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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GENERAL NOTES

Calculated weight of Structural Steel = 197,170 lbs. (M270 Grade 50)
= 37,100 lbs. (M270 Grade 36)

No field welding is permitted except as specified in the contract documents.

Fasteners shall be ASTM F 3125 Grade A325 Type 1, mechanically galvanized bolts

in painted areas. Bolts $\frac{7}{8}$ " ϕ , holes $\frac{15}{16}$ " ϕ , unless otherwise noted.

Reinforcement bars designated (E) shall be epoxy coated.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations

within a tolerance of $\frac{1}{8}$ " (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

The embankment configuration with 60 ft. berm shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

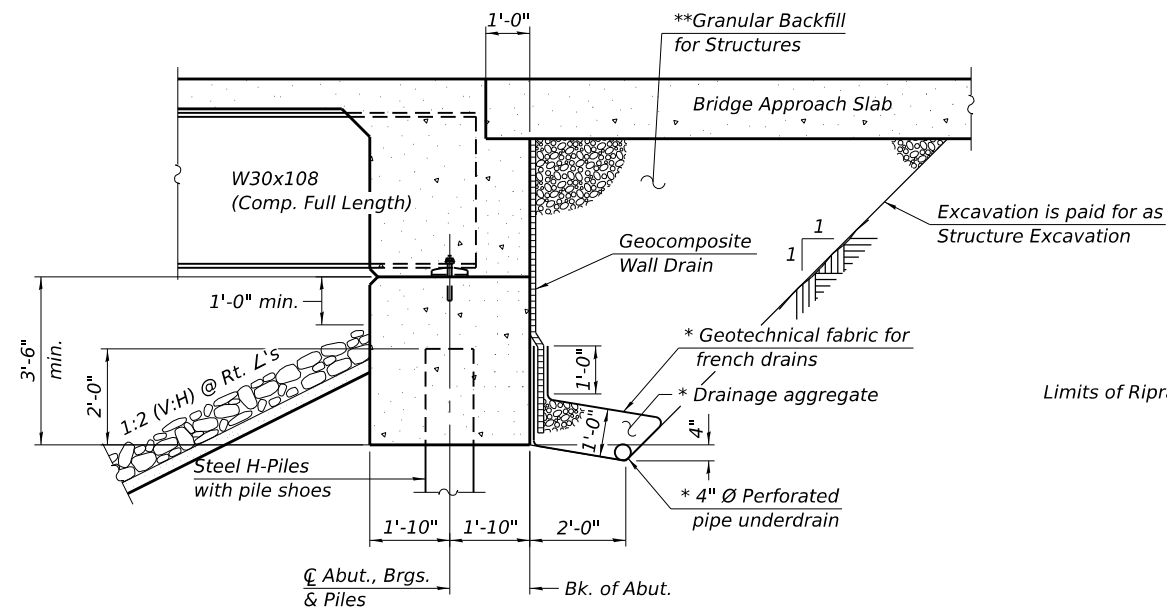
The Inorganic Zinc Rich Primer/Acrylic/Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Gray, Munsell No. 5B 7/1.

INDEX OF SHEETS

1	General Plan & Elevation
2	General Data
3	Stage Construction Details
4	Temporary Sheet Piling
5	Temporary Concrete Barrier
6-8	Top of Slab Elevations
9	Top of South Approach Slab Elevations
10	Top of North Approach Slab Elevations
11	Superstructure
12-13	Superstructure Details
14	Diaphragm Details
15-17	Bridge Approach Slab Details
18-19	Bicycle Railing and Parapet Railing
20	Drainage Scuppers, DS-12
21	Structural Steel Framing
22-23	Structural Steel Details
24	Bearing Details
25	South Abutment
26	North Abutment
27	Pier 1
28	Pier 2
29	Concrete Parapet Slipforming Option
30	HP Pile Details
31	Bar Splicer Assembly and Mechanical Splicer Details
32-39	Soil Borings

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq. Yd.	-	1,312	1,312
Filter Fabric	Sq. Yd.	-	1,312	1,312
Removal of Existing Structures	L. Sum	1	-	1
Structure Excavation	Cu. Yd.	-	328	328
Concrete Structures	Cu. Yd.	-	238.4	238.4
Concrete Superstructure	Cu. Yd.	483.1	-	483.1
Bridge Deck Grooving	Sq. Yd.	1,895	-	1,895
Concrete Encasement	Cu. Yd.	-	33.0	33.0
Protective Coat	Sq. Yd.	2,371	-	2,371
Concrete Superstructure (Approach Slab)	Cu. Yd.	233.4	-	233.4
Furnishing and Erecting Structural Steel	L. Sum	1	-	1
Stud Shear Connectors	Each	9,090	-	9,090
Reinforcement Bars, Epoxy Coated	Pound	210,480	34,410	244,890
Bar Splicers	Each	857	144	1,001
Bicycle Railing	Foot	229	-	229
Parapet Railing	Foot	225	-	225
Furnishing Steel Piles HP 14x89	Foot	-	4,748	4,748
Driving Piles	Foot	-	4,748	4,748
Test Pile Steel HP 14x89	Each	-	2	2
Pile Shoes	Each	-	48	48
Name Plates	Each	1	-	1
Anchor Bolts, ¾"	Each	40	-	40
Anchor Bolts, 1"	Each	40	-	40
Temporary Sheet Piling	Sq. Ft.	-	591	591
Granular Backfill for Structures	Cu. Yd.	-	226	226
Geocomposite Wall Drain	Sq. Yd.	-	126	126
Pipe Underdrains for Structures 4"	Foot	-	214	214
Bar Terminators	Each	172	816	988
Drainage Scuppers, DS-12	Each	6	-	6



SECTION THRU INTEGRAL ABUTMENT

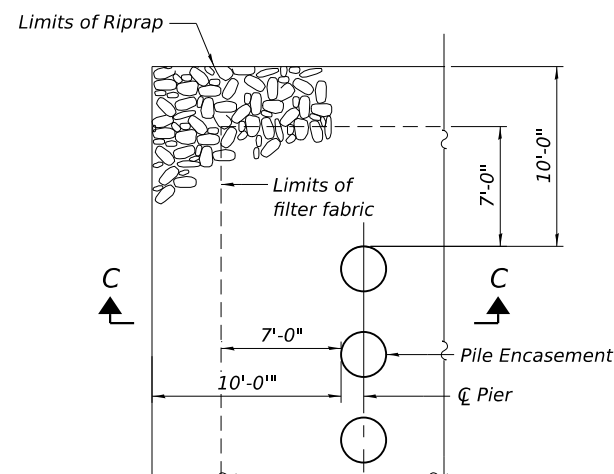
(Horiz. dim. at Rt. $\angle$'s)

* Included in the cost of Pipe Underdrains for Structures.
(See Special Provisions)

**** Granular Backfill for Structures shall follow Standard Specification 586 except the coarse aggregate shall be grade CA 7, CA 11, or CA 14.**

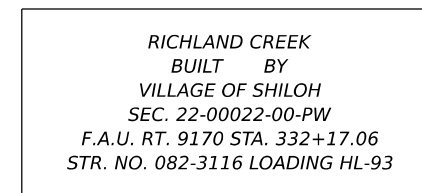
Note:

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



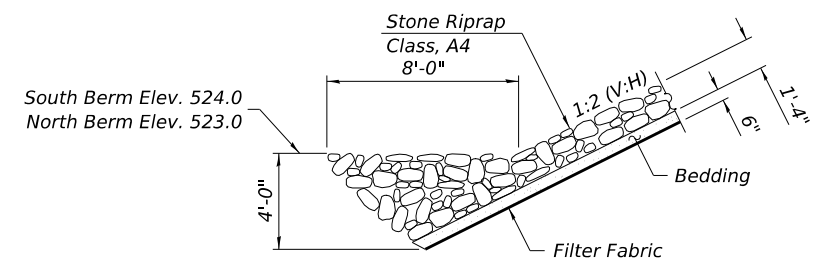
RIPRAP PROTECTION AT PIERS

(Symmetrical about ζ Pier)

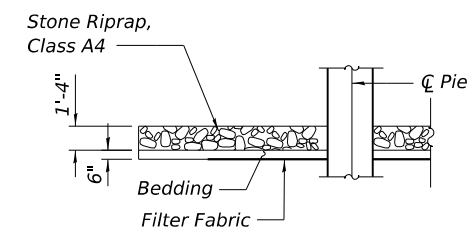


NAME PLATE

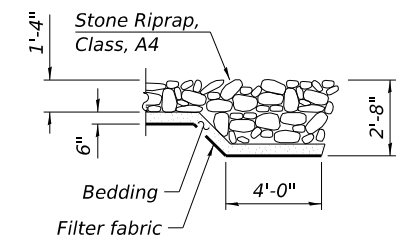
See Std. 515001



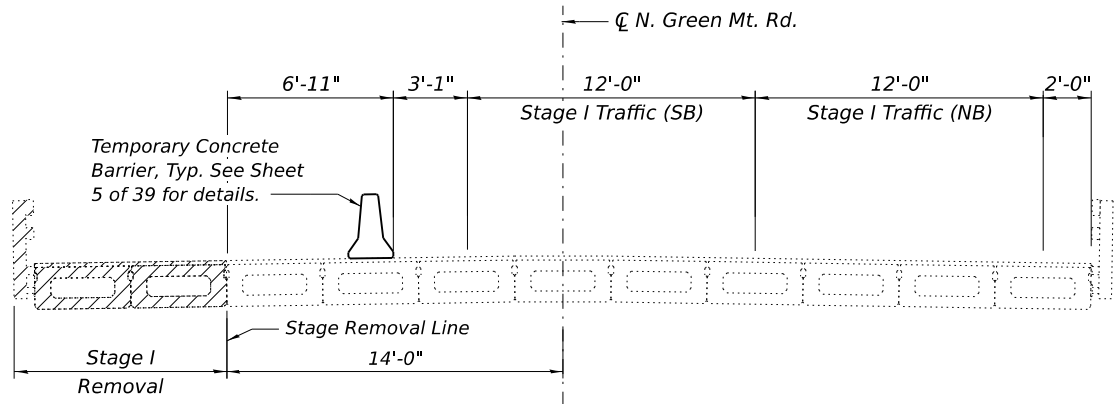
SECTION A-A



SECTION C-C

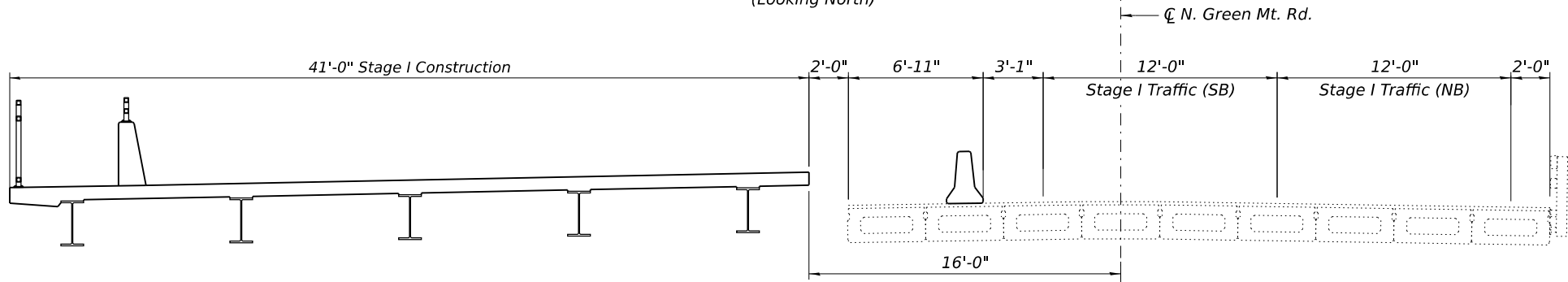


SECTION B-B



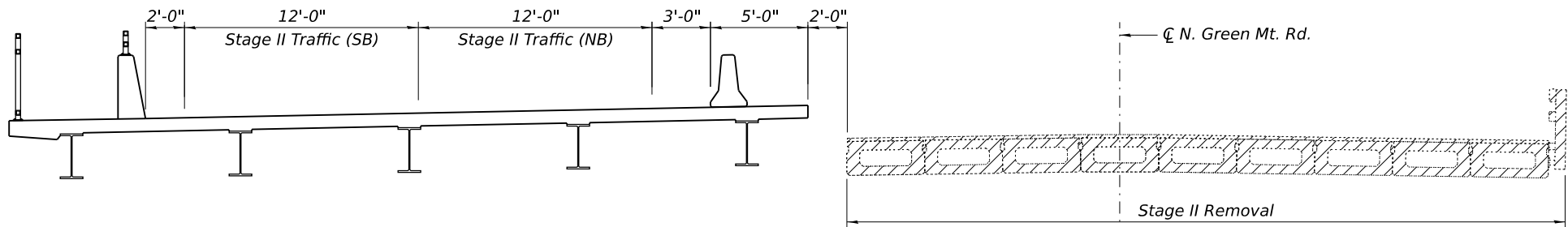
STAGE I REMOVAL

(Looking North)



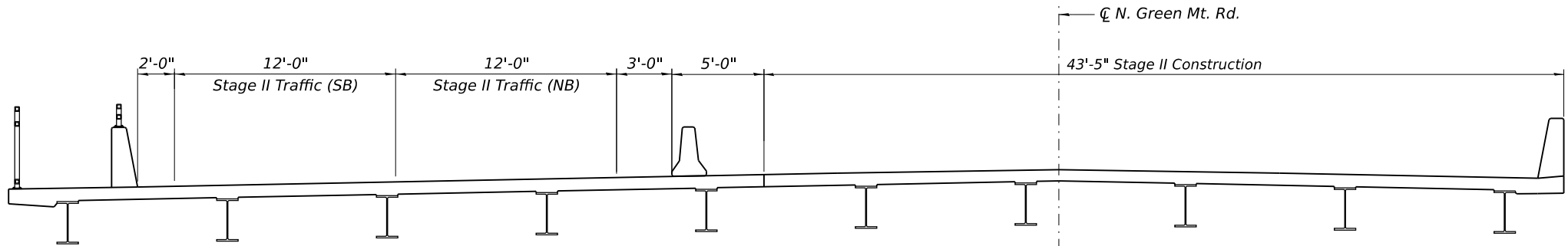
STAGE I CONSTRUCTION

(Looking North)



STAGE II REMOVAL

(Looking North)



STAGE II CONSTRUCTION

(Looking North)

Notes:
Hatched area indicates Removal of Existing Structures.
For quantities of Temporary Concrete Barrier, see Roadway Plans.
See sheet 5 of 39 for details.

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PLOT DATE =	9/9/2025	CHECKED -	JBE	REVISED -	

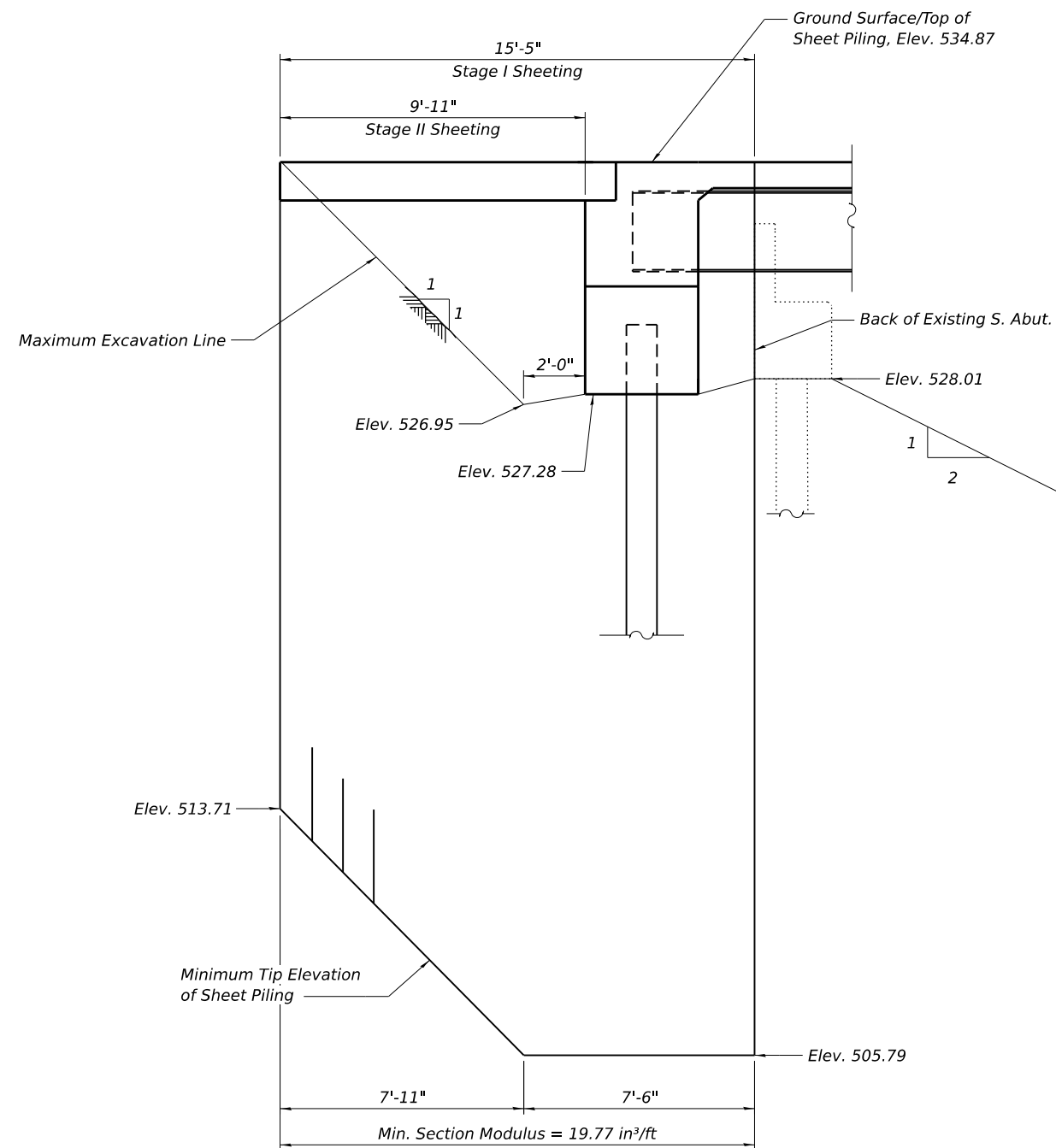


VILLAGE OF SHILOH

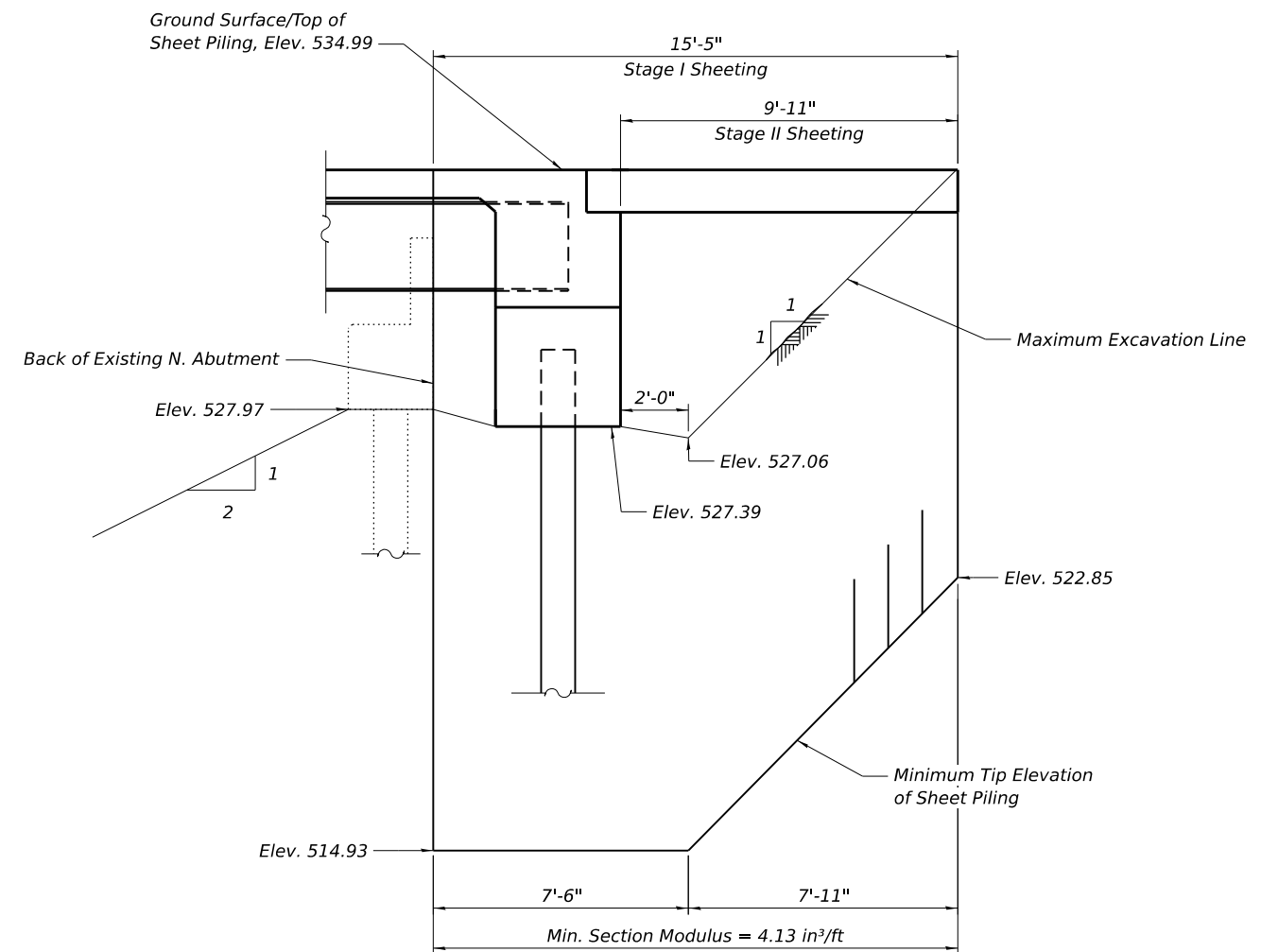
STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 082-3116

SHEET NO. 3 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	132
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



SOUTH ABUTMENT
TEMPORARY SHEET PILING
 (Looking West)



NORTH ABUTMENT
TEMPORARY SHEET PILING
 (Looking West)

Note:
 If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

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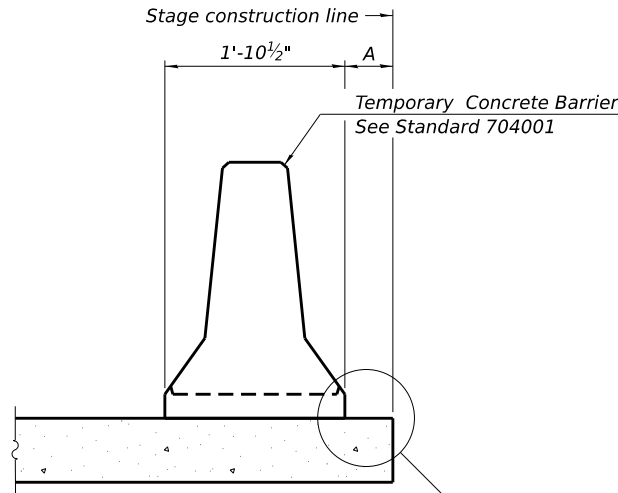


VILLAGE OF SHILOH

TEMPORARY SHEET PILING
STRUCTURE NO. 082-3116

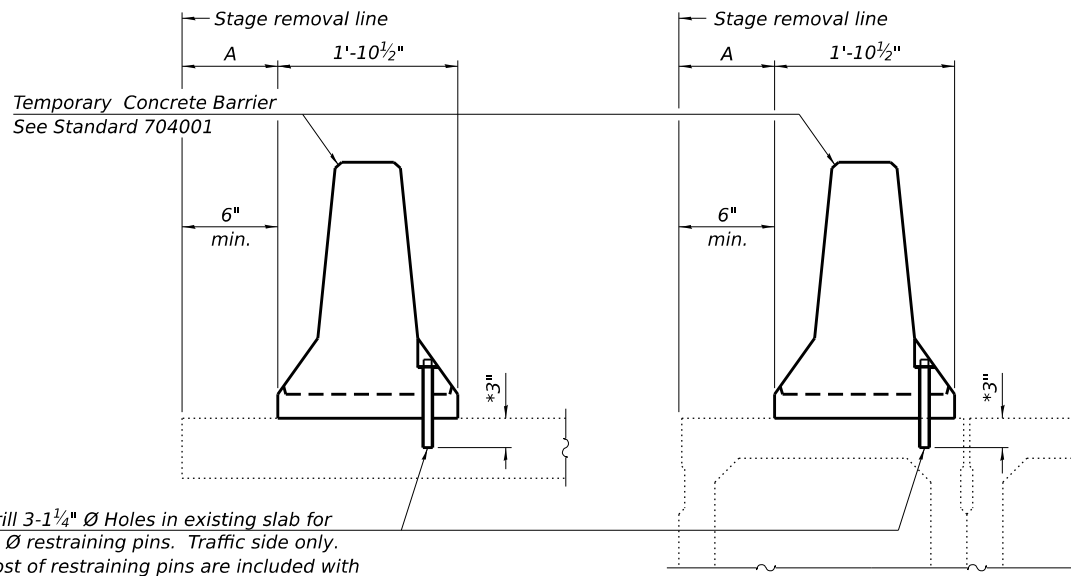
SHEET NO. 4 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	133
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

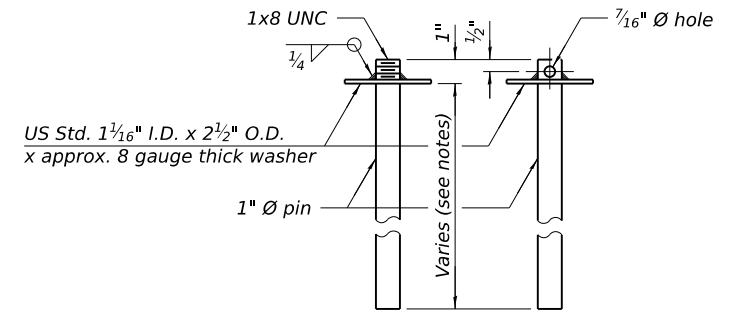


Drill 3-1 1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

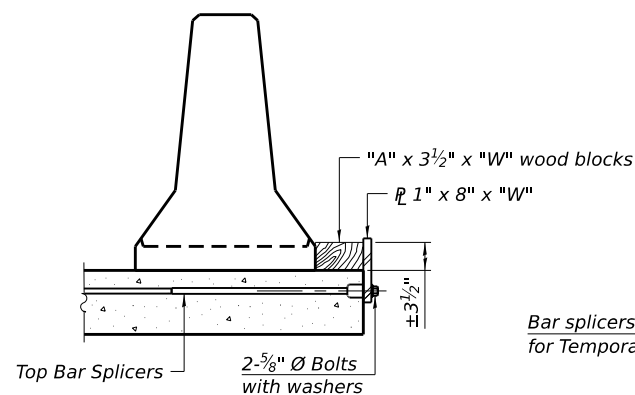
EXISTING SLAB

* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

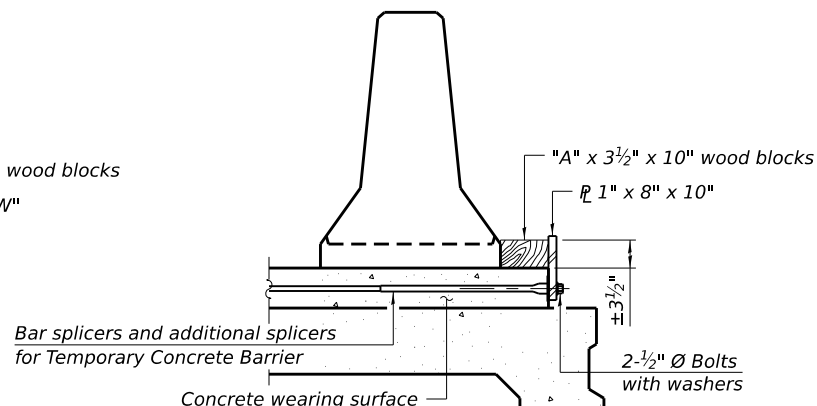
EXISTING DECK BEAM



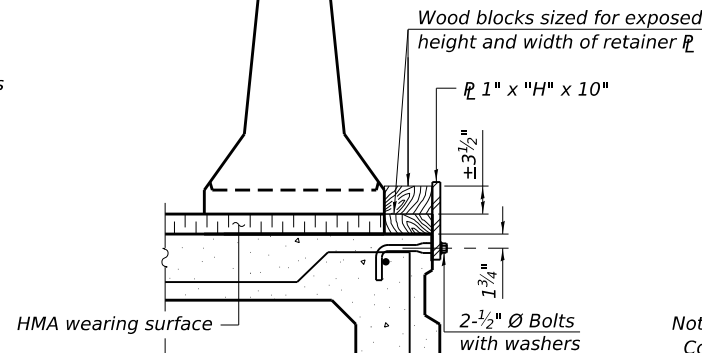
RESTRAINING PIN



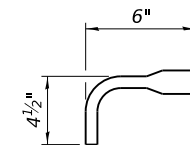
DETAIL I



DETAIL II



DETAIL III



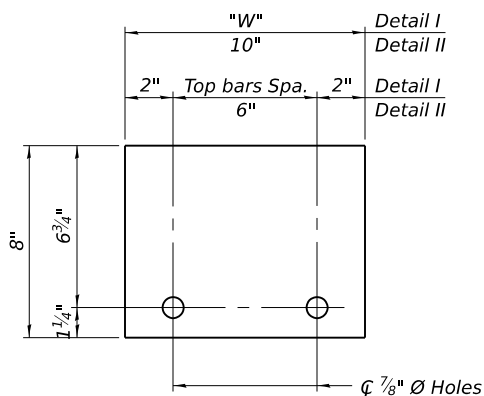
BAR SPLICER FOR #4 BAR - DETAIL III

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate CL of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

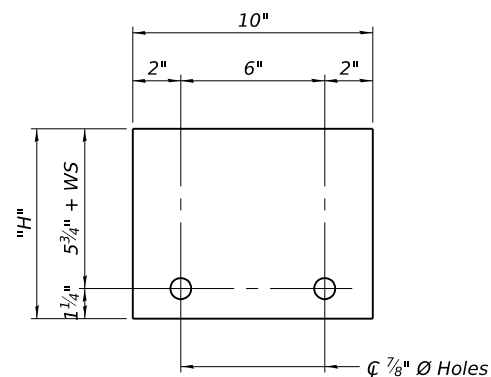
Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.



STEEL RETAINER $\text{PL} 1" \times 8" \times "W"$
(Detail I and II)



STEEL RETAINER $\text{PL} 1" \times "H" \times 10"$
(Detail III)

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023

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PLOT DATE	=	10/14/2025

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CHECKED	-	JBE
DRAWN	-	HNC
CHECKED	-	JBE

REVISED	-
REVISED	-
REVISED	-
REVISED	-

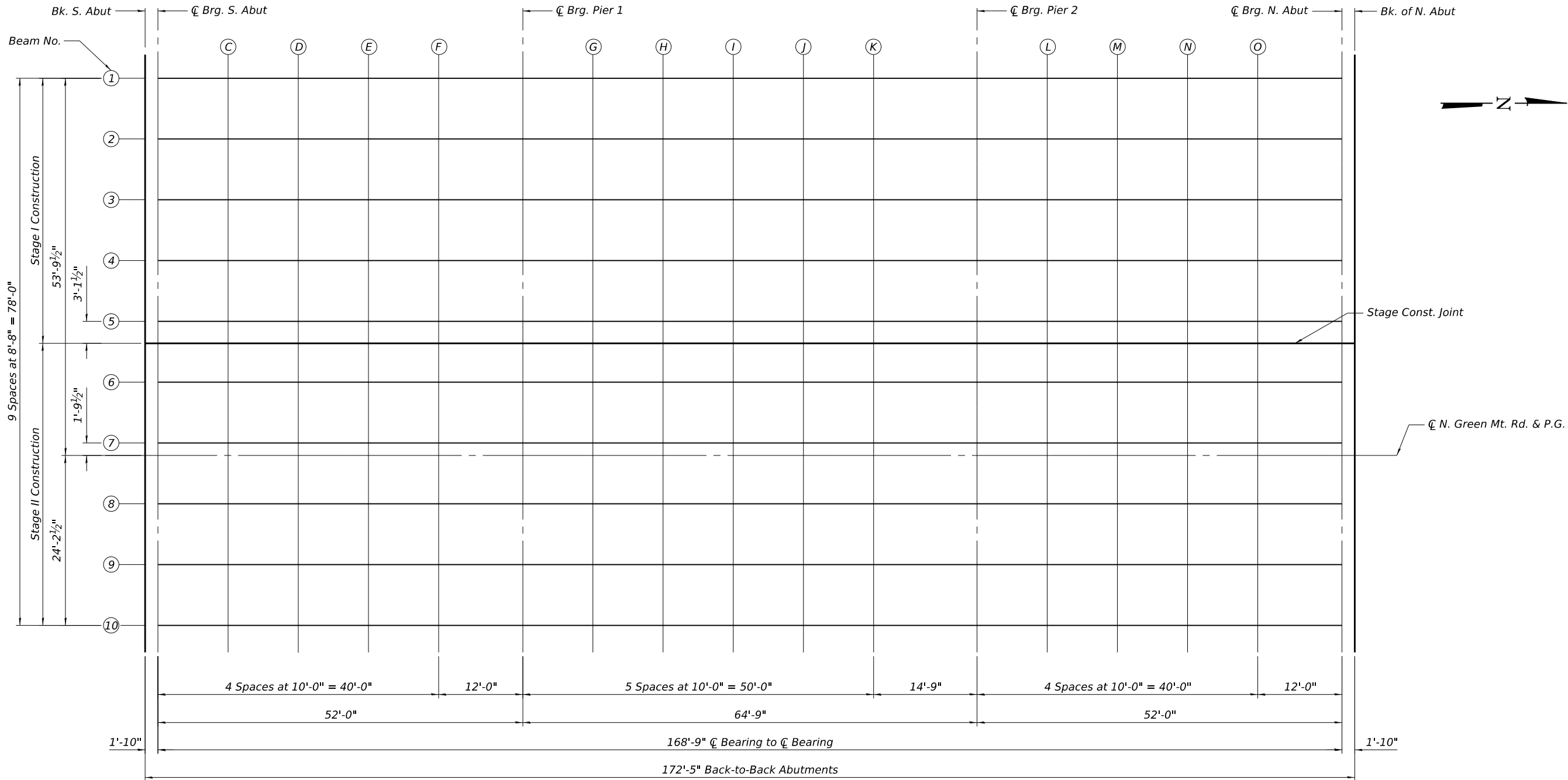


VILLAGE OF SHILOH

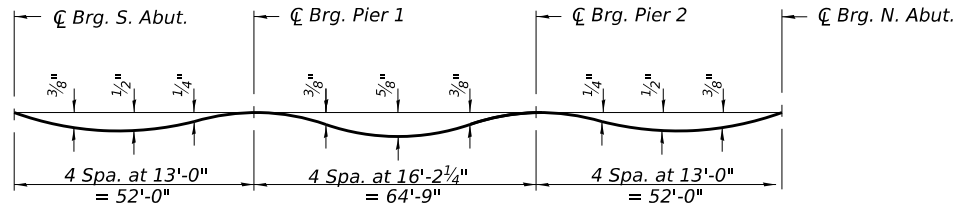
TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 082-3116

SHEET NO. 5 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	134
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

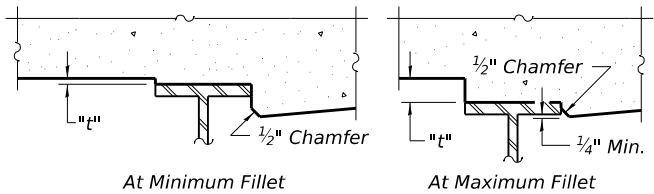


PLAN



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 7 & 8 of 39.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheets 7 & 8 of 39. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 7 & 8 of 39, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

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DESIGNED	-	LAB
CHECKED	-	JBE
DRAWN	-	LAB
CHECKED	-	JBE

REVISED	-
REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 082-3116

SHEET NO. 6 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	135
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	-53.79	534.13	534.13
☉ Brg. S. Abut.	331+32.68	-53.79	534.15	534.15
C	331+42.68	-53.79	534.25	534.28
D	331+52.68	-53.79	534.35	534.39
E	331+62.68	-53.79	534.43	534.46
F	331+72.68	-53.79	534.50	534.51
☉ Brg. Pier 1	331+84.68	-53.79	534.56	534.56
G	331+94.68	-53.79	534.60	534.62
H	332+04.68	-53.79	534.63	534.67
I	332+14.68	-53.79	534.65	534.70
J	332+24.68	-53.79	534.65	534.70
K	332+34.68	-53.79	534.64	534.67
☉ Brg. Pier 2	332+49.43	-53.79	534.61	534.61
L	332+59.43	-53.79	534.57	534.58
M	332+69.43	-53.79	534.52	534.55
N	332+79.43	-53.79	534.45	534.49
O	332+89.43	-53.79	534.37	534.40
☉ Brg. N. Abut.	333+01.43	-53.79	534.27	534.27
Bk. N. Abut.	333+03.27	-53.79	534.25	534.25

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	-45.13	534.29	534.29
☉ Brg. S. Abut.	331+32.68	-45.13	534.31	534.31
C	331+42.68	-45.13	534.41	534.43
D	331+52.68	-45.13	534.50	534.54
E	331+62.68	-45.13	534.58	534.62
F	331+72.68	-45.13	534.65	534.67
☉ Brg. Pier 1	331+84.68	-45.13	534.72	534.72
G	331+94.68	-45.13	534.76	534.77
H	332+04.68	-45.13	534.79	534.82
I	332+14.68	-45.13	534.80	534.85
J	332+24.68	-45.13	534.81	534.85
K	332+34.68	-45.13	534.80	534.82
☉ Brg. Pier 2	332+49.43	-45.13	534.76	534.76
L	332+59.43	-45.13	534.72	534.73
M	332+69.43	-45.13	534.67	534.70
N	332+79.43	-45.13	534.60	534.65
O	332+89.43	-45.13	534.53	534.56
☉ Brg. N. Abut.	333+01.43	-45.13	534.42	534.42
Bk. N. Abut.	333+03.27	-45.13	534.41	534.41

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	-36.46	534.46	534.46
☉ Brg. S. Abut.	331+32.68	-36.46	534.48	534.48
C	331+42.68	-36.46	534.58	534.61
D	331+52.68	-36.46	534.67	534.71
E	331+62.68	-36.46	534.75	534.79
F	331+72.68	-36.46	534.82	534.84
☉ Brg. Pier 1	331+84.68	-36.46	534.89	534.89
G	331+94.68	-36.46	534.93	534.95
H	332+04.68	-36.46	534.96	535.00
I	332+14.68	-36.46	534.98	535.03
J	332+24.68	-36.46	534.98	535.03
K	332+34.68	-36.46	534.97	535.00
☉ Brg. Pier 2	332+49.43	-36.46	534.94	534.94
L	332+59.43	-36.46	534.90	534.91
M	332+69.43	-36.46	534.84	534.87
N	332+79.43	-36.46	534.78	534.82
O	332+89.43	-36.46	534.70	534.73
☉ Brg. N. Abut.	333+01.43	-36.46	534.60	534.60
Bk. N. Abut.	333+03.27	-36.46	534.58	534.58

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	-27.79	534.63	534.63
☉ Brg. S. Abut.	331+32.68	-27.79	534.65	534.65
C	331+42.68	-27.79	534.75	534.78
D	331+52.68	-27.79	534.85	534.89
E	331+62.68	-27.79	534.93	534.96
F	331+72.68	-27.79	535.00	535.01
☉ Brg. Pier 1	331+84.68	-27.79	535.06	535.06
G	331+94.68	-27.79	535.10	535.12
H	332+04.68	-27.79	535.13	535.17
I	332+14.68	-27.79	535.15	535.20
J	332+24.68	-27.79	535.15	535.20
K	332+34.68	-27.79	535.14	535.17
☉ Brg. Pier 2	332+49.43	-27.79	535.11	535.11
L	332+59.43	-27.79	535.07	535.08
M	332+69.43	-27.79	535.02	535.05
N	332+79.43	-27.79	534.95	534.99
O	332+89.43	-27.79	534.87	534.91
☉ Brg. N. Abut.	333+01.43	-27.79	534.77	534.77
Bk. N. Abut.	333+03.27	-27.79	534.75	534.75

