

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	1
HSIP-9AR6(773)		ILLINOIS	CONTRACT NO. 62W53	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP 346 US ROUTE 41 (SKOKIE HWY)
AT STEARNS SCHOOL RD
WIDENING & RESURFACING / TRAFFIC SIGNAL

SECTION: 2023-917-TL
PROJECT: HSIP-9AR6(773)
LAKE COUNTY
C-91-130-24

TRAFFIC DATA

US ROUTE 41 (OTHER PRINCIPAL ARTERIAL)
2019 ADT = 23,000
POSTED SPEED LIMIT = 45 MPH
DESIGN SPEED = 45 MPH

STEARNS SCHOOL ROAD (MINOR ARTERIAL)
2019 ADT = 15,000
POSTED SPEED LIMIT = 40 MPH
DESIGN SPEED = 40 MPH

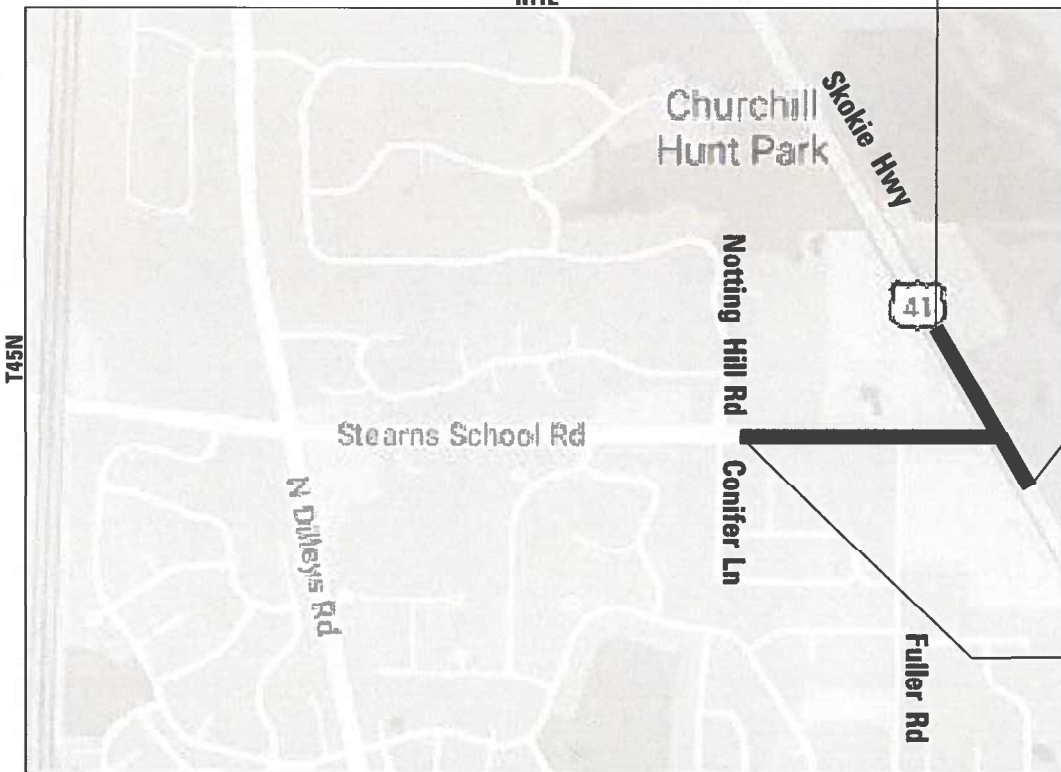
THIS PROJECT IS LOCATED
IN THE VILLAGE OF GURNEE
AND UNINCORPORATED
WARREN TOWNSHIP.



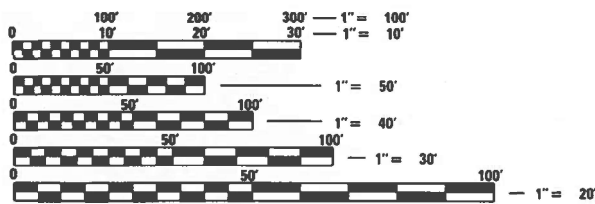
U.S. RTE 41 (SKOKIE HWY)
END IMPROVEMENT
STA. 2219 + 60.55

U.S. RTE 41 (SKOKIE HWY)
BEGIN IMPROVEMENT
STA. 2205 + 70.00

STEARNS SCHOOL RD
BEGIN IMPROVEMENT
STA. 1094 + 38.00



IDOT PM: VESELIN VELICHKOV



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

J.U.L.I.E. DESIGN STAGE REQUEST
DIC. No. A1502402 & A1502422



CONTACT JULIE AT 811 OR 800-892-0123
WITH THE FOLLOWING:
COUNTY = LAKE
CITY-TWNSHP. = GURNEE-WARREN
SEC. & 1/4 SEC. NO. = 10 NE/SE
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 62W53



PROJECT ENGINEER
"LICENSE EXPIRES 11-30-25"
SHEETS 75 - 77



PROJECT MANAGER
"LICENSE EXPIRES 11-30-25"

SECTION 10, T45N, R11E, OF THE THIRD PRINCIPAL MERIDIAN
GROSS LENGTH = 2,863 FT. = 0.542 MILE
NET LENGTH = 2,863 FT. = 0.542 MILE

BAXTER & WOODMAN
Consulting Engineers



PROJECT MANAGER
"LICENSE EXPIRES 11-30-25"



PROJECT MANAGER
"LICENSE EXPIRES 11-30-25"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED Dec 1, 2023
John J. ... County Engineer/Dir. of Transportation
COUNTY OF LAKE

SUBMITTED DECEMBER 12, 2023
Corey Pius / CAB REGIONAL ENGINEER

February 2, 2024
Scott A. ... ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2024
Steph ... DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

11/30/2023 8:27:26 AM
 FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL
 Photo Phase 2116 (MicroStation) \D:\Projects\Woodman\2023\03-08-2024 Letting Item 024\Drawings\01-Plan\01-Plan.dwg
 Project: Crystal Lake\CDOT\161141-US 41-Stearns School\CAD\Drawings-Phase 11\161141_Sht-Cover.dgn

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
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424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET - TYPE A
602406-11	PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER
602411-09	PRECAST MANHOLE TYPE A 7' (2.13 m) DIAMETER
602416-09	PRECAST MANHOLE TYPE A 8' (2.44) DIAMETER
602421-09	PRECAST MANHOLE TYPE A 9' (2.74 m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
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667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
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780001-05	TYPICAL PAVEMENT MARKINGS
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886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

COMMITMENTS

- TREES 3 (THREE) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED BETWEEN APRIL 1 AND SEPTEMBER 30 TO PROTECT NORTHERN LONG EARED BAT.
- THE EXISTING 40 INCH DIAMETER TREE (1099+81.34, 67.27' LT.) LOCATED IN PROXIMITY TO THE PROPOSED DEPRESSIONAL AREA SHALL BE PRESERVED.

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BAXTER & WOODMAN	USER NAME = morning	DESIGNED - AMW	REVISED -
		DRAWN - MJO	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JJF	REVISED -
	PLOT DATE = 12/14/2023	DATE - 12/14/2023	FILE - 161141_SHT-GenNotes_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS AND COMMITMENTS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	2
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9A(6)(733)	

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. 48 HOUR NOTIFICATION REQUIRED.
2. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
3. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF GURNEE, AND THE LAKE COUNTY DIVISION OF TRANSPORTATION.
4. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE ENGINEER BEFORE ORDERING MATERIAL.
5. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W., UNLESS OTHERWISE NOTED.
7. LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS. RECESSED PAVEMENT REFLECTORS SHALL BE INSTALLED ALONG STEARNS SCHOOL ROAD IN ACCORDANCE WITH THE SPECIAL PROVISION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIAL.
9. THE CONTRACTOR SHALL SOLELY BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION.
10. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
11. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
12. BEFORE BEGINNING WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE REESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
13. THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
14. SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE TRAVEL LANES FOR THE TACK COAT APPLICATION AND EACH RESURFACING LIFT.
15. THE CURB HEIGHT SHALL TRANSITION TO EXISTING AT A RATE OF 1 INCH PER FOOT UNLESS OTHERWISE SPECIFIED.
16. THE CONTRACTOR SHALL MAINTAIN CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THE PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT CONNECTIONS WITH SEWERS OR CULVERTS ARE BUILT AND IN SERVICE. THIS SHALL BE CONSIDER INCIDENTAL TO DRAINAGE WORK.
17. LOCATION INFORMATION FOR UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS AND/OR INCLUDED IN THE CONTRACT SPECIFICATIONS REPRESENTS THE BEST INFORMATION PROVIDED TO IDOT, AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR.
18. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.
19. ANY EXISTING STORM SEWER OR STRUCTURES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
20. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OF UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
21. STATIONING FOR ALL DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE DRAINAGE STRUCTURE. OFFSETS FOR CURB LINE INLETS AND CATCH BASINS ARE GIVEN TO THE EDGE OF PAVEMENT. OFFSETS FOR ALL OTHER DRAINAGE STRUCTURES ARE GIVEN TO THE CENTER OF THE STRUCTURE. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT ALL CURB LINE DRAINAGE STRUCTURES ARE PROPERLY ALIGNED WITH THE PROPOSED CURB & GUTTER.
22. ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHES, ETC.) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES.
23. THE ENGINEER SHALL CONTACT FADI SULTAN AT FADI.SULTAN@ILLINOIS.GOV TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
24. LOCATIONS OF PATCHING SHALL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.
25. FRAME AND LIDS SHALL BE BICYCLE SAFE AND ADA COMPLIANT WHEN LOCATED WITHIN SIDEWALK, BIKE PATH, OR CROSSWALK. GRATE OPENINGS SHALL BE ONE-HALF INCH OR LESS IN ONE DIRECTION WITH THE WIDE OPENINGS PERPENDICULAR TO BICYCLE OR PEDESTRIAN TRAVEL. MAXIMUM PAVEMENT DROP SHALL BE ONE-QUARTER INCH TO TOP OF LID OR GRATE.
26. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP.
27. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
28. IN THE CASE OF A WINTER SHUTDOWN, CONTRACTOR SHALL UTILIZE MODIFIED URETHANE ON U.S. ROUTE 41 AND STEARNS SCHOOL ROAD IN LIEU OF PAVEMENT MARKING TAPE AS SHOWN ON THE SEQUENCE OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS.
29. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES/PLANTS WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING PLANT/TREE STRUCTURE. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. 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.
30. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
31. FOR SIDEWALKS TO BE ADA COMPLIANT, GRADE BREAKS AT THE TOP AND BOTTOM OF THE RAMP SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN.
32. 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.
33. SIDEWALK SHALL BE 6 INCHES THICK THROUGH DRIVEWAYS.
34. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
35. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
36. 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.
37. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = morrig	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - JIF	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	3
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

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PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-SOQ.dgn

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	4
			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE	
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES	
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	
20101100	TREE TRUNK PROTECTION	EACH	20	20					
20101200	TREE ROOT PRUNING	EACH	10	10					
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	57	57					
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	57	57					
20200100	EARTH EXCAVATION	CU YD	2,470	2,470					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,105	1,105					
20400800	FURNISHED EXCAVATION	CU YD	513	513					
20800150	TRENCH BACKFILL	CU YD	1,736	1,736					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,900	2,900					
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	785	785					
* 25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25					
* 25000312	SEEDING, CLASS 4A	ACRE	0.50	0.50					
* 25200110	SODDING, SALT TOLERANT	SQ YD	5,376	5,376					
25200200	SUPPLEMENTAL WATERING	UNIT	291	291					
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	164	164					

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	5
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE	
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES	
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	
* 28000305	TEMPORARY DITCH CHECKS	FOOT	320	320					
* 28000400	PERIMETER EROSION BARRIER	FOOT	2,389	2,389					
* 28000510	INLET FILTERS	EACH	36	36					
* 28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	7,867	7,867					
28100105	STONE RIPRAP, CLASS A3	SQ YD	22	22					
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	974	974					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	7,247	7,247					
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	87	87					
31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	52	52					
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	606	606					
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	648	648					
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	223	223					
35400450	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9 1/2"	SQ YD	83	83					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	77	77					
35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	2,586	2,586					

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
35501321	HOT-MIX ASPHALT BASE COURSE, 9 1/4"	SQ YD	347	347				
35600704	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	452	452				
35600713	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4"	SQ YD	1,116	1,116				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12,611	12,611				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	10,647	10,647				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	19	19				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	86	86				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,652	1,652				
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	329	329				
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	134	134				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	703	703				
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	912	912				
42001300	PROTECTIVE COAT	SQ YD	2,028	2,028				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,819	4,819				
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	614	614				

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 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 3 OF 19 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	6
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 4 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	7
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE	
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES	
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	
42400800	DETECTABLE WARNINGS	SQ FT	12	12					
44000100	PAVEMENT REMOVAL	SQ YD	1,959	1,959					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	6,617	6,617					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,079	1,079					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,389	2,389					
44000600	SIDEWALK REMOVAL	SQ FT	5,251	5,251					
44003100	MEDIAN REMOVAL	SQ FT	2,885	2,885					
44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	60	60					
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQ YD	201	201					
44201733	CLASS D PATCHES, TYPE III, 7 INCH	SQ YD	274	274					
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	217	217					
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	67	67					
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	199	199					
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	232	232					
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	166	166					

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 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE: NONE	SHEET 5	OF 19 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	8
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE	
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES	
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	359	359					
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1					
50200100	STRUCTURE EXCAVATION	CU YD	34	34					
50300225	CONCRETE STRUCTURES	CU YD	7	7					
50800105	REINFORCEMENT BARS	POUND	1,920	1,920					
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1					
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1					
54262712	METAL FLARED END SECTIONS 12"	EACH	1	1					
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	7	7					
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	55	55					
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	45	45					
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	25	25					
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	575	575					
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	339	339					
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	53	53					

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 6 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	9
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	302	302				
550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	93	93				
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	11	11				
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	127	127				
55100500	STORM SEWER REMOVAL 12"	FOOT	1,484	1,484				
55100700	STORM SEWER REMOVAL 15"	FOOT	92	92				
55100900	STORM SEWER REMOVAL 18"	FOOT	5	5				
55101200	STORM SEWER REMOVAL 24"	FOOT	291	291				
55101600	STORM SEWER REMOVAL 36"	FOOT	146	146				
56100015	DUCTILE IRON WATER MAIN TEE, 8" X 6"	EACH	4				4	
56100020	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH	1				1	
* 56100600	WATER MAIN 6"	FOOT	22				22	
* 56100700	WATER MAIN 8"	FOOT	1,074				1,074	
56109408	DUCTILE IRON WATER MAIN FITTING 8" 22.50 DEGREE BEND	EACH	3				3	
56109420	DUCTILE IRON WATER MAIN FITTING 8" 45.00 DEGREE BEND	EACH	10				10	

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 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 7 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	10
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY 0004 URBAN	TRAFFIC SIGNALS 0021 URBAN	INTERCONNECT 0021 URBAN	EVP 0021 URBAN	UTILITIES 0043 URBAN
* 56400600	FIRE HYDRANTS	EACH	4					4
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2	2				
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	2,243	2,243				
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2				
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	7	7				
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6				
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	4				
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1				
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1				
60224449	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1				
60224456	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1				
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3				
60224476	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1				
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	2				

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	6	6				
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	2				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1				
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1				
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2				
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1				
60500040	REMOVING MANHOLES	EACH	7	7				
60500050	REMOVING CATCH BASINS	EACH	15	15				
60500060	REMOVING INLETS	EACH	7	7				
60500070	REMOVING MANHOLES TO MAINTAIN FLOW	EACH	3	3				
60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	3	3				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,427	2,427				
60608562	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	1,550	1,550				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2,325	2,325				
60622305	CONCRETE MEDIAN, TYPE SM - 4.12	SQ FT	72	72				

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 8 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	11
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 9 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	12
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE	
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES	
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN	
* 6300001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	163	163					
* 6310045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1					
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1					
63200310	GUARDRAIL REMOVAL	FOOT	220	220					
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	1,443	1,443					
66300105	CALCIUM CHLORIDE APPLIED	TON	5	5					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	745	745					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10					
67100100	MOBILIZATION	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	300	300					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,095	1,095					
* 70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,825	4,825					

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
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PLOT DATE = 12/6/2023	CHECKED - JJF	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT-SOQ.dgn

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE: NONE	SHEET 10 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	13
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	13,809	13,809				
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	2,226	2,226				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	44,178	44,178				
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	8,310	8,310				
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	1,026	1,026				
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	465	465				
70303100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	583	583				
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	23,374	23,374				
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	3,104	3,104				
70303160	TEMPORARY PAVEMENT MARKING - LINE 12"- MODIFIED URETHANE	FOOT	10	10				
70303210	TEMPORARY PAVEMENT MARKING - LINE 24"- MODIFIED URETHANE	FOOT	190	190				
70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	1,602	1,602				
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	62,796	62,796				
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	6,920	6,920				
70307160	TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE	FOOT	114	114				

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE: NONE	SHEET 11	OF 19 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	14
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	530	530				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,638	1,638				
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	630	630				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,450	1,450				
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	6	6				
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	12	12				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	261	204	57			
* 72000200	SIGN PANEL - TYPE 2	SQ FT	10	10				
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	42	42				
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1				
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1				
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	284	284				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	742	742				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,511	10,511				
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	3,637	3,637				

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 12 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	15
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,770	2,770				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	289	289				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	342	342				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	155	155				
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	378	378				
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	4,857	4,857				
* 78011030	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	3,637	3,637				
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1,080	1,080				
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	169	169				
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	36	36				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	86	86				
* 78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	4	4				
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	229	229				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	65	65				
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	873	873				

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE: NONE	SHEET 13	OF 19 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	16
			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	923	923				
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2,942		950	1,992		
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	213		213			
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	498		498			
* 81400100	HANDHOLE	EACH	3		1	2		
* 81400200	HEAVY-DUTY HANDHOLE	EACH	5		5			
* 81400300	DOUBLE HANDHOLE	EACH	2		2			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2		
* 86400100	TRANSCIEVER - FIBER OPTIC	EACH	1		1			
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6,118			6,118		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	712		712			
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,913		1,913			
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,956		1,956			
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,655		2,655			
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	35		35			

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE: NONE	SHEET 14	OF 19 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	17
			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,190		1,190			
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1		1			
* 87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1		1			
* 87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1		1			
* 87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1			
* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		1			
* 87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1		1			
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8		8			
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4			
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	61		61			
* 87900200	DRILL EXISTING HANDHOLE	EACH	1			1		
* 87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1			1		
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9		9			
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4			
* 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2		2			

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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PLOT DATE = 12/6/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 15 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	18
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY 0004 URBAN	TRAFFIC SIGNALS 0021 URBAN	INTERCONNECT 0021 URBAN	EVP 0021 URBAN	UTILITIES 0043 URBAN
* 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2		2			
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2		2			
* 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	13		13			
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	8		8			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	355		355			
* 88700200	LIGHT DETECTOR	EACH	3				3	
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1	
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1			
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	7,635			7,635		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1			
89502380	REMOVE EXISTING HANDHOLE	EACH	8		6	2		
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1			
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6		6			
* A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	7	7				
* A2005816	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9				

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
* A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8				
X2080252	TRENCH BACKFILL, WATERMAIN	CU YD	760					760
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	721				721	
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	3,735			3,735		
* X0326309	RELOCATE EXISTING REMOTE - CONTROLLED VIDEO SYSTEM (SPECIAL)	EACH	1		1			
* X0326310	RELOCATE EXISTING SWITCH (SPECIAL)	EACH	2		2			
X6026616	GATE VALVE, 8" WITH VAULT BOX	EACH	1					1
X0327301	RELOCATE EXISTING MAILBOX	EACH	5	5				
X6026610	GATE VALVE 8" WITH VAULT, 4' DIAMETER	EACH	2					2
* X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3		3			
X0900075	COFFERDAM (TYPE 1) (IN-STREAM WETLAND WORK)	EACH	2	2				
X5610650	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	L SUM	1					1
X1200221	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	3					3
* X1400007	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE	FOOT	4,777			4,777		
* X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1			

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 16 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	19
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
SCALE: NONE	SHEET 17	OF 19 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	20
			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY 0004 URBAN	TRAFFIC SIGNALS 0021 URBAN	INTERCONNECT 0021 URBAN	EVP 0021 URBAN	UTILITIES 0043 URBAN
* X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	264		264			
* X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1			
* X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1		1			
* X1400217	TERMINATE FIBER IN CABINET	EACH	10			10		
* X1400219	SPLICE FIBER IN CABINET	EACH	20			20		
* X1400323	RELOCATE EXISTING ENCODER	EACH	1		1			
* X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	641		641			
X2010400	STUMP REMOVAL ONLY	UNIT	681	681				
X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	100	100				
* X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	2,526	2,526				
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3				
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5,708	5,708				
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	3	3				
X5610748	WATER MAIN LINE STOP 8"	EACH	2					2

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 morning 12/16/2023 10:06:02 AM
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	DRAWN - MJO	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-SOQ.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 18 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	21
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY 0004 URBAN	TRAFFIC SIGNALS 0021 URBAN	INTERCONNECT 0021 URBAN	EVP 0021 URBAN	UTILITIES 0043 URBAN
* X5611208	DUCTILE IRON SLEEVE, 8"	EACH	3					3
* X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1				
X6420100	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	942	942				
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	14	14				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
* X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	17	17				
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	23	23				
X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	23	23				
* X8620200	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1		1			
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	1,341			1,341		
* X8891001	VIDEO DETECTION SYSTEM	EACH	1		1			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0022800	FENCE REMOVAL	FOOT	113	113				
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103	103				
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	3			3		

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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PLOT DATE = 12/6/2023	DATE = 12/6/2023	FILE - 161141_SHT-SOQ.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 19 OF 19 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	22
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

0042

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% VILLAGE OF GURNEE	100% VILLAGE OF GURNEE
				ROADWAY	TRAFFIC SIGNALS	INTERCONNECT	EVP	UTILITIES
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0043 URBAN
* Z0033058	POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)	EACH	1		1			
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	266	266				
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	25	25				
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	40	40				
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	22	22				
* Z0067500	STEEL CASINGS 16"	FOOT	65					65
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1			
Ø Z0076600	TRAINEES	HOURS	500	500				
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500				

* INDICATES SPECIALTY ITEM
 \$ INDICATES CONSTRUCTION CODE 0042 TRAINEES

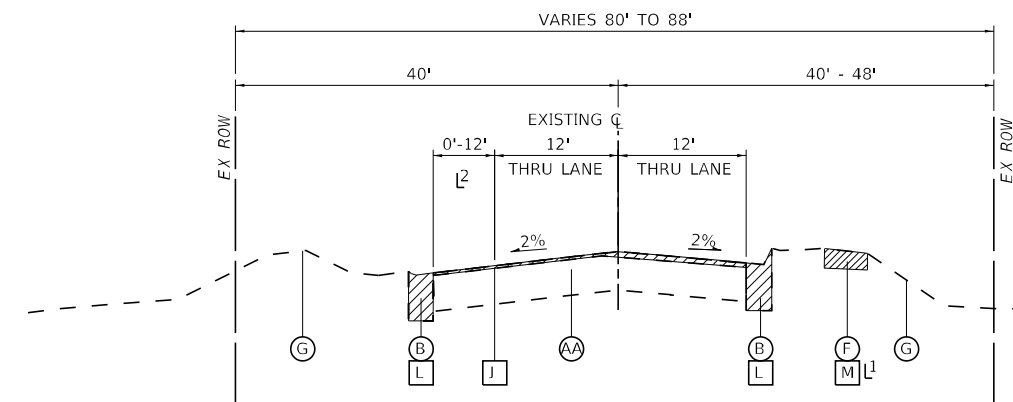
EXISTING LEGEND

- AA HOT-MIX ASPHALT PAVEMENT
- AB PORTLAND CEMENT CONCRETE PAVEMENT
- B COMBINATION CONCRETE CURB AND GUTTER
- C PCC MEDIAN
- D CONCRETE BARRIER, DOUBLE FACE, 32 INCH
- E HOT-MIX ASPHALT SHOULDER
- F PCC SIDEWALK
- G GROUND SURFACE
- H PAVEMENT REMOVAL
- I HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- J HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (3/4" MIN)
- K MEDIAN REMOVAL
- L COMBINATION CURB AND GUTTER REMOVAL
- M SIDEWALK REMOVAL
- ITEM TO BE REMOVED

