F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0002	21-00068-00-RS	MCHENRY	60	1
		ILLINOIS	CONTRACT NO. 61M59	

FOR INDEX OF SHEETS SEE SHEET 2

FOR LIST OF APPLICABLE HIGHWAY STANDARDS SEE SHEET 2

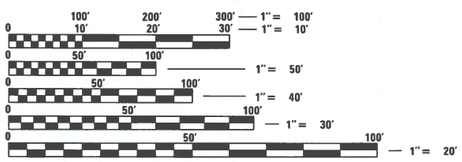
09-18-2026 LETTING ITEM 026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

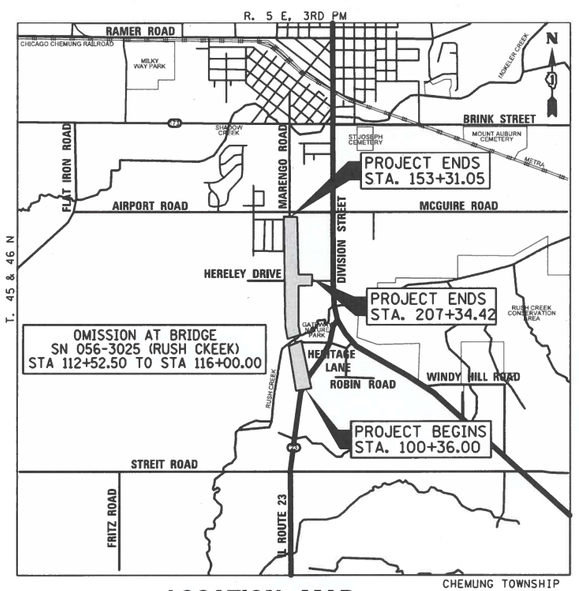
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

MARENGO ROAD (FAU 0006/0205)
IL RTE 23 TO AIRPORT ROAD
ROADWAY REHABILITATION
SECTION 22-00071-00-RS
PROJECT 4QHB(278)
CITY OF HARVARD
MCHENRY COUNTY
JOB NO. C-91-129-23

TRAFFIC DATA
MARENGO ROAD
DESIGN DESTINATION: MAJOR COLLECTOR
POSTED SPEED = 35-45 MPH
TRAFFIC = 2350 (2021)



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.



LOCATION MAP

GROSS LENGTH - 5,829 FT = 1.104 MILES

NET LENGTH - 5,481 FT = 1.038 MILES

BIKE PATH = 0.239 ACRE ADDITIONAL IMPERVIOUS

LOCATION OF SECTION INDICATED THUS:- ■

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Approved _____
City Administrator

Passed July 22, 2026
_____
District 1 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review July 22nd 2026
_____
Regional Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GARY ROZWADOWSKI 062-051689 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

7/21/2026
DATE

GARY ROZWADOWSKI
ILLINOIS REGISTRATION No. 062-051689
EXPIRATION DATE: 11/30/2027

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

CONTRACT NO. 61M59

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/27

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, PE, SCHAUMBURG, IL.

GENERAL NOTES

SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2026; THE LATEST EDITIONS OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD) AND "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS"; THE CITY OF HARVARD ENGINEERING DETAILS AND MUNICIPAL CODE, THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
3. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER MAIN AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE CITY DOES NOT GUARANTEE THEIR ACCURACY.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE CITY.
5. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
6. WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE CITY AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER.
7. ANY EXISTING PAVEMENT DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED/REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.30 OF THE STANDARD SPECIFICATIONS.
8. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR EXISTING UTILITIES IN CONFORMANCE WITH THE AFFECTED UTILITY COMPANIES REQUIREMENTS AS MAY BE REQUIRED TO PERFORM THE WORK OF THIS CONTRACT.
9. THE WORK PERFORMED UNDER THIS CONTRACT SHALL IN NO WAY INTERFERE WITH THE NORMAL OPERATION OF ANY EXISTING UTILITY SERVICE. THE CONTRACTOR SHALL FURNISH ALL NECESSARY ITEMS OF EQUIPMENT REQUIRED TO MAINTAIN SUCH NORMAL OPERATION.
10. WHENEVER, DURING CONSTRUCTION, OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS.
11. WHEN EXISTING DRAINAGE OR SEWERAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PUBLIC OR PRIVATE DRAINS, SEWERS, OR CATCH BASINS, HE SHALL PROVIDE FACILITIES TO TAKE ALL STORM WATER WHICH WOULD BE RECEIVED BY THESE FACILITIES AND DISCHARGE SAME.

MISCELLANEOUS

12. DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
13. RELOCATING EXISTING SIGNS: EXISTING SIGNS WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". STOP SIGNS, SPEED LIMIT SIGNS, AND STREET NAME SIGNS SHALL BE UP AND VISIBLE AT ALL TIMES.
14. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
15. THE CONTRACTOR SHALL NOTIFY THE CITY OF HARVARD AT (815) 943 6468, AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK AND COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
16. IF THERE ARE DISCREPANCIES BETWEEN THE JOB SITE AND WHAT IS SHOWN ON THE CONSTRUCTION PLANS, THE CONTRACTOR MUST IMMEDIATELY REPORT TO THE ENGINEER BEFORE DOING ANY WORK. THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECT BY OMISSIONS OR DISCREPANCIES. IN FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTIONS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
17. NEITHER THE ENGINEER NOR THE CITY IS RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR.
18. THE CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
19. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WETLANDS. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).
20. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
21. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
22. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1
23. TREE ROOT PRUNING LOCATIONS WILL BE VERIFIED BY THE RESIDENT ENGINEER.

SUBSURFACE EXPLORATION DATA

24. LIMITED INVESTIGATION OF SUBSURFACE CONDITIONS AT THE PROPOSED SITE OF WORK HAS BEEN MADE FOR THE PURPOSE OF DESIGN. THE CITY OF HARVARD AND CHRISTOPHER B. BURKE ENGINEERING, LTD. ASSUME NO RESPONSIBILITY WHATSOEVER WITH RESPECT TO THE SUFFICIENCY OR ACCURACY OF THESE PRELIMINARY INVESTIGATIONS, NOR THEIR INTERPRETATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED THAT CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE EXISTING THROUGHOUT THE WORK OR ANY PART OF IT, OR THAT UNFORESEEN DEVELOPMENTS MAY OCCUR. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416.

MCHENRY COUNTY DIVISION OF TRANSPORTATION NOTES

25. CONSTRUCTION AND/OR DETOUR SIGNAGE SHALL NOT BLOCK ANY MCDOT SIGNS AND CANNOT USE THE MCDOT SIGN POSTS.
26. CONTACT AND NOTIFY THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (MCDOT) AT (815)334-4960 AT LEAST 48 HOURS IN ADVANCE OF PLACING SIGNAGE ALONG THE COUNTY HIGHWAY(S).
27. CONSTRUCTION SIGN INSTALLATION CONTRACTOR SHALL CALL JULIE FOR UTILITY LOCATES. MCDOT MAY HAVE STORM DRAIN, SIGNAL AND LIGHTING FACILITIES IN THESE AREAS THAT WILL REQUIRE LOCATES. CONTACT JULIE AT (800)892-0123.
28. THE CONTRACTOR FOR THE PROJECT SHALL PROVIDE TO MCDOT, 24-HOUR CONTACT PERSONNEL INFORMATION FOR THE SIGNAGE COMPANY, AND PROVIDE BEGINNING AND ENDING DATES THE SIGNAGE WILL BE UP.

COMMITMENTS

1. THERE ARE NO COMMITMENTS ASSOCIATED WITH THIS PROJECT.

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1	COVER SHEET
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29-30	HARVARD STANDARD DETAIL (R-2) (R-4) (R-6) (R-11) (SS-6) (SS-8)
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32	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
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38	DRIVEWAY ENTRANCE SIGNING (TC-26)
39-60	CROSS SECTIONS

HIGHWAY STANDARDS

000001-09– STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

280001-07– TEMPORARY EROSION CONTROL SYSTEMS

424001-12– PERPENDICULAR CURB RAMPS FOR SIDEWALKS

606001-09– CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

701006-05 – OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE

701301-04 – LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

701311-03 – LANE CLOSURE, 2L, 2W, MOVING OPERATIONS – DAY ONLY

701501-06 – URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

701502-09 – URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

701701-10 – URBAN LANE CLOSURE, MULTILANE INTERSECTION

701801~~06~~ – SIDEWALK, CORNER OR CROSSWALK CLOSURE

701901-11 – TEMPORARY CONTROL DEVICES

720001-01 – SIGN PANEL MOUNTING DETAILS

720006-04 – SIGN PANEL ERECTION DETAILS

728001-01 – TELESCOPING STEEL SIGN SUPPORT

731001-01 – BASE FOR TELESCOPING STEEL SIGN SUPPORT

780001-05 – TYPICAL PAVEMENT MARKINGS

D-1 DETAILS

BD-08 –DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

BD-32-BUTT JOINT AND HMA DETAILS

BD-51-BENCHING DETAIL FOR EMBANKMENT WIDENING

TC-10 – TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS DETAIL

TC-13 – DISTRICT ONE TYPICAL PAVEMENT MARKINGS

TC-16 –SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

CITY OF HARVARD DETAILS

HARVARD R-2 – SINGLE FAMILY RESIDENTIAL DRIVEWAY APPROACH DETAIL

HARVARD R-4 – PUBLIC STREETS PAVEMENT SECTION

HARVARD R-6 – SIDEWALK DETAIL

HARVARD R-11 – STREET SIGN AND POST

HARVARD SS-6 – TEMPORARY SILTATION BASKET INSTALLATION BETWEEN INLET FRAME AND GRATE DETAIL

HARVARD SS-8 – TYPICAL STORM SEWER TRENCH CROSS SECTION DETAIL

SUMMARY OF QUANTITIES			80%FEDERAL/20% LOCAL	
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	20101100	TREE TRUNK PROTECTION	EACH	4
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	33
*	20101200	TREE ROOT PRUNING	EACH	14
	20200100	EARTH EXCAVATION	CU YD	699
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	823
	20400800	FURNISHED EXCAVATION	CU YD	400
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	369
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1103
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	200
*	25000110	SEEDING, CLASS 1A	ACRE	1.76
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	157
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	157
*	25100630	EROSION CONTROL BLANKET	SQ YD	8414
*	25200200	SUPPLEMENTAL WATERING	UNIT	10
	28000305	TEMPORARY DITCH CHECKS	FOOT	108
	28000400	PERIMETER EROSION BARRIER	FOOT	3603
	28000500	INLET AND PIPE PROTECTION	EACH	41
	28000510	INLET FILTERS	EACH	2
	28100103	STONE RIPRAP, CLASS A2	SQ YD	24
	30201700	PORTLAND CEMENT	TON	391

* DENOTES SPECIALITY ITEM

SUMMARY OF QUANTITIES			80%FEDERAL/20% LOCAL	
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	357
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1283
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	345
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	40
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	40579
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4058
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	90
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2539
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1946
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	496
	42400800	DETECTABLE WARNINGS	SQ FT	32
	44000100	PAVEMENT REMOVAL	SQ YD	1334
	44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	17466
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	48
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1583
	44000600	SIDEWALK REMOVAL	SQ FT	865
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	4048
	50105220	PIPE CULVERT REMOVAL	FOOT	154
	54213655	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 10"	EACH	4
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8

* DENOTES SPECIALITY ITEM

	SUMMARY OF QUANTITIES		80%FEDERAL/20% LOCAL	
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	542C0215	PIPE CULVERTS, CLASS C, TYPE 1 10"	FOOT	106
	542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	148
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	45
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1
	60603800	COMBINATION CURB AND GUTTER, TYPE B-6.12	FOOT	1747
	67100100	MOBILIZATION	L SUM	1
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	80
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	144
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	20277
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	768
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	82
	70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	144
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	10138
	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	384
	70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	82
*	72000100	SIGN PANEL - TYPE 1	SQ FT	33.75
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	12.5
*	72500400	OBJECT MARKER - TYPE 4	EACH	2
*	72900100	METAL POST - TYPE A	FOOT	55

* DENOTES SPECIALITY ITEM

	SUMMARY OF QUANTITIES		80%FEDERAL/20% LOCAL	
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	144
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	20277
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	768
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	564
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	82
*	A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4
*	A2005516	TREE, NYSSA SYLVATICA (BLACK TUPELO), 2" CALIPER, BALLED AND BURLAPPED	EACH	2
*	B2010070	TREE, CLADRASTIS LUTEA (AMERICAN YELLOWWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	2
	LR400890	FULL-DEPTH RECLAMATION, 9.0"	SQ YD	17808
	X0327301	RELOCATE EXISTING MAILBOX	EACH	2
	X0327902	MAILBOX REMOVE AND REPLACE	EACH	2
	X4060280	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	44
	X5427602	REMOVE EXISTING FLARED END SECTION	EACH	1
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3
	XX001050	TRENCH BACKFILL (SPECIAL)	CU YD	29
	Z0013798	CONSTRUCTION LAYOUT	L. SUM	1
	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	2

* DENOTES SPECIALITY ITEM

DESIGNED GR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MARENGO ROAD REHABILITATION SUMMARY OF QUANTITIES
DRAWN - PM	REVISED -		
CHECKED GR	REVISED		
DATE -	REVISED -		SCALE: SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	6

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT

EARTHWORK SCHEDULE – MARENGO ROAD

EARTHWORK SCHEDULE

STA.	EARTH EXCAVATION VOLUME (CY)	EARTH EXCAVATION (15% SHRINKAGE	EMBANKMENT AVG AREA (SF)	EARTHWORK BALANCE WASTE(+) or SHORTAGE (-)
100+50.00				
	0.65	0.55	0.50	-0.38
101+00.00				
	0.19	0.16	0.45	-0.68
101+50.00				
	0.07	0.06	2.00	-2.74
101+87.77				
	0.00	0.00	6.35	-14.64
102+50.00				
	0.00	0.00	7.80	-14.44
103+00.00				
	0.83	0.71	5.85	-10.13
103+50.00				
	1.30	1.10	4.50	-7.23
104+00.00				
	1.67	1.42	4.55	-7.01
104+50.00				
	3.61	3.07	5.85	-7.76
105+00.00				
	2.41	2.05	4.80	-6.84
105+50.00				
	0.00	0.00	3.50	-6.48
106+00.00				
	0.00	0.00	3.65	-6.76
106+50.00				
	0.00	0.00	2.95	-5.46
107+00.00				
	0.00	0.00	2.85	-5.28
107+50.00				
	0.00	0.00	2.40	-1.69
107+69.00				
	0.98	0.83	2.05	-1.52
108+00.00				
	1.57	1.34	4.45	-6.90
108+50.00				
	0.00	0.00	5.20	-11.94
109+12.00				
	1.06	0.90	5.15	-6.35
109+50.00				
	1.94	1.65	5.45	-8.44
110+00.00				
	1.85	1.57	4.80	-7.31
110+50.00				
	1.76	1.50	4.05	-6.00
111+00.00				
	0.46	0.39	3.65	-6.37
111+50.00				
	0.19	0.16	2.90	-5.21
112+00.00				
	0.19	0.16	3.40	-6.14
112+50.00				
	0.00	0.00	2.55	-4.72
113+00.00				
	0.00	0.00	0.00	0.00

EARTHWORK SCHEDULE

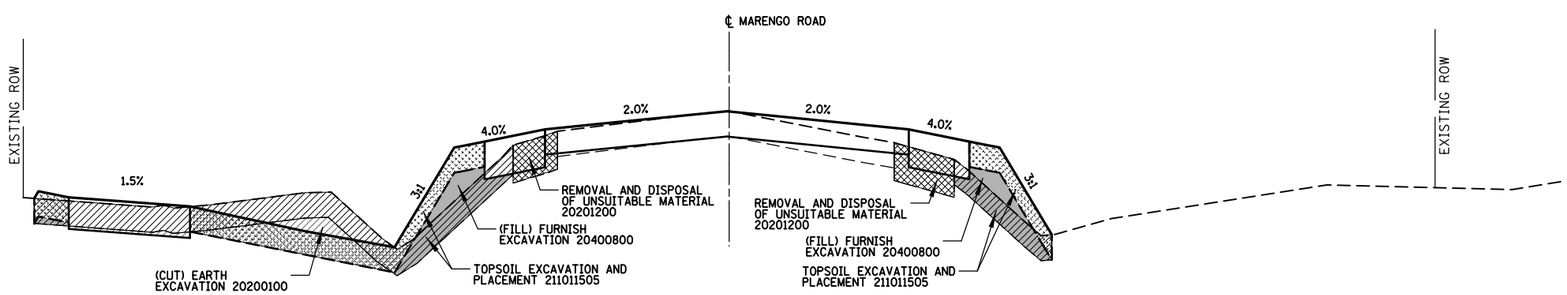
STA.	EARTH EXCAVATION VOLUME (CY)	EARTH EXCAVATION (15% SHRINKAGE	EMBANKMENT AVG AREA (SF)	EARTHWORK BALANCE WASTE(+) or SHORTAGE (-)
115+50.00				
	23.24	19.75	17.60	-12.84
116+00.00				
	46.57	39.59	33.75	-22.91
116+50.00				
	23.33	19.83	21.45	-19.89
117+00.00				
	0.00	0.00	11.20	-20.74
117+50.00				
	4.17	3.54	13.25	-21.00
118+00.00				
	14.44	12.28	12.95	-11.70
118+50.00				
	7.90	6.71	6.55	0.40
118+76.00				
	8.53	7.25	1.65	5.79
119+00.00				
	52.13	44.31	10.90	24.13
119+50.00				
	55.19	46.91	12.55	23.67
120+00.00				
	16.48	14.01	5.55	3.73
120+50.00				
	0.63	0.53	7.85	-15.87
121+06.41				
	0.00	0.00	10.95	-17.68
121+50.00				
	0.00	0.00	9.55	-17.69
122+00.00				
	0.00	0.00	7.00	-6.22
122+24.00				
	0.00	0.00	5.55	-5.34
122+50.00				
	0.00	0.00	3.70	-6.85
123+00.00				
	0.00	0.00	3.35	-6.20
123+50.00				
	0.00	0.00	4.55	-8.43
124+00.00				
	0.00	0.00	5.55	-10.28
124+50.00				
	0.00	0.00	4.30	-7.96
125+00.00				
	0.00	0.00	4.15	-7.69
125+50.00				
	0.00	0.00	3.85	-7.13
126+00.00				
	0.00	0.00	1.60	-1.48
126+25.00				
	0.00	0.00	0.20	-0.19
126+50.00				
	0.00	0.00	0.20	-0.37
127+00.00				
	0.00	0.00	0.10	-0.19

EARTHWORK SCHEDULE

STA.	EARTH EXCAVATION VOLUME (CY)	EARTH EXCAVATION (15% SHRINKAGE	EMBANKMENT AVG AREA (SF)	EARTHWORK BALANCE WASTE(+) or SHORTAGE (-)
127+50.00				
	0.00	0.00	0.05	-0.09
128+00.00				
	0.00	0.00	0.00	0.00
128+50.00				
	0.00	0.00	0.00	0.00
129+00.00				
	0.00	0.00	0.00	0.00
129+50.00				
	0.00	0.00	0.05	-0.09
130+00.00				
	0.00	0.00	0.25	-0.46
130+50.00				
	0.00	0.00	0.30	-0.56
131+00.00				
	0.00	0.00	0.30	-0.56
131+50.00				
	0.00	0.00	0.20	-0.61
132+32.00				
	0.00	0.00	1.75	-4.41
133+00.00				
	0.00	0.00	2.10	-3.89
133+50.00				
	0.00	0.00	0.45	-0.83
134+00.00				
	0.00	0.00	0.15	-0.18
134+33.00				
	0.12	0.11	0.10	-0.14
135+00.00				
	0.09	0.08	0.20	-0.29
135+50.00				
	0.00	0.00	0.35	-0.65
136+00.00				
	0.00	0.00	0.35	-0.65
136+50.00				
	0.00	0.00	0.50	-0.93
137+00.00				
	0.00	0.00	0.55	-1.02
137+50.00				
	0.09	0.08	0.35	-0.57
138+00.00				
	0.46	0.39	0.15	0.12
138+50.00				
	0.47	0.40	0.05	0.28
139+14.00				
	1.87	1.59	0.45	0.99
139+50.00				
	3.15	2.68	1.45	-0.01
140+00.00				
	0.83	0.71	2.10	-3.18
140+50.00				
	0.28	0.24	8.30	-15.13
141+00.00				
	0.16	0.13	17.30	-17.81

EARTHWORK SCHEDULE

STA.	EARTH EXCAVATION VOLUME (CY)	EARTH EXCAVATION (15% SHRINKAGE	EMBANKMENT AVG AREA (SF)	EARTHWORK BALANCE WASTE(+) or SHORTAGE (-)
141+28.00				
	0.24	0.21	14.20	-11.36
141+50.00				
	8.61	7.32	4.80	-1.57
142+00.00				
	14.63	12.44	2.55	7.71
142+50.00				
	12.50	10.63	4.30	2.66
143+00.00				
	12.78	10.86	4.70	2.16
143+50.00				
	11.76	10.00	4.85	1.01
144+00.00				
	7.22	6.14	5.40	-3.86
144+50.00				
	5.93	5.04	5.55	-5.24
145+00.00				
	7.31	6.22	5.45	-3.88
145+50.00				
	7.22	6.14	5.45	-3.95
146+00.00				
	8.61	7.32	5.65	-3.14
146+50.00				
	10.56	8.97	5.80	-1.77
147+00.00				
	10.19	8.66	5.75	-1.99
147+50.00				
	8.70	7.40	5.45	-2.69
148+00.00				
	8.33	7.08	5.10	-2.36
148+50.00				
	6.02	5.12	4.05	-2.38
149+00.00				
	5.92	5.03	2.05	1.92
149+41.00				
	12.89	10.96	2.30	5.93
150+00.00				
	9.22	7.83	3.05	0.72
150+63.00				
	2.95	2.50	2.10	-0.37
151+00.00				
	2.59	2.20	2.10	-1.69
151+50.00				
	2.93	2.49	2.05	0.82
151+72.00				
	8.61	7.32	1.20	6.07
152+00.00				
	8.98	7.63	0.45	6.80
152+50.00				
	475.56	**404.23**	**463.65**	**-400.47**



TYPICAL SECTION – EARTHWORK SUMMARY AREAS

SUMMARY - MARENGO ROAD		
(CUT) EARTH EXCAVATION 20200100	(FILL) FURNISHED EXCAVATION 20400800	TOPSOIL EXCAVATION AND PLACEMENT 21101505
(CU YD)	(CU YD)	(CU YD)
476	400	1025

FILE NAME =	USER NAME = pmagnelli	DESIGNED - GR	REVISED -
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	PLOT SCALE = 10'	CHECKED - GR	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

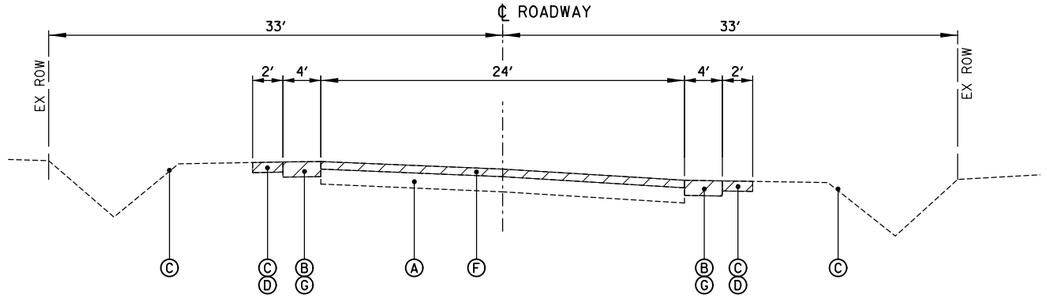
MARENGO ROAD REHABILITATION
EARTHWORK SCHEDULE – MARENGO ROAD

SCALE: | SHEET 1 OF 3 SHEETS | STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	7

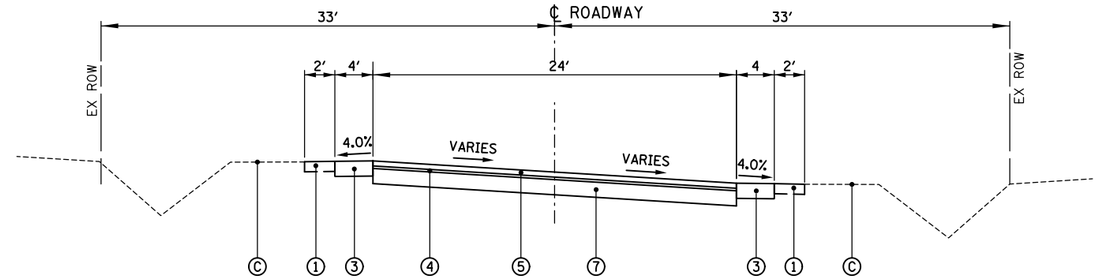
CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



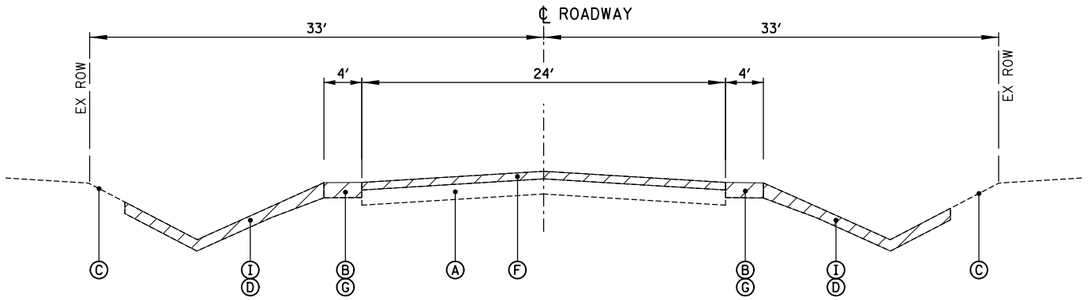
EXISTING TYPICAL SECTION

MARENGO ROAD
STA. 100+36 TO STA. 102+50



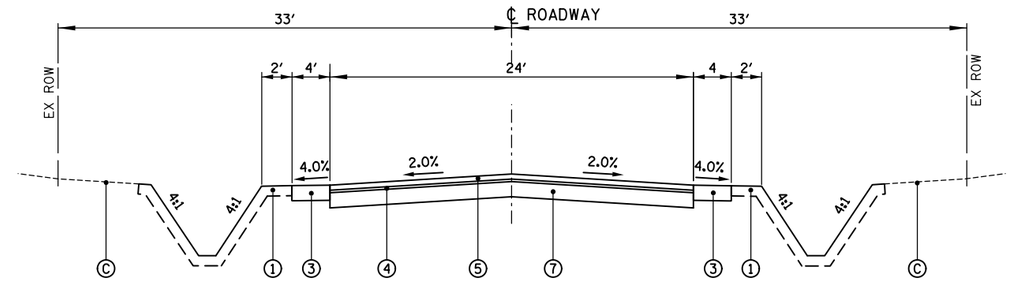
PROPOSED TYPICAL SECTION

MARENGO ROAD
STA. 100+36 TO STA. 102+50



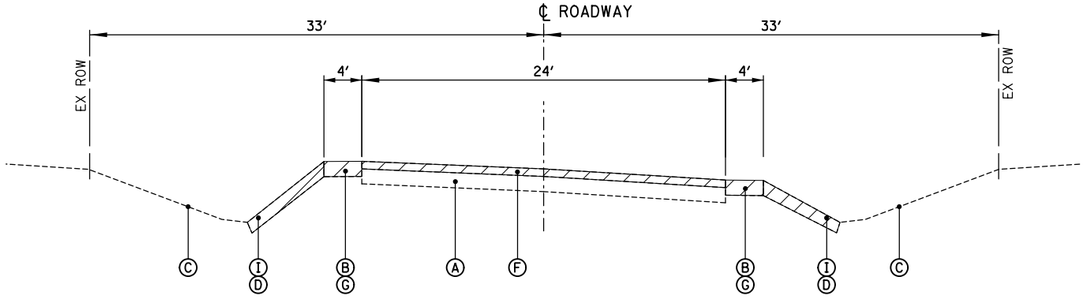
EXISTING TYPICAL SECTION

MARENGO ROAD
STA. 102+50 TO STA. 112+52.50



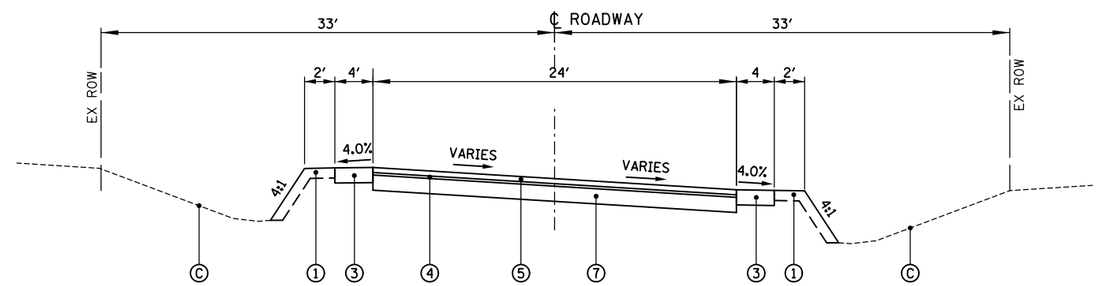
PROPOSED TYPICAL SECTION

MARENGO ROAD
STA. 102+50 TO STA. 112+52.50



EXISTING TYPICAL SECTION

MARENGO ROAD
STA. 116+00 TO STA. 123+50



PROPOSED TYPICAL SECTION

MARENGO ROAD
STA. 116+00 TO STA. 123+50

MARENGO ROAD EXISTING PAVEMENT CORE DATA

CORE NUMBER	STATION FROM	TOTAL HOT-MIX ASPHALT THICKNESS	TOTAL GRANULAR BASE COURSE THICKNESS
C-6	101+50	7.75″	7.25″
C-5	111+50	6.50″	5.50″
C-4	121+50	8.0″	4.0″
C-3	131+00	6.30″	7.50″
C-2	141+15	6.50″	3.50″
C-1	151+15	8.0″	4.50″

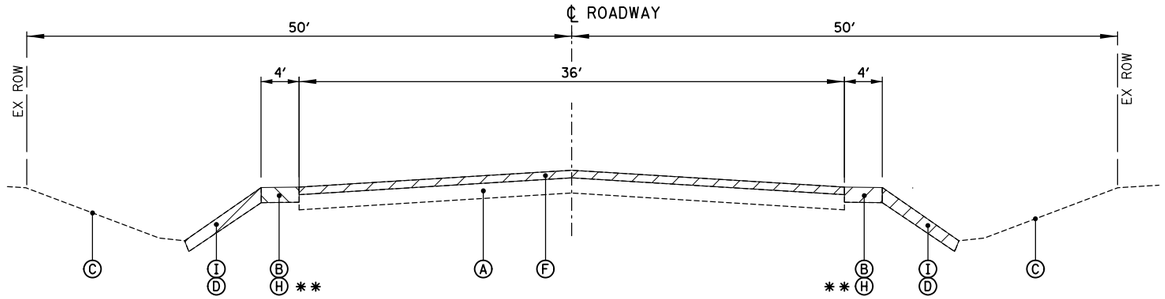
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @NDES	QMP
ROADWAY-MARENGO ROAD AND HERELEY DRIVE		
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, IL-9.5, N50; 1 3/4″	4% @ 50 GYR	LR 1030 - 2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/4″	4% @ 50 GYR	LR 1030 - 2
BIKE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, IL-9.5, N50; 2″	4% @ 50 GYR	LR 1030 - 2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 3″	4% @ 50 GYR	LR 1030 - 2
HMA DRIVEWAY PAVEMENT 3″		
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, IL-9.5, N50; 3″ (In 2 LIFTS)	4% @ 50 GYR	LR 1030 - 2
ROADWAY-TALL GRASS DRIVE		
HOT-MIX ASPHALT SURFACE COURSE, MIX ″D″, IL-9.5, N50; 1 3/4″	4% @ 50 GYR	LR 1030 - 2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 3″	4% @ 50 GYR	LR 1030 - 2
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

LEGEND

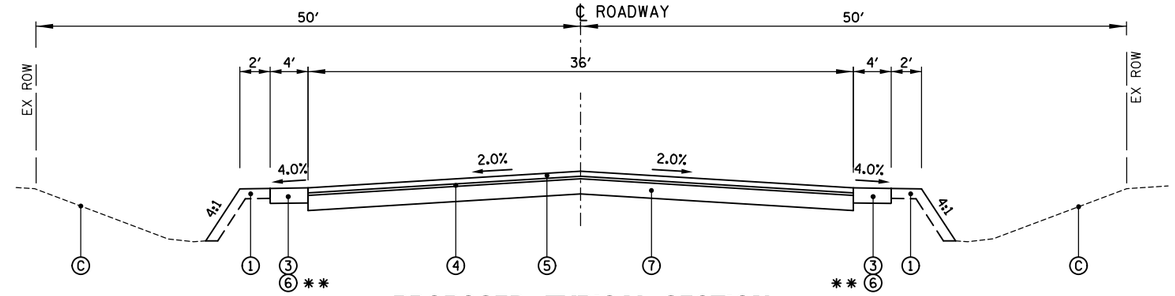
- REMOVAL ITEMS
- (A) EXISTING PAVEMENT
- (B) EXISTING SHOULDER
- (C) EXISTING TOPSOIL AND GROUND COVER
- (D) EARTH EXCAVATION (20200100)
- (E) EXISTING CURB AND GUTTER
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, 5″ (44000165)
- (G) AGGREGATE SHOULDER (TO BE PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL)
- (H) BITUMINOUS SHOULDER (TO BE PAID FOR AS PAVEMENT REMOVAL 6″)
- (I) TOPSOIL REMOVAL, 4″ (TO BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT) (21101505)
- (1) TOPSOIL FURNISH AND PLACE, 4″ (TO BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT) (21101505) SEEDING, CLASS 1A (25000110) NITROGEN FERTILIZER NUTRIENT (25000400) POTASSIUM FERTILIZER NUTRIENT (250000600) EROSION CONTROL BLANKET (25100630)
- (2) BIKE PATH (5″ HOT-MIX ASPHALT, 4″ AGGREGATE)
- (3) AGGREGATE SHOULDER, TYPE B, 6″ (48101500)
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4″
- (5) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX ″D″, N50, 1 3/4″ (40604060)
- (6) B-6.12 CURB AND GUTTER
- (7) FULL DEPTH RECLAMATION 9″ CEMENT STABILIZATION

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/IN.
THE ″AC TYPE″ FOR NON-POLYMERIZED HMA MIXES SHALL BE ″PG-64-22″ UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