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	-19.13	534.81	534.81
☉ Brg. S. Abut.	331+32.68	-19.13	534.83	534.83
C	331+42.68	-19.13	534.93	534.95
D	331+52.68	-19.13	535.02	535.06
E	331+62.68	-19.13	535.10	535.14
F	331+72.68	-19.13	535.17	535.19
☉ Brg. Pier 1	331+84.68	-19.13	535.24	535.24
G	331+94.68	-19.13	535.28	535.29
H	332+04.68	-19.13	535.31	535.34
I	332+14.68	-19.13	535.32	535.37
J	332+24.68	-19.13	535.33	535.37
K	332+34.68	-19.13	535.32	535.34
☉ Brg. Pier 2	332+49.43	-19.13	535.28	535.28
L	332+59.43	-19.13	535.24	535.25
M	332+69.43	-19.13	535.19	535.22
N	332+79.43	-19.13	535.12	535.17
O	332+89.43	-19.13	535.05	535.08
☉ Brg. N. Abut.	333+01.43	-19.13	534.94	534.94
Bk. N. Abut.	333+03.27	-19.13	534.93	534.93

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	-16.00	534.87	534.87
☉ Brg. S. Abut.	331+32.68	-16.00	534.89	534.89
C	331+42.68	-16.00	534.99	535.02
D	331+52.68	-16.00	535.08	535.12
E	331+62.68	-16.00	535.16	535.20
F	331+72.68	-16.00	535.23	535.25
☉ Brg. Pier 1	331+84.68	-16.00	535.30	535.30
G	331+94.68	-16.00	535.34	535.35
H	332+04.68	-16.00	535.37	535.41
I	332+14.68	-16.00	535.39	535.44
J	332+24.68	-16.00	535.39	535.43
K	332+34.68	-16.00	535.38	535.41
☉ Brg. Pier 2	332+49.43	-16.00	535.34	535.34
L	332+59.43	-16.00	535.30	535.32
M	332+69.43	-16.00	535.25	535.28
N	332+79.43	-16.00	535.19	535.23
O	332+89.43	-16.00	535.11	535.14
☉ Brg. N. Abut.	333+01.43	-16.00	535.01	535.01
Bk. N. Abut.	333+03.27	-16.00	534.99	534.99

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VILLAGE OF SHILOH

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 082-3116

SHEET NO. 7 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	136
		CONTRACT NO. 97892		
		ILLINOIS	FED. AID PROJECT	

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	-10.46	534.97	534.97
☉ Brg. S. Abut.	331+32.68	-10.46	534.99	534.99
C	331+42.68	-10.46	535.09	535.12
D	331+52.68	-10.46	535.19	535.23
E	331+62.68	-10.46	535.27	535.30
F	331+72.68	-10.46	535.34	535.35
☉ Brg. Pier 1	331+84.68	-10.46	535.40	535.40
G	331+94.68	-10.46	535.44	535.46
H	332+04.68	-10.46	535.47	535.51
I	332+14.68	-10.46	535.49	535.54
J	332+24.68	-10.46	535.49	535.54
K	332+34.68	-10.46	535.48	535.51
☉ Brg. Pier 2	332+49.43	-10.46	535.45	535.45
L	332+59.43	-10.46	535.41	535.42
M	332+69.43	-10.46	535.36	535.39
N	332+79.43	-10.46	535.29	535.33
O	332+89.43	-10.46	535.21	535.24
☉ Brg. N. Abut.	333+01.43	-10.46	535.11	535.11
Bk. N. Abut.	333+03.27	-10.46	535.09	535.09

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	-1.79	535.10	535.10
☉ Brg. S. Abut.	331+32.68	-1.79	535.12	535.12
C	331+42.68	-1.79	535.22	535.25
D	331+52.68	-1.79	535.32	535.36
E	331+62.68	-1.79	535.40	535.43
F	331+72.68	-1.79	535.47	535.48
☉ Brg. Pier 1	331+84.68	-1.79	535.53	535.53
G	331+94.68	-1.79	535.57	535.59
H	332+04.68	-1.79	535.60	535.64
I	332+14.68	-1.79	535.62	535.67
J	332+24.68	-1.79	535.62	535.67
K	332+34.68	-1.79	535.61	535.64
☉ Brg. Pier 2	332+49.43	-1.79	535.58	535.58
L	332+59.43	-1.79	535.54	535.55
M	332+69.43	-1.79	535.49	535.52
N	332+79.43	-1.79	535.42	535.46
O	332+89.43	-1.79	535.34	535.37
☉ Brg. N. Abut.	333+01.43	-1.79	535.24	535.24
Bk. N. Abut.	333+03.27	-1.79	535.22	535.22

☉ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	0.00	535.13	535.13
☉ Brg. S. Abut.	331+32.68	0.00	535.15	535.15
C	331+42.68	0.00	535.25	535.28
D	331+52.68	0.00	535.34	535.38
E	331+62.68	0.00	535.42	535.46
F	331+72.68	0.00	535.49	535.51
☉ Brg. Pier 1	331+84.68	0.00	535.56	535.56
G	331+94.68	0.00	535.60	535.61
H	332+04.68	0.00	535.63	535.67
I	332+14.68	0.00	535.65	535.70
J	332+24.68	0.00	535.65	535.69
K	332+34.68	0.00	535.64	535.67
☉ Brg. Pier 2	332+49.43	0.00	535.60	535.60
L	332+59.43	0.00	535.56	535.58
M	332+69.43	0.00	535.51	535.54
N	332+79.43	0.00	535.45	535.49
O	332+89.43	0.00	535.37	535.40
☉ Brg. N. Abut.	333+01.43	0.00	535.27	535.27
Bk. N. Abut.	333+03.27	0.00	535.25	535.25

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	6.88	535.03	535.03
☉ Brg. S. Abut.	331+32.68	6.88	535.04	535.04
C	331+42.68	6.88	535.15	535.17
D	331+52.68	6.88	535.24	535.28
E	331+62.68	6.88	535.32	535.36
F	331+72.68	6.88	535.39	535.41
☉ Brg. Pier 1	331+84.68	6.88	535.46	535.46
G	331+94.68	6.88	535.50	535.51
H	332+04.68	6.88	535.53	535.56
I	332+14.68	6.88	535.54	535.59
J	332+24.68	6.88	535.55	535.59
K	332+34.68	6.88	535.54	535.56
☉ Brg. Pier 2	332+49.43	6.88	535.50	535.50
L	332+59.43	6.88	535.46	535.47
M	332+69.43	6.88	535.41	535.44
N	332+79.43	6.88	535.34	535.39
O	332+89.43	6.88	535.27	535.30
☉ Brg. N. Abut.	333+01.43	6.88	535.16	535.16
Bk. N. Abut.	333+03.27	6.88	535.15	535.15

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	15.54	534.88	534.88
☉ Brg. S. Abut.	331+32.68	15.54	534.90	534.90
C	331+42.68	15.54	535.00	535.03
D	331+52.68	15.54	535.09	535.13
E	331+62.68	15.54	535.17	535.21
F	331+72.68	15.54	535.24	535.26
☉ Brg. Pier 1	331+84.68	15.54	535.31	535.31
G	331+94.68	15.54	535.35	535.36
H	332+04.68	15.54	535.38	535.42
I	332+14.68	15.54	535.39	535.44
J	332+24.68	15.54	535.40	535.44
K	332+34.68	15.54	535.39	535.42
☉ Brg. Pier 2	332+49.43	15.54	535.35	535.35
L	332+59.43	15.54	535.31	535.33
M	332+69.43	15.54	535.26	535.29
N	332+79.43	15.54	535.20	535.24
O	332+89.43	15.54	535.12	535.15
☉ Brg. N. Abut.	333+01.43	15.54	535.02	535.02
Bk. N. Abut.	333+03.27	15.54	535.00	535.00

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	331+30.85	24.21	534.71	534.71
☉ Brg. S. Abut.	331+32.68	24.21	534.72	534.72
C	331+42.68	24.21	534.82	534.85
D	331+52.68	24.21	534.92	534.96
E	331+62.68	24.21	535.00	535.03
F	331+72.68	24.21	535.07	535.08
☉ Brg. Pier 1	331+84.68	24.21	535.13	535.13
G	331+94.68	24.21	535.18	535.19
H	332+04.68	24.21	535.21	535.24
I	332+14.68	24.21	535.22	535.27
J	332+24.68	24.21	535.23	535.27
K	332+34.68	24.21	535.22	535.24
☉ Brg. Pier 2	332+49.43	24.21	535.18	535.18
L	332+59.43	24.21	535.14	535.15
M	332+69.43	24.21	535.09	535.12
N	332+79.43	24.21	535.02	535.06
O	332+89.43	24.21	534.95	534.98
☉ Brg. N. Abut.	333+01.43	24.21	534.84	534.84
Bk. N. Abut.	333+03.27	24.21	534.83	534.83

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IL DESIGN FIRM

LICENSE NO: 184-001220

USER NAME	=	jesker	DESIGNED	-	TCS	REVISED	-
			CHECKED	-	JBE	REVISED	-
PLOT SCALE	=	0.167' / In.	DRAWN	-	LAB	REVISED	-
PLOT DATE	=	10/14/2025	CHECKED	-	JBE	REVISED	-



VILLAGE OF SHILOH

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 082-3116

SHEET NO. 8 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	137
		CONTRACT NO. 97892		
		ILLINOIS	FED. AID PROJECT	

WEST END OF CROSS SLOPE

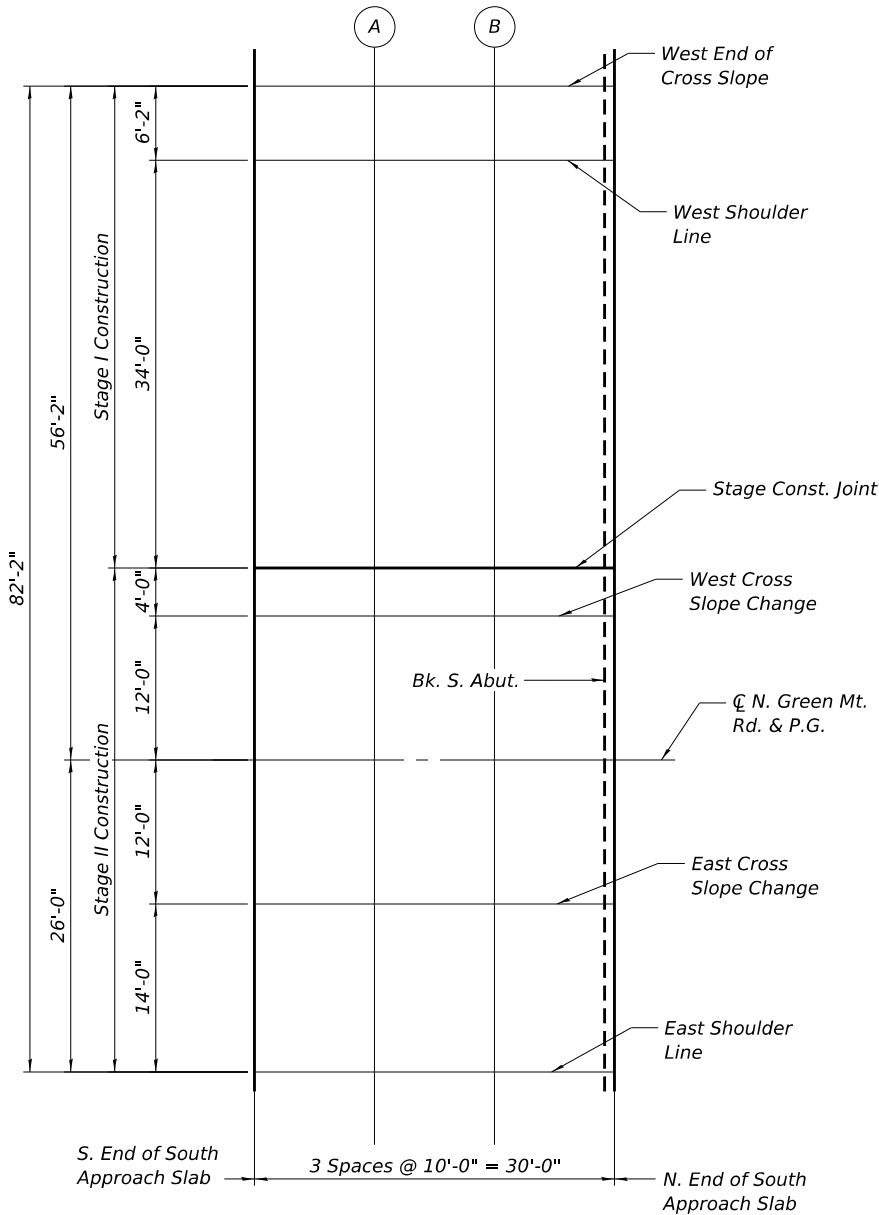
Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr.	331+01.85	-56.17	533.80
A	331+11.85	-56.17	533.90
B	331+21.85	-56.17	534.01
N. End South Appr.	331+31.85	-56.17	534.11

WEST SHOULDER LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr.	331+01.85	-50.00	533.90
A	331+11.85	-50.00	534.00
B	331+21.85	-50.00	534.10
N. End South Appr.	331+31.85	-50.00	534.20

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr.	331+01.85	-16.00	534.58
A	331+11.85	-16.00	534.68
B	331+21.85	-16.00	534.78
N. End South Appr.	331+31.85	-16.00	534.88



PLAN

South Approach

WEST CROSS SLOPE CHANGE

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr.	331+01.85	-12.00	534.66
A	331+11.85	-12.00	534.76
B	331+21.85	-12.00	534.86
N. End South Appr.	331+31.85	-12.00	534.96

C ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr.	331+01.85	0.00	534.84
A	331+11.85	0.00	534.94
B	331+21.85	0.00	535.04
N. End South Appr.	331+31.85	0.00	535.14

EAST CROSS SLOPE CHANGE

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr.	331+01.85	12.00	534.66
A	331+11.85	12.00	534.76
B	331+21.85	12.00	534.86
N. End South Appr.	331+31.85	12.00	534.96

EAST SHOULDER LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr.	331+01.85	26.00	534.38
A	331+11.85	26.00	534.48
B	331+21.85	26.00	534.58
N. End South Appr.	331+31.85	26.00	534.68

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

USER NAME = jesker
DESIGNED - BWP
CHECKED - JBE
PLOT SCALE = 0.167' / In.
DRAWN - LAB
PLOT DATE = 10/14/2025
CHECKED - JBE
REVISED -

DESIGNED - BWP
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PLOT SCALE = 0.167' / In.
DRAWN - LAB
PLOT DATE = 10/14/2025
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REVISED -

DESIGNED - BWP
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PLOT DATE = 10/14/2025
CHECKED - JBE
REVISED -



VILLAGE OF SHILOH

TOP OF SOUTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 082-3116

SHEET NO. 9 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	138
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

WEST END OF CROSS SLOPE

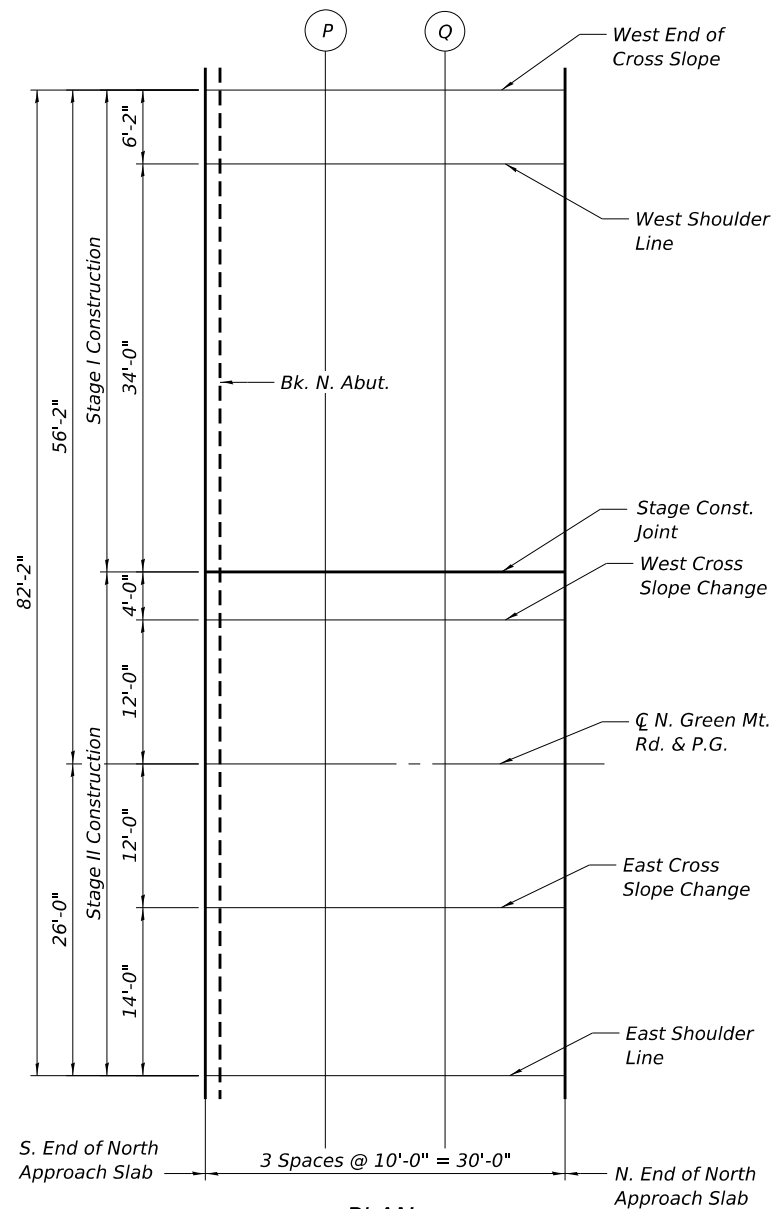
<i>Location</i>	<i>Station</i>	<i>Offset</i>	<i>Theoretical Grade Elevations</i>
<i>S. End North Appr.</i>	<i>333+02.27</i>	<i>-56.17</i>	<i>534.23</i>
<i>P</i>	<i>333+12.27</i>	<i>-56.17</i>	<i>534.14</i>
<i>Q</i>	<i>333+22.27</i>	<i>-56.17</i>	<i>534.05</i>
<i>N. End North Appr.</i>	<i>333+32.27</i>	<i>-56.17</i>	<i>533.97</i>

WEST SHOULDER LINE

<i>Location</i>	<i>Station</i>	<i>Offset</i>	<i>Theoretical Grade Elevations</i>
<i>S. End North Apr.</i>	<i>333+02.27</i>	<i>-50.00</i>	<i>534.32</i>
<i>P</i>	<i>333+12.27</i>	<i>-50.00</i>	<i>534.23</i>
<i>Q</i>	<i>333+22.27</i>	<i>-50.00</i>	<i>534.14</i>
<i>N. End North Apr.</i>	<i>333+32.27</i>	<i>-50.00</i>	<i>534.06</i>

STAGE CONSTRUCTION JOINT

<i>Location</i>	<i>Station</i>	<i>Offset</i>	<i>Theoretical Grade Elevations</i>
<i>S. End North Apr.</i>	333+02.27	-16.00	535.00
<i>P</i>	333+12.27	-16.00	534.91
<i>Q</i>	333+22.27	-16.00	534.82
<i>N. End North Apr.</i>	333+32.27	-16.00	534.74



WEST CROSS SLOPE CHANGE

<i>Location</i>	<i>Station</i>	<i>Offset</i>	<i>Theoretical Grade Elevations</i>
<i>S. End North Apr.</i>	333+02.27	-12.00	535.08
<i>P</i>	333+12.27	-12.00	534.99
<i>Q</i>	333+22.27	-12.00	534.90
<i>N. End North Apr.</i>	333+32.27	-12.00	534.82

℄ ROADWAY & PROFILE GRADE

<i>Location</i>	<i>Station</i>	<i>Offset</i>	<i>Theoretical Grade Elevations</i>
<i>S. End North Apr.</i>	333+02.27	0.00	535.26
<i>P</i>	333+12.27	0.00	535.17
<i>Q</i>	333+22.27	0.00	535.08
<i>N. End North Apr.</i>	333+32.27	0.00	535.00

EAST CROSS SLOPE CHANGE

<i>Location</i>	<i>Station</i>	<i>Offset</i>	<i>Theoretical Grade Elevations</i>
<i>S. End North Apr.</i>	333+02.27	12.00	535.08
<i>P</i>	333+12.27	12.00	534.99
<i>Q</i>	333+22.27	12.00	534.91
<i>N. End North Apr.</i>	333+32.27	12.00	534.82

EAST SHOULDER LINE

<i>Location</i>	<i>Station</i>	<i>Offset</i>	<i>Theoretical Grade Elevations</i>
<i>S. End North Appr.</i>	333+02.27	26.00	534.80
<i>P</i>	333+12.27	26.00	534.71
<i>Q</i>	333+22.27	26.00	534.62
<i>N. End North Appr.</i>	333+32.27	26.00	534.54

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		CHECKED -	JBE	REVISED -	
PLOT SCALE =	0.167' / 1in.	DRAWN -	LAB	REVISED -	
PLOT DATE =	10/14/2025	CHECKED -	JBE	REVISED -	



VILLAGE OF SHILOH

TOP OF NORTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 082-3116

SHEET NO. 10 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	139
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

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CHECKED - JBE
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DRAWN - CAJ
CHECKED - JBE
PLOT DATE = 10/14/2025

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CHECKED - JBE
PLOT DATE = 10/14/2025

REVISED -
REVISED -
REVISED -
REVISED -

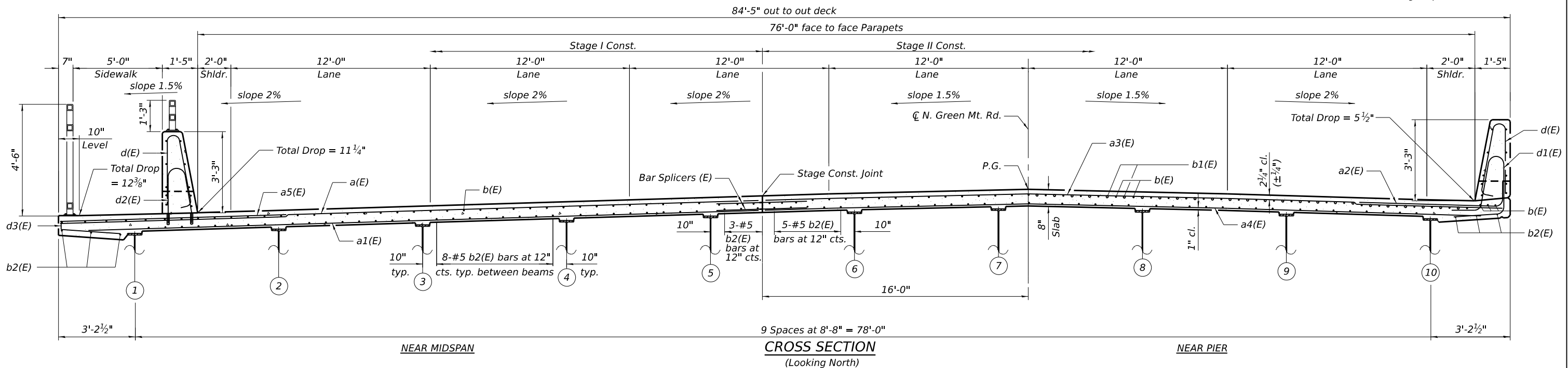
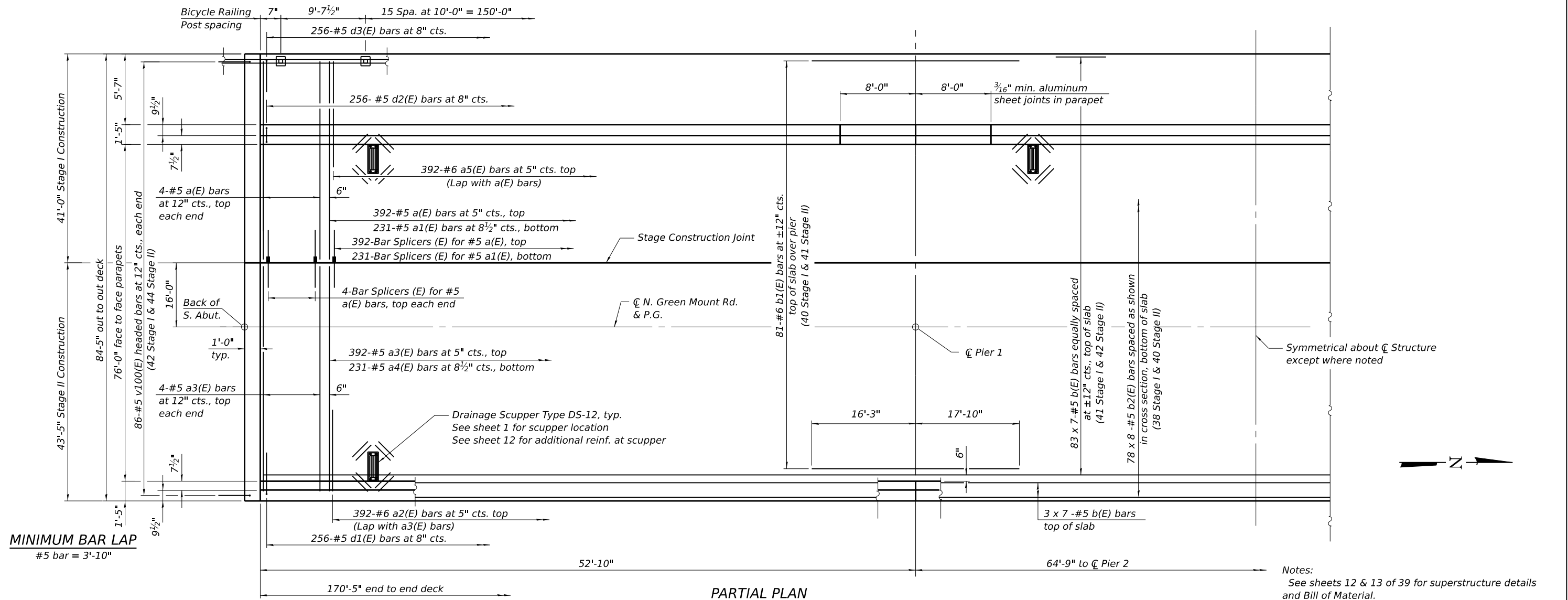


VILLAGE OF SHILOH

SUPERSTRUCTURE
STRUCTURE NO. 082-3116

SHEET NO. 11 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



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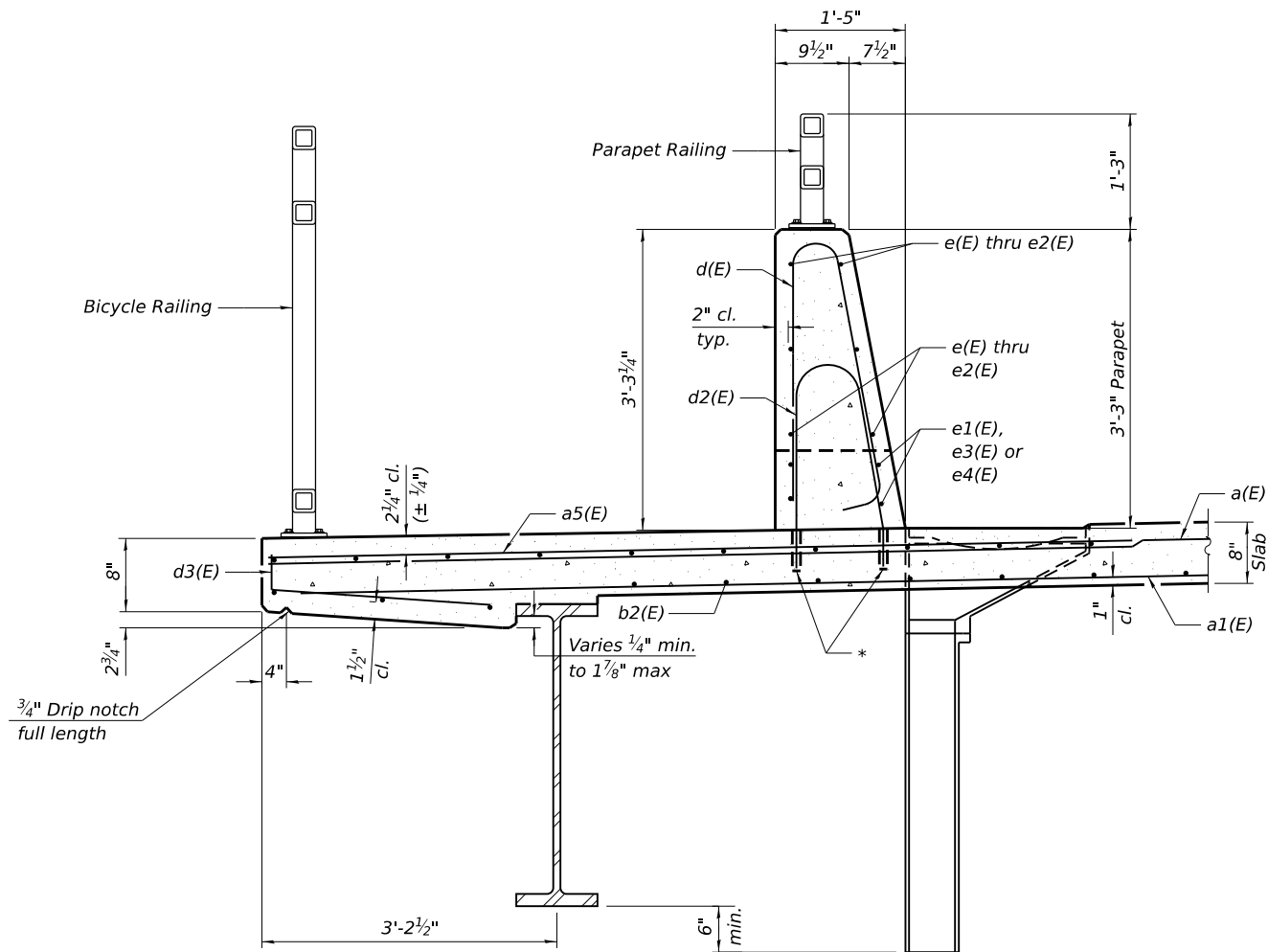


VILLAGE OF SHILOH

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 082-3116

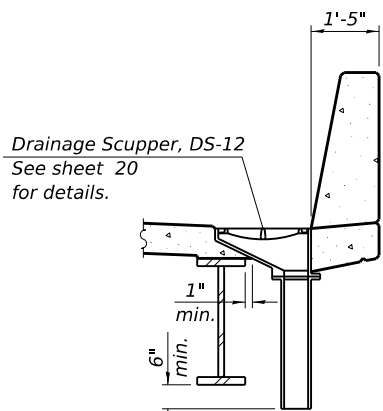
SHEET NO. 12 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



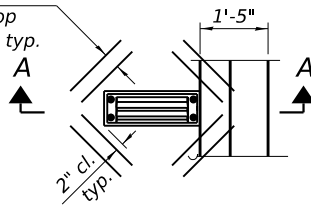
SECTION THRU WEST PARAPET

* Drill and set #5 d2(E) bar according to Article 509.06 of the Standard Specifications. Drilled holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of hole shall not exceed 6". Contractor shall take all necessary precautions to prevent drilled hole interference with deck reinforcement bars. Locate the longitudinal bars to miss drilled locations. Locate drilled holes to miss transverse bars in deck.



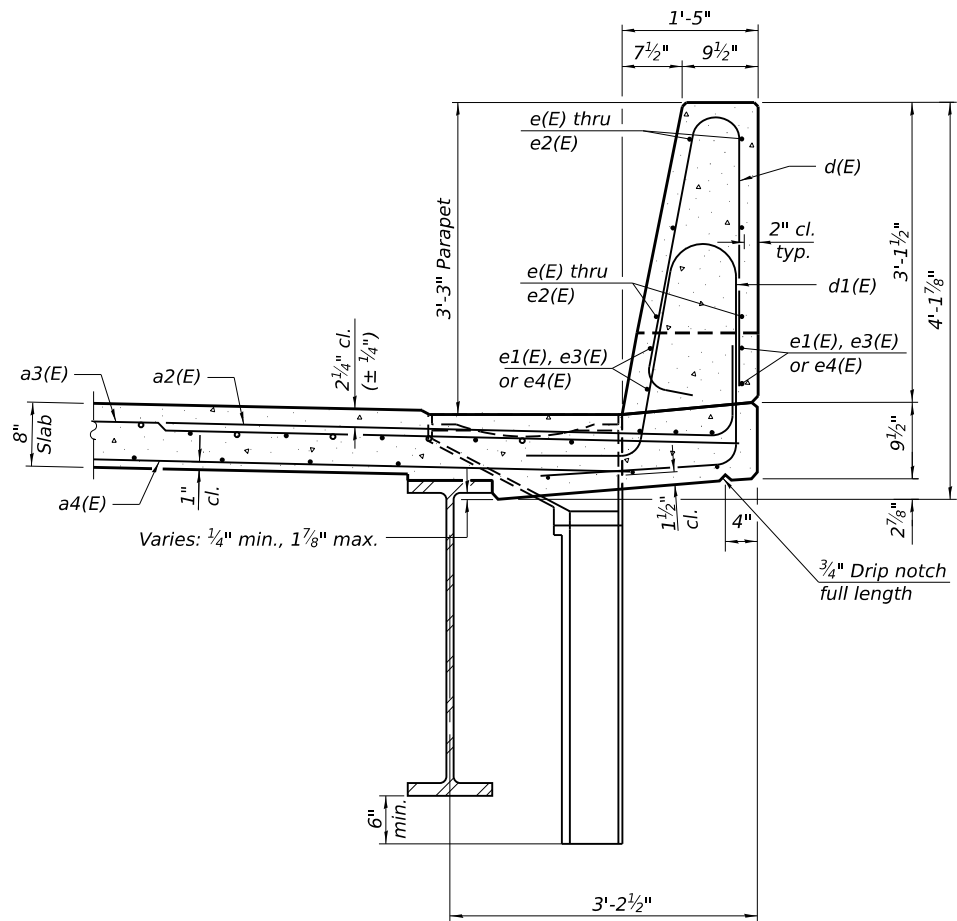
SECTION A-A

2-#5 a6(E) bars at 4" cts.
Tied to bottom of top
reinforcement mat. typ.

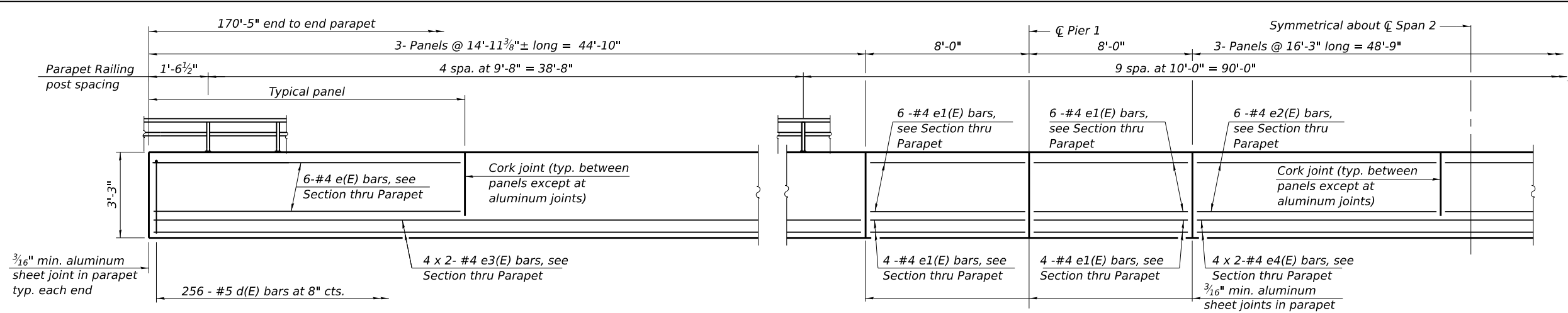


PLAN

Note:
Cut longitudinal reinforcement to
clear drainage scuppers.

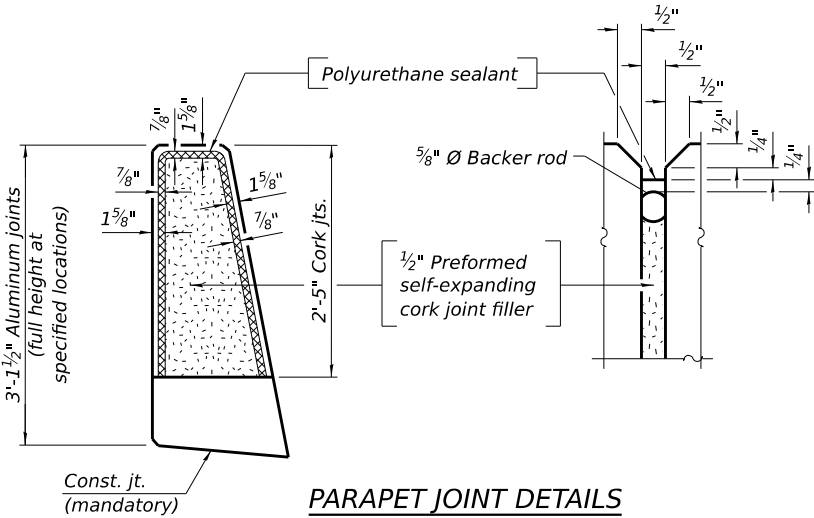


SECTION THRU EAST PARAPET



INSIDE ELEVATION OF WEST PARAPET
(Looking West, East Parapet Similar Except where Noted)
Parapet Railing West Parapet only

MINIMUM BAR LAP
#4 bar = 2'-2"



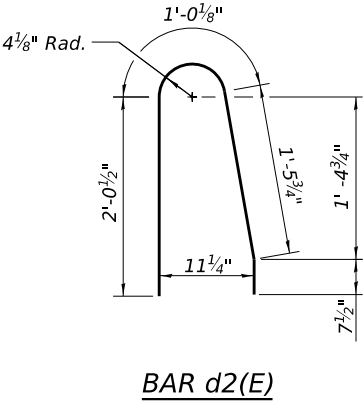
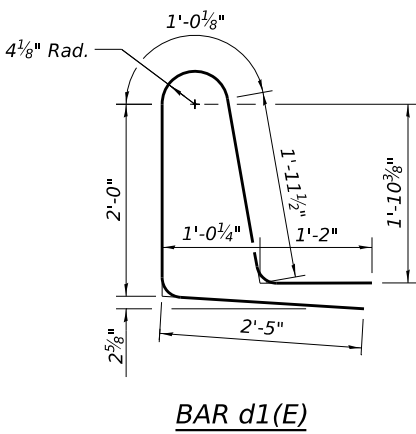
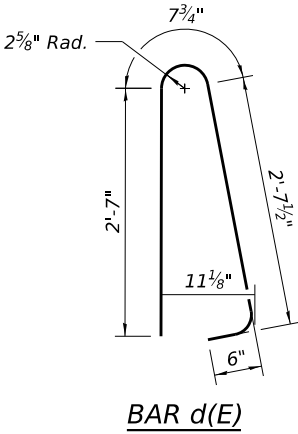
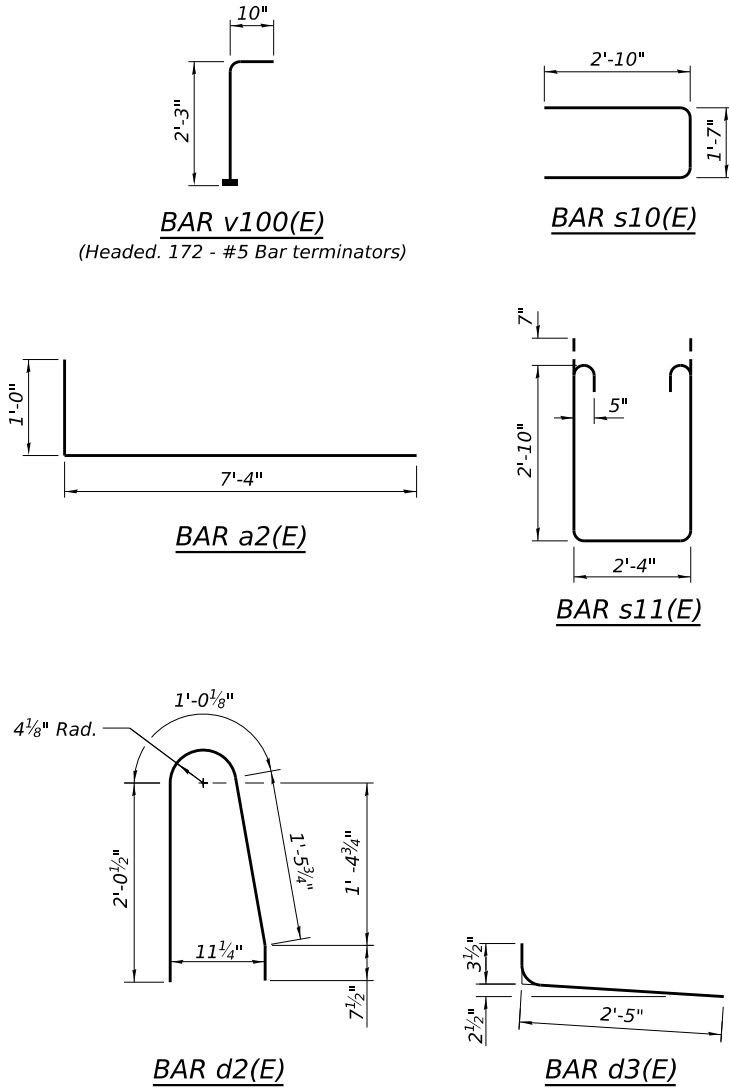
PARAPET JOINT DETAILS

Notes:

The 3/16" min. aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated with 5 mils of either bitumen paint or epoxy paint to minimize reaction with wet concrete. Cost included with Concrete Superstructure.