PROPOSED LEGEND

- 1A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 1 1/2"
- 1B POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 - 1 3/4"
- 2A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-VARIABLE DEPTH (2 1/4" MIN)
- 2B POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- 3A HOT-MIX ASPHALT BASE COURSE WIDENING - 7" (WIDENING ≤ 6')
- 3B HOT-MIX ASPHALT BASE COURSE - 7" (WIDENING > 6')
- 4A HOT-MIX ASPHALT BASE COURSE WIDENING - 9 1/4" (WIDENING ≤ 6')
- 4B HOT-MIX ASPHALT BASE COURSE - 9 1/4" (WIDENING > 6')
- 4C PORTLAND CEMENT CONCRETE BASE COURSE WIDENING - 9 1/2" (WIDENING < 4')
- 5 HMA SHOULDER - 8"
- 6 AGGREGATE SUBGRADE IMPROVEMENT - 12"
- 6A SUBBASE GRANULAR MATERIAL, TYPE C
- 7 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE)
- 8 AGGREGATE BASE COURSE, TYPE B - 4"
- 9 CONCRETE MEDIAN SURFACE - 4"
- 10 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 (MINIMUM FLAG DEPTH SHALL BE 9")
- 11 COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MINIMUM FLAG DEPTH SHALL BE 9")
- 12 PORTLAND CEMENT CONCRETE SIDEWALK - 5"
- 13 SUB-BASE GRANULAR MATERIAL, TYPE B
- 14 TOPSOIL EXCAVATION AND PLACEMENT - 6" (SEE LANDSCAPING PLANS)
- 15 CLASS D PATCHES (AS DETERMINED BY THE ENGINEER)
- 16 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMNT PROGRAM (QMP)
PAVEMENT RESURFACING - STEARNS SCHOOL ROAD		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 1 1/2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)	4% @ 70 Gyr.	QC/QA
PAVEMENT RESURFACING - US ROUTE 41		
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 - 1 3/4"	3.5% @ 80 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 Gyr.	QC/QA
PAVEMENT WIDENING 10" - STEARNS SCHOOL ROAD		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 1 1/2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), N70 - 7" (WIDENING ≤ 6')	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), N70 - 7" (WIDENING > 6')	4% @ 70 Gyr.	QC/QA
PAVEMENT WIDENING 11 3/4" - US ROUTE 41		
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 - 1 3/4"	3.5% @ 80 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"	3.5% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), N90 - 9 1/4" (WIDENING ≤ 6')	4% @ 90 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), N90 - 9 1/4" (WIDENING > 6')	4% @ 90 Gyr.	QC/QA
HMA SHOULDERS 8"		
HMA SURFACE COURSE, MIX "D", IL-9.5, N70 - 1 3/4"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 6 1/4"	4% @ 70 Gyr.	QC/QA
DRIVEWAY 2 1/2" - STEARNS SCHOOL ROAD & FULLER ROAD - PE AND CE		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2 1/2"	4% @ 50 Gyr.	QC/QA
DRIVEWAY 8" - US ROUTE 41 - PRIVATE ENTRANCE DRIVEWAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2"	4% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0); PE-6"	4% @ 50 Gyr.	QC/QA
SHOULDER RUMBLE STRIP REMOVAL		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 2"	4% @ 70 Gyr.	QC/QA
PATCHING - STEARNS SCHOOL ROAD & US ROUTE 41		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 Gyr.	QC/QA
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)		

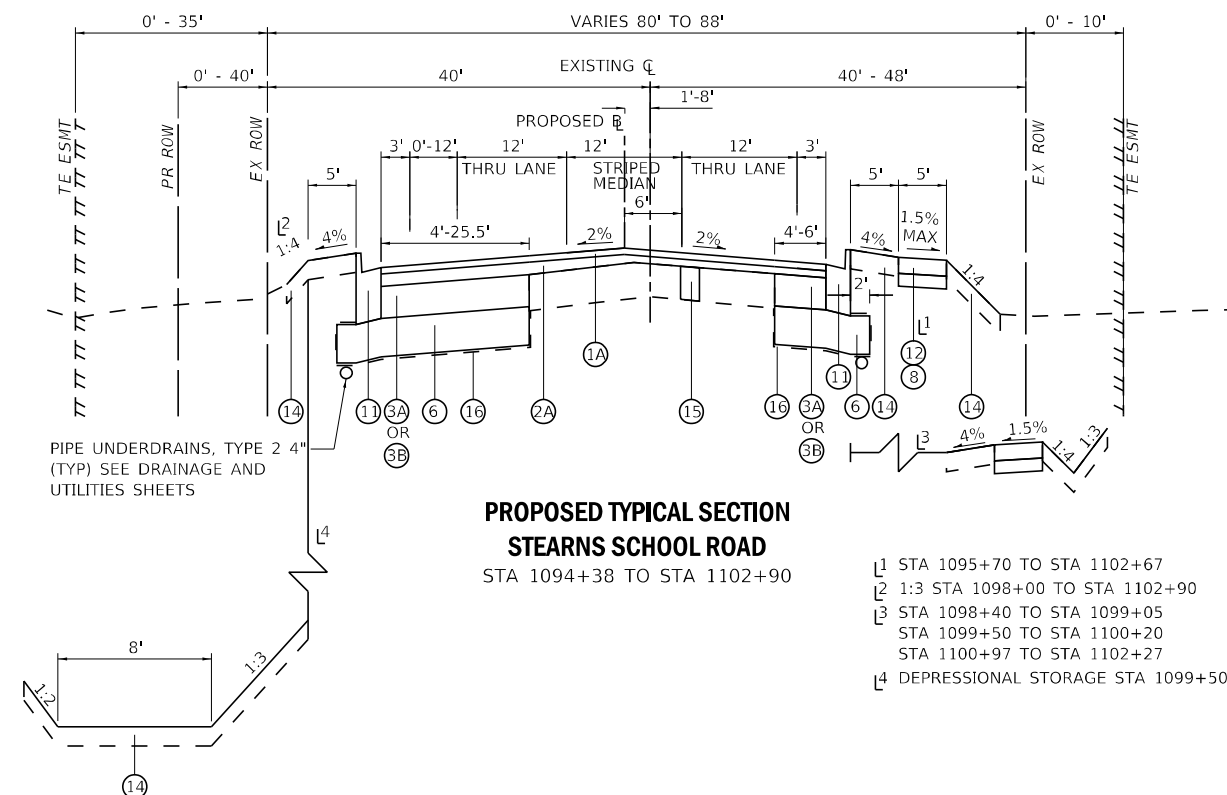


**EXISTING TYPICAL SECTION
STEARNS SCHOOL ROAD**

1 STA 1095+70 TO STA 1102+67
 2 BYPASS LANE STA 1100+39 TO STA 1102+90

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIAL SPECIFICATIONS.



**PROPOSED TYPICAL SECTION
STEARNS SCHOOL ROAD**

1 STA 1095+70 TO STA 1102+67
 2 1:3 STA 1098+00 TO STA 1102+90
 3 STA 1098+40 TO STA 1099+05
 STA 1099+50 TO STA 1100+20
 STA 1100+97 TO STA 1102+27
 4 DEPRESSIONAL STORAGE STA 1099+50 TO STA 1100+05

NOTES:

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.

CURB AND GUTTER FLAG DEPTH SHALL BE A MINIMUM OF 9" OR MATCH THE DEPTH OF THE ADJACENT PAVEMENT THICKNESS, WHICHEVER IS GREATER.

GUTTER FLAG SHALL BE 1/4" BELOW THE EDGE OF PAVEMENT.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE TOP HMA BINDER COURSE, IL-19.0, N70 LIFT.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-0011211 - EXPIRES 4/30/2020
 BAXTER & WOODMAN
 100607 AM
 12/6/2023
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	DRAWN - MJO	REVISED -
PLOT SCALE = 10,0000 ' / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TypSec_01.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
STEARNS SCHOOL ROAD**

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

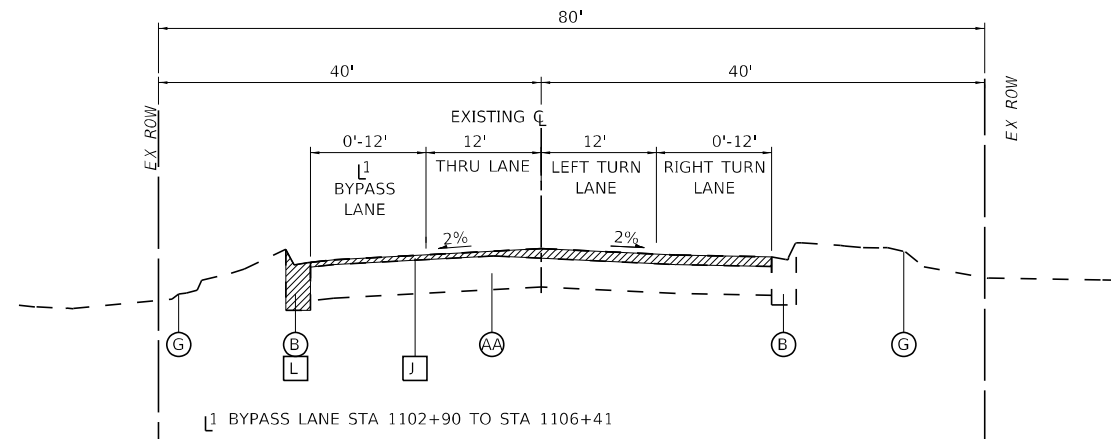
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CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HS1P-9AR6(773)	

EXISTING LEGEND

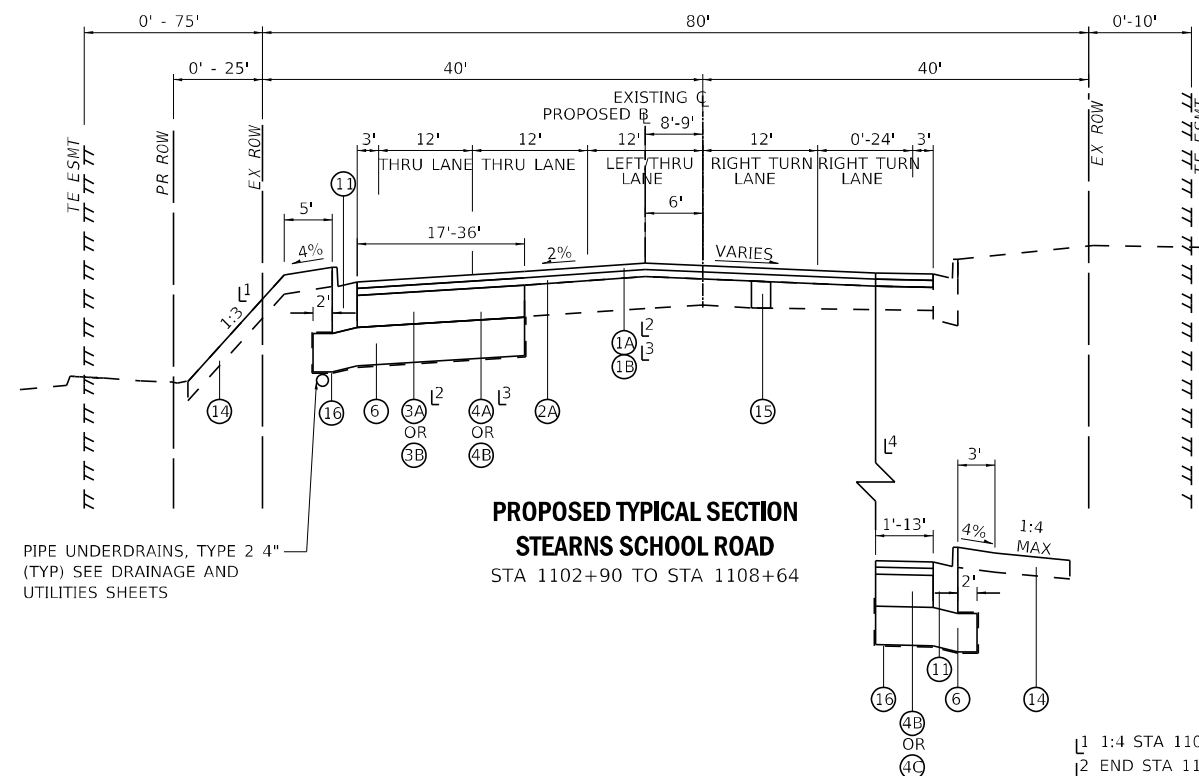
- AA HOT-MIX ASPHALT PAVEMENT
- AB PORTLAND CEMENT CONCRETE PAVEMENT
- B COMBINATION CONCRETE CURB AND GUTTER
- C PCC MEDIAN
- D CONCRETE BARRIER, DOUBLE FACE, 32 INCH
- E HOT-MIX ASPHALT SHOULDER
- F PCC SIDEWALK
- G GROUND SURFACE
- H PAVEMENT REMOVAL
- I HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- J HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (3/4" MIN)
- K MEDIAN REMOVAL
- L COMBINATION CURB AND GUTTER REMOVAL
- M SIDEWALK REMOVAL
- ITEM TO BE REMOVED

PROPOSED LEGEND

- 1A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 1 1/2"
- 1B POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 - 1 3/4"
- 2A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-VARIABLE DEPTH (2 1/4" MIN)
- 2B POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- 3A HOT-MIX ASPHALT BASE COURSE WIDENING - 7" (WIDENING ≤ 6')
- 3B HOT-MIX ASPHALT BASE COURSE - 7" (WIDENING > 6')
- 4A HOT-MIX ASPHALT BASE COURSE WIDENING - 9 1/4" (WIDENING ≤ 6')
- 4B HOT-MIX ASPHALT BASE COURSE - 9 1/4" (WIDENING > 6')
- 4C PORTLAND CEMENT CONCRETE BASE COURSE WIDENING - 9 1/2" (WIDENING < 4')
- 5 HMA SHOULDER - 8"
- 6 AGGREGATE SUBGRADE IMPROVEMENT - 12"
- 6A SUBBASE GRANULAR MATERIAL, TYPE C
- 7 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE)
- 8 AGGREGATE BASE COURSE, TYPE B - 4"
- 9 CONCRETE MEDIAN SURFACE - 4"
- 10 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 (MINIMUM FLAG DEPTH SHALL BE 9")
- 11 COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MINIMUM FLAG DEPTH SHALL BE 9")
- 12 PORTLAND CEMENT CONCRETE SIDEWALK - 5"
- 13 SUB-BASE GRANULAR MATERIAL, TYPE B
- 14 TOPSOIL EXCAVATION AND PLACEMENT - 6" (SEE LANDSCAPING PLANS)
- 15 CLASS D PATCHES (AS DETERMINED BY THE ENGINEER)
- 16 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



**EXISTING TYPICAL SECTION
STEARNS SCHOOL ROAD
STA 1102+90 TO STA 1108+64**



**PROPOSED TYPICAL SECTION
STEARNS SCHOOL ROAD
STA 1102+90 TO STA 1108+64**

- L1 1:4 STA 1104+25 TO STA 1109+10
- L2 END STA 1107+55
- L3 BEGIN STA 1107+55
- L4 BEGIN STA 1108+10

NOTES:

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.

CURB AND GUTTER FLAG DEPTH SHALL BE A MINIMUM OF 9" OR MATCH THE DEPTH OF THE ADJACENT PAVEMENT THICKNESS, WHICHEVER IS GREATER.

GUTTER FLAG SHALL BE 1/4" BELOW THE EDGE OF PAVEMENT.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE TOP HMA BINDER COURSE, IL-19.0, N70 LIFT.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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 PROJECT: 12/06/09 AM
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DRAWN - MJO	REVISOR -	
PLOT SCALE = 10,0000 ' / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TypSec_01.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
STEARNS SCHOOL ROAD**

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

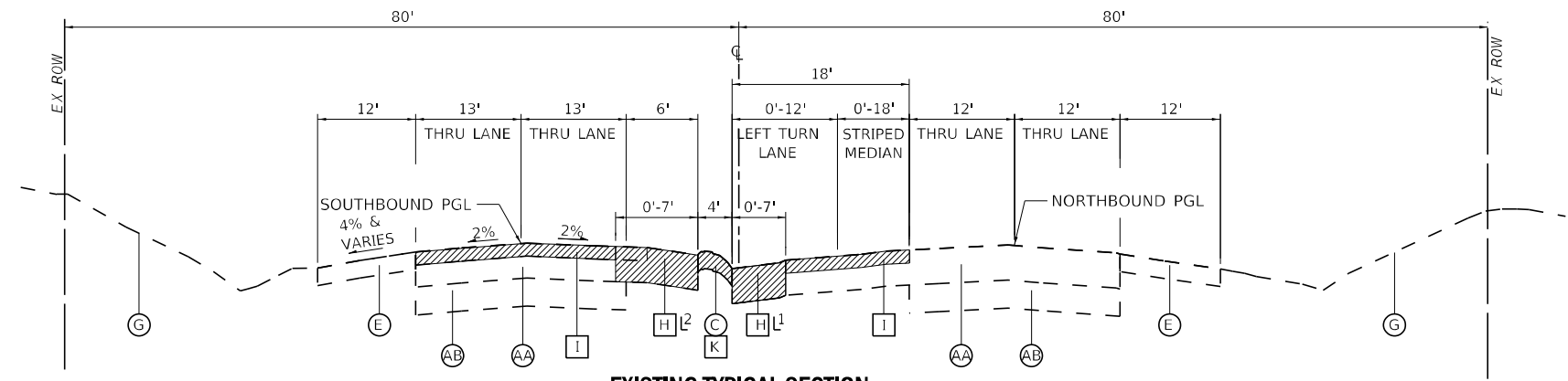
F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 24
			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9A6(773)				

EXISTING LEGEND

- AA HOT-MIX ASPHALT PAVEMENT
- AB PORTLAND CEMENT CONCRETE PAVEMENT
- B COMBINATION CONCRETE CURB AND GUTTER
- C PCC MEDIAN
- D CONCRETE BARRIER, DOUBLE FACE, 32 INCH
- E HOT-MIX ASPHALT SHOULDER
- Г PCC SIDEWALK
- G GROUND SURFACE
- H PAVEMENT REMOVAL
- I HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- J HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (3/4" MIN)
- K MEDIAN REMOVAL
- L COMBINATION CURB AND GUTTER REMOVAL
- M SIDEWALK REMOVAL
- ITEM TO BE REMOVED

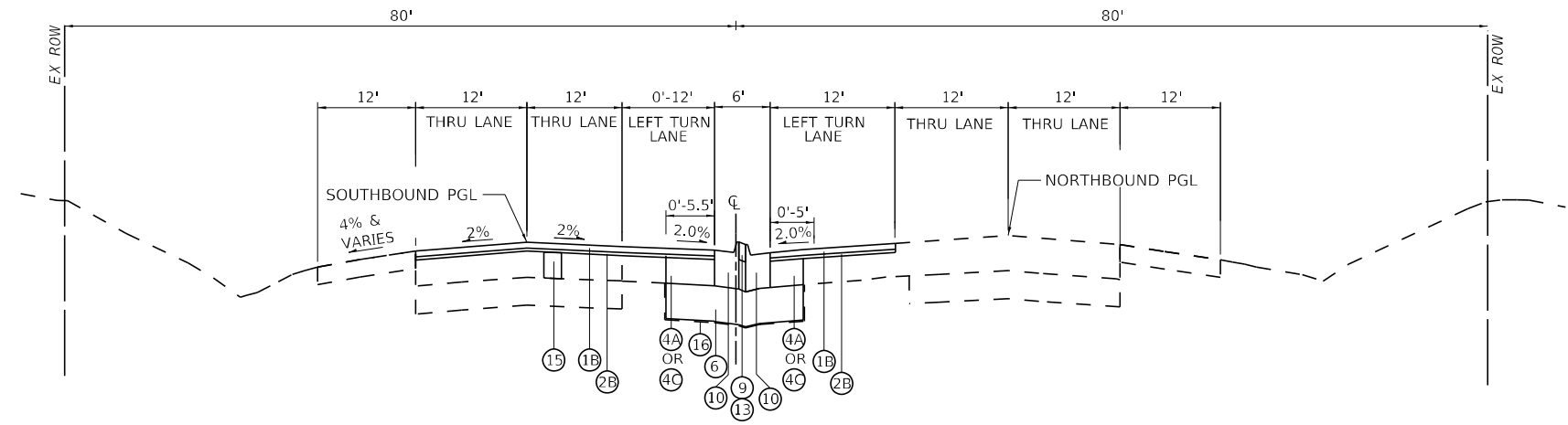
PROPOSED LEGEND

- 1A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 1 1/2"
- 1B POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 - 1 3/4"
- 2A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-VARIABLE DEPTH (2 1/4" MIN)
- 2B POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- 3A HOT-MIX ASPHALT BASE COURSE WIDENING - 7" (WIDENING ≤ 6')
- 3B HOT-MIX ASPHALT BASE COURSE - 7" (WIDENING > 6')
- 4A HOT-MIX ASPHALT BASE COURSE WIDENING - 9 1/4" (WIDENING ≤ 6')
- 4B HOT-MIX ASPHALT BASE COURSE - 9 1/4" (WIDENING > 6')
- 4C PORTLAND CEMENT CONCRETE BASE COURSE WIDENING - 9 1/2" (WIDENING < 4')
- 5 HMA SHOULDER - 8"
- 6 AGGREGATE SUBGRADE IMPROVEMENT - 12"
- 6A SUBBASE GRANULAR MATERIAL, TYPE C
- 7 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE)
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- 12 PORTLAND CEMENT CONCRETE SIDEWALK - 5"
- 13 SUB-BASE GRANULAR MATERIAL, TYPE B
- 14 TOPSOIL EXCAVATION AND PLACEMENT - 6" (SEE LANDSCAPING PLANS)
- 15 CLASS D PATCHES (AS DETERMINED BY THE ENGINEER)
- 16 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



**EXISTING TYPICAL SECTION
US ROUTE 41**
STA 2205+70 TO STA 2209+31

1 STA 2205+70 TO STA 2208+48
2 STA 2208+23 TO STA 2209+31



**PROPOSED TYPICAL SECTION
US ROUTE 41**
STA 2205+70 TO STA 2209+31

NOTES:

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.

CURB AND GUTTER FLAG DEPTH SHALL BE A MINIMUM OF 9" OR MATCH THE DEPTH OF THE ADJACENT PAVEMENT THICKNESS, WHICHEVER IS GREATER.

GUTTER FLAG SHALL BE 1/4" BELOW THE EDGE OF PAVEMENT.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 LIFT.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 12/6/2023
 FILE NAME: \\c:\p\bxw\wood\Projects\Crystal Lake\CDOT\161141-US 41-Streamers School\CADD\Sheets-Phase II\161141_SHT-TypSec_01.dgn



USER NAME = mornlg	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 10,000' / 1"	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TypSec_01.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
U.S. RTE 41 (SKOKIE HIGHWAY)	
SCALE: NONE	SHEET 1 OF 3 SHEETS STA. TO STA.