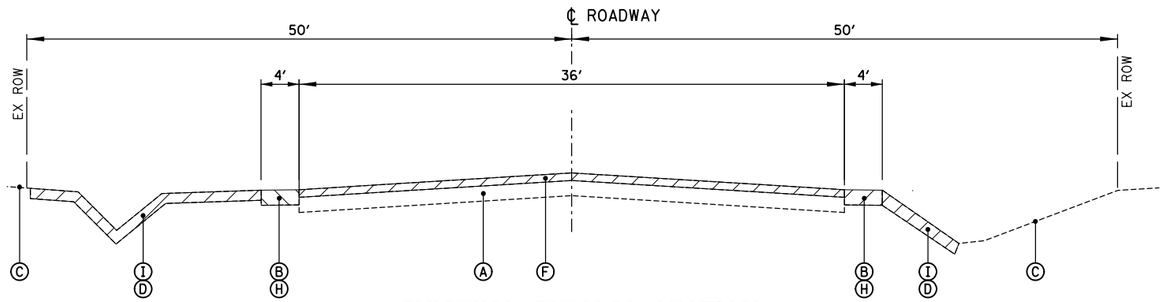
EXISTING TYPICAL SECTION

MARENGO ROAD
STA. 123+50 TO STA. 139+00
[STA. 131+50 TO STA. 134+50 (CURB AND GUTTER) **]



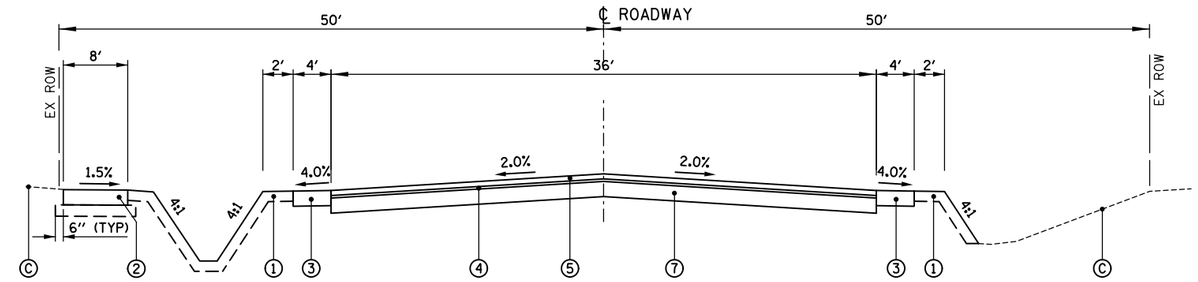
PROPOSED TYPICAL SECTION

MARENGO ROAD
STA. 123+50 TO STA. 139+00
[STA. 131+00 TO STA. 134+50 (CURB AND GUTTER) **]



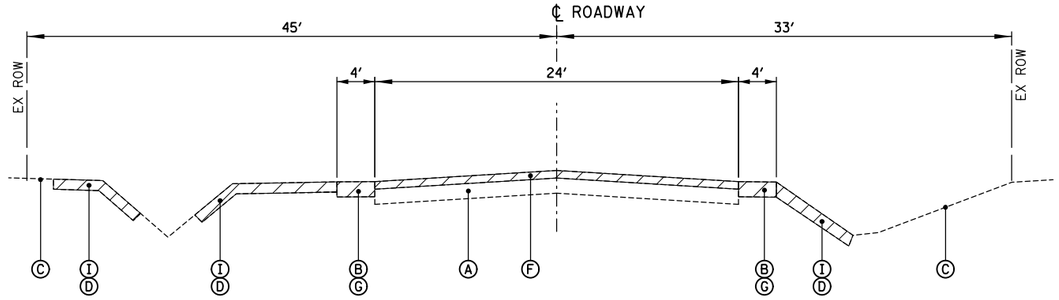
EXISTING TYPICAL SECTION

MARENGO ROAD
STA. 139+00 TO STA. 142+00



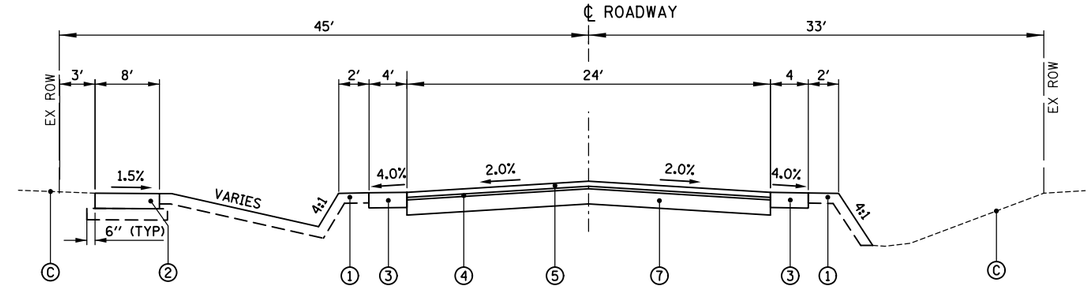
PROPOSED TYPICAL SECTION

MARENGO ROAD
STA. 139+00 TO STA. 142+00



EXISTING TYPICAL SECTION

MARENGO ROAD
STA. 142+00 TO STA. 152+00

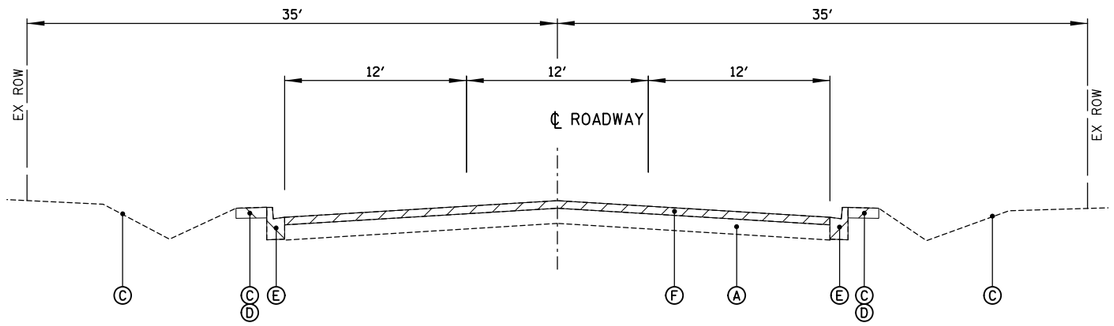


PROPOSED TYPICAL SECTION

MARENGO ROAD
STA. 142+00 TO STA. 152+00

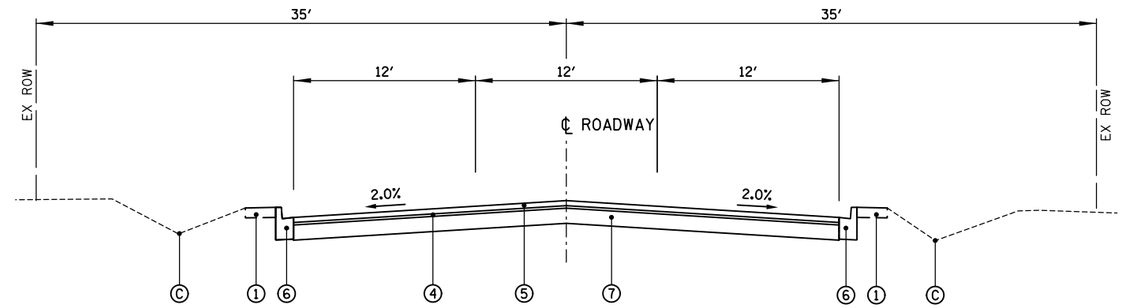
LEGEND

- REMOVAL ITEMS
- (A) EXISTING PAVEMENT
- (B) EXISTING SHOULDER
- (C) EXISTING TOPSOIL AND GROUND COVER
- (D) EARTH EXCAVATION (20200100)
- (E) EXISTING CURB AND GUTTER
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, 5″ (44000165)
- (G) AGGREGATE SHOULDER (TO BE PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL)
- (H) BITUMINOUS SHOULDER (TO BE PAID FOR AS PAVEMENT REMOVAL 6″)
- (I) TOPSOIL REMOVAL, 4″ (TO BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT) (21101505)
- (1) TOPSOIL FURNISH AND PLACE, 4″ (TO BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT) (21101505) SEEDING, CLASS 1A (25000110) NITROGEN FERTILIZER NUTRIENT (25000400) POTASSIUM FERTILIZER NUTRIENT (25000600) EROSION CONTROL BLANKET (25100630)
- (2) BIKE PATH (5″ HOT-MIX ASPHALT, 4″ AGGREGATE)
- (3) AGGREGATE SHOULDER, TYPE B, 6″ (48101500)
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4″
- (5) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX ″D″, N50, 1 3/4″ (40604060)
- (6) B-6.12 CURB AND GUTTER
- (7) FULL DEPTH RECLAMATION 9″ CEMENT STABILIZATION



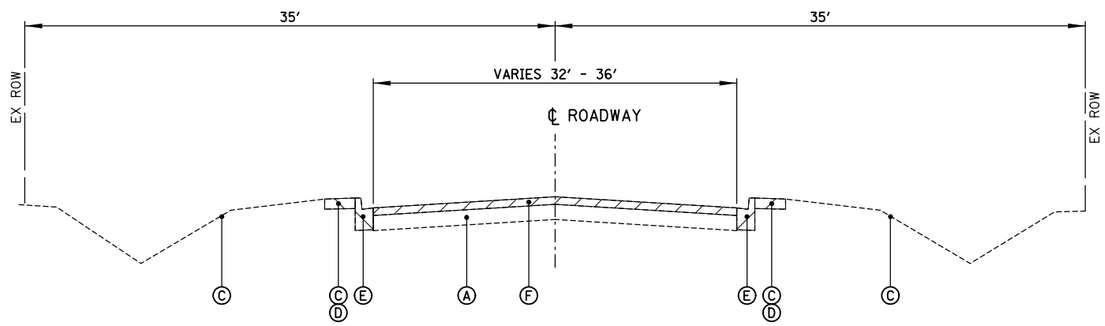
EXISTING TYPICAL SECTION

HERELEY DRIVE
STA. 200+00 TO STA. 204+17



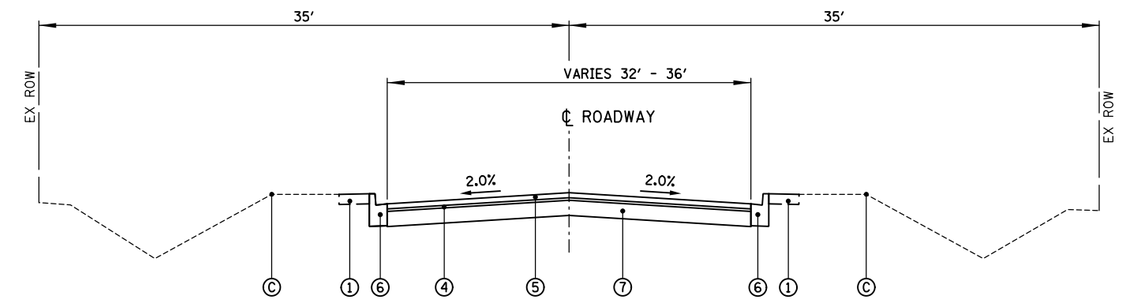
PROPOSED TYPICAL SECTION

HERELEY DRIVE
STA. 200+00 TO STA. 204+17



EXISTING TYPICAL SECTION

HERELEY DRIVE
STA. 204+17 TO STA. 207+34



PROPOSED TYPICAL SECTION

HERELEY DRIVE
STA. 204+17 TO STA. 207+34

LEGEND

- REMOVAL ITEMS
- (A) EXISTING PAVEMENT
- (B) EXISTING SHOULDER
- (C) EXISTING TOPSOIL AND GROUND COVER
- (D) EARTH EXCAVATION (20200100)
- (E) EXISTING CURB AND GUTTER
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, 5" (44000165)
- (G) AGGREGATE SHOULDER (TO BE PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL)
- (H) BITUMINOUS SHOULDER (TO BE PAID FOR AS PAVEMENT REMOVAL 6")
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- (2) BIKE PATH (5" HOT-MIX ASPHALT, 4" AGGREGATE)
- (3) AGGREGATE SHOULDER, TYPE B, 6" (48101500)
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- (5) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1 3/4" (40604060)
- (6) B-6.12 CURB AND GUTTER
- (7) FULL DEPTH RECLAMATION 9" CEMENT STABILIZATION

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

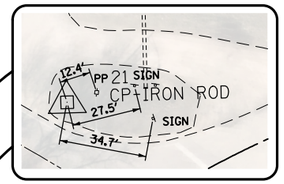
MARENGO ROAD REHABILITATION
TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	10

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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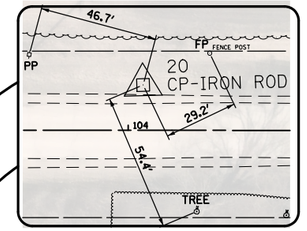
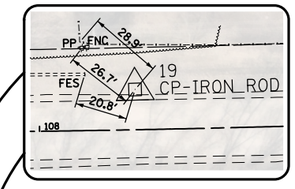
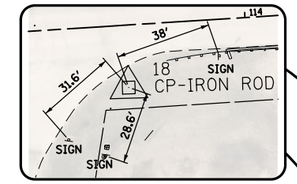


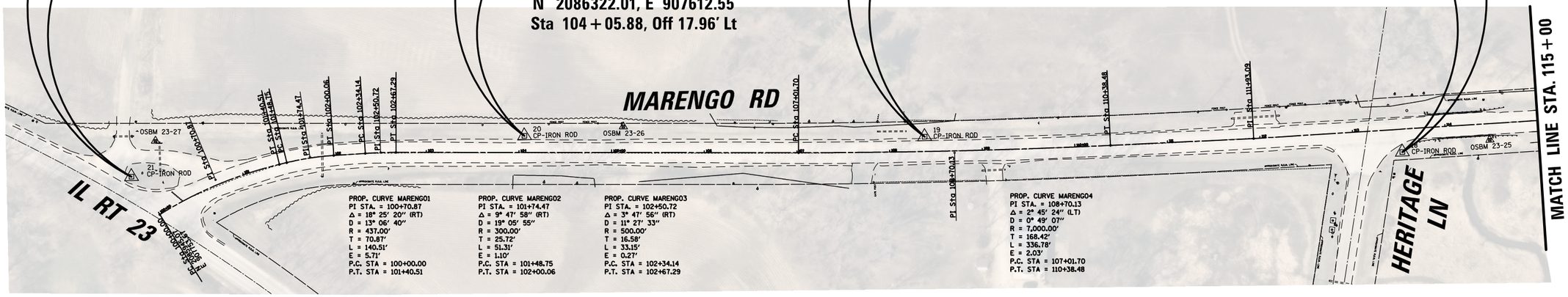
CP 20
N 2086322.01, E 907612.55
Sta 104 + 05.88, Off 17.96' Lt

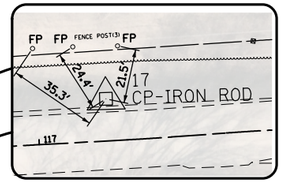


CP 19
N 2086749.49, E 907550.88
Sta 108 + 38.11, 15.97' Lt



CP 18
N 2087261.91, E 907492.51
Sta 113 + 52.33, 24.72' Rt





CP 17
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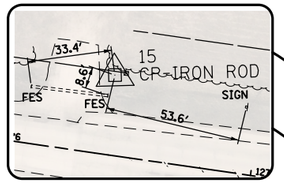
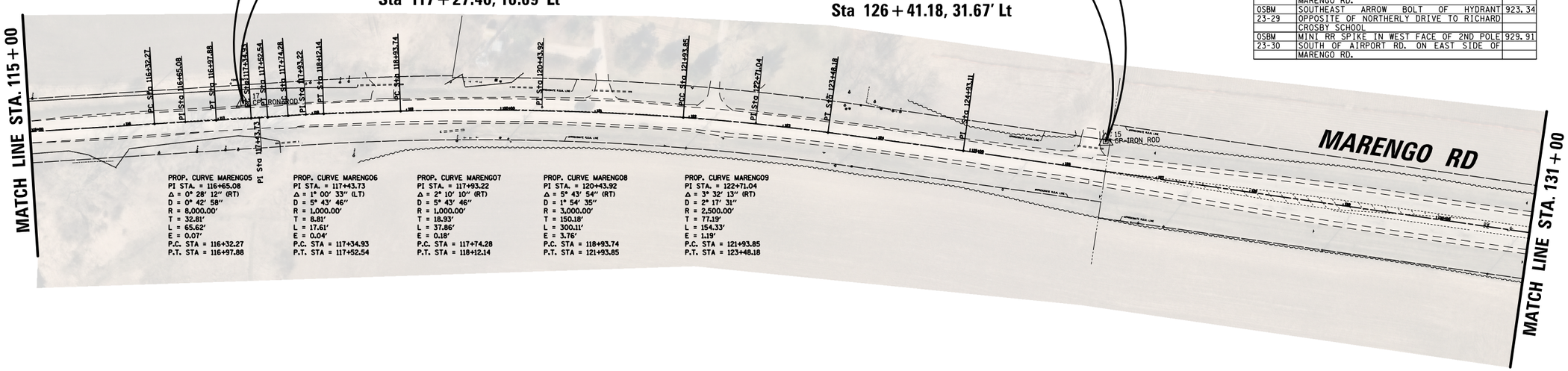
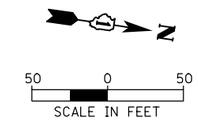
Sta 117 + 27.40, 16.69' Lt



CP 15
N 2088531.83, E 907282.10
Sta 126 + 41.18, 31.67' Lt

ELEVATION BENCHMARKS DATUM:NAVD '88 (GPS OBERVED)		
NO.	DESCRIPTION	ELEV.
NGS	NGS DISK IN CONC. ON EAST SIDE OF	913.05
AJ2981	MARENGO RD. NEAR MAILBOX TO ADDRESS	
	#5007 MARENGO RD.	
OSBM	SQUARE CUT ON CONC. WALL ON EAST SIDE	913.96
23-25	OF BRIDGE ON MARENGO RD. JUST NORTH OF	
	HERITAGE LN. AT NORTHWEST CORNER OF	
	NORTH END OF BRIDGE	
OSBM	MINI RR SPIKE IN EASTERLY SIDE OF 5TH	924.37
23-26	UTILITY POLE NORTH OF RT. 23 ON WEST	
	SIDE OF MARENGO RD.	
OSBM	SQUARE CUT ON CENTER OF CONC. HEADWALL	919.57
23-27	AT WESTERLY CULVERT OF DRIVE AT NW	
	CORNER OF MARENGO RD. & RT. 23	
OSBM	SOUTHEAST ARROW BOLT OF 1ST HYDRANT	921.90
23-28	NORTH OF HERELEY DR. ON EAST SIDE OF	
	MARENGO RD.	
OSBM	SOUTHEAST ARROW BOLT OF HYDRANT	923.34
23-29	OPPOSITE OF NORTHERLY DRIVE TO RICHARD	
	CROSBY SCHOOL	
OSBM	MINI RR SPIKE IN WEST FACE OF 2ND POLE	929.91
23-30	SOUTH OF AIRPORT RD. ON EAST SIDE OF	
	MARENGO RD.	





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	PLOT SCALE = 120'	CHECKED - BG	REVISED -	
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -	

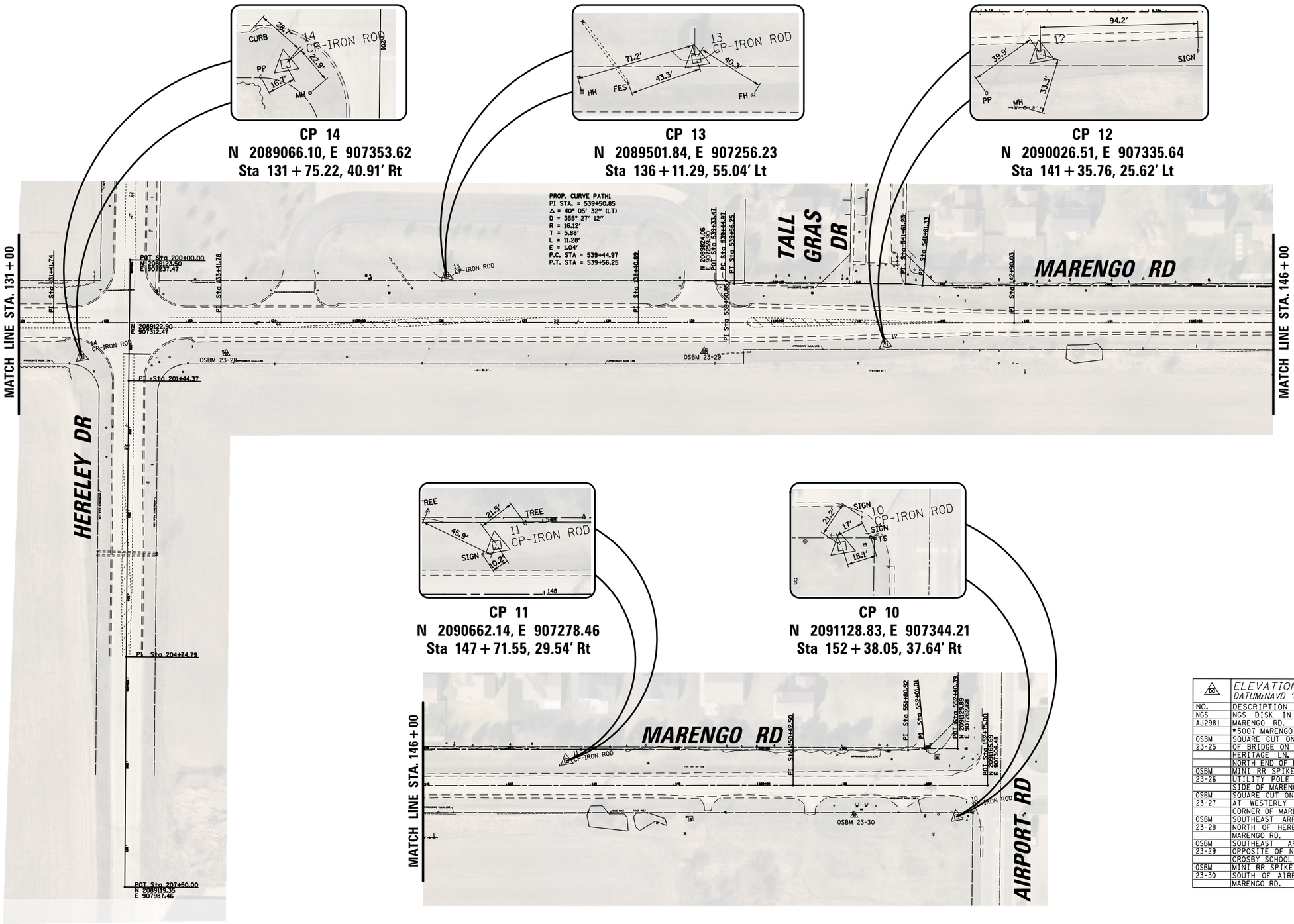
MARENGO ROAD REHABILITATION
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 120' | SHEET 1 OF 2 SHEETS | STA. 100+00 TO STA. 131+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	11

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



ELEVATION BENCHMARKS DATUM:NAVD '88 (GPS OBERVED)		
NO.	DESCRIPTION	ELEV.
NGS	NGS DISK IN CONC. ON EAST SIDE OF	913.05
AJ2981	MARENGO RD. NEAR MAILBOX TO ADDRESS	
	#5007 MARENGO RD.	
OSBM	SQUARE CUT ON CONC. WALL ON EAST SIDE	913.96
23-25	OF BRIDGE ON MARENGO RD. JUST NORTH OF	
	HERITAGE LN. AT NORTHWEST CORNER OF	
	NORTH END OF BRIDGE	
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23-26	UTILITY POLE NORTH OF RT. 23 ON WEST	
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OSBM	SOUTHEAST ARROW BOLT OF 1ST HYDRANT	921.90
23-28	NORTH OF HERELEY DR. ON EAST SIDE OF	
	MARENGO RD.	
OSBM	SOUTHEAST ARROW BOLT OF HYDRANT	923.34
23-29	OPPOSITE OF NORTHERLY DRIVE TO RICHARD	
	CROSBY SCHOOL	
OSBM	MINI RR SPIKE IN WEST FACE OF 2ND POLE	929.91
23-30	SOUTH OF AIRPORT RD. ON EAST SIDE OF	
	MARENGO RD.	

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

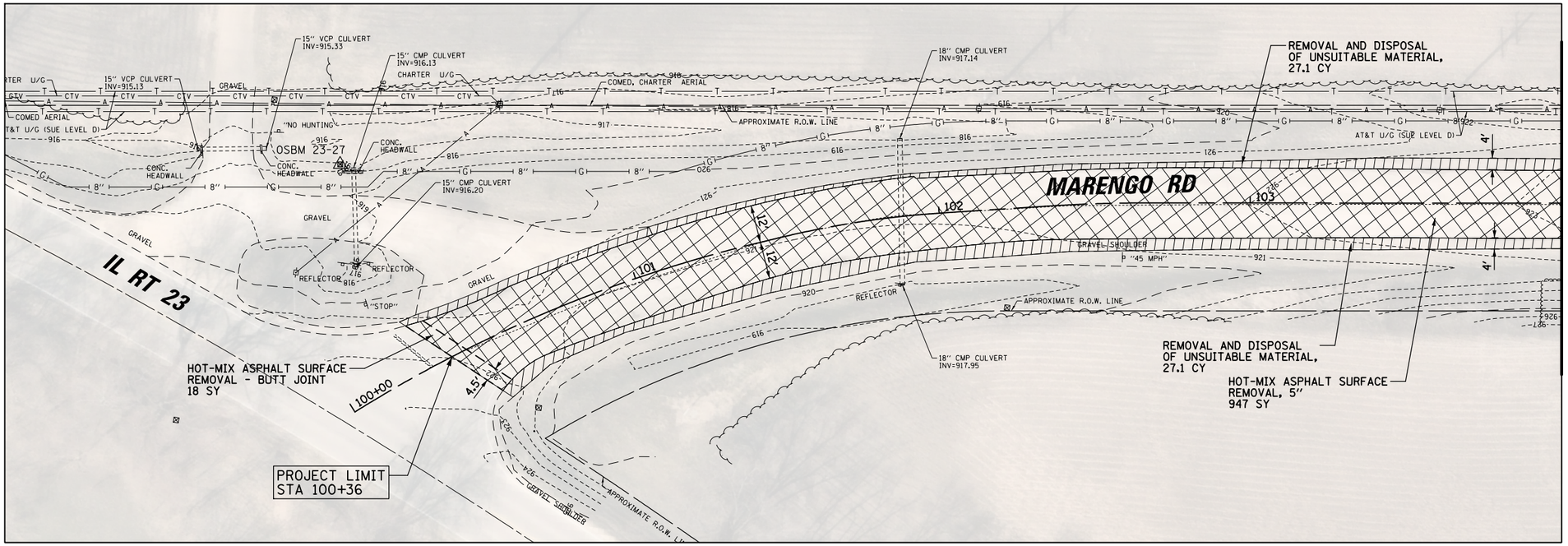
MARENGO ROAD REHABILITATION
ALIGNMENT, TIES AND BENCHMARKS

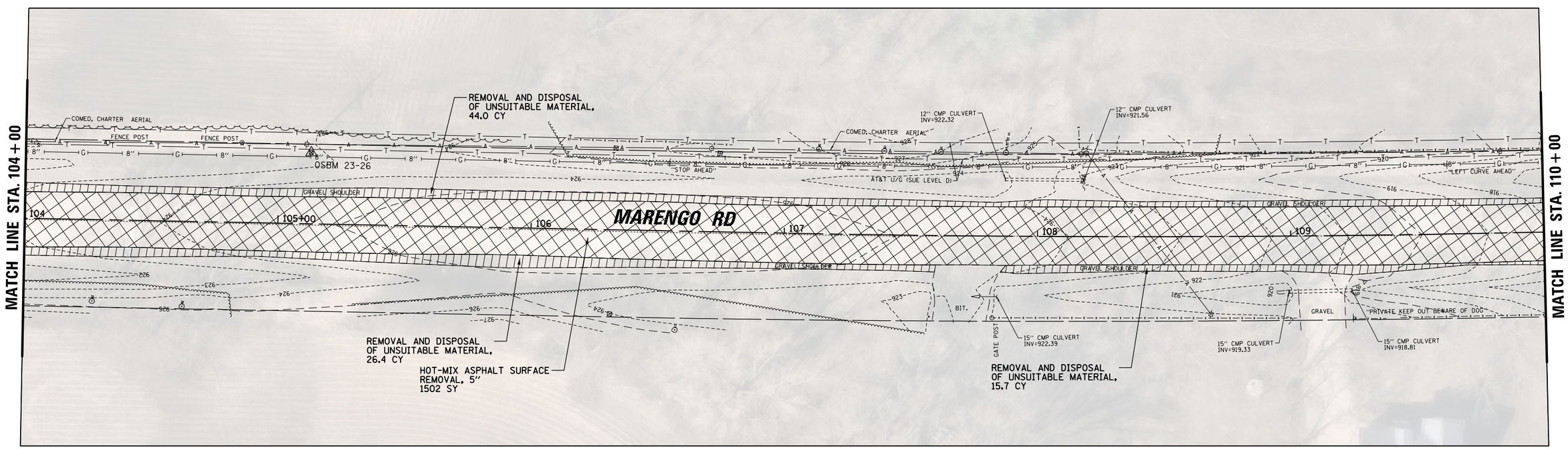
SCALE: 120' | SHEET 2 OF 2 SHEETS | STA. 131+00 TO STA. 142+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	12

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT





20 0 20
SCALE IN FEET

PAVEMENT REMOVAL LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY REMOVAL
- AGGREGATE SHOULDER REMOVAL
- BITUMINOUS SHOULDER REMOVAL
- SIDEWALK REMOVAL
- CURB/GUTTER REMOVAL
- PIPE CULVERT REMOVAL
- EARTH EXCAVATION
- BUTT JOINT LIMIT
- TREE REMOVAL
- TREE PROTECTION

"AERIAL PHOTOGRAPHY SHOWN ON THESE DRAWINGS IS CURRENT AS OF 2019.
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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

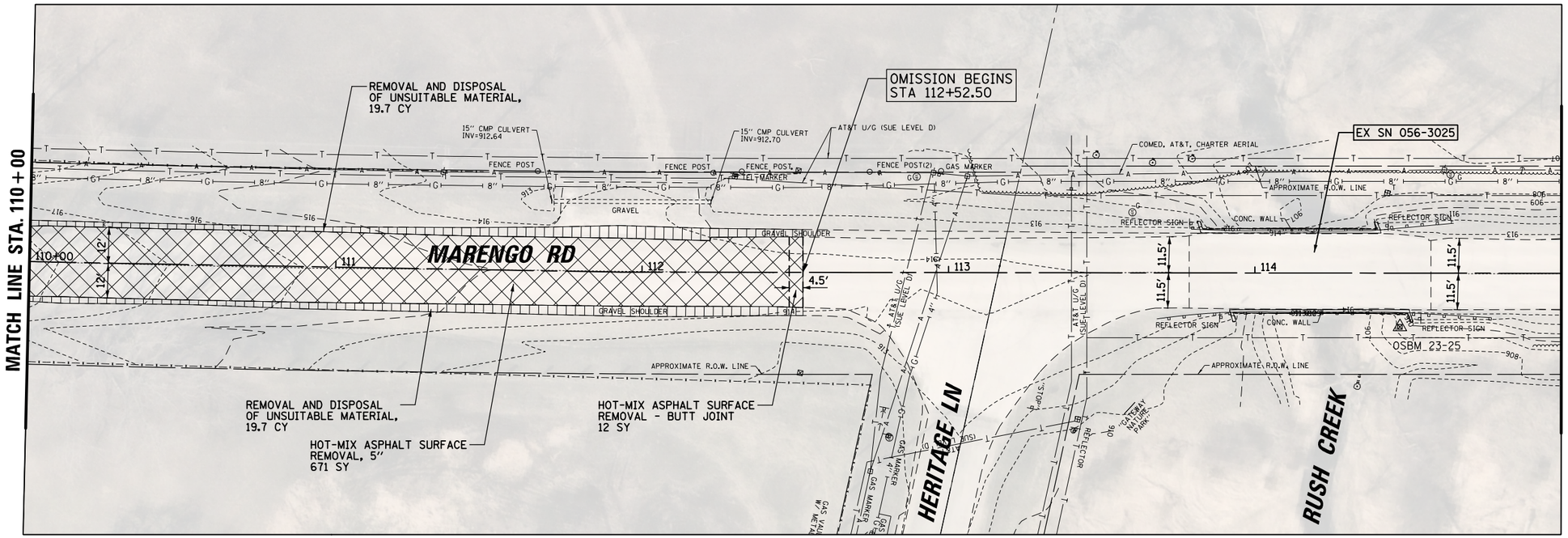
MARENGO ROAD REHABILITATION
EXISTING CONDITIONS & REMOVAL PLAN

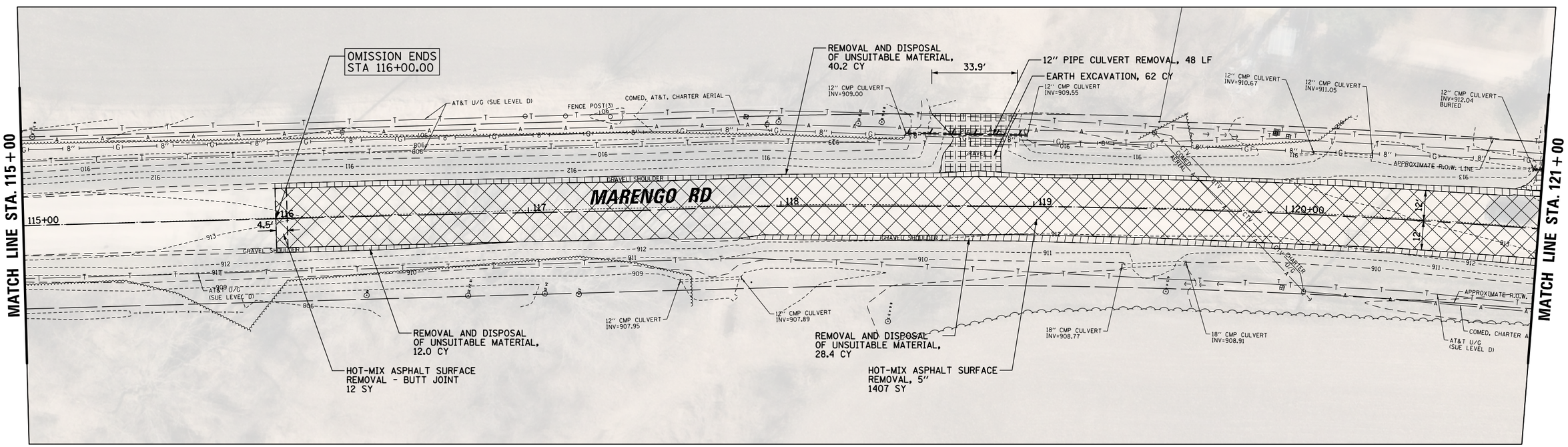
SCALE: 40' | SHEET 1 OF 6 SHEETS | STA. 100+00 TO STA. 110+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	13

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT





20 0 20
SCALE IN FEET

PAVEMENT REMOVAL LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY REMOVAL
- AGGREGATE SHOULDER REMOVAL
- BITUMINOUS SHOULDER REMOVAL
- SIDEWALK REMOVAL
- CURB/GUTTER REMOVAL
- PIPE CULVERT REMOVAL
- EARTH EXCAVATION
- BUTT JOINT LIMIT
- TREE REMOVAL
- TREE PROTECTION