The polyurethane sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.

Bar terminators, paid for separately. See Total Bill of Material.



SUPERSTRUCTURE BILL OF MATERIAL				
Bar	No.	Size	Length	Shape
a(E)	400	#5	40'-8"	—
a1(E)	231	#5	39'-10"	—
a2(E)	392	#6	8'-4"	—
a3(E)	400	#5	43'-1"	—
a4(E)	231	#5	42'-3"	—
a5(E)	392	#6	12'-11"	—
a6(E)	48	#5	2'-0"	—
b(E)	602	#5	27'-7"	—
b1(E)	162	#6	34'-1"	—
b2(E)	624	#5	24'-8"	—
d(E)	512	#5	6'-5"	—
d1(E)	256	#5	8'-7"	—
d2(E)	256	#5	5'-2"	—
d3(E)	256	#5	2'-9"	—
e(E)	72	#4	14'-7"	—
e1(E)	80	#4	7'-8"	—
e2(E)	36	#4	15'-11"	—
e3(E)	32	#4	23'-4"	—
e4(E)	16	#4	25'-4"	—
m10(E)	8	#6	40'-8"	—
m11(E)	48	#6	8'-4"	—
m12(E)	12	#6	2'-10"	—
m13(E)	8	#6	43'-1"	—
s10(E)	160	#5	7'-3"	—
s11(E)	160	#5	9'-2"	—
v100(E)	172	#5	3'-1"	—
Reinforcement Bars, Epoxy Coated Concrete Superstructure			Lbs.	124,040
			Cu. Yds.	471.2

Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

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PLOT DATE	=	10/14/2025

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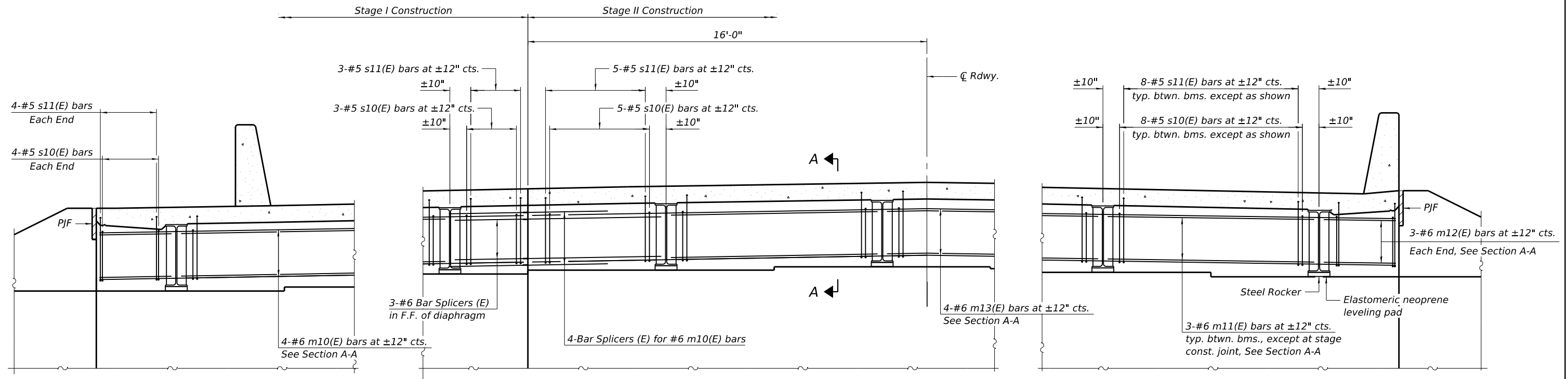


VILLAGE OF SHILOH

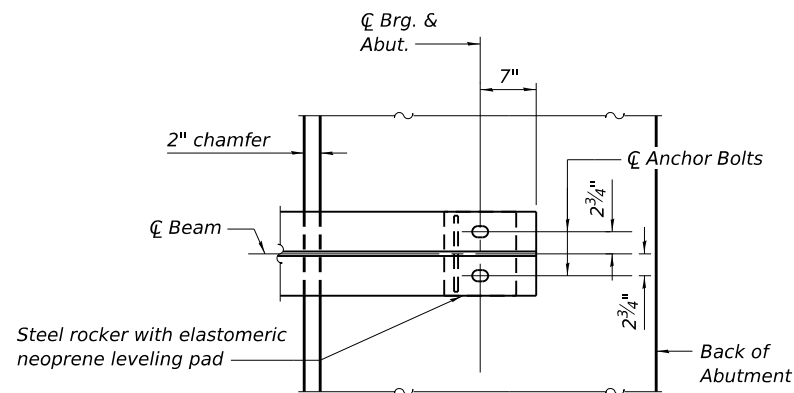
SUPERSTRUCTURE DETAILS
STRUCTURE NO. 082-3116

SHEET NO. 13 OF 39 SHEETS

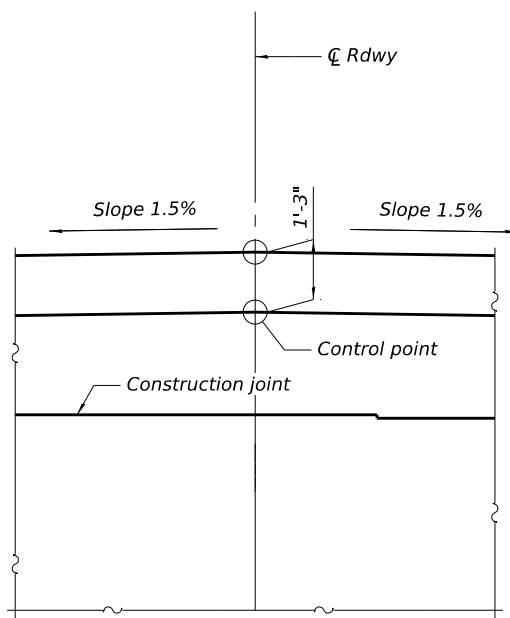
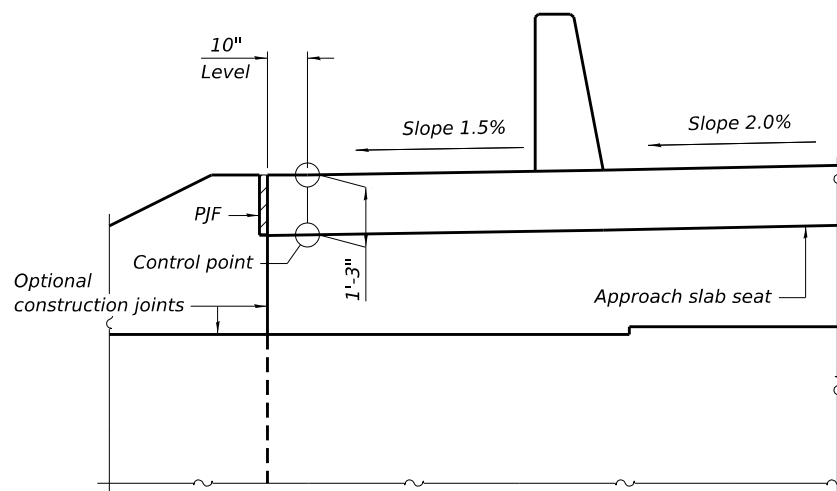
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CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



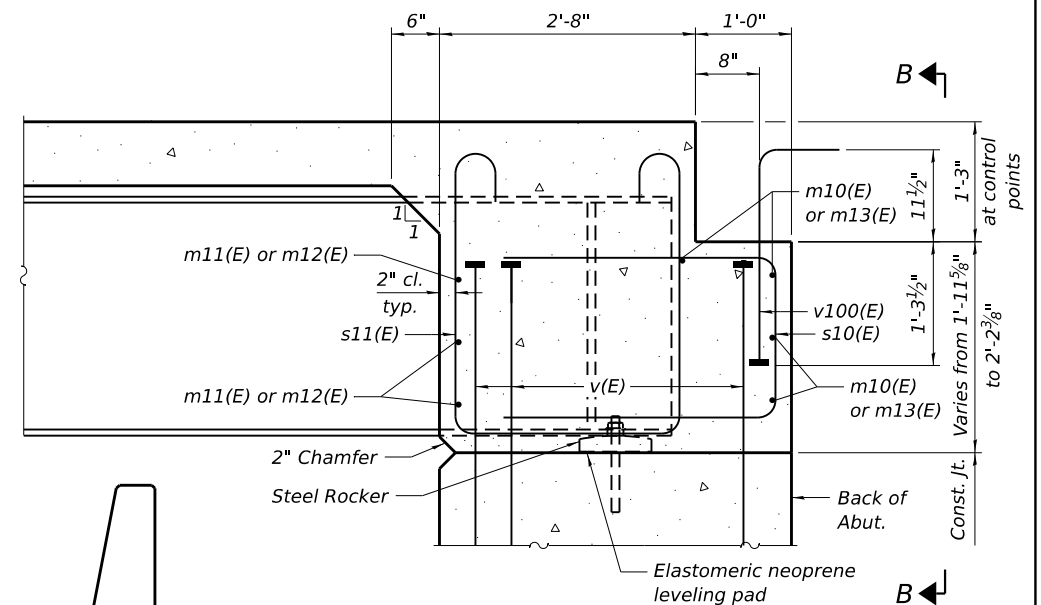
DIAPHRAGM AT ABUTMENT
(North Diaphragm shown, South Diaphragm similar)



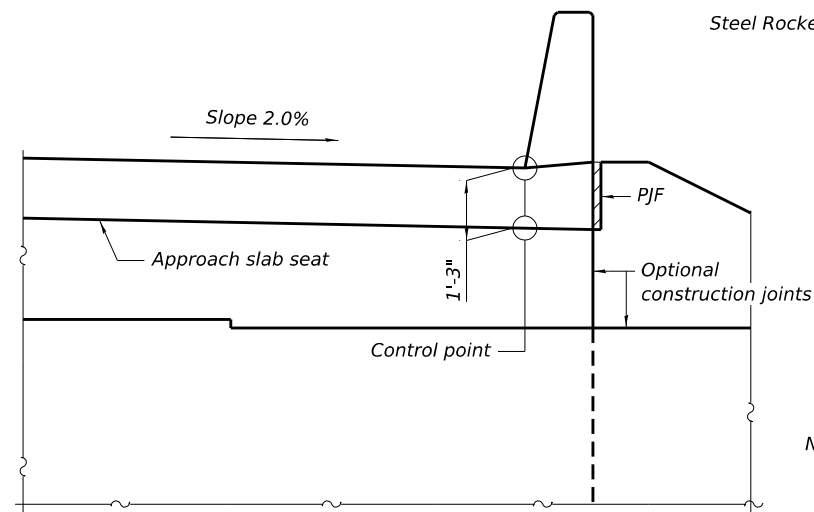
PLAN AT ABUTMENT
(Showing bottom flange of beam)



VIEW B-B



SECTION A-A



Notes:
See sheet 13 of 39 for superstructure details and Bill of Material.
See sheet 16 of 39 for P.J.F. details.
See sheet 31 of 39 for bar splicer assembly details
The approach slab seat shall have a constant slope determined from the control points shown.

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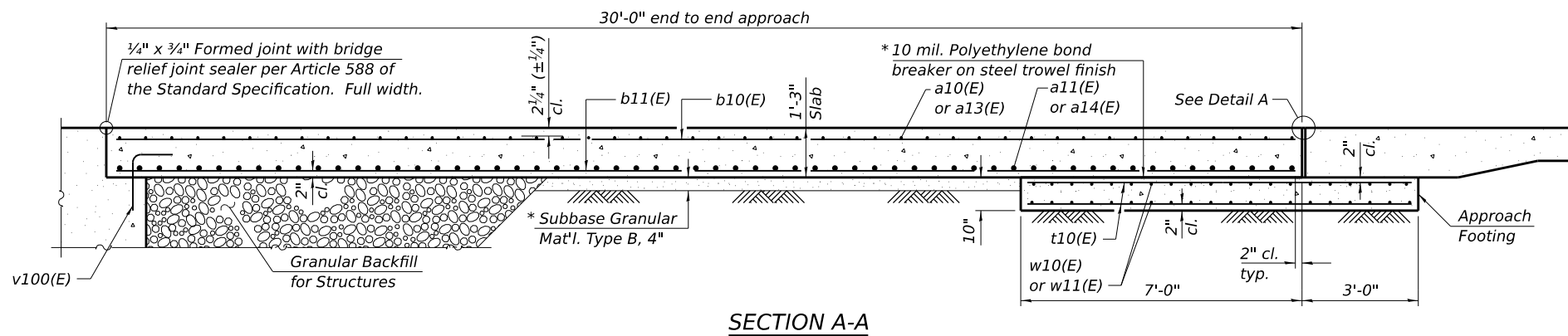
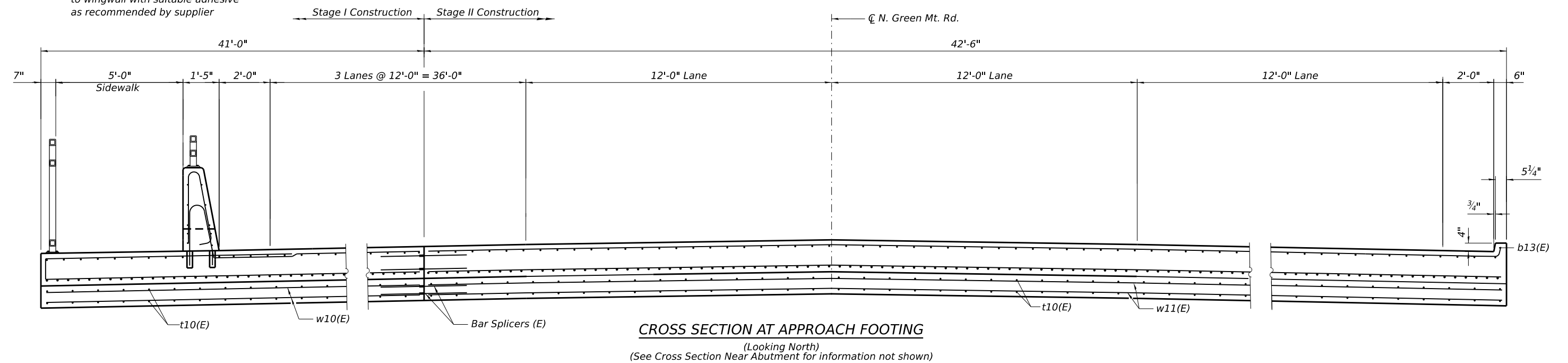
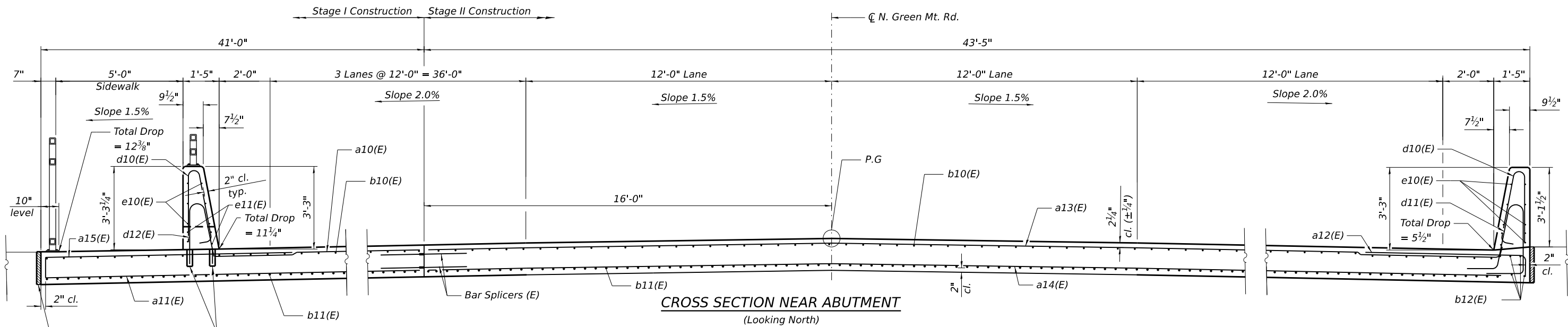


VILLAGE OF SHILOH

**DIAPHRAGM DETAILS
STRUCTURE NO. 082-3116**

SHEET NO. 14 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	143
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



* Cost Included with Concrete Superstructure (Approach Slab)

** Drill and set #5 d12(E) bar according to Article 509.06 of the Standard Specifications. Drilled holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of hole shall not exceed 6". Contractor shall take all necessary precautions to prevent drilled hole interference with approach slab reinforcement bars. Locate longitudinal bars to miss drilled locations. Locate drilled holes to miss transverse bars in approach slab

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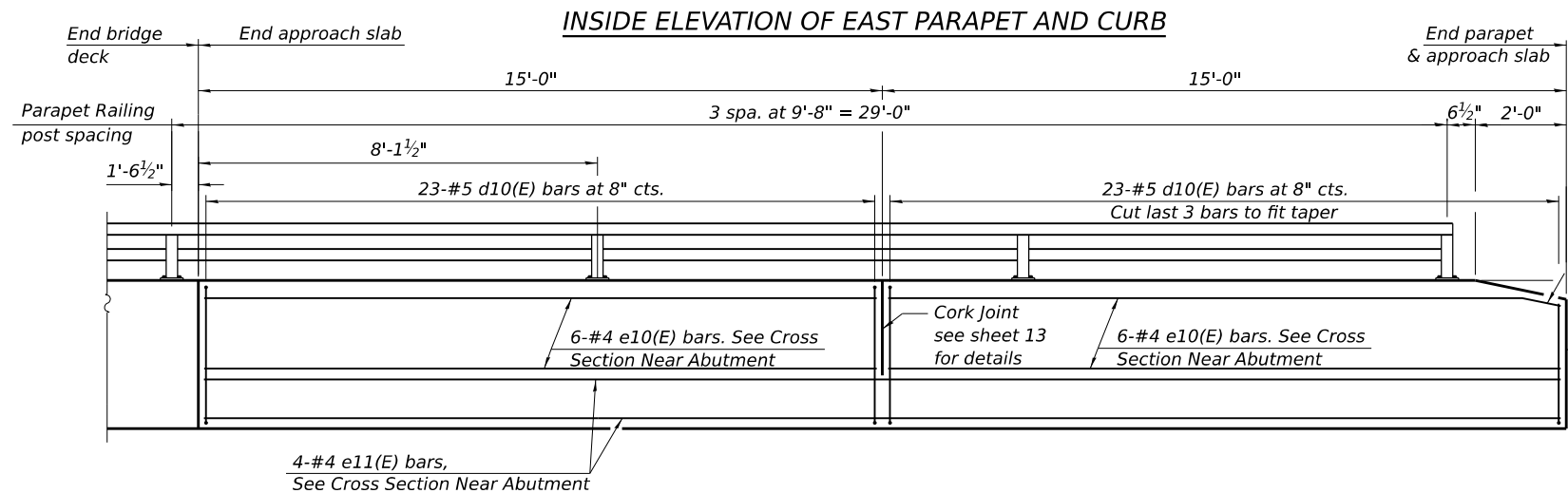
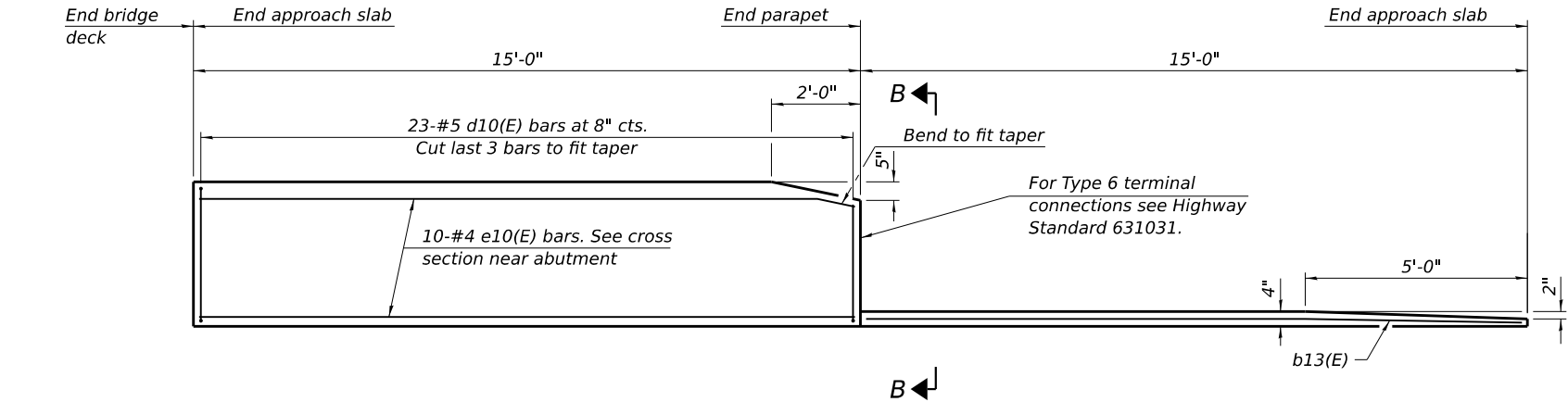


VILLAGE OF SHILOH

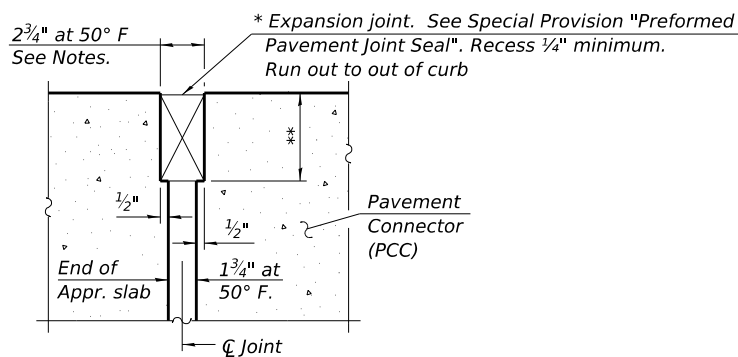
BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 082-3116

SHEET NO. 16 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



INSIDE ELEVATION OF WEST PARAPET



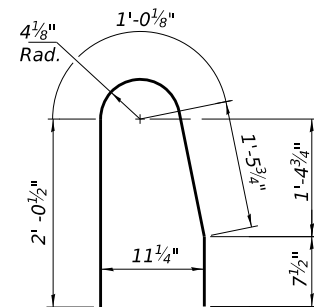
DETAIL A

* Cost included with Concrete Superstructure (Approach Slab).

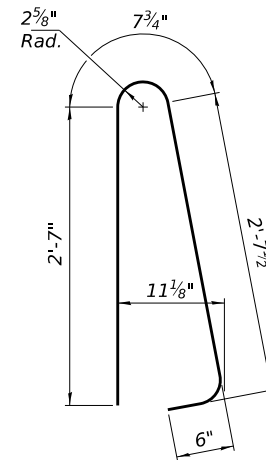
** Per manufacturer recommendations

Notes:

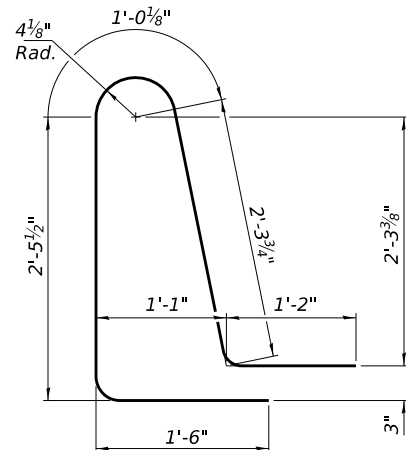
The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.
Parapet concrete shall be paid for as Concrete Superstructure (Approach Slab).
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
Approach footing concrete shall be paid for as Concrete Structures.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
Cost of excavation for approach footing included with Concrete Structures.
For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 39.



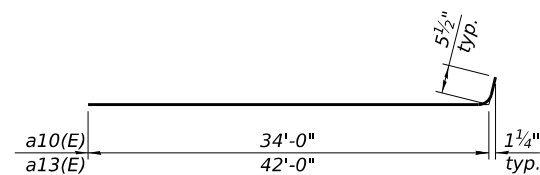
BAR d12(E)



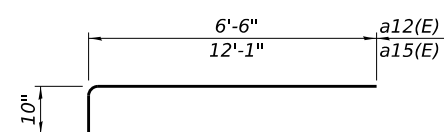
BAR d10(E)



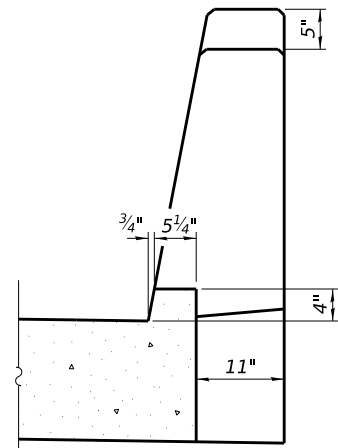
BAR d11(E)



BAR a10(E) & a13(E)



BAR a12(E) & a15(E)



VIEW B-B

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	92	#5	34'-6"	
a11(E)	120	#8	40'-8"	
a12(E)	46	#5	7'-4"	
a13(E)	92	#5	42'-6"	
a14(E)	120	#8	42'-2"	
a15(E)	92	#5	12'-11"	
a16(E)	8	#5	1'-6"	
b10(E)	252	#5	29'-8"	
b11(E)	402	#9	29'-8"	
b12(E)	8	#5	14'-8"	
b13(E)	2	#4	14'-8"	
d10(E)	138	#5	6'-5"	
d11(E)	46	#5	8'-6"	
d12(E)	92	#5	5'-2"	
e10(E)	44	#4	14'-8"	
e11(E)	8	#4	29'-8"	
t10(E)	340	#4	9'-8"	
w10(E)	80	#5	40'-8"	
w11(E)	80	#5	42'-2"	
Concrete Superstructure			Cu. Yd.	11.9
Concrete Superstructure (Approach Slab)			Cu. Yd.	233.4
Concrete Structures			Cu. Yd.	51.6
Reinforcement Bars, Epoxy Coated			Pound	95,550

(Sheet 3 of 3)

VILLAGE OF SHILOH

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 082-3116

SHEET NO. 17 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	146
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

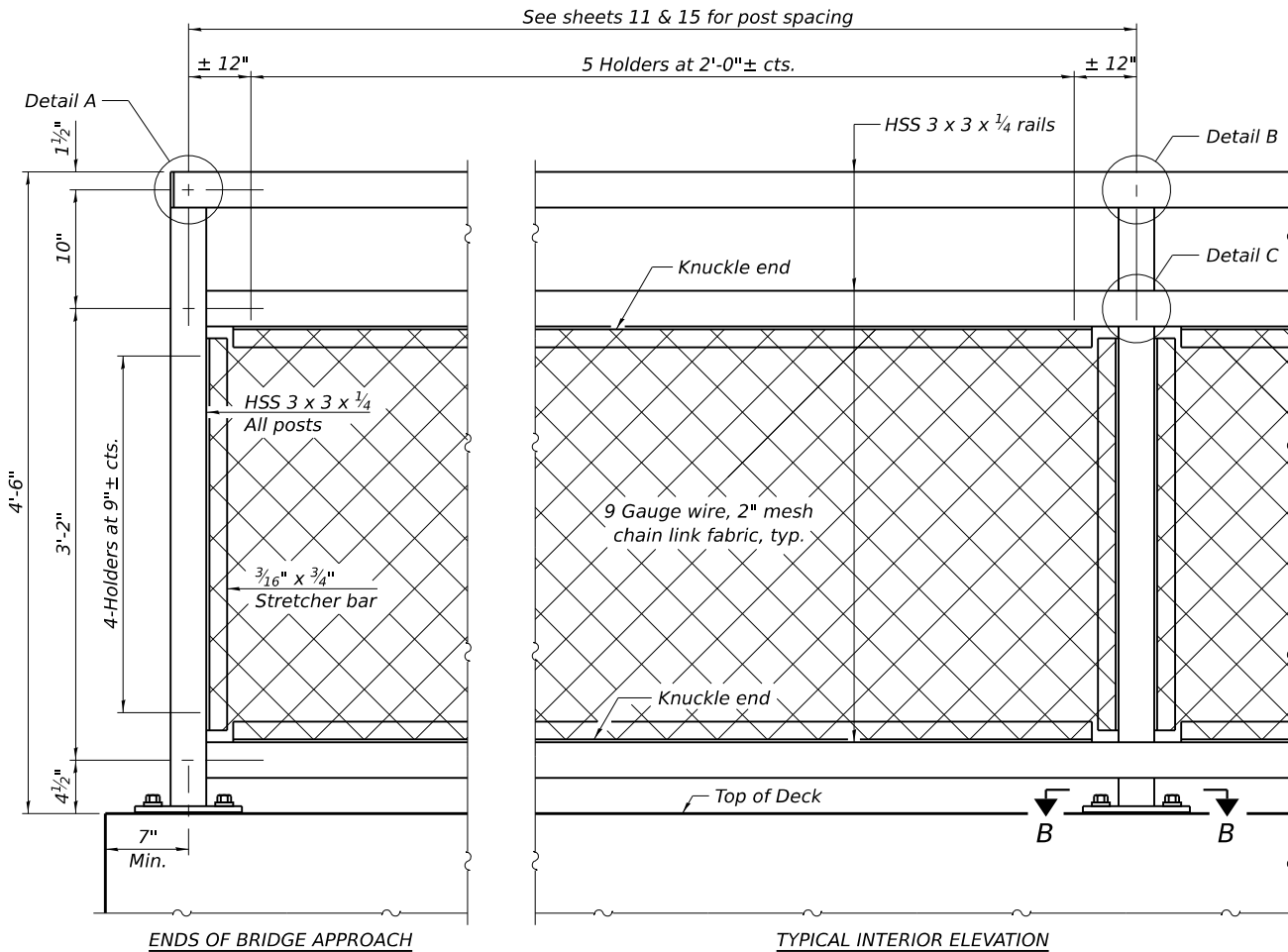


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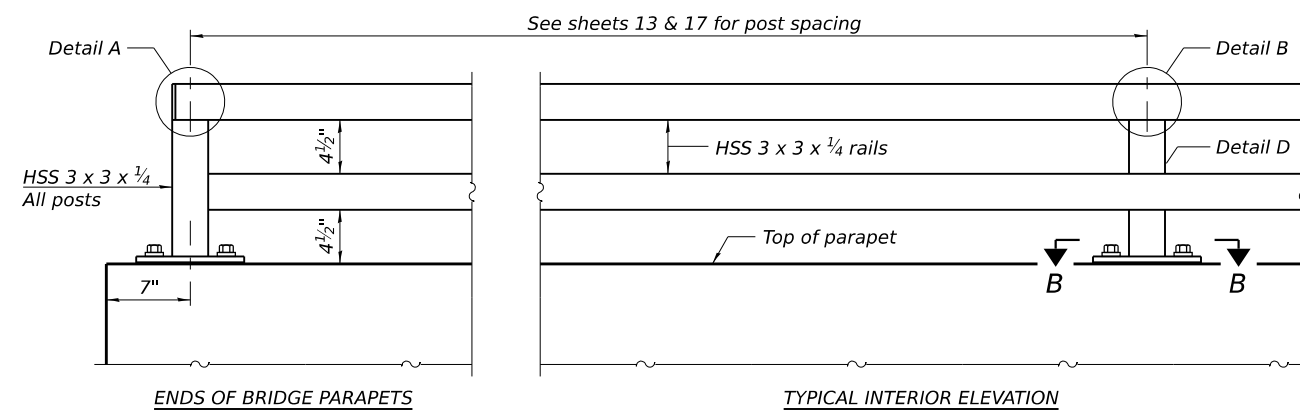
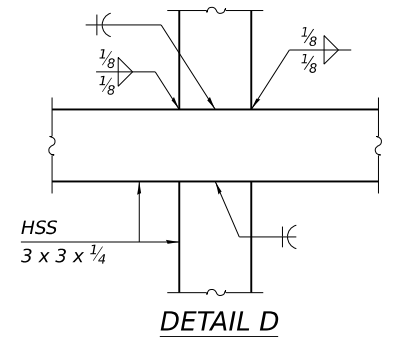
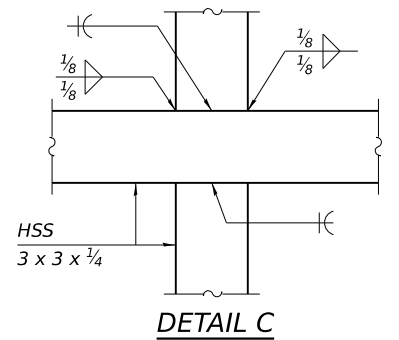
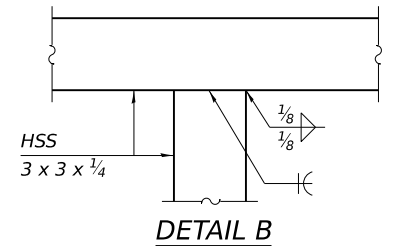
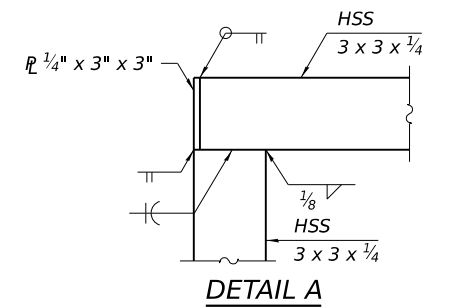
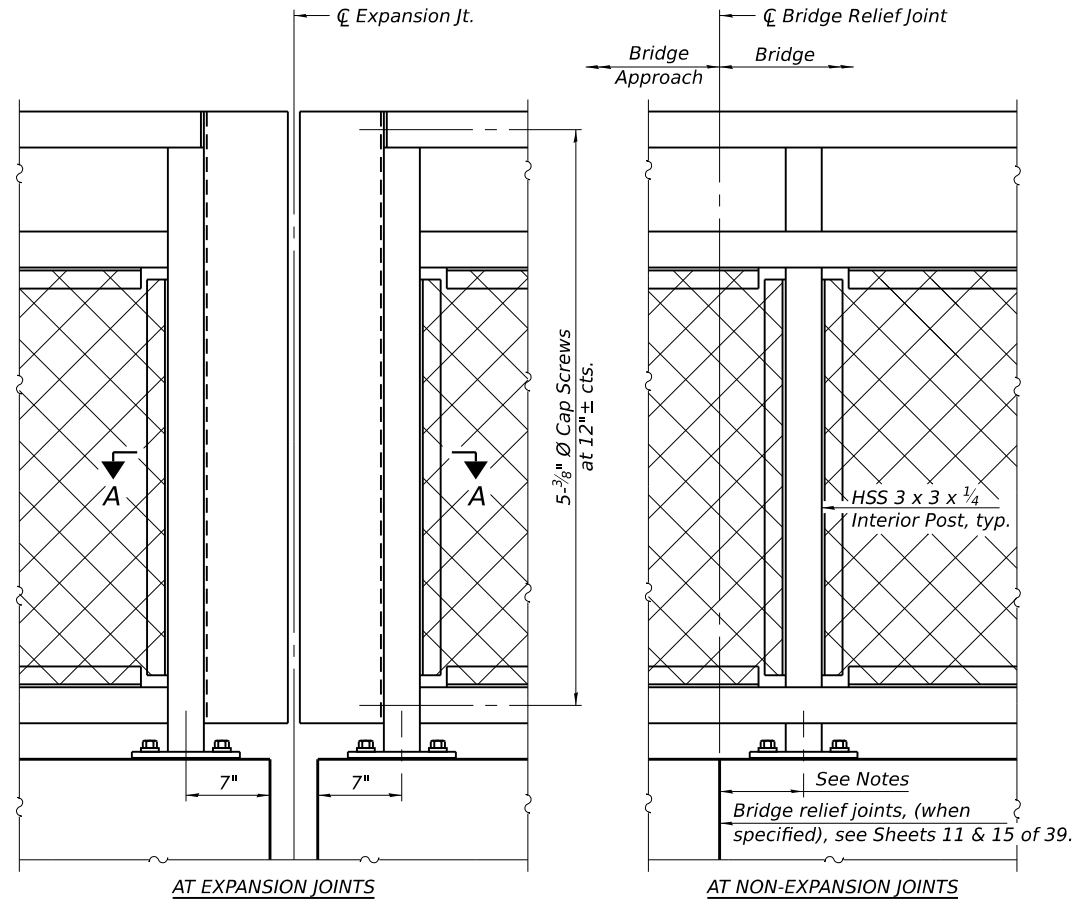
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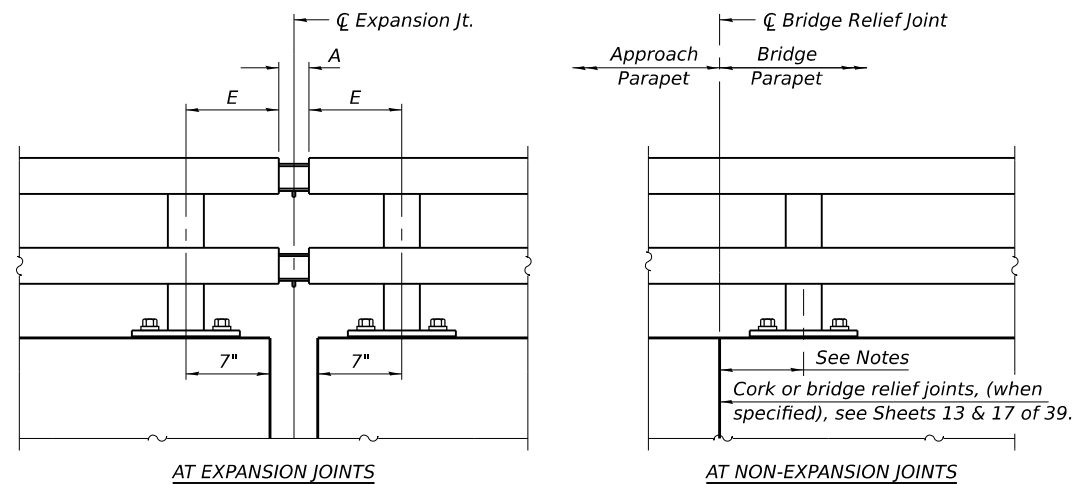




ELEVATION BICYCLE RAILING
(Inside face)

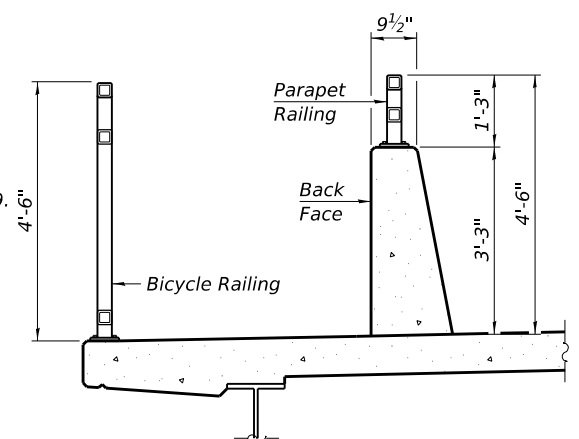


ELEVATION PARAPET RAILING
(Inside face)



RAILING CRITERIA

MASH 2016 Test Level	4
Parapet Railing Weight (plf)	25
Bicycle Railing Weight (plf)	50
Max Post Spacing	10'-0"



SECTION THRU DECK

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R-29

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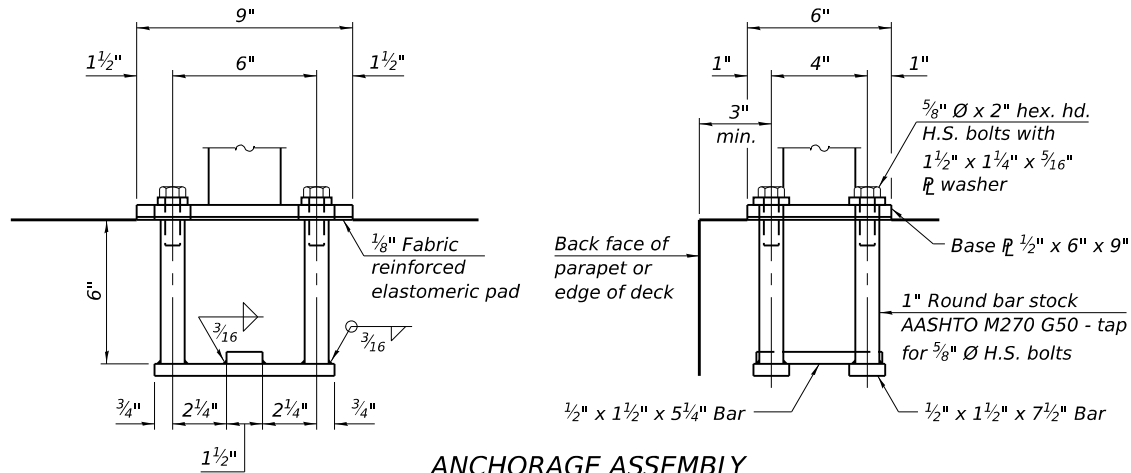
VILLAGE OF SHILOH