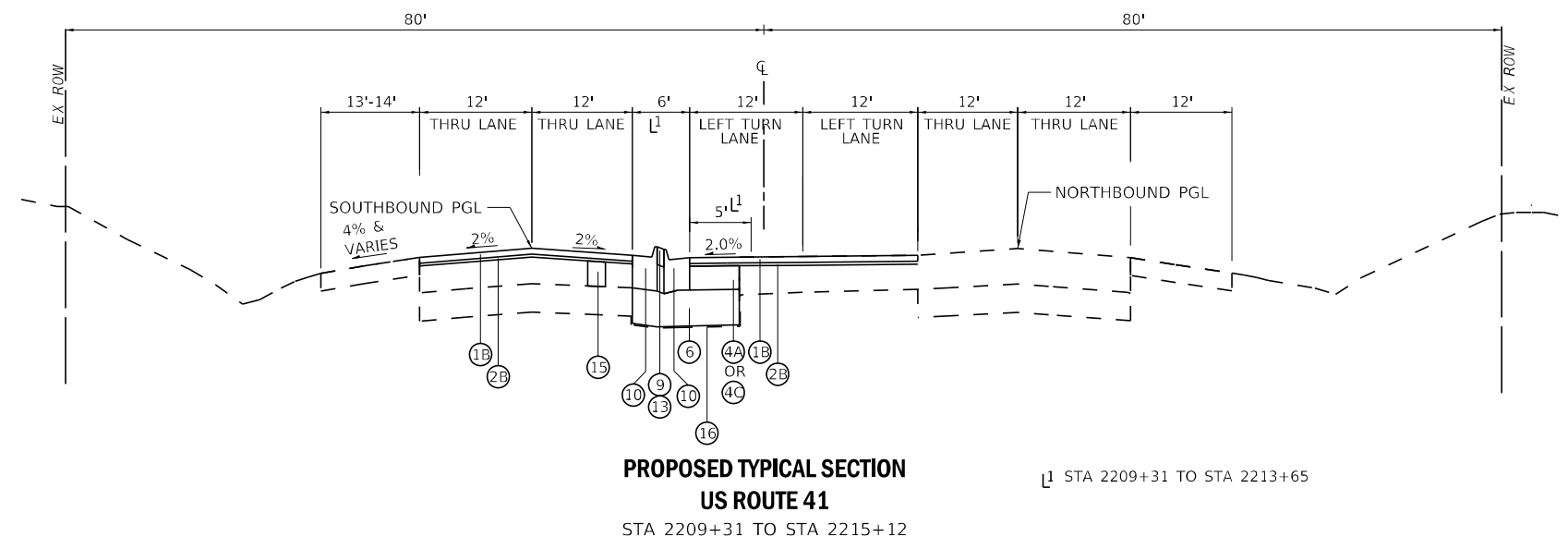
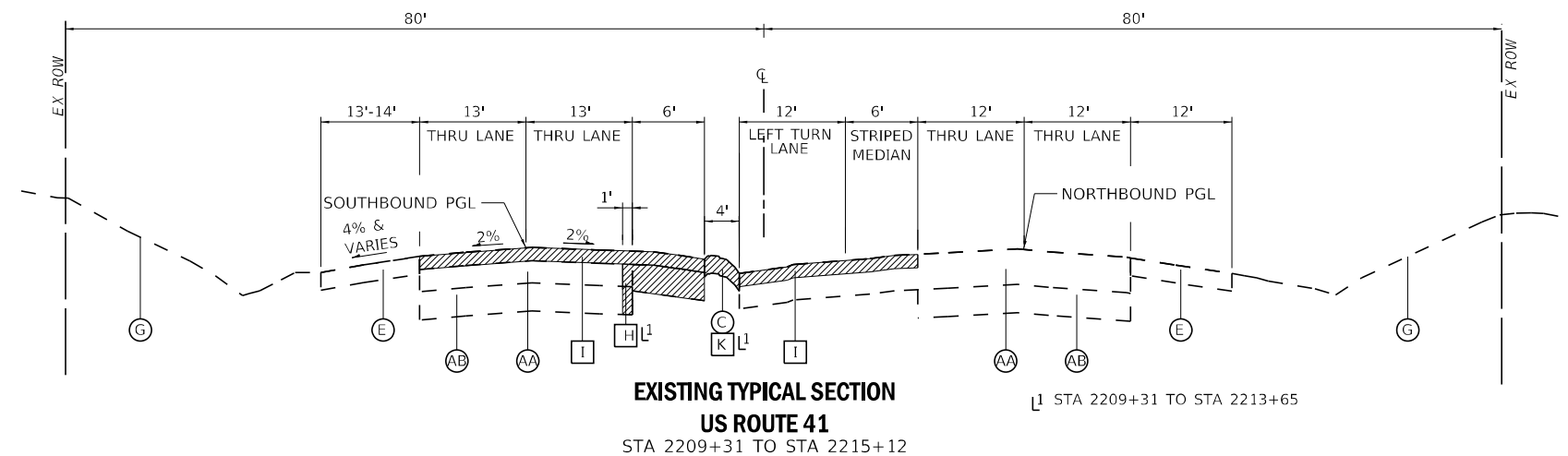
F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 25
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-946(773)	

EXISTING LEGEND

- AA HOT-MIX ASPHALT PAVEMENT
- AB PORTLAND CEMENT CONCRETE PAVEMENT
- B COMBINATION CONCRETE CURB AND GUTTER
- C PCC MEDIAN
- D CONCRETE BARRIER, DOUBLE FACE, 32 INCH
- E HOT-MIX ASPHALT SHOULDER
- Γ PCC SIDEWALK
- G GROUND SURFACE
- H PAVEMENT REMOVAL
- I HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- J HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (3/4" MIN)
- K MEDIAN REMOVAL
- L COMBINATION CURB AND GUTTER REMOVAL
- M SIDEWALK REMOVAL
- ITEM TO BE REMOVED

PROPOSED LEGEND

- 1A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 1 1/2"
- 1B POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 - 1 3/4"
- 2A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-VARIABLE DEPTH (2 1/4" MIN)
- 2B POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- 3A HOT-MIX ASPHALT BASE COURSE WIDENING - 7" (WIDENING ≤ 6')
- 3B HOT-MIX ASPHALT BASE COURSE - 7" (WIDENING > 6')
- 4A HOT-MIX ASPHALT BASE COURSE WIDENING - 9 1/4" (WIDENING ≤ 6')
- 4B HOT-MIX ASPHALT BASE COURSE - 9 1/4" (WIDENING > 6')
- 4C PORTLAND CEMENT CONCRETE BASE COURSE WIDENING - 9 1/2" (WIDENING < 4')
- 5 HMA SHOULDER - 8"
- 6 AGGREGATE SUBGRADE IMPROVEMENT - 12"
- 6A SUBBASE GRANULAR MATERIAL, TYPE C
- 7 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE)
- 8 AGGREGATE BASE COURSE, TYPE B - 4"
- 9 CONCRETE MEDIAN SURFACE - 4"
- 10 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 (MINIMUM FLAG DEPTH SHALL BE 9")
- 11 COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (MINIMUM FLAG DEPTH SHALL BE 9")
- 12 PORTLAND CEMENT CONCRETE SIDEWALK - 5"
- 13 SUB-BASE GRANULAR MATERIAL, TYPE B
- 14 TOPSOIL EXCAVATION AND PLACEMENT - 6" (SEE LANDSCAPING PLANS)
- 15 CLASS D PATCHES (AS DETERMINED BY THE ENGINEER)
- 16 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



NOTES:

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.

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GUTTER FLAG SHALL BE 1/4" BELOW THE EDGE OF PAVEMENT.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 LIFT.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 12/6/2023
 FILE NAME: \\corporate\ba\wood\Projects\Crystal Lake\LCDOT\161141\US 41-Steams School\CADD\Sheets-Phase II\161141_SHT-TypSec_01.dgn



USER NAME = mornlg	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 10,000' / 1"	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TypSec_01.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
U.S. RTE 41 (SKOKIE HIGHWAY)	
SCALE: NONE	SHEET 2 OF 3 SHEETS STA. TO STA.

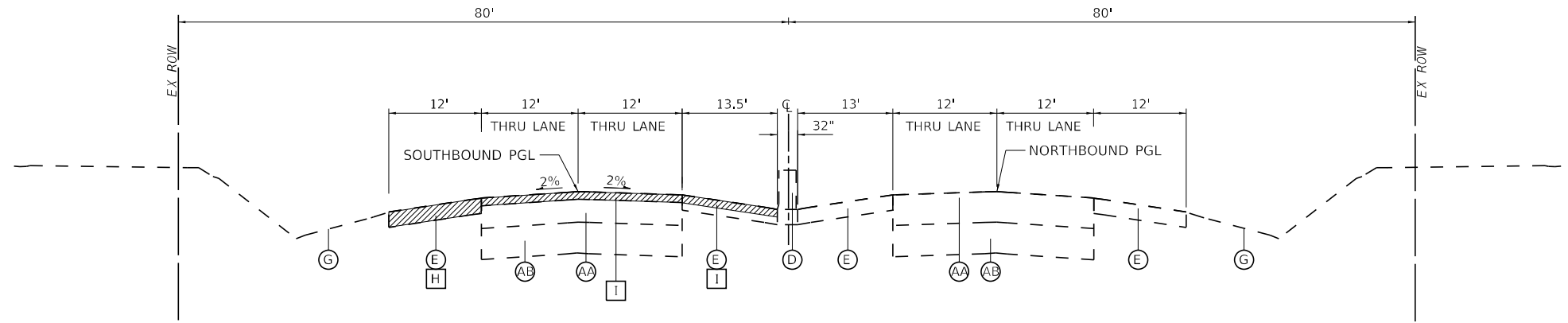
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	26
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-946(773)				

EXISTING LEGEND

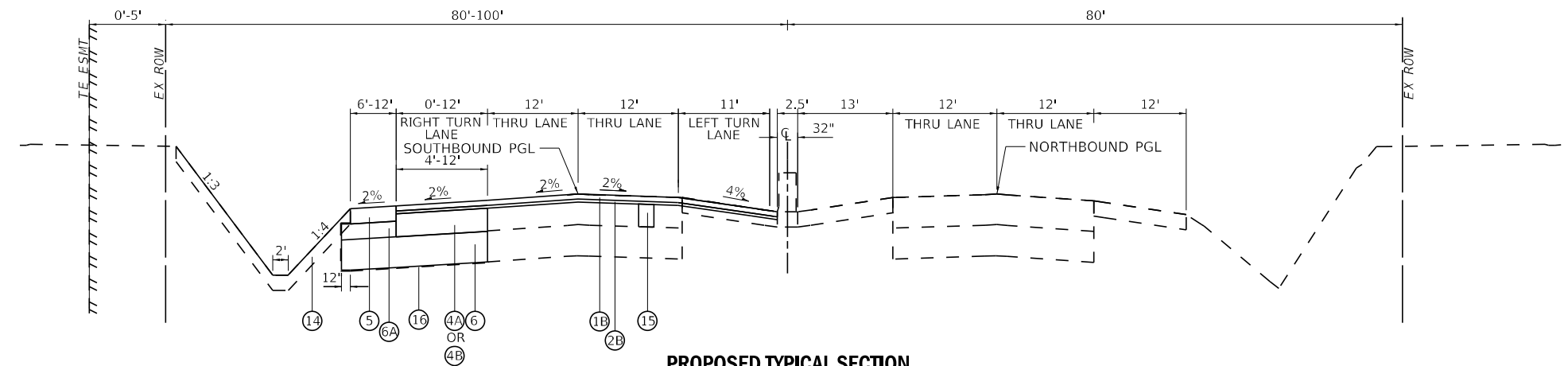
- AA HOT-MIX ASPHALT PAVEMENT
- AB PORTLAND CEMENT CONCRETE PAVEMENT
- B COMBINATION CONCRETE CURB AND GUTTER
- C PCC MEDIAN
- D CONCRETE BARRIER, DOUBLE FACE, 32 INCH
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- G GROUND SURFACE
- H PAVEMENT REMOVAL
- I HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- J HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (3/4" MIN)
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- M SIDEWALK REMOVAL
- ITEM TO BE REMOVED

PROPOSED LEGEND

- 1A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 - 1 1/2"
- 1B POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 - 1 3/4"
- 2A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70-VARIABLE DEPTH (2 1/4" MIN)
- 2B POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
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- 15 CLASS D PATCHES (AS DETERMINED BY THE ENGINEER)
- 16 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



**EXISTING TYPICAL SECTION
US ROUTE 41**
STA 2215+12 TO STA 2219+61



**PROPOSED TYPICAL SECTION
US ROUTE 41**
STA 2215+12 TO STA 2219+61

NOTES:

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.

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 12/6/2023
 FILE NAME: \\corporate\ba\wood\Projects\Crystal Lake\LCDOT\161141\US 41-Steams School\CADD\Sheets-Phase II\161141_SHT-TypSec_01.dgn



USER NAME = mornlg	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 10,0000 ' / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TypSec_01.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
U.S. RTE 41 (SKOKIE HIGHWAY)**

SCALE: NONE SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	27
CONTRACT NO. 62W53				

ILLINOIS FED. AID PROJECT HSIP-946(773)

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 18-001121 - EXPIRES 4/30/2020
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DRIVEWAY SCHEDULE										
STATION	OFFSET	TYPE	STANDARD	44000200 DRIVEWAY PAVEMENT REMOVAL SQ YD	35501308 HOT-MIX ASPHALT BASE COURSE, 6" SQ YD	35101800 AGGREGATE BASE COURSE, TYPE B 6" SQ YD	35102000 AGGREGATE BASE COURSE, TYPE B 8" SQ YD	40604060 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 TON	X4021000 TEMPORARY ACCESS (PRIVATE ENTRANCE) EACH	X4022000 TEMPORARY ACCESS (COMMERCIAL ENTRANCE) EACH
1096+70	RT	HMA	LCDOT	50		36		6	1	
1097+71	LT	HMA	LCDOT	123		84		12	1	
1100+70	RT	HMA	LCDOT	65			46	7		1
1104+37	LT	HMA	LCDOT	603		528		74	1	
1106+04	LT	HMA	LCDOT						1	
STEARNS SCHOOL TOTALS				841		648	46	99	4	1
3301+13	LT	HMA	LCDOT	99			97	14		1
3303+45	LT	HMA	LCDOT	84			80	12		1
FULLER TOTALS				183			177	26		2
2213+70	RT	HMA	BD-01	55	77			9	1	
US ROUTE 41 TOTALS				55	77			9	1	
PROJECT TOTALS				1,079	77	648	223	134	5	3

RESURFACING SCHEDULE								
STA.	TO STA.	OFFSET	X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH SQ YD	44000160 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" SQ YD	40603535 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1 1/2" TON	40603085 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, VARIABLE DEPTH TON	40605026 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" TON	40603200 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4" TON
1094+38	1108+64	LT/RT	5,708		439	1,172	64	
STEARNS SCHOOL TOTALS			5,708		439	1,172	64	
2205+70	2219+61	LT/RT		6,617			666	286
US ROUTE 41 TOTALS				6,617			666	286
PROJECT TOTALS			5,708	6,617	439	1,172	730	286

WIDENING SCHEDULE															
STA.	TO STA.	OFFSET	AREA <4' WIDE SQ YD	AREA <6' WIDE SQ YD	AREA >6' WIDE SQ YD	40604062 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1 1/2" TON	40603085 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4" TON	35600704 HOT-MIX ASPHALT BASE COURSE WIDENING, 7" SQ YD	35501312 HOT-MIX ASPHALT BASE COURSE, 7" SQ YD	35600713 HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/4" SQ YD	35501321 HOT-MIX ASPHALT BASE COURSE, 9 1/4" SQ YD	40605026 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4" TON	40603200 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4" TON	35400450 PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9 1/2" SQ YD	
1094+38	1095+88	LT		72		7	10	72							
1094+38	1102+27	RT		380		33	50	380							
1095+88	1107+55	LT			2,586	224	335		2,586						
1107+55	1108+31	LT			504		66			504		58			
1107+55	1108+41	RT	10				2					2			10
1108+41	1109+00	RT			125		17			125		15			
STEARNS SCHOOL TOTALS			10	452	3,215	264	480	452	2,586	629	75				10
2205+73	2207+31	LT		116						116		14	6		
2207+31	2208+23	LT	39									5	2	39	
2208+48	2209+31	LT	34									4	2	34	
2209+31	2213+65	LT			291					291		34	13		
2212+75	2213+40	LT			31					31		4	2		
2214+86	2218+60	LT			347						347	40	15		
2218+60	2219+61	LT	49							49		6	3		
US ROUTE 41 TOTALS			122	438	347					487	347	107	43		73
PROJECT TOTALS			132	890	3,562	264	480	452	2,586	1,116	347	182	43		83

*Quantity shown only for widening.



USER NAME = morrig	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - JIF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-Schedule.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	28
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP#ARG(773)	

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
morning 12/16/2023 10:06:15 AM
BAXTER & WOODMAN CONSULTING ENGINEERS

SIGN REMOVAL SCHEDULE					
				72400100	72400200
				REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B
EX STA	OFFSET	SIGN	SIGN SIZE	SIGN AREA	
1095+17	RT	S4-1100	24 x 48	8.0	1
1102+49	RT	"STEARNS SCHOOL RD"	Varies x 8	<9.0	1
		"FULLER RD	Varies x 8	<9.0	1
1102+91	LT	W1-7	48 x 24	8.0	1
1103+10	RT	R1-1	30 x 30	6.3	1
1103+59	LT	S4-1100	24 x 48	8.0	1
1103+85	RT	R2-1	30 x 36	7.5	1
		M2-1	21 x 15	2.2	1
1104+82	RT	M1-4	24 x 24	4.0	1
		W16-8P	Varies x 8	<9.0	1
		M3-4	24 x 12	2.0	1
1104+83	LT	M1-6	24 x 24	4.0	1
		"STEARNS SCHOOL RD"	Varies x 8	<9.0	1
1105+63	LT	S4-5	36 x 36	9.0	1
1106+57	LT	S1-1	36 x 36	9.0	1
		W16-9P	24 x 12	2.0	1
1106+94	LT	R2-1	24 x 30	5.0	1
		I1-1107a	30 x 36	7.5	1
1107+42	LT	I1-1107b	30 x 18	3.8	1
		I1-1107c	36 x 36	9.0	1
1107+74	RT	R3-5R	30 x 36	7.5	1
		M4-4	24 x 12	2.0	1
1107+79	LT	R5-1106	30 x 48	10.0	1
		"NEXT 1 MILE"	21 x 15	2.2	1
		M1-4	24 x 24	4.0	1
1108+48	RT	W16-8P	Varies x 8	<9.0	1
		M6-4	21 x 15	2.2	1
STEARNS SCHOOL ROAD TOTALS				26	1
2206+13	CL	R2-1	30 x 36	7.5	1
		M1-6	24 x 24	4.0	1
2213+53	RT	W16-8P	Varies x 8	<9.0	1
		M6-1	21 x 15	2.2	1
		HWY"		<9.0	1
2213+62	LT	M3-3	24 x 12	2.0	1
		M1-4	24 x 24	4.0	1
		"STEARNS SCHOOL RD"	Varies x 12	<9.0	1
2214+97	RT	M3-1	24 x 12	2.0	1
		M1-4	24 x 24	4.0	1
		R6-1	36 x 12	3.0	1
		"STEARNS SCHOOL RD"	Varies x 12	<9.0	1
2215+05	LT	M1-6	24 x 24	4.0	1
		W16-8P	Varies x 8	<9.0	1
2215+86	LT	M6-1	21 x 15	2.2	1
		R5-1	36 x 36	9.0	1
US ROUTE 41 TOTALS				16	0
PROJECT TOTALS				42	1

PROPOSED SIGN SCHEDULE							
					72000100	72000200	72800100
					SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	TELESCOPING STEEL SIGN SUPPORT
STA	OFFSET		SIGN	SIGN SIZE	SIGN AREA	SQ FT	FOOT
1095+17	25.85	RT	S4-1100	24 x 48	8.0	8.0	17
			R2-6P	18 x 24	3.0	3.0	
1100+63	38.73	LT	W4-2	36 x 36	9.0	9.0	14
1102+91	39.12	LT	W1-7	48 x 24	8.0	8.0	13
1103+10	58.35	RT	R1-1	30 x 30	6.3	6.3	14
1103+60	38.84	LT	S4-1100	24 x 48	8.0	8.0	17
			R2-6P	18 x 24	3.0	3.0	
1103+75	31.58	RT	ADVANCE LANE	40 x 30	8.3	8.3	14
			M2-1	21 x 15	2.2	2.2	
1104+82	36.38	RT	M1-4	24 x 24	4.0	4.0	16
			W16-8P	24 x 9	1.5	1.5	
			M3-4	24 x 12	2.0	2.0	
1104+83	38.84	LT	M1-6	24 x 24	4.0	4.0	15
			W16-8P	24 x 9	1.5	1.5	
1105+63	38.87	LT	S4-5	36 x 36	9.0	9.0	16
			R2-6P	24 x 18	3.0	3.0	
1106+39	39.40	LT	S1-1	36 x 36	9.0	9.0	15
			W16-9P	24 x 12	2.0	2.0	
1106+76	39.62	LT	R2-1	30 x 36	7.5	7.5	14
			I1-1107a	30 x 36	7.5	7.5	
1107+20	43.43	LT	I1-1107b	30 x 18	3.8	3.8	16
			I1-1107c	36 x 36	9.0	9.0	
			M4-4	24 x 12	2.0	2.0	
1107+59	46.53	LT	R5-1106	30 x 48	10.0	10.0	17
			W7-3AP	21 x 15	2.2	2.2	
1107+74	38.89	RT	R3-5R	30 x 36	7.5	7.5	14
			M1-4	24 x 24	4.0	4.0	
1108+17	38.73	RT	W16-8P	24 x 9	1.5	1.5	15
			M6-4	21 x 15	2.2	2.2	
STEARNS SCHOOL ROAD TOTALS					139	10	227
2209+00	12.00	LT	R3-8	36 X36	9.0	9.0	14
			M1-6	24 x 24	4.0	4.0	
2213+53	59.99	RT	W16-8P	24 x 9	1.5	1.5	
			M6-1	21 x 15	2.2	2.2	
2213+61	59.14	LT	M3-3	24 x 12	2.0	2.0	
			M1-4	24 x 24	4.0	4.0	
2214+97	54.02	RT	M3-3	24 x 12	2.0	2.0	
			M1-4	24 x 24	4.0	4.0	
			R6-1L	36 x 12	3.0	3.0	
2215+76	61.99	LT	M1-6	24 x 24	4.0	4.0	15
			W16-8P	24 x 9	1.5	1.5	
			M6-1	21 x 15	2.2	2.2	
2215+52	59.80	LT	R5-1	36 x 36	9.0	9.0	14
2219+00	36.00	LT	R3-5R	30 X 36	7.5	7.5	14
2219+00	11.00	LT	R3-5	30 X 36	7.5	7.5	
US ROUTE 41 TOTALS					64	0	57
PROJECT TOTALS					203	10	284

	USER NAME = morrij	DESIGNED - AMW	REVISED -
		DRAWN - MJO	REVISED -
	PLOT SCALE = 40,0000 */ in.	CHECKED - JIF	REVISED -
	PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-Schedule.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: NONE	SHEET 2	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	29
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 morning 12/6/2023 10:06:16 AM
 ...\\p161141-us 41-Stearns School\CADD\Sheets-Phase II\161141_SHT-Schedule.dgn
 ...\\p161141-us 41-Stearns School\CADD\Sheets-Phase II\161141_SHT-Schedule.dgn