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

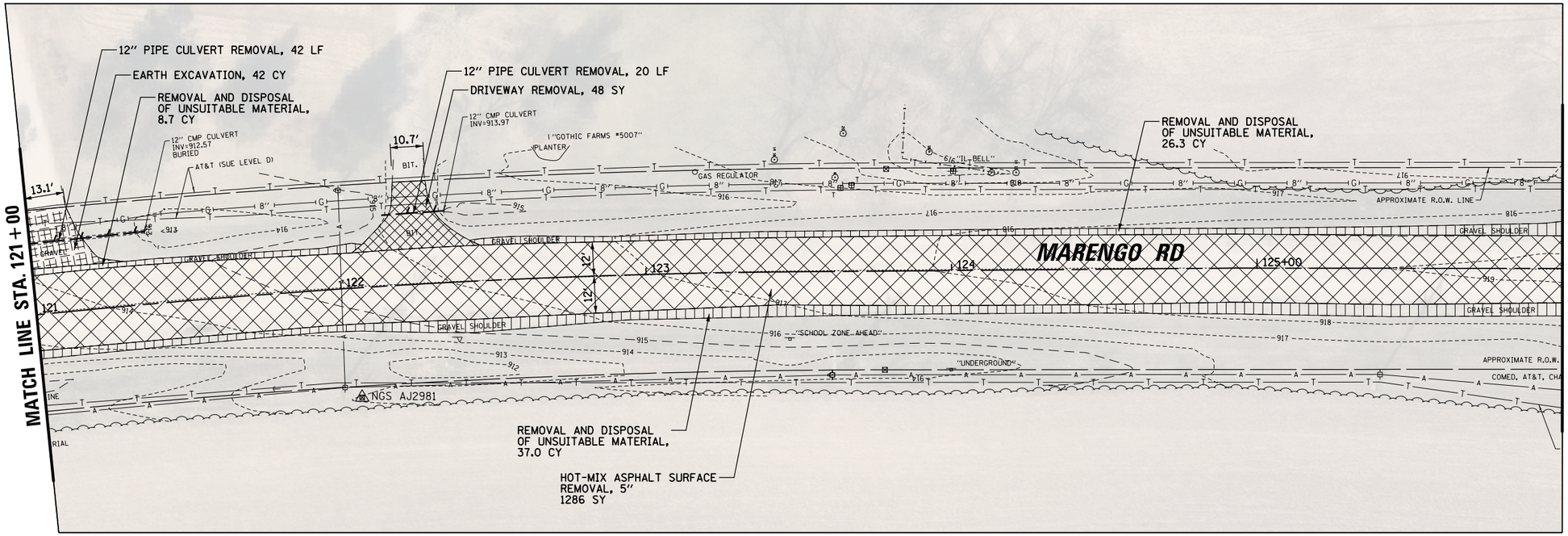
MARENGO ROAD REHABILITATION
EXISTING CONDITIONS & REMOVAL PLAN

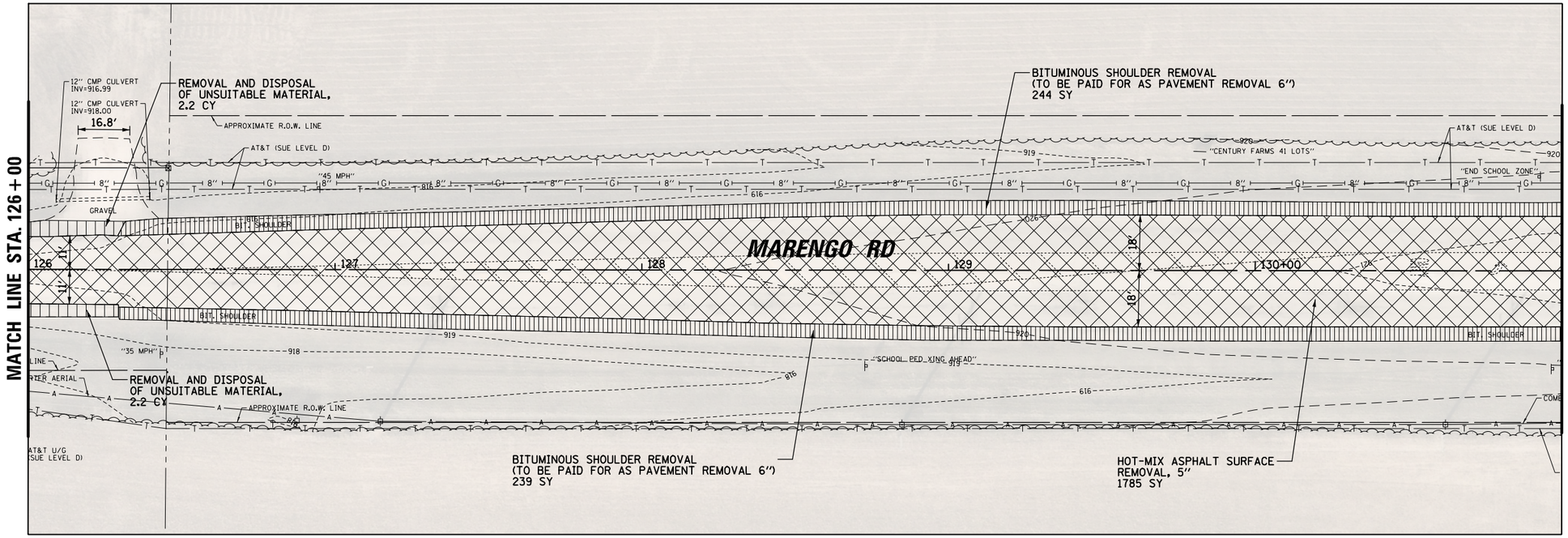
SCALE: 40' | SHEET 2 OF 6 SHEETS | STA. 110+00 TO STA. 121+00

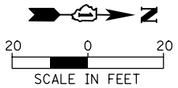
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	14

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT







PAVEMENT REMOVAL LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY REMOVAL
- AGGREGATE SHOULDER REMOVAL
- BITUMINOUS SHOULDER REMOVAL
- SIDEWALK REMOVAL
- CURB/GUTTER REMOVAL
- PIPE CULVERT REMOVAL
- EARTH EXCAVATION
- BUTT JOINT LIMIT
- TREE REMOVAL
- TREE PROTECTION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

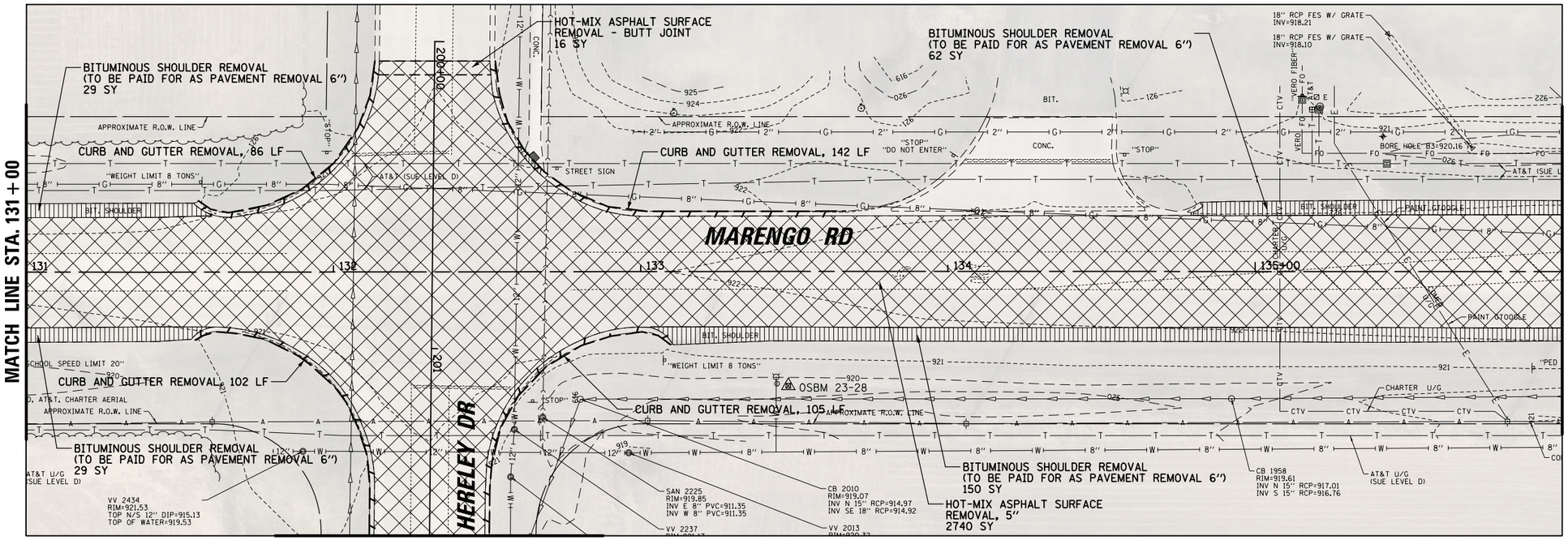
MARENGO ROAD REHABILITATION
EXISTING CONDITIONS & REMOVAL PLAN

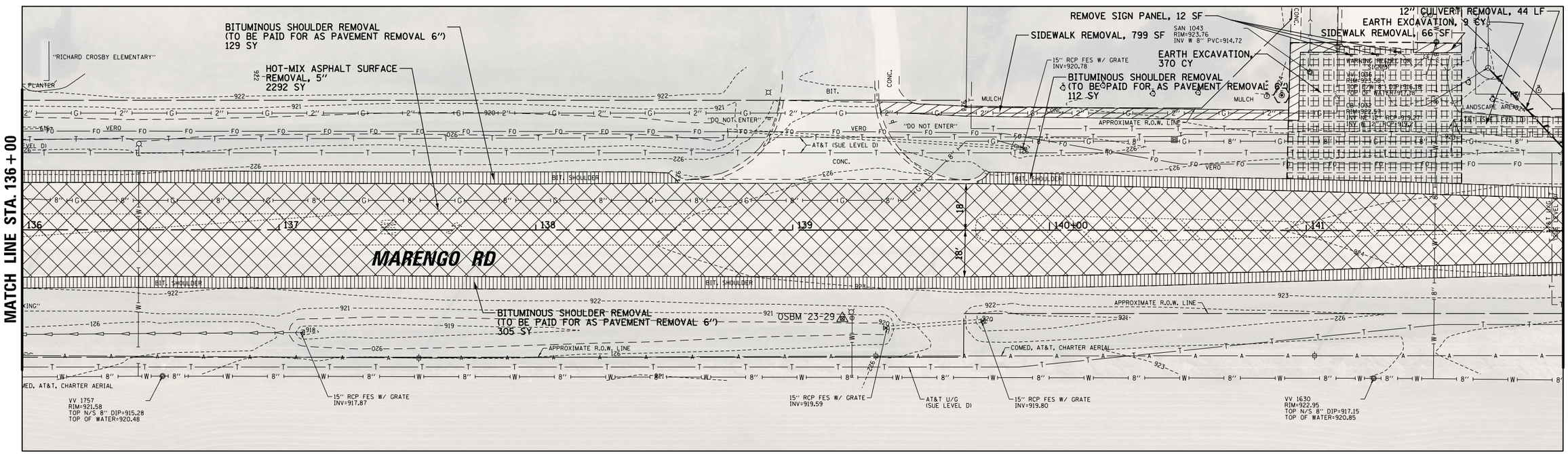
SCALE: 40' | SHEET 3 OF 6 SHEETS | STA. 121+00 TO STA. 131+00

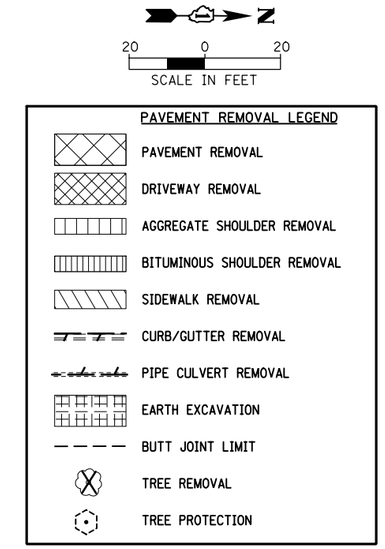
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	15

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT







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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

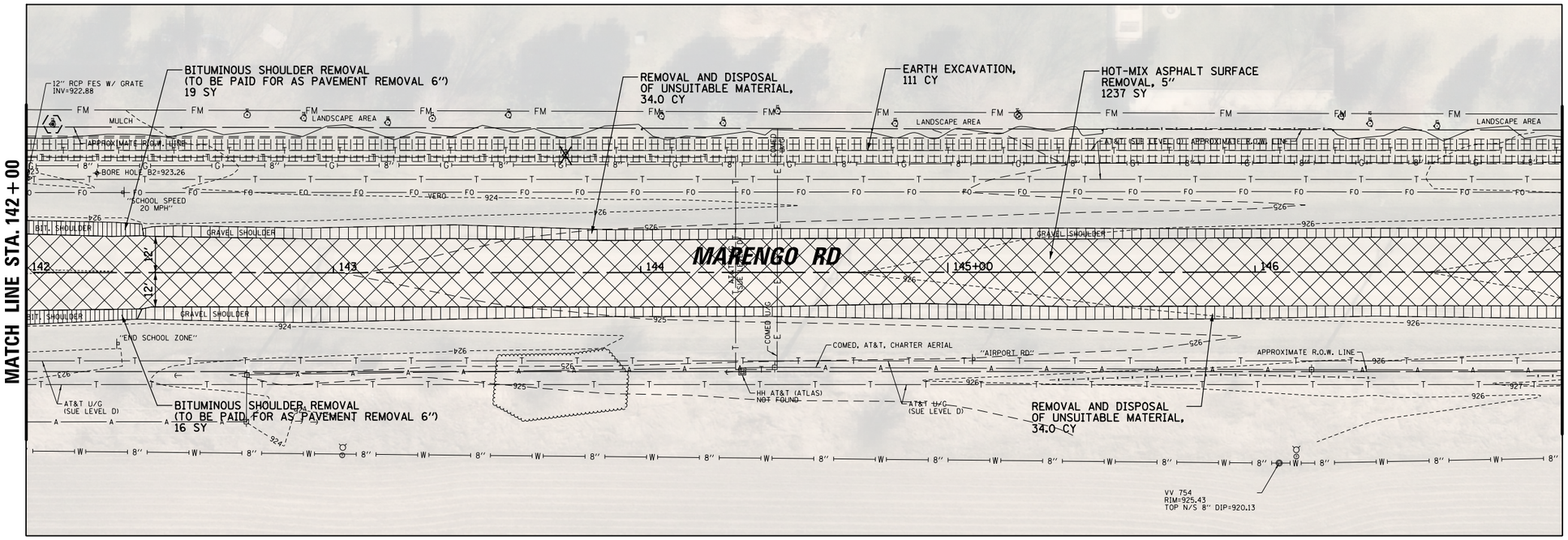
MARENGO ROAD REHABILITATION
EXISTING CONDITIONS & REMOVAL PLAN

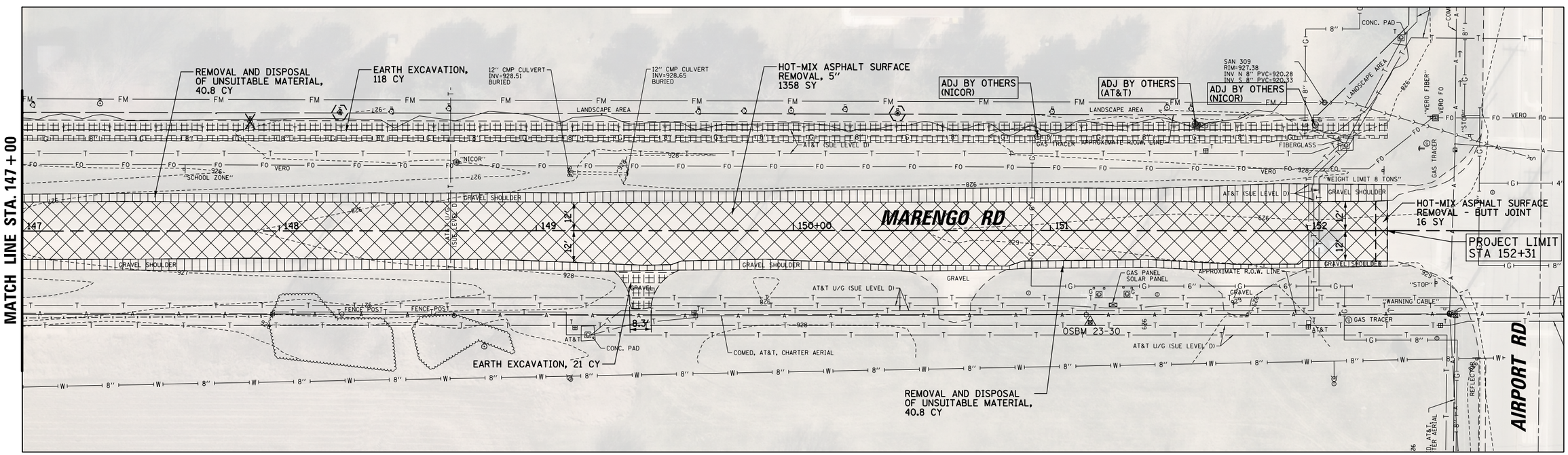
SCALE: 40' | SHEET 4 OF 6 SHEETS | STA. 131+00 TO STA. 142+00

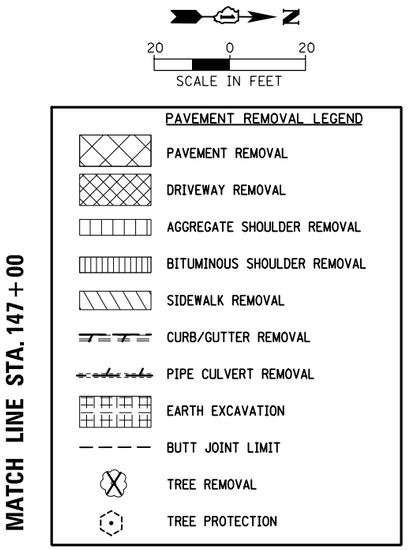
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	16

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT







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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

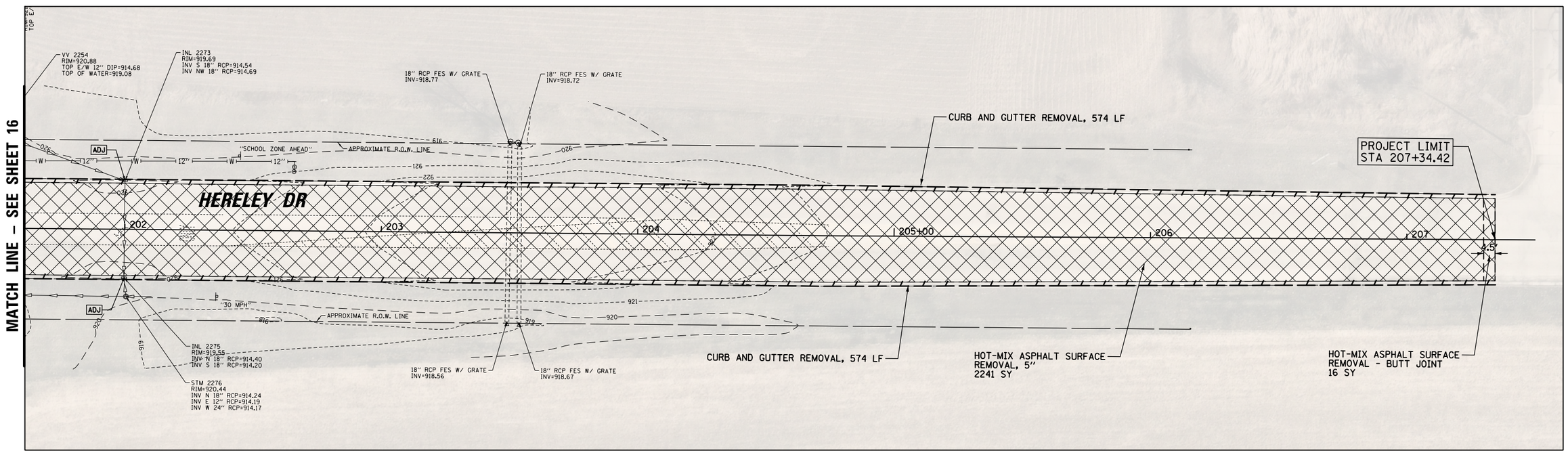
MARENGO ROAD REHABILITATION
EXISTING CONDITIONS & REMOVAL PLAN

SCALE: 40' | SHEET 5 OF 6 SHEETS | STA. 142+00 TO STA. 152+31

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	17

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



PAVEMENT REMOVAL LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY REMOVAL
- AGGREGATE SHOULDER REMOVAL
- BITUMINOUS SHOULDER REMOVAL
- SIDEWALK REMOVAL
- CURB/GUTTER REMOVAL
- PIPE CULVERT REMOVAL
- EARTH EXCAVATION
- BUTT JOINT LIMIT
- TREE REMOVAL
- TREE PROTECTION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

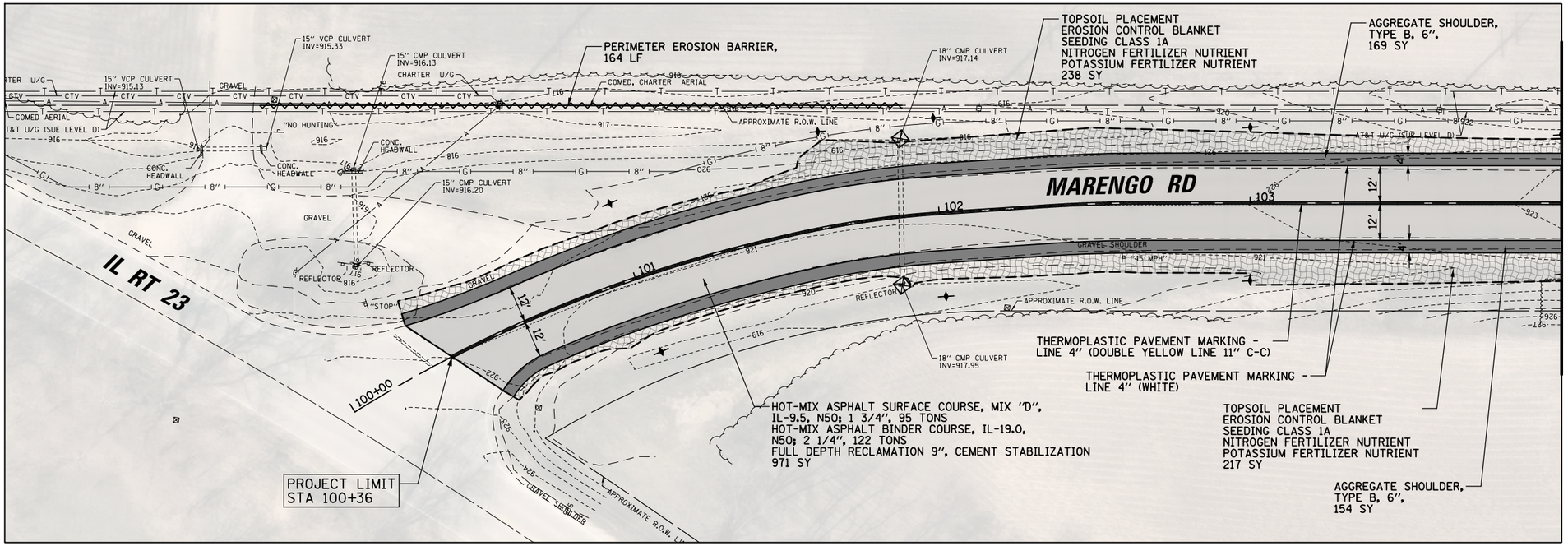
MARENGO ROAD REHABILITATION
EXISTING CONDITIONS & REMOVAL PLAN

SCALE: 40' | SHEET 6 OF 6 SHEETS | STA. 201+60 TO STA. 207+34.42

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	18

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



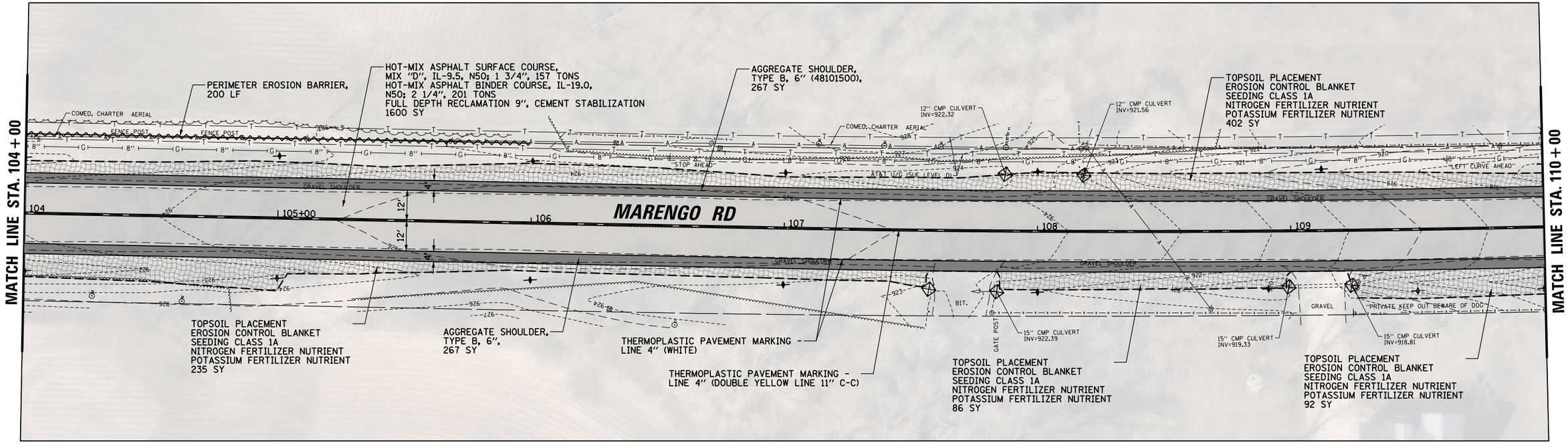
20 0 20
SCALE IN FEET

PROPOSED LEGEND

- PR B-6.12 CURB AND GUTTER
- PR SHOULDER
- PR PAVEMENT
- PR HMA DRIVEWAY PAVEMEVT 3"
- PR SIDEWALK
- PR BIKE PATH
- PIPE CULVERT WITH FES
- SIGN (SIGN PANEL-TYPE 1 METAL POST-TYPE A)

EROSION CONTROL LEGEND:

- INLET FILTERS OR PIPE PROTECTION
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A (AS INDICATED) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET
- DITCH CHECK
- PROPOSED TREE
- TREE PROTECTION
- LIMITS OF DISTURBANCE
- PERIMETER EROSION BARRIER
- xxx PERIMETER EROSION BARRIER DOUBLE ROW



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

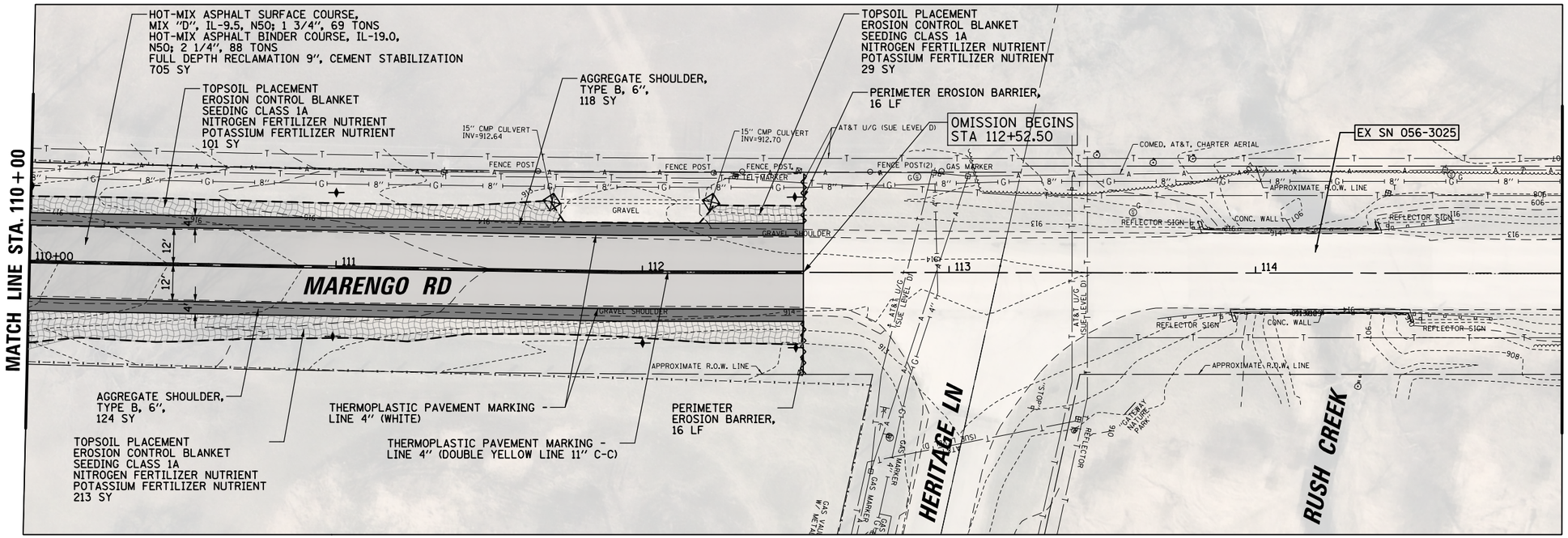
MARENGO ROAD REHABILITATION
PROPOSED ROADWAY, PAVEMENT MARKING & EROSION CONTROL

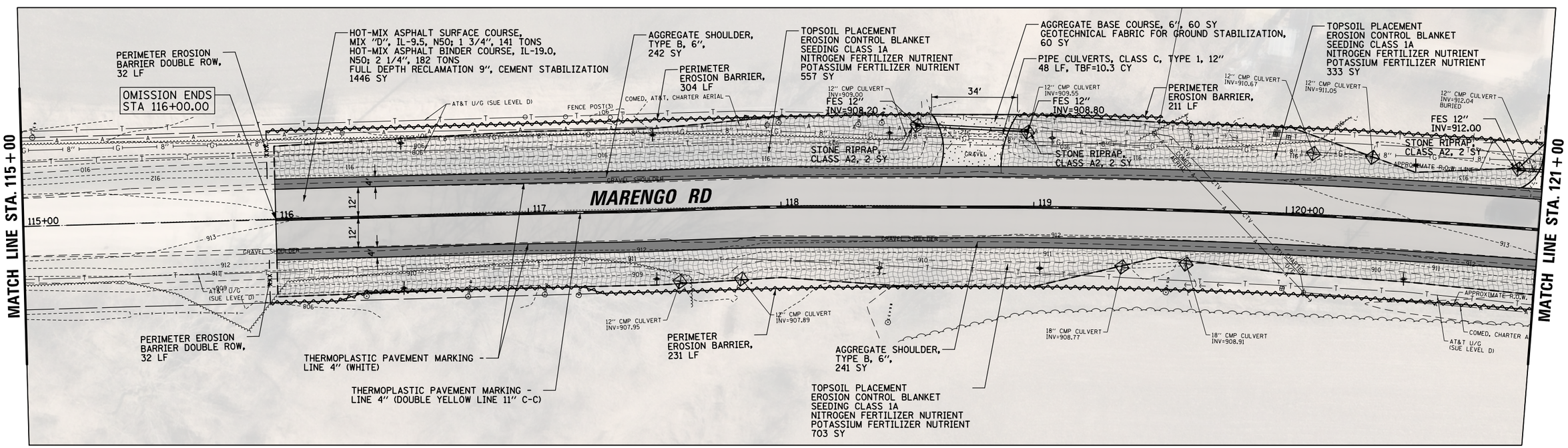
SCALE: 40' | SHEET 1 OF 6 SHEETS | STA. 100+00 TO STA. 110+00

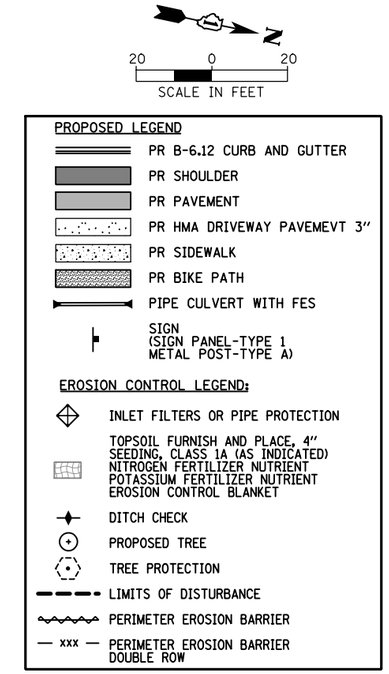
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	19

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT







"AERIAL PHOTOGRAPHY SHOWN ON THESE DRAWINGS IS CURRENT AS OF 2019.
ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES REPORTED IN WRITING TO THE ENGINEER PRIOR TO WORK COMMENCING."