BICYCLE RAILING AND PARAPET RAILING
STRUCTURE NO. 082-3116

SHEET NO. 18 OF 39 SHEETS

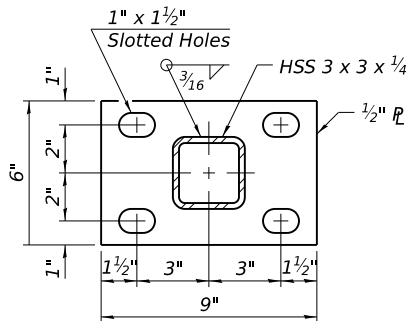
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9170	22-00022-00-PW	ST. CLAIR	200	147
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

(Sheet 1 of 2)

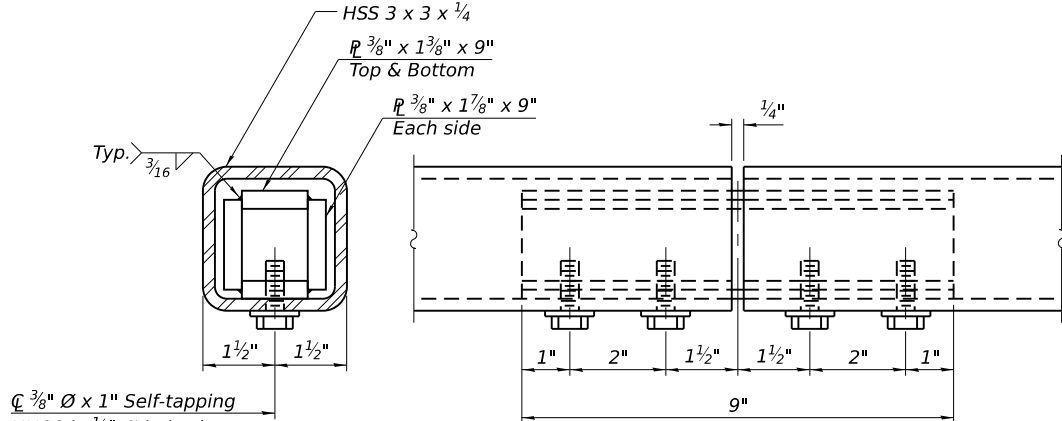


ANCHORAGE ASSEMBLY

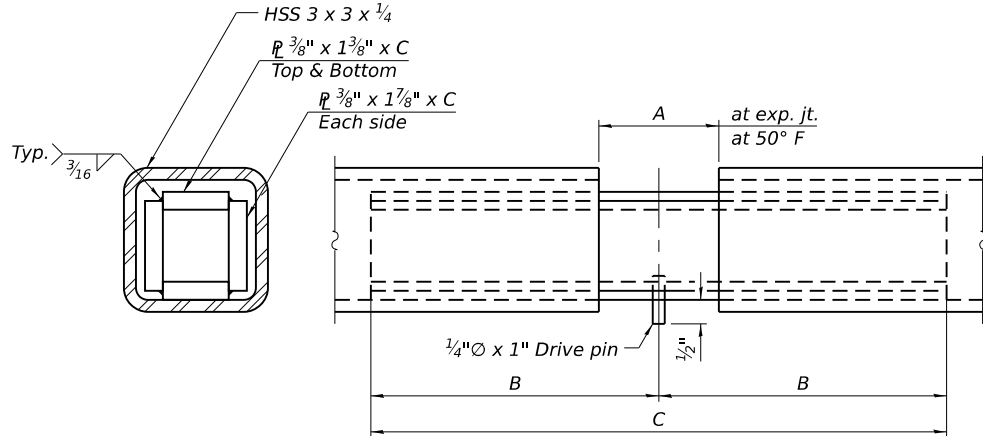
The Bicycle Railing fasteners for end posts near expansion joints may need to be installed prior to installing the bent plates. In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" Ø fully threaded anchor rods with the same plate washers as specified above and heavy hex lock nuts according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



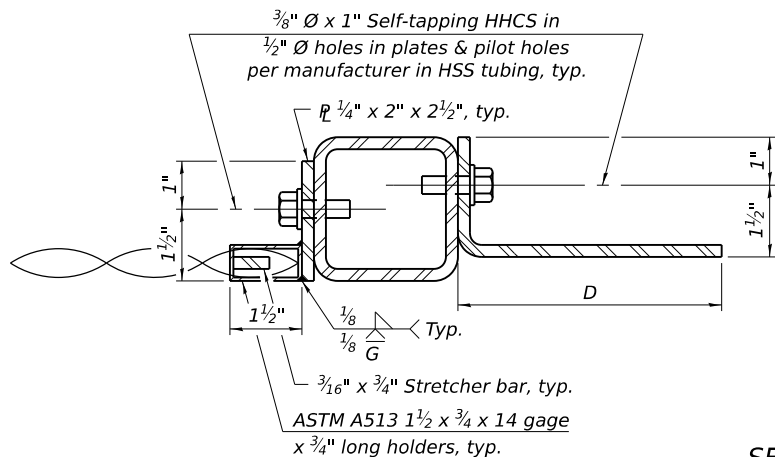
SECTION B-B



MATERIAL SPLICE



EXPANSION SPLICE



SECTION A-A

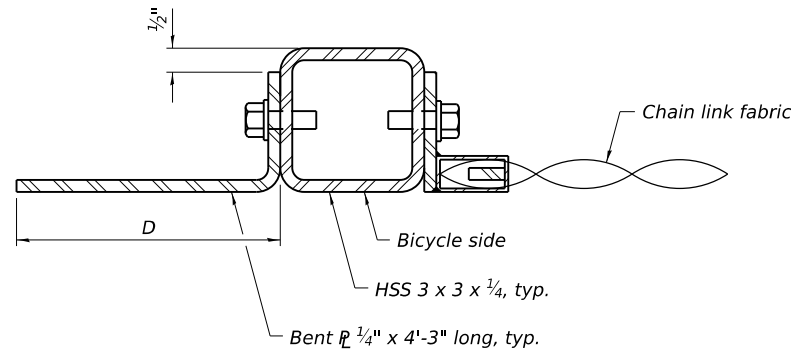


TABLE OF DIMENSIONS

Location	T	A	B	C	D	E
Over Strip Seal Jt.	≤4"	2½"	1'-2"	2'-4"	4"	6½"
Over Finger or Modular Jt.	≤9½"	5½"	1'-7¾"	3'-3½"	6¼"	10"
Over Finger or Modular Jt.	≤15"	8¼"	2'-1¼"	4'-2½"	9"	14⅞"
At Light Poles	8"	NA - Coordinate 8" Wide Access With Fabricator				
At Bridge Relief Joints	NA - Material Splices Per Fabricator					

T= ; total movement based on total temperature range from -20°F to 120°F along centerline of roadway at expansion joint.
OR
8" hand-hole access for maintenance of light poles (when present; replace splice with 8" gap).

BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing	Foot	229
Parapet Railing	Foot	225

R-29

4-4-2025



USER NAME = jesker
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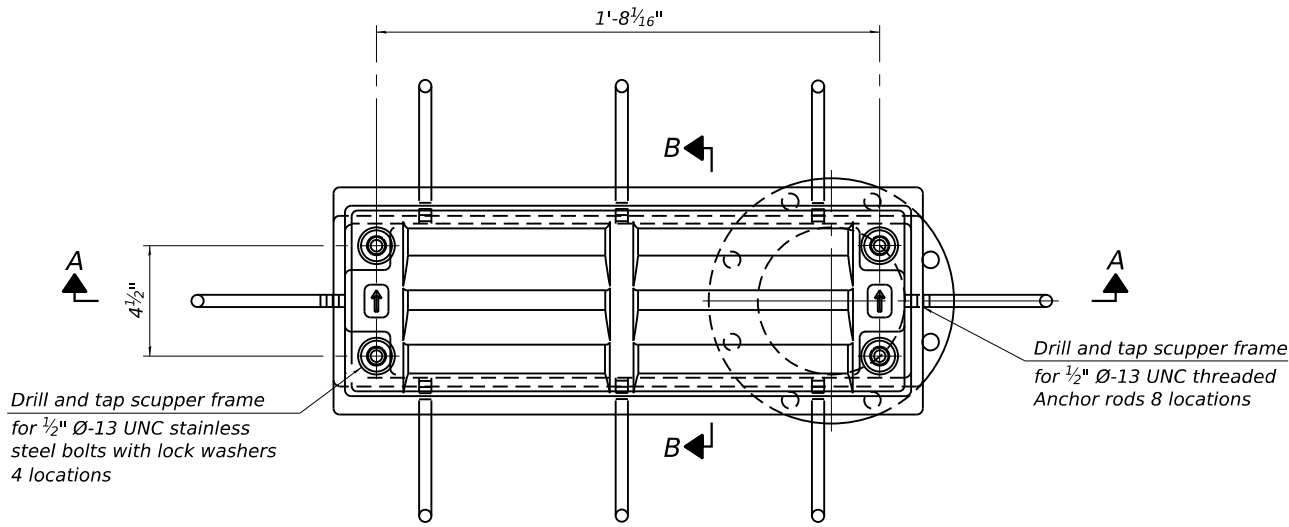


VILLAGE OF SHILOH

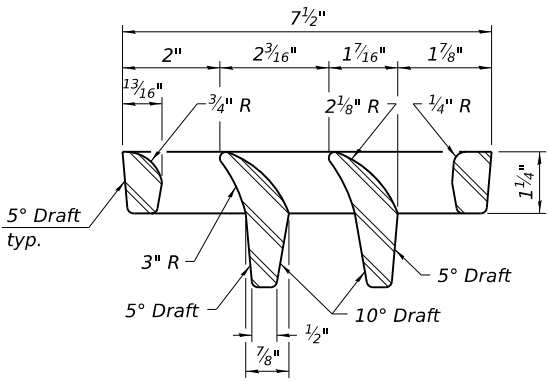
BICYCLE RAILING AND PARAPET RAILING
STRUCTURE NO. 082-3116

SHEET NO. 19 OF 39 SHEETS

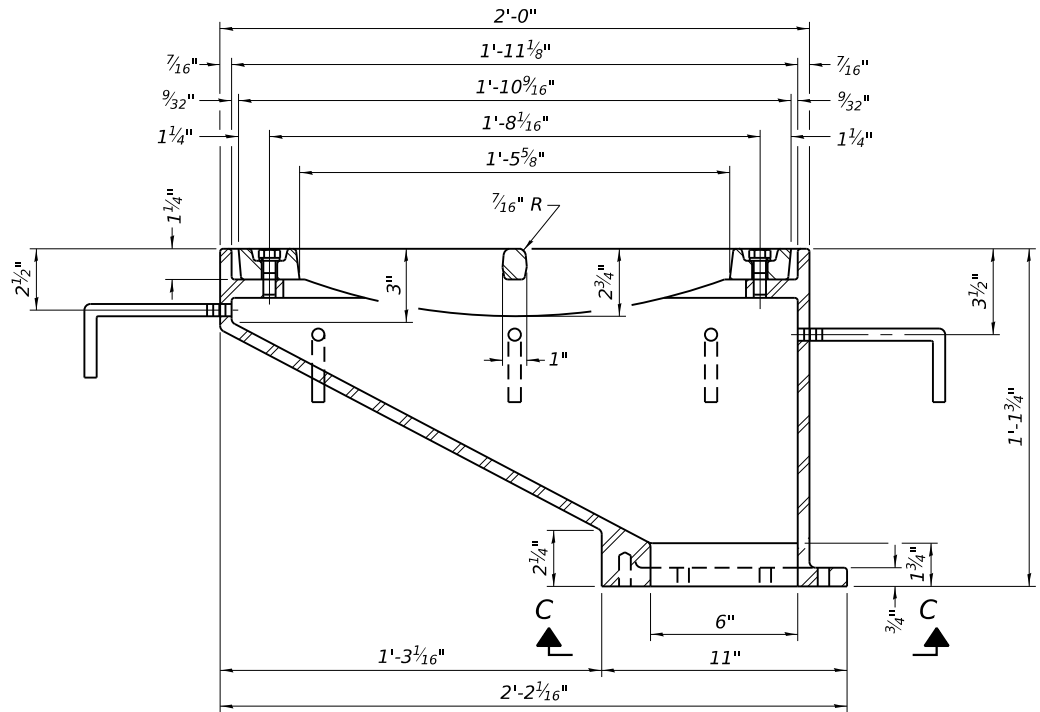
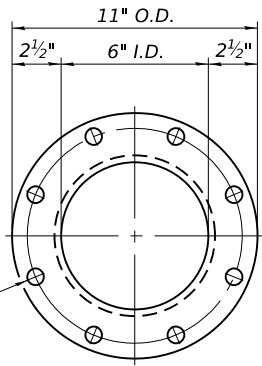
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	148
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



PLAN

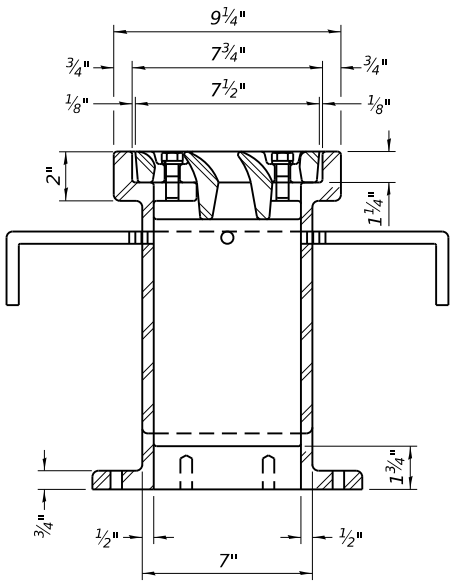


VANE GRATE DETAIL

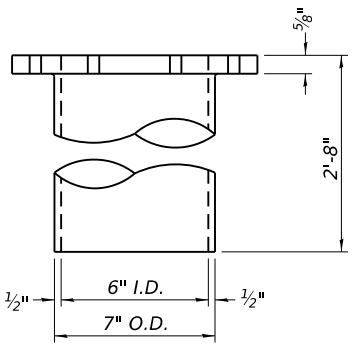


SECTION A-A

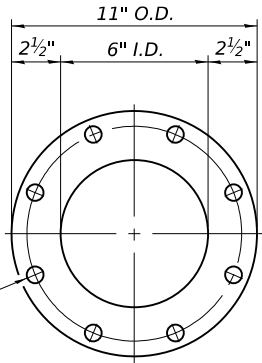
See sheet 12 of 39 for scupper location relative to parapet.



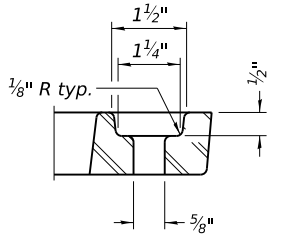
SECTION B-B



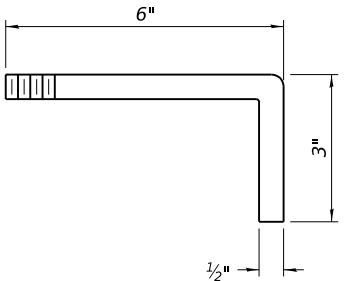
DOWNSPOUT



VIEW C-C



GRATE BOLT HOLE DETAIL



ANCHOR ROD DETAIL

BILL OF MATERIAL

Item	Unit	Quantity
Drainage Scuppers, DS-12	Each	6

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M105, Class 35B and AASHTO M306. Bolts, anchor rods, nuts and washers shall be according to ASTM A307 and shall be galvanized according to AASHTO M232. As an alternate stainless steel may be used. Stainless steel hardware shall be according to Article 1006.29(d) of the Standard Specifications. Structural steel weldments of equal sections and of the same configuration may be substituted for the cast iron scupper frames and downspouts; however, the scupper grates shall remain cast iron. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel scupper frames and downspouts, when utilized, shall be galvanized according to AASHTO M111. As an alternate, fiberglass may be used for downspouts according to ASTM D2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. in lieu of the cast iron or structural steel. Exterior surfaces of downspouts and exterior exposed surfaces of the scupper frame below deck shall be pigmented or painted to match the color of the adjacent beam. The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper. Cost of the grate, frame, downspout, anchor rods, nuts and washers including complete installation of the scupper shall be paid for at the contract unit price for Drainage Scuppers, DS-12.

DS-12

4-4-2025



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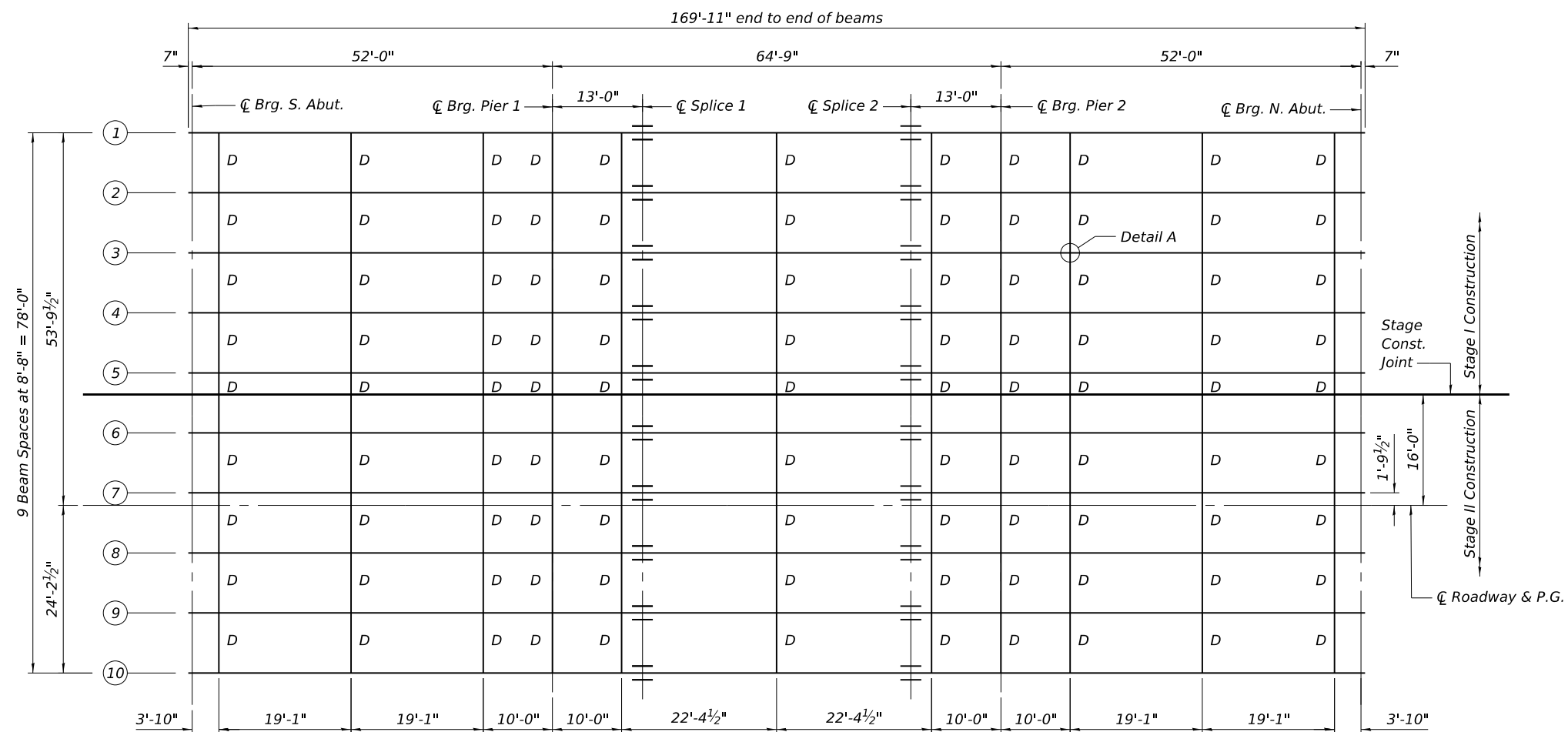


VILLAGE OF SHILOH

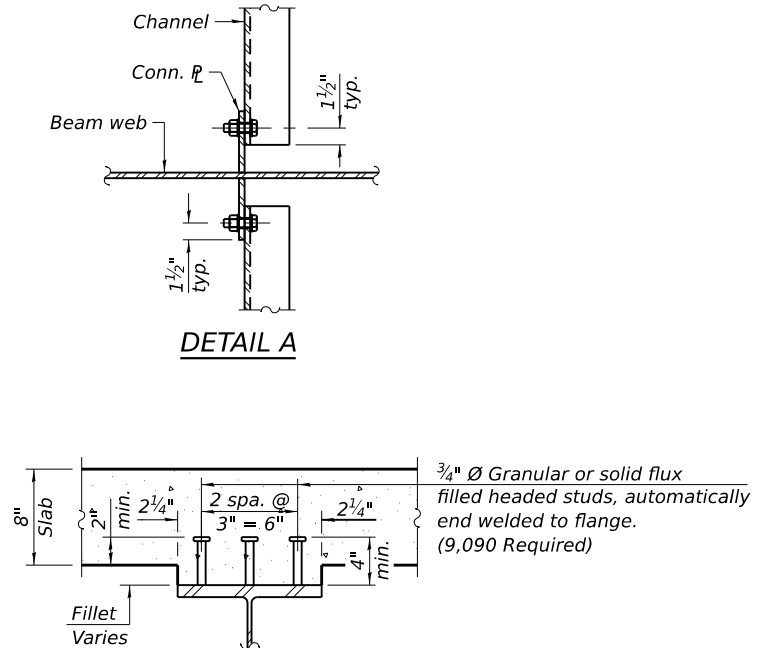
DRAINAGE SCUPPERS, DS-12
STRUCTURE NO. 082-3116

SHEET NO. 20 OF 39 SHEETS

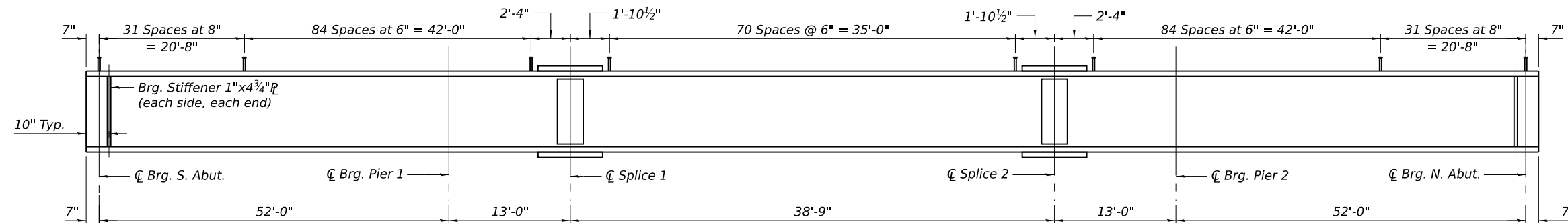
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9170	22-00022-00-PW	ST. CLAIR	200	149
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



Notes:
Load carrying components designated "CVN" shall conform to the Charpy-V Notch Impact Energy Requirement, Zone 2.
All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor bolts.
See Sheets 22 & 23 of 39 for additional notes and details.



SECTION A-A

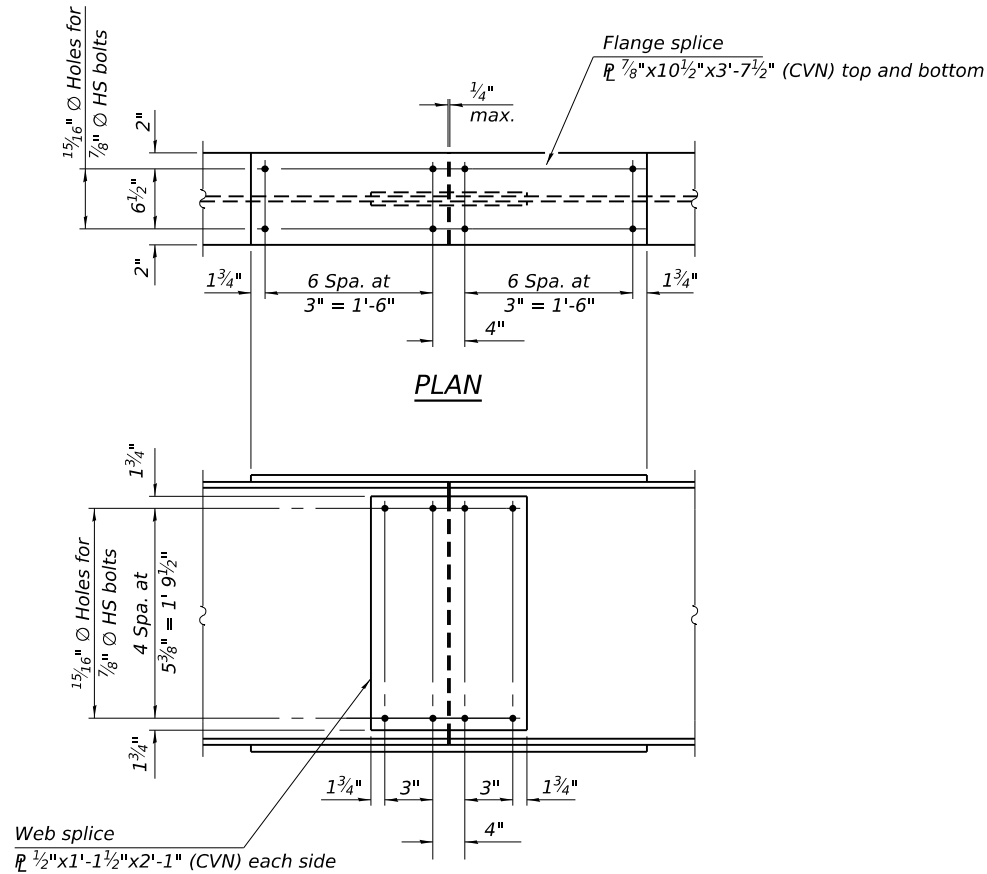


*TOP OF BEAM ELEVATIONS

	€ Brg. S. Abut.	€ Brg. Pier 1	Splice 1	Splice 2	€ Brg. Pier 2	€ Brg. N. Abut.
Beam 1	533.44	533.76	533.85	533.87	533.81	533.55
Beam 2	533.59	533.92	534.00	534.03	533.96	533.71
Beam 3	533.76	534.09	534.17	534.20	534.14	533.88
Beam 4	533.93	534.26	534.35	534.37	534.31	534.05
Beam 5	534.11	534.44	534.52	534.55	534.48	534.23
Beam 6	534.28	534.60	534.69	534.71	534.65	534.39
Beam 7	534.41	534.73	534.82	534.84	534.78	534.52
Beam 8	534.33	534.66	534.74	534.77	534.70	534.45
Beam 9	534.18	534.51	534.59	534.62	534.55	534.30
Beam 10	534.01	534.33	534.42	534.45	534.38	534.12

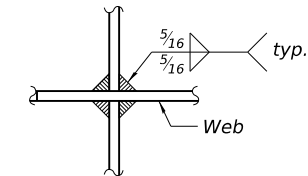
* For Fabrication Only

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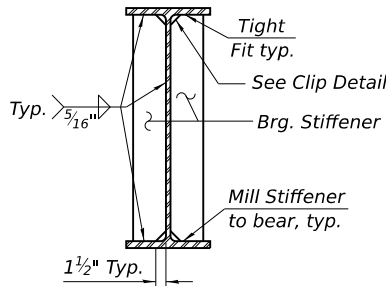


ELEVATION

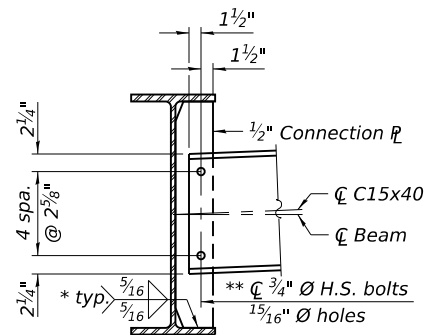
SPLICE DETAIL
(20 Required)



WEB WELD DETAIL



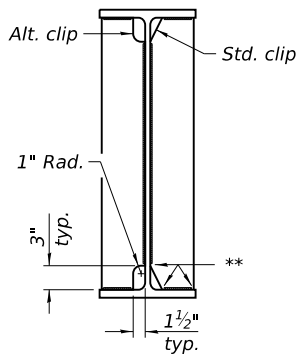
BEARING STIFFENER AT ABUTMENTS DETAIL



INTERIOR DIAPHRAGM D
(99 Required)

* 3 sides of each stiffener and/or connection

** Install only one 7/8" Ø H.S. bolt in center-most hole above C of beam at each end of the stage line diaphragm. The bolts shall be finger-tightened prior to deck pour to permit rotation. Install 3/4" Ø H.S. bolts and fully tighten immediately after Stage II deck pour is complete.



WELD LIMITS AND CLIP DETAILS

** Stop welds 3/4" (±1/8") from edges as shown. Typical.

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INTERIOR BEAM MOMENT TABLE				
		0.4 Span 1 or 0.6 Span 3	Pier 1 or Pier 2	0.5 Sp. 2
I_s	(in ⁴)	4470	4470	4470
$I_c(n)$	(in ⁴)	14423	14423	14423
$I_c(3n)$	(in ⁴)	11189	11189	11189
$I_c(cr)$	(in ⁴)	-	7096	-
S_s	(in ³)	299	299	299
$S_c(n)$	(in ³)	479	479	479
$S_c(3n)$	(in ³)	439	439	439
$S_c(cr)$	(in ³)	-	370	-
S_x	(in ³)	442	346	443
DC1	(k/')	1.007	1.007	1.007
M_{DC1}	('k)	189	344	183
DC2	(k/')	0.200	0.200	0.200
M_{DC2}	('k)	37	69	36
DW	(k/')	0.408	0.408	0.408
M_{DW}	('k)	75	140	72
LLDF		0.674	0.654	0.636
M_{LL+im}	('k)	610	531	594
f_t (Strength I)	(ksi)	-	-	-
$M_u + \frac{1}{3}f_t S_x$	('k)	1463	1656	1421
$\phi_t M_n$	('k)	2392	1844	2399
$f_s DC1$	(ksi)	7.59	13.81	7.34
$f_s DC2$	(ksi)	1.01	1.89	0.98
$f_s DW$	(ksi)	2.05	3.83	1.97
$f_s (LL+IM)$	(ksi)	15.27	13.29	14.87
f_t (Service II)	(ksi)	-	-	-
$f_s + \frac{f_t}{2}$ (Service II)	(ksi)	30.50	36.80	29.63
Service II Resistance	(ksi)	47.50	47.50	47.50
$f_s + \frac{f_t}{3}$ (Strength I)	(ksi)	-	-	-
$\phi_t F_n$	(ksi)	-	-	-
Vf	(k)	-	31.5	-

INTERIOR GIRDER DEFLECTION TABLE		
Δ_{ALLOW}	(in.)	0.78
$\Delta_{\ell + IM}$	(in.)	0.38

Δ_{ALLOW} : Maximum allowable Service I live load plus impact deflection according to AASHTO LRFD Bridge Design Specifications 9.5.2
 $\Delta_{\ell + IM}$: Calculated value Service I live load plus impact deflection.

GIRDER REACTION TABLE					
	S. Abut	Pier 1	Pier 2	N. Abut	
LLDF	0.861	0.861	0.861	0.861	
OCF	1.000	-	-	1.000	
R_{DC1}	(k) 20.5	65.4	65.4	20.5	
R_{DC2}	(k) 3.9	13.0	13.0	3.9	
R_{DW}	(k) 7.8	26.3	26.3	7.8	
R_{LL}	(k) 61.6	97.3	97.3	61.6	
R_{IM}	(k) 16.0	19.5	19.5	16.0	
R_{Total} (Strength I)(Impact)	(k) 178.0	341.9	341.9	178.0	
R_{Total} (Strength I)(No Impact)	(k) 150.0	307.7	307.7	150.0	

I_s , S_s : Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total-Strength I, and Service II) due to non-composite dead loads (in.⁴ and in.³).

$I_c(n)$, $S_c(n)$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections due to short-term composite live loads (in.⁴ and in.³).

$I_c(3n)$, $S_c(3n)$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads (in.⁴ and in.³).

$I_c(cr)$, $S_c(cr)$: Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing f_s (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads (in.⁴ and in.³).

S_x : Section modulus about the major axis of a section to the controlling flange, tension or compression, taken as yield moment with respect to the controlling flange over the yield strength of the controlling flange (in.³).

DC1: Un-factored non-composite dead load (kips/ft.).

M_{DC1} : Un-factored moment due to non-composite dead load (kip-ft.).

DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).

M_{DC2} : Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).

DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).

M_{DW} : Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).

LLDF: Live Load Distribution Factor for moment and shear computed according to Article 4.6.2.2 and further IDOT provisions.

$M_{\ell + IM}$: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).

M_u : Strength I load combination of factored design moments (kip-ft.).
1.25 ($M_{DC1} + M_{DC2}$) + 1.5 M_{DW} + 1.75 $M_{\ell + IM}$

f_t : Factored calculated flange lateral bending stress as calculated using Article 6.10.1.6 and as further simplified by IDOT provisions (ksi).

$\phi_t M_n$: Factored nominal flexural resistance of the section determined as specified in Article 6.10.7.1 or A6 as applicable (kip-ft.).

$f_s DC1$: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
 M_{DC1} / S_s

$f_s DC2$: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
 $M_{DC2} / S_c(3n)$ or $M_{DC2} / S_c(cr)$ as applicable.

$f_s DW$: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
 $M_{DW} / S_c(3n)$ or $M_{DW} / S_c(cr)$ as applicable.

$f_s (\ell + IM)$: Un-factored stress at edge of flange for controlling steel flange due to vertical composite live load plus impact loads as calculated below (ksi).
 $M_{\ell + IM} / S_c(n)$ or $M_{\ell + IM} / S_c(cr)$ as applicable.

$f_s + f_t / 2$ (Service II): Sum of stresses as computed below (ksi).
 $f_s DC1 + f_s DC2 + f_s DW + 1.3 f_s (\ell + IM) + f_t / 2$

Service II Resistance: Composite (0.95 $R_h F_y$) or noncomposite (0.80 $R_h F_y$) stress capacity according to Article 6.10.4.2 (ksi).

$f_s + f_t / 3$ (Strength I): Sum of stresses as computed below on non-compact sections (ksi).
1.25 ($f_s DC1 + f_s DC2$) + 1.5 $f_s DW + 1.75 f_s (\ell + IM) + f_t / 3$

$\phi_t F_n$: Factored nominal flexural resistance of the section as specified in Article 6.10.7.2 or 6.10.8 as applicable (ksi).

V_f : Maximum factored shear range in span computed according to Article 6.10.10.

OCF: Obtuse Correction Factor according to Article 4.6.2.2.3c or as further simplified by IDOT provisions.

R_{DC1} : Un-factored reaction due to non-composite dead load (kip).

R_{DC2} : Un-factored reaction due to long-term composite (superimposed excluding future wearing surface) dead load (kip).

R_{DW} : Un-factored reaction due to long-term composite (superimposed future wearing surface only) dead load (kip).

R_{ℓ} : Un-factored live load reaction (kip).

R_{IM} : Un-factored dynamic load allowance (impact) (kip).

R_{Total} (Strength I)(Impact): Strength I load combination of factored design reactions (kip).
1.25 ($R_{DC1} + R_{DC2}$) + 1.5 R_{DW} + 1.75 ($R_{\ell} + R_{IM}$)

R_{Total} (Strength I)(No Impact): Strength I load combination of factored design reactions, not including dynamic load allowance (Impact) (kip).
1.25 ($R_{DC1} + R_{DC2}$) + 1.5 R_{DW} + 1.75 (R_{ℓ})



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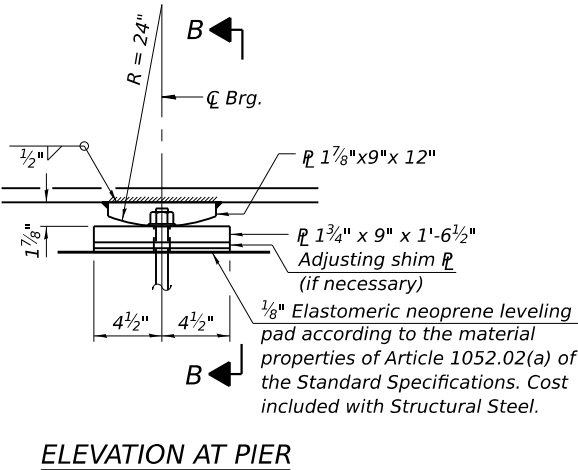
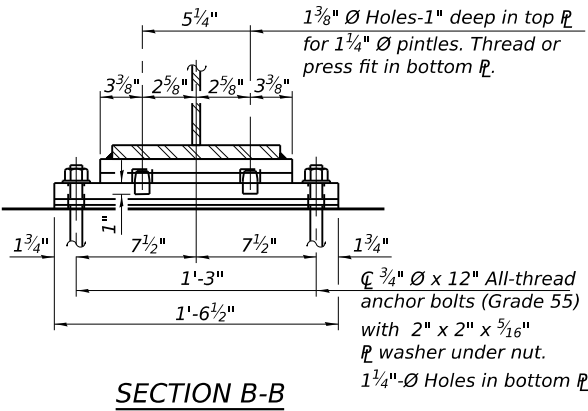
VILLAGE OF SHILOH

STRUCTURAL STEEL DETAILS
STRUCTURE NO. 082-3116

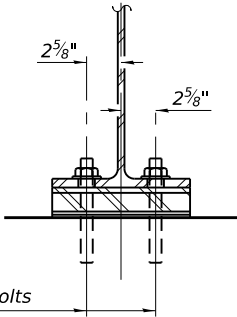
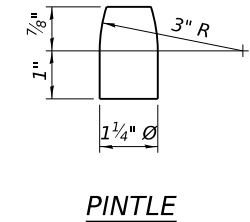
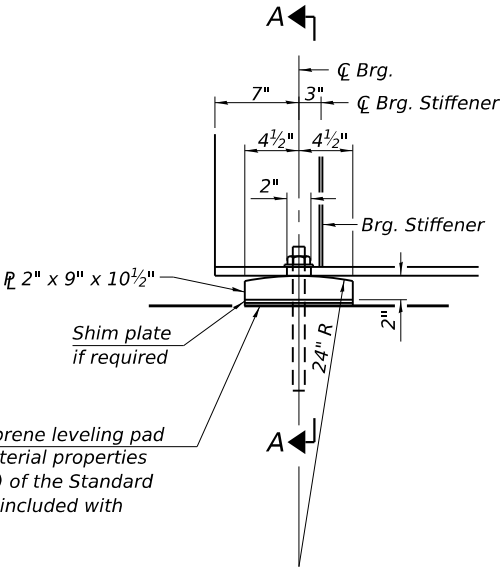
SHEET NO. 23 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	152
CONTRACT NO. 97892				
		ILLINOIS	FED. AID PROJECT	

Notes:
Anchor bolts at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.
The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M270 Grade 50.
The anchor bolt sizes and grades shown constitute a calculated seismic structural fuse. Substitution of higher diameter and/or grade anchor bolts will not be allowed.
Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.



FIXED BEARING AT PIER
(20 Required)



1/8" Elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications. Cost included with Structural Steel.

1" x 12" All-thread anchor bolts (Grade 55) with 2 1/4" x 2 1/4" x 5/16" flange washer under nut. 1 3/8" x 2" slotted hole in flange. 1 1/2" diameter holes in bearing plate.