TREE REMOVAL SCHEDULE							
STATION	SIDE	TREE DIAMETER	20100110 TREE REMOVAL (BY OTHERS) (6 TO 15 UNITS DIAMETER) UNIT	20100210 TREE REMOVAL (BY OTHERS) (OVER 15 UNITS DIAMETER) UNIT	20101100 TREE TRUNK PROTECTION EACH	20101200 TREE ROOT PRUNING EACH	X2010400 STUMP REMOVAL ONLY UNIT
1094+40	RT	8			1		
1094+85	RT	13			1		
1094+97	RT	12			1		
1095+27	RT	28			1		
1095+38	RT	10			1		
1095+49	RT	13			1		
1095+65	RT	7			1	1	
1095+97	RT	16			1	1	
1096+24	RT	18			1		
1096+29	RT	5			1	1	
1096+35	LT	7	7				8
1096+48	LT	7	7				8
1096+67	LT	10	10				11
1096+69	LT	6	6				7
1096+69	LT	6	6				7
1096+85	LT	6	6				7
1096+85	LT	6	6				7
1096+85	LT	6	6				7
1097+10	LT	10	10				11
1097+10	LT	10	10				11
1097+10	LT	10	10				11
1097+25	LT	6	6				7
1097+25	LT	6	6				7
1097+57	LT	6	6				7
1097+80	RT	20		20			21
1097+86	LT	12	12				13
1098+03	LT	8	8				9
1098+06	LT	8	8				9
1098+12	RT	8			1	1	
1098+18	LT	6	6				7
1098+56	LT	7	7				8
1098+61	RT	10			1	1	
1098+61	LT	8	8				9
1098+61	LT	8	8				9
1098+85	LT	15	15				16
1098+97	LT	16		16			17
1099+10	RT	10	10				11
1099+23	RT	16				1	
1099+32	LT	40		40			41
1099+38	RT	18				1	
1099+47	RT	5				1	
1099+60	RT	8	8				9
1099+84	LT	8	8				9
1100+13	LT	14	14				15
1100+91	LT	7	7				8
1101+02	LT	8	8				9
1102+66	RT	4				1	
1102+67	LT	8	8				9
1103+50	LT	6	6				7
1103+80	LT	14	14				15
1104+15	LT	6	6				7
1104+17	LT	10	10				11
1104+56	LT	12	12				13
1105+36	LT	7	7				8
1105+64	RT	10				1	
1106+36	LT	15	15				16
1106+42	LT	12			1		
1106+58	LT	6	6				7
1106+59	LT	17			1		
1106+79	LT	7	7				8
1106+81	LT	14	14				15
1107+03	LT	7	7				8
1107+03	LT	7	7				8
1107+46	LT	14	14				15
1107+60	LT	18		18			19
1108+20	RT	12	12				13
3303+05	LT	6	6				7
STEARNS SCHOOL ROAD TOTALS			388	94	14	10	531
2210+13	LT	8			1		

TREE REMOVAL SCHEDULE							
STATION	SIDE	TREE DIAMETER	20100110 TREE REMOVAL (BY OTHERS) (6 TO 15 UNITS DIAMETER) UNIT	20100210 TREE REMOVAL (BY OTHERS) (OVER 15 UNITS DIAMETER) UNIT	20101100 TREE TRUNK PROTECTION EACH	20101200 TREE ROOT PRUNING EACH	X2010400 STUMP REMOVAL ONLY UNIT
2210+13	LT	10			1		
2210+73	LT	6			1		
2213+87	RT	16		16			17
2213+92	RT	6			1		
2213+96	LT	24		24			25
2213+96	LT	30		30			31
2213+92	RT	6	6				7
2214+21	RT	12			1		
2215+49	LT	17		17			18
2215+52	LT	10	10				11
2215+57	LT	10	10				11
2215+63	LT	20		20			21
2215+68	LT	8	8				9
US ROUTE 41 TOTALS			34	107	5	0	150
PROJECT TOTALS			422	201	19	10	681

PROPOSED TREE SCHEDULE					
	A2001016	A2005816	A2007116		
	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED		
STATION	O/S	SIDE	EACH	EACH	EACH
1094+50	45	LT	1		
1095+50	45	LT	1		
1096+00	45	LT		1	
1096+50	45	LT			1
1097+00	45	LT			1
1097+50	45	LT		1	
1098+00	45	LT		1	
1098+50	45	LT	1		
1099+00	45	LT		1	
1099+50	45	LT			1
1100+50	45	LT			1
1101+00	45	LT		1	
1101+50	45	LT		1	
1102+00	45	LT		1	
1102+50	45	LT	1		
1103+50	45	LT			1
1104+00	45	LT			1
1105+00	45	LT			1
1105+50	45	LT		1	
1106+50	45	LT	1		
1107+30	45	LT		1	
1107+50	50	LT			1
1108+10	55	RT	1		
1108+40	55	RT	1		
STEARNS SCHOOL ROAD TOTALS			7	9	8
US ROUTE 41 TOTALS			0	0	0
PROJECT TOTALS			7	9	8



USER NAME = morrig	DESIGNED - AMW	REVISED -
DRAWN - MJO	REVISED -	
PLOT SCALE = 40,0000' / in.	CHECKED - JIF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-Schedule.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 30
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

EARTHWORK														
LOCATION	TOPSOIL						EARTHWORK							
	A	HIDE	HIDE	B	C	D= A-B-C	E	F= D+E	G	H	I	J= (G-H+I)* 0.85	K	L= J-K
	TOPSOIL EXCAVATION (CU YD)	MANAGED WASTE CAN REUSE ON SITE (CU YD)	MANAGED WASTE NO REUSE (CU YD)	NON-SPECIAL WASTE DISPOSAL (CU YD)	TOPSOIL PLACEMENT (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	UNDERCUT (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	NON-SPECIAL WASTE DISPOSAL (CU YD)	UTILITY EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
STAGE 1	224	-	12	12	182	30	151	181	604	31	-	488	72	416
STEARNS SCHOOL ROAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
US ROUTE 41	224	-	12	12	182	30	151	181	604	31	-	488	72	416
FULLER ROAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STAGE 2	872	-	44	44	396	432	229	661	915	46	200	909	1,838	-929
STEARNS SCHOOL ROAD	872	-	44	44	396	432	229	661	915	46	200	909	1,838	(929)
US ROUTE 41	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FULLER ROAD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STAGE 3	248	-	13	13	208	27	212	262	950	49	590	1,269	6	1,263
STEARNS SCHOOL ROAD	198	-	10	10	138	50	92	142	367	19	590	798	6	792
US ROUTE 41	-	-	-	-	-	-	120	120	479	24	-	387	-	387
FULLER ROAD	50	-	3	3	69	(22)	-	-	104	6	-	84	-	84
TOTAL	1,344	-	69	69	785	490	592	1,105	2,469	126	790	2,666	1,916	750

Column A - Topsoil removal quantity from cross sections (topsoil removed at 6" depth).
 Column B - Volume of non-special waste identified within the topsoil.
 Column C - Topsoil required for final condition (topsoil installed at 4" depth).
 Column D - Topsoil balance after removing non-special waste.
 Column E - Additional cut material that is determined to be either unstable or unsuitable for use in embankment.
 Column F - Excess Topsoil material and undercut.
 Column G - Cut quantity from cross sections.
 Column H - Volume of non-special waste identified within the cut quantities from the cross sections.
 Column I - Cut quantities required for the installation of utilities.
 Column J - Cut quantities that are acceptable for use in embankment multiplied by a shrinkage factor.
 Column K - Fill quantities from cross sections.
 Column L - Off-site material needed or material waste

EARTHWORK PAY ITEM SUMMARY		
(20200100) EARTH EXCAVATION	2,469	CU YD
(20201200) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	1,105	CU YD
(20400800) FURNISHED EXCAVATION	513	CU YD
(21101505) TOPSOIL EXCAVATION AND PLACEMENT	785	CU YD
(66900200) NON-SPECIAL WASTE DISPOSAL	195	CU YD
(30300001) AGGREGATE SUBGRADE IMPROVEMENT	592	CU YD

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USER NAME = morning	DESIGNED - AMW	REVISED -
DRAWN - MJO	REVISIONS -	
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PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-Schedule.dgn

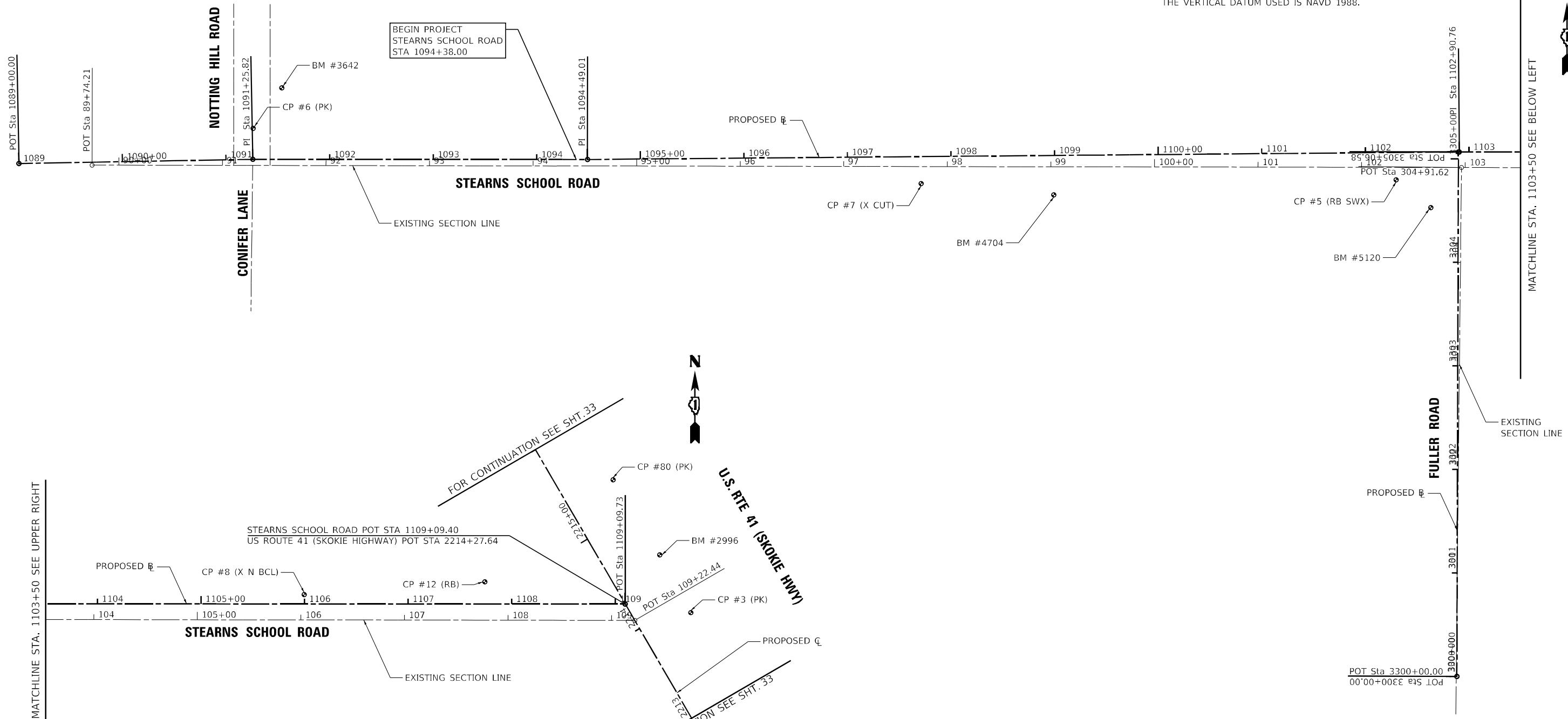
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	31
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

NOTE:
 THE HORIZONTAL DATUM USED IS STATE PLANE COORDINATES.
 THE VERTICAL DATUM USED IS NAVD 1988.



BENCHMARK LIST

BM #1913	CUT SQUARE S MA BASE @ SOUTHWEST MEDIAN RTE 41 & RTE 21 ELEV = 685.549 (NAVD88)		
BM #2135	RRS SET W FACE PPO N PROP LINE OF ADD 36355 RTE 41 ELEV = 692.375 (NAVD88)	BM #4409	W ARROW BONNET BOLT ON W SIDE OF RTE 41 APPROX 800' N OF STEARNS SCHOOL ELEV = 674.342 (NAVD88)
BM #2584	RRS SET E FACE PPO W SIDE RTE 41 ADD 36355 RTE 41 ELEV = 694.552 (NAVD88)	BM #4564	SPIKE IN EAST SIDE POWER POLE AT WEST SIDE RTE 41-2ND POLE NORTH OF RTE 41 & STEARNS SCHOOL RD ELEV = 680.195 (NAVD88)
BM #2996	X AT WEST SIDE TRAFFIC SIGNAL W/ MAST ARM PEDESTAL AT NE CORNER RTE 41 & STEARNS SCHOOL ELEV = 682.648 (NAVD88)	BM #4704	SW ARROW BLT FH AT SOUTH SIDE OF STEARNS SCHOOL RD-EAST OF ADD 5175 ELEV = 696.833 (NAVD88)
BM #3642	SE ARROW BLT FH AT NE CORNER STEARNS SCHOOL RD & NOTTING HILL RD ELEV = 714.956 (NAVD88)	BM #5120	WEST ARROW BLT FH AT SW CORNER OF STEARNS SCHOOL RD & FULLER RD ELEV = 700.476 (NAVD88)

Beginning chain PR_STEARNS description
 Feature: Geom_Pr_Centerline

Point 6384	N	2,086,027.21 E	1,092,124.00 Sta	1089+00.00
Course from 6384 to 6385 N 88° 58' 21.44" E Dist 225.82				
Point 6385	N	2,086,031.26 E	1,092,349.78 Sta	1091+25.82
Course from 6385 to 6386 S 89° 58' 29.27" E Dist 323.19				
Point 6386	N	2,086,031.11 E	1,092,672.97 Sta	1094+49.01
Course from 6386 to 6387 N 89° 30' 18.70" E Dist 841.75				
Point 6387	N	2,086,038.38 E	1,093,514.69 Sta	1102+90.76
Course from 6387 to 6388 S 89° 58' 56.57" E Dist 618.97				
Point 6388	N	2,086,038.19 E	1,094,133.66 Sta	1109+09.73
Ending chain PR_STEARNS description				

Beginning chain PR_FULLER description
 Feature: Geom_Pr_Centerline

Point 6405	N	2,085,531.79 E	1,093,512.39 Sta	3300+00.00
Course from 6405 to 6406 N 0° 09' 53.07" E Dist 506.58				
Point 6406	N	2,086,038.38 E	1,093,513.85 Sta	3305+06.58
Ending chain PR_FULLER description				

CONTROL POINTS

CP #3	N 2086029.828, E 1094196.931, ELEV 683.565, CP PK E SHB RTE 41
CP #5	N 2086011.422, E 1093453.752, ELEV 697.511, CP RB SWX FULLER & STEARNS
CP #6	N 2086061.209, E 1092350.118, ELEV 713.510, CP PK CL NOTTING HILL
CP #7	N 2086007.824, E 1092995.139, ELEV 696.993, CP X CUT CL WALK E PROPLINE
CP #8	N 2086047.287, E 1093823.582, ELEV 691.372, CP X N BCL @ E DRIVE OF 15190 STEARNS
CP #12	N 2086059.607, E 1093998.134, ELEV 683.447, CP RB
CP #80	N 2086158.121, E 1094121.914, ELEV 681.111, CP PK

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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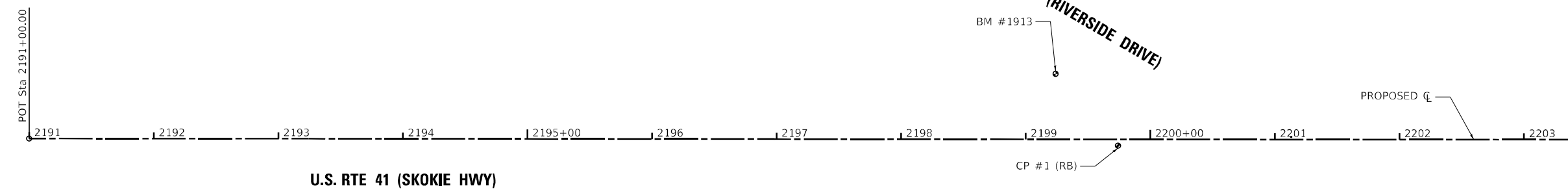
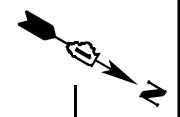
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	PLOT DATE = 12/16/2023	CHECKED - JJF	REVISED -
		DATE - 12/16/2023	FILE - 161141_SHT-AlignTies_01.dgn

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

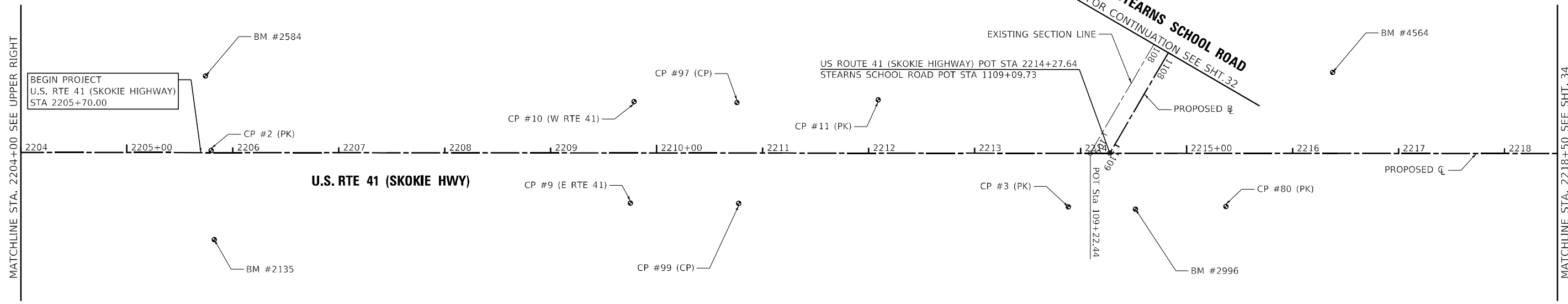
ALIGNMENT PLAN AND TIES	
STEARNS SCHOOL ROAD	
SCALE: 1"=50'	SHEET 1 OF 5 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	32
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

NOTE:
THE HORIZONTAL DATUM USED IS STATE PLANE COORDINATES.
THE VERTICAL DATUM USED IS NAVD 1988.



MATCHLINE STA. 2204+00 SEE BELOW LEFT



BENCHMARK LIST

BM #1913	CUT SQUARE S MA BASE @ SOUTHWEST MEDIAN RTE 41 & RTE 21 ELEV = 685.549 (NAVD88)	BM #4409	W ARROW BONNET BOLT ON W SIDE OF RTE 41 APPROX 800' N OF STEARNS SCHOOL ELEV = 674.342 (NAVD88)
BM #2135	RRS SET W FACE PPO N PROP LINE OF ADD 36355 RTE 41 ELEV = 692.375 (NAVD88)	BM #4564	SPIKE IN EAST SIDE POWER POLE AT WEST SIDE RTE 41-2ND POLE NORTH OF RTE 41 & STEARNS SCHOOL RD ELEV = 680.195 (NAVD88)
BM #2584	RRS SET E FACE PPO W SIDE RTE 41 ADD 36355 RTE 41 ELEV = 694.552 (NAVD88)	BM #4704	SW ARROW BLT FH AT SOUTH SIDE OF STEARNS SCHOOL RD-EAST OF ADD 5175 ELEV = 696.833 (NAVD88)
BM #2996	X AT WEST SIDE TRAFFIC SIGNAL W/ MAST ARM PEDESTAL AT NE CORNER RTE 41 & STEARNS SCHOOL ELEV = 682.648 (NAVD88)	BM #5120	WEST ARROW BLT FH AT SW CORNER OF STEARNS SCHOOL RD & FULLER RD ELEV = 700.476 (NAVD88)
BM #3642	SE ARROW BLT FH AT NE CORNER STEARNS SCHOOL RD & NOTTING HILL RD		

CONTROL POINTS

CP #1	N 2084784.115, E 1094868.365, ELEV 685.828, CP RBAR MEDIAN
CP #2	N 2085304.069, E 1094557.966, ELEV 690.679, CP PK N MEDIAN
CP #3	N 2086029.828, E 1094196.931, ELEV 683.565, CP PK E SHB RTE 41
CP #9	N 2085670.912, E 1094401.815, ELEV 688.888, CP 9 E RTE 41 @ STREAM
CP #10	N 2085625.779, E 1094317.409, ELEV 688.818, CP 9 W RT41 @ STREAM
CP #80	N 2086158.121, E 1094121.914, ELEV 681.111, CP PK
CP #97	N 2085710.212, E 1094269.358, ELEV 687.929, CP
CP #99	N 2085759.382, E 1094350.528, ELEV 687.914, CP

Beginning chain PR_US41 description
Feature: Geom_Pr_Centerline
=====

Point 6342	N	2,084,025.88	E	1,095,303.15	Sta	2191+00.00
Course from 6342 to 6343 N 30° 09' 49.46" W Dist 4,100.00						
Point 6343	N	2,087,570.71	E	1,093,243.01	Sta	2232+00.00

Ending chain PR_US41 description
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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = morning	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-AlignTies_02.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

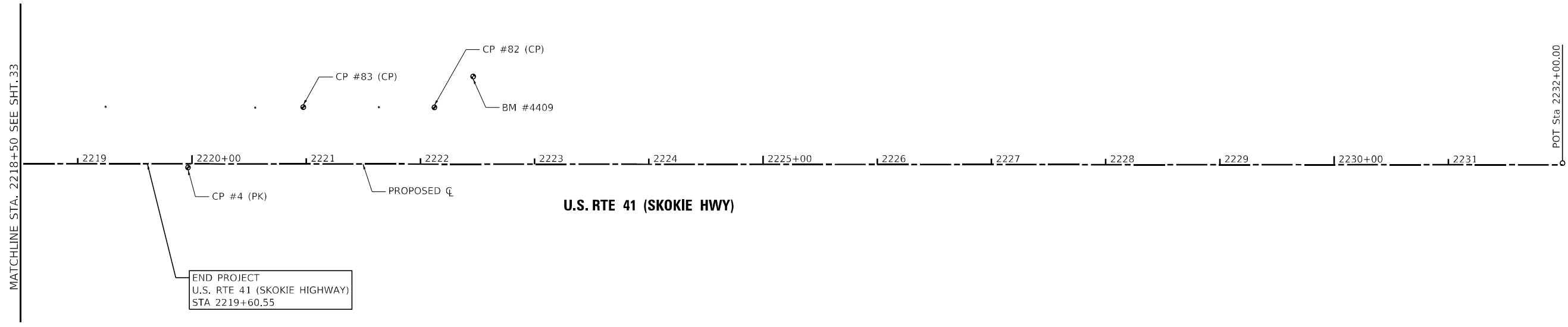
**ALIGNMENT PLAN AND TIES
U.S. RTE 41 (SKOKIE HIGHWAY)**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 33
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

NOTE:

THE HORIZONTAL DATUM USED IS STATE PLANE COORDINATES.
THE VERTICAL DATUM USED IS NAVD 1988.