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

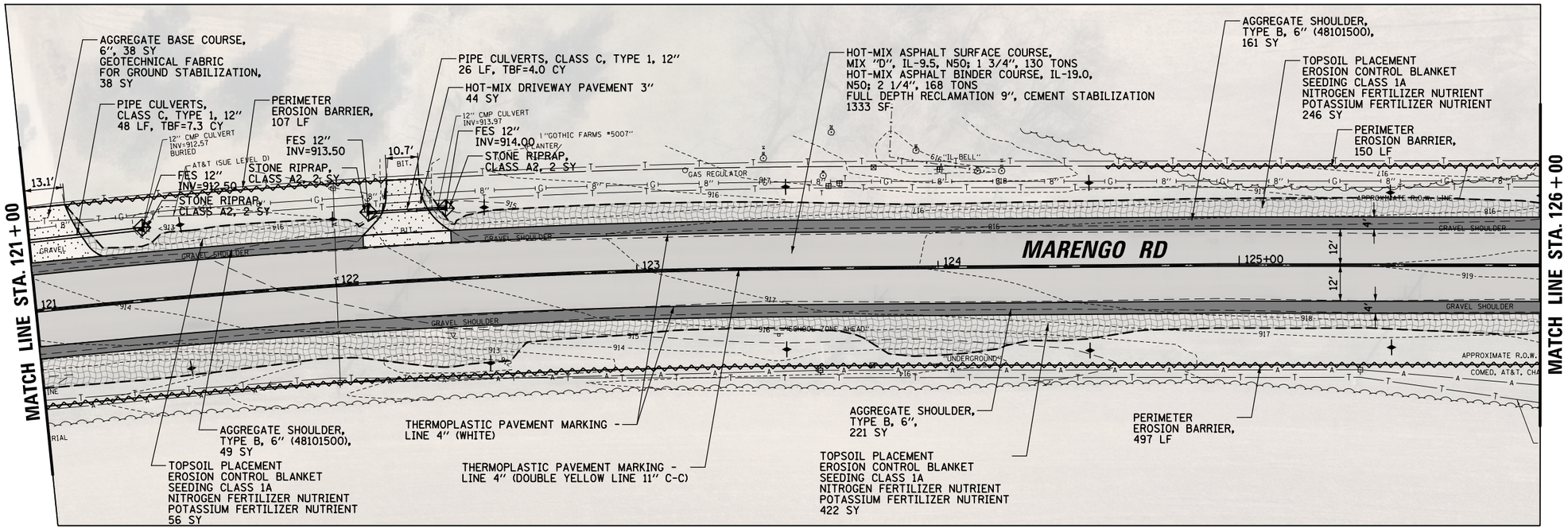
MARENGO ROAD REHABILITATION
PROPOSED ROADWAY, PAVEMENT MARKING & EROSION CONTROL

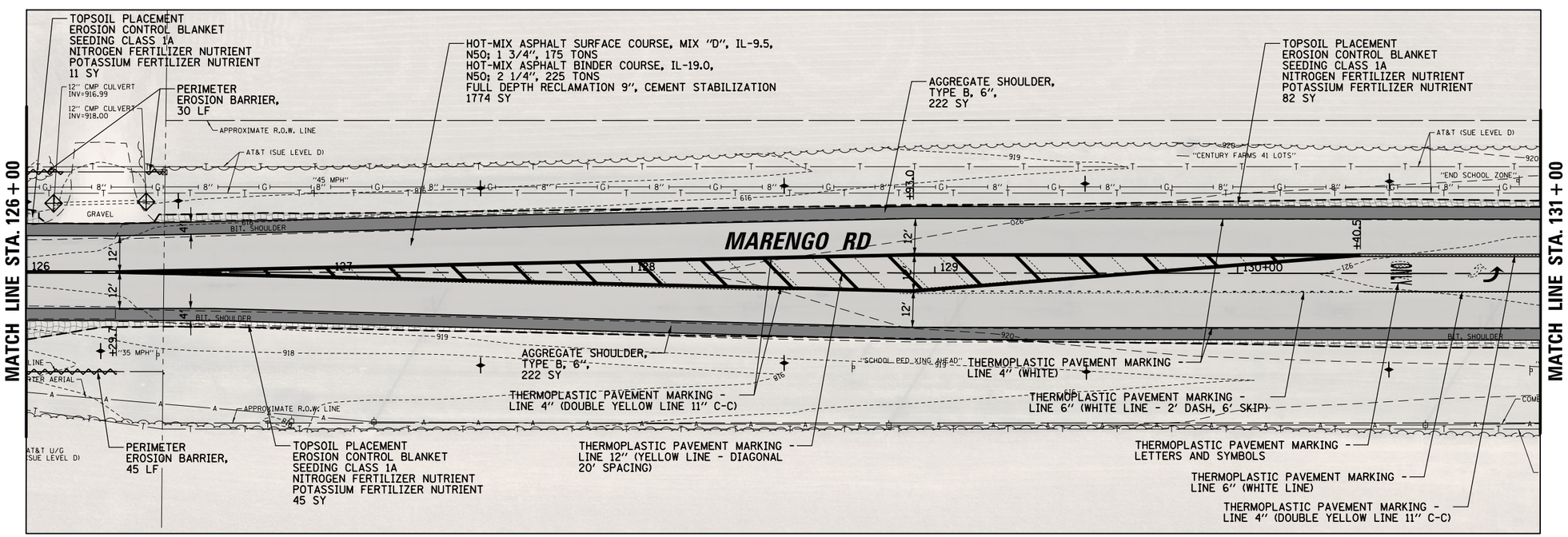
SCALE: 40' | SHEET 2 OF 6 SHEETS | STA. 110+00 TO STA. 121+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	20

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT





20 0 20
SCALE IN FEET

PROPOSED LEGEND

- PR B-6.12 CURB AND GUTTER
- PR SHOULDER
- PR PAVEMENT
- PR HMA DRIVEWAY PAVEMEVT 3"
- PR SIDEWALK
- PR BIKE PATH
- PIPE CULVERT WITH FES
- SIGN (SIGN PANEL-TYPE 1 METAL POST-TYPE A)

EROSION CONTROL LEGEND:

- INLET FILTERS OR PIPE PROTECTION
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A (AS INDICATED) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET
- DITCH CHECK
- PROPOSED TREE
- TREE PROTECTION
- LIMITS OF DISTURBANCE
- PERIMETER EROSION BARRIER
- xxx PERIMETER EROSION BARRIER DOUBLE ROW

"AERIAL PHOTOGRAPHY SHOWN ON THESE DRAWINGS IS CURRENT AS OF 2019. ALL EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES REPORTED IN WRITING TO THE ENGINEER PRIOR TO WORK COMMENCING."

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

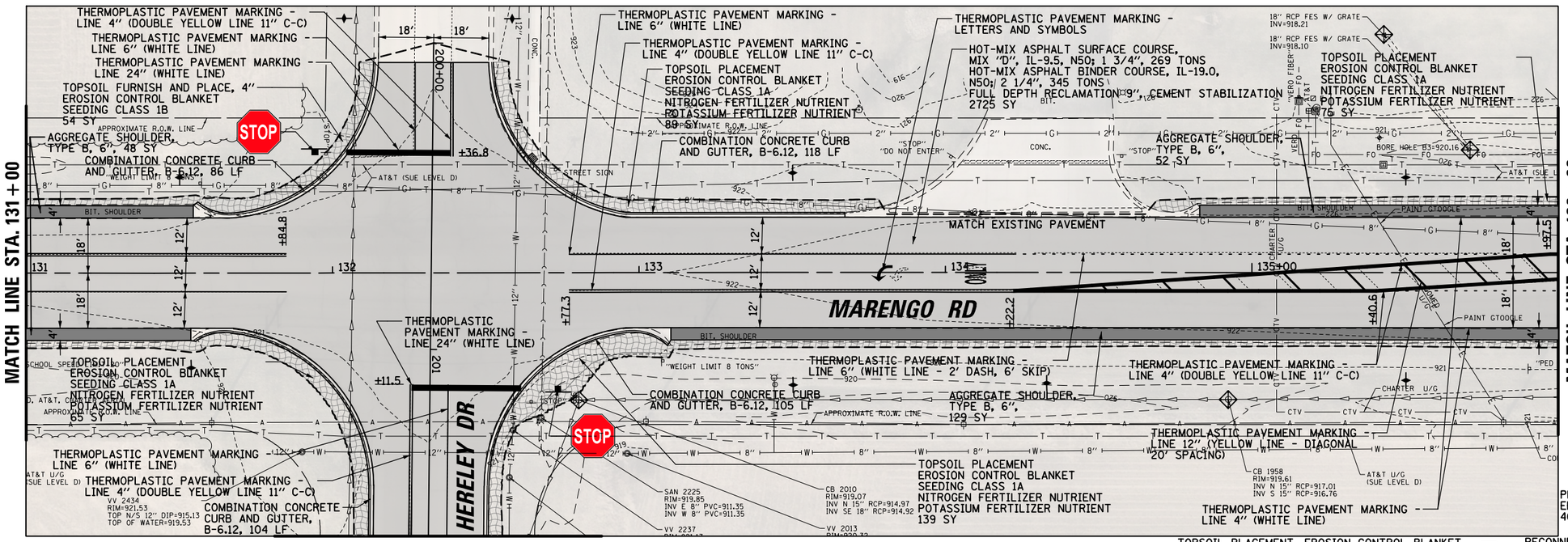
MARENGO ROAD REHABILITATION
PROPOSED ROADWAY, PAVEMENT MARKING & EROSION CONTROL

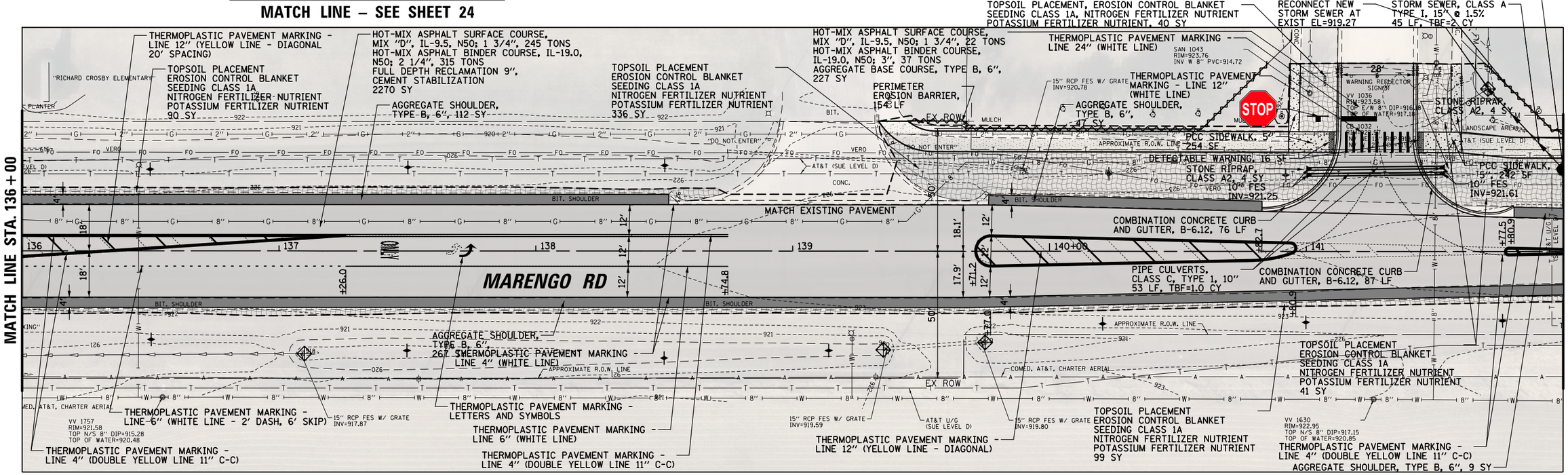
SCALE: 40' | SHEET 3 OF 6 SHEETS | STA. 121+00 TO STA. 131+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	21

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT





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20 0 20
SCALE IN FEET

PROPOSED LEGEND

- PR B-6.12 CURB AND GUTTER
- PR SHOULDER
- PR PAVEMENT
- PR HMA DRIVEWAY PAVEMEVT 3"
- PR SIDEWALK
- PR BIKE PATH
- PIPE CULVERT WITH FES
- SIGN (SIGN PANEL-TYPE 1 METAL POST-TYPE A)

EROSION CONTROL LEGEND:

- INLET FILTERS OR PIPE PROTECTION
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A (AS INDICATED) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET
- DITCH CHECK
- PROPOSED TREE
- TREE PROTECTION
- LIMITS OF DISTURBANCE
- PERIMETER EROSION BARRIER
- xxx PERIMETER EROSION BARRIER DOUBLE ROW

PERIMETER EROSION BARRIER, 40 LF

PR CB, 4' DIA TY A, T8G STA 142+00, 32' LT RIM=922.00 INV=919.95

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

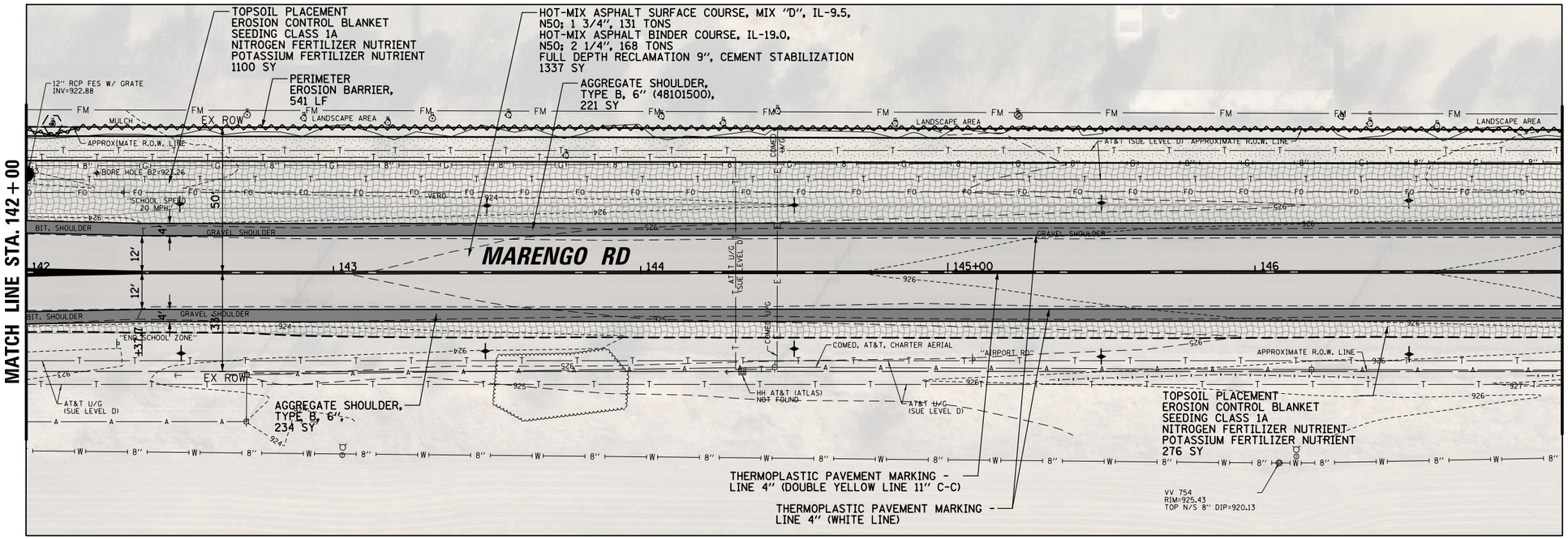
MARENGO ROAD REHABILITATION
PROPOSED ROADWAY, PAVEMENT MARKING & EROSION CONTROL

SCALE: 40' | SHEET 4 OF 6 SHEETS | STA. 131+00 TO STA. 142+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	22

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



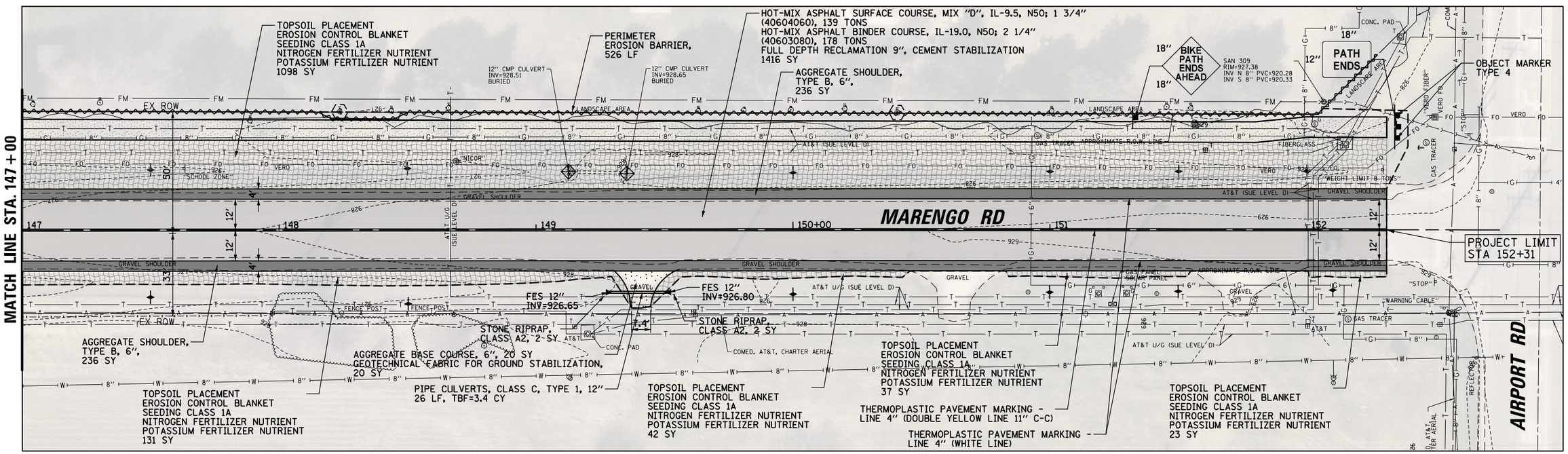
20 0 20
SCALE IN FEET

PROPOSED LEGEND

- PR B-6.12 CURB AND GUTTER
- PR SHOULDER
- PR PAVEMENT
- PR HMA DRIVEWAY PAVEMEVT 3"
- PR SIDEWALK
- PR BIKE PATH
- PIPE CULVERT WITH FES
- SIGN (SIGN PANEL-TYPE 1 METAL POST-TYPE A)

EROSION CONTROL LEGEND:

- INLET FILTERS OR PIPE PROTECTION
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A (AS INDICATED) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET
- DITCH CHECK
- PROPOSED TREE
- TREE PROTECTION
- LIMITS OF DISTURBANCE
- PERIMETER EROSION BARRIER
- xxx PERIMETER EROSION BARRIER DOUBLE ROW



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

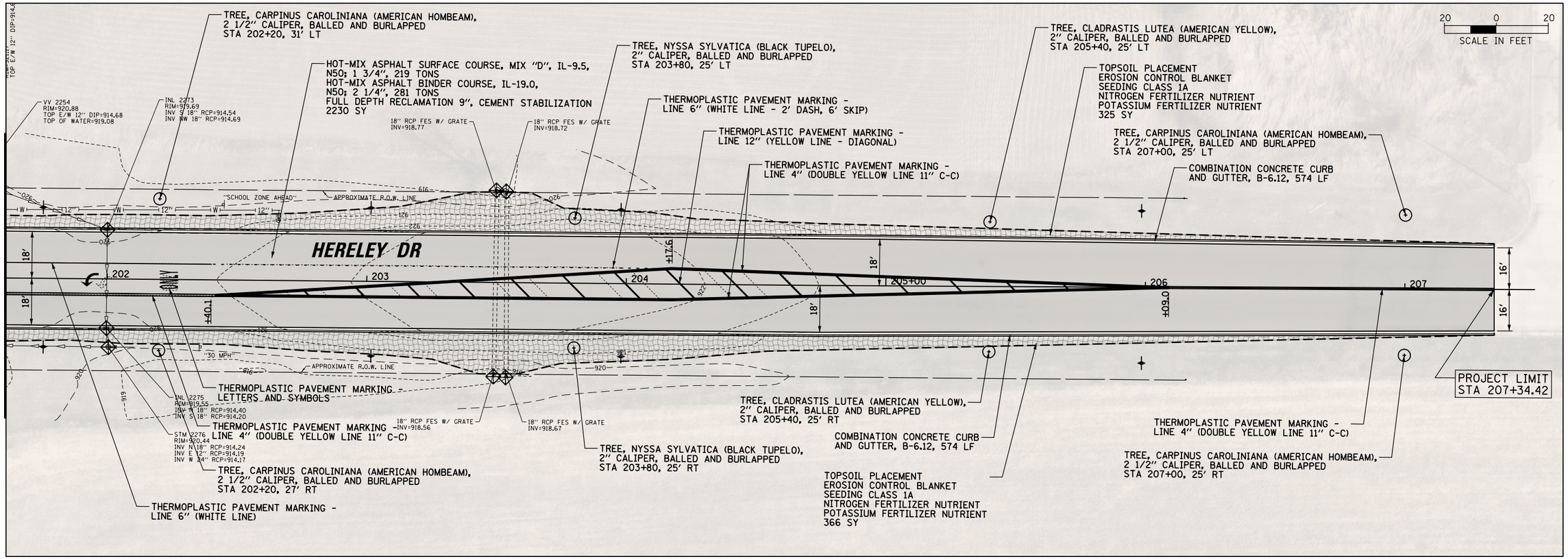
MARENGO ROAD REHABILITATION
PROPOSED ROADWAY, PAVEMENT MARKING & EROSION CONTROL

SCALE: 40' | SHEET 5 OF 6 SHEETS | STA. 142+00 TO STA. 152+31

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	23

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



PROPOSED LEGEND

- PR B-6.12 CURB AND GUTTER
- PR SHOULDER
- PR PAVEMENT
- PR HMA DRIVEWAY PAVEMEVT 3"
- PR SIDEWALK
- PR BIKE PATH
- PIPE CULVERT WITH FES
- SIGN (SIGN PANEL-TYPE 1 METAL POST-TYPE A)

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- PROPOSED TREE
- TREE PROTECTION
- LIMITS OF DISTURBANCE
- PERIMETER EROSION BARRIER
- — xxx — PERIMETER EROSION BARRIER DOUBLE ROW

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

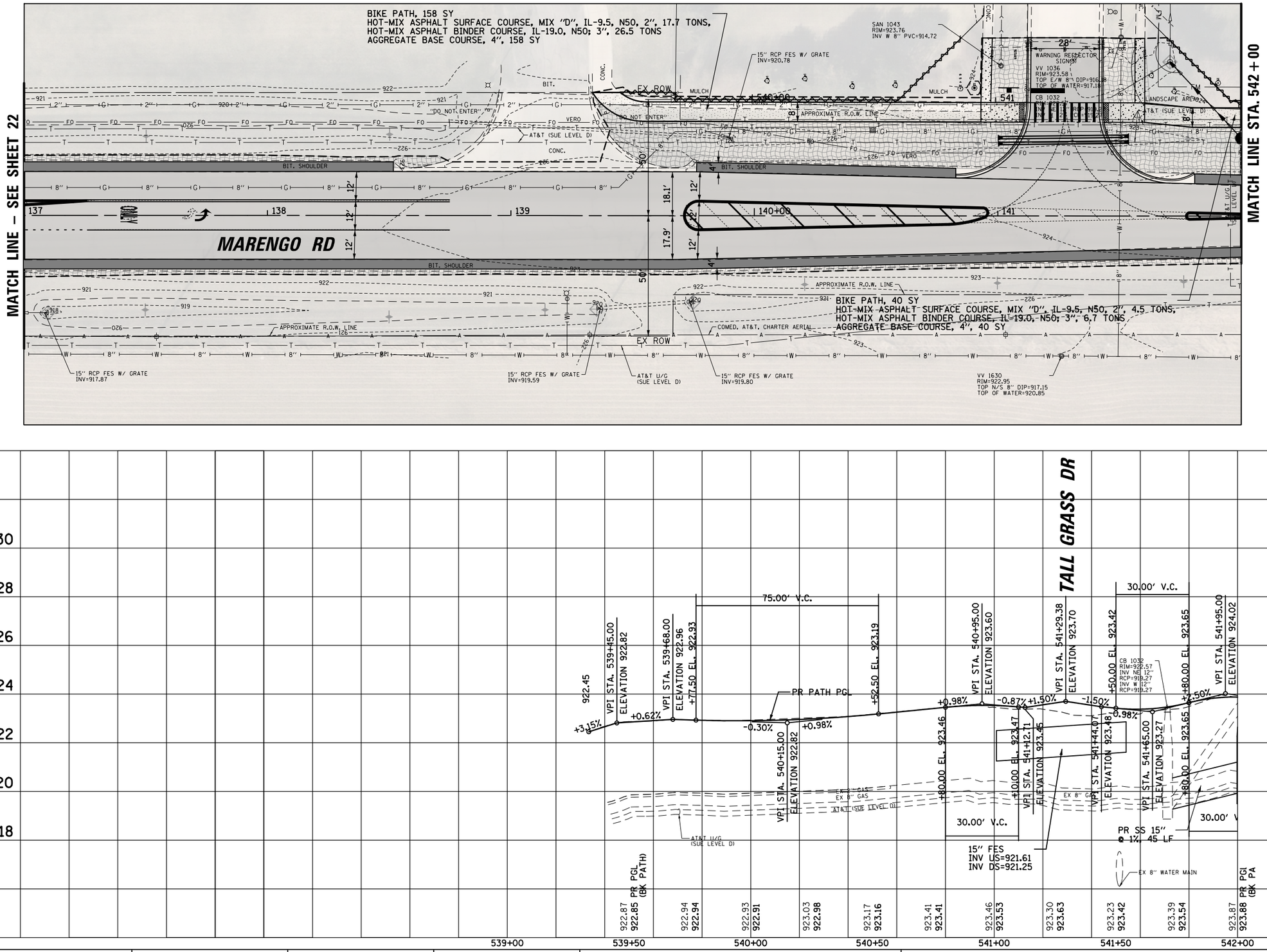
MARENGO ROAD REHABILITATION
PROPOSED ROADWAY, PAVEMENT MARKING & EROSION CONTROL

SCALE: 40' | SHEET 6 OF 6 SHEETS | STA. 201+60 TO STA. 207+34.42

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	24

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



20 0 20
SCALE IN FEET

PROPOSED LEGEND

- PR B-6.12 CURB AND GUTTER
- PR SHOULDER
- PR PAVEMENT
- PR HMA DRIVEWAY PAVEMEVT 3"
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- PR BIKE PATH
- PIPE CULVERT WITH FES
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- LIMITS OF DISTURBANCE
- PERIMETER EROSION BARRIER
- xxx PERIMETER EROSION BARRIER DOUBLE ROW

PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
CADD FILE NAME			
NOTE BOOK			
NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
BM. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK			
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	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

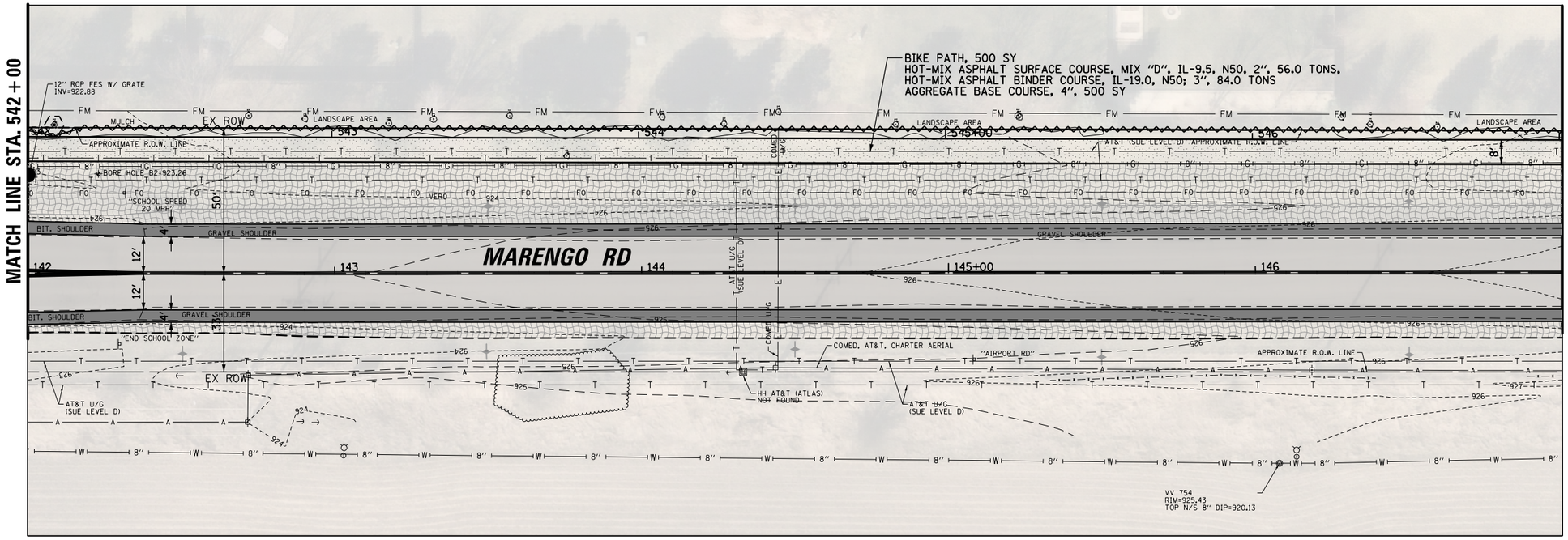
MARENGO ROAD REHABILITATION
PROPOSED PATH PLAN AND PROFILE

SCALE: 40' | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	25

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



PROPOSED LEGEND

- PR B-6.12 CURB AND GUTTER
- PR SHOULDER
- PR PAVEMENT
- PR HMA DRIVEWAY PAVEMEVT 3"
- PR SIDEWALK
- PR BIKE PATH
- PIPE CULVERT WITH FES
- SIGN (SIGN PANEL-TYPE 1 METAL POST-TYPE A)

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- DITCH CHECK
- PROPOSED TREE
- TREE PROTECTION
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- PERIMETER EROSION BARRIER
- xxx PERIMETER EROSION BARRIER DOUBLE ROW

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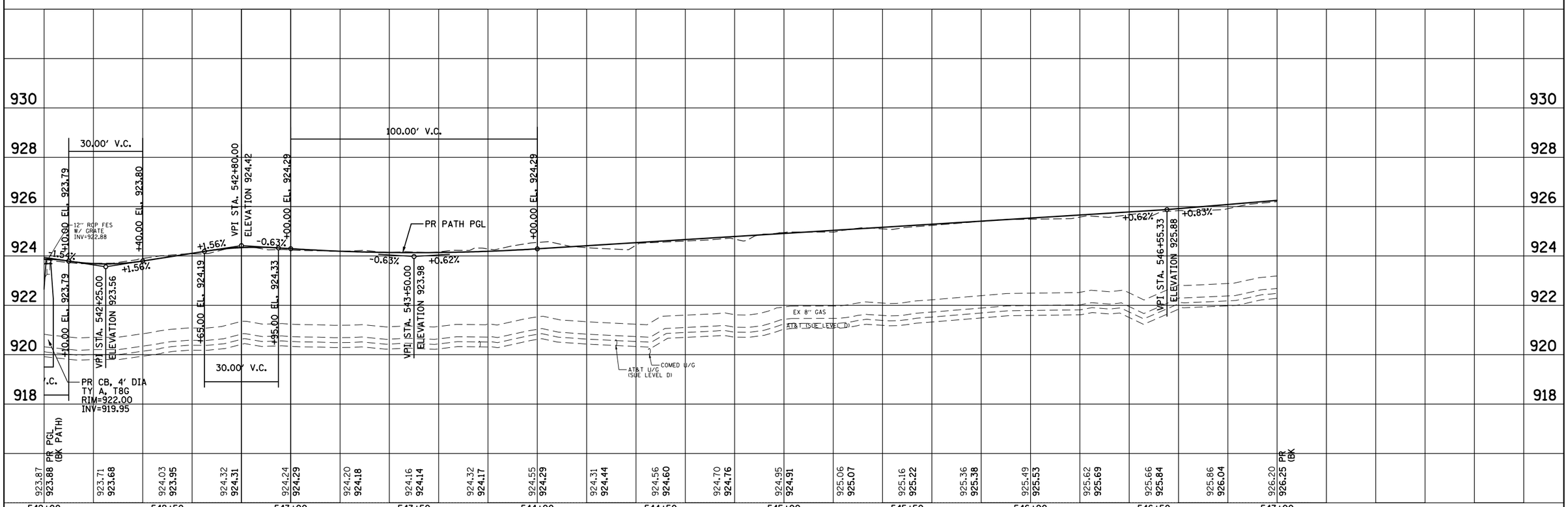

PROFILE — SURVEYED / PLOTTED / ALIGNMENT CHECKED / DRAWN / BKM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARENGO ROAD REHABILITATION
PROPOSED PATH PLAN AND PROFILE

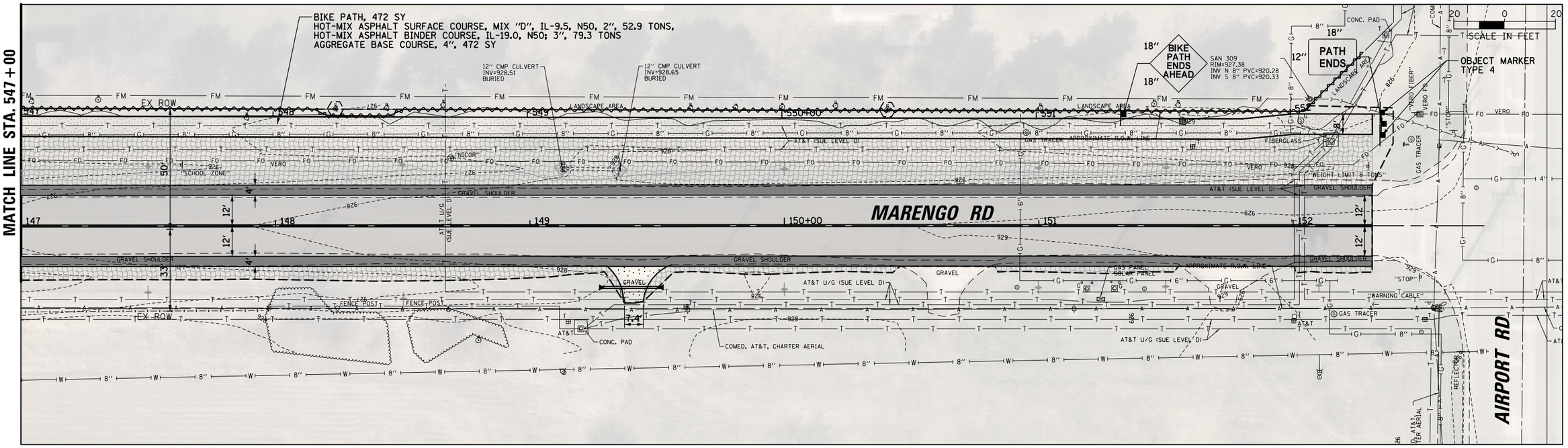
SCALE: 40' | SHEET OF SHEETS | STA. TO STA.