ELEVATION AT ABUTMENT

SECTION A-A

FIXED BEARING AT ABUTMENT
(20 Required)

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 1"	Each	40
Anchor Bolts, 3/4"	Each	40

MODEL: Default
FILE NAME: P:\2021\1211364\4 CADD - DWG\4.4 Struc\0823116-024-Bearing Details.dgn
10/14/2025 9:08:04 AM



USER NAME =	jesker	DESIGNED -	TCS	REVISED -	
CHECKED -	BWP	REVIS		REVISED -	
PLOT SCALE =	0:2,000' = 1"	DRAWN -	TCS	REVISED -	
PLOT DATE =	10/14/2025	CHECKED -	BWP	REVISED -	

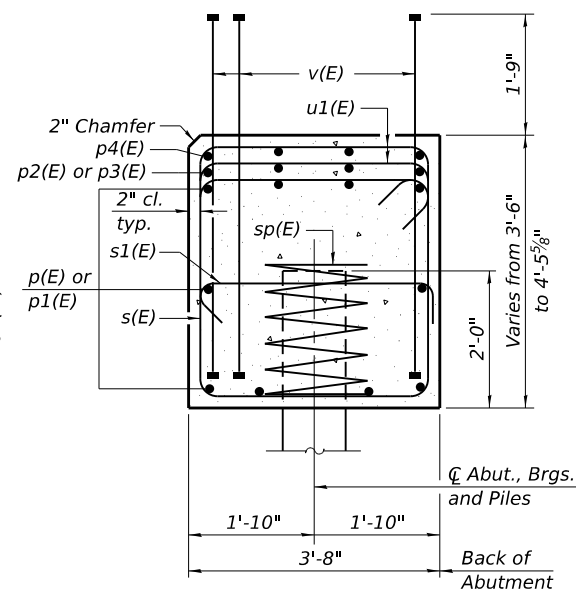


VILLAGE OF SHILOH

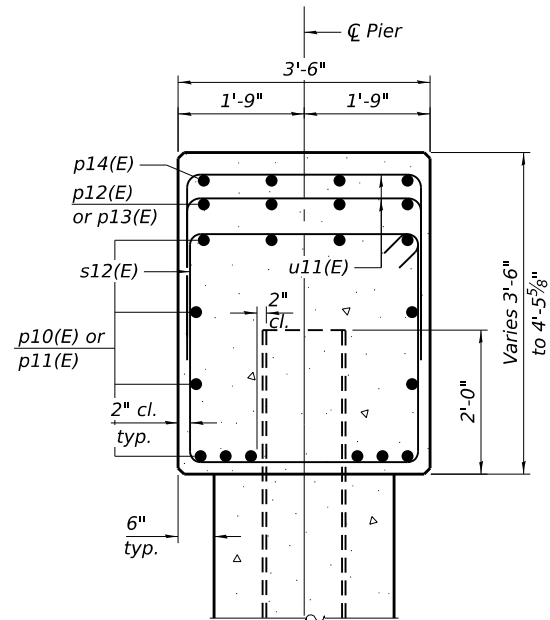
BEARING DETAILS
STRUCTURE NO. 082-3116

SHEET NO. 24 OF 39 SHEETS

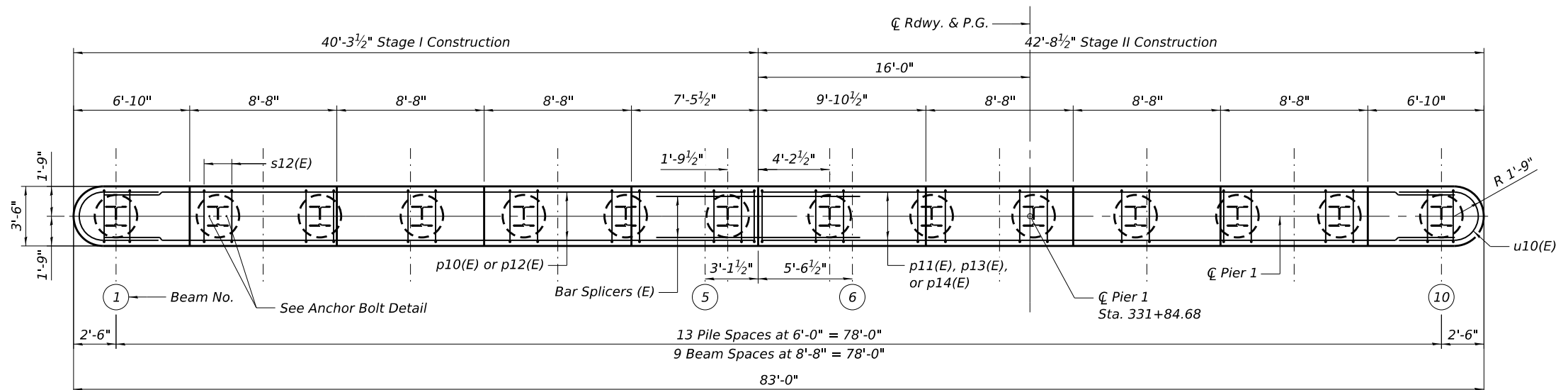
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	153
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



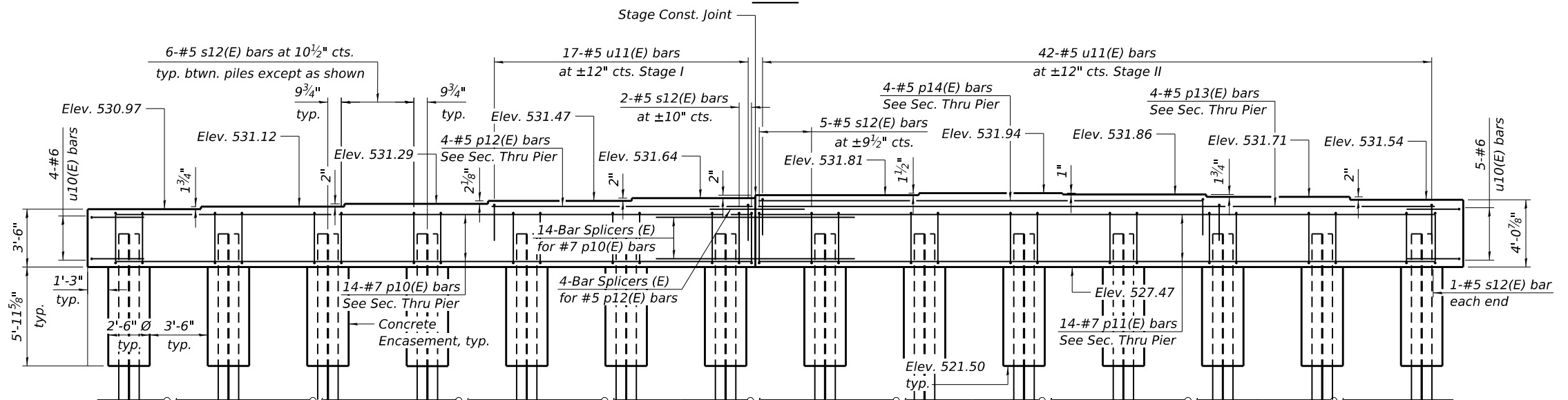
* Length is height of spiral.



SECTION THRU PIER

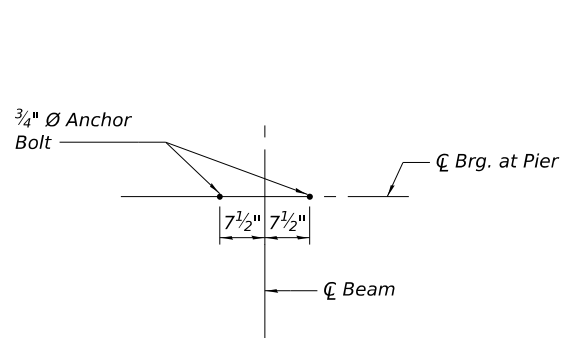


PLAN

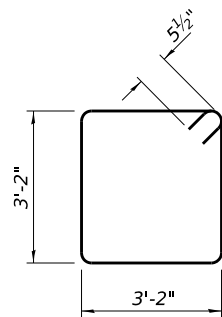


ELEVATION

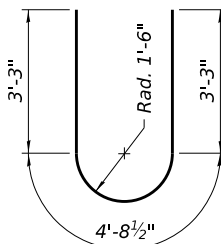
(Looking North)



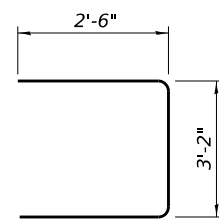
ANCHOR BOLT DETAIL



BAR s12(E)



BAR u10(E)



BAR u11(E)

PILE DATA

Type: HP 14x89
Nominal Required Bearing: 705 kips
Factored Resistance Available: 385 kips
Est. Length: 104 Ft.
No. Production Piles: 14
No. Test Piles: 0

Notes:
Cast steps monolithically with cap.
Space cap reinforcement to miss anchor bolts.
For details of piles and concrete encasement, see sheet 30 of 39
For details of bar splicers, see sheet 31 of 39.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
p10(E)	14	#7	38'-5"	
p11(E)	14	#7	40'-10"	
p12(E)	4	#5	15'-9"	
p13(E)	4	#5	40'-10"	
p14(E)	4	#5	26'-10"	
s12(E)	81	#5	13'-7"	
u10(E)	9	#6	11'-3"	
u11(E)	59	#5	8'-2"	
Concrete Structures			Cu. Yd.	43.5
Concrete Encasement			Cu. Yd.	15.2
Reinforcement Bars, Epoxy Coated			Pound	4,420
Furnishing Steel Piles, HP 14x89			Each	1,456
Driving Piles			Foot	1,456
Pile Shoes			Each	14

MODEL: Default
FILE NAME: P:\2021\121386A\GA0003D\W\GA045\Struc\0820106-021-Pier02 Details.dgn
10/14/2025 9:08:12 AM



USER NAME = jesker
DESIGNED - JBE
CHECKED - BWP
PLOT SCALE = 0.167' / 1".
DRAWN - JMM
PLOT DATE = 10/14/2025
CHECKED - JBE
REVISED -

DESIGNED - JBE
CHECKED - BWP
DRAWN - JMM
PLOT DATE = 10/14/2025
CHECKED - JBE
REVISED -

DESIGNED - JBE
CHECKED - BWP
DRAWN - JMM
PLOT DATE = 10/14/2025
CHECKED - JBE
REVISED -



VILLAGE OF SHILOH

PIER 1
STRUCTURE NO. 082-3116

SHEET NO. 27 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	156
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



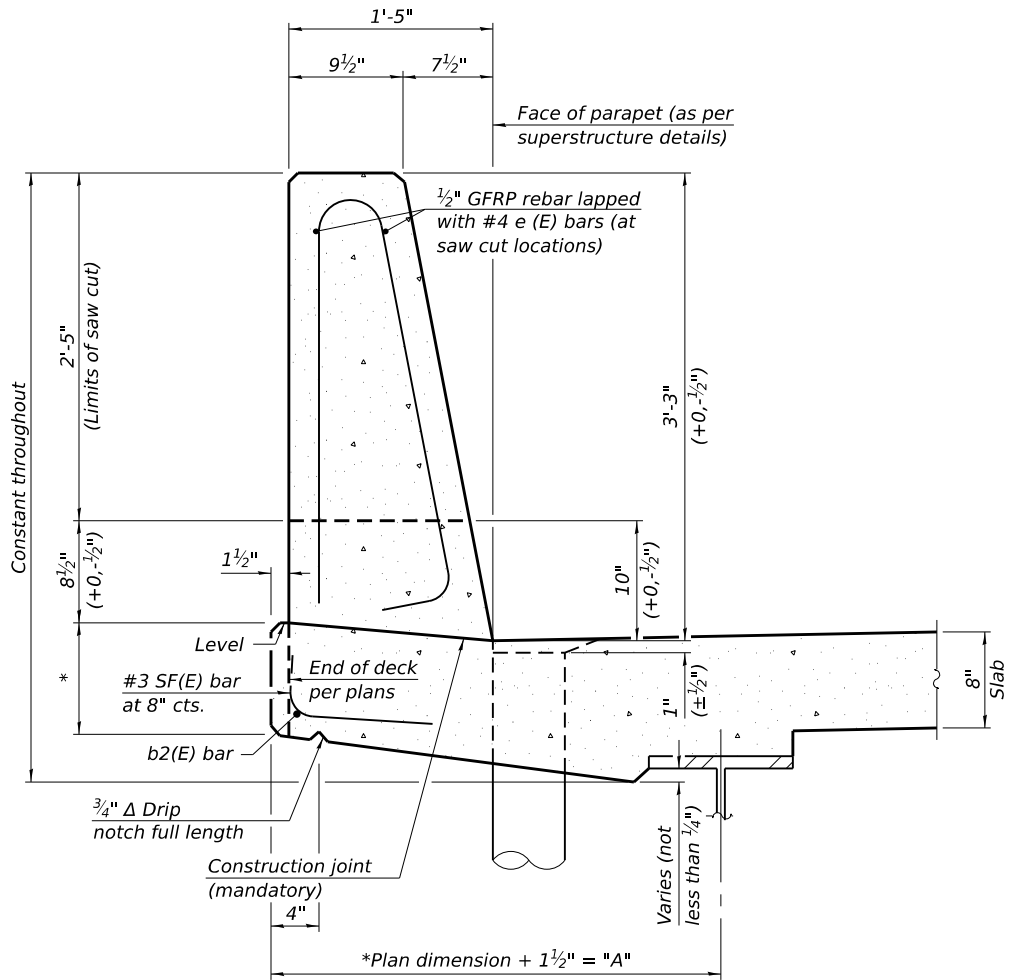
PILE DATA

Notes:
Cast steps monolithically with cap.
Space cap reinforcement to miss anchor bolts.
For details of piles and concrete encasement, see sheet 30 of 39.
See sheet 27 of 39 for additional pier details.
For details of bar splicers, see sheet 31 of 39.

BILL OF MATERIAL

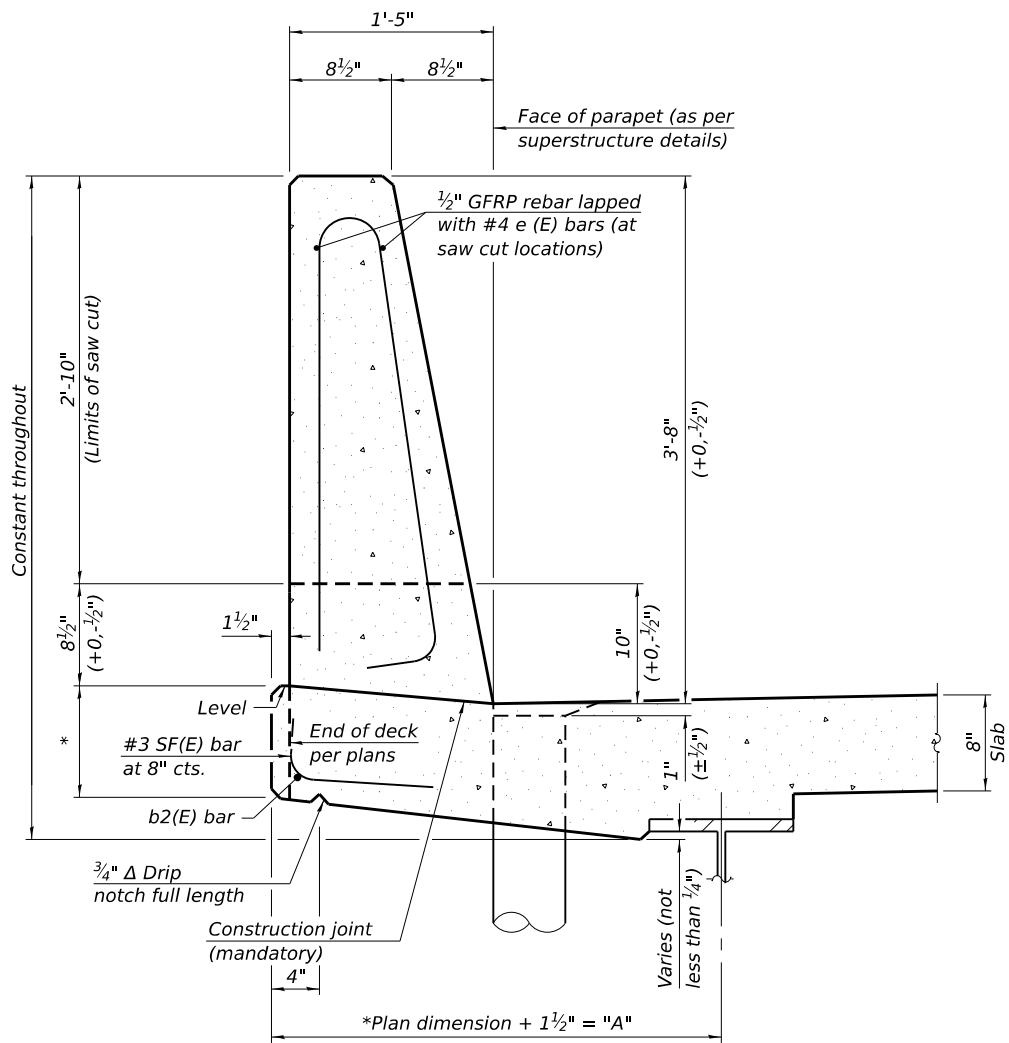
Bar	No.	Size	Length	Shape
p10(E)	14	#7	38'-5"	
p11(E)	14	#7	40'-10"	
p12(E)	4	#5	15'-9"	
p13(E)	4	#5	40'-10"	
p14(E)	4	#5	26'-10"	
s12(E)	81	#5	13'-7"	
u10(E)	9	#6	11'-3"	
u11(E)	59	#5	8'-2"	
Concrete Structures			Cu. Yd.	43.6
Concrete Encasement			Cu. Yd.	17.8
Reinforcement Bars, Epoxy Coated			Pound	4,420
Furnishing Steel Piles, HP 14x89			Each	1,456
Driving Piles			Foot	1,456
Pile Shoes			Each	14

MODEL: Default
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10/14/2025 9:08:17 AM



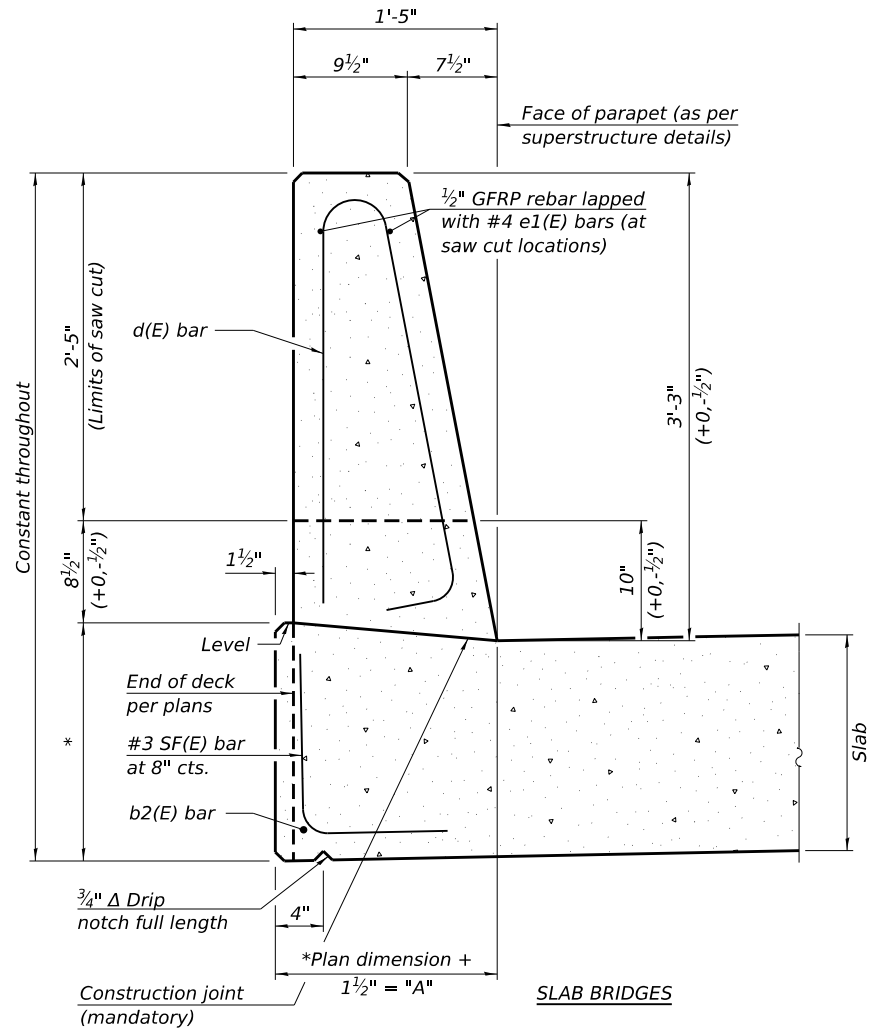
**39" CONSTANT-SLOPE
PARAPET SECTION**

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)



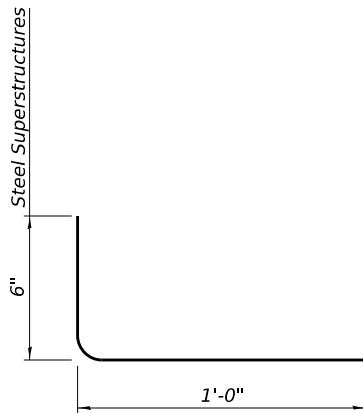
**44" CONSTANT-SLOPE
PARAPET SECTION**

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)

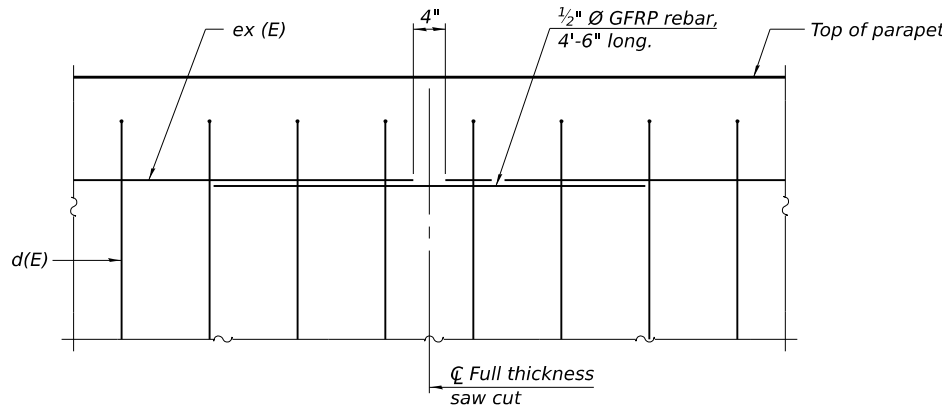


**39" CONSTANT-SLOPE
PARAPET SECTION**

(Showing dimensions, d(E), and 1/2" Ø GFRP rebar)



SF(E) BAR



DETAIL - GFRP REBAR STIFFENING ELEVATION

(Place as shown in parapet section
at each parapet joint location.)

Notes:
All dimensions shall remain the same as shown on superstructure details, except dimension "A" which is to be revised as shown.
Additional concrete needed to revise dimension "A" (39" and 44" parapets):
Steel Superstructures: 0.00348 cu. yds./ft.
Place full depth aluminum sheets as shown on superstructure details.
Replace all cork joint filler locations with a full thickness saw cut.
Steel and slab superstructures shown. Other superstructure types similar.

SFP 39-44

10/27/2023



USER NAME	=	jesker
PLOT SCALE	=	0.167' / In.
PLOT DATE	=	10/14/2025

DESIGNED	-	LAB
CHECKED	-	JBE
DRAWN	-	LAB
CHECKED	-	JBE

REVISED	-
REVISED	-
REVISED	-
REVISED	-

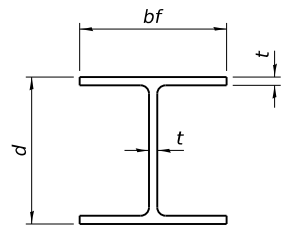


VILLAGE OF SHILOH

CONCRETE PARAPET SLIPFORMING OPTION
STRUCTURE NO. 082-3116

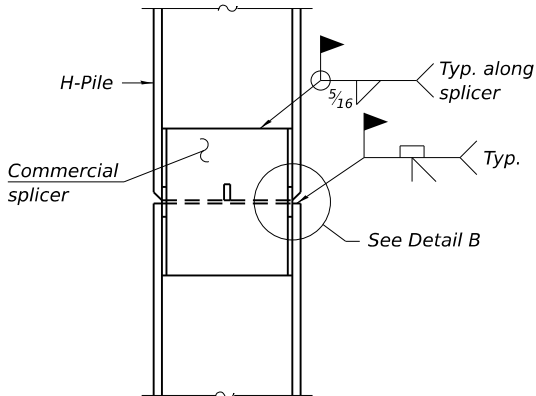
SHEET NO. 29 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	158
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

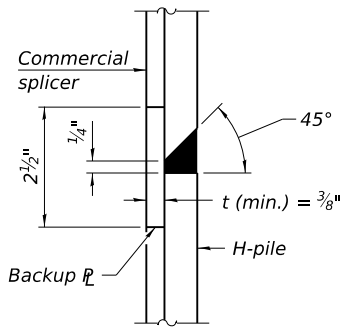


STEEL PILE TABLE

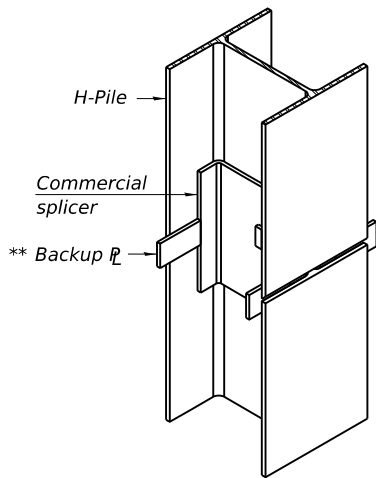
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 18x181	18	18	1	36"
x157	17¾"	17⅞"	⅞"	36"
x135	17½"	17¾"	¾"	36"
HP 16x183	16½"	16½"	1⅛"	36"
x162	16¼"	16⅞"	1"	36"
x141	16	16	⅞"	36"
x121	15¾"	15⅞"	¾"	36"
HP 14x117	14¾"	14⅞"	1⅜"	30"
x102	14	14¾"	1⅜"	30"
x89	13⅞"	14¾"	⅝"	30"
x73	13⅝"	14⅝"	½"	30"
HP 12x84	12¾"	12¼"	1⅜"	24"
x74	12⅞"	12¼"	⅝"	24"
x63	12	12⅜"	½"	24"
x53	11¾"	12	⅞"	24"
HP 10x57	10	10¼"	⅞"	24"
x42	9¾"	10⅞"	⅞"	24"
HP 8x36	8	8⅞"	⅞"	18"



ELEVATION

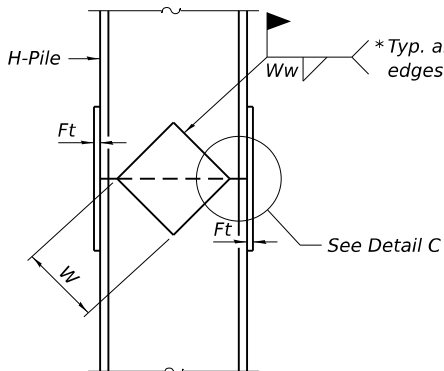


DETAIL B

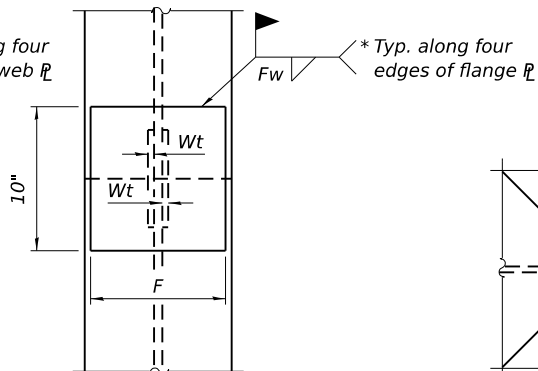


ISOMETRIC VIEW

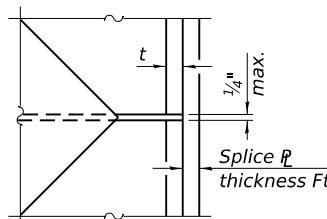
WELDED COMMERCIAL SPLICE



ELEVATION



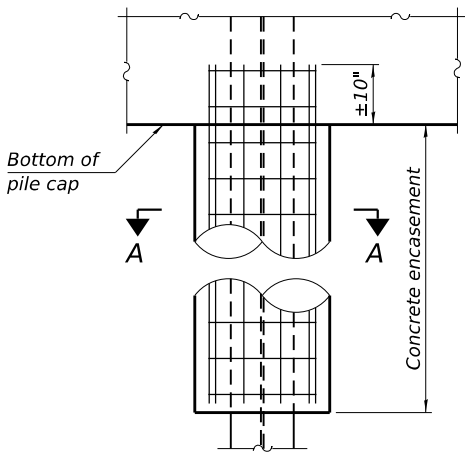
END VIEW



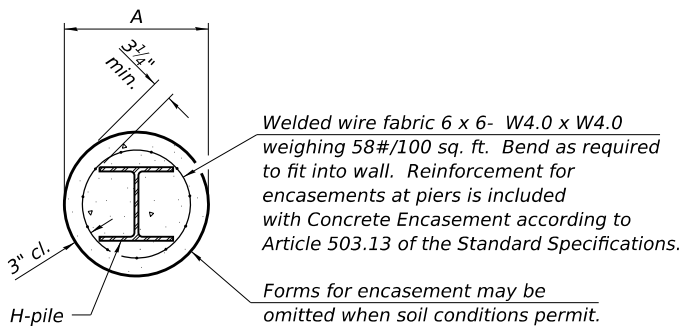
DETAIL C

Designation	F	Ft	Fw	W	Wt	Ww
HP 18x181	15½"	1½"	1"	9½"	⅞"	¾"
x157	15¼"	1¼"	1"	9½"	⅞"	¾"
x135	15¼"	1¼"	1"	9½"	⅞"	¾"
HP 16x183	13¾"	1½"	1"	8¼"	⅞"	¾"
x162	13½"	1½"	1"	8¼"	¾"	⅝"
x141	13½"	1¼"	⅞"	8¼"	¾"	⅝"
x121	13½"	1¼"	⅞"	8¼"	¾"	⅝"
HP 14x117	12½"	1¼"	⅞"	7¾"	⅝"	½"
x102	12½"	1"	¾"	7¾"	⅝"	½"
x89	12½"	⅞"	1⅜"	7¾"	⅝"	½"
x73	12½"	¾"	9/16"	7¾"	⅝"	½"
HP 12x84	10"	1"	1⅜"	6½"	⅝"	½"
x74	10"	⅞"	1⅜"	6½"	⅝"	½"
x63	10"	¾"	½"	6½"	½"	⅜"
x53	10"	¾"	½"	6½"	½"	⅜"
HP 10x57	8"	⅞"	9/16"	5¼"	½"	⅜"
x42	8"	¾"	9/16"	5¼"	½"	⅜"
HP 8x36	6¾"	⅝"	7/16"	4"	½"	⅜"

WELDED PLATE FIELD SPLICE



ELEVATION

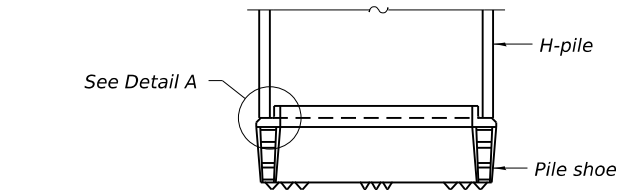


SECTION A-A

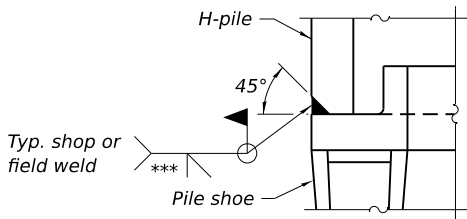
INDIVIDUAL PILE
CONCRETE ENCASEMENT
(when specified)

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds ¼" from end of web and/or each flange.
- ** Remove portions of backup flange's that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).



ELEVATION



DETAIL A

SHOE ATTACHMENT

Note:
The steel H-piles shall be according to
AASHTO M270 Grade 50.

F-HP

4-4-2025



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

USER NAME	=	jesker
PLOT SCALE	=	0.167' / In.
PLOT DATE	=	10/14/2025

DESIGNED	-	HNC
CHECKED	-	JBE
DRAWN	-	HNC
CHECKED	-	JBE

REVISED	-
REVISED	-
REVISED	-
REVISED	-

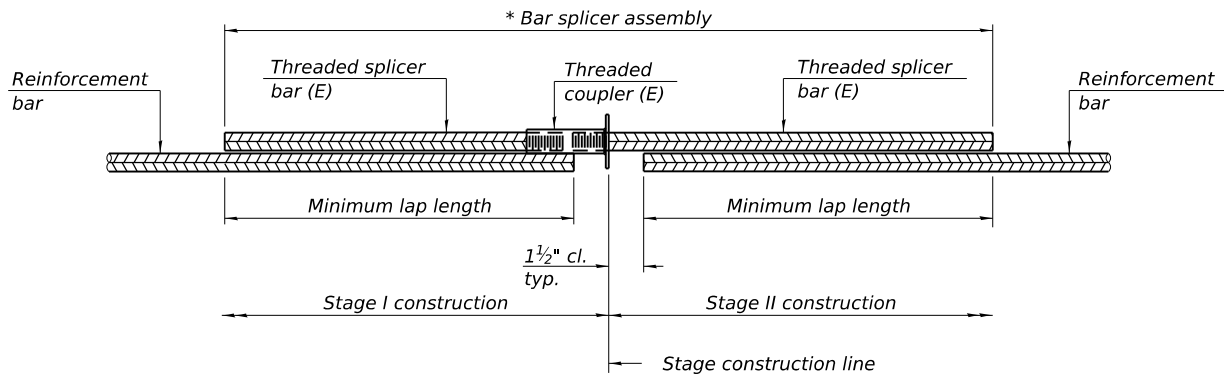


VILLAGE OF SHILOH

HP PILE DETAILS
STRUCTURE NO. 082-3116

SHEET NO. 30 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	159
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



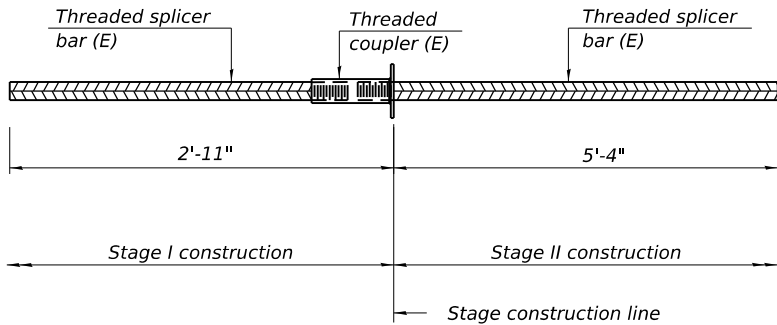
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

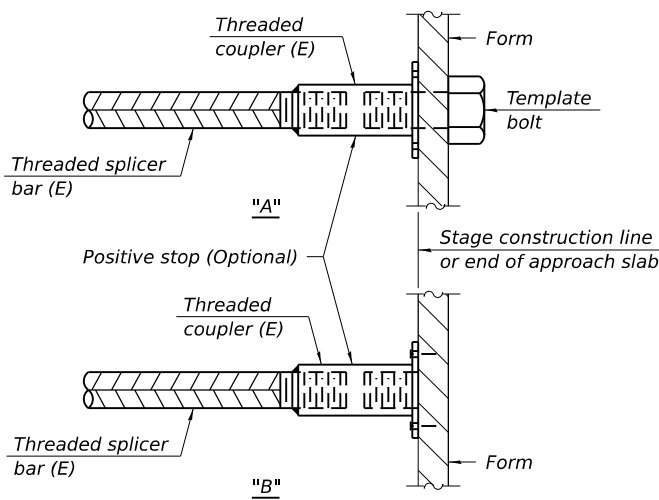
Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Slab Top	#5	400	3'-5"
Slab Bottom	#5	231	3'-10"
Abutment Diaphragm, Back Face	#6	8	3'-0"
Abutment Diaphragm, Front Face	#6	6	See Diaphragm Bar Splicer Detail
Approach Slab Top	#5	92	2'-6"
Approach Slab Bottom	#8	120	5'-2"
Approach Slab Footing	#5	80	2'-1"
Abutment Caps	#7	20	4'-1"
Abutment Cap Steps	#5	8	2'-9"
Pier Caps	#7	28	6'-0"
Pier Cap Steps	#5	8	2'-9"



DIAPHRAGM BAR SPLICER DETAIL

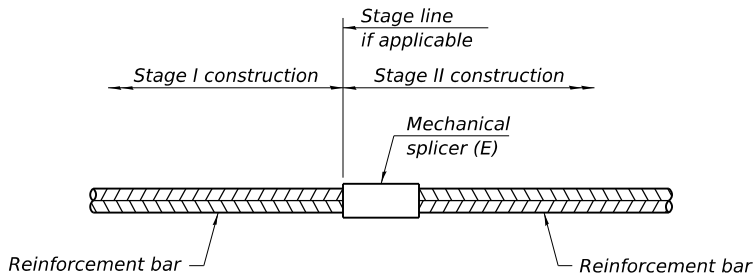


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

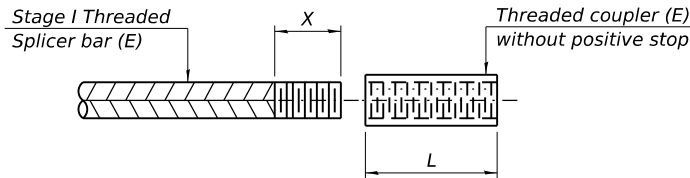
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



THREADING OF ASSEMBLIES

The threaded length "X" shall be no more than L/2. The bar should be tightened until 0-1 thread(s) is/are exposed.