CONTROL POINTS

CP #4	N	2086531.843	E	1093850.395	ELEV	674.951	CP PK E CENTER MEDIAN
CP #82	N	2086691.841	E	1093696.379	ELEV	672.532	CP PK
CP #83	N	2086592.421	E	1093753.906	ELEV	673.574	CP

BENCHMARK LIST

BM #1913	CUT SQUARE S MA BASE @ SOUTHWEST MEDIAN RTE 41 & RTE 21 ELEV = 685.549 (NAVD88)	BM #4409	W ARROW BONNET BOLT ON W SIDE OF RTE 41 APPROX 800' N OF STEARNS SCHOOL ELEV = 674.342 (NAVD88)
BM #2135	RRS SET W FACE PPO N PROP LINE OF ADD 36355 RTE 41 ELEV = 692.375 (NAVD88)	BM #4564	SPIKE IN EAST SIDE POWER POLE AT WEST SIDE RTE 41-2ND POLE NORTH OF RTE 41 & STEARNS SCHOOL RD ELEV = 680.195 (NAVD88)
BM #2584	RRS SET E FACE PPO W SIDE RTE 41 ADD 36355 RTE 41 ELEV = 694.552 (NAVD88)	BM #4704	SW ARROW BLT FH AT SOUTH SIDE OF STEARNS SCHOOL RD-EAST OF ADD 5175 ELEV = 696.833 (NAVD88)
BM #2996	X AT WEST SIDE TRAFFIC SIGNAL W/ MAST ARM PEDESTAL AT NE CORNER RTE 41 & STEARNS SCHOOL ELEV = 682.648 (NAVD88)	BM #5120	WEST ARROW BLT FH AT SW CORNER OF STEARNS SCHOOL RD & FULLER RD ELEV = 700.476 (NAVD88)
BM #3642	SE ARROW BLT FH AT NE CORNER STEARNS SCHOOL RD & NOTTING HILL RD		

Beginning chain PR_US41 description
Feature: Geom_Pr_Centerline

Point 6342 N 2,084,025.88 E 1,095,303.15 Sta 2191+00.00

Course from 6342 to 6343 N 30° 09' 49.46" W Dist 4,100.00

Point 6343 N 2,087,570.71 E 1,093,243.01 Sta 2232+00.00

Ending chain PR_US41 description

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = morning	DESIGNED - AMW	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-AlignTies_03.dgn

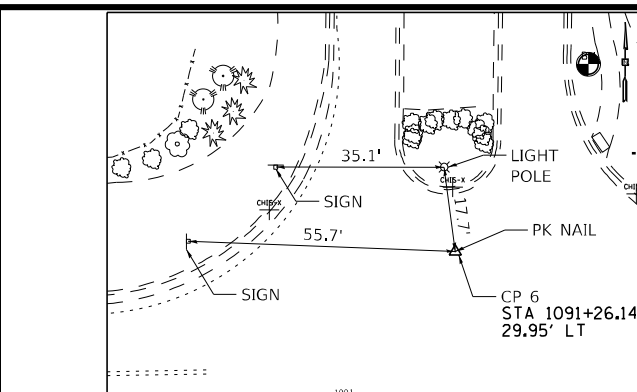
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT PLAN AND TIES
U.S. RTE 41 (SKOKIE HIGHWAY)**

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. TO STA.

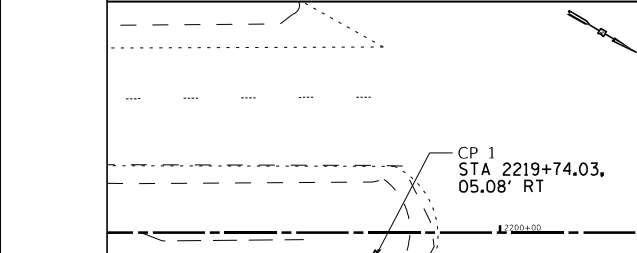
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	34
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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STEARNS SCHOOL RD

DESCRIPTION:
 CP 6 IS A PK NAIL ON THE CENTERLINE OF NOTTING HILL RD.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2086061.209 E = 1092350.118 ELEV. = 713.510



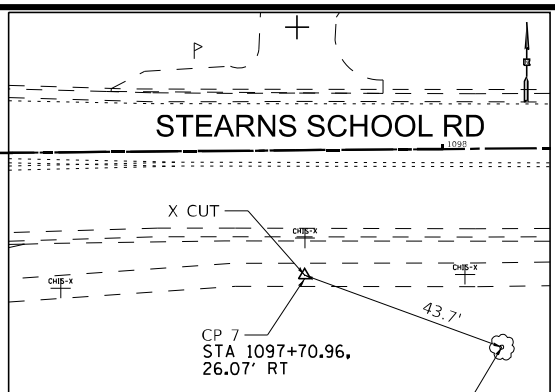
U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 1 IS A REBAR IN THE MEDIAN ON U.S. 41. SOUTH OF RIVERSIDE DR.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2084784.115 E = 1094868.365 ELEV. = 685.82



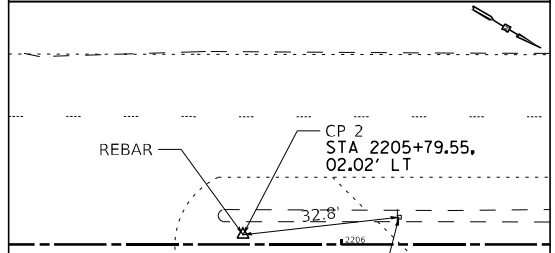
U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 99 E OF U.S. 41 & S OF STEARNS SCHOOL RD.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2085759.382 E = 1094350.528 ELEV. = 687.91



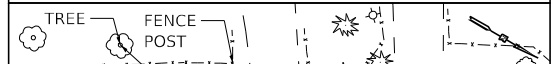
STEARNS SCHOOL RD

DESCRIPTION:
 CP 7 IS AN X CUT ON THE CENTERLINE OF THE SIDEWALK.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2086007.824 E = 1092995.139 ELEV. = 696.99



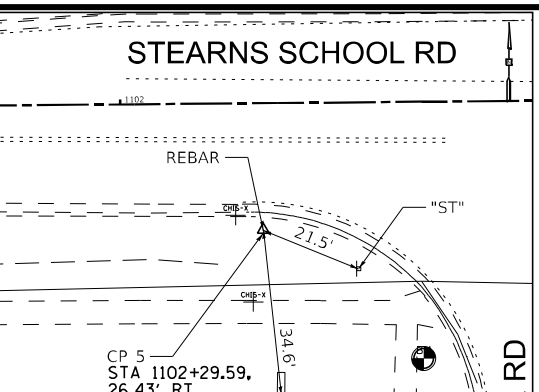
U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 2 IS A PK NAIL NEAR THE MEDIAN ON U.S. 41.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2085304.069 E = 1094557.966 ELEV. = 690.67



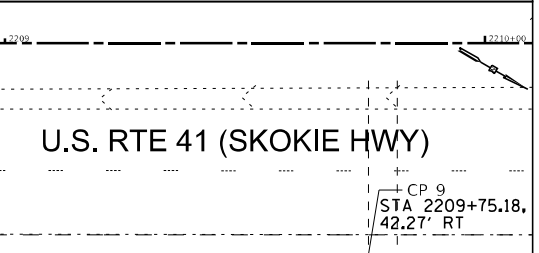
U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 11 E OF U.S. 41 & S OF STEARNS SCHOOL RD.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2085824.036 E = 1094200.048 ELEV. = 686.21



STEARNS SCHOOL RD

DESCRIPTION:
 CP 5 IS A REBAR NEAR THE SIDEWALK AT STEARNS SCHOOL RD & FULLER RD.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2086011.422 E = 1093453.752 ELEV. = 697.51



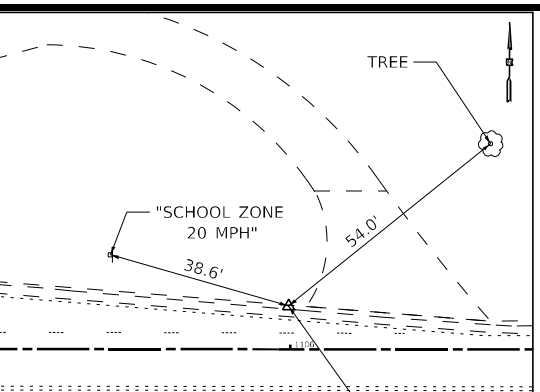
U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 9 E OF U.S. 41 @ STREAM.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2085670.912 E = 1094401.815 ELEV. = 688.88



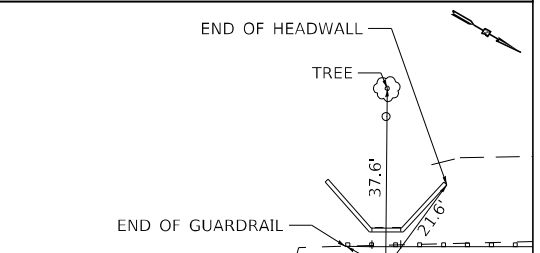
U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 3 IS A PK NAIL E SHB ON U.S. 41.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2086029.828 E = 1094196.931 ELEV. = 683.56



STEARNS SCHOOL RD

DESCRIPTION:
 CP 8 X CUT ALONG CURB LINE THE EAST DRIVE OF 15190 STEARNS SCHOOL RD.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2086047.287 E = 1093823.582 ELEV. = 691.37



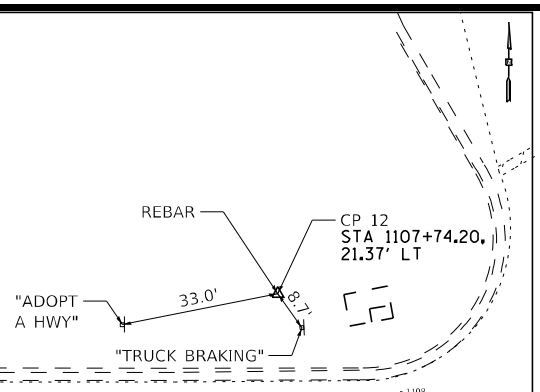
U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 9 W OF U.S. 41 @ STREAM.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2085625.779 E = 1094317.409 ELEV. = 688.81



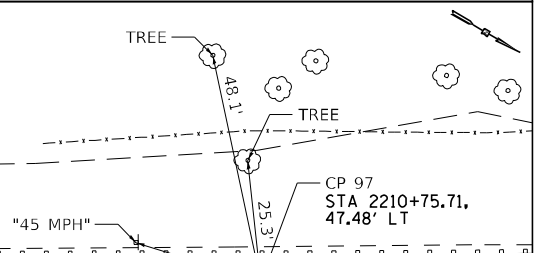
U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 80 IS A PK NAIL E OF U.S. 41 & N OF STEARNS SCHOOL RD.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2086158.121 E = 1094121.914 ELEV. = 681.11



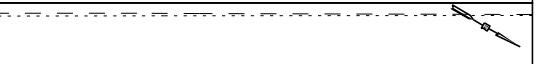
STEARNS SCHOOL RD

DESCRIPTION:
 CP 12 IS A REBAR ON THE NORTH SIDE OF STEARNS SCHOOL RD, WEST OF U.S. 41.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2086059.607 E = 1093998.134 ELEV. = 683.44



U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 97 W OF U.S. 41 & S OF STEARNS SCHOOL RD.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2085710.212 E = 1094269.358 ELEV. = 687.92



U.S. RTE 41 (SKOKIE HWY)

DESCRIPTION:
 CP 4 IS A PK NAIL ON U.S. 41 MEDIAN & N OF STEARNS SCHOOL RD.
 MONUMENT COORDINATES, NAD83 IL. EAST, US FOOT
 N = 2086531.843 E = 1093850.395 ELEV. = 674.95



USER NAME = morrig	DESIGNED - AMW	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 12/16/2023	CHECKED - JJF	REVISED -
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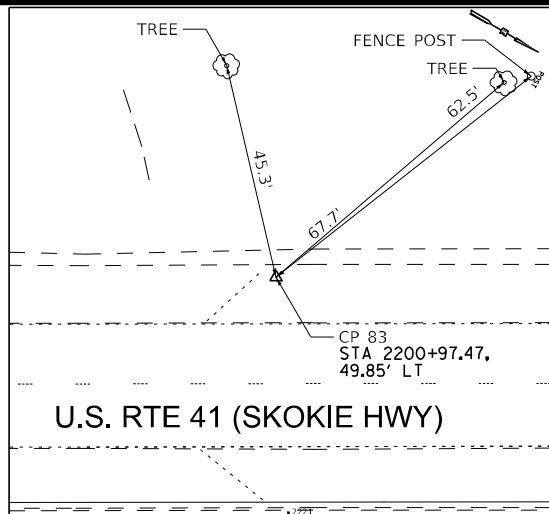
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT PLAN AND TIES

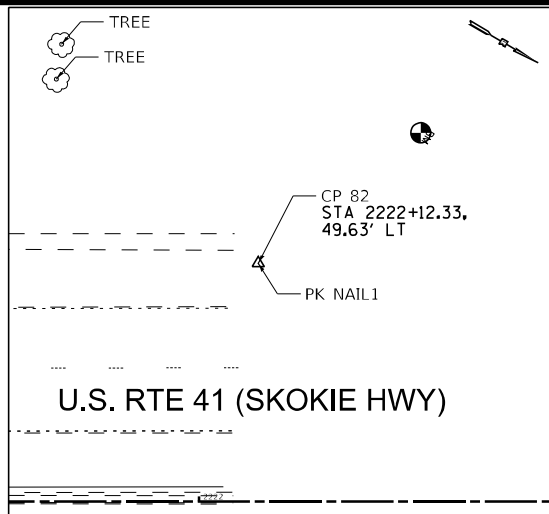
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	35
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-94R6(773)	

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DESCRIPTION:
 CP 83 W OF U.S. 41 & N OF STEARNS SCHOOL RD.
 MONUMENT COORDINATES, NAD83 IL, EAST, US FOOT
 N = 2086592.421 E = 1093753.906 ELEV. = 673.57



DESCRIPTION:
 CP 82 IS A PK NAIL W OF U.S. 41 & N OF STEARNS SCHOOL RD.
 MONUMENT COORDINATES, NAD83 IL, EAST, US FOOT
 N = 2086691.841 E = 1093696.379 ELEV. = 672.53



USER NAME = morning	DESIGNED - AMW	REVISED -
DRAWN - MJO	CHECKED - JJF	REVISED -
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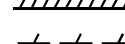
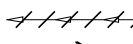


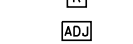


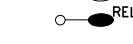

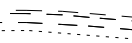
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

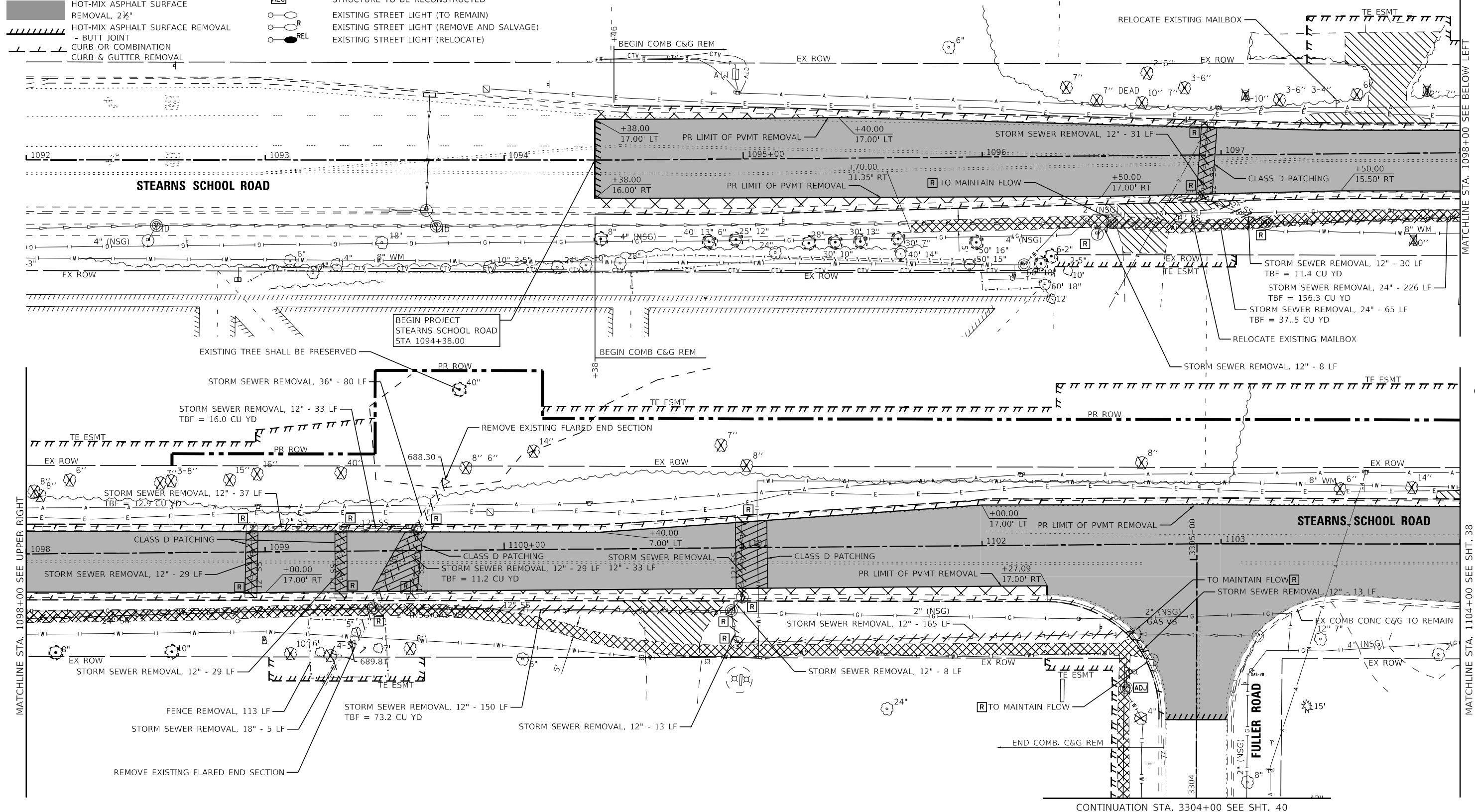
ALIGNMENT PLAN AND TIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	36
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

LEGEND

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
-  SIDEWALK REMOVAL
-  AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
-  CURB OR COMBINATION CURB & GUTTER REMOVAL
-  STORM SEWER REMOVAL
-  TREE TRUNK PROTECTION
-  TREE REMOVAL (BY OTHERS) STUMP REMOVAL ONLY
-  STRUCTURE TO BE REMOVED
-  STRUCTURE TO BE ADJUSTED
-  STRUCTURE TO BE RECONSTRUCTED
-  EXISTING STREET LIGHT (TO REMAIN)
-  EXISTING STREET LIGHT (REMOVE AND SALVAGE)
-  EXISTING STREET LIGHT (RELOCATE)



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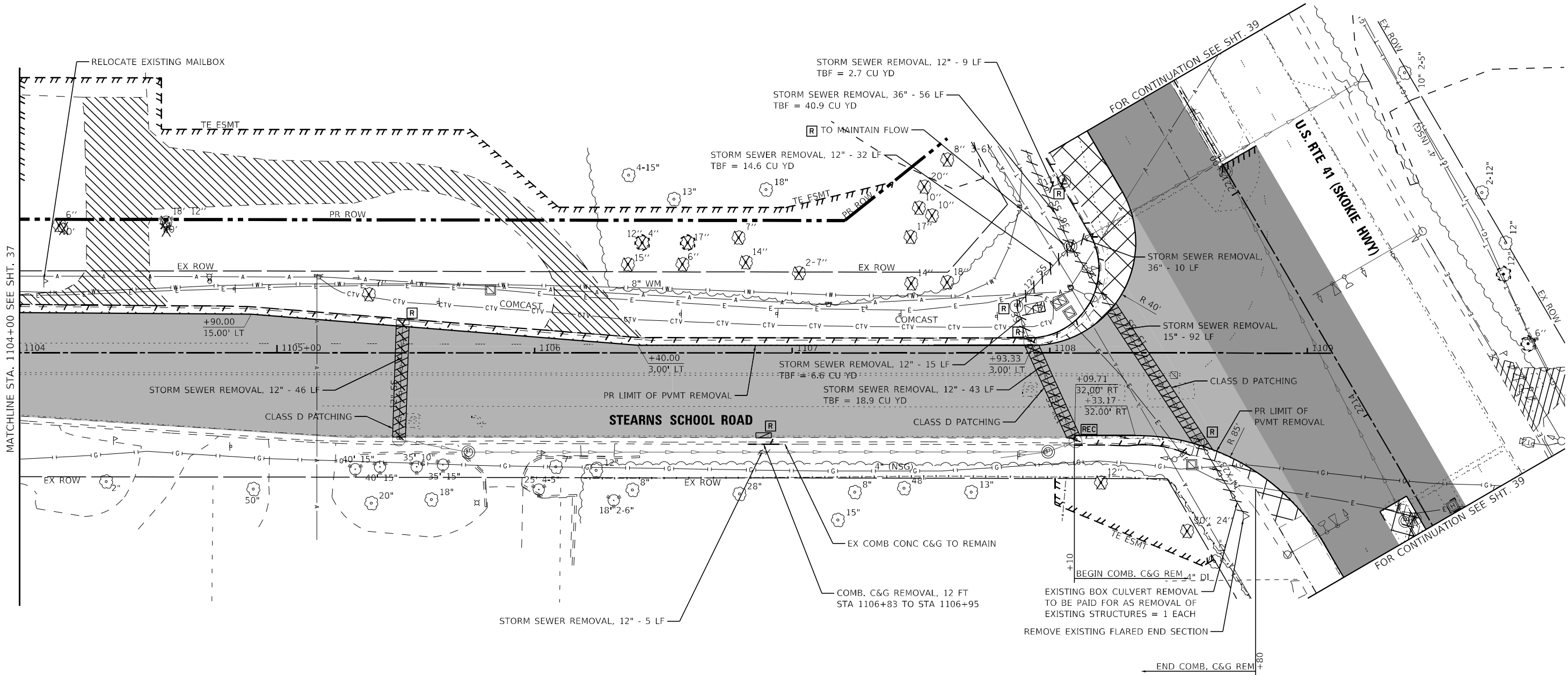
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
STEARNS SCHOOL ROAD**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	37
ILLINOIS FED. AID PROJECT HSIP-9ARG(73)			CONTRACT NO. 62W53	



MATCHLINE STA. 1104+00 SEE SHT. 37

FOR CONTINUATION SEE SHT. 39

FOR CONTINUATION SEE SHT. 39

LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
- SIDEWALK REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CURB OR COMBINATION
- CURB & GUTTER REMOVAL
- STORM SEWER REMOVAL
- TREE TRUNK PROTECTION
- TREE REMOVAL (BY OTHERS) STUMP REMOVAL ONLY
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE RECONSTRUCTED
- EXISTING STREET LIGHT (TO REMAIN)
- EXISTING STREET LIGHT (REMOVE AND SALVAGE)
- EXISTING STREET LIGHT (RELOCATE)

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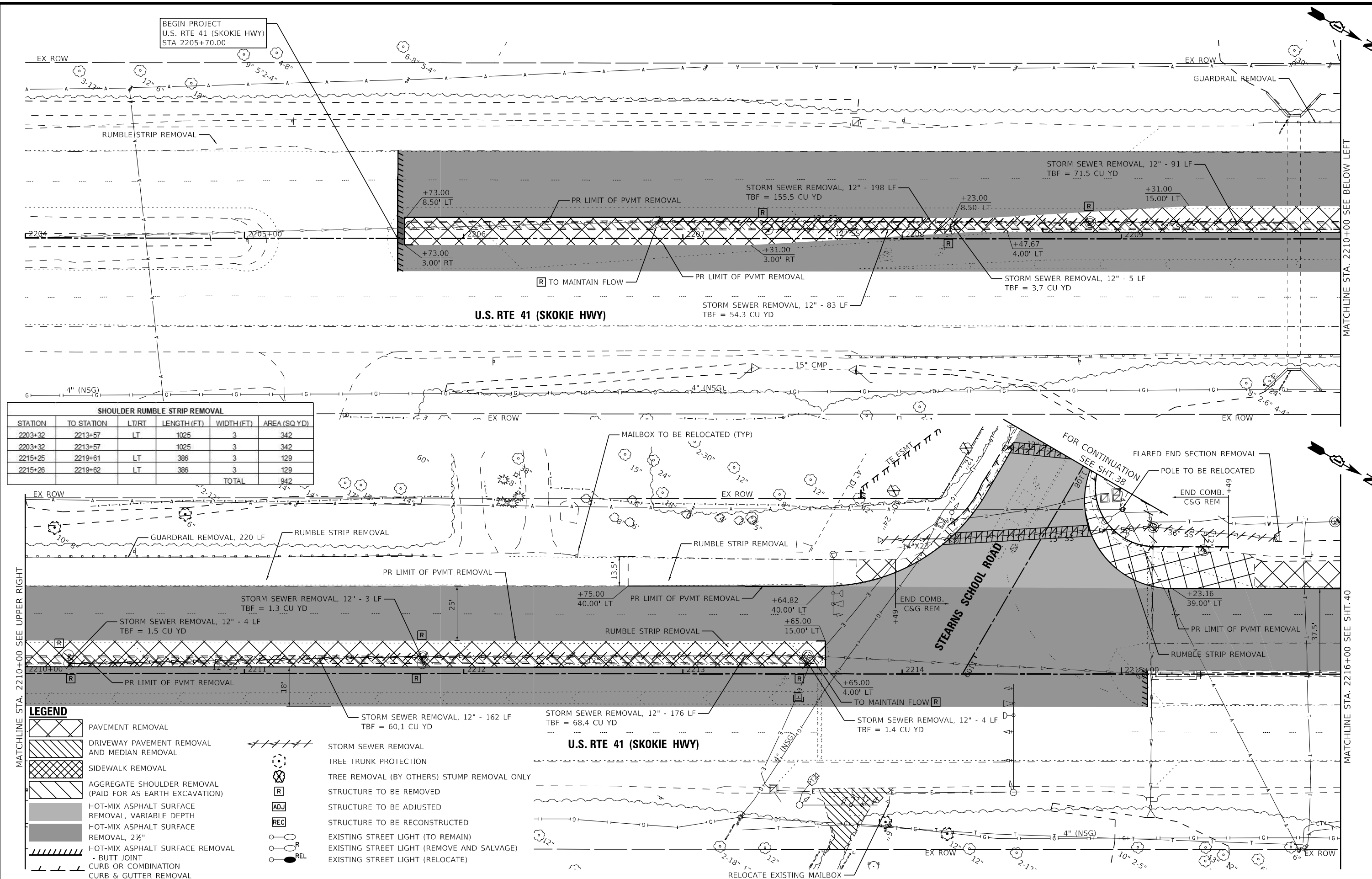
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN STEARNS SCHOOL ROAD	
SCALE: 1" = 20'	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 38
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