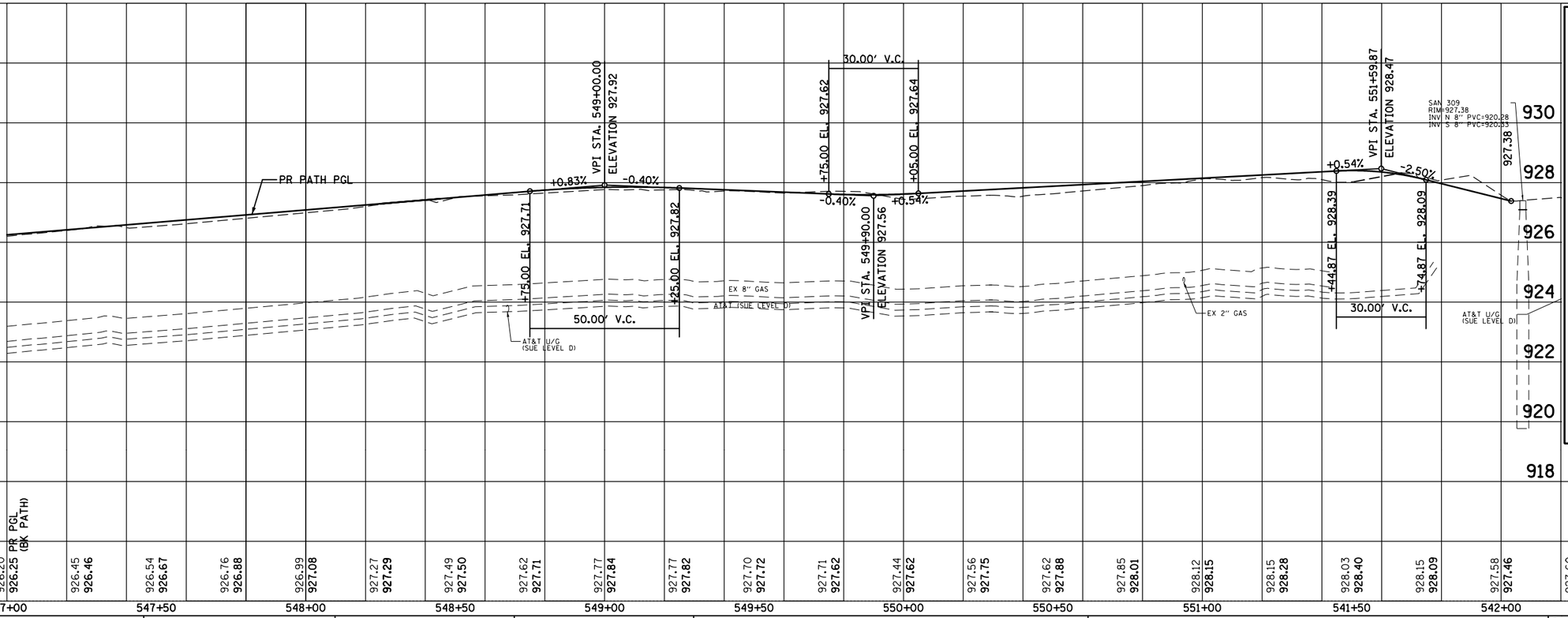
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	26

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT

MATCH LINE STA. 547+00





PROPOSED LEGEND

- PR B-6.12 CURB AND GUTTER
- PR SHOULDER
- PR PAVEMENT
- PR HMA DRIVEWAY PAVEMEVT 3"
- PR SIDEWALK
- PR BIKE PATH
- PIPE CULVERT WITH FES
- SIGN (SIGN PANEL-TYPE 1 METAL POST-TYPE A)

EROSION CONTROL LEGEND:

- INLET FILTERS OR PIPE PROTECTION
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A (AS INDICATED) NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET
- DITCH CHECK
- PROPOSED TREE
- TREE PROTECTION
- LIMITS OF DISTURBANCE
- PERIMETER EROSION BARRIER
- xxx PERIMETER EROSION BARRIER DOUBLE ROW

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

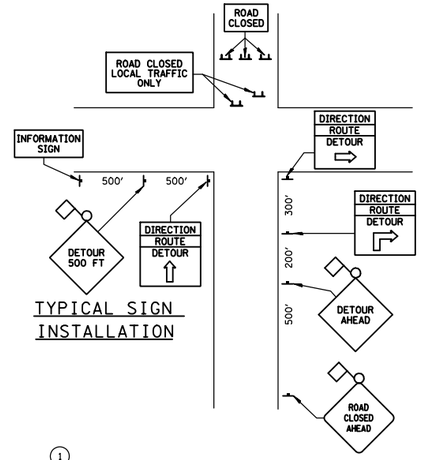
MARENGO ROAD REHABILITATION
PROPOSED PATH PLAN AND PROFILE

SCALE: 40' | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	27

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



TYPICAL SIGN INSTALLATION

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. DRUM MINIMUM SPACING: 50' C-C TANGENT SECTION, 15' C-C AT CORNERS.
2. ALL SIGNAGE TO BE IN ACCORDANCE WITH MUTCD. SUGGESTED MAINTENANCE OF TRAFFIC SHOWN IS MINIMUM REQUIRED; CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL MEASURES AS DIRECTED BY RESIDENT ENGINEER. THIS WORK WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
3. THIS PROJECT IS SCHEDULED TO BE CONSTRUCTED IN CONJUNCTION WITH THE MARENGO ROAD OVER RISH CREEK BRIDGE PROJECT. THE DETOUR FOR THIS PROJECT, ALL FULL DEPTH RECLAMATION WORK MUST BE COMPLETED WHILE THE DAVID CROSBY SCHOOL IS NOT IN SESSION FOR SUMMER BREAK (MAY 24, 2027 TO AUGUST 11, 2027)
4. CONTRACTOR IS REQUIRED TO NOTIFY ANY DIRECT RESIDENSES AND NECCESARY TRAFFIC (GARBAGE, EMERGENCY, SCHOOL) THROUGH OR AROUND THE CONSTRUCTION WORK ZONE ON A DAILY BASIS. ACCESS FOR THE EMERGENCY VEHICLES AND PROPERTY OWNERS MUST BE MAINTAINED AT ALL TIMES.
5. THIS TRAFFIC PLAN SHOWS ONLY THE MINIMUM SIGNAGE REQUIRED FOR THE PERMANENT DETOUR.

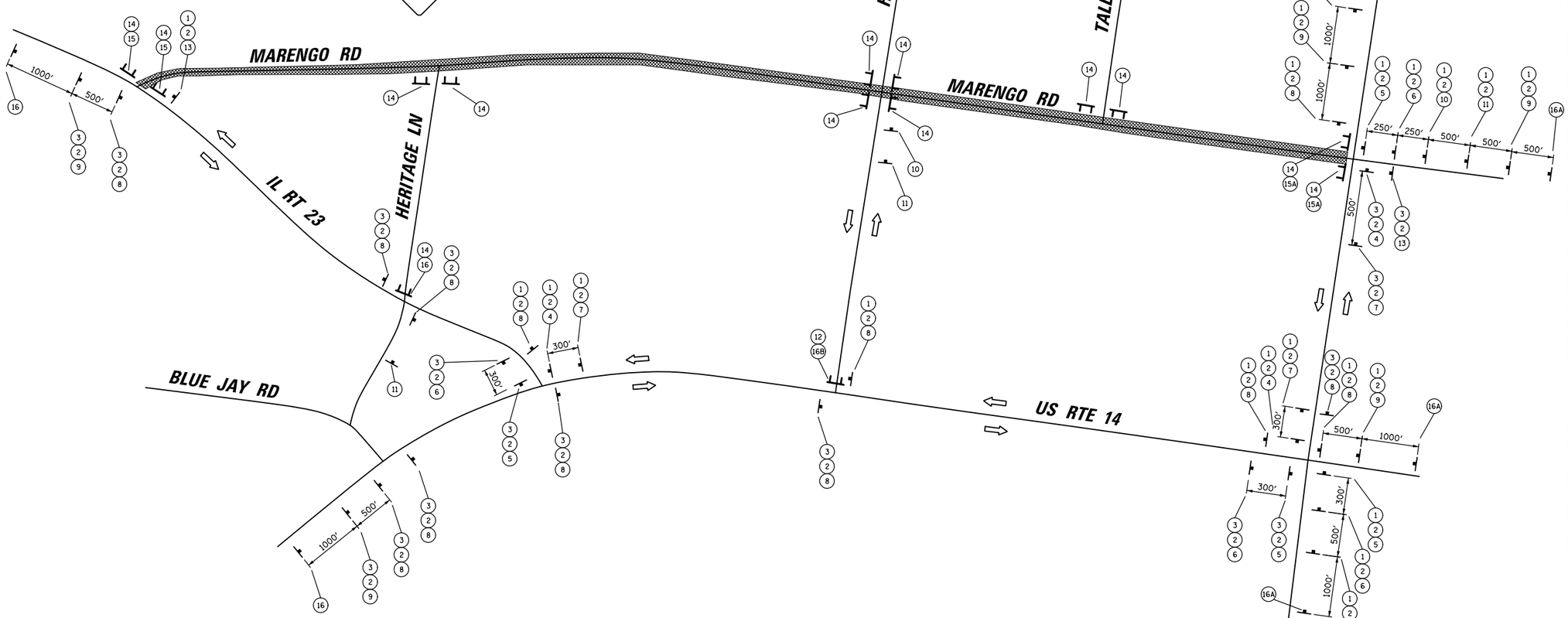
LEGEND

- TYPE III BARRICADE
- DIRECTION OF DETOURED TRAFFIC
- WORK ZONE
- SIGN POST

N

240 0 240

SCALE IN FEET



GENERAL NOTES

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022", "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES ADOPTED 2010". THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION.

2. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.

3. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK. THE CITY OF HARVARD REPRESENTATIVE FOR THIS DETOUR IS: MR. ROB LAMZ; DIRECTOR OF PUBLIC WORKS, 815-943-4161. IDOT CONTACT IS DISTRICT 1 TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470.

4. IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT, THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.

5. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.

6. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.

8. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION.

9. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.

10. ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR (4) CALENDAR DAYS.

11. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1106 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION OF THE SIGNS. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.

12. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

13. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1084.01 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.

14. WHEN REQUIRED THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".

15. ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED 8 FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.

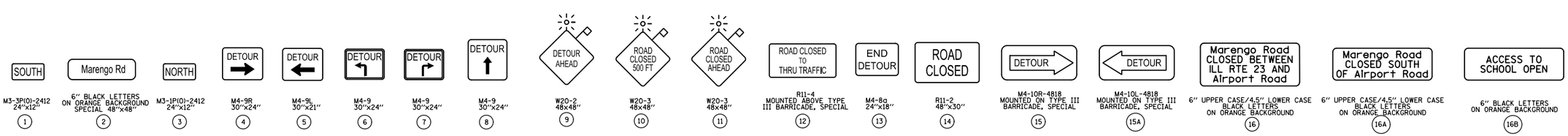
16. THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO (2) AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.

17. THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A 9" X VARIABLE OR A 12" X VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 4.5" LOWER CASE.

18. DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.

19. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED WITHIN 25 FT BEHIND THE TYPE III BARRICADES. IN ANY EVENT ARTICLE 701.04 OF THE STANDARD SPECIFICATIONS SHALL APPLY.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.



M3-3P(O)-2412 24"x12" (1)	6" BLACK LETTERS ON ORANGE BACKGROUND SPECIAL 48"x48" (2)	M3-1P(O)-2412 24"x12" (3)	M4-9R 30"x24" (4)
M4-9L 30"x21" (5)	M4-9 30"x24" (6)	M4-9 30"x24" (7)	M4-9 30"x24" (8)
W20-2 48x48" (9)	W20-3 48x48" (10)	W20-3 48x48" (11)	R11-4 MOUNTED ABOVE TYPE III BARRICADE, SPECIAL (12)
M4-8a 24"x18" (13)	R11-2 48"x30" (14)	M4-10R-4818 MOUNTED ON TYPE III BARRICADE, SPECIAL (15)	M4-10L-4818 MOUNTED ON TYPE III BARRICADE, SPECIAL (15A)
6" UPPER CASE/4.5" LOWER CASE BLACK LETTERS ON ORANGE BACKGROUND (16)	6" UPPER CASE/4.5" LOWER CASE BLACK LETTERS ON ORANGE BACKGROUND (16A)	6" BLACK LETTERS ON ORANGE BACKGROUND (16B)	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

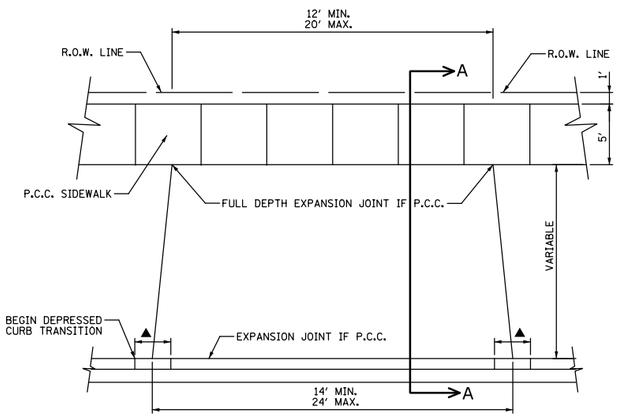
MARENGO ROAD REHABILITATION
DETOUR PLAN

SCALE: 480' | SHEET OF SHEETS | STA. TO STA.

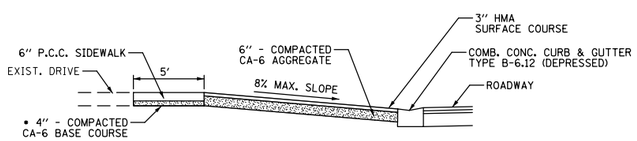
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	28

CONTRACT NO. 61M59

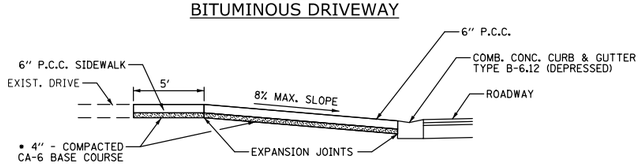
ILLINOIS FED. AID PROJECT



▲ - TRANSITION FROM FULL CURB IN 2 LINEAL FEET
- DRIVEWAY APPROACH SHALL MEET CURB AND GUTTER AT A POINT BETWEEN FULL CURB AND ONE-HALF CURB HEIGHT.
- DRIVEWAY FLARE SHALL BE SYMMETRIC ABOUT THE DRIVEWAY CENTERLINE UNLESS OTHERWISE APPROVED BY THE CITY.



SECTION A - A
BITUMINOUS DRIVEWAY



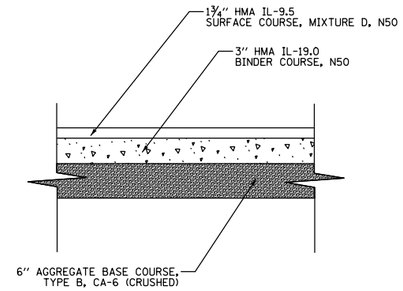
SECTION A - A
P.C.C. DRIVEWAY

City of Harvard
ENGINEERING DETAILS
201 W. Diggins Street, Harvard IL 60033

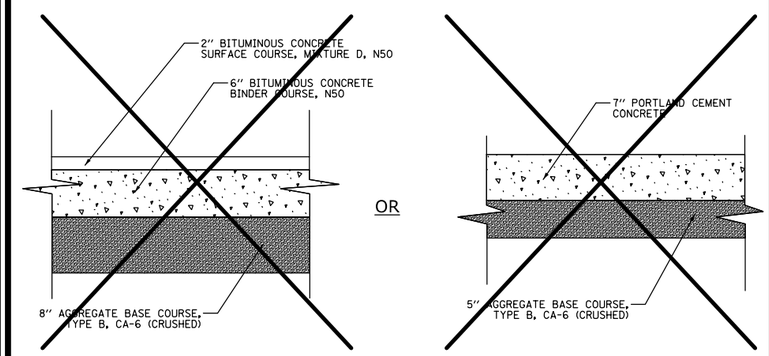
SINGLE FAMILY RESIDENTIAL DRIVEWAY APPROACH DETAIL

DATE: 9/15/2018
REV 1:
REV 2:

R-2



LOCAL STREETS



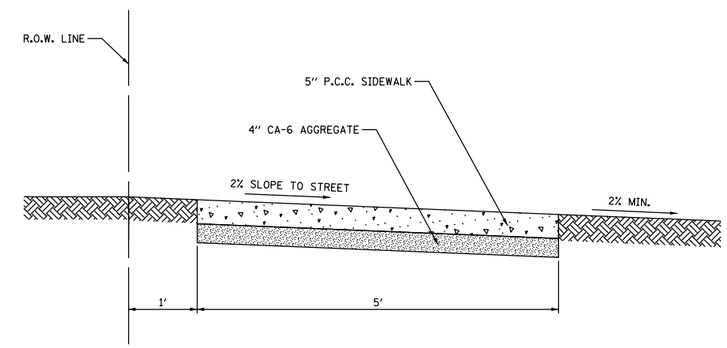
COLLECTOR / MULTI-FAMILY STREETS

City of Harvard
ENGINEERING DETAILS
201 W. Diggins Street, Harvard IL 60033

PUBLIC STREETS PAVEMENT SECTION

DATE: 9/15/2018
REV 1:
REV 2:

R-4



NOTES:

SIDEWALK THROUGH DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF HARVARD DETAIL R-1 OR R-2 AS APPROPRIATE. ALL SIDEWALKS SHALL HAVE CONTRACTION JOINTS AT 5' INTERVALS AND EXPANSION JOINTS AT 25' INTERVALS.

City of Harvard
ENGINEERING DETAILS
201 W. Diggins Street, Harvard IL 60033

SIDEWALK DETAIL

DATE: 9/15/2018
REV 1:
REV 2:

R-6

TALL GRASS DRIVE

FILE NAME =	USER NAME = pmagnelli	DESIGNED - GR	REVISED -
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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARENGO ROAD REHABILITATION
HARVARD STANDARD DETAIL (R-2) (R-4) (R-6)

SCALE: 2' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	29

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT

SIGN PANEL

- ALL TRAFFIC CONTROL SIGNAS SHALL BE PRIZMATIC 3M REFLECTIVE MATERIAL W/1150 CLEAR OVERLAY
- ALL SIGNS SHALL BE 0.08 GAL ALUMINUM 1.5 RC
- INSTALLATION OF SIGNS SHALL BE IN ACCORDANCE WITH LATEST VERSION OF ILLINOIS MUTCD
- ALL STOP SIGN SHALL BE 30" x 30"

METAL POST

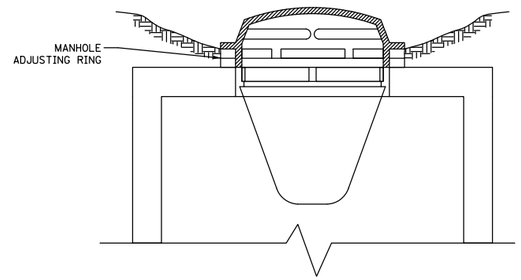
- POSTS SHALL BE GREEN O-CHANNEL, 12-GAUGE GALVANIZED, WITH 3' ANCHORS.
- POSTS SHALL BE 3 LBS/FT FOR ALL TRAFFIC CONTROL SIGNS

City of Harvard
ENGINEERING DETAILS
201 W. Diggins Street, Harvard IL 60033

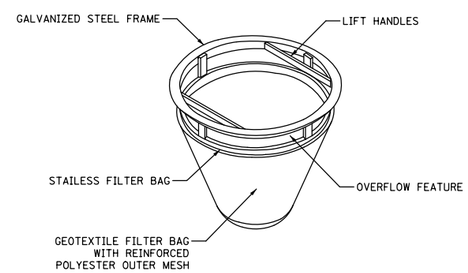
STREET SIGN AND POST STANDARDS

DATE: 9/19/2018
REV 1:
REV 2:

R-11



SECTION THROUGH MANHOLE



FILTER INSERT

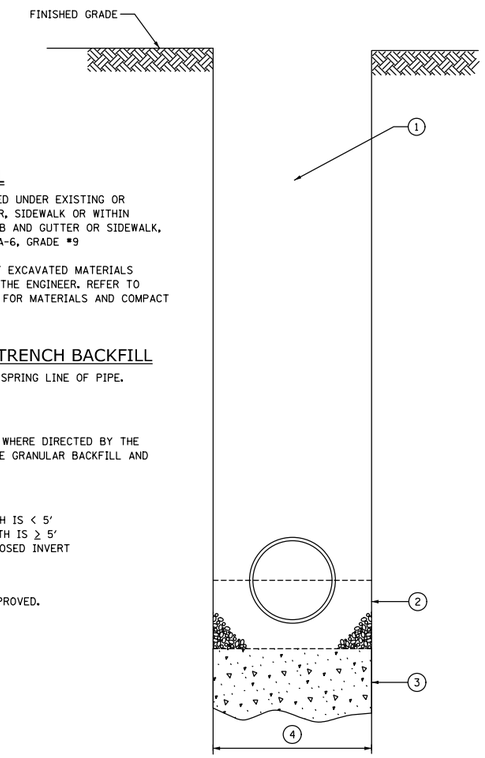
RECTANGULAR BASKETS REQUIRED FOR CURB INLETS

City of Harvard
201 W. Diggins Street, Harvard IL 60033
ENGINEERING DETAILS

TEMPORARY SILTATION BASKET INSTALLATION BETWEEN INLET FRAME AND GRATE

DATE: 3/15/2019
REV 1:
REV 2:
REV 3:

DETAIL NO.
SS-6



1 SELECT TRENCH BACKFILL

GRANULAR TRENCH BACKFILL TO BE USED UNDER EXISTING OR PROPOSED PAVEMENT, CURB AND GUTTER, SIDEWALK OR WITHIN 2' OF ANY EXISTING OR PROPOSED CURB AND GUTTER OR SIDEWALK, SHALL BE MECHANICALLY COMPACTED CA-6, GRADE #9

MECHANICALLY COMPACTED BACKFILL OF EXCAVATED MATERIALS IN OTHER LOCATIONS IF APPROVED BY THE ENGINEER. REFER TO TRENCH BACKFILL SPECIAL PROVISIONS FOR MATERIALS AND COMPACT REQUIREMENTS.

2 PIPE BEDDING & INITIAL TRENCH BACKFILL

#6 WASHED STONE FROM 6" BELOW TO SPRING LINE OF PIPE.

3 UNSUITABLE MATERIALS

IF ENCOUNTERED - SHALL BE REMOVED WHERE DIRECTED BY THE ENGINEER AND REPLACED WITH SUITABLE GRANULAR BACKFILL AND COMPACTED.

4 TRENCH WIDTH

MINIMUM = PIPE O.D. + 18" WHEN DEPTH IS < 5'
MAXIMUM = PIPE O.D. + 36" WHEN DEPTH IS ≥ 5'
DEPTH = PROPOSED SUBGRADE TO PROPOSED INVERT

NOTES:

1. ALL CA-6 MATERIAL TO BE IDOT APPROVED.

City of Harvard
201 W. Diggins Street, Harvard IL 60033
ENGINEERING DETAILS

TYPICAL STORM SEWER TRENCH CROSS SECTION

DATE: 3/15/2019
REV 1:
REV 2:
REV 3:

DETAIL NO.
SS-8

TALL GRASS DRIVE

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		DRAWN - PM	REVISED -
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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

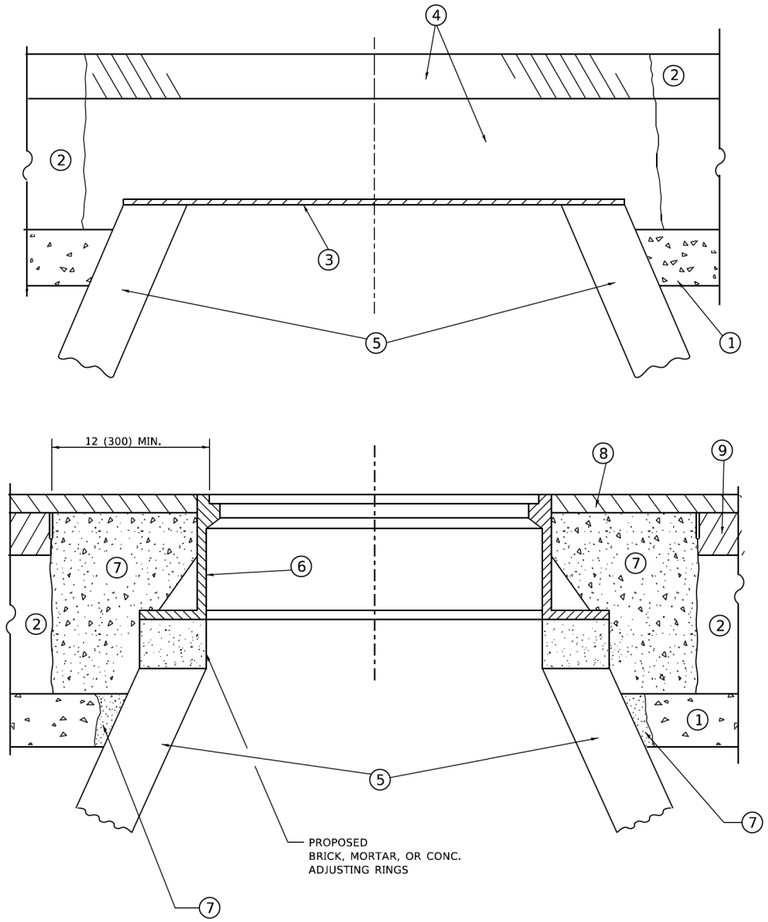
MARENGO ROAD REHABILITATION
HARVARD STANDARD DETAIL (R-11) (SS-6) (SS-8)

SCALE: 2' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	30

CONTRACT NO. 61M59

ILLINOIS | FED. AID PROJECT



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-2* CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	DRAWN -	REVISED - R. BORO 12-06-11	
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PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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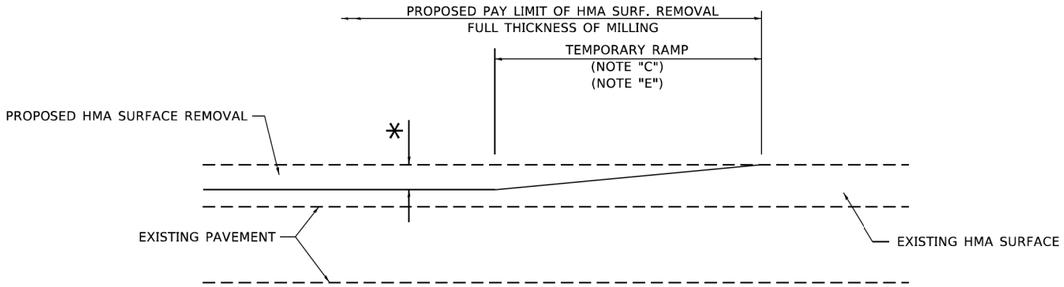
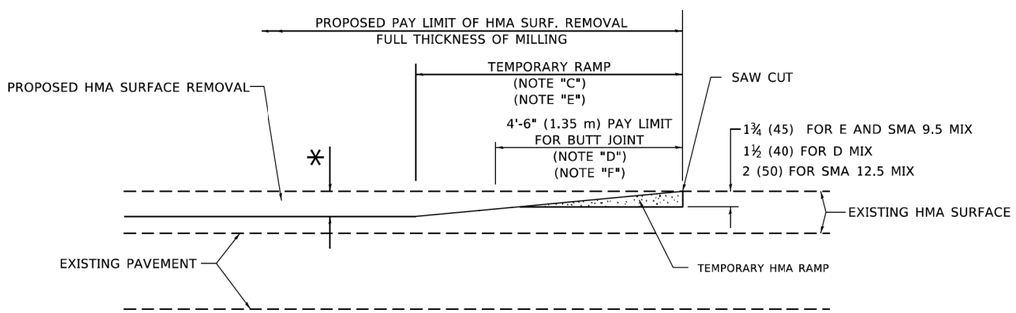
	BD600-03 (BD-08)	CONTRACT NO. 61M59		
		ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

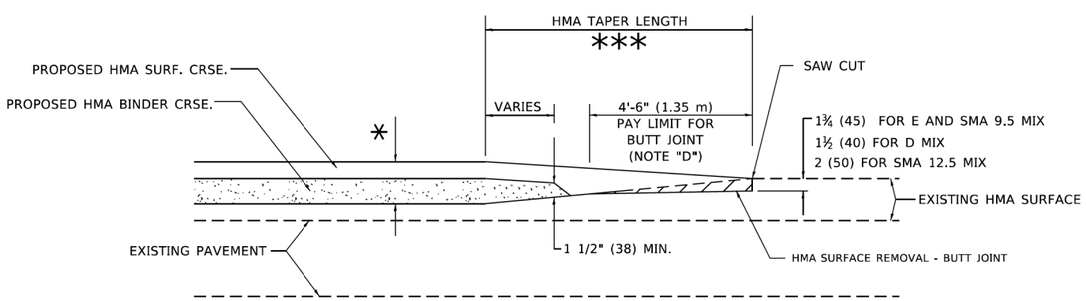


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

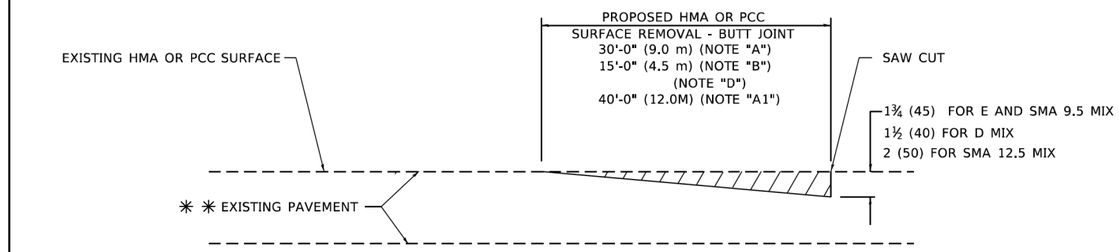
OPTION 2

TYPICAL TEMPORARY RAMP

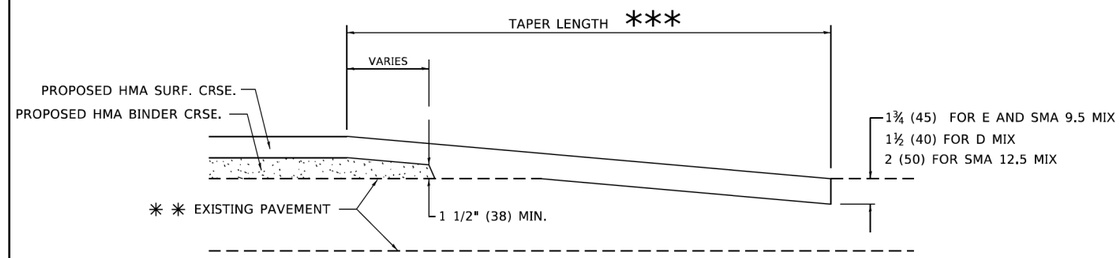


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22	

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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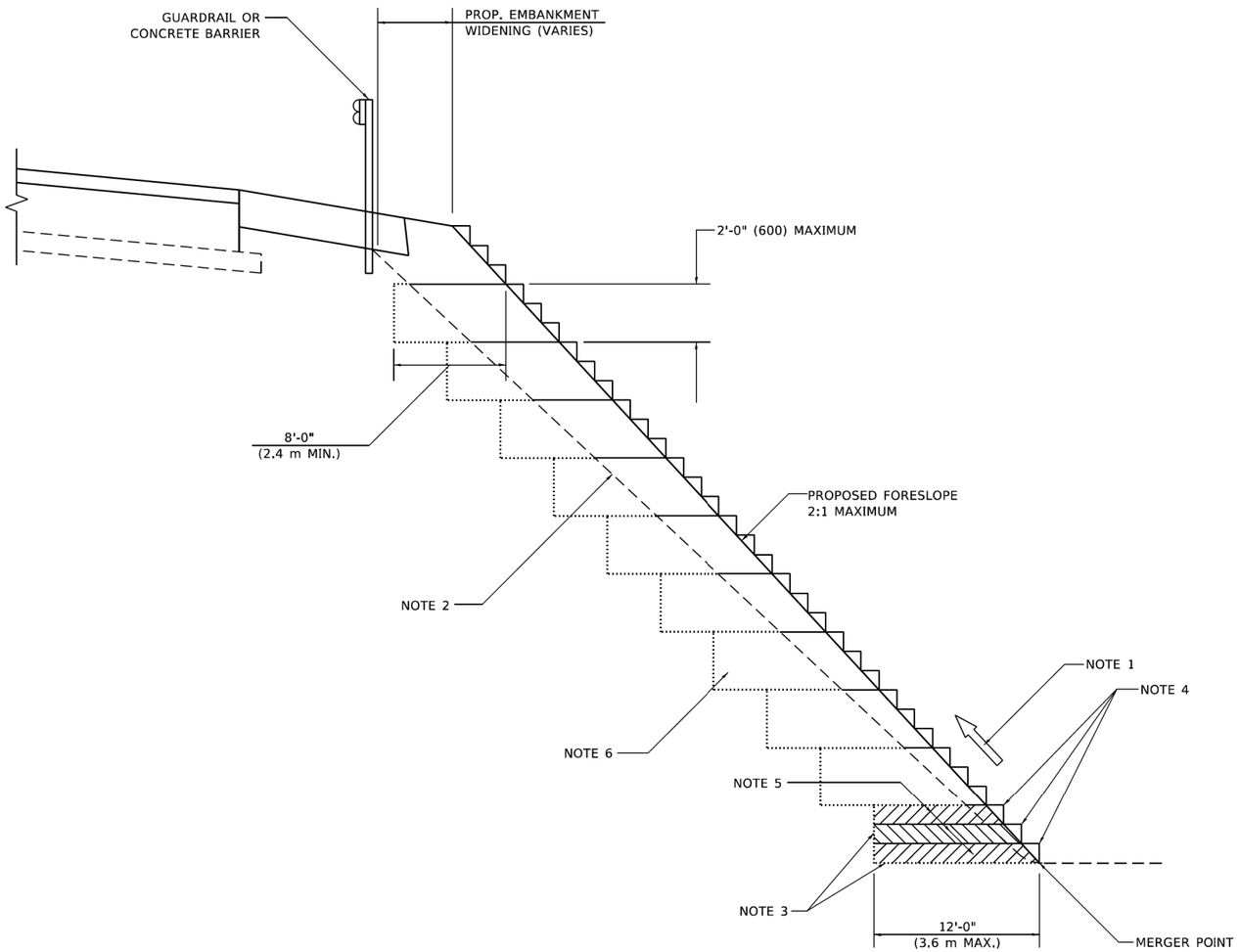
	BD400-05 BD-32	CONTRACT NO. 61M59		
		ILLINOIS FED. AID PROJECT		



TYPICAL BENCHING DETAIL FOR EMBANKMENT

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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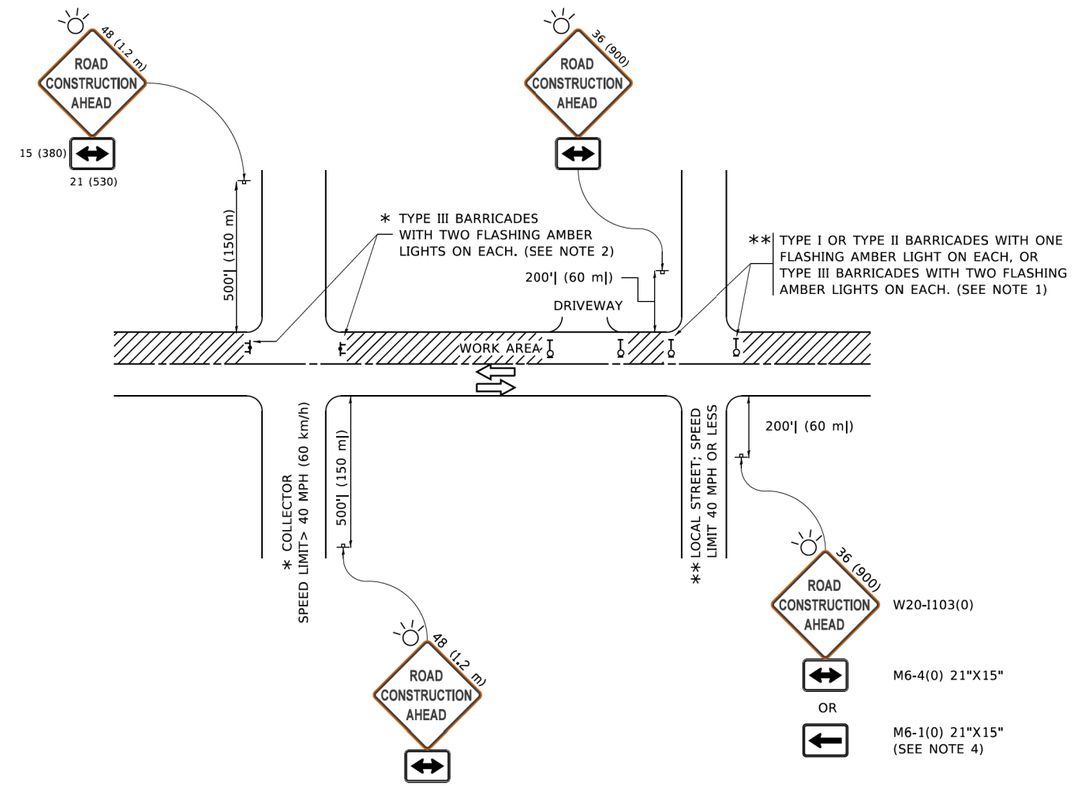
USER NAME = Lawrence.DeManche	DESIGNED -	REVISED - K. SMITH 11-18-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHING DETAIL FOR EMBANKMENT WIDENING			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - CADD	REVISED -					0002	21-00068-00-RS	MCHENRY	60	33
PLOT SCALE = 100.0000 ' / in.	CHECKED - S.E.B.	REVISED -					BD-51		CONTRACT NO. 61M59		
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.		ILLINOIS	FED. AID PROJECT		