Notes:

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

4-4-2025



USER NAME	=	jesker	DESIGNED	-	LAB	REVISED	-
			CHECKED	-	JBE	REVISED	-
PLOT SCALE	=	0.167' / In.	DRAWN	-	LAB	REVISED	-
PLOT DATE	=	10/14/2025	CHECKED	-	JBE	REVISED	-



VILLAGE OF SHILOH

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
STRUCTURE NO. 082-3116

SHEET NO. 31 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	160
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



PROJECT North Green Mount Road over Richland Creek
LOCATION Shiloh, Illinois
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
NORTHING 38.567873
STATION 331+06

BORING LOG
BORING NUMBER B-1
SHEET 1 of 6
PROJECT NO. 2022-1571.10
ELEVATION 532±
DATE DRILLED 10/10/2023
EASTING -89.9292
OFFSET 30' LT

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)	
	NUMBER	TYPE	RECOVERY (in/in)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (in)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	RIMAC COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT (w _p)	PLASTICITY INDEX		
3	1	SS	4/18	5 6 7	4" TOPSOIL FILL: Brown, lean clay, trace crushed rock			11								-531
	2	SS	10/18	2 3 3	LEAN CLAY (CL): Brown and gray			22				4.4				-528
	3	SS	16/18	2 2	Becomes brownish-gray			29				0.7				-525
9	4	SS	18/18	2 1 2	Becomes gray			1 26				1.4				-522
	5	ST	22/24		Becomes dark grayish-brown, trace fine sand and gravel		2 28	92		1.0		38	15		-519	
	6	SS	18/18	2 3 3	FAT CLAY (CH): Gray, trace fine to medium sand			25				2.2				-516
15	7	ST	24/24		LEAN CLAY (CL): Grayish-brown			25 97		2.0		39	20			-513
	8	SS	18/18	2 4 2	Becomes brown and gray			25				0.3				

WATER LEVEL:
15.5 NONE OBSERVED WHILE DRILLING
ft HRS AFTER DRILLING
ft DAYS AFTER DRILLING

REMARKS:
1) Percent passing #200 wash sieve = 99.0%
2) Percent passing #200 wash sieve = 93.0%



PROJECT North Green Mount Road over Richland Creek
LOCATION Shiloh, Illinois
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
NORTHING 38.567873
STATION 331+06

BORING LOG
BORING NUMBER B-1
SHEET 2 of 6
PROJECT NO. 2022-1571.10
ELEVATION 532±
DATE DRILLED 10/10/2023
EASTING -89.9292
OFFSET 30' LT

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)																			
	NUMBER	TYPE	RECOVERY (min)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (in)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	RIMAC COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT (%)	PLASTICITY INDEX																				
21	9	SS	18/18	3 4 5	LEAN CLAY (CL): Brown and gray <i>(Continued)</i>			14					1.2			-510																		
24					FAT CLAY (CH): Brownish-gray, some fine to coarse sand												15					2.3			-507									
27																																		
30					Becomes gray, some fine to coarse sand, trace fine chert gravel																					17					2.0			-504
33																																		
36	11	SS	18/18	5 4 4											-498																			
39	12	SS	18/18	9 10 13	LEAN CLAY (CL): Gray			20					2.5			-495																		

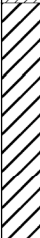
WATER LEVEL:
15.5 NONE OBSERVED WHILE DRILLING
ft HRS AFTER DRILLING
ft DAYS AFTER DRILLING

REMARKS:



PROJECT North Green Mount Road over Richland Creek
LOCATION Shiloh, Illinois
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
NORTHING 38.567873
STATION 331+06

BORING LOG
BORING NUMBER B-1
SHEET 3 of 6
PROJECT NO. 2022-1571.10
ELEVATION 532±
DATE DRILLED 10/10/2023
EASTING -89.9292
OFFSET 30' LT

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS								ELEVATION (ft)
	NUMBER	TYPE	RECOVERY (in/in)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	RIMAC COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT (%)	PLASTICITY INDEX		
42	13	SS	18/18	6	LEAN CLAY (CL): Gray (Continued) Trace fine to medium sand		21					3.3				-489
				7												
				8												
45							21									-486
48							21									-483
51	14	SS	18/18	5	FAT CLAY (CH): Brown and gray, trace fine to medium sand		21					3.6				-480
				6												
54	15	SS	18/18	5			21									-477
				5												
				5												
57																-474
	16	SS	17/18	4			21					4.6				
				5												
				6												

WATER LEVEL:
15.5 NONE OBSERVED WHILE DRILLING
ft HRS AFTER DRILLING
ft DAYS AFTER DRILLING

REMARKS:

MODEL: Default
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10/14/2025 9:08:24 AM



USER NAME = jesker
PLOT SCALE = 0.167' / In.
PLOT DATE = 10/14/2025

DESIGNED - LAB
CHECKED - JBE
DRAWN - LAB
CHECKED - JBE

REVISED -
REVISED -
REVISED -
REVISED -

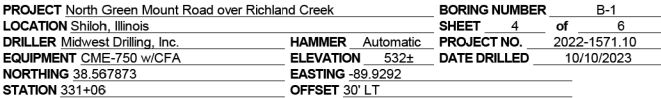


VILLAGE OF SHILOH

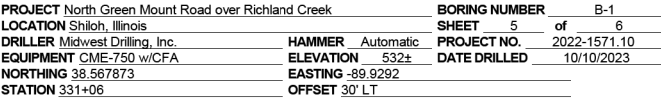
SOIL BORINGS
STRUCTURE NO. 082-3116

SHEET NO. 32 OF 39 SHEETS

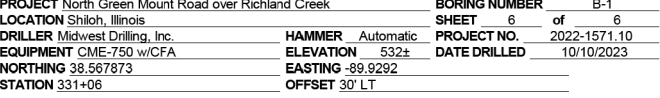
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	161
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



WATER LEVEL: _____ NONE OBSERVED WHILE DRILLING <u> 15.5 </u> ft WHILE DRILLING _____ ft HRS AFTER DRILLING _____ ft DAYS AFTER DRILLING	REMARKS:
---	-------------------------------------



WATER LEVEL: _____ NONE OBSERVED WHILE DRILLING _____ 15.5 ft WHILE DRILLING _____ ft _____ HRS AFTER DRILLING _____ ft _____ DAYS AFTER DRILLING	REMARKS: 3) Logger's observation
--	--



WATER LEVEL:	REMARKS:
_____ NONE OBSERVED WHILE DRILLING	
<u> 15.5 </u> ft WHILE DRILLING	
_____ ft HRS AFTER DRILLING	
_____ ft _____ DAYS AFTER DRILLING	





PROJECT North Green Mount Road over Richland Creek
LOCATION Shiloh, Illinois
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
NORTHING 38.568396
STATION 332+97

BORING LOG
BORING NUMBER B-2
SHEET 1 of 5
PROJECT NO. 2022-1571.10
ELEVATION 533±
DATE DRILLED 10/09/2023
HAMMER Automatic
EASTING -89.929064
OFFSET 9' RT

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS								ELEVATION (ft)	
	NUMBER	TYPE	RECOVERY (in/in)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (in)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	RIMAC COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT (%)	PLASTICITY INDEX			
1	SS	6/18		16	2.5" ASPHALTIC CONCRETE FILL: Crushed rock												-531
				25													
				31													
2	SS	17/18		2	FILL: Grayish-brown, lean clay, trace fine to medium sand		23				2.8						-528
				3													
				3													
3	SS	16/18		2	Trace organics		27				3.5						-525
				3													
				3													
4	SS	16/18		2	Becomes brownish-gray with fine sand and organics		27				0.4						-522
				3													
				3													
5	ST	19/24					26	95		1.0		40					-519
6	SS	14/18		2	SILT (ML): Dark brownish-gray, trace fine sand and organics		31				0.2						-516
				2													
				2													
7	ST	22/24			LEAN CLAY (CL): Gray, trace fine to medium sand		33	86		1.2		33					-516
8	SS	18/18		2			28				1.2						
				3													
				2													

WATER LEVEL:
22.0 NONE OBSERVED WHILE DRILLING
ft HRS AFTER DRILLING
ft DAYS AFTER DRILLING

REMARKS:



PROJECT North Green Mount Road over Richland Creek
LOCATION Shiloh, Illinois
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
NORTHING 38.568396
STATION 332+97

BORING LOG
BORING NUMBER B-2
SHEET 2 of 5
PROJECT NO. 2022-1571.10
ELEVATION 533±
DATE DRILLED 10/09/2023
HAMMER Automatic
EASTING -89.929064
OFFSET 9' RT

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS								ELEVATION (ft)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	NUMBER	TYPE	RECOVERY (in/in)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (in)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	RIMAC COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT (%)	PLASTICITY INDEX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
21	9	SS	13/18	3	LEAN CLAY (CL): Gray, trace fine to medium sand (Continued) Some fine to medium sand											-510																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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WATER LEVEL:
22.0 NONE OBSERVED WHILE DRILLING
ft HRS AFTER DRILLING
ft DAYS AFTER DRILLING

REMARKS:



PROJECT North Green Mount Road over Richland Creek
LOCATION Shiloh, Illinois
DRILLER Midwest Drilling, Inc.
EQUIPMENT CME-750 w/CFA
NORTHING 38.568396
STATION 332+97

BORING LOG
BORING NUMBER B-2
SHEET 3 of 5
PROJECT NO. 2022-1571.10
ELEVATION 533±
DATE DRILLED 10/09/2023
HAMMER Automatic
EASTING -89.929064
OFFSET 9' RT

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)		
	NUMBER	TYPE	RECOVERY (mm)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	RIMAC COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX			
42	13	SS	17/18	7	FAT CLAY (CH): Gray, some fine to medium sand, trace fine chert gravel (Continued) LEAN CLAY (CL): Gray, trace fine to medium sand											-492	
				8													
45				8													-489
48																	-486
14	SS	16/18	7	10				20				6.1					-483
				12													
51																	-480
54																	-480
57	15	SS	18/18	3	FAT CLAY (CH): Gray, some fine to coarse sand, trace fine chert gravel												-477
				4													
15				5				22					3.1				-474

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TWM, INC.

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ENGINEERING & GEOSPATIAL SERVICES

IL DESIGN FIRM

LICENSE NO: 184-001220

USER NAME = jesker

DESIGNED - LAB

CHECKED - JBE

REVIS

PLOT SCALE = 0.167' / In.

DRAWN - LAB

CHECKED - JBE

REVIS

PLOT DATE = 10/14/2025

CHECKED - JBE

REVIS



VILLAGE OF SHILOH

SOIL BORINGS
STRUCTURE NO. 082-3116

SHEET NO. 35 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	164
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



PROJECT North Green Mount Road over Richland Creek

LOCATION Shiloh, Illinois

DRILLER Midwest Drilling, Inc.

EQUIPMENT CME-750 w/CFA

NORTHING 38.568396

STATION 332+97

HAMMER Automatic

ELEVATION 533±

EASTING -89.929064

OFFSET 9' RT

BORING NUMBER B-2

SHEET 4 of 5

PROJECT NO. 2022-1571.10

DATE DRILLED 10/09/2023

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS								ELEVATION (ft)		
	NUMBER	TYPE	RECOVERY (min)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	RIMAC COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX				
63					FAT CLAY (CH): Gray, some fine to coarse sand, trace fine chert gravel (Continued)												-471	
66																		-468
69	16	SS	18/18	5 6 8	Becomes brown		19					3.6						-465
72																		-462
75					LEAN CLAY (CL): Gray, some fine to medium sand												-459	
78	17	SS	15/18	3 5 6			18					1.6						-456

WATER LEVEL:		REMARKS:
22.0	NONE OBSERVED WHILE DRILLING	
ft	ft WHILE DRILLING	
ft	ft HRS AFTER DRILLING	
ft	ft DAYS AFTER DRILLING	



PROJECT North Green Mount Road over Richland Creek

LOCATION Shiloh, Illinois

DRILLER Midwest Drilling, Inc.

EQUIPMENT CME-750 w/CFA

NORTHING 38.568396

STATION 332+97

HAMMER Automatic

ELEVATION 533±

EASTING -89.929064

OFFSET 9' RT

BORING NUMBER B-2

SHEET 5 of 5

PROJECT NO. 2022-1571.10

DATE DRILLED 10/09/2023

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS								ELEVATION (ft)			
	NUMBER	TYPE	RECOVERY (min)	BLOWS (per 6 in)				MOISTURE CONTENT (%)	DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	RIMAC COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX					
81					LEAN CLAY (CL); Gray, some fine to medium sand (Continued)												-450		
84																			-447
87																			-444
90	18	SS	14/18	3 5 6					23					2.5					-441
93																	-438		
96	19	SS	10/18	4 4 4	Boring terminated at 95 feet.												-435		
99																			-432

WATER LEVEL:		REMARKS:
22.0	NONE OBSERVED WHILE DRILLING	
ft	ft WHILE DRILLING	
ft	ft HRS AFTER DRILLING	
ft	ft DAYS AFTER DRILLING	

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TWM, INC.
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ENGINEERING & GEOSPATIAL SERVICES
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	=	jesker
DESIGNED	-	LAB
CHECKED	-	JBE
PLOT SCALE	=	0.167' / In.
DRAWN	-	LAB
PLOT DATE	=	10/14/2025
CHECKED	-	JBE

REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	



VILLAGE OF SHILOH

SOIL BORINGS
STRUCTURE NO. 082-3116

SHEET NO. 36 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	165
CONTRACT NO. 97892				
		ILLINOIS	FED. AID PROJECT	

Approximate Location of Boring B-3:
Station: 331+65.10
Offset: 17' Lt.



BORING LOG

PROJECT FAU 9170 Over Richland Creek
LOCATION St. Clair County, Illinois
DRILLER N/A
EQUIPMENT N/A
HAMMER N/A
ELEVATION 524.2
BORING NUMBER B-3
SHEET 1 of 4
PROJECT NO. 2022-1571.10
DATE DRILLED 10/03/1977

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)
	NUMBER	TYPE	RECOVERY (in/in)	N-VALUE				MOISTURE CONTENT (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	HAND PENETROMETER (pcf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX	
3	1	SS		9	Brown and Gray SILT, damp, soft										522
							20				0.8				
6	2	SS		5	Becomes medium stiff						1.0				519
							25								
9	3	SS		4	Becomes soft						0.8				516
							26								
12	4	SS		3	Brown and Gray, CLAYEY SILT, damp, medium stiff						1.0				513
							33								
15	5	SS		3	Brown and Gray, CLAY TILL, wet, medium stiff						1.4				510
							30								
18	6	SS		5							1.6				507
							27								
	7	SS		9							3.2				
							17								

WATER LEVEL:	REMARKS:
☐ NONE OBSERVED WHILE DRILLING	
☐ ft WHILE DRILLING	
☐ ft HRS AFTER DRILLING	
☐ ft DAYS AFTER DRILLING	



BORING LOG

PROJECT FAU 9170 Over Richland Creek
LOCATION St. Clair County, Illinois
DRILLER N/A
EQUIPMENT N/A
HAMMER N/A
ELEVATION 524.2
BORING NUMBER B-3
SHEET 2 of 4
PROJECT NO. 2022-1571.10
DATE DRILLED 10/03/1977

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)
	NUMBER	TYPE	RECOVERY (in/in)	N-VALUE				MOISTURE CONTENT (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	HAND PENETROMETER (pcf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX	
21	8	SS		10	Brown and Gray, CLAY TILL, wet, medium stiff (Continued)							3.2			504
24	9	SS		13								4.4			501
27	10	SS		13								5.2			498
					Brown and Gray, medium SAND, wet, loose										
30	11	SS		6								NC			495
33	12	SS		15	Becomes medium stiff							NC			492
36	13	SS		33	Gray CLAY TILL, damp, hard							9.0			489
39	14	SS		15								6.6			486
					Brown and Gray, SILTY TILL, very, stiff										
	15	SS		35								7.0			
					Brown and Gray, CLAYEY TILL, damp, hard										

WATER LEVEL:	REMARKS:
☐ NONE OBSERVED WHILE DRILLING	
☐ ft WHILE DRILLING	
☐ ft HRS AFTER DRILLING	
☐ ft DAYS AFTER DRILLING	

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10/14/2025 9:08:39 AM



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ENGINEERING & GEOSPATIAL SERVICES
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	=	jesker	DESIGNED	-	LAB	REVISED	-
CHECKED	-	JBE	REVISED	-			
PLOT SCALE	=	0.167" / In.	DRAWN	-	LAB	REVISED	-
PLOT DATE	=	10/14/2025	CHECKED	-	JBE	REVISED	-



VILLAGE OF SHILOH

SOIL BORINGS
STRUCTURE NO. 082-3116

SHEET NO. 37 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	166
CONTRACT NO. 97892				
ILLINOIS			FED. AID PROJECT	

Approximate Location of Boring B-3:
Station: 331+65.10
Offset: 17' Lt.



PROJECT FAU 9170 Over Richland Creek
LOCATION St. Clair County, Illinois
DRILLER N/A
EQUIPMENT N/A
HAMMER N/A
ELEVATION 524.2
BORING NUMBER B-3
SHEET 3 of 4
PROJECT NO. 2022-1571.10
DATE DRILLED 10/03/1977

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)
	NUMBER	TYPE	RECOVERY (min)	N-VALUE				MOISTURE CONTENT (%)	WET DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX		
42	16	SS		21	Brown and Gray, <u>CLAYEY TILL</u> , damp, hard (Continued) Becomes very stiff			19			10.4				483
	17	SS		13							2.2				
45								21			5.2				477
	18	SS		19											
48	19	SS		11				18			4.4				474
51	20	SS		9	Becomes stiff			23			3.2				471
54	21	SS		8				21			3.2				468
57	22	SS		10	Becomes very stiff			23			4.0				465
	23	SS		9	Becomes stiff			25			2.6				

WATER LEVEL:	REMARKS:
☐ NONE OBSERVED WHILE DRILLING	
☐ ft WHILE DRILLING	
☐ ft HRS AFTER DRILLING	
☐ ft DAYS AFTER DRILLING	



PROJECT FAU 9170 Over Richland Creek
LOCATION St. Clair County, Illinois
DRILLER N/A
EQUIPMENT N/A
HAMMER N/A
ELEVATION 524.2
BORING NUMBER B-3
SHEET 4 of 4
PROJECT NO. 2022-1571.10
DATE DRILLED 10/03/1977

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS						ELEVATION (ft)	
	NUMBER	TYPE	RECOVERY (in/in)	N-VALUE				MOISTURE CONTENT (%)	WET DENSITY (pcf)	LIQUID LIMIT (%)	PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT		PLASTICITY INDEX
	24	SS		11	Brown and Gray, <u>CLAYEY TILL</u> , damp, hard (Continued) Becomes very stiff			20			4.2				462
63					Boring terminated at 61.5 feet.										459
66															456
69															453
72															450
75															447
78															

WATER LEVEL:	REMARKS:
☐ NONE OBSERVED WHILE DRILLING	
☐ ft WHILE DRILLING	
☐ ft HRS AFTER DRILLING	
☐ ft DAYS AFTER DRILLING	

MODEL: Default
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10/14/2025 9:08:42 AM



TWM, INC.
www.twm-inc.com
ENGINEERING & GEOSPATIAL SERVICES
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	=	jesker
DESIGNED	-	LAB
CHECKED	-	JBE
PLOT SCALE	=	0.167' / In.
DRAWN	-	LAB
PLOT DATE	=	10/14/2025
CHECKED	-	JBE

REVISED	-
REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

SOIL BORINGS
STRUCTURE NO. 082-3116

SHEET NO. 38 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	167
CONTRACT NO. 97892				
		ILLINOIS	FED. AID PROJECT	

Approximate Location of Boring B-4:
Station: 332+47.10
Offset: 7' Rt.



PROJECT FAU 9170 Over Richland Creek
LOCATION St. Clair County, Illinois
DRILLER N/A
EQUIPMENT N/A
HAMMER N/A
ELEVATION 523.8
BORING NUMBER B-4
SHEET 1 of 4
PROJECT NO. 2022-1571.10
DATE DRILLED 10/03/1977

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)
	NUMBER	TYPE	RECOVERY (in/in)	N-VALUE				MOISTURE CONTENT (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	HAND PENETROMETER (pcf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX	
3	1	SS		10	Brown and Gray, SILT, damp, medium										522
							20				1.2				
6	2	SS		6	Brown and Gray, SILTY CLAY, damp, stiff		27				2.0				519
9	3	SS		5	Becomes medium stiff		26				1.8				516
12	4	SS		3	Becomes wet, soft		28				0.8				513
15	5	SS		2	Becomes medium stiff		28				1.4				510
18	6	SS		3			32				1.4				507
					Gray CLAY TILL, wet, medium stiff										
	7	SS		5			21				1.6				504

WATER LEVEL:	
_____	NONE OBSERVED WHILE DRILLING
_____	ft WHILE DRILLING
_____	ft HRS AFTER DRILLING
_____	ft DAYS AFTER DRILLING

REMARKS:	



PROJECT FAU 9170 Over Richland Creek
LOCATION St. Clair County, Illinois
DRILLER N/A
EQUIPMENT N/A
HAMMER N/A
ELEVATION 523.8
BORING NUMBER B-4
SHEET 2 of 4
PROJECT NO. 2022-1571.10
DATE DRILLED 10/03/1977

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)
	NUMBER	TYPE	RECOVERY (in/in)	N-VALUE				MOISTURE CONTENT (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	HAND PENETROMETER (pcf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX	
21	8	SS		9	Gray CLAY TILL, wet, medium stiff (Continued) Becomes damp, stiff										
							17					3.2			
24	9	SS		9											501
							17					3.2			
27	10	SS		9			20					2.6			498
30	11	SS		7			17					2.4			495
33	12	SS		6			18					2.2			492
36	13	SS		5	Becomes medium stiff		18					1.6			
					Brown and Gray, SILTY TILL, damp, stiff										489
39	14	SS		12			27					2.0			
															486
	15	SS		15			25					3.8			

WATER LEVEL:	
_____	NONE OBSERVED WHILE DRILLING
_____	ft WHILE DRILLING
_____	ft HRS AFTER DRILLING
_____	ft DAYS AFTER DRILLING

REMARKS:	

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10/14/2025 9:08:45 AM



TWM, INC.
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ENGINEERING & GEOSPATIAL SERVICES
IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME	=	jesker
DESIGNED	-	LAB
CHECKED	-	JBE
PLOT SCALE	=	0.167' / In.
DRAWN	-	LAB
PLOT DATE	=	10/14/2025
CHECKED	-	JBE

REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	



VILLAGE OF SHILOH

SOIL BORINGS
STRUCTURE NO. 082-3116

SHEET NO. 39 OF 39 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	168
CONTRACT NO. 97892				
		ILLINOIS	FED. AID PROJECT	

Approximate Location of Boring B-4
Station: 332+47.10
Offset: 7' Rt.



PROJECT FAU 9170 Over Richland Creek
LOCATION St. Clair County, Illinois
DRILLER N/A
EQUIPMENT N/A
BORING NUMBER B-4
SHEET 3 of 4
PROJECT NO. 2022-1571.10
DATE DRILLED 10/03/1977
HAMMER N/A
ELEVATION 523.8

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)
	NUMBER	TYPE	RECOVERY (in/in)	N-VALUE				MOISTURE CONTENT (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX	
16	SS		15		Brown and Gray, SILTY TILL, damp, stiff (Continued) Becomes very stiff		21					6.6			483
42					Brown and Gray, CLAYEY TILL, damp, very stiff										
17	SS		7				22					5.2			480
45															
18	SS		9		Becomes very stiff		22					4.6			477
48															
19	SS		7		Becomes stiff		26					3.2			474
51															
20	SS		9				22					3.0			471
54															
21	SS		11				20					3.4			468
57															
22	SS		11				23					3.4			465
23	SS		12		Becomes very stiff		19					4.0			

WATER LEVEL:	
_____	NONE OBSERVED WHILE DRILLING
_____ ft	WHILE DRILLING
_____ ft	HRS AFTER DRILLING
_____ ft	DAYS AFTER DRILLING

REMARKS:	

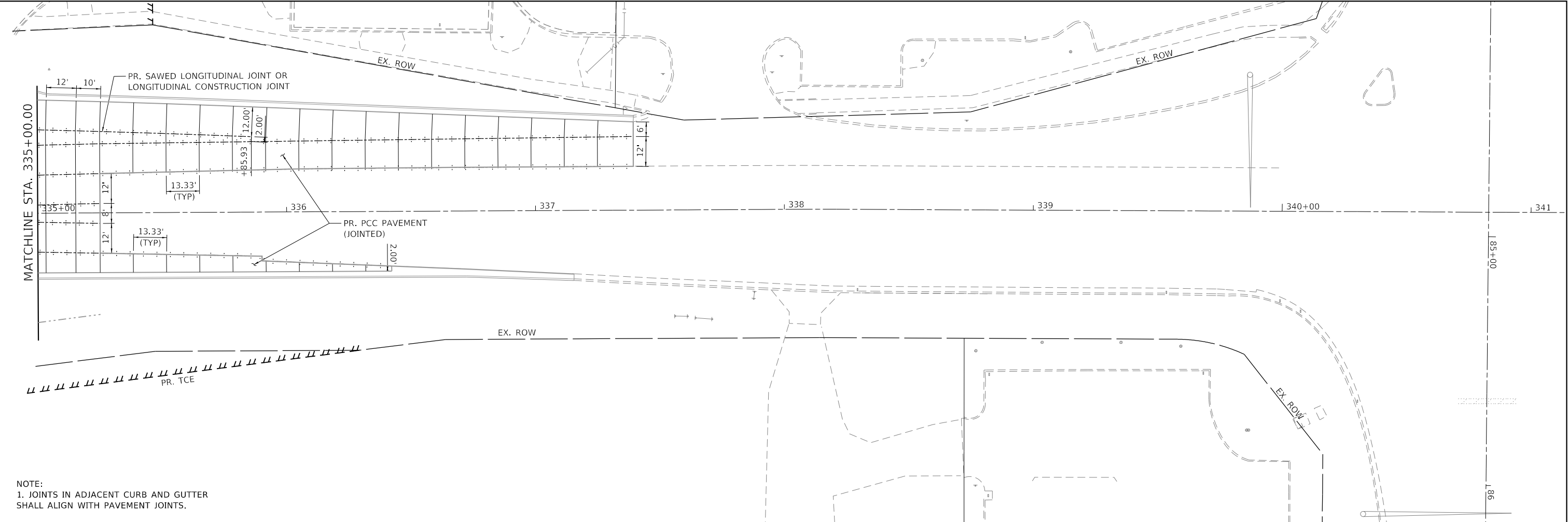


PROJECT FAU 9170 Over Richland Creek
LOCATION St. Clair County, Illinois
DRILLER N/A
EQUIPMENT N/A
BORING NUMBER B-4
SHEET 4 of 4
PROJECT NO. 2022-1571.10
DATE DRILLED 10/03/1977
HAMMER N/A
ELEVATION 523.8

DEPTH (ft)	SAMPLE				DESCRIPTION (UNIFIED SOIL CLASSIFICATION)	GRAPHIC	SEE REMARK NO.	LABORATORY TEST RESULTS							ELEVATION (ft)
	NUMBER	TYPE	RECOVERY (in/in)	N-VALUE				MOISTURE CONTENT (%)	WET DENSITY (pcf)	DRY DENSITY (pcf)	HAND PENETROMETER (ksf)	UNCONFINED COMPRESSIVE STRENGTH (ksf)	LIQUID LIMIT	PLASTICITY INDEX	
24	SS		15		Brown and Gray, CLAYEY TILL, damp, very stiff (Continued) Boring terminated at 61 feet.		19					4.6			462
63															
66															
69															
72															
75															
78															

WATER LEVEL:	
_____	NONE OBSERVED WHILE DRILLING
_____ ft	WHILE DRILLING
_____ ft	HRS AFTER DRILLING
_____ ft	DAYS AFTER DRILLING

REMARKS:	



NOTE:
1. JOINTS IN ADJACENT CURB AND GUTTER
SHALL ALIGN WITH PAVEMENT JOINTS.

MODEL Default
FILE NAME: P:\2021\213136\A4 CADD - DWG\A.7 TranCADD Streets\213136A-shr_join_alan_2.dgn



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LICENSE NO: 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

JOINT PLAN LAYOUT

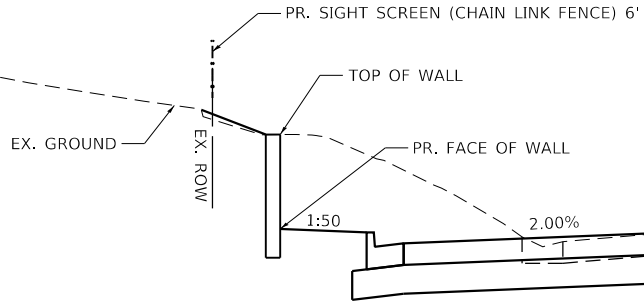
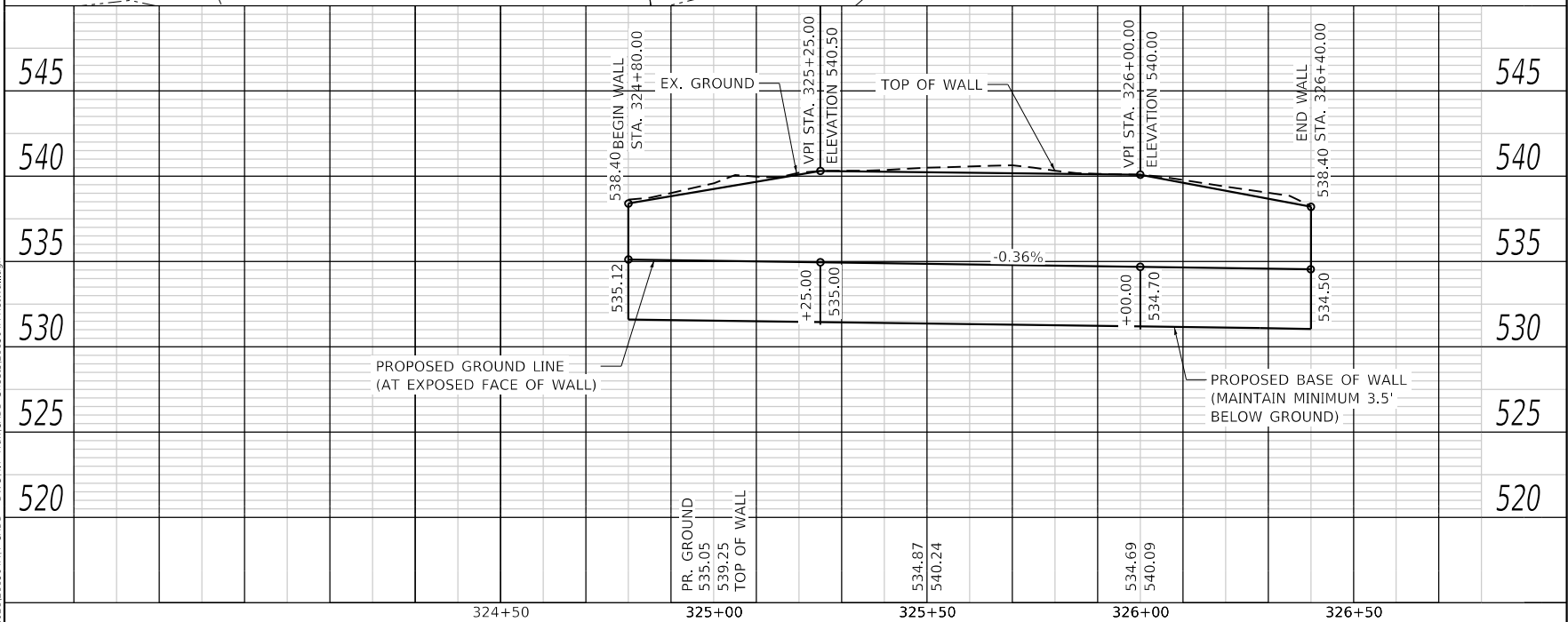
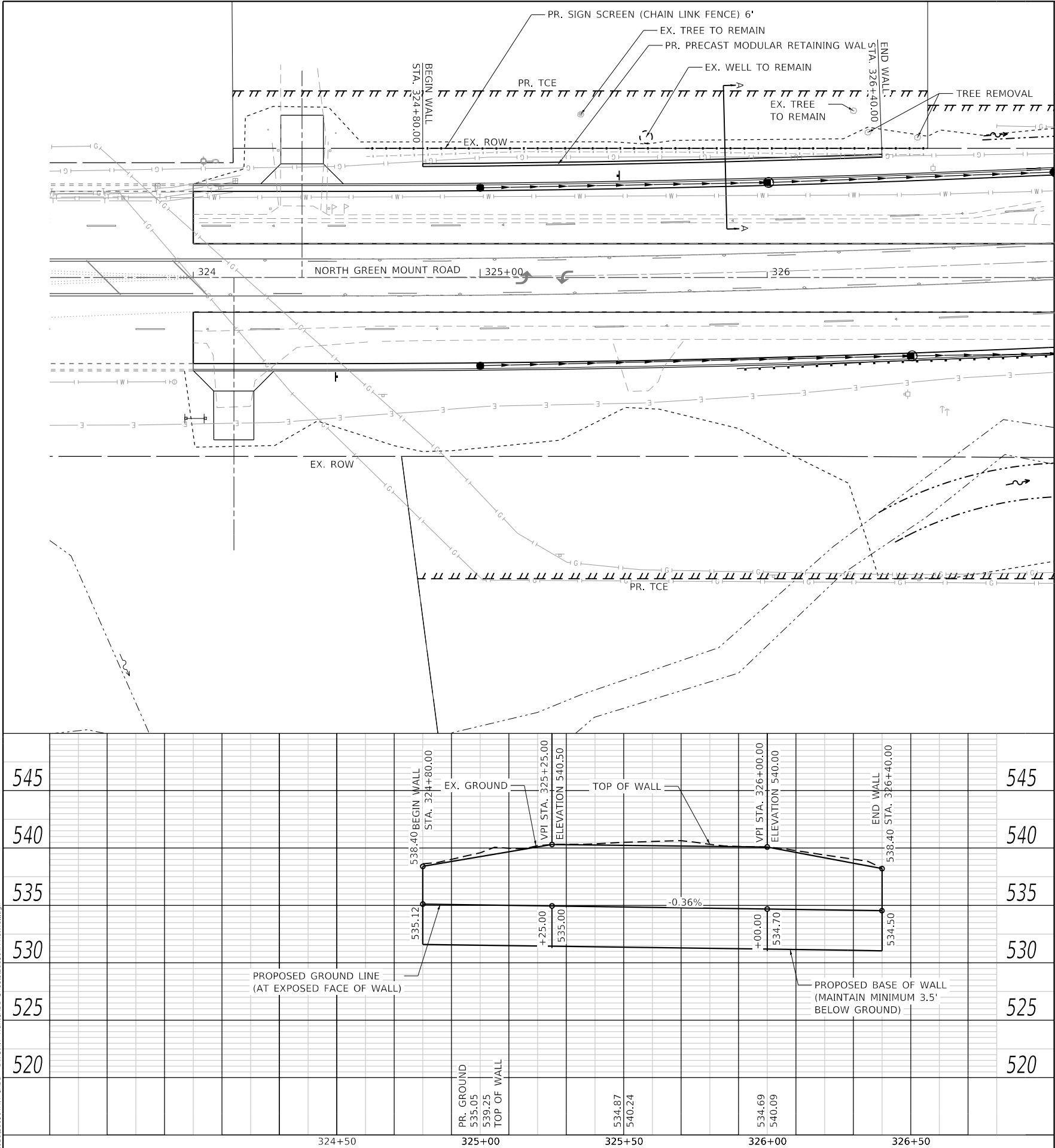
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 335+00.00 TO STA. 337+39.40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	172
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHNG	

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

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SECTION A-A

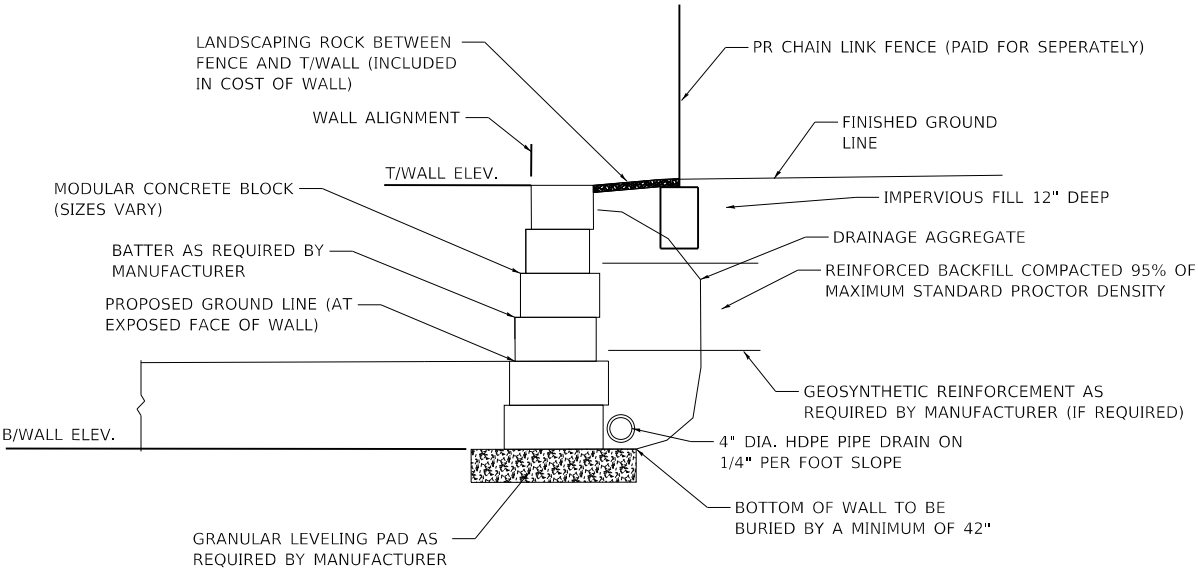
GENERAL NOTES:

STATIONS ARE GIVEN FROM ROADWAY ALIGNMENT.

THE PRECAST MODULAR RETAINING WALL LAYOUT IS SHOWN FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE FINAL WALL LAYOUT AND DESIGN (INCLUDING ANY REQUIRED GEOTECHNICAL INFORMATION) AS PART OF THE CONTRACT.

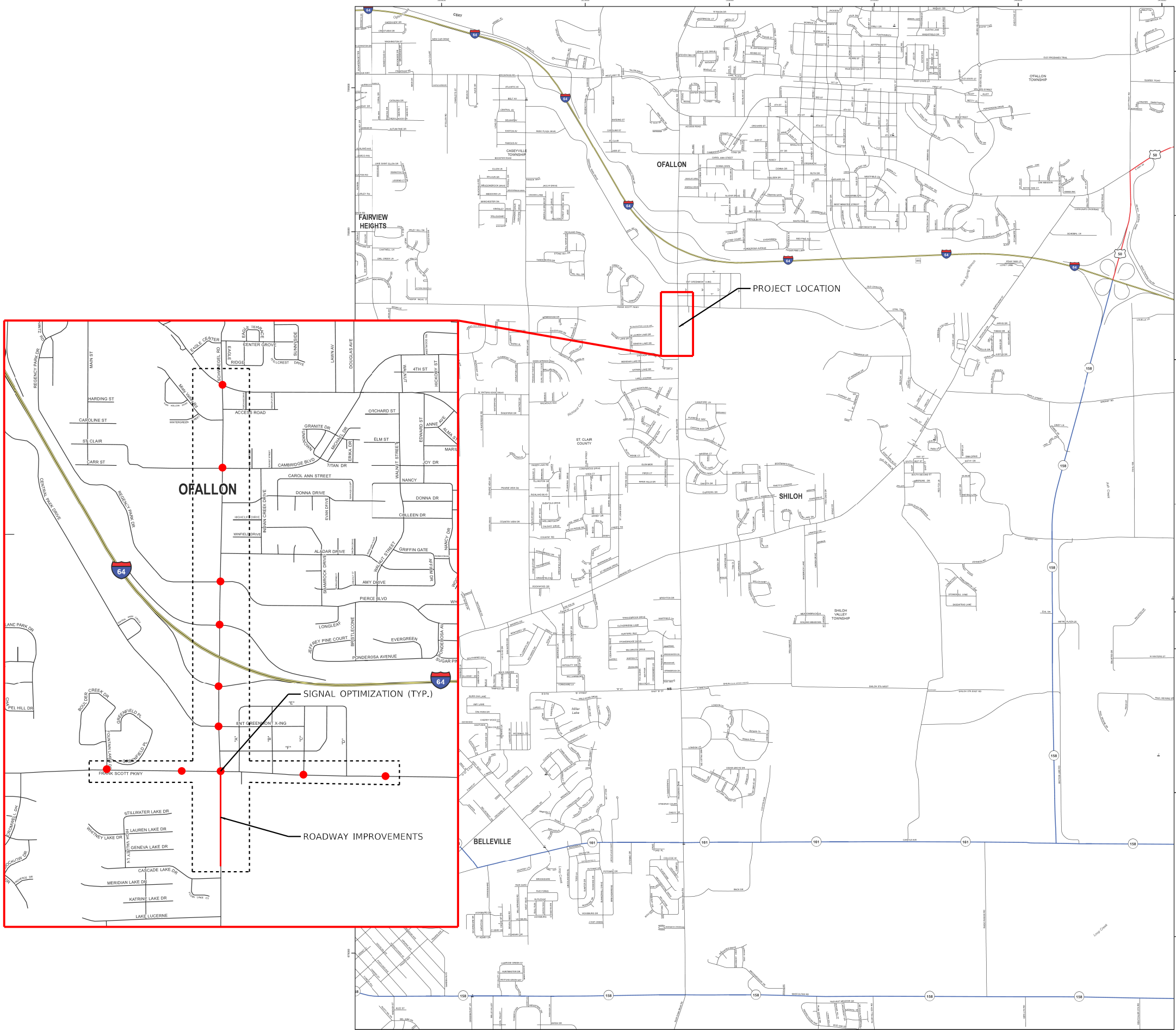
THE DESIGN SHALL BE COMPLETED BY A STRUCTURAL ENGINEERING PROFESSIONAL LICENSED IN THE STATE OF ILLINOIS.

THE WALL SHALL BE ACCORDING TO SECTION 522 OF THE STANDARD SPECIFICATIONS, EXCEPT THE DESIGN SHALL BE ACCORDING TO THE INTERNATIONAL BUILDING CODE CURRENTLY ADOPTED BY ST. CLAIR COUNTY, ILLINOIS. MAXIMUM ALLOWABLE BEARING PRESSURE SHALL BE 1500 PSF.