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SHOULDER RUMBLE STRIP REMOVAL					
STATION	TO STATION	LT/RT	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
2203+32	2213+57	LT	1025	3	342
2203+32	2213+57	LT	1025	3	342
2215+25	2219+61	LT	386	3	129
2215+26	2219+62	LT	386	3	129
TOTAL					942

LEGEND	
	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
	SIDWALK REMOVAL
	AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT CURB OR COMBINATION CURB & GUTTER REMOVAL
	TREE TRUNK PROTECTION
	TREE REMOVAL (BY OTHERS) STUMP REMOVAL ONLY
	STRUCTURE TO BE REMOVED
	STRUCTURE TO BE ADJUSTED
	STRUCTURE TO BE RECONSTRUCTED
	EXISTING STREET LIGHT (TO REMAIN)
	EXISTING STREET LIGHT (REMOVE AND SALVAGE)
	EXISTING STREET LIGHT (RELOCATE)

BAXTER & WOODMAN	USER NAME = mmorrig	DESIGNED - AMW	REVISED -
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	PLOT DATE = 12/16/2023	CHECKED - JJF	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
 U.S. RTE 41 (SKOKIE HIGHWAY) & FULLER ROAD**

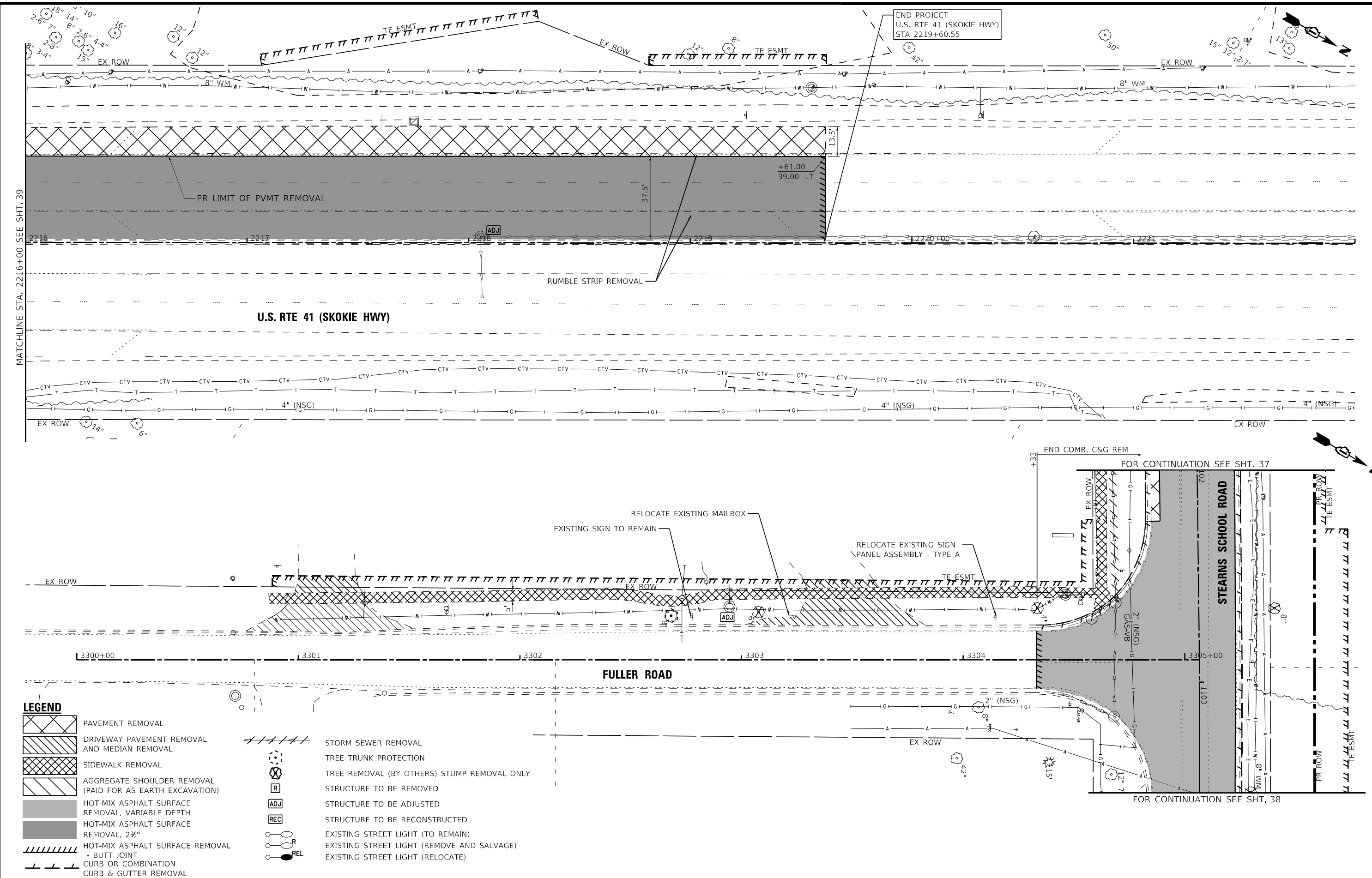
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F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 39
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

MATCHLINE STA. 2210+00 SEE BELOW LEFT

MATCHLINE STA. 2216+00 SEE SHT. 40

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL AND MEDIAN REMOVAL
- SIDEWALK REMOVAL
- AGGREGATE SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CURB OR COMBINATION CURB & GUTTER REMOVAL
- STORM SEWER REMOVAL
- TREE TRUNK PROTECTION
- TREE REMOVAL (BY OTHERS) STUMP REMOVAL ONLY
- STRUCTURE TO BE REMOVED
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE RECONSTRUCTED
- EXISTING STREET LIGHT (TO REMAIN)
- EXISTING STREET LIGHT (REMOVE AND SALVAGE)
- EXISTING STREET LIGHT (RELOCATE)



USER NAME = morrig	DESIGNED - AMW	REVISED -
DRAWN - MJO	REVISIONS -	
PLOT SCALE = 40,0000' / in.	CHECKED - JJF	REVISED -
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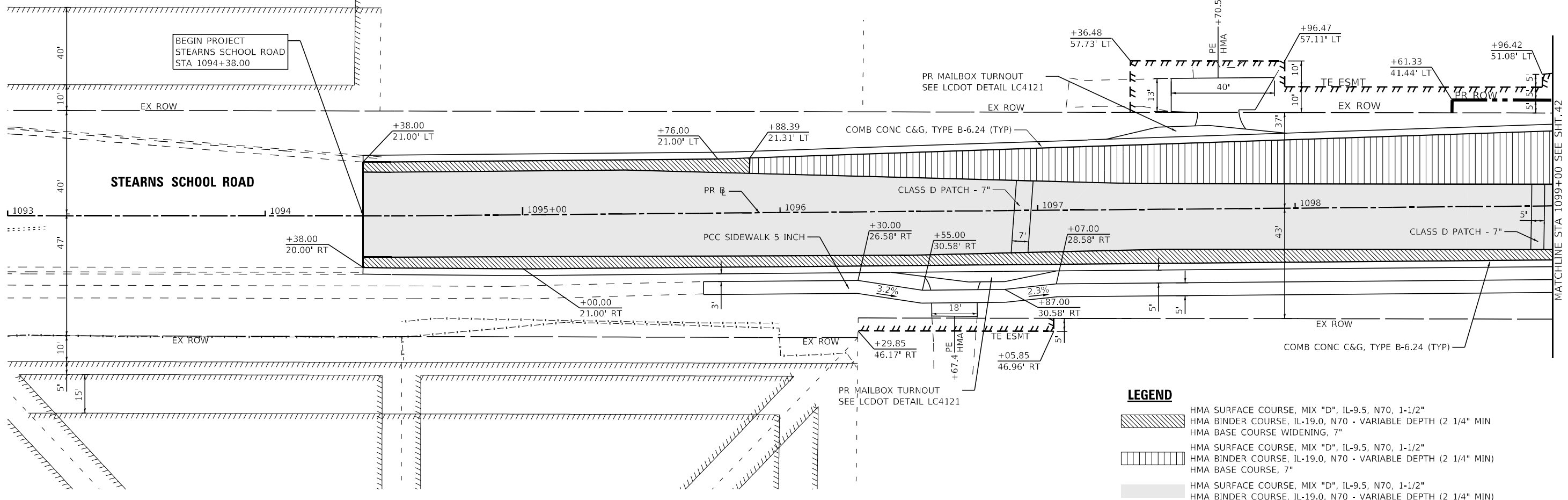
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
U.S. RTE 41 (SKOKIE HIGHWAY) & FULLER ROAD**

SCALE: 1" = 20' SHEET 4 OF 4 SHEETS STA. TO STA.

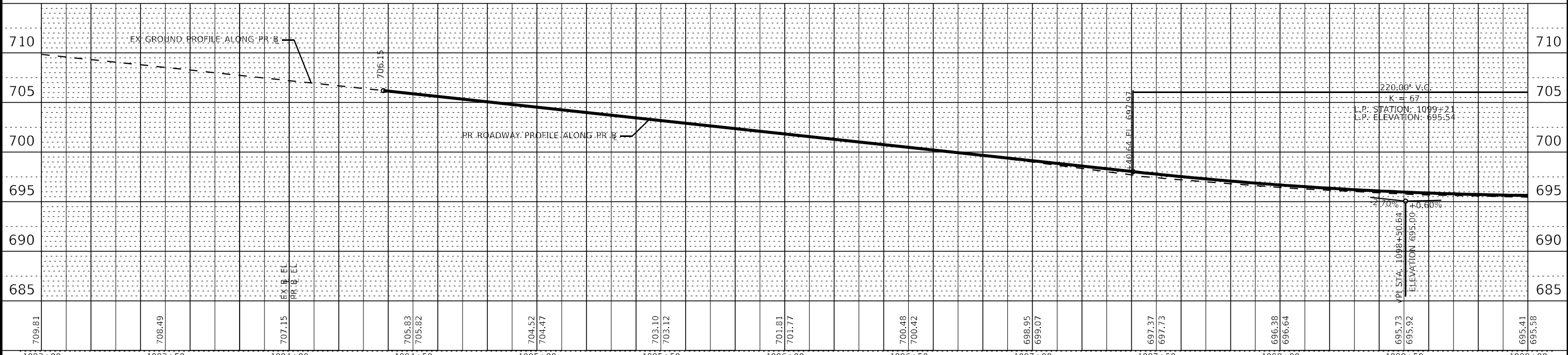
F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 40
CONTRACT NO. 62W53				

ILLINOIS FED. AID PROJECT HSIP-9ARG(773)



LEGEND

- HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
- HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
- HMA BASE COURSE WIDENING, 7"
- HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
- HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
- HMA BASE COURSE, 7"
- HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
- HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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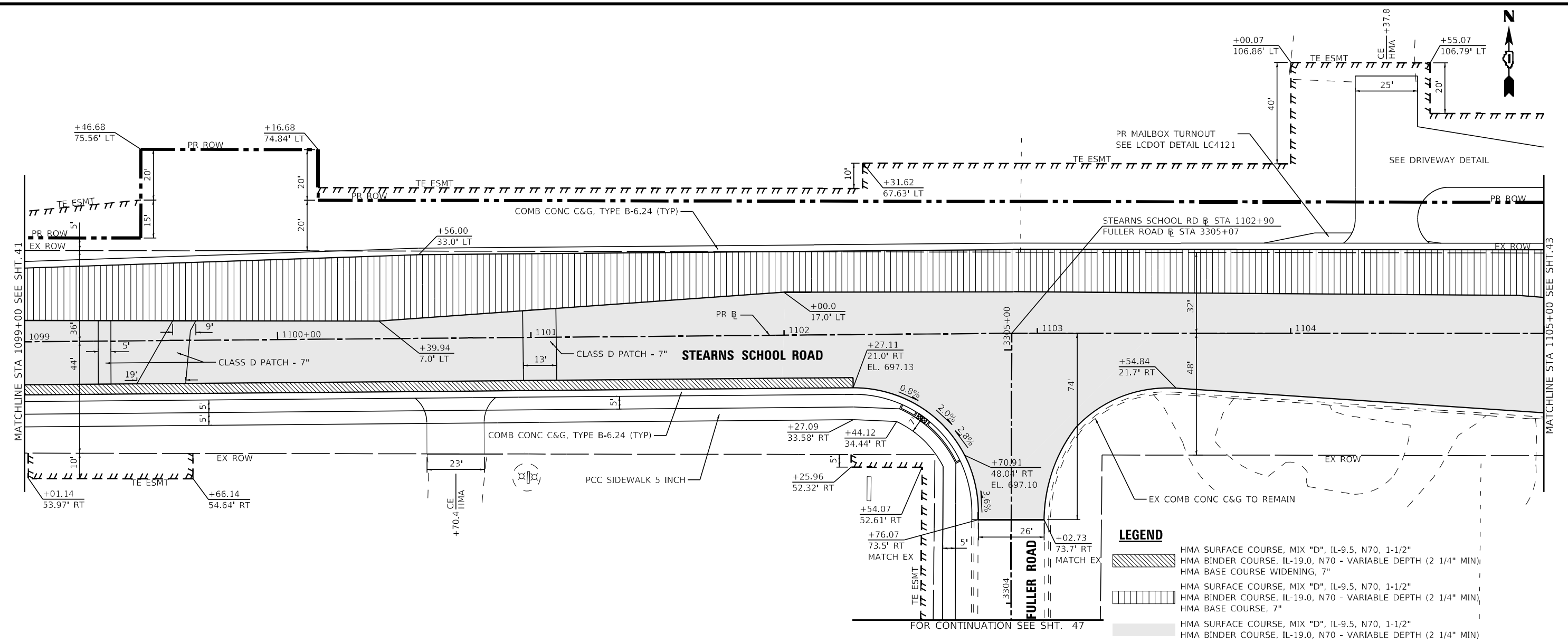


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

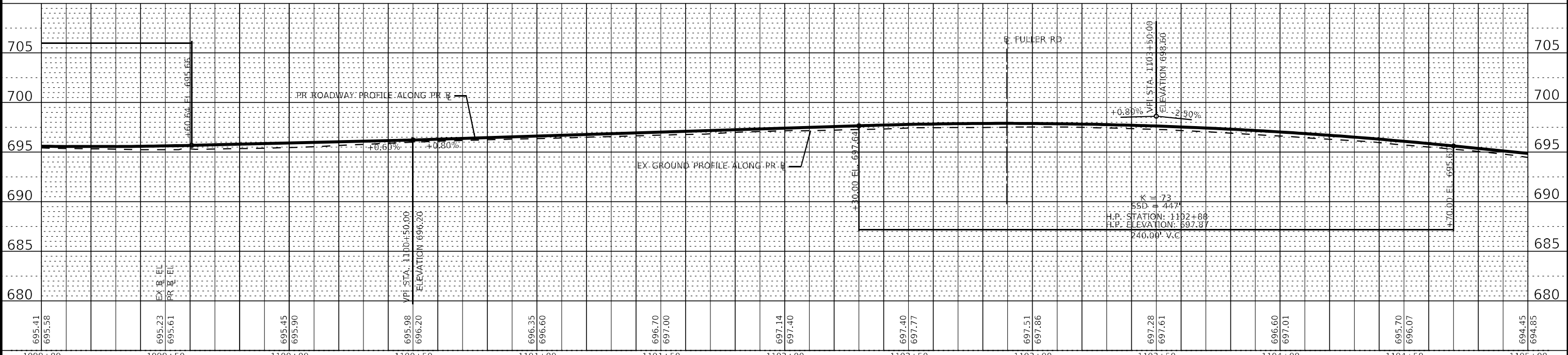
**PLAN AND PROFILE
STEARNS SCHOOL ROAD**

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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LEGEND

	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
	HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
	HMA BASE COURSE WIDENING, 7"
	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
	HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
	HMA BASE COURSE, 7"
	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
	HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

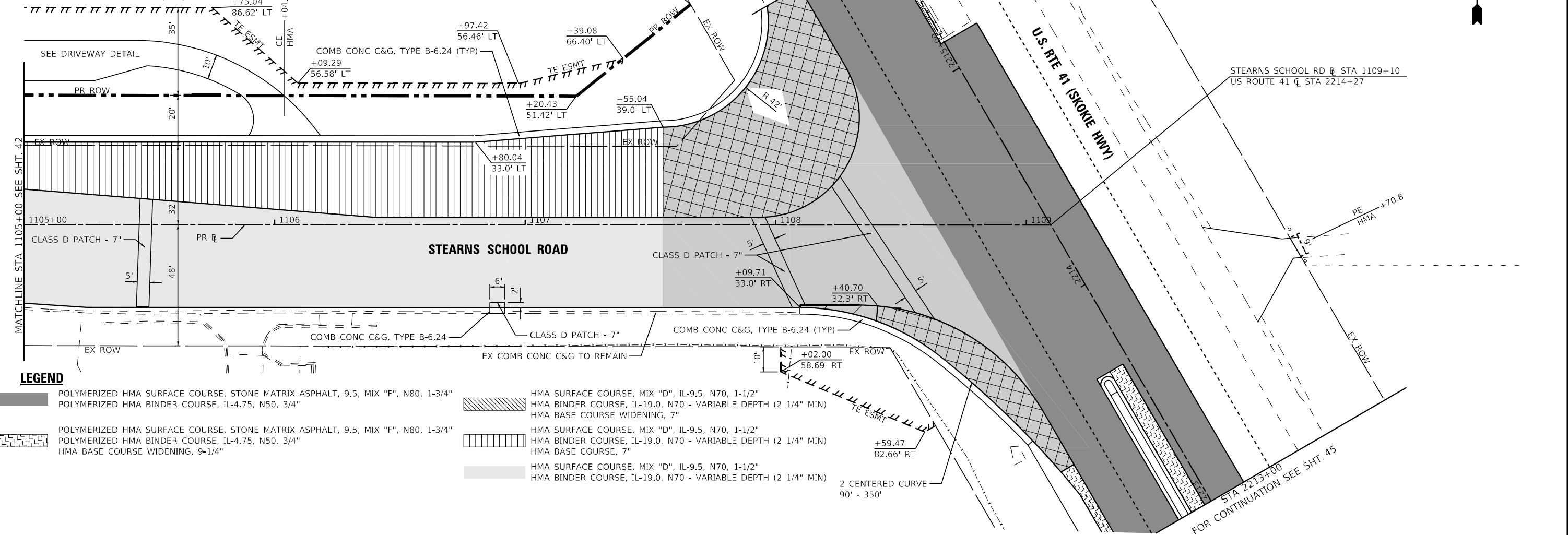
PLAN AND PROFILE
 STEARNS SCHOOL ROAD

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

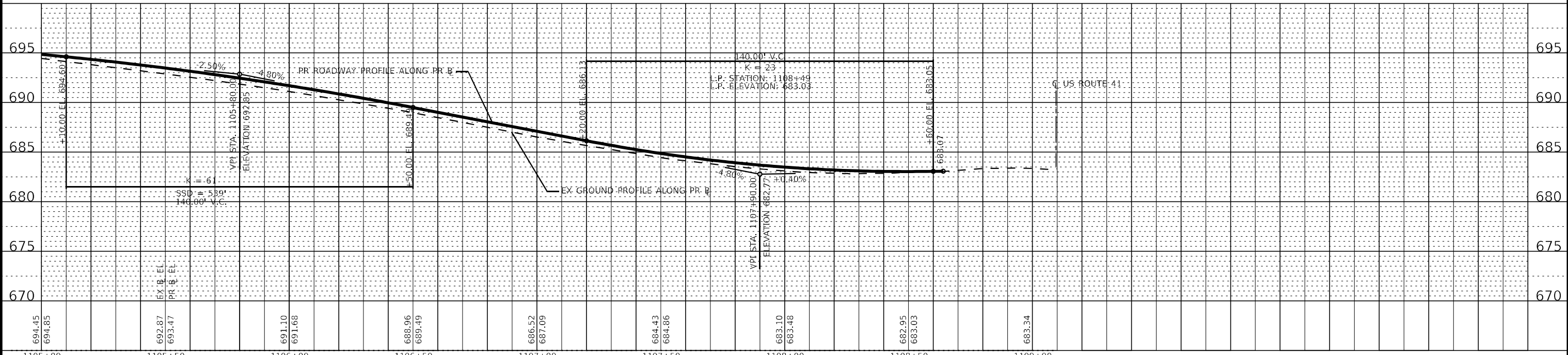
F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 42
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSP-9AR(773)	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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- POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
HMA BASE COURSE, 9-1/4"
- POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
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HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
PCC BASE COURSE, 9-1/2"



- LEGEND**
- POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
 - POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
HMA BASE COURSE WIDENING, 9-1/4"
 - HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
HMA BASE COURSE WIDENING, 7"
 - HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
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 - HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)