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

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	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16	

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

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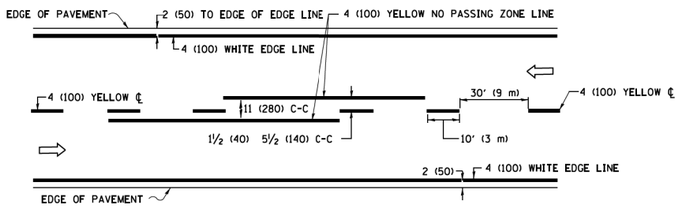
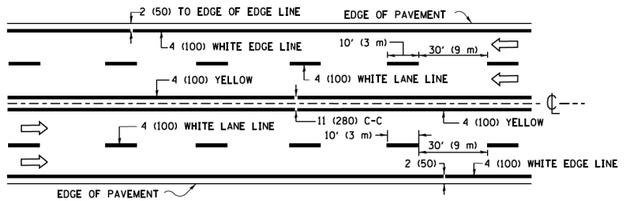
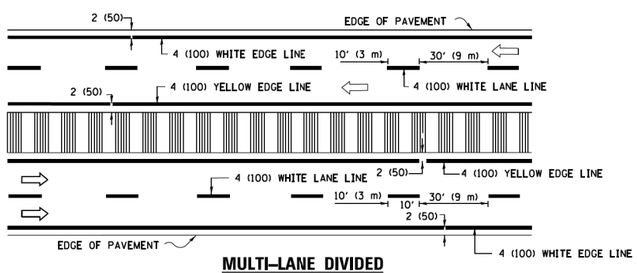
		ILLINOIS FED. AID PROJECT		



2–LANE ROADWAY



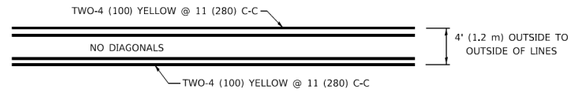
MULTI–LANE UNDIVIDED



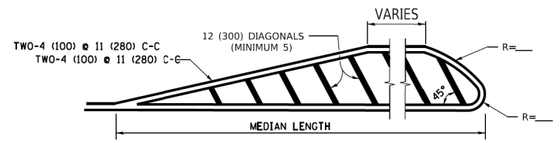
MULTI–LANE DIVIDED

WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



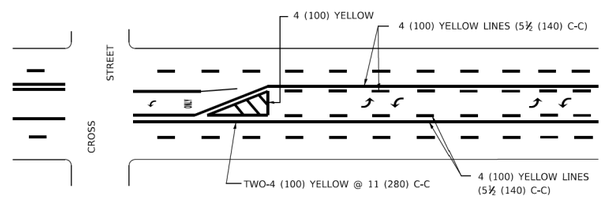
4' (1.2 m) WIDE MEDIANS ONLY



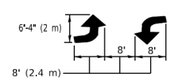
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

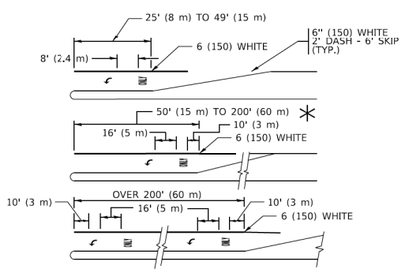


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

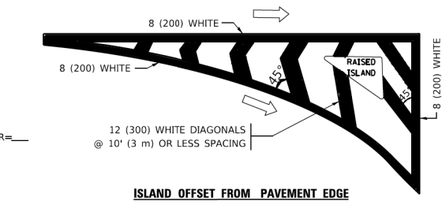


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

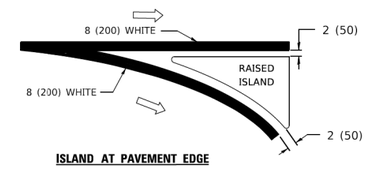
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

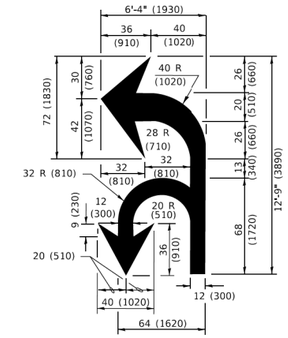


ISLAND OFFSET FROM PAVEMENT EDGE

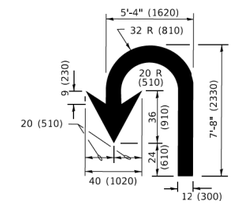


ISLAND AT PAVEMENT EDGE

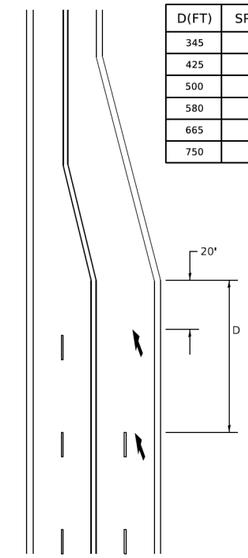
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

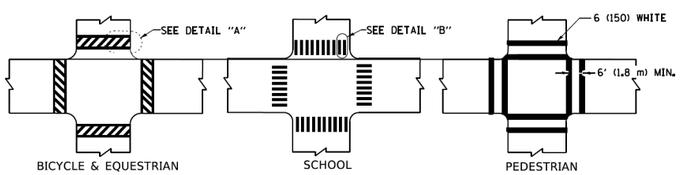
LANE REDUCTION TRANSITION

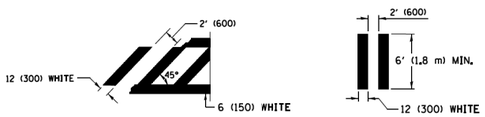
* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.





DETAIL "A" DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

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PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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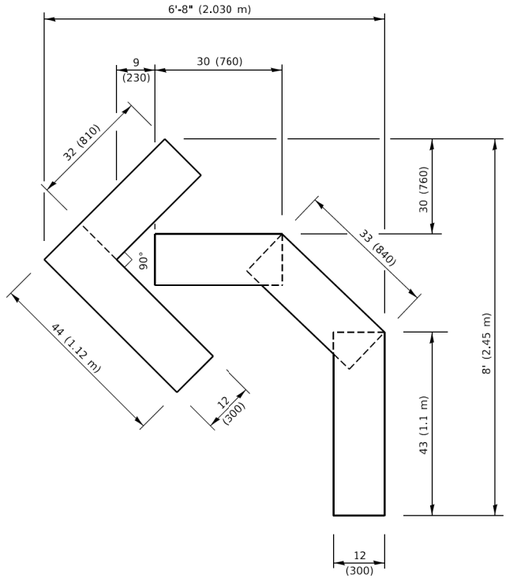
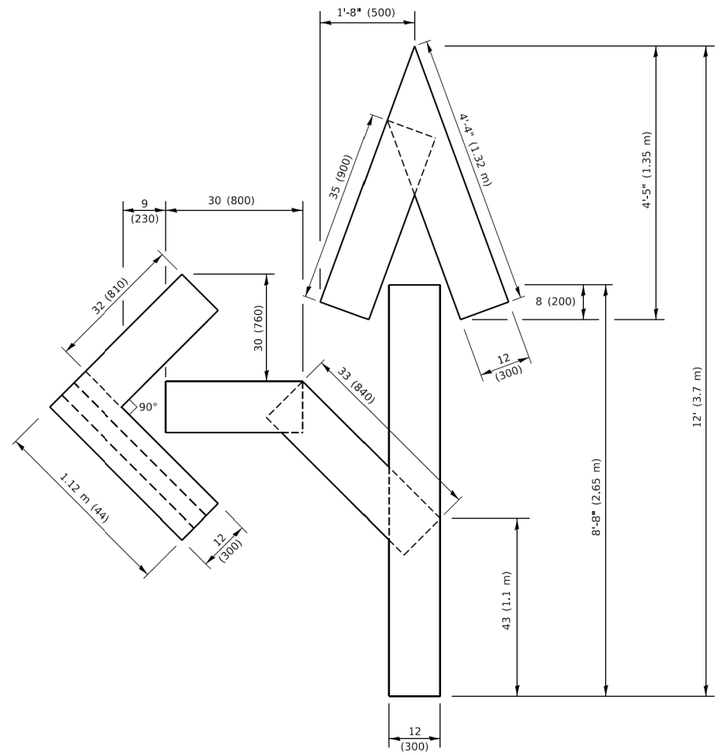
	TC-13	CONTRACT NO. 61M59		
		ILLINOIS	FED. AID PROJECT	



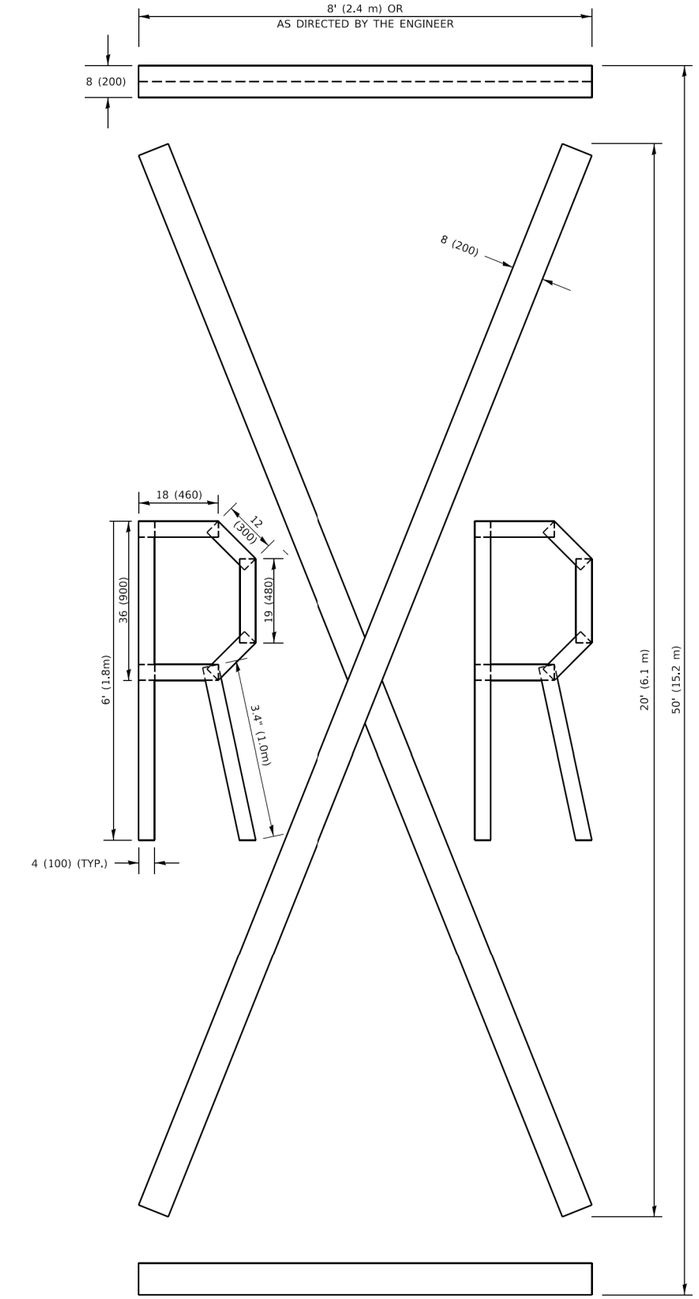
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



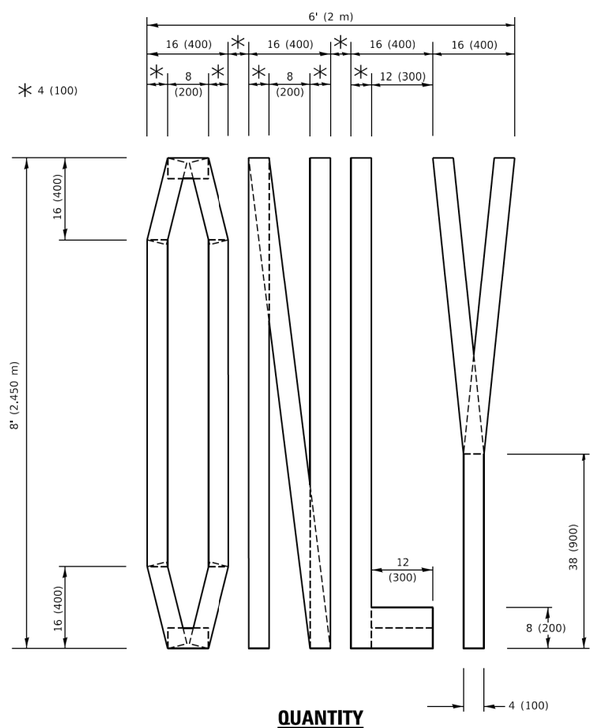
QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.

All dimensions are in inches (millimeters) unless otherwise shown.

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PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0002	21-00068-00-RS	MCHENRY	60	36
	TC-16	CONTRACT NO. 61M59		
	ILLINOIS	FED. AID PROJECT		

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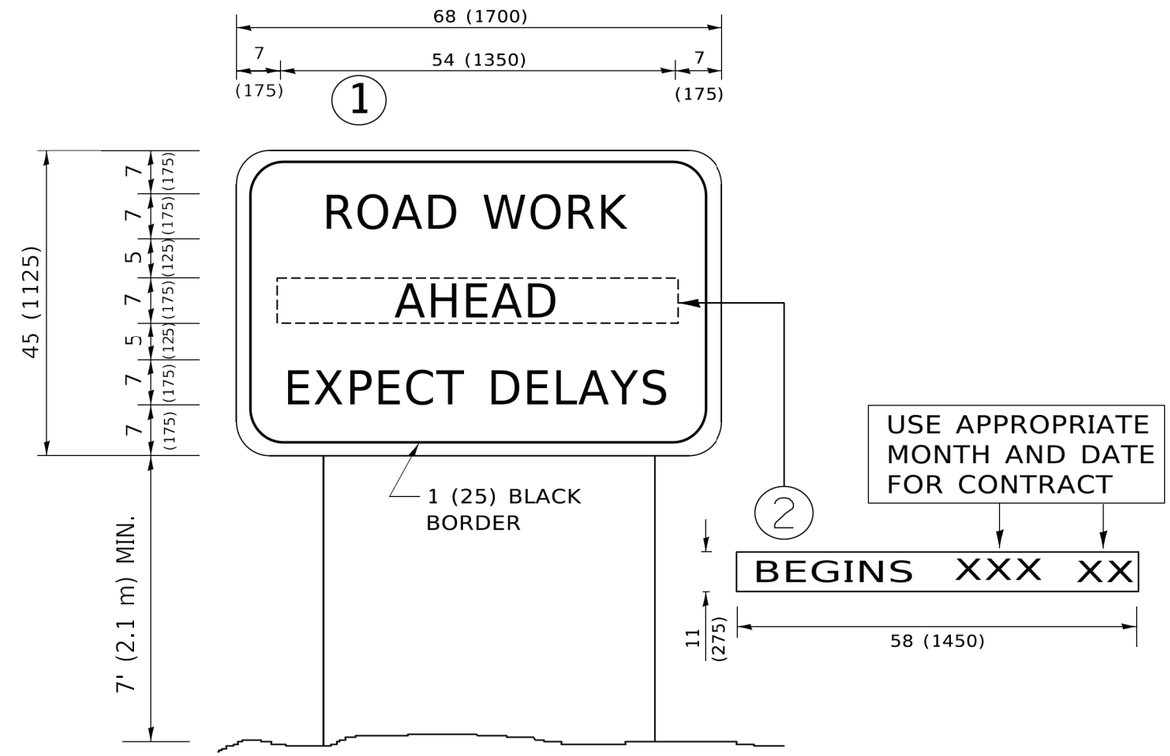
IDOT STANDARD TC-22
MODIFIED FOR THIS PROJECT



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT DATE = 3/4/2019	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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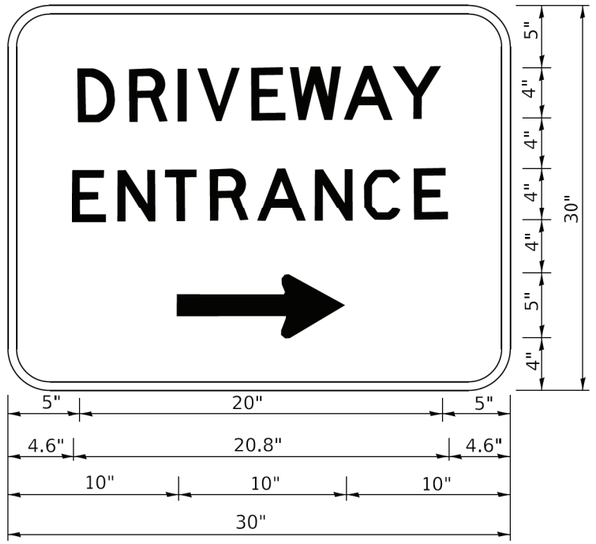

3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL)

IDOT STANDARD TC-26
MODIFIED FOR THIS PROJECT

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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/6/2021	DATE -	REVISED -	

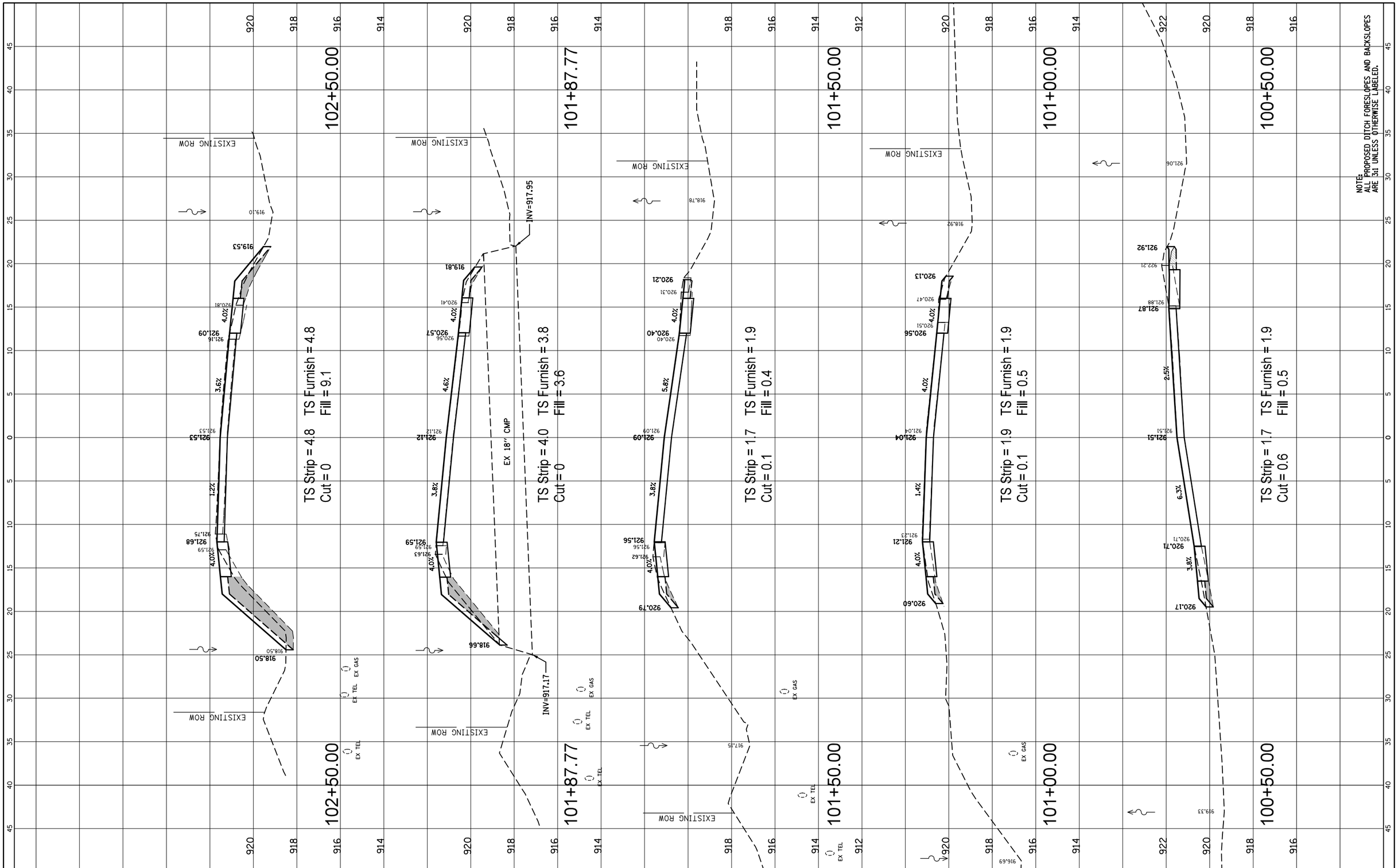
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0002	21-00068-00-RS	MCHENRY	60	38
	TC-26	CONTRACT NO. 61M59		

ILLINOIS | FED. AID PROJECT



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

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

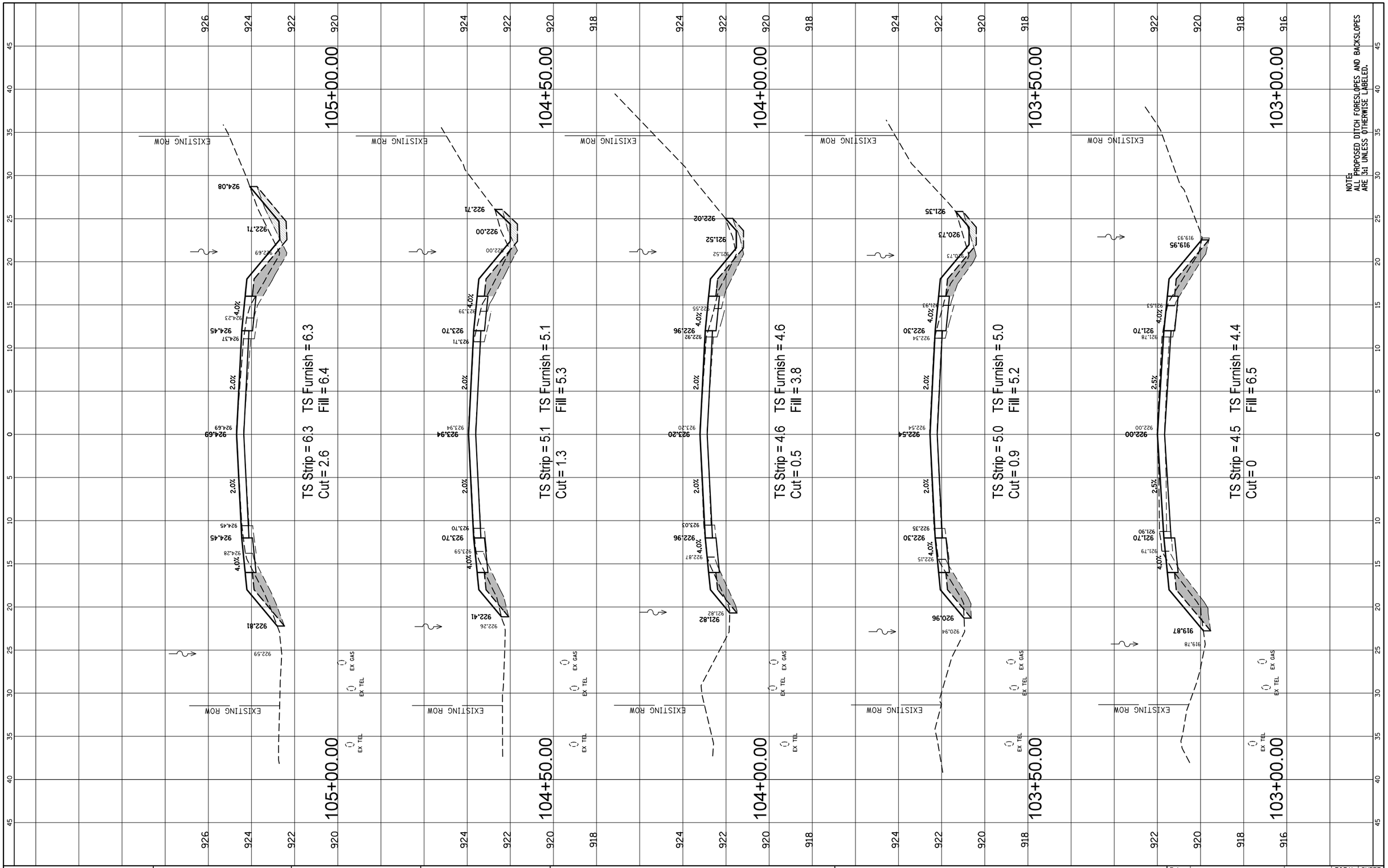
FILE NAME = N:\HARVARD\100's\110001.00115\Civil\XS_110001.00115.sht	USER NAME = pmagnelli	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 100+50.00 TO STA. 102+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	39
		CONTRACT NO. 61M59		
	ILLINOIS FED. AID PROJECT			



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

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

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	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

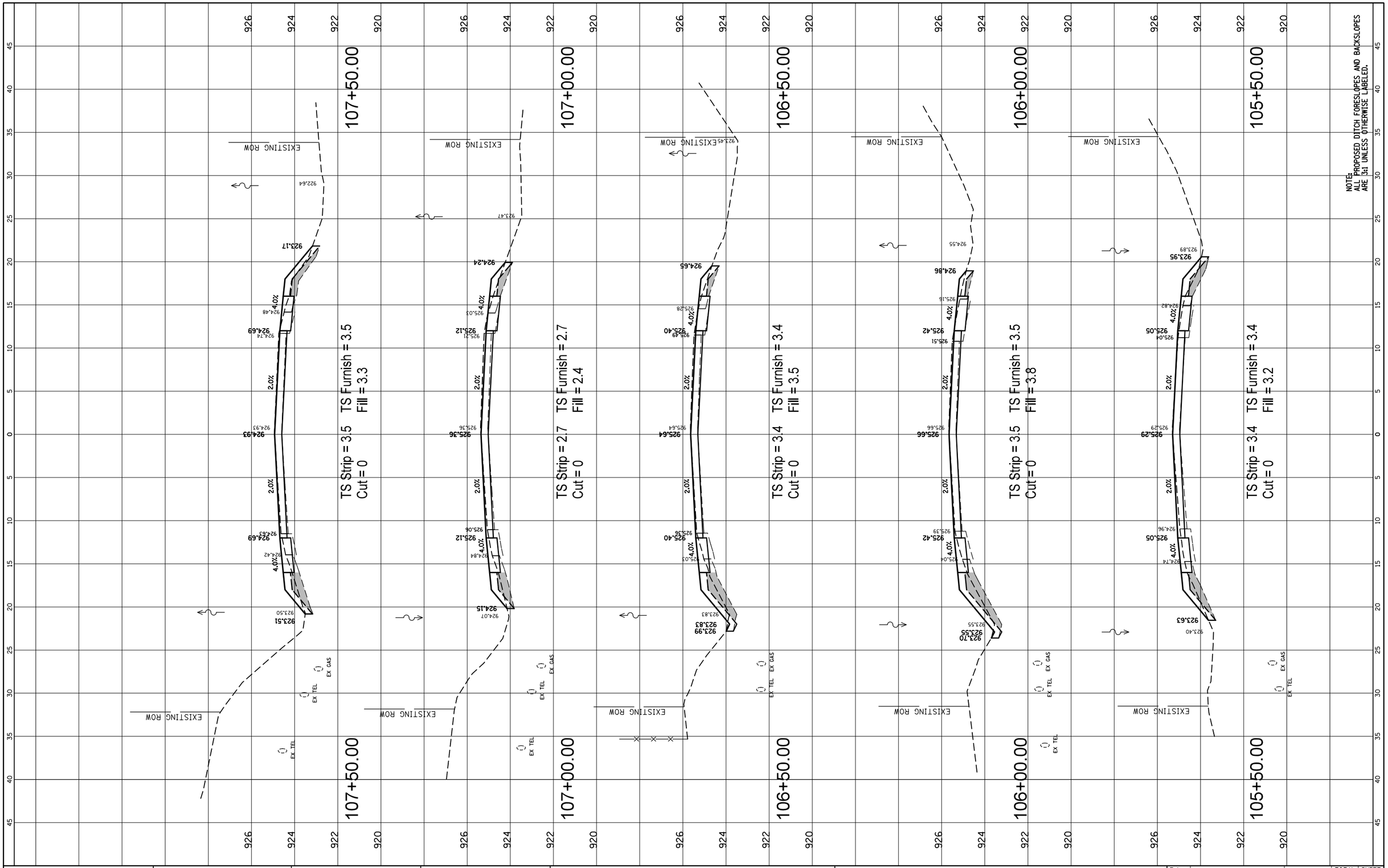
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 103+00.00 TO STA. 105+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	40

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = N:\HARVARD\100's\110001.00115\Civil\XS_110001.00115.sht	USER NAME = pmagnelli	DESIGNED -	REVISED -
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	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

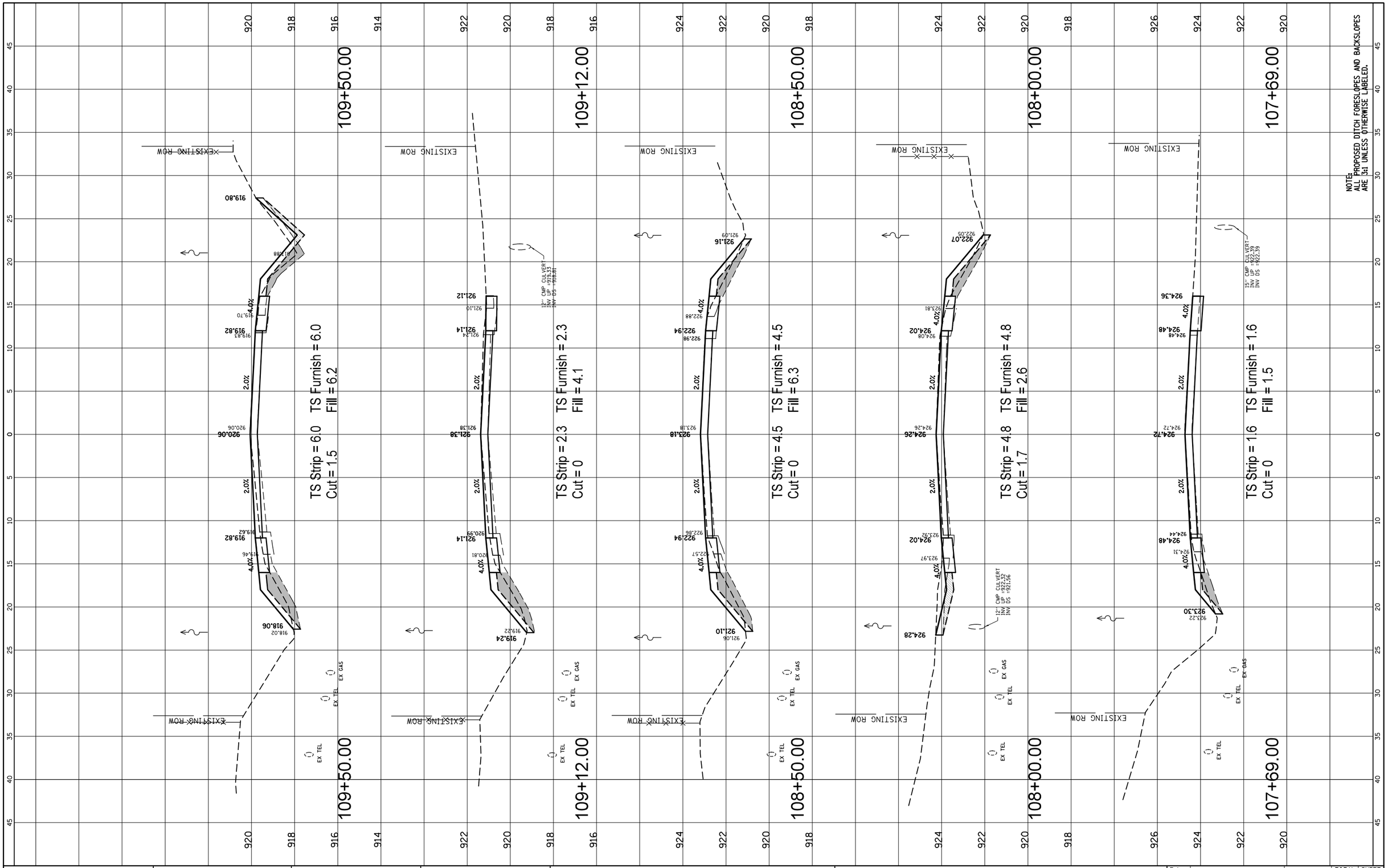
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 105+50.00 TO STA. 107+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	41

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



NOTE:
ALL PROPOSED DITCH FORESLOPES AND BACKSLOPES ARE 3:1 UNLESS OTHERWISE LABELED.