TYPICAL PRECAST MODULAR RETAINING WALL SECTION

TWM, INC. www.twm-inc.com IL DESIGN FIRM LICENSE NO: 184-001220	USER NAME = efisher		DESIGNED -	REVISED -		VILLAGE OF SHILOH	RETAINING WALL DETAIL			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.		DRAWN -	REVISED -						9170	22-00022-00-PW	ST. CLAIR	200	173
PLOT DATE = 6/9/2026	DATE -	REVISED -	CHECKED -	REVISED -			SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA. 324+60.02	TO STA. 326+54.84	ILLINOIS FED. AID PROJECT		



MODEL: STATION NAMES
FILE NAME: P:\2021\211364\4 CADD - DWG\4.7 TranCADD Streets\211364A-shl_signal_location_map.dgn



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

USER NAME = efisher
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

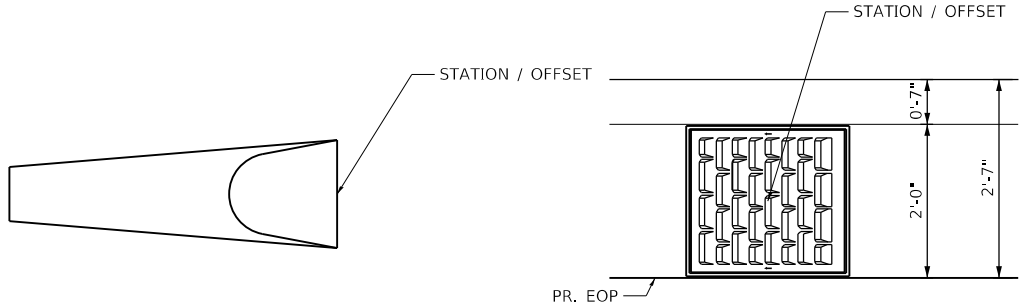


VILLAGE OF SHILOH

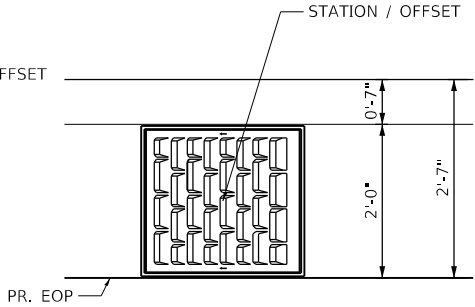
SIGNAL UPGRADE LOCATION MAP

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

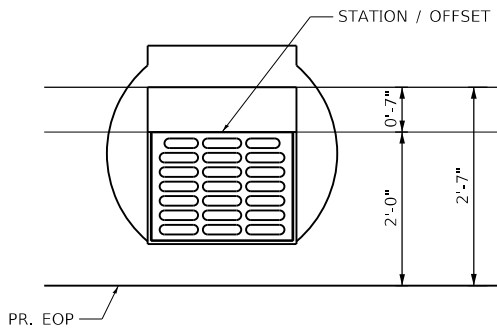
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	174
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				



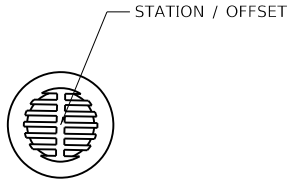
**PRECAST REINFORCED CONCRETE
FLARED END SECTION**



TYPE 24 FRAME AND GRATE
TOS = AT GUTTER FLOW LINE

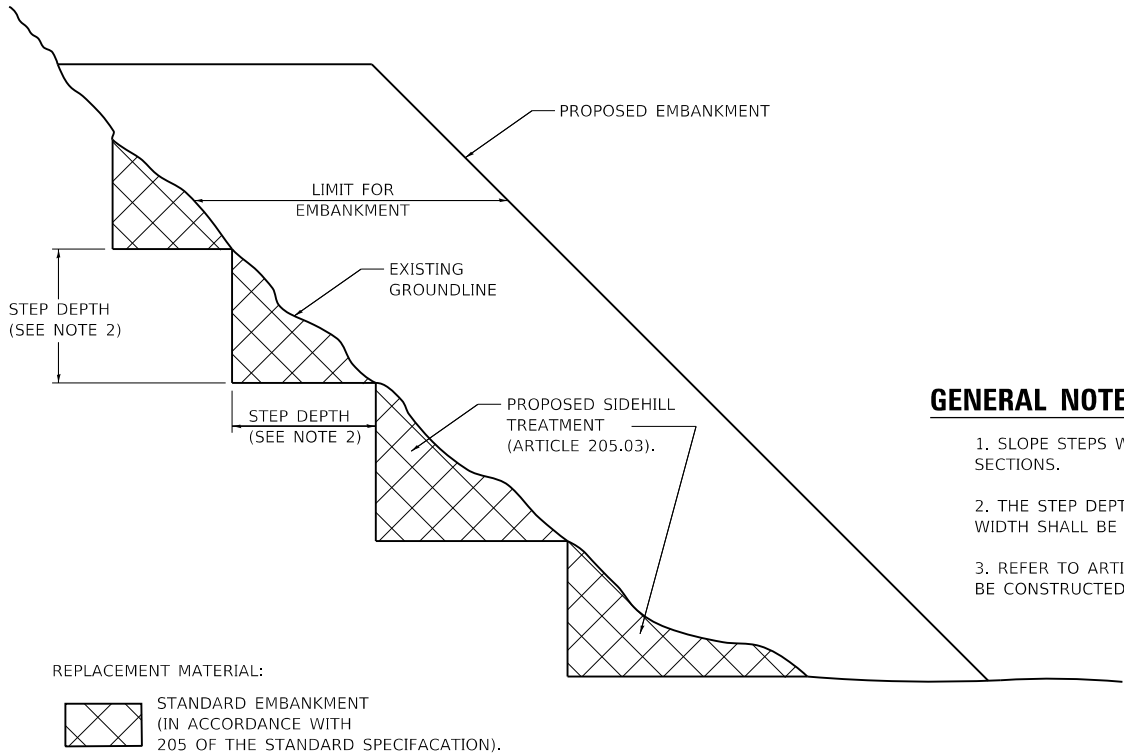


TYPE 3 FRAME AND GRATE
TOS = AT GUTTER FLOW LINE



TYPE 8 GRATE
TOS = AT GRATE FLOW LINE

DRAINAGE CALLOUTS



GENERAL NOTES:

1. SLOPE STEPS WILL BE REQUIRED IN ALL FILL SECTIONS.
2. THE STEP DEPTH SHALL BE 4' AND THE STEP WIDTH SHALL BE TWICE THE STEP DEPTH.
3. REFER TO ARTICLE 205.03 FOR EMBANKMENT TO BE CONSTRUCTED ON HILLSIDE OF SLOPES.

SLOPE STEPS

TYPICAL CROSS-SECTION EMBANKMENT
CONSTRUCTION ON SIDEHILL

MODEL Default
FILE NAME: 22-000221364-A4 CADD - DWG14.7 TranCADD Streets21364A-shr.mxd dlt_01.dgn



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= efisher
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 2.0000 ' / in.
PLOT DATE	= 3/5/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-



VILLAGE OF SHILOH

MISCELLANEOUS DETAILS

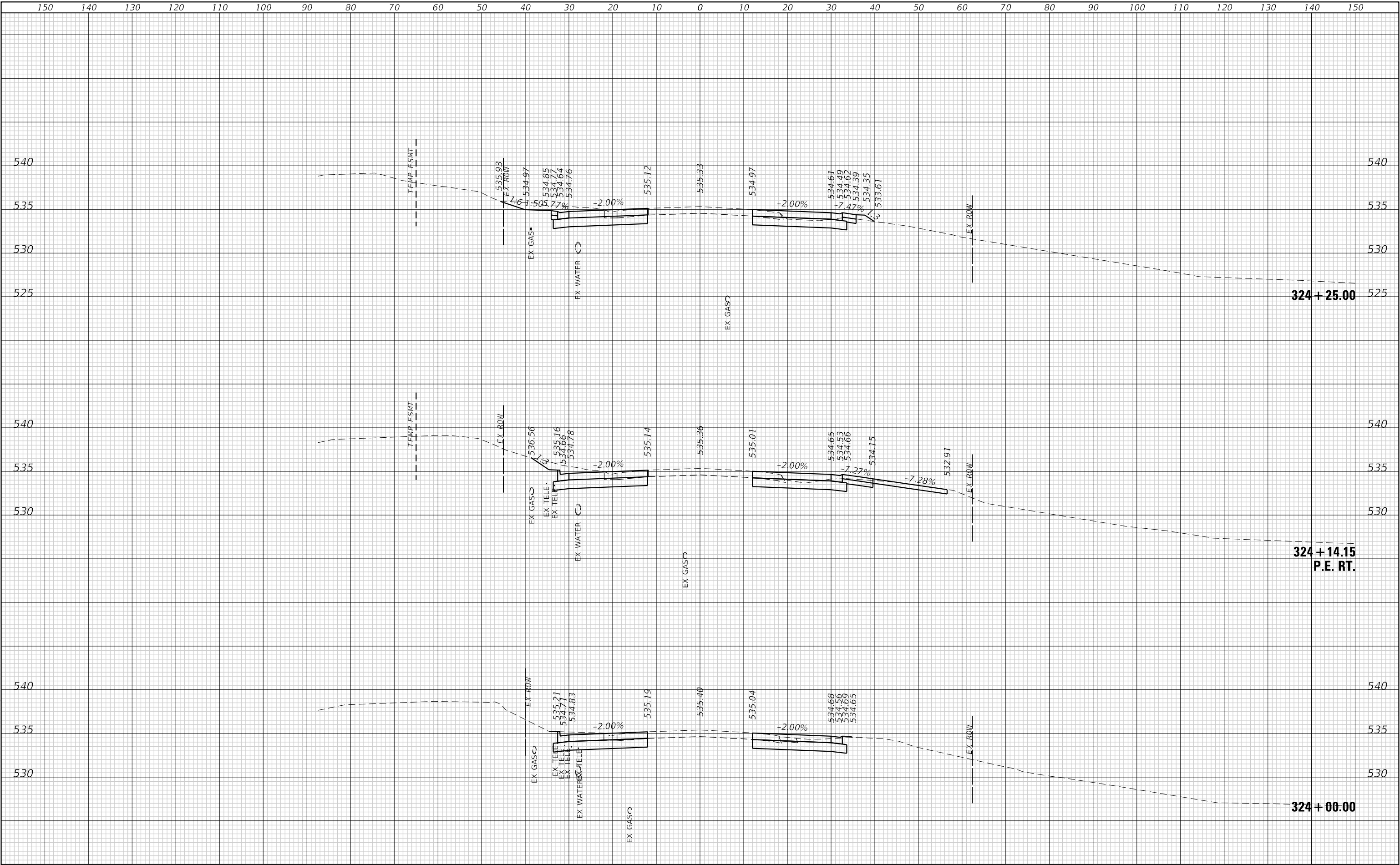
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	175
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

DATE	BY	SURVEYED	PLOTTED	NO.
		FINAL	NO. 1	
		NO. 2		

DATE	BY	SURVEYED	PLOTTED	NO.
		ORIGINAL	NO. 1	
		NO. 2		

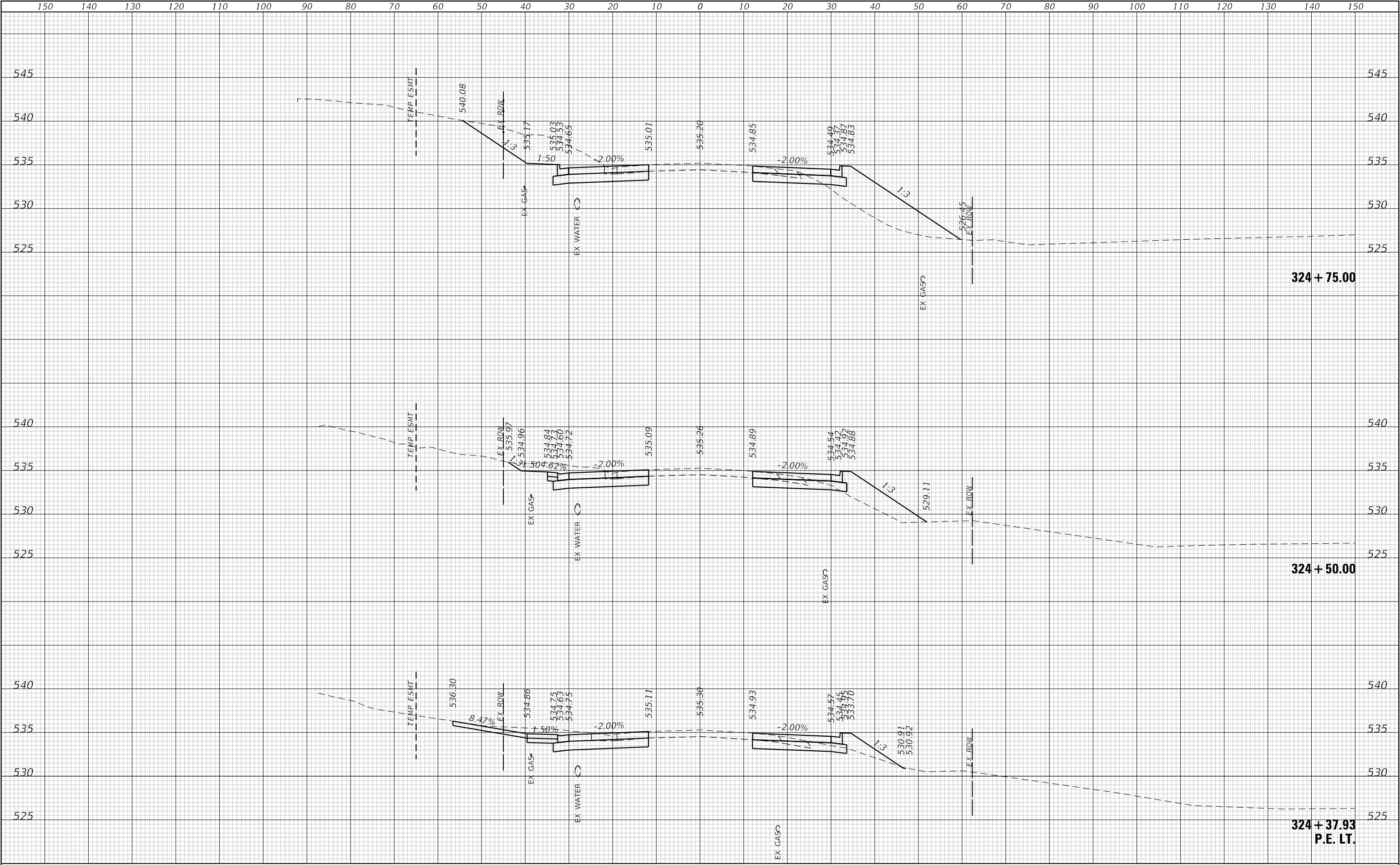
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FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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

MODEL Default
FILE NAME: P:\2021\21364\A4 CADD - DWG\4-7 Twp\CAUD Sites\21364A-ssrc.dgn



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

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
CHECKED -
PLOT DATE = 6/9/2026
DATE -

DESIGNED -
REVISED -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF SHILOH

CROSS SECTIONS

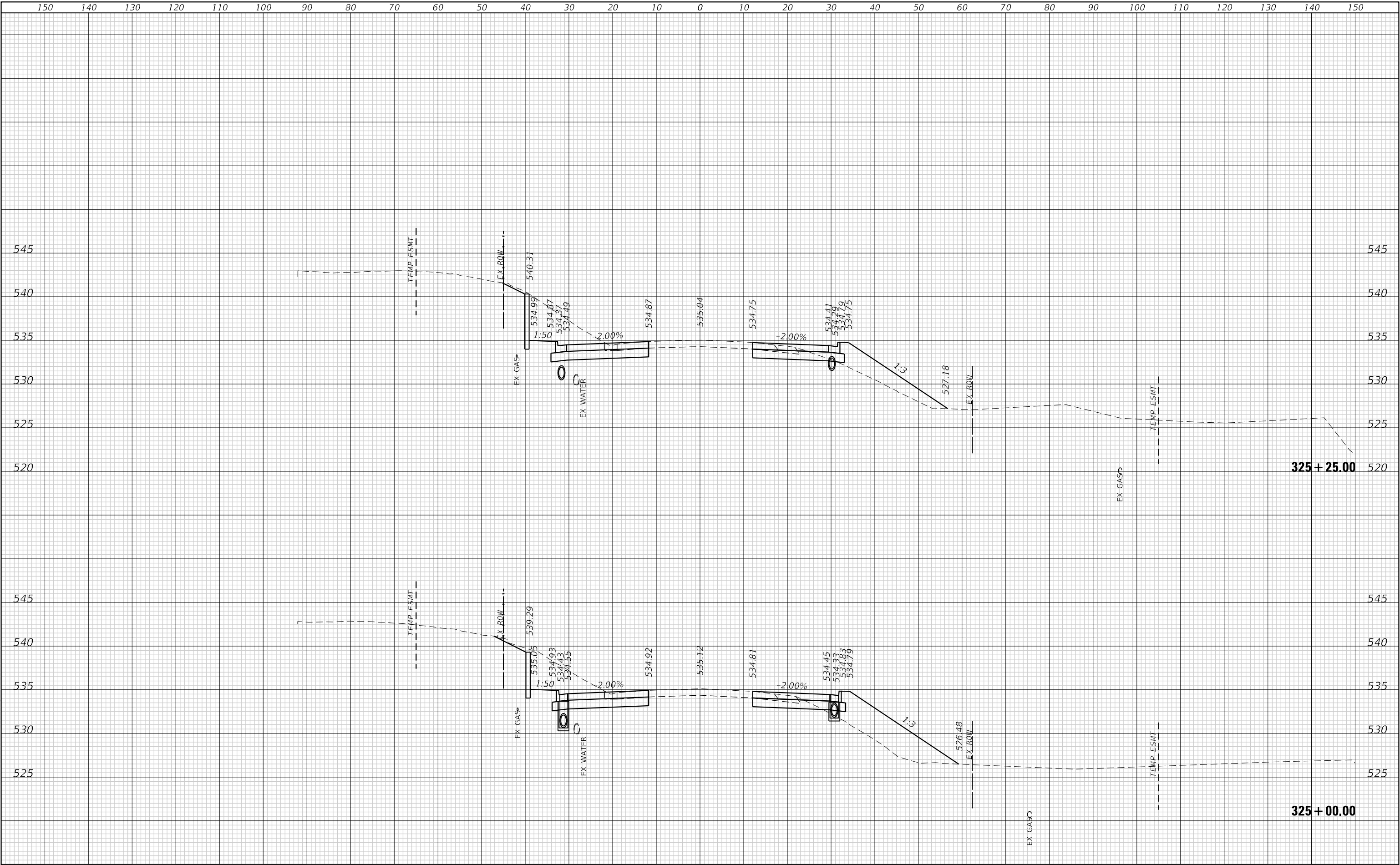
SCALE: 1"=10' SHEET 2 OF 25 SHEETS STA. 324+37.93 TO STA. 324+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	177
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

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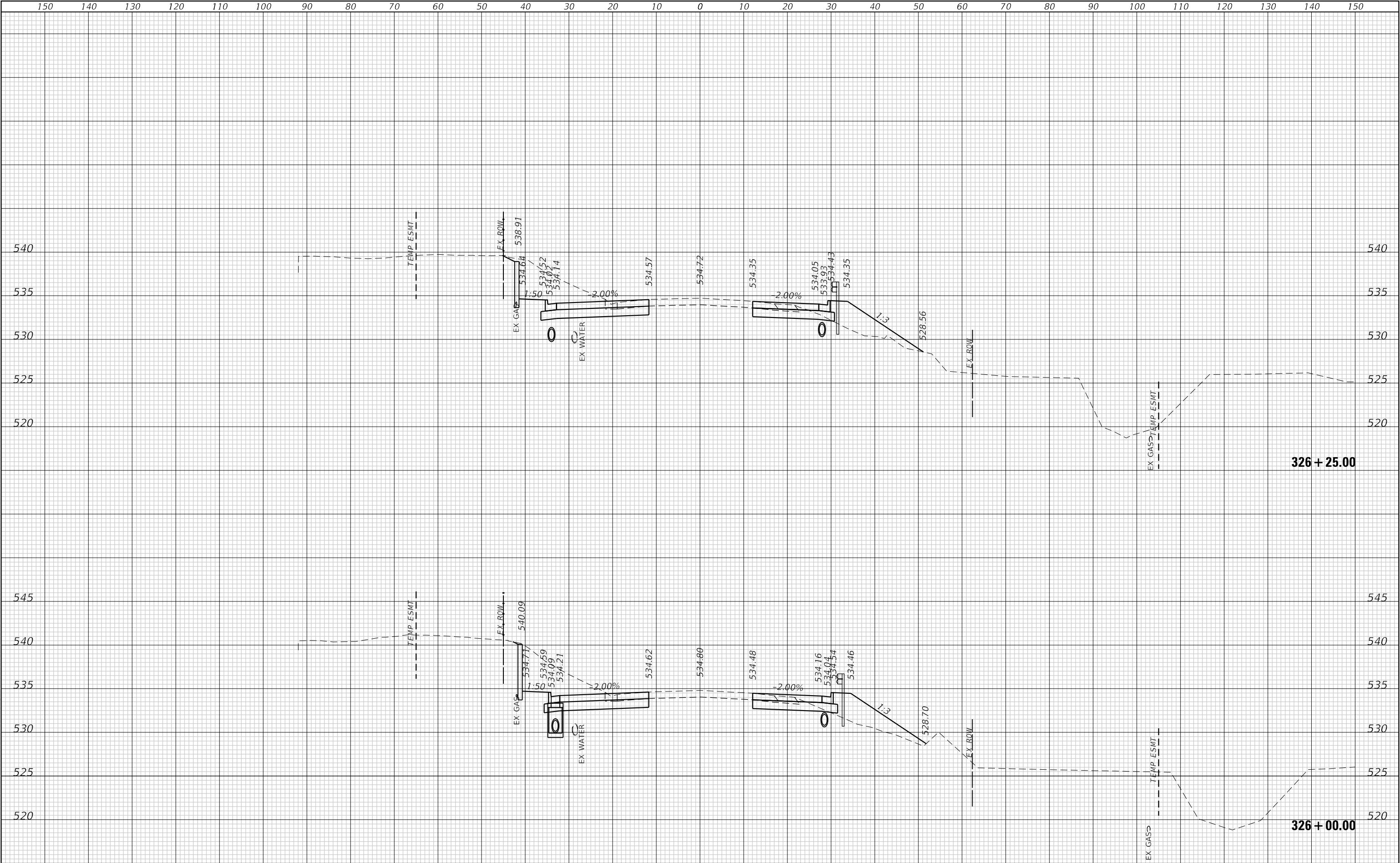
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	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



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

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

MODEL: Default
FILE NAME: P:\2021\21364\44 CADD - DWG\4-7 Twp\CAUD Streets\21364-4-8rc.dgn



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LICENSE NO: 184-001220

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF SHILOH

CROSS SECTIONS

SCALE: 1"=10' SHEET 5 OF 25 SHEETS STA. 326+00.00 TO STA. 326+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	180
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



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&
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IL DESIGN FIRM
LICENSE NO:
184-001220

REVISED	-
REVISED	-
REVISED	-
REVISED	-



CROSS SECTIONS

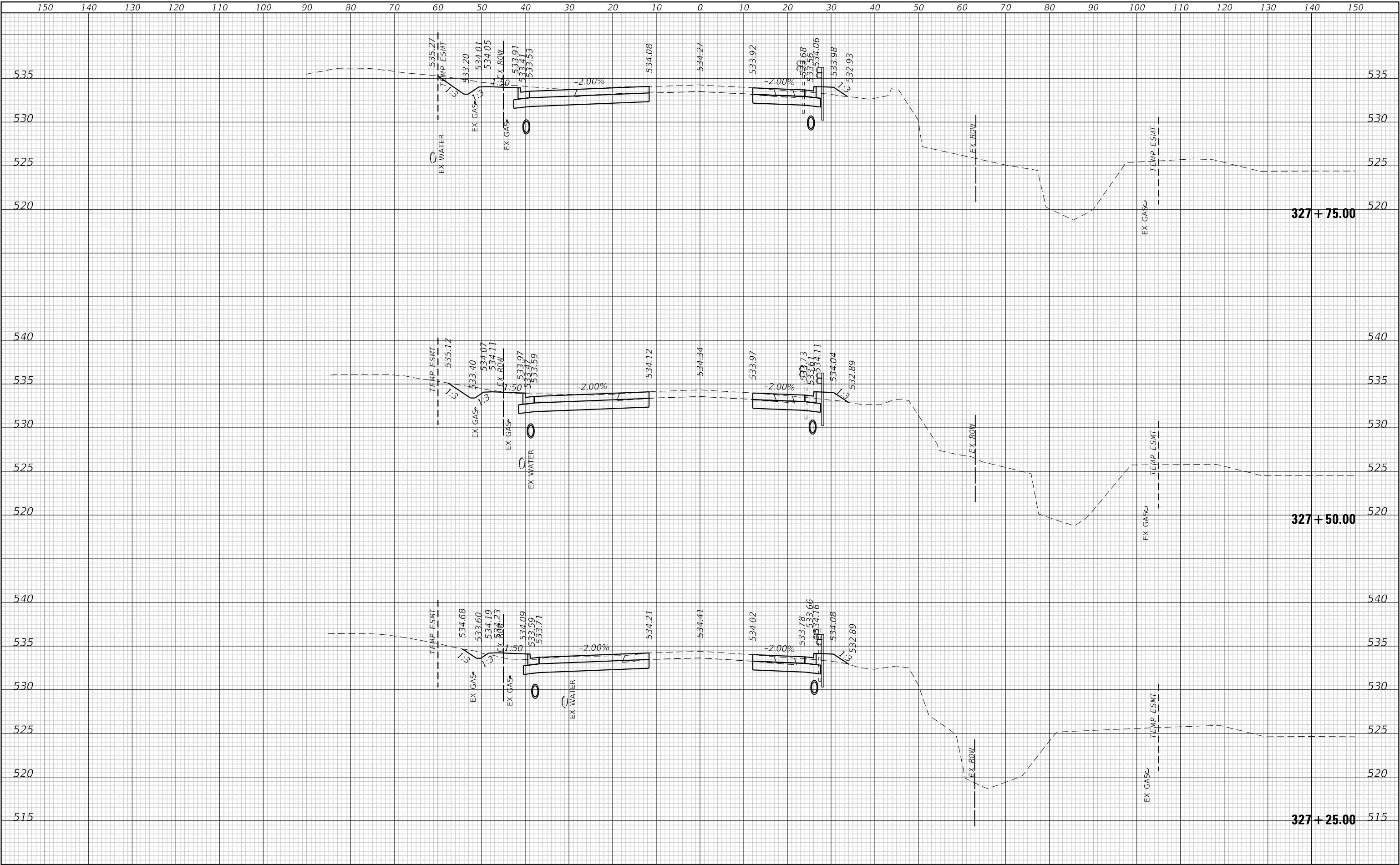
SCALE: 1"=10'	SHEET 6 OF 25 SHEETS	STA. 326+50.00 TO STA. 327+00.00
---------------	----------------------	----------------------------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	181
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,000 ' / in.
CHECKED -
PLOT DATE = 3/5/2026
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF SHILOH

CROSS SECTIONS

SCALE: 1"=10' SHEET 7 OF 25 SHEETS STA. 327+25.00 TO STA. 327+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	182
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



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ENGINEERING
&
GEOSPATIAL SERVICES

TWM, INC.
WWW.TWM-INC.COM

IL DESIGN FIRM
LICENSE NO:
184-001220

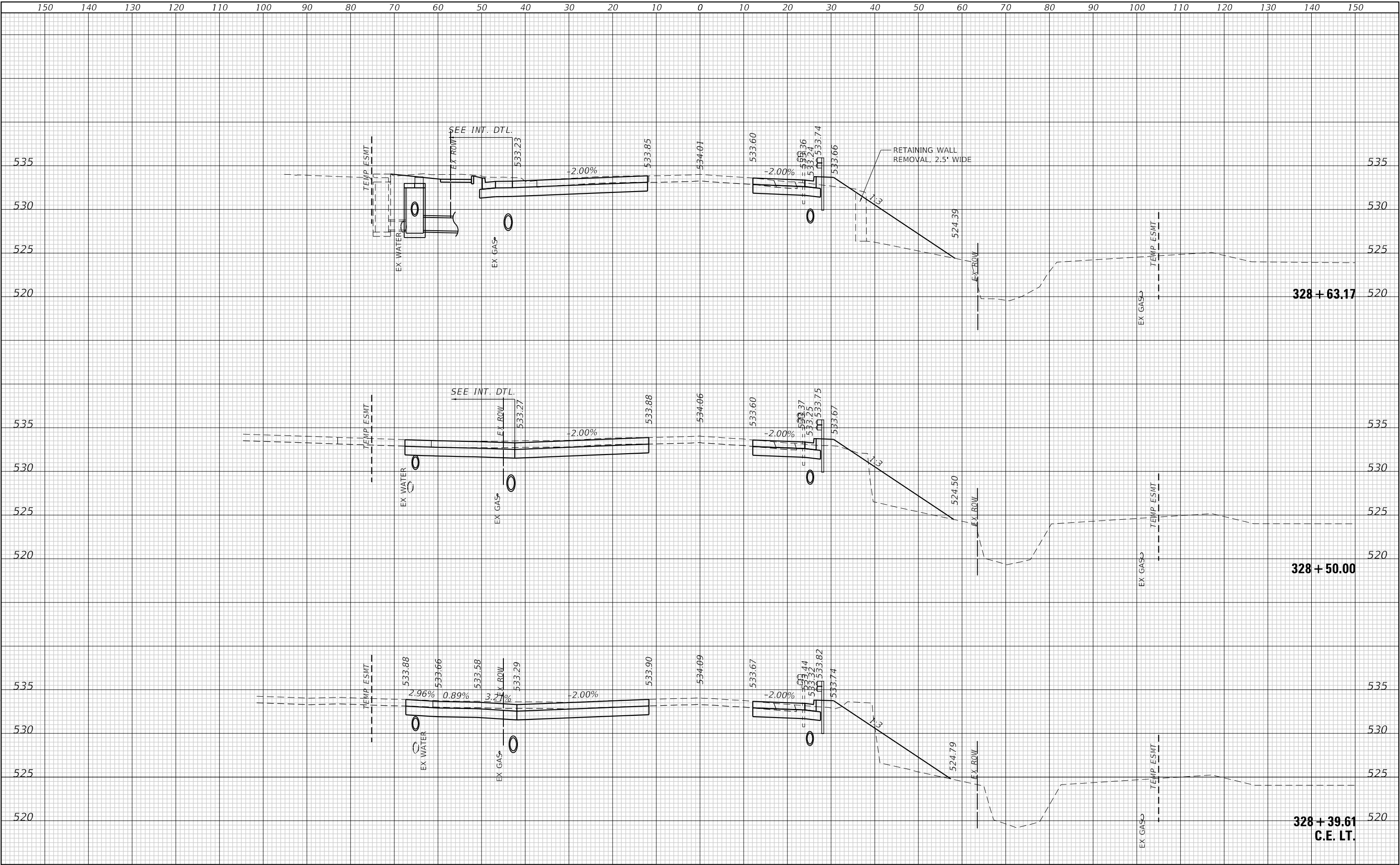
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	183
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

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

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

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

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
CHECKED -
PLOT DATE = 3/5/2026
DATE -

REVISD -
REVISD -
REVISD -
REVISD -



VILLAGE OF SHILOH

CROSS SECTIONS

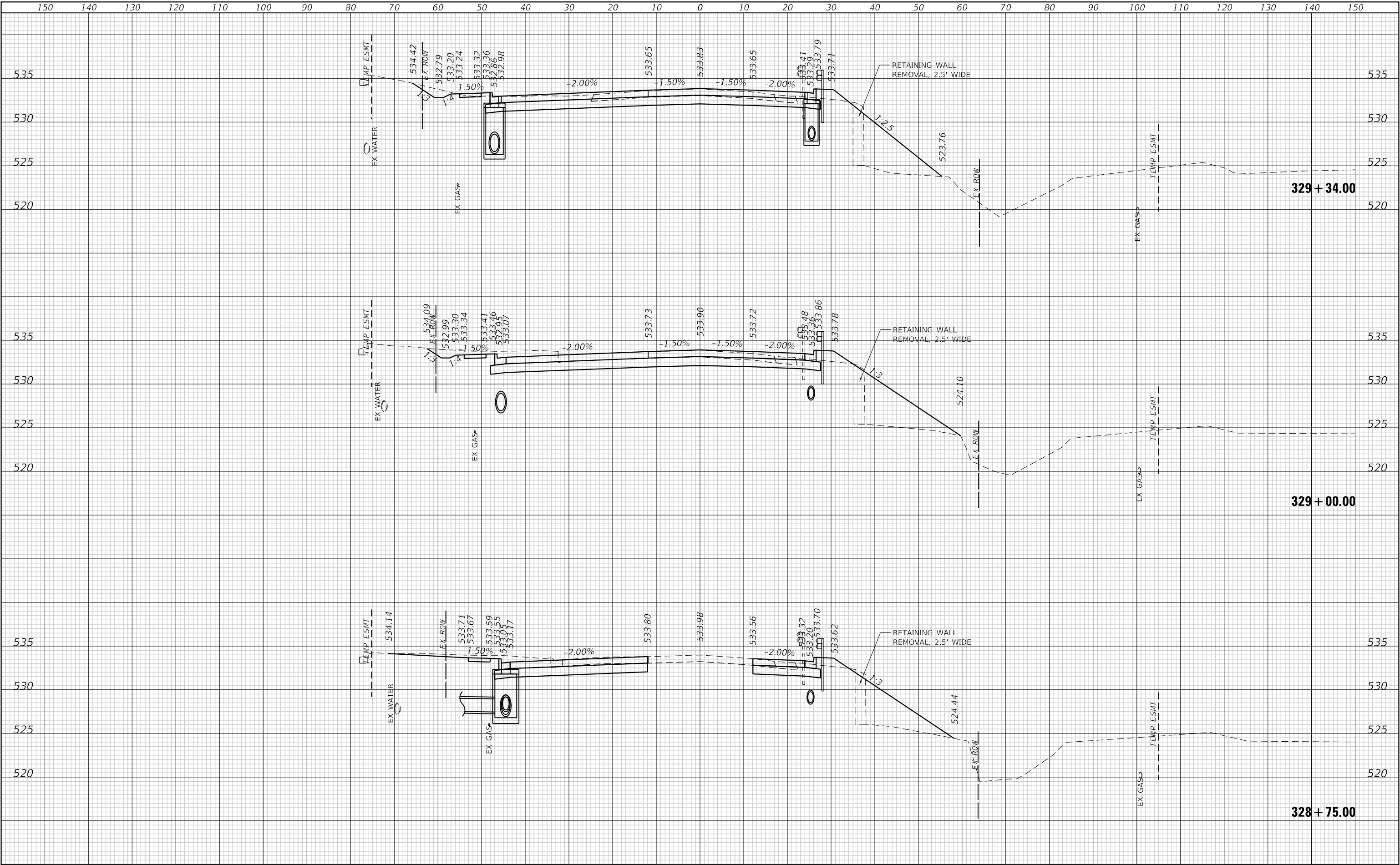
SCALE: 1"=10' SHEET 9 OF 25 SHEETS STA. 328+39.61 TO STA. 328+63.17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	184
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

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

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 3/5/2026

REVISD -
REVISD -
REVISD -
REVISD -
CHECKED -
DATE -



VILLAGE OF SHILOH

CROSS SECTIONS

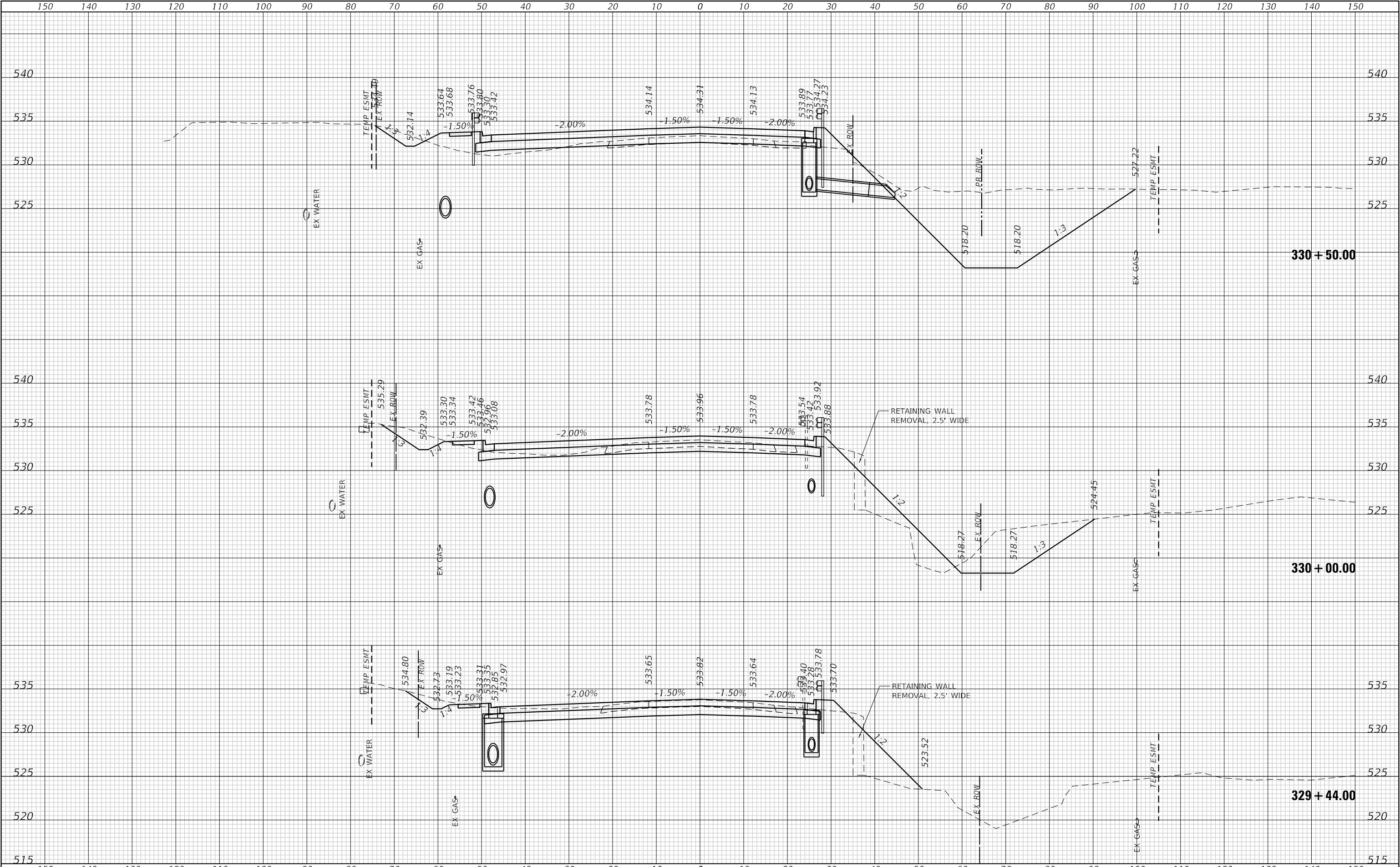
SCALE: 1"=10' SHEET 10 OF 25 SHEETS STA. 328+75.00 TO STA. 329+34.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	185
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED NOTE BOOK	BY	DATE

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

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
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REVISED -



VILLAGE OF SHILOH

CROSS SECTIONS

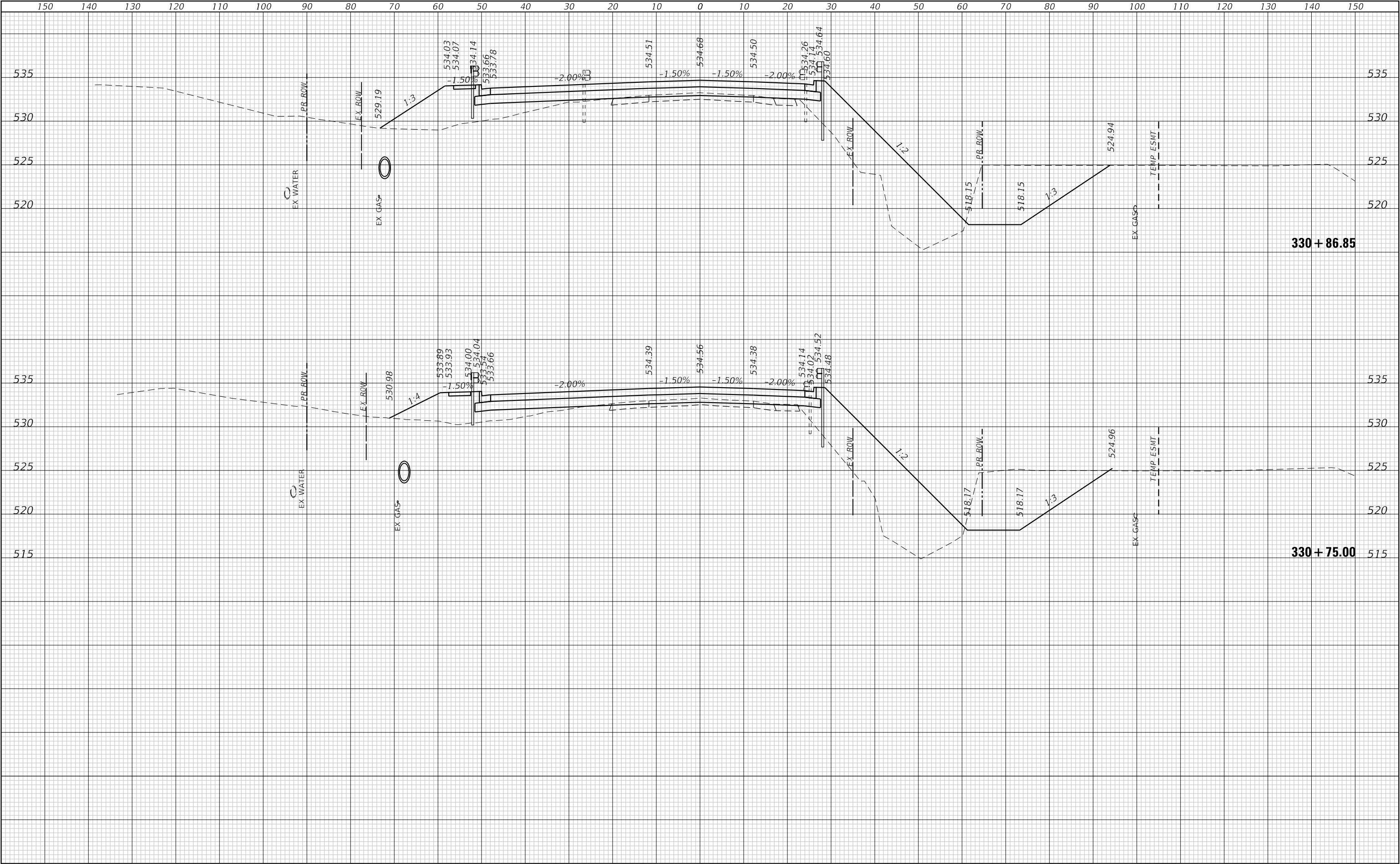
SCALE: 1"=10' SHEET 11 OF 25 SHEETS STA. 329+44.00 TO STA. 330+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	186
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