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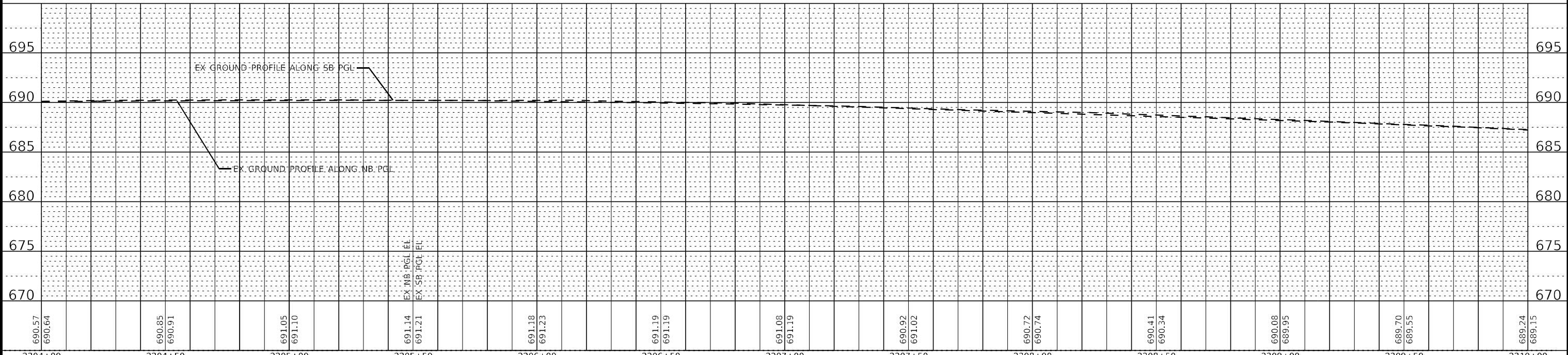
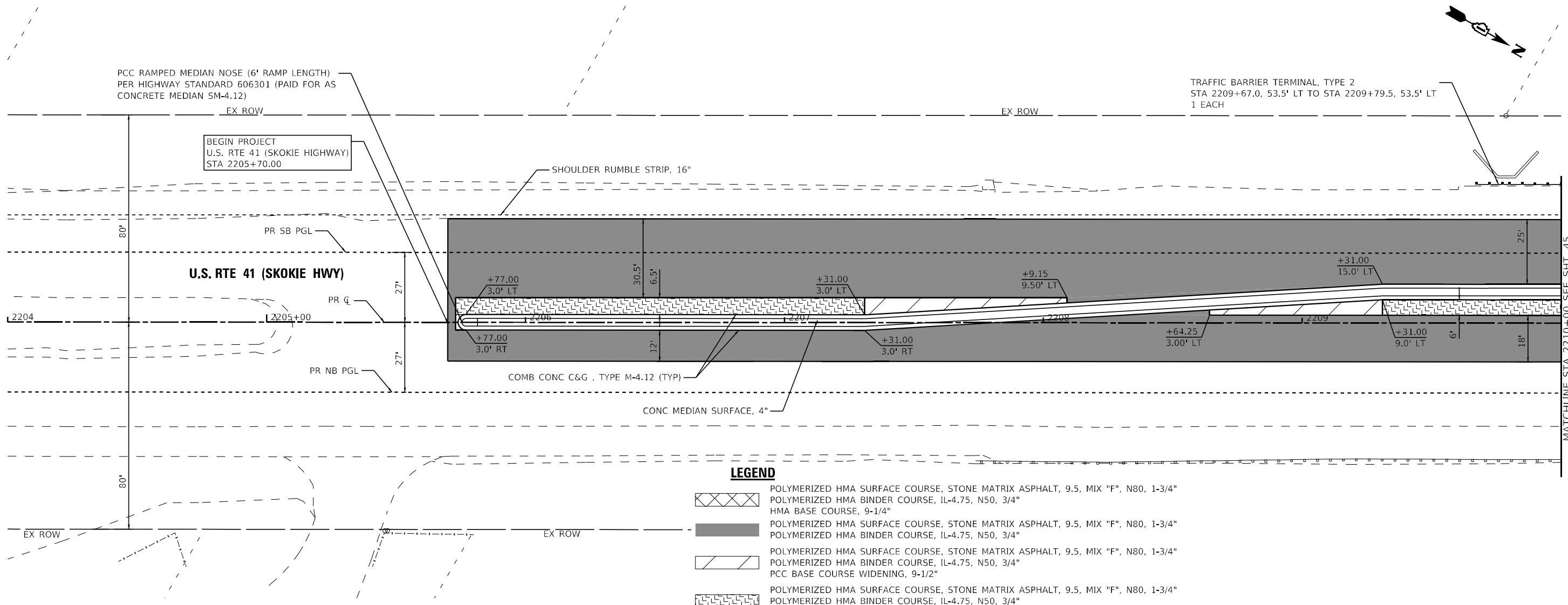
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
STEARNS SCHOOL ROAD**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 43
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-94R(73)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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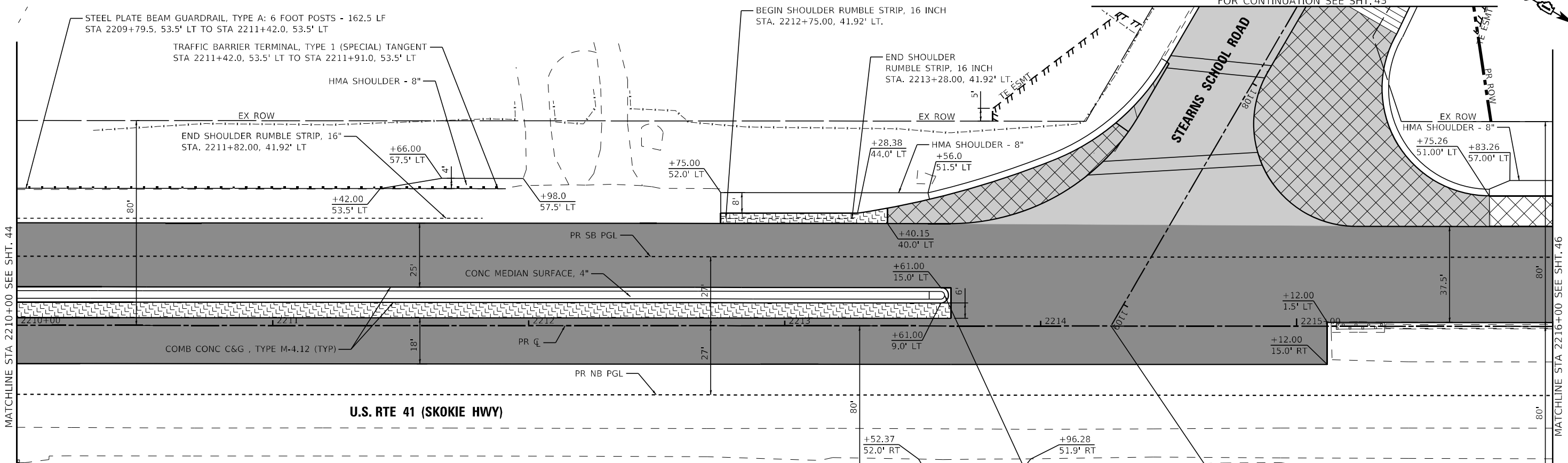
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE	
U.S. RTE 41 (SKOKIE HIGHWAY)	
SCALE: 1"=20'	SHEET 2 OF 4 SHEETS
STA.	TO STA.

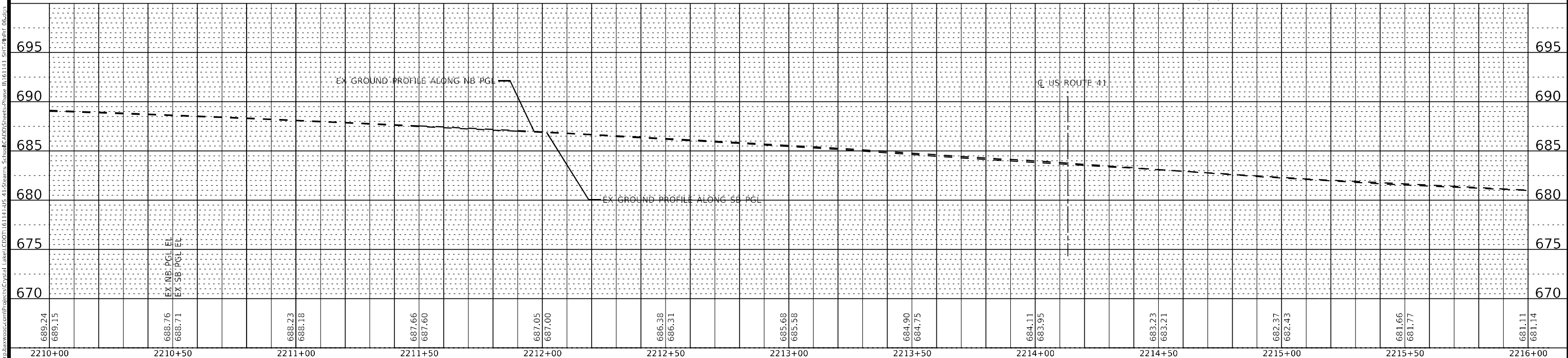
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	44
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

STA 1107+65
FOR CONTINUATION SEE SHT. 43



- LEGEND**
- POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
 - POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
 - HMA BASE COURSE, 9-1/4"
 - POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
 - POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
 - PCC BASE COURSE WIDENING, 9-1/2"
 - POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
 - POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
 - HMA BASE COURSE WIDENING, 9-1/4"

- POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
- HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
- HMA BASE COURSE, 9-1/4"
- POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
- HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
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- HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
- PCC BASE COURSE, 9-1/2"



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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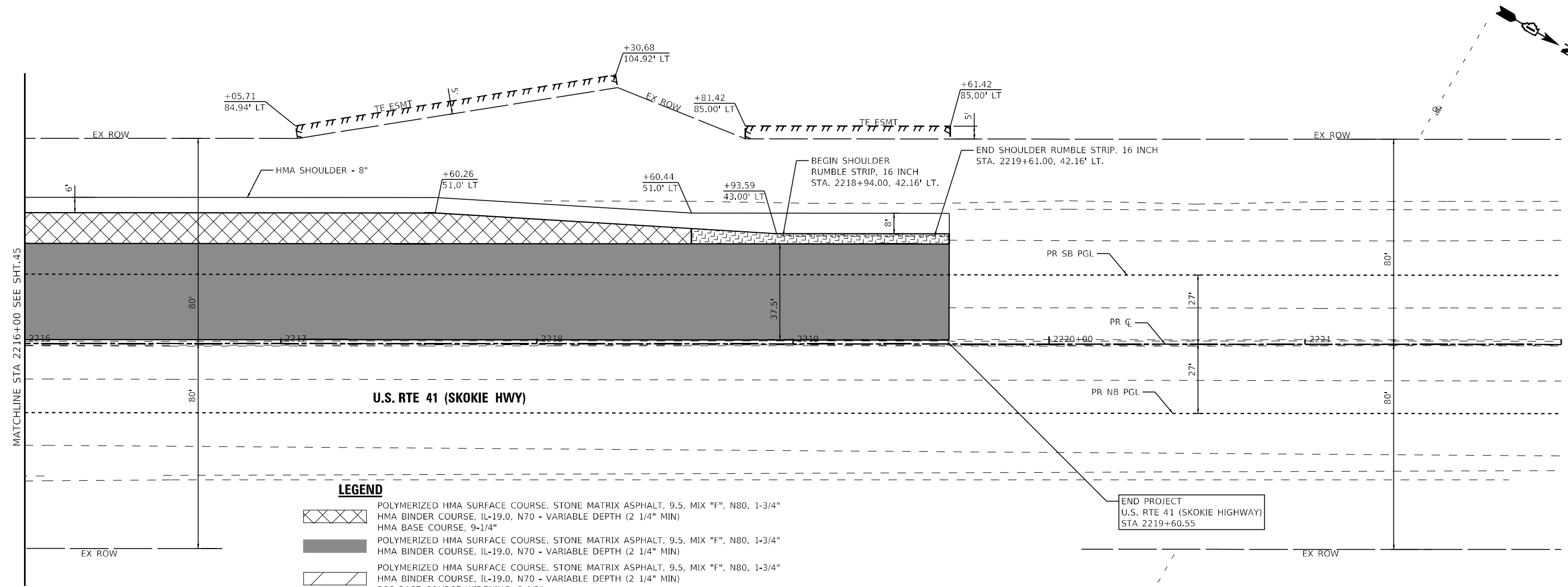
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE U.S. RTE 41 (SKOKIE HIGHWAY)	
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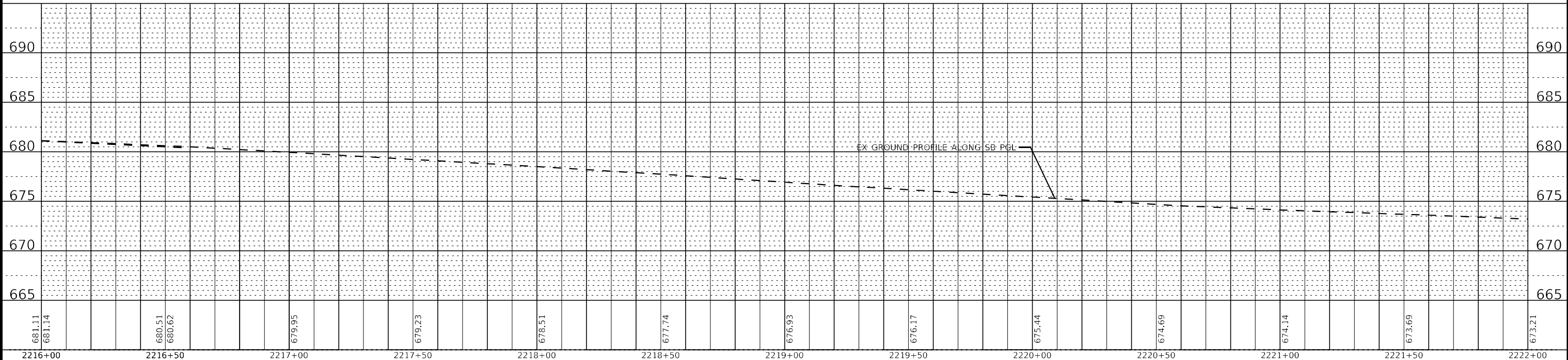
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CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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LEGEND

	POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
	HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
	HMA BASE COURSE, 9-1/4"
	POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
	HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
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	POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
	POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
	HMA BASE COURSE WIDENING, 9-1/4"



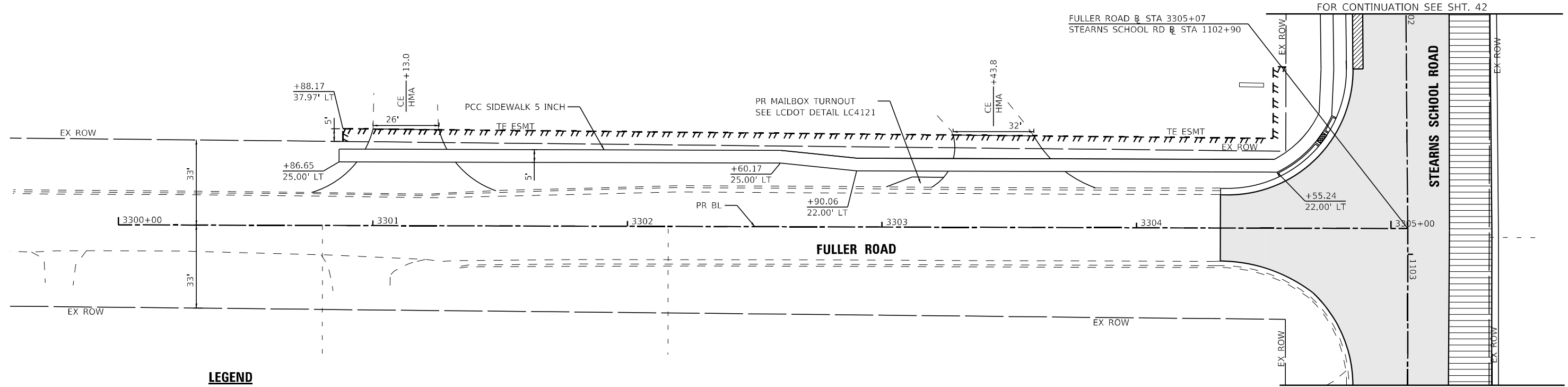
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	DATE - 12/6/2023	FILE - 161141_SHT-PlnPrf_07.dgn

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 U.S. RTE 41 (SKOKIE HIGHWAY)**

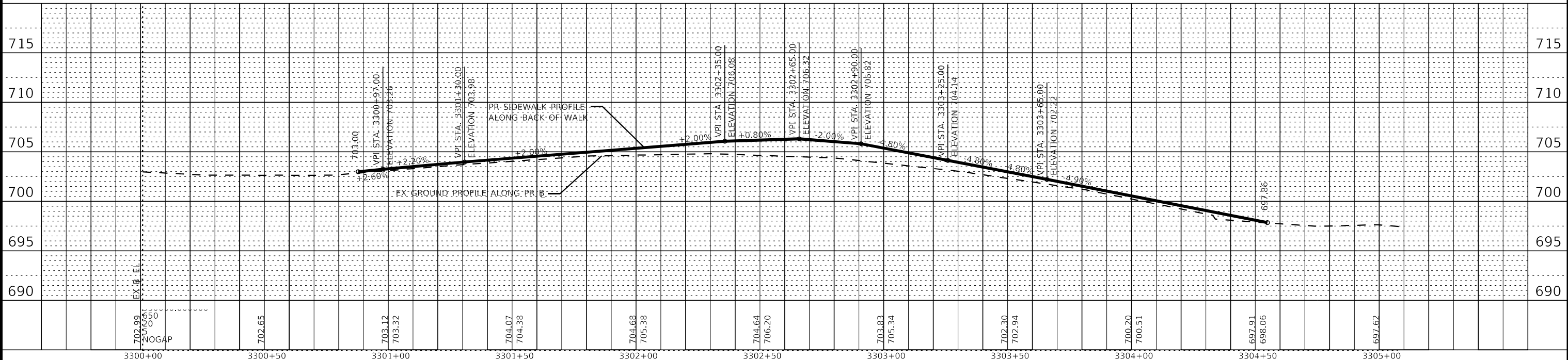
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	46
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(73)	



LEGEND

	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
	HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
	HMA BASE COURSE WIDENING, 7"
	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
	HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)
	HMA BASE COURSE, 7"
	HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1-1/2"
	HMA BINDER COURSE, IL-19.0, N70 - VARIABLE DEPTH (2 1/4" MIN)



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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 MORNING CONSULTANTS, INC.
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	DATE - 12/6/2023	FILE - 1611141_SHT-PlnPrf_08.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE FULLER ROAD			
SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	47
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 22' CLEAR WIDTH ROADWAY IN EACH DIRECTION FOR TWO-WAY TRAFFIC FLOW. INGRESS AND EGRESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED AS SHOWN IN THE PLANS AND/OR AS DETERMINED BY THE ENGINEER.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
3. TYPE II BARRICADES, DRUMS AND VERTICAL PANELS SHALL BE PLACED AT 50' INTERVALS ALONG THE PROPOSED WORK ZONE AND 20' INTERVALS WITHIN TAPERED SECTIONS AND 10' INTERVALS WITHIN CURVES/ RADII, OR AS DETERMINED BY THE ENGINEER.
4. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DETERMINED BY THE ENGINEER. SUFFICIENT QUANTITIES TO RE-STRIPE EACH STAGE TWO TIMES HAVE BEEN PROVIDED. ALL MARKINGS REQUIRING REPLACEMENT AFTER THE SECOND PLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
5. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
6. THE CLOSURE OF ONE THRU TRAFFIC LANE FOR ANY REASONS SHALL BE RESTRICTED TO THE ALLOWABLE HOURS SPECIFIED IN THE DISTRICT 1 SPECIAL PROVISION KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURES ONLY).
7. ALL DRIVEWAYS SHALL BE OPEN TO TRAFFIC DURING CONSTRUCTION.
8. SIDEWALK CLOSURES SHALL BE PERFORMED USING STANDARD 701801.
9. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT OF TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
10. ALL FLAGGERS REQUIRED FOR MAINTENANCE OF TRAFFIC, INCLUDING ANY FLAGGERS NEEDED TO MAINTAIN TRAFFIC FOR SIDE STREETS AND COMMERCIAL DRIVEWAYS, SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
11. AGGREGATE SURFACE WILL NOT BE ALLOWED FOR MAINTAINING MAINLINE TRAFFIC. PATCHING OPERATIONS SHALL BE STAGED SO THAT PATCHING IS COMPLETED ON THE SAME DAY AS PAVEMENT REMOVAL.
12. ALL SAW CUTS REQUIRED FOR PATCHING AND REMOVAL ITEMS, INCLUDING PARTIAL REMOVAL NECESSARY FOR STAGED CONSTRUCTION, SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PATCHING OR REMOVAL ITEM.
13. RELOCATION OF EXISTING MAILBOXES AS NEEDED FOR CONSTRUCTION STAGING SHALL BE INCLUDED IN THE COST OF THE PAY ITEM FOR RELOCATE EXISTING MAILBOX. RELOCATION WILL ONLY BE PAID FOR ONCE PER A MAILBOX REGARDLESS OF THE NUMBER OF TIMES THE MAILBOX IS MOVED.
14. ALL HOLES SHALL BE FILLED OR STEEL PLATED AT THE END OF EACH DAY. THE COST OF THIS WORK SHALL BE INCLUDED IN TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
15. THE CONTRACTOR SHALL SUBMIT A PREPLANNED SEQUENCE OF WORK PRIOR TO THE START OF WORK FOR REVIEW AND APPROVAL. NO WORK SHALL COMMENCE UNTIL PREPLANNED SEQUENCE OF WORK HAS BEEN APPROVED BY COUNTY. WORK SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO BUSINESSES AND TO MAINTAIN A REASONABLE LEVEL OF CONSTRUCTION EFFICIENCY. THE COUNTY AND/OR ENGINEER RESERVES THE RIGHT TO RESTRICT WORK IN ANY SEGMENT IF CONSTRUCTION OPERATIONS ON A PREVIOUS SEGMENT ARE UNACCEPTABLE; TRAFFIC CONTROL OPERATIONS BECAME UNACCEPTABLE; OR AN EROSION CONTROL DEFICIENCY EXISTS.
16. THE ENGINEER SHALL BE NOTIFIED OF ANY CHANGES TO CONSTRUCTION STAGING. ALL CHANGES TO CONSTRUCTION STAGING MUST BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
17. THE CONTRACTOR WILL BE REQUIRED TO ATTEND WEEKLY PROGRESS MEETINGS WITH THE COUNTY AND ENGINEER TO PROVIDE THE ENGINEER AND COUNTY WEEKLY UPDATES ON THE PROPOSED WORK SCHEDULE AND UPCOMING SEQUENCE OF CONSTRUCTION ACTIVITIES. THE WORK SCHEDULE AND SEQUENCE OF WORK WILL REQUIRE APPROVAL OF THE COUNTY AND COORDINATION WITH IMPACTED PROPERTY OWNERS.
18. THE COST OF ADDITIONAL DEPLOYMENTS, SETUPS, AND/OR MOBILIZATIONS NEEDED FOR STAGED CONSTRUCTION SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
20. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN TEMPORARY MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.

MAINTENANCE OF TRAFFIC SEQUENCE OF CONSTRUCTION

PRESTAGE

1. MAINTAIN TWO-WAY TRAFFIC ON STEARNS SCHOOL ROAD AND US ROUTE 41.
2. INSTALL TEMPORARY TRAFFIC SIGNAL AT STEARNS SCHOOL ROAD AND US ROUTE 41. REMOVE SPECIFIED TRAFFIC CONTROL EQUIPMENT.
3. THE FOLLOWING SHALL BE PERFORMED USING STANDARD 701006 AND 701106 FOR OFF-ROAD OPERATIONS AND STANDARD 701501 AND 701421 FOR DAY TIME LANE CLOSURES AS NEEDED.
 - A. UTILITY ADJUSTMENTS.
 - B. USING STANDARD 701501 AND 701502 ALONG STEARNS SCHOOL ROAD AND STANDARD 701421 ALONG US ROUTE 41 MILL THE EXISTING HMA SURFACE DURING ALLOWABLE HOURS.
 - C. REMOVE CONFLICTING RUMBLE STRIPS ON US ROUTE 41.

STAGE 1A

1. ESTABLISH TWO-WAY TRAFFIC ON STEARNS SCHOOL ROAD AND US ROUTE 41 AS SHOWN IN THE PLANS.
2. ADJUST TEMPORARY TRAFFIC SIGNALS APPROPRIATELY.
3. REMOVE EXISTING PAVED SHOULDER AND CURB AND GUTTER ALONG THE SOUTHWEST CORNER OF STEARNS SCHOOL ROAD AND US ROUTE 41.
4. COMPLETE PAVEMENT, CURB AND GUTTER, RUMBLE STRIPS, AND PAVED SHOULDER CONSTRUCTION ALONG THE SOUTHWEST CORNER OF STEARNS SCHOOL ROAD AND US ROUTE 41 AS SHOWN ON THE PLANS.