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

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

FILE NAME = N:\HARVARD\100's\110001.00115\Civil\XS_110001.00115.sht	USER NAME = pmagnelli	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

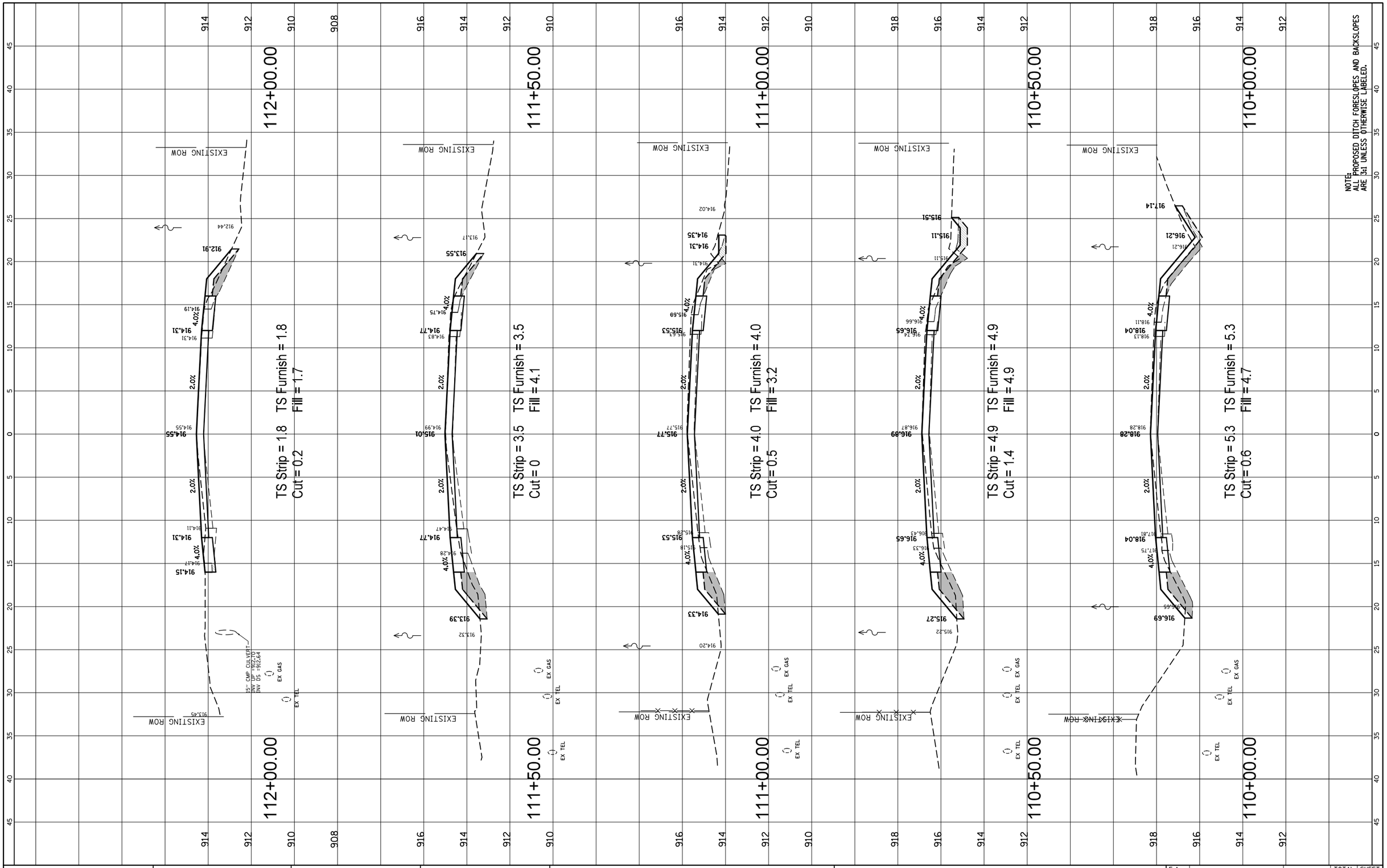
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 107+69.00 TO STA. 109+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	42

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

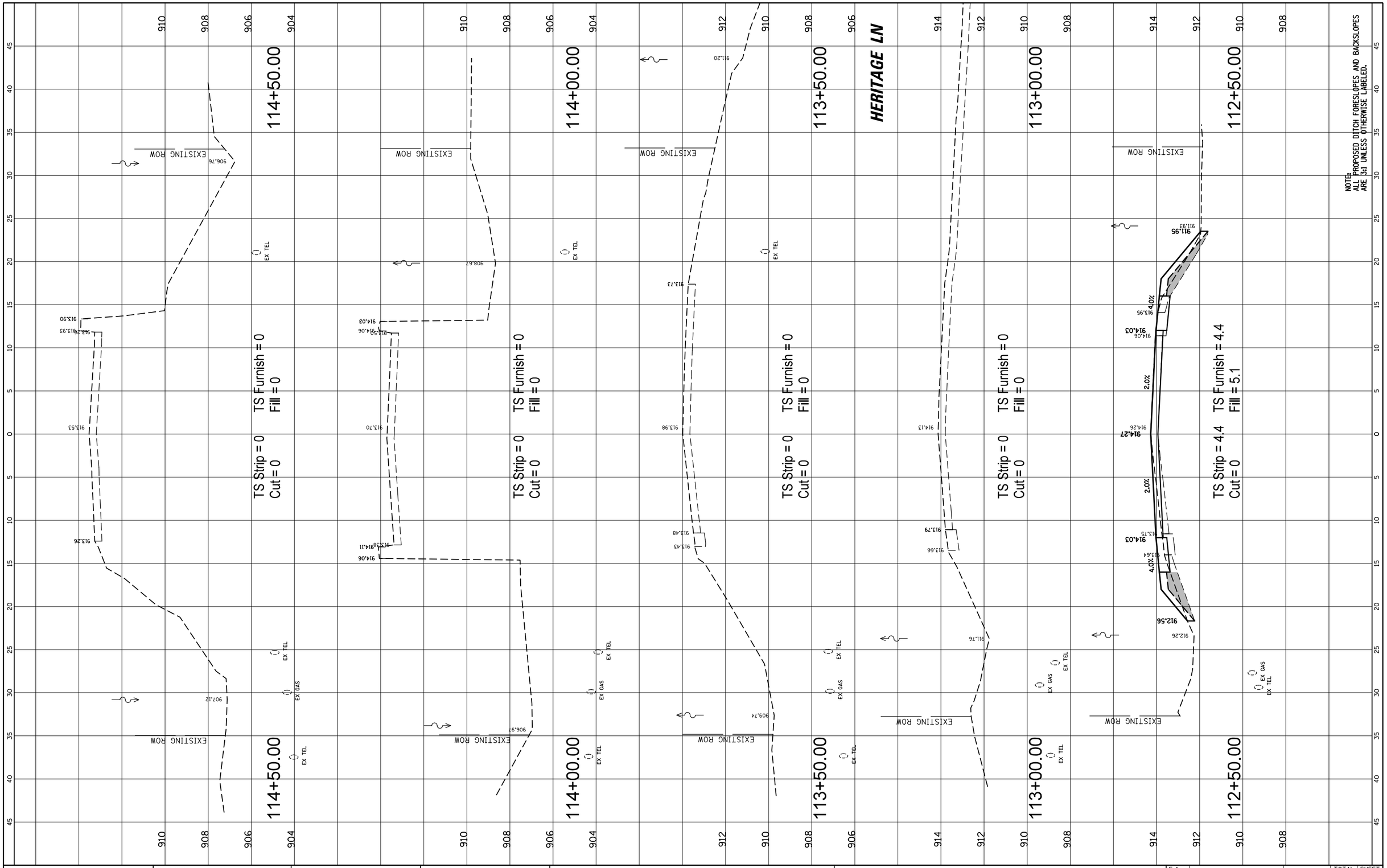
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | **STA. 110+00.00** TO **STA. 112+00.00**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	43

CONTRACT NO. 61M59

ILLINOIS | FED. AID PROJECT



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

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

FILE NAME =	USER NAME = pmagnelli	DESIGNED -	REVISED -
N:\HARVARD\100's\110001.00115\Civil\XS_110001.00115.sht		DRAWN -	REVISED -
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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

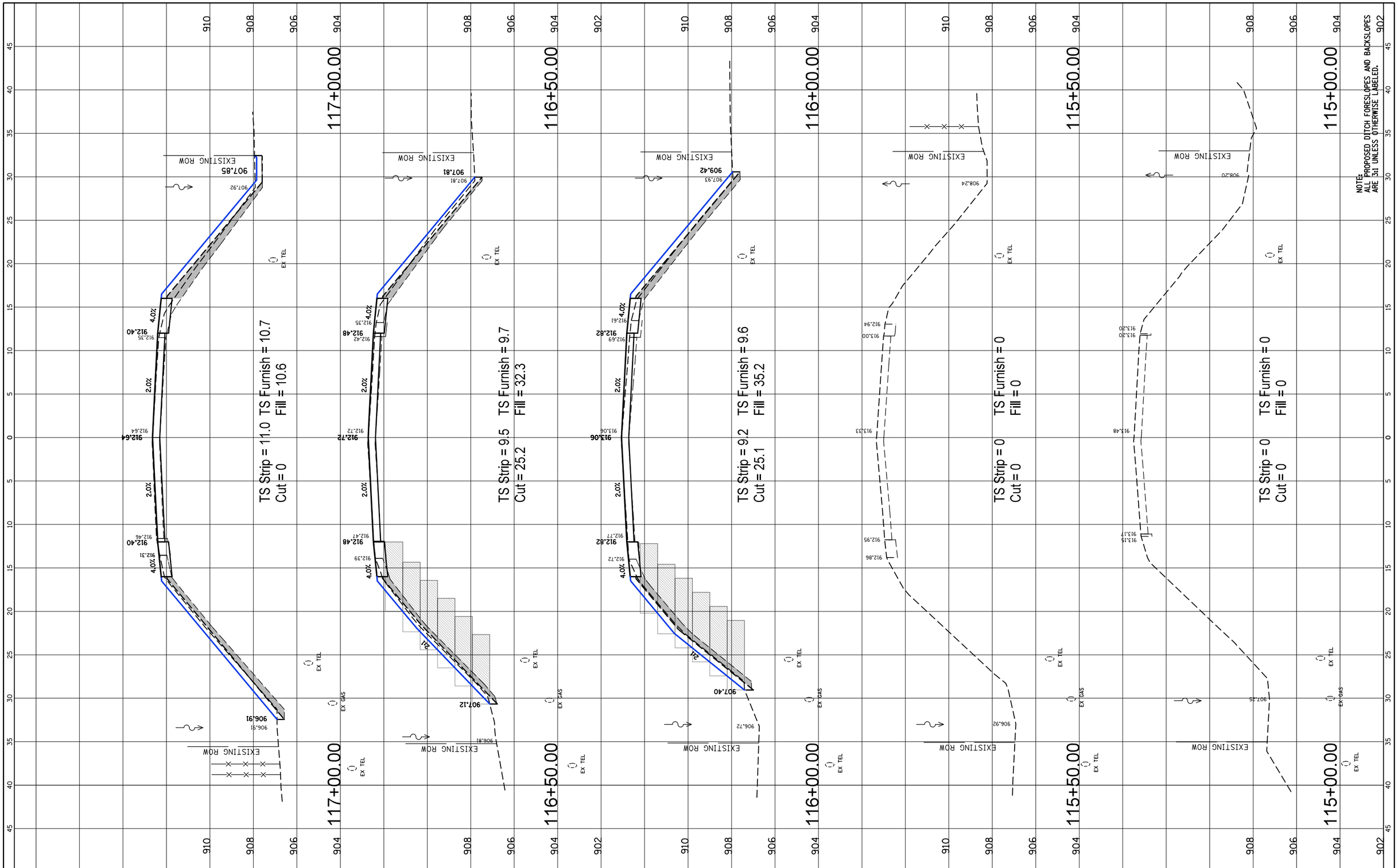
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | **STA. 112+50.00** TO **STA. 114+50.00**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	44

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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	PLOT DATE = 7/21/2026	CHECKED - KB	REVISED -
Default		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

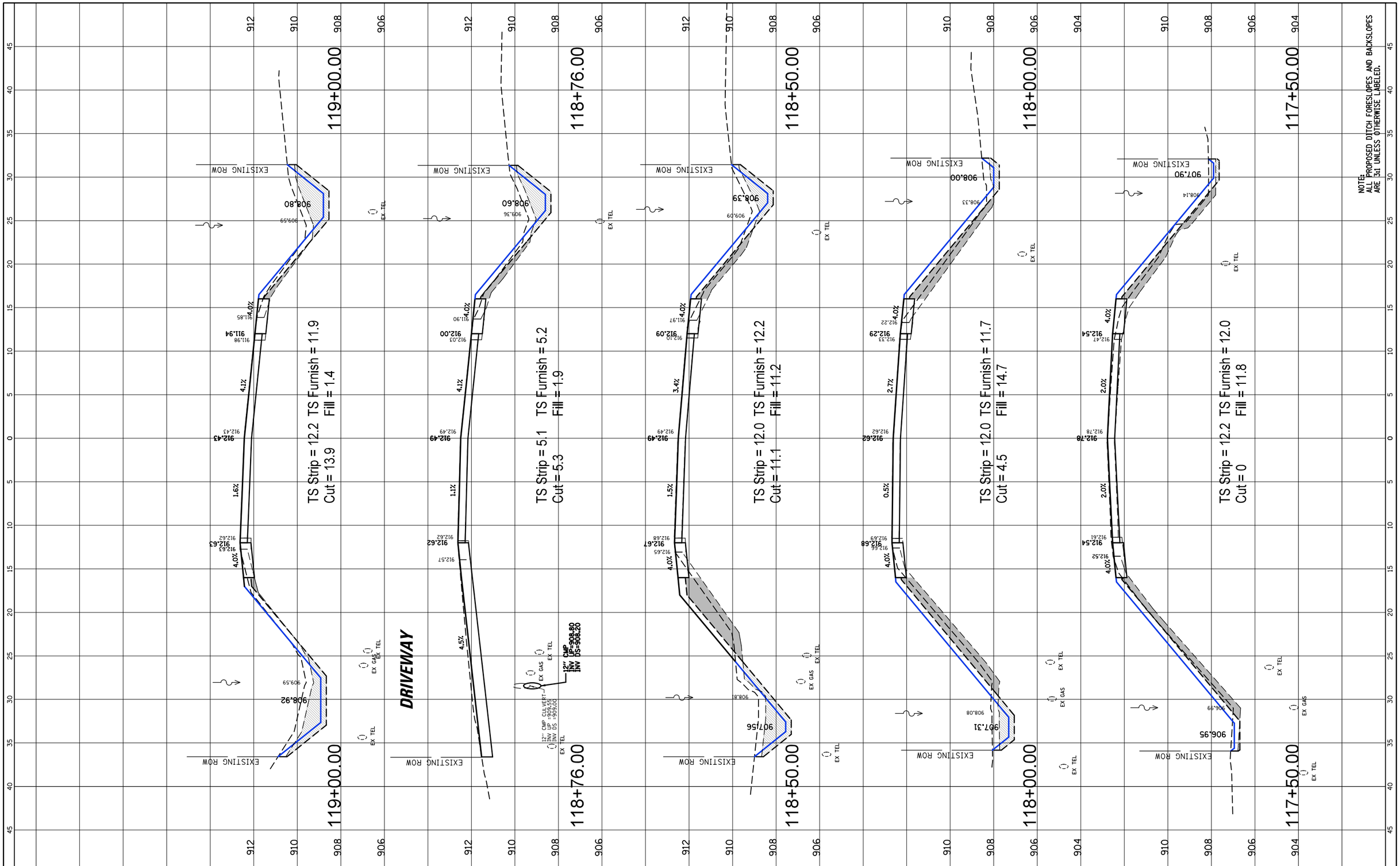
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 115+00.00 TO STA. 117+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	45

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

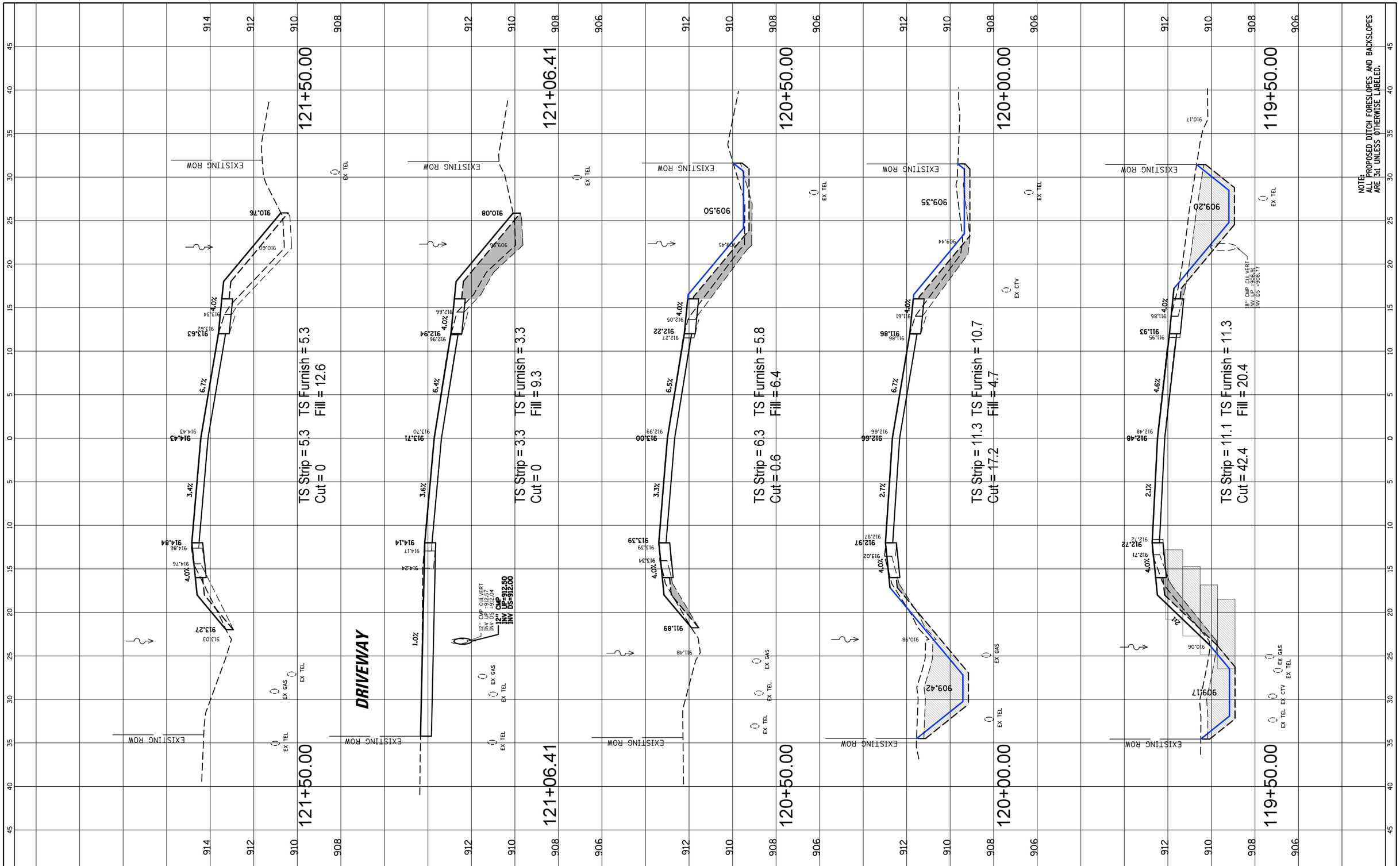
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 117+50.00 TO STA. 119+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	46

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

FILE NAME = N:\HARVARD\100's\110001.00115\Civil\XS_110001.00115.sht	USER NAME = pmagnelli	DESIGNED -	REVISED -
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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

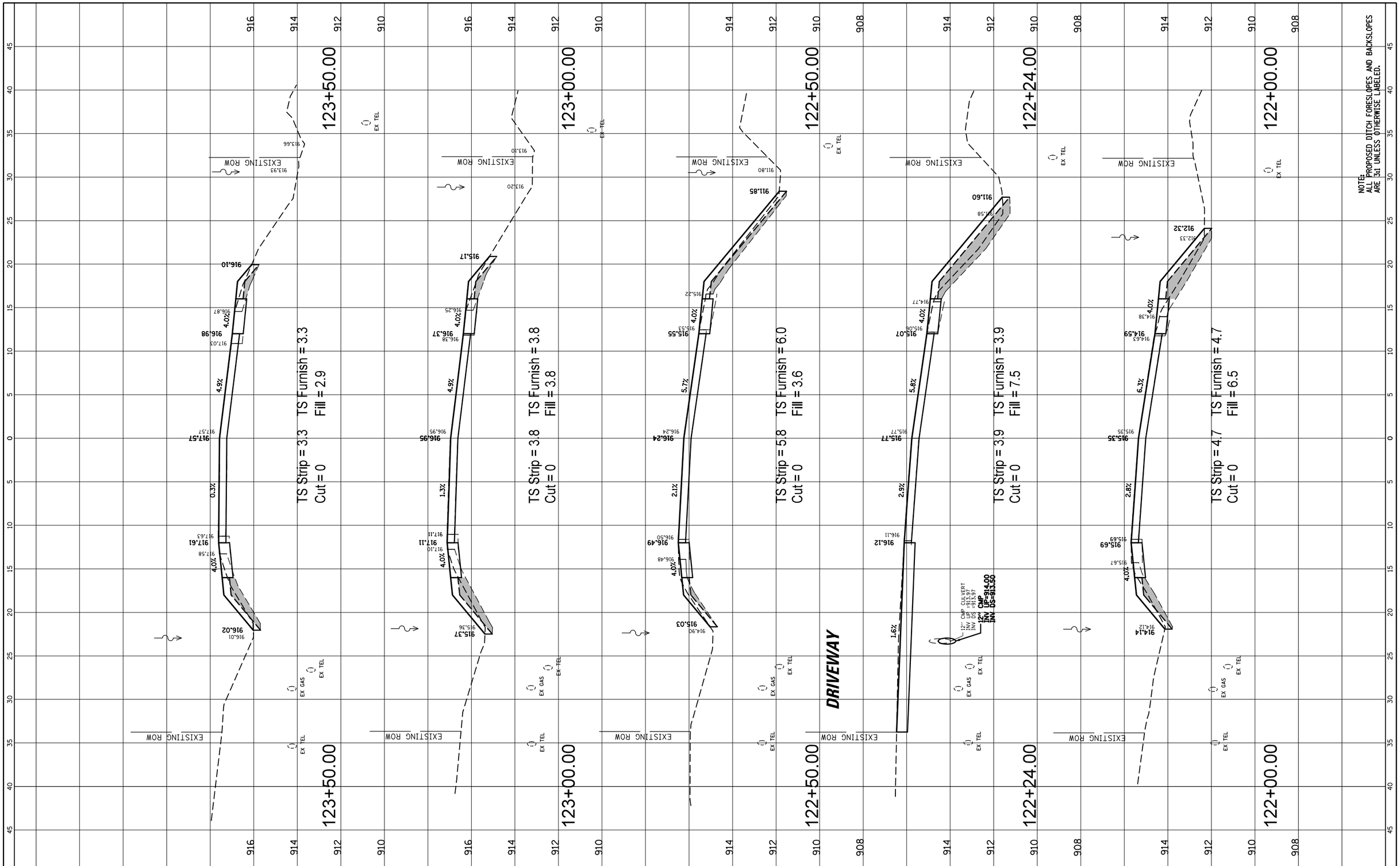
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 119+50.00 TO STA. 121+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	47

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

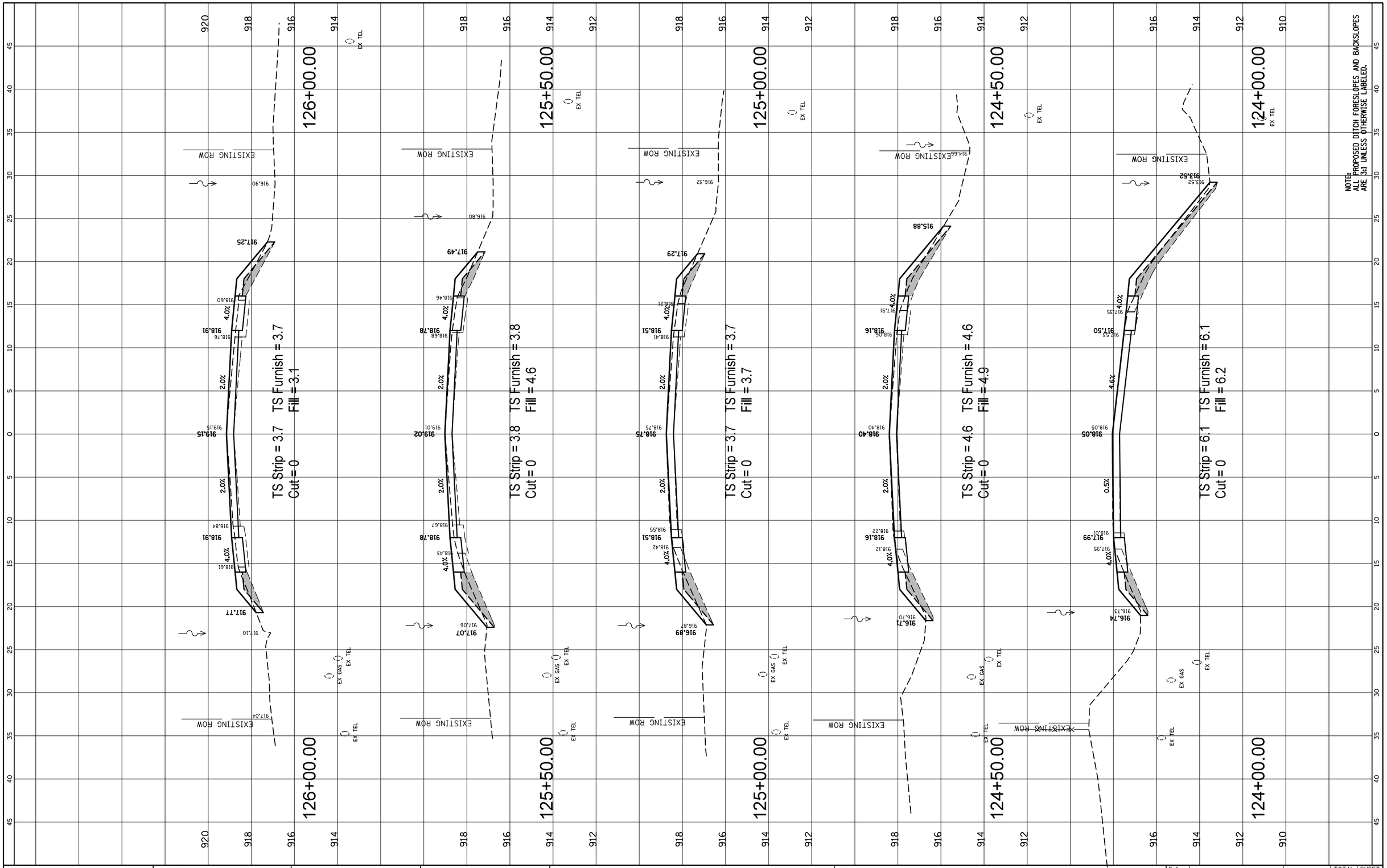
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 122+00.00 TO STA. 123+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	48

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

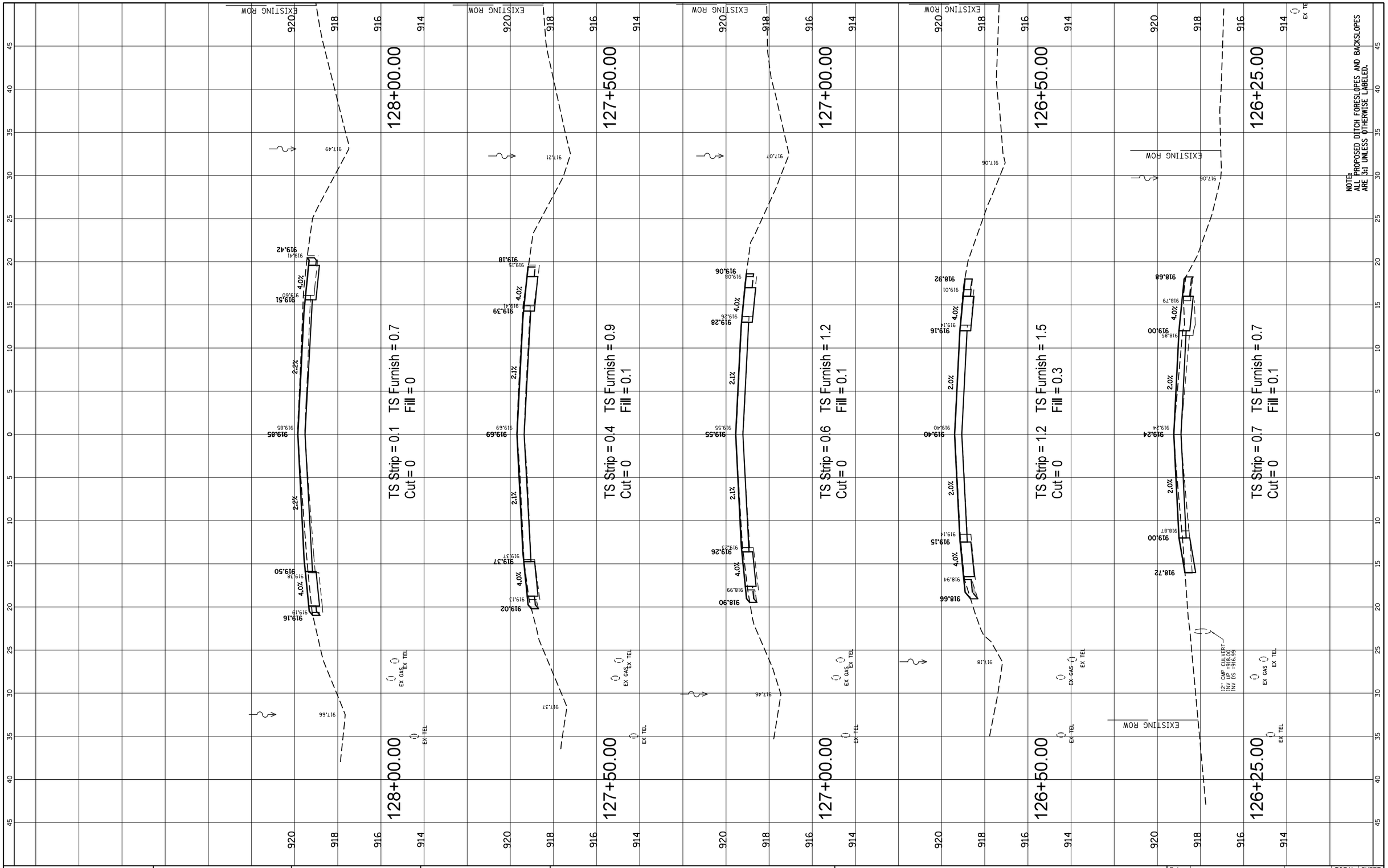
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 124+00.00 TO STA. 126+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	49

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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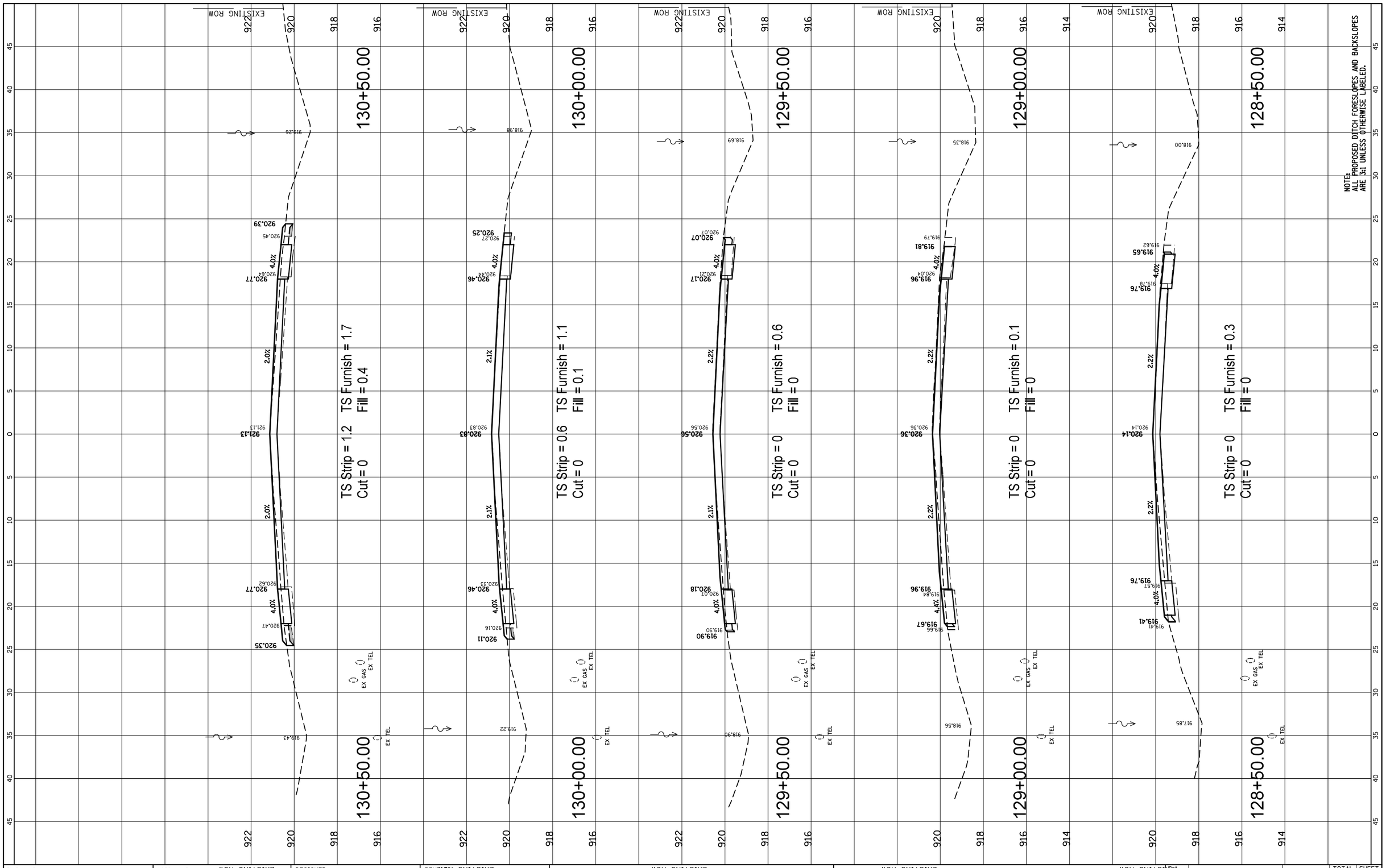
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 126+25.00 TO STA. 128+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	50
		CONTRACT NO. 61M59		
		ILLINOIS FED. AID PROJECT		