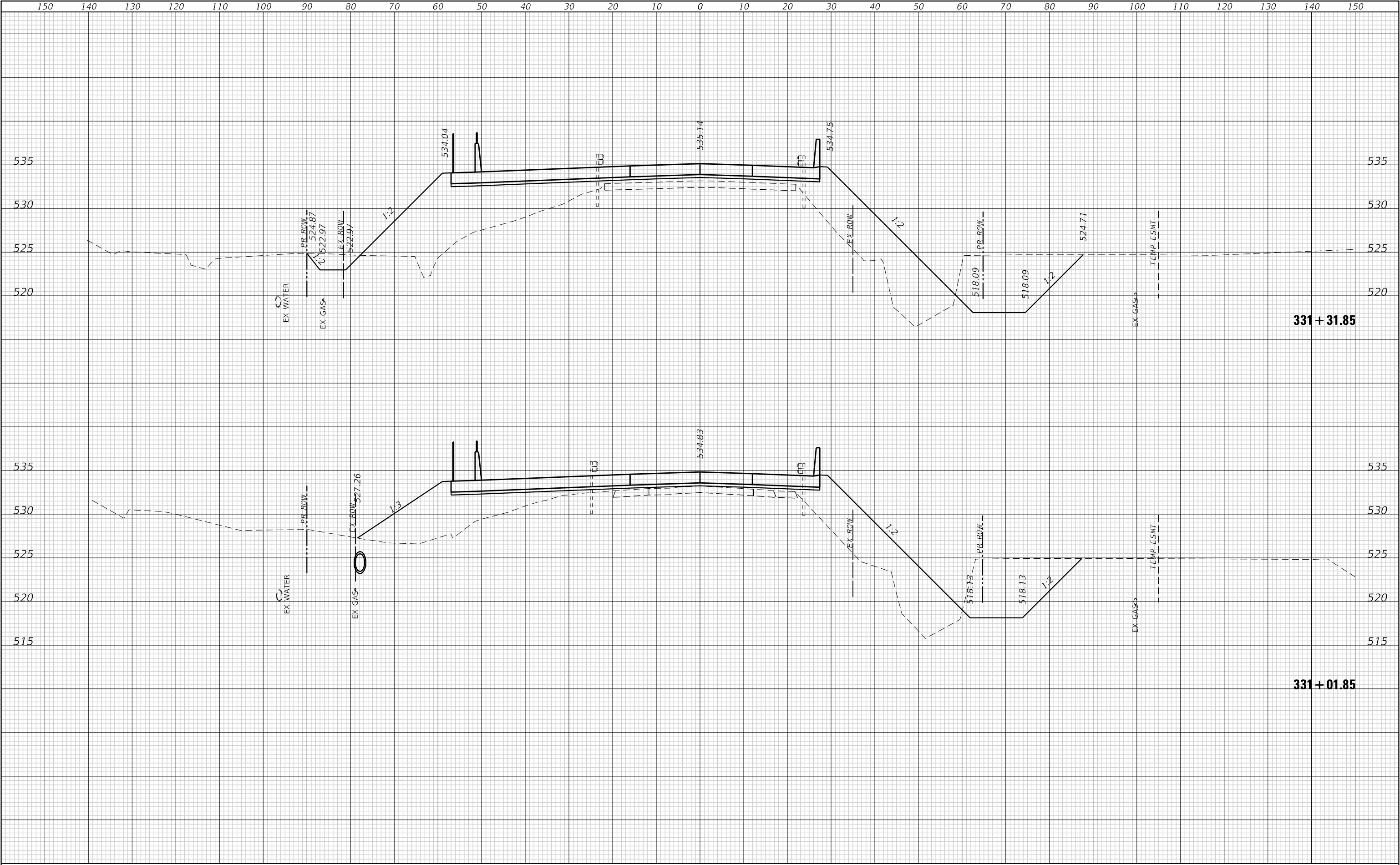
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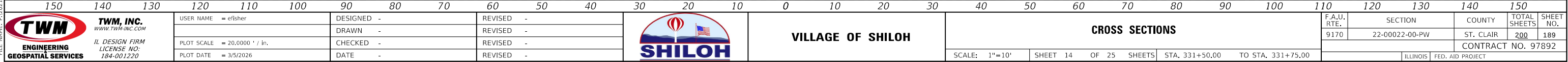
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SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

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ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



MODEL: Default
FILE NAME: P:\2



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IL DESIGN FIRM
LICENSE NO:
184-001220

USER NAME	= efisher
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 3/5/2026

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

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REVISED	-
REVISED	-



VILLAGE OF SHILOH

CROSS SECTIONS

SCALE: 1"=10'	SHEET 14 OF 25 SHEETS	STA. 331+50.00 TO STA. 331+75.00
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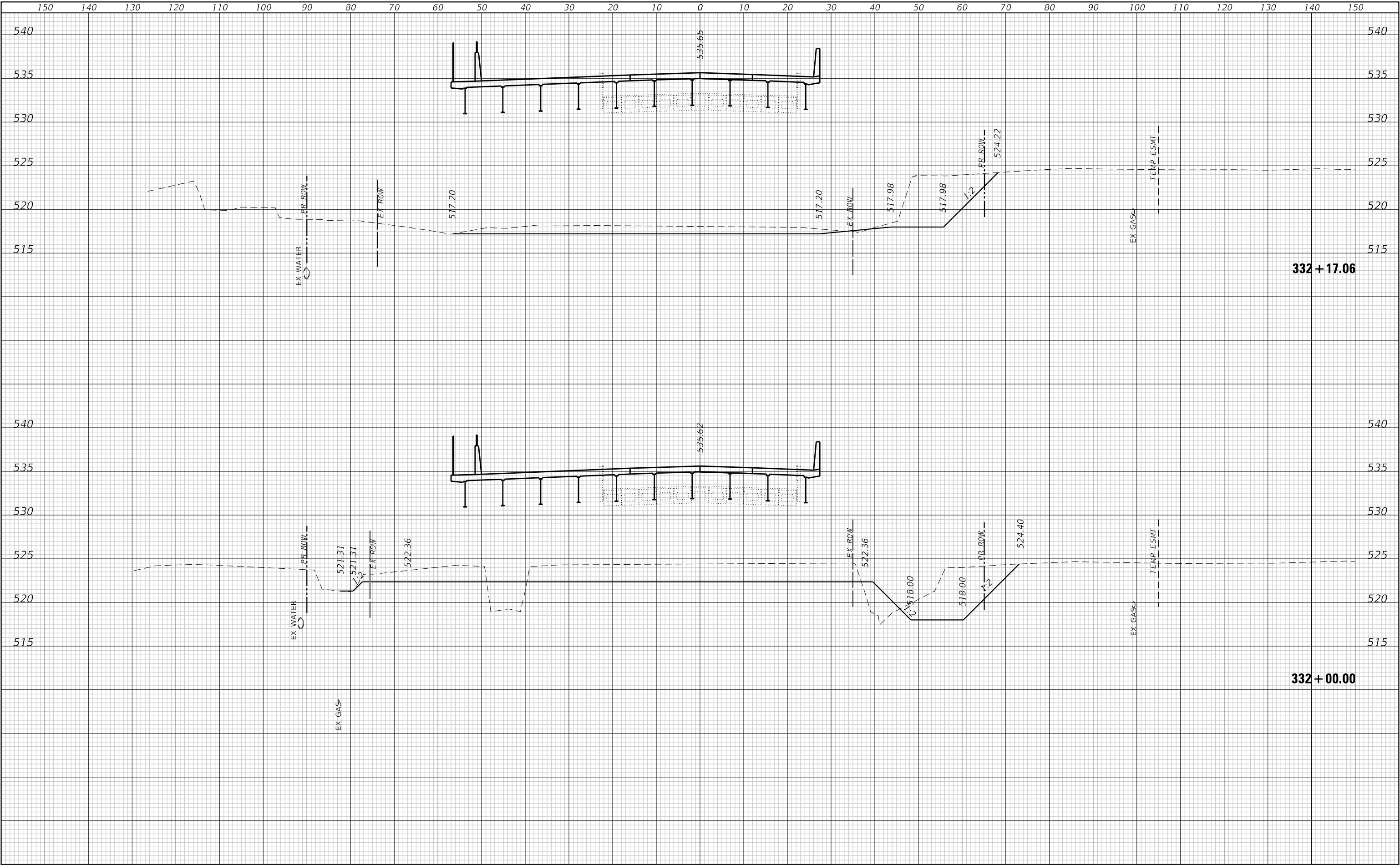
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	189
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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FINAL	DATE
SURVEY	BY
NOTE BOOK	
NO.	

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	
NO.	

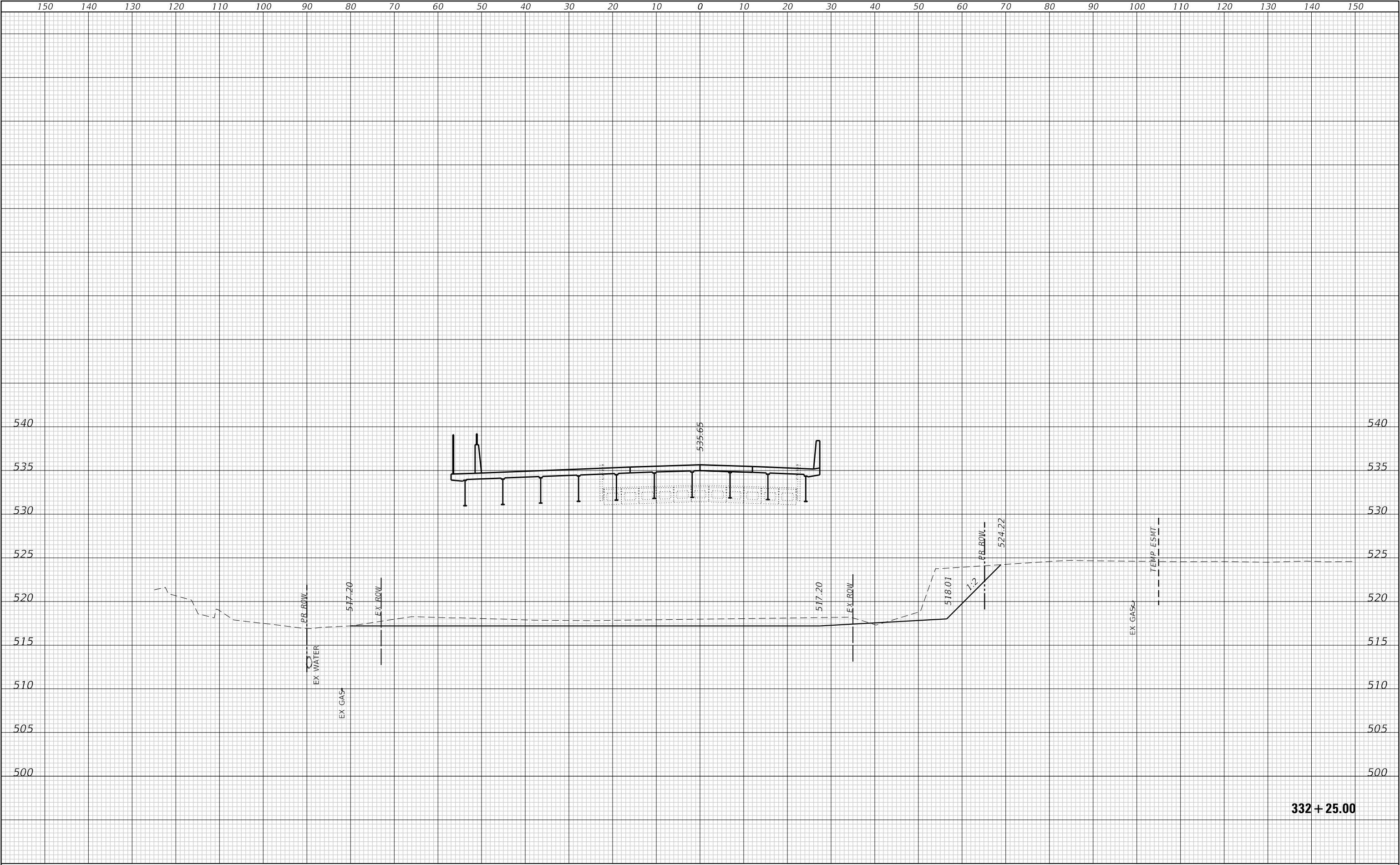
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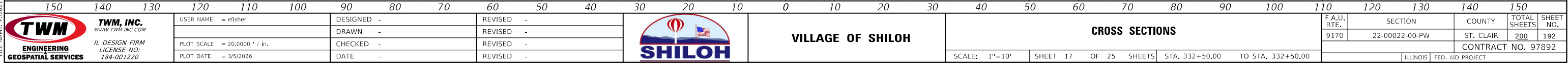
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NOTE BOOK	PLOTTED		
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	AREAS		
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

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ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		



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LICENSE NO:
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USER NAME = efisher	DESIGNED -
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PLOT SCALE = 20,000 ' / in.	CHECKED -
PLOT DATE = 3/5/2026	DATE -



VILLAGE OF SHILOH

CROSS SECTIONS

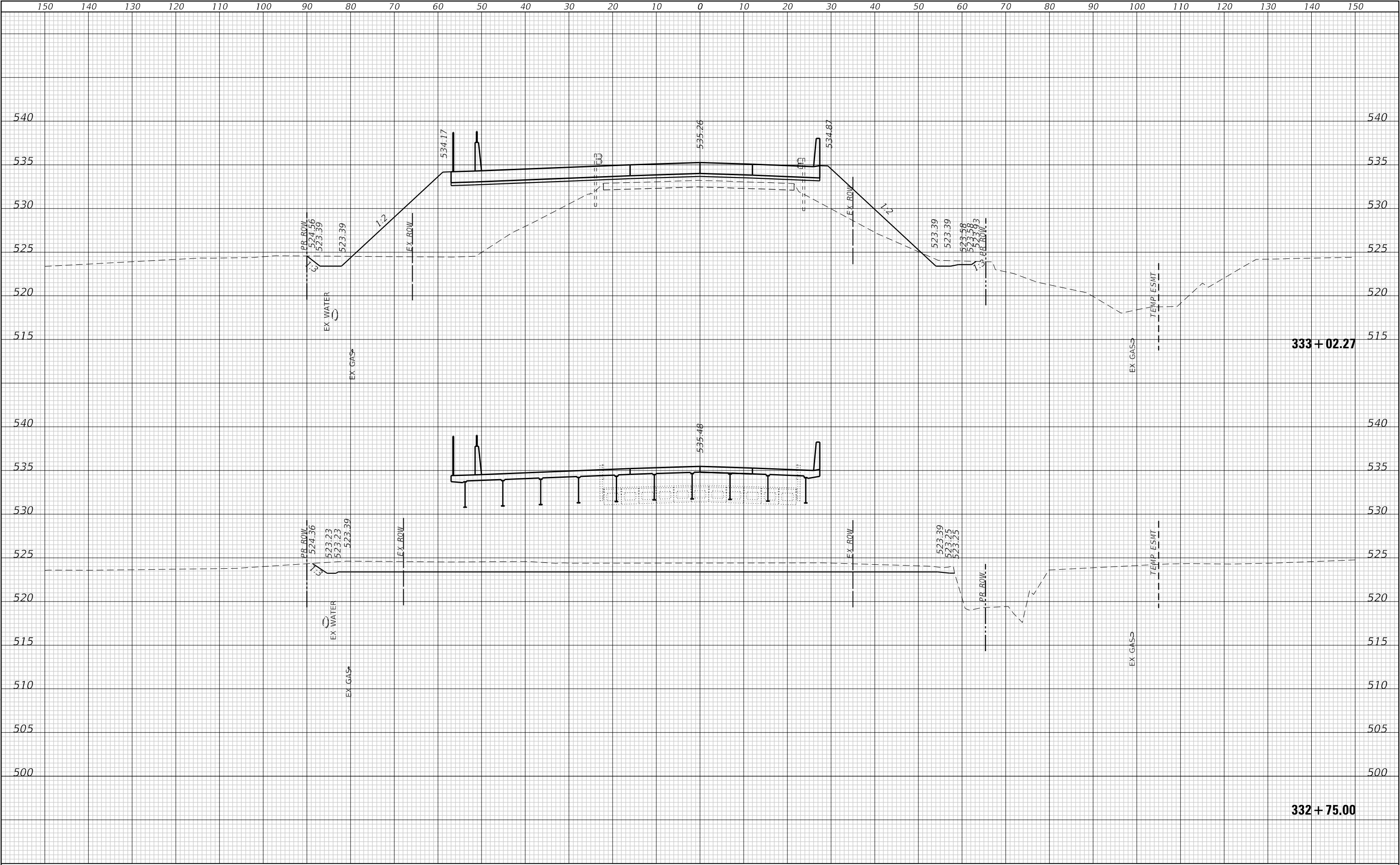
SCALE: 1"=10'	SHEET 17 OF 25 SHEETS	STA. 332+50.00 TO STA. 332+50.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	<u>200</u>	192
		CONTRACT NO. 97892		
ILLINOIS		FED. AID PROJECT		

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

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

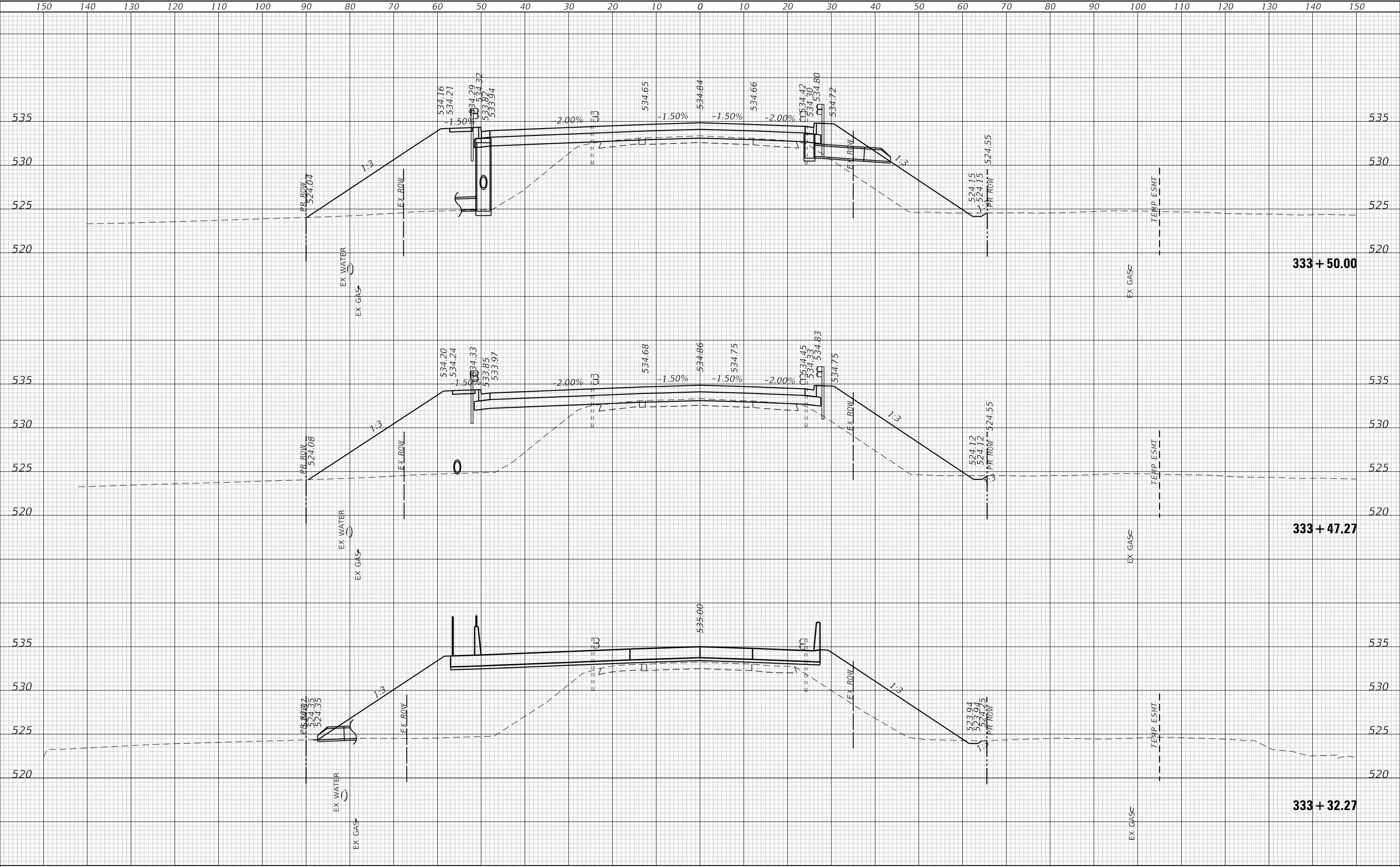
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FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

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LICENSE NO: 184-001220

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 3/5/2026

DESIGNED -
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VILLAGE OF SHILOH

CROSS SECTIONS

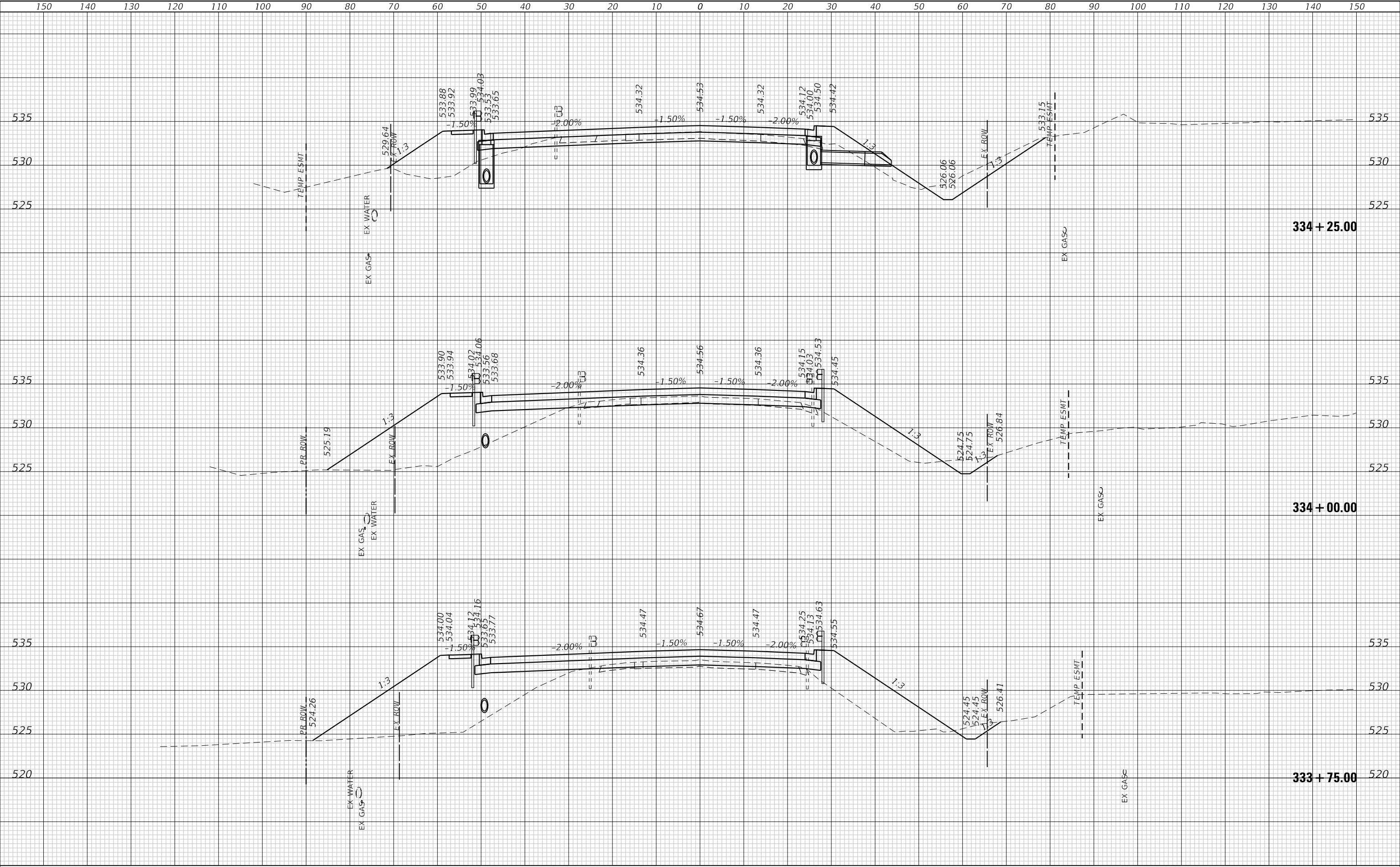
SCALE: 1"=10' SHEET 19 OF 25 SHEETS STA. 333+32.27 TO STA. 333+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	194
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/5/2026	DATE -	REVISED -



VILLAGE OF SHILOH

CROSS SECTIONS

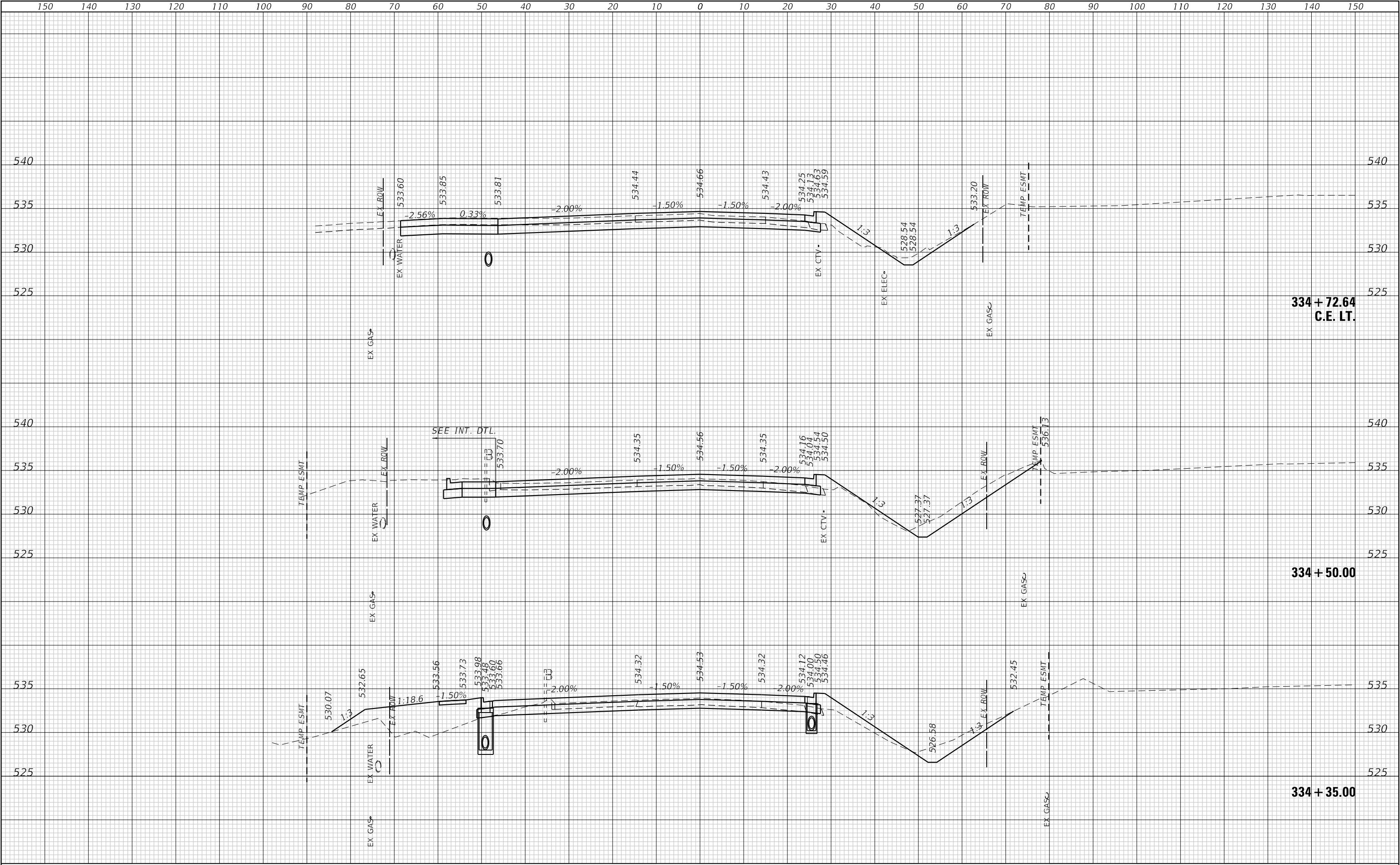
SCALE: 1"=10' SHEET 20 OF 25 SHEETS STA. 333+75.00 TO STA. 334+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	195
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

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IL DESIGN FIRM
LICENSE NO: 184-001220

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
PLOT DATE = 3/5/2026

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VILLAGE OF SHILOH

CROSS SECTIONS

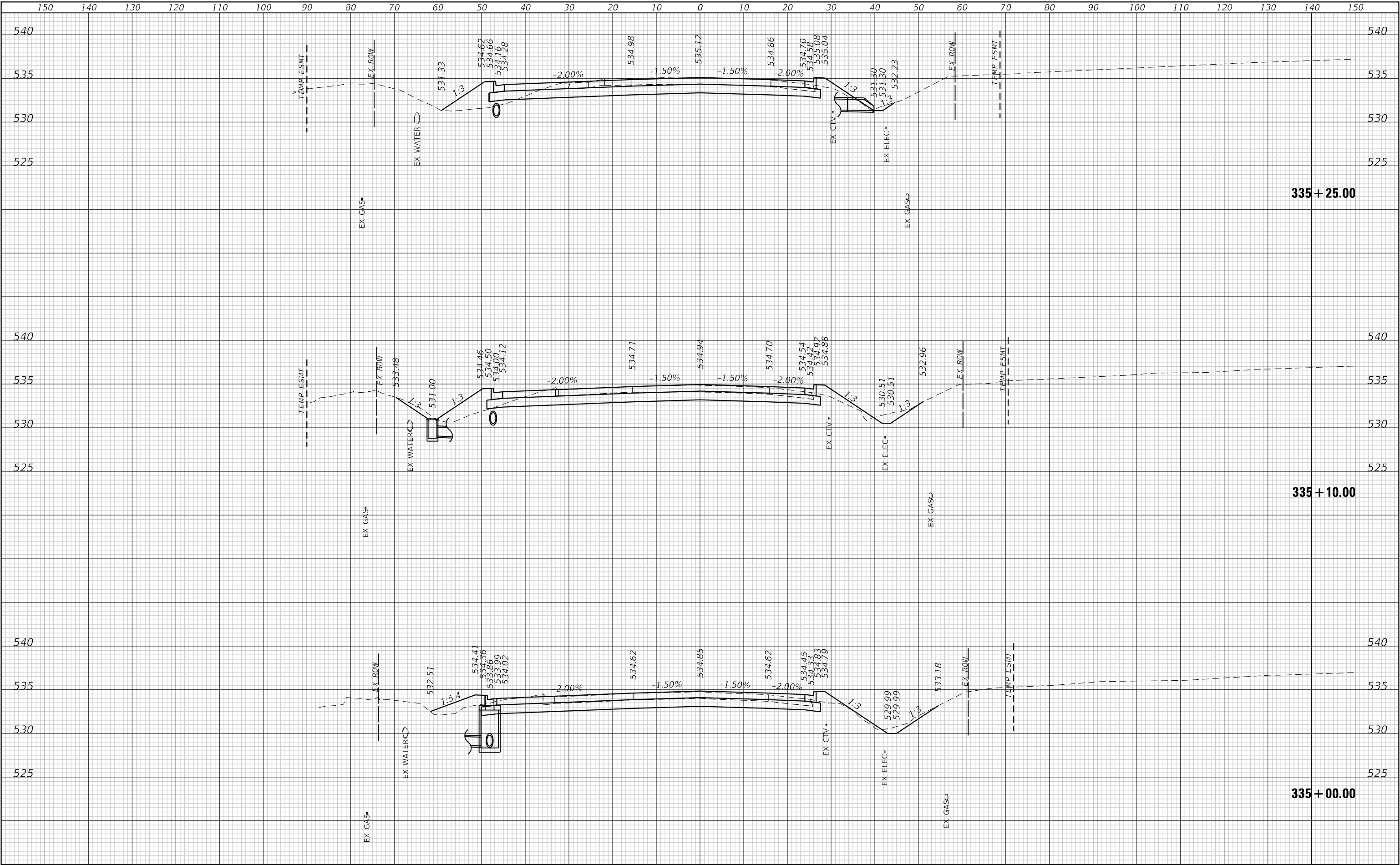
SCALE: 1"=10' SHEET 21 OF 25 SHEETS STA. 334+35.00 TO STA. 334+72.31

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	196
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	NO.	SURVEYED NOTE BOOK	BY	DATE

ORIGINAL SURVEY NO.	NO.	SURVEYED NOTE BOOK	BY	DATE

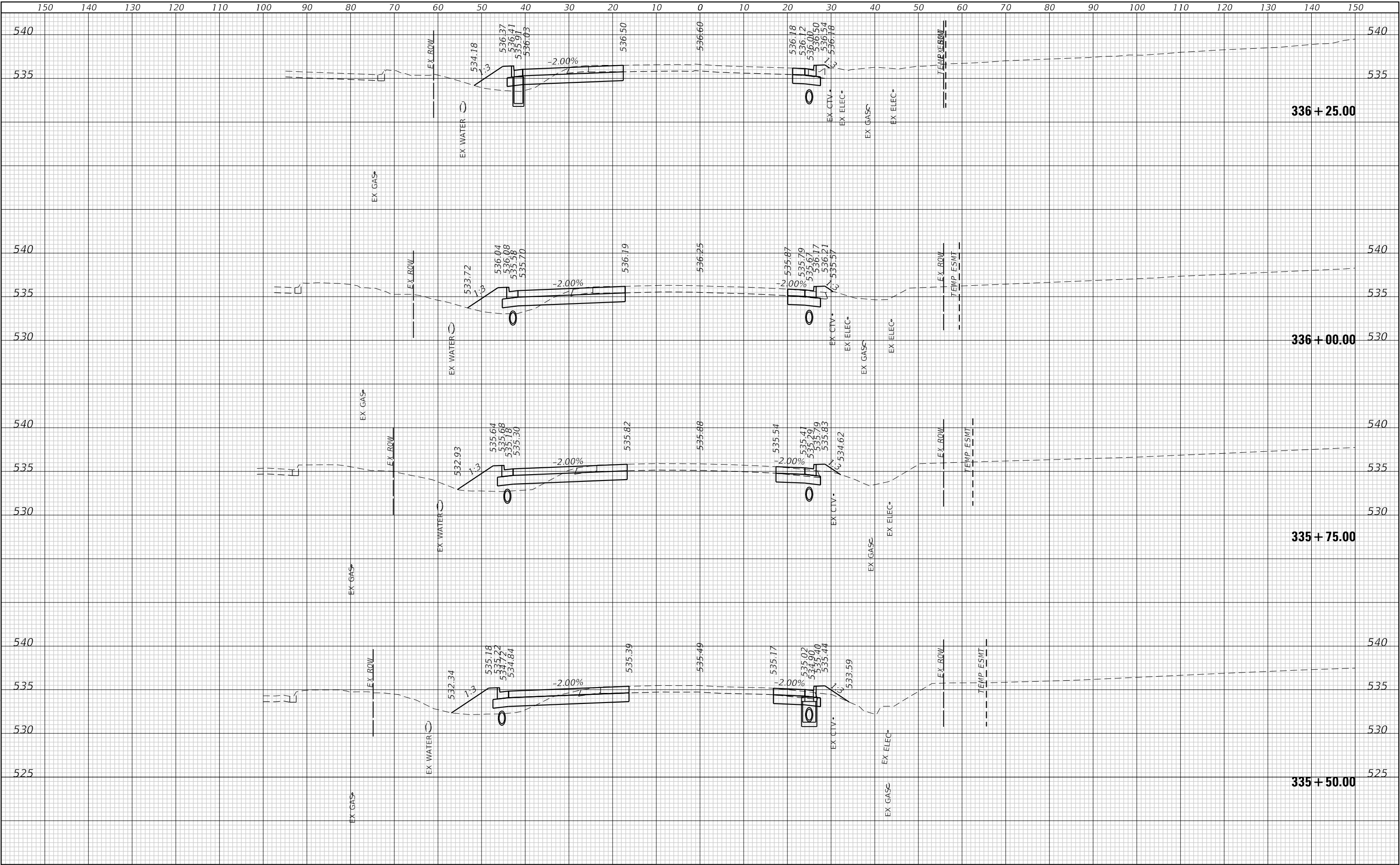
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FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

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

USER NAME = efisher
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 ' / in.
CHECKED -
PLOT DATE = 3/5/2026
DATE -

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VILLAGE OF SHILOH

CROSS SECTIONS

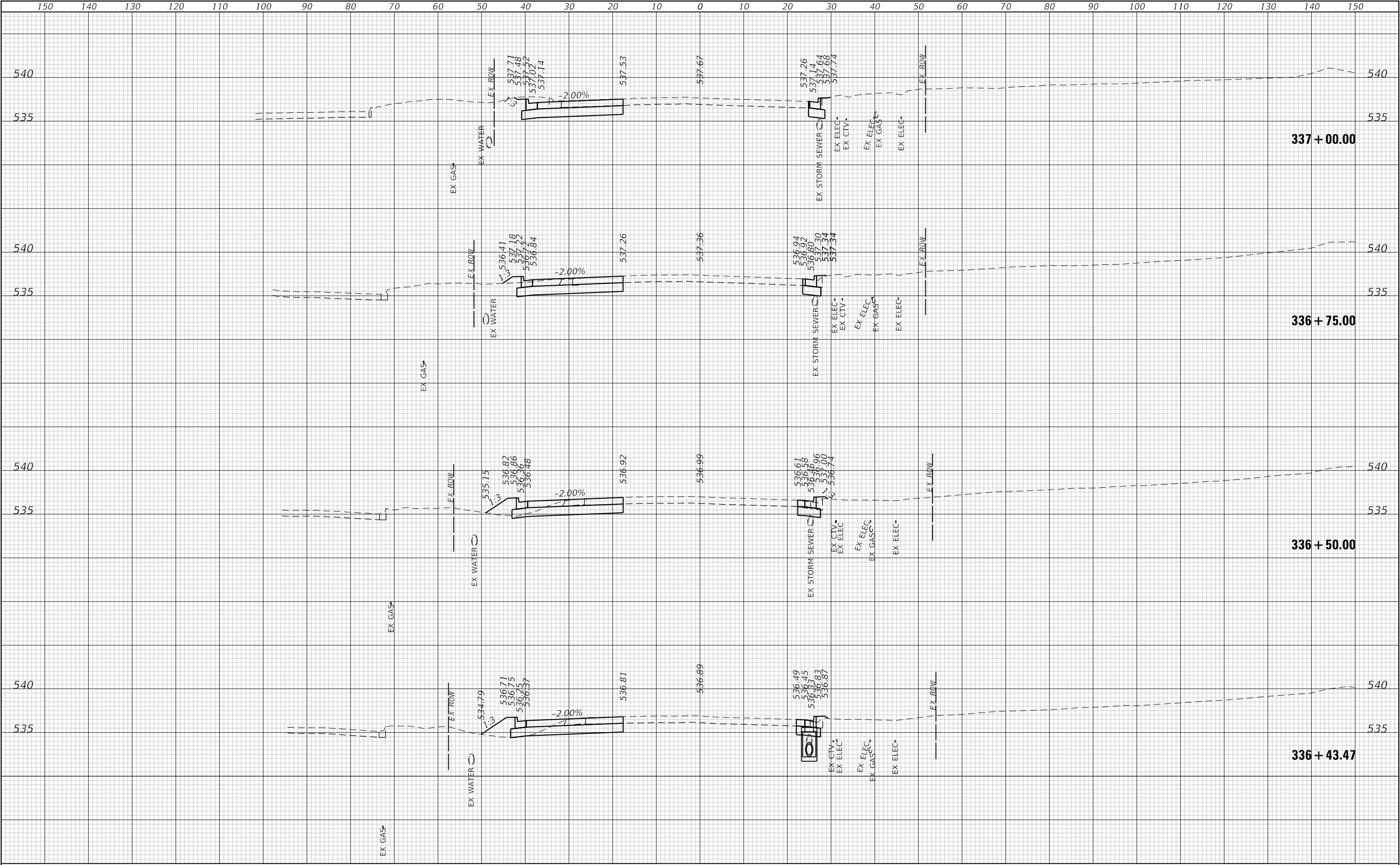
SCALE: 1"=10' SHEET 23 OF 25 SHEETS STA. 335+50.00 TO STA. 336+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9170	22-00022-00-PW	ST. CLAIR	200	198
CONTRACT NO. 97892				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
FILE NAME: P:\2021\21364\44 CADD - DWG\4-7 Twp\CAUD Sites\21364-4-8rc.dgn



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

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

MODEL: Default
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