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

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

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

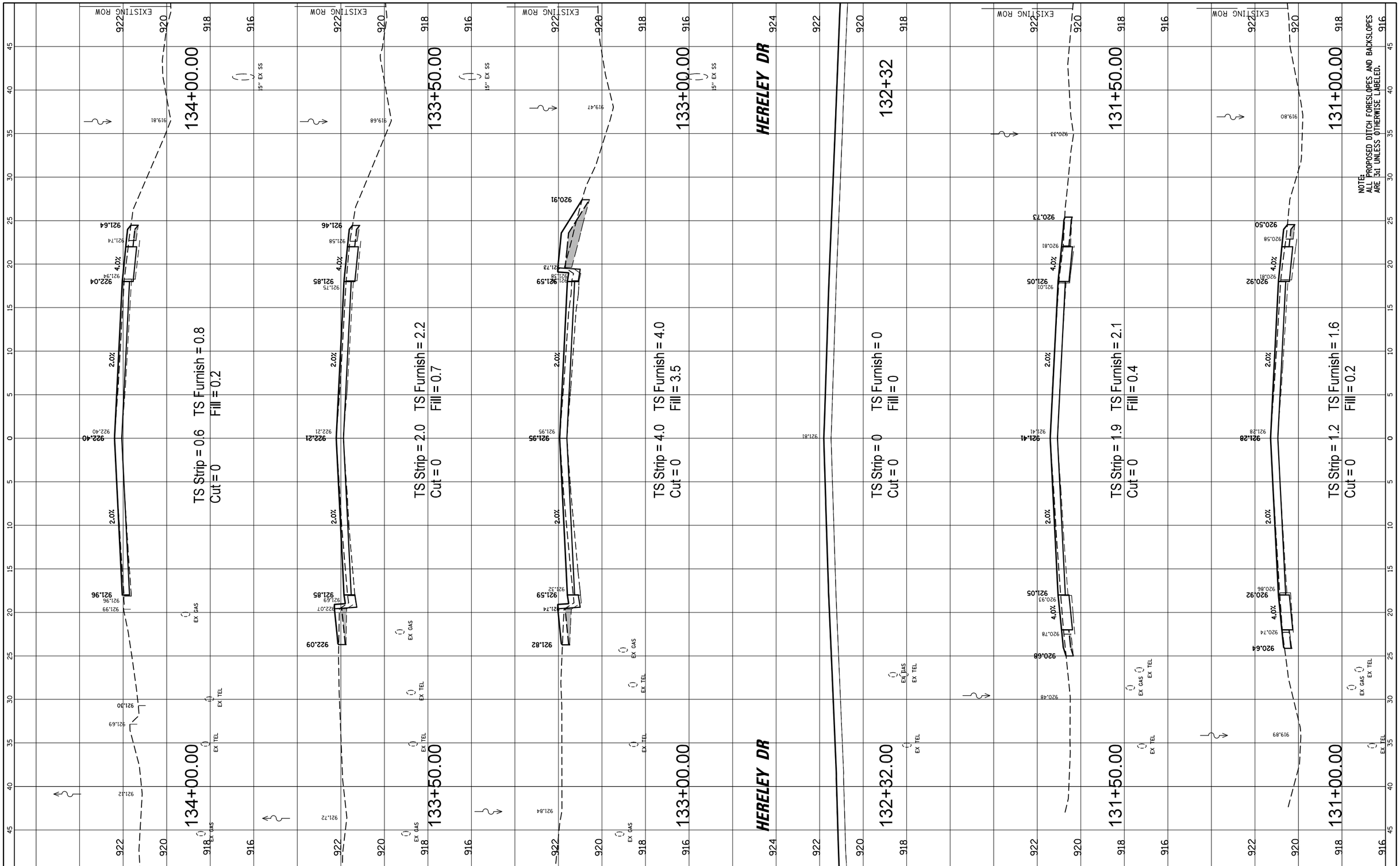
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 128+50.00 TO STA. 130+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	51

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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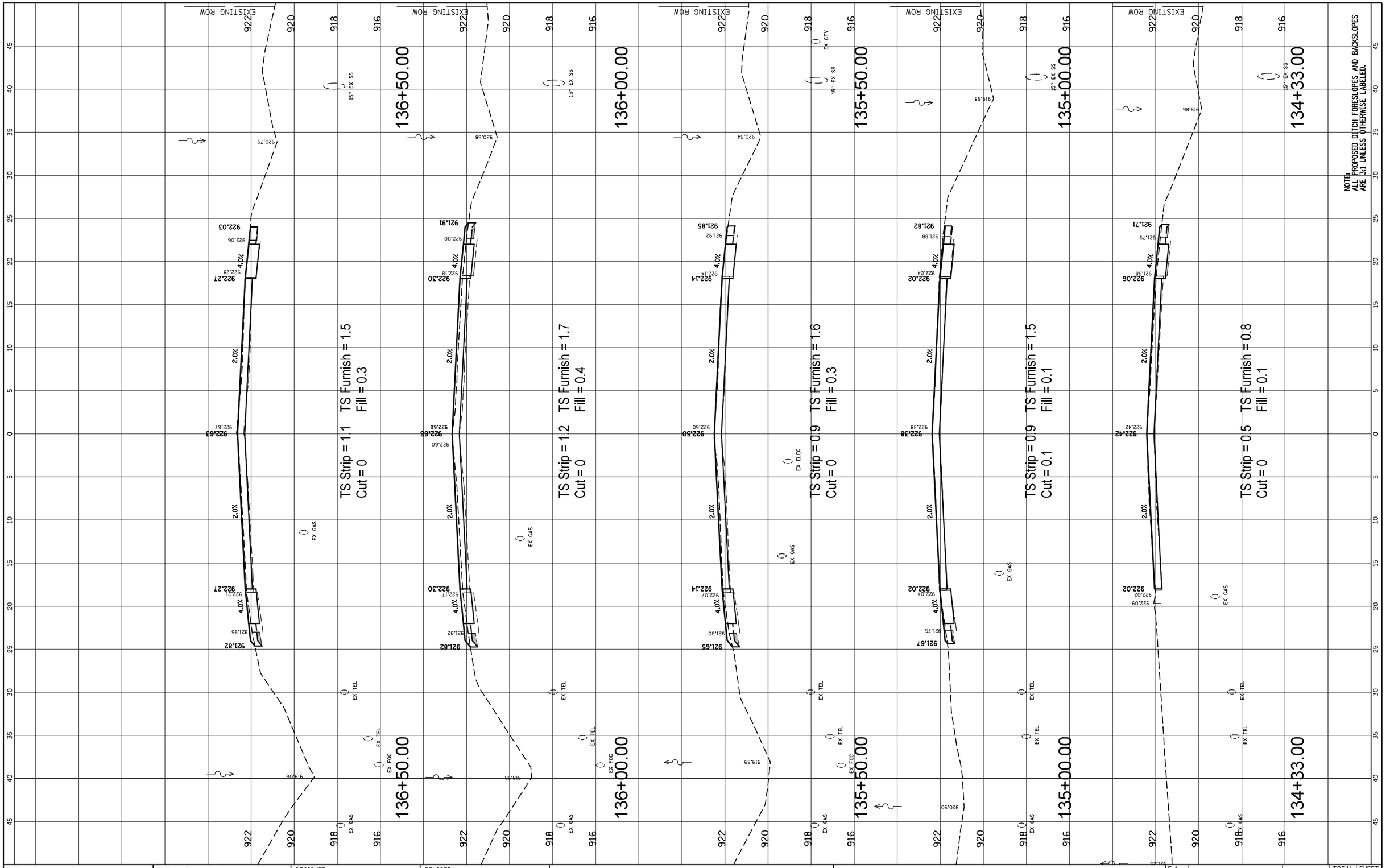
	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 131+00.00 TO STA. 134+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	52
		CONTRACT NO. 61M59		
		ILLINOIS FED. AID PROJECT		



NOTE:
ALL PROPOSED DITCH FORESLOPES AND BACKSLOPES ARE 3:1 UNLESS OTHERWISE LABELED.

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

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

FILE NAME = N:\HARVARD\100's\110001.00115\Civil\XS_110001.00115.sht	USER NAME = pmagnelli	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

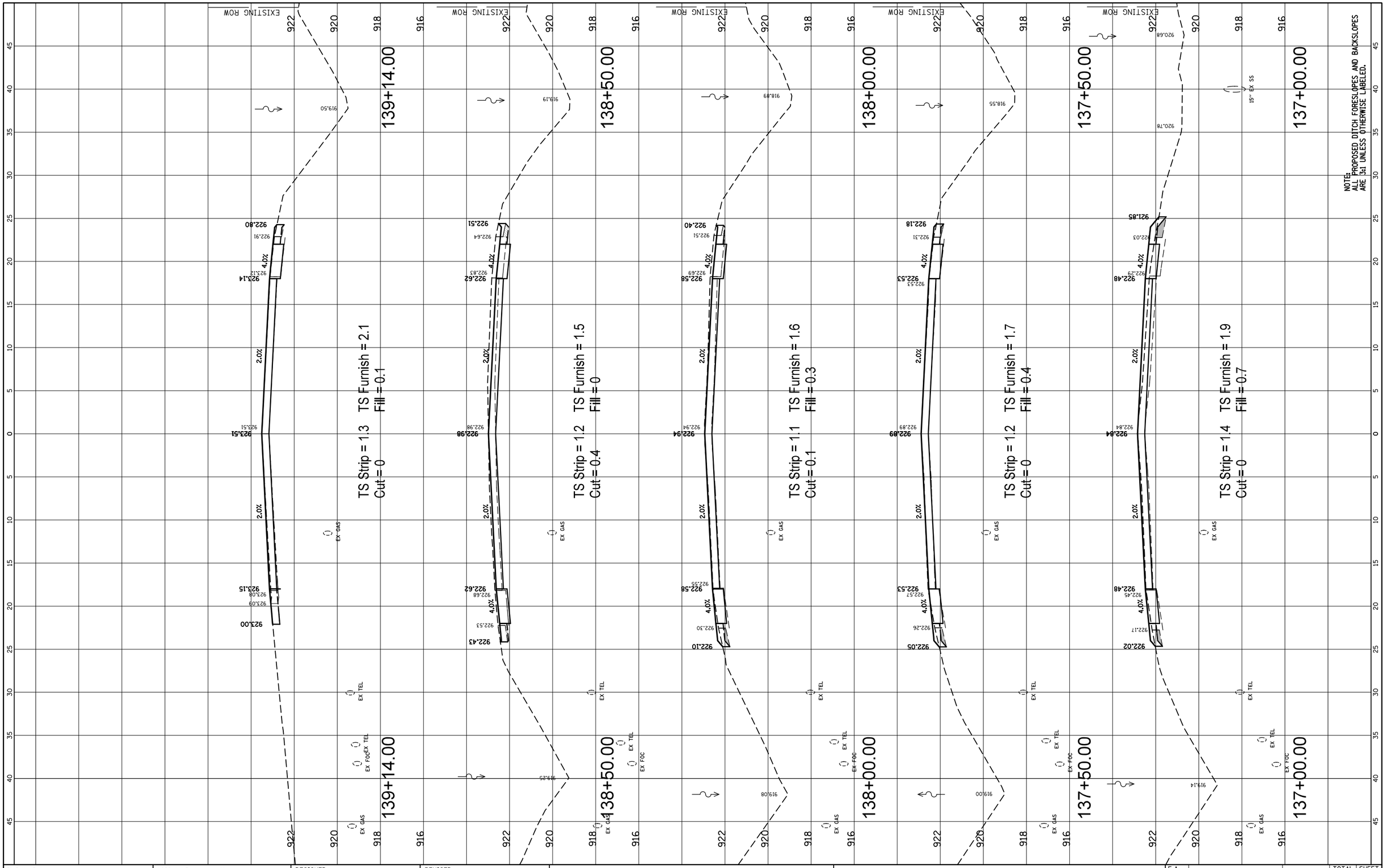
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 134+33.00 TO STA. 136+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	53

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



NOTE:
ALL PROPOSED DITCH FORESLOPES AND BACKSLOPES ARE 3:1 UNLESS OTHERWISE LABELED.

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

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

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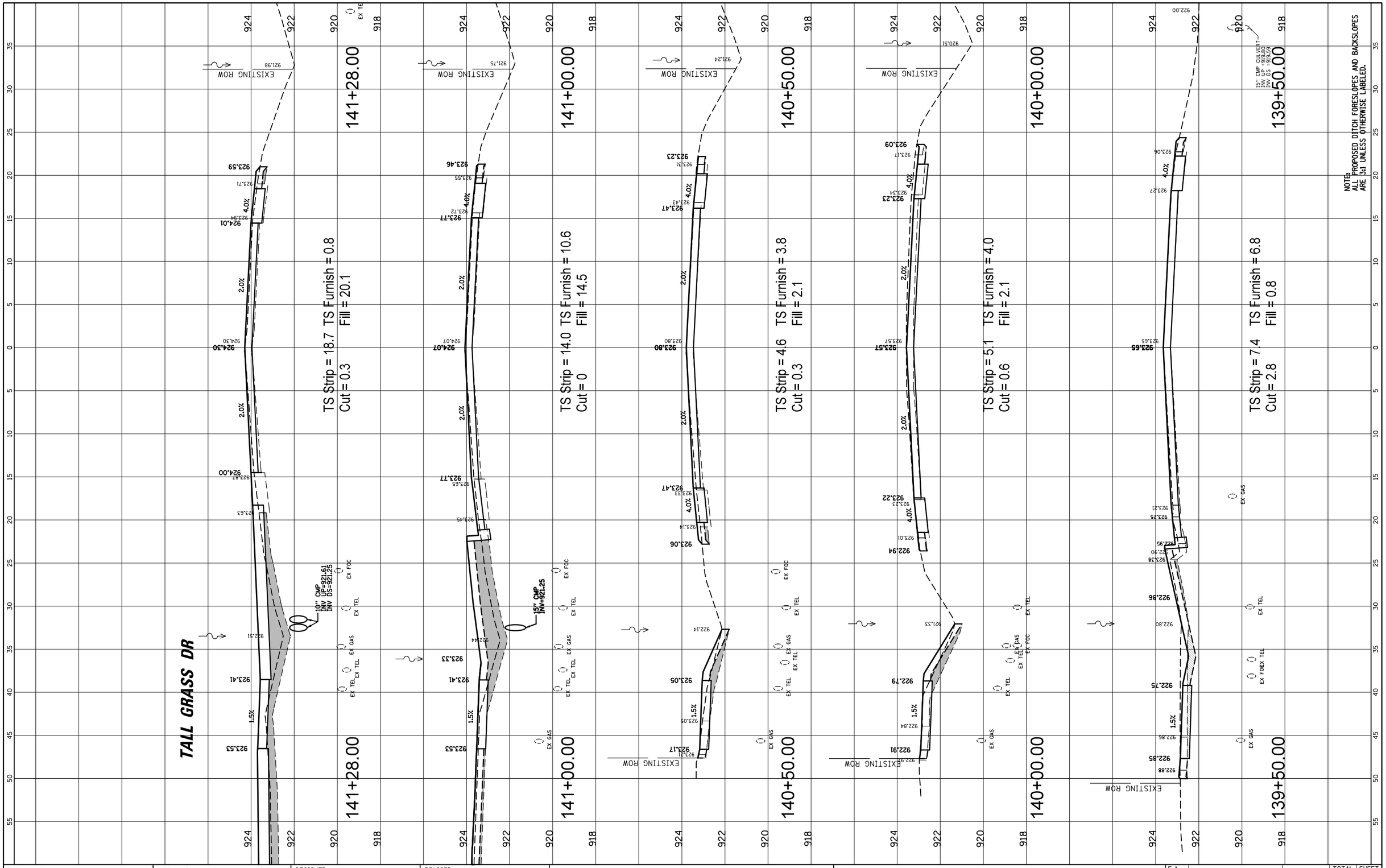
		DRAWN -	REVISED -
	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 137+00.00 TO STA. 139+14.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	54
		CONTRACT NO. 61M59		
		ILLINOIS FED. AID PROJECT		



NOTE:
ALL PROPOSED DITCH FORESLOPES AND BACKSLOPES ARE 3:1 UNLESS OTHERWISE LABELED.

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

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

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		DRAWN -	REVISED -
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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

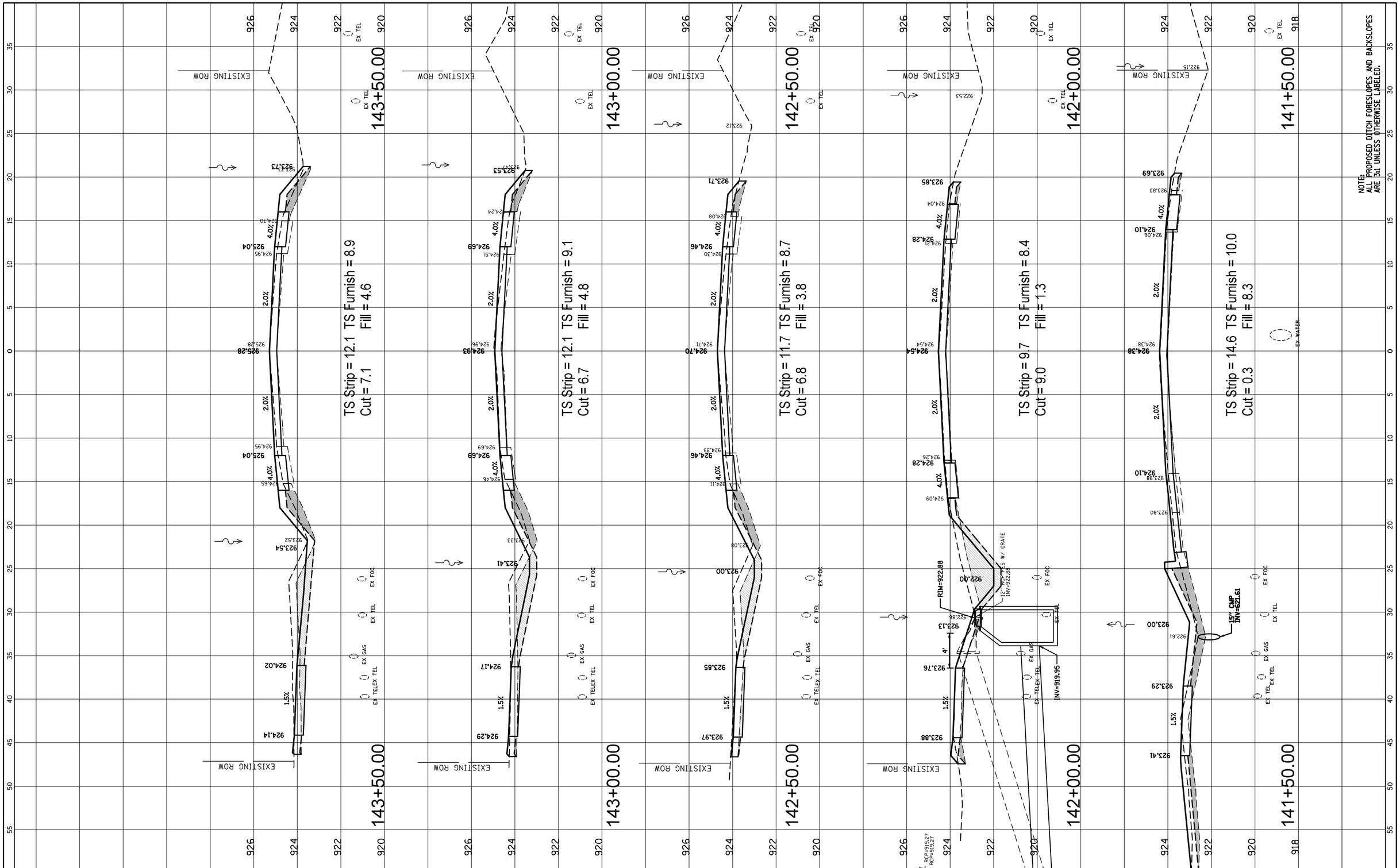
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 139+50.00 TO STA. 141+28.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	55

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



NOTE:
ALL PROPOSED DITCH FORESLOPES AND BACKSLOPES ARE 3:1 UNLESS OTHERWISE LABELED.

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

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

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

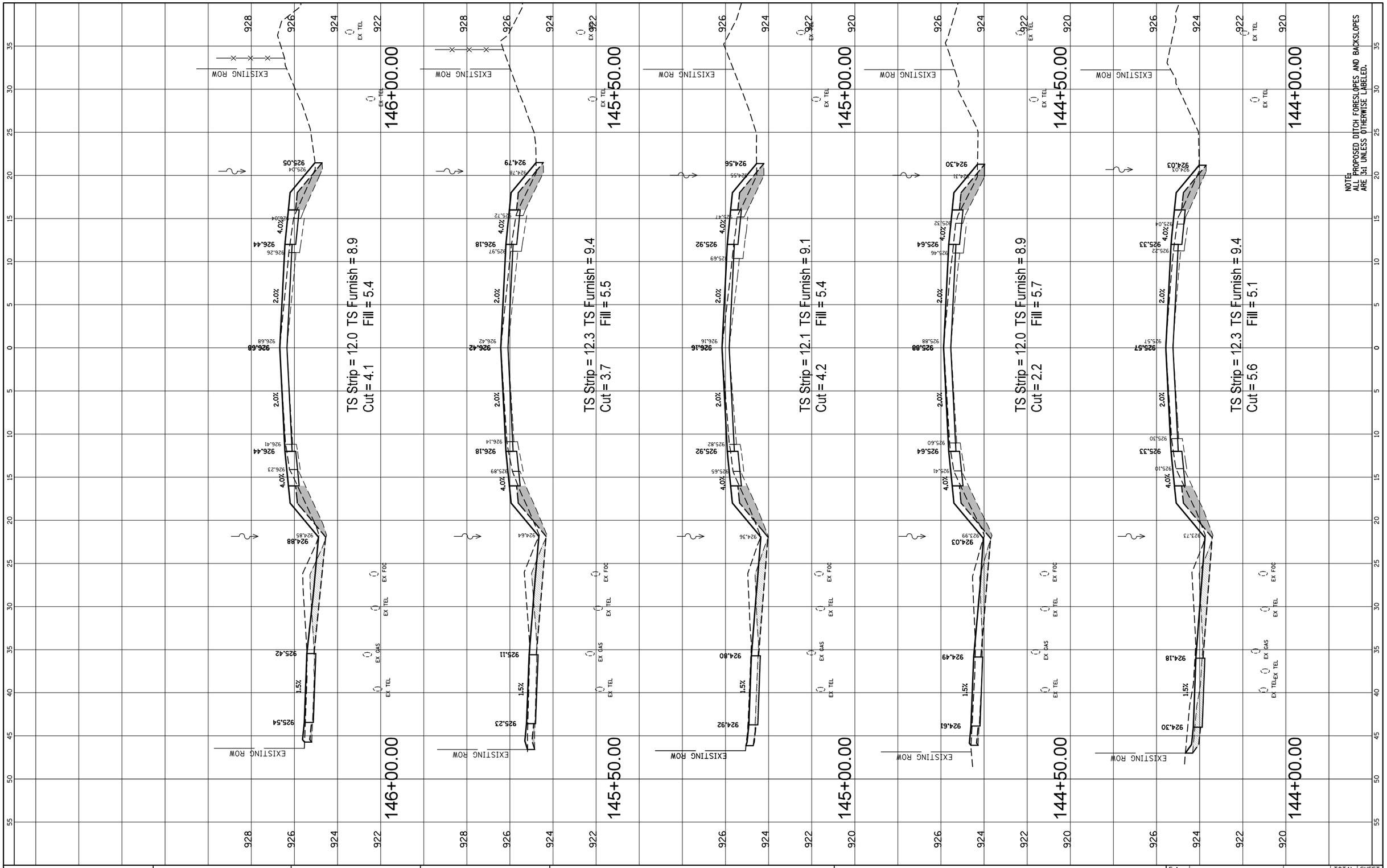
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 141+50.00 TO STA. 143+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	56

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

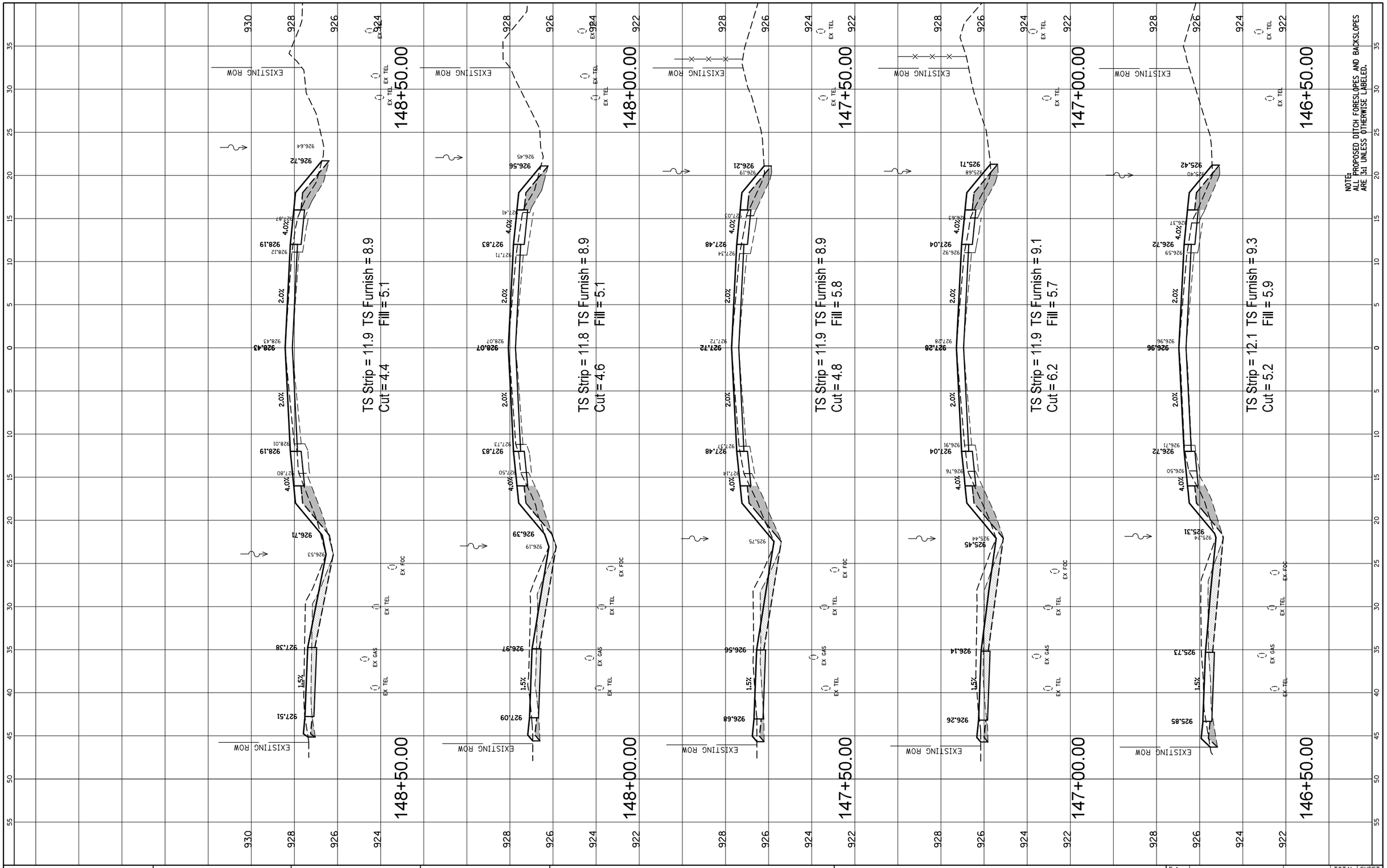
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 144+00.00 TO STA. 146+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	57

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



NOTE:
ALL PROPOSED DITCH FORESLOPES AND BACKSLOPES ARE 3:1 UNLESS OTHERWISE LABELED.

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

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

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Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

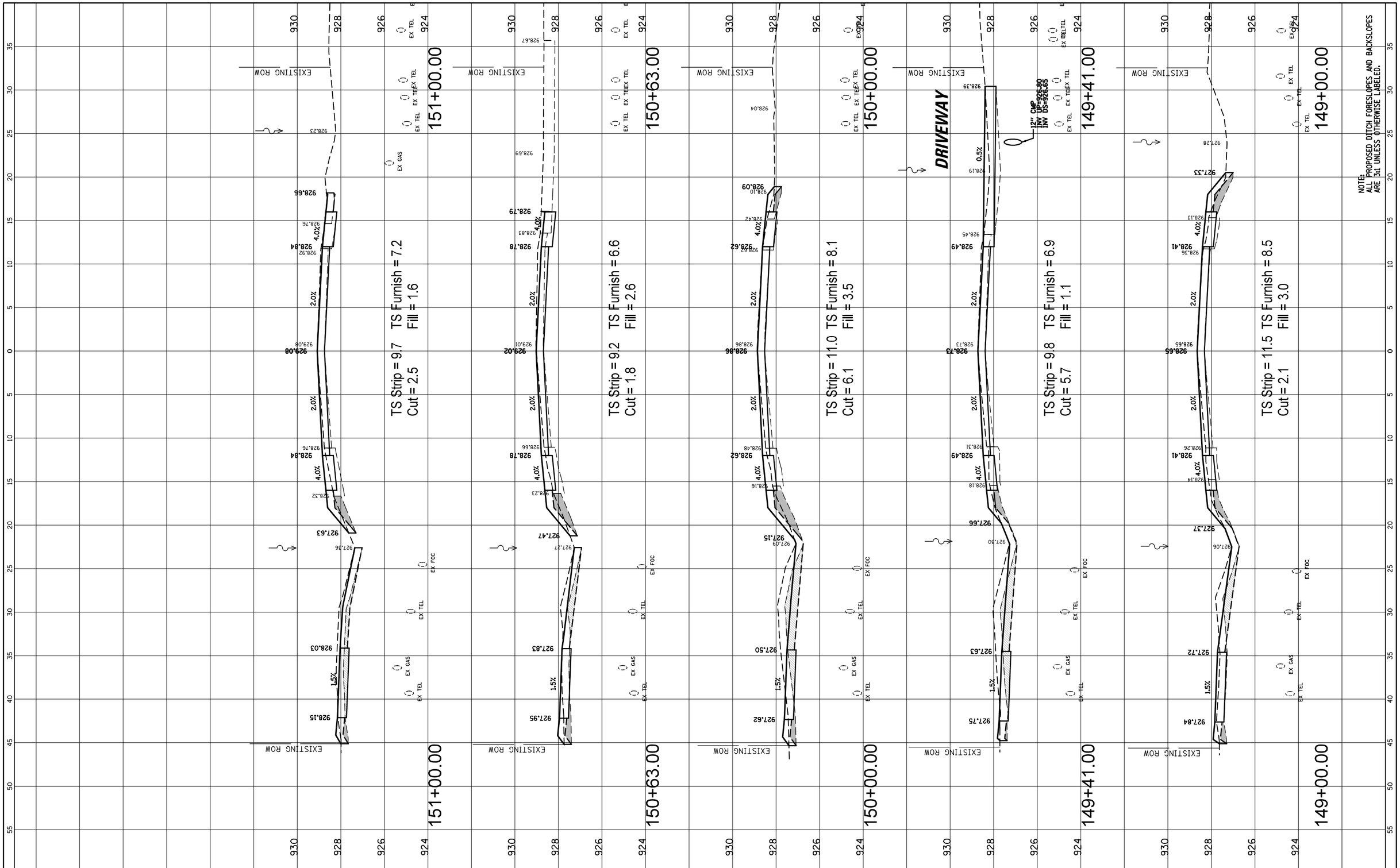
MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 146+50.00 TO STA. 148+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	58

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT



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

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

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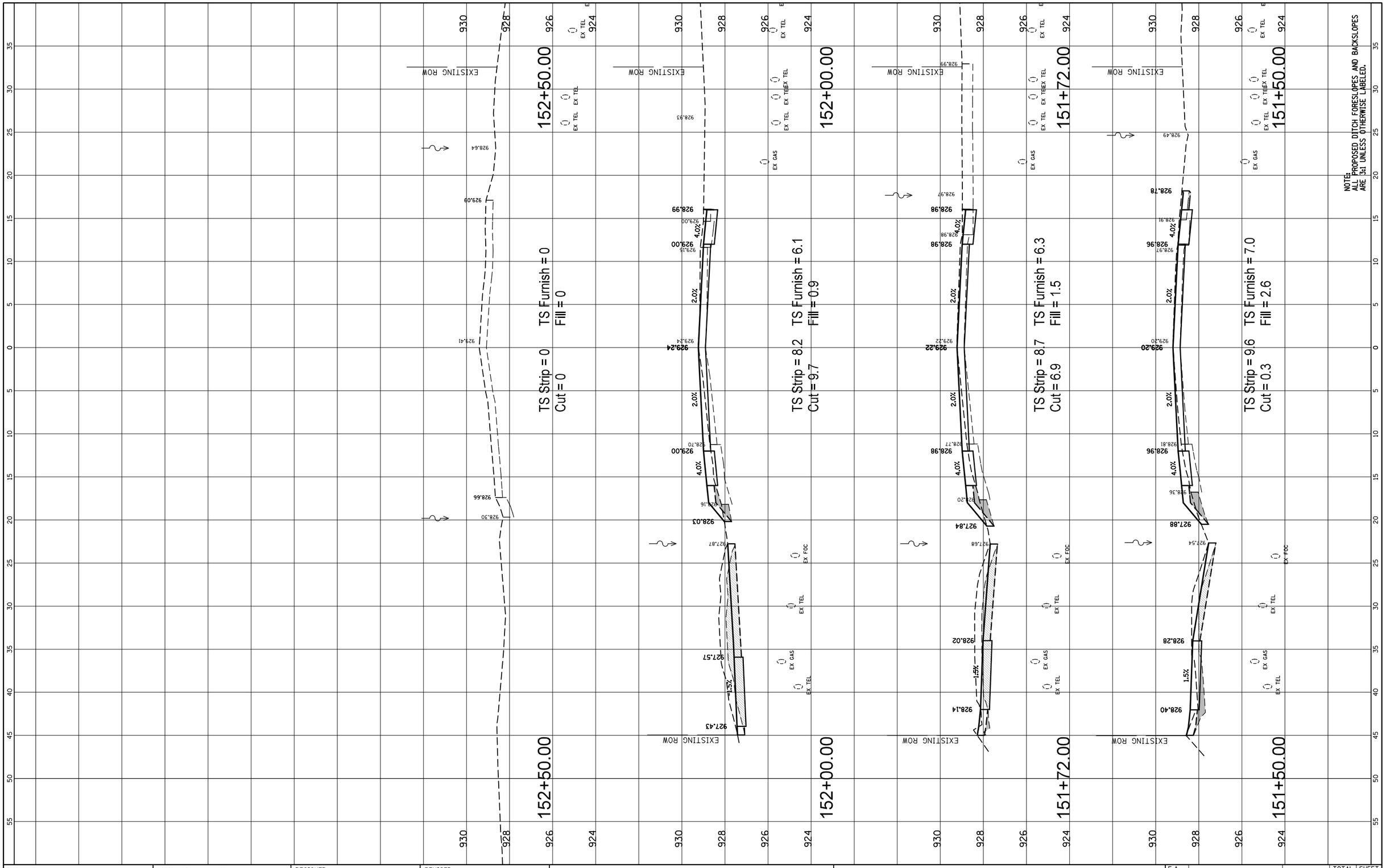
	PLOT SCALE = 10'	CHECKED -	REVISED -
Default	PLOT DATE = 7/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 149+00.00 TO STA. 151+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	59
		CONTRACT NO. 61M59		
		ILLINOIS FED. AID PROJECT		



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

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

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	PLOT SCALE = 10'	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARENGO ROAD REHABILITATION
CROSS SECTIONS

SCALE: 5H 2V | SHEET OF SHEETS | STA. 151+50.00 TO STA. 152+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0006	22-00071-00-RS	MCHENRY	60	60

CONTRACT NO. 61M59

ILLINOIS FED. AID PROJECT