STAGE 1B

1. ESTABLISH TWO-WAY TRAFFIC ON STEARNS SCHOOL ROAD AND US ROUTE 41 AS SHOWN IN THE PLANS.
2. ADJUST TEMPORARY TRAFFIC SIGNALS APPROPRIATELY.
3. REMOVE EXISTING PAVED SHOULDER ALONG THE NORTHWEST CORNER OF US ROUTE 41 AND STEARNS SCHOOL ROAD AND THE WEST SIDE OF THE NORTH LEG OF US ROUTE 41.
4. COMPLETE CONSTRUCTION OF PAVEMENT, RUMBLE STRIPS, CURB AND GUTTER, AND PAVED SHOULDER ALONG THE NORTHWEST CORNER OF STEARNS SCHOOL ROAD AND US 41 AS SHOWN ON THE PLANS.
5. COMPLETE CONSTRUCTION OF PAVEMENT AND PAVED SHOULDER ALONG THE WEST SIDE OF THE NORTH LEG OF US ROUTE 41 AS SHOWN ON THE PLANS.
6. PLACE PERMANENT SEEDING ALONG THE WEST SIDE OF THE NORTH LEG OF US ROUTE 41.

MAINTENANCE OF TRAFFIC SEQUENCE OF CONSTRUCTION

STAGE 2

1. ESTABLISH TWO-WAY TRAFFIC ON STEARNS SCHOOL ROAD AND US ROUTE 41 AS SHOWN IN THE PLANS.
2. ADJUST TEMPORARY TRAFFIC SIGNALS APPROPRIATELY.
3. CONSTRUCT NEW STORM SEWER, PAVEMENT, AND CURB AND GUTTER ON THE NORTH SIDE OF STEARNS SCHOOL ROAD AS SHOWN IN THE PLANS.
4. PLACE PERMANENT SEEDING ON THE NORTH SIDE OF STEARNS SCHOOL ROAD.

STAGE 3

1. ESTABLISH TWO-WAY TRAFFIC ON STEARNS SCHOOL ROAD AND US ROUTE 41 AS SHOWN IN THE PLANS.
2. ADJUST TEMPORARY TRAFFIC SIGNALS APPROPRIATELY.
3. CONSTRUCT NEW STORM SEWER, PAVEMENT, CURB AND GUTTER, AND SIDEWALK ON THE SOUTH SIDE OF STEARNS SCHOOL ROAD AS SHOWN IN THE PLANS.
4. INSTALL SIDEWALK ALONG THE WEST SIDE OF FULLER ROAD AS SHOWN IN THE PLANS.
5. CONSTRUCT NEW STORM SEWER, PAVEMENT, CURB AND GUTTER, AND MEDIAN ON US ROUTE 41 AS SHOWN IN THE PLANS.
6. PLACE PERMANENT SEEDING ON THE SOUTH SIDE OF STEARNS SCHOOL ROAD AND THE WEST SIDE OF FULLER ROAD.

STAGE 4

1. USING STANDARD 701502, 701606, AND 701701 ALONG STEARNS SCHOOL ROAD AND STANDARD 701421 ALONG US ROUTE 41 INSTALL HMA SURFACE DURING ALLOWABLE HOURS.
2. INSTALL PERMANENT TRAFFIC SIGNALS.
3. PLACE PERMANENT PAVEMENT MARKINGS.
4. OPEN ROADWAY TO PROPOSED TRAFFIC FLOW AS SHOWN IN THE PLANS.
5. COMPLETE PERMANENT SEEDING AND LANDSCAPING.

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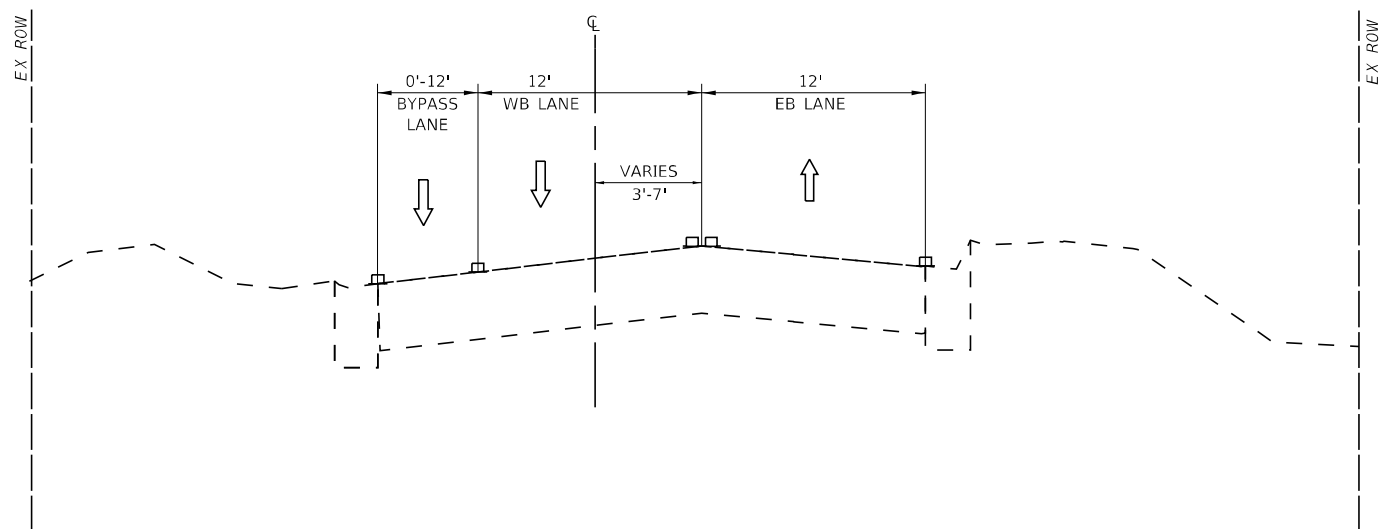
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DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
SEQUENCE OF CONSTRUCTION AND GENERAL NOTES**

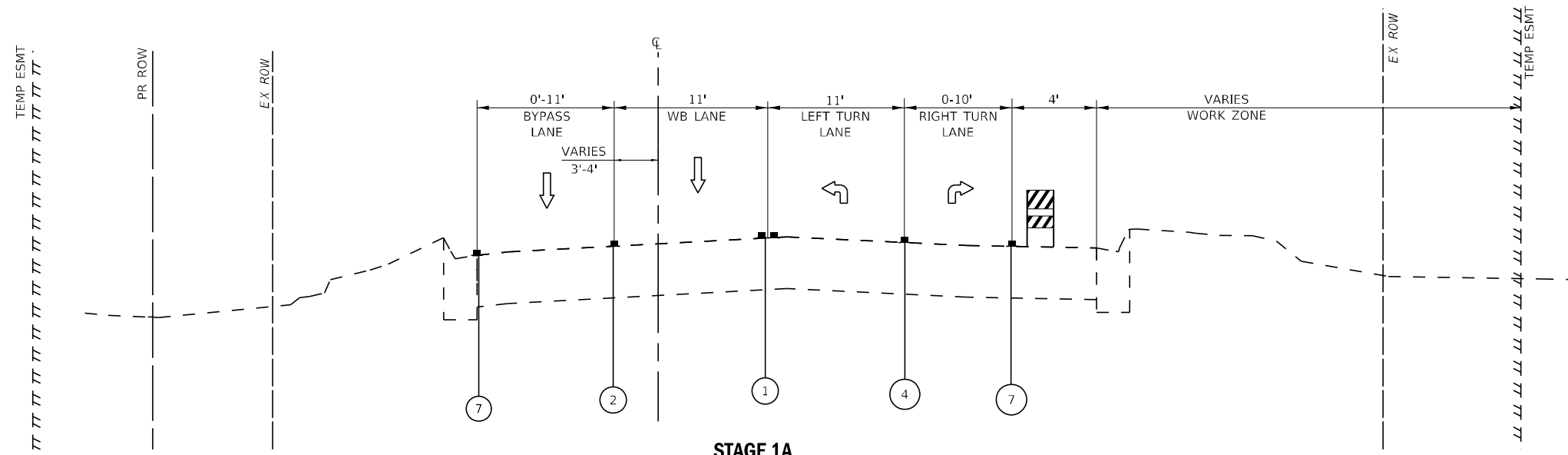
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	48
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(73)	

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










STAGE 1A
STEARNS SCHOOL ROAD
 STA 1094+34 TO STA 1102+90



STAGE 1A
STEARNS SCHOOL ROAD
 STA 1102+90 TO STA 1108+64

LEGEND

-  EXISTING PAVEMENT MARKINGS
-  TEMPORARY PAVEMENT MARKINGS
-  TYPE II BARRICADE OR DRUM
-  DIRECTION OF TRAVEL
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
-  TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
-  TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
-  TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
-  TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS- TYPE IV TAPE (SOLID WHITE)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
-  TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)



USER NAME = morrig	DESIGNED - SAM	REVISED -
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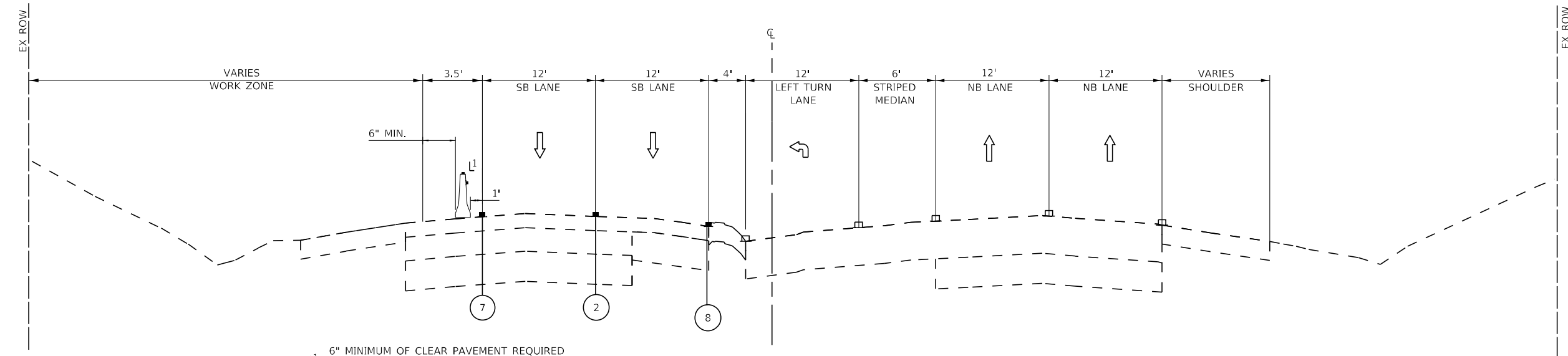
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DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
STEARNS SCHOOL ROAD - STAGE 1A

SCALE: SHEET 2 OF 17 SHEETS STA. TO STA.

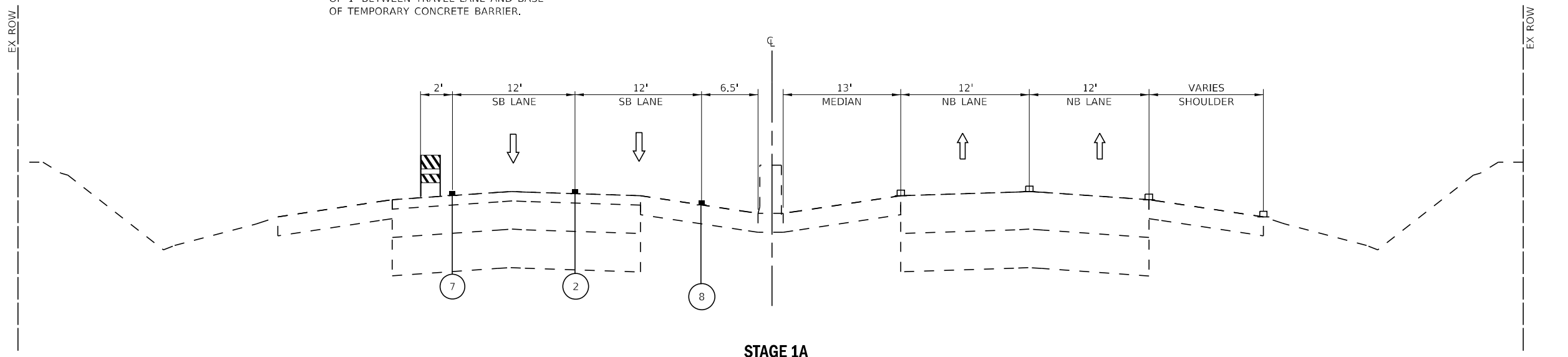
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6" MINIMUM OF CLEAR PAVEMENT REQUIRED BEHIND TRAFFIC SIDE PINNED WALL.
 TEMPORARY CONCRETE BARRIER BEGINS AT STA. 2212+76. PINNED FROM STA. 2212+76 TO STA. 2213+51.
 THERE SHALL BE A MINIMUM CLEARANCE OF 1' BETWEEN TRAVEL LANE AND BASE OF TEMPORARY CONCRETE BARRIER.

STAGE 1A
US ROUTE 41 (SKOKIE HWY)
 STA 2205+70 TO STA 2214+27



STAGE 1A
US ROUTE 41 (SKOKIE HWY)
 STA 2214+27 TO STA 2219+61

LEGEND

- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- ▨ TYPE II BARRICADE OR DRUM
- ↑ DIRECTION OF TRAVEL
- 🚧 TEMPORARY CONCRETE BARRIER W/TYPE C MONO-DIRECTIONAL CRYSTAL MARKERS
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS- TYPE IV TAPE (SOLID WHITE)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (YELLOW)
- ⑨ TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)

BAXTER & WOODMAN CONSULTANTS	USER NAME = morning	DESIGNED - SAM	REVISED -
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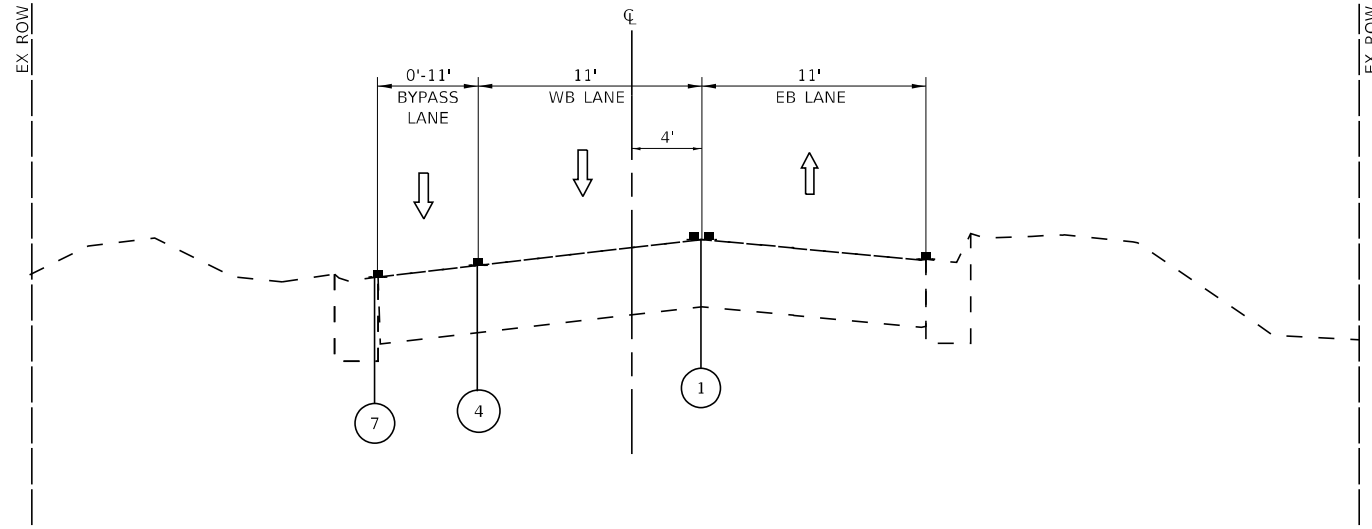
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MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A

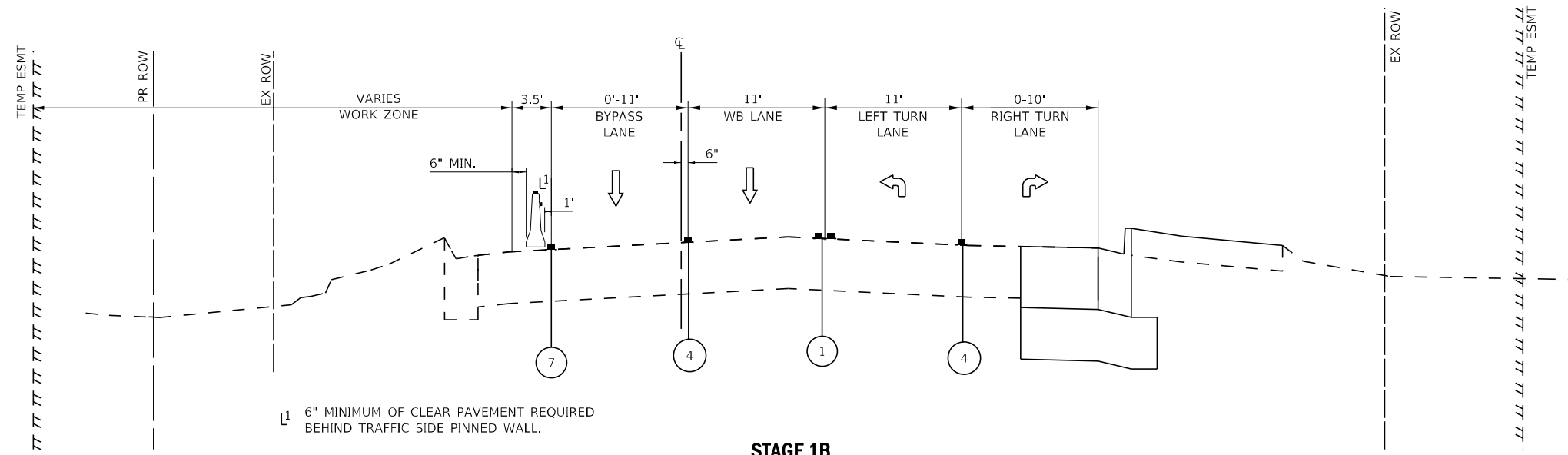
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CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

SCALE: SHEET 3 OF 17 SHEETS STA. TO STA.

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STAGE 1B
STEARNS SCHOOL ROAD
 STA 1094+34 TO STA 1102+90



6" MINIMUM OF CLEAR PAVEMENT REQUIRED BEHIND TRAFFIC SIDE PINNED WALL.

TEMPORARY CONCRETE BARRIER BEGINS AT STA. 1106+71. PINNED FROM STA. 1106+71 TO STA. 1107+71.

THERE SHALL BE A MINIMUM CLEARANCE OF 1' BETWEEN TRAVEL LANE AND BASE OF TEMPORARY CONCRETE BARRIER.

STAGE 1B
STEARNS SCHOOL ROAD
 STA 1102+90 TO STA 1108+64

LEGEND

- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- ▨ TYPE II BARRICADE OR DRUM
- ↑ DIRECTION OF TRAVEL
- 🚧 TEMPORARY CONCRETE BARRIER W/TYPE C MONO-DIRECTIONAL CRYSTAL MARKERS

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS- TYPE IV TAPE (SOLID WHITE)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (YELLOW)
- ⑨ TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)



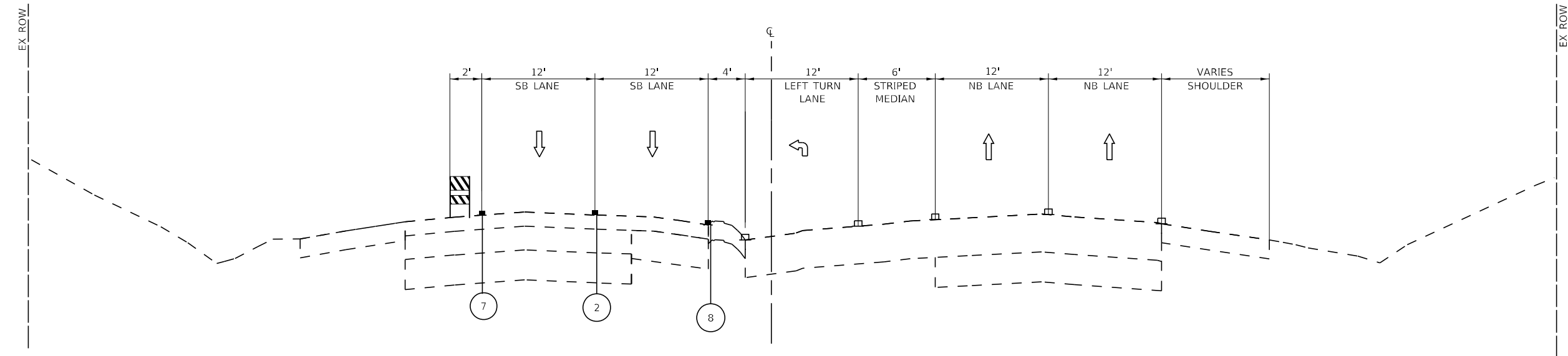
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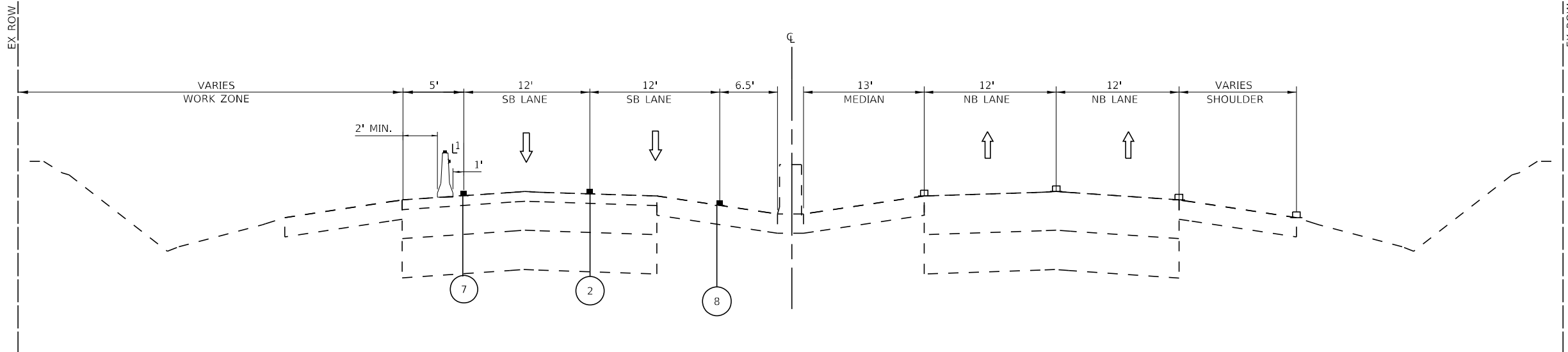
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STEARNS SCHOOL ROAD - STAGE 1B	
SCALE:	SHEET 4 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	51
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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STAGE 1B
US ROUTE 41 (SKOKIE HWY)
 STA 2205+70 TO STA 2214+27



STAGE 1B
US ROUTE 41 (SKOKIE HWY)
 STA 2214+27 TO STA 2219+61

1 THERE SHALL BE A MINIMUM CLEARANCE OF 1' BETWEEN TRAVEL LANE AND BASE OF TEMPORARY CONCRETE BARRIER.

LEGEND

- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- TYPE II BARRICADE OR DRUM
- DIRECTION OF TRAVEL
- TEMPORARY CONCRETE BARRIER W/TYPE C MONO-DIRECTIONAL CRYSTAL MARKERS

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS- TYPE IV TAPE (SOLID WHITE)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (YELLOW)
- ⑨ TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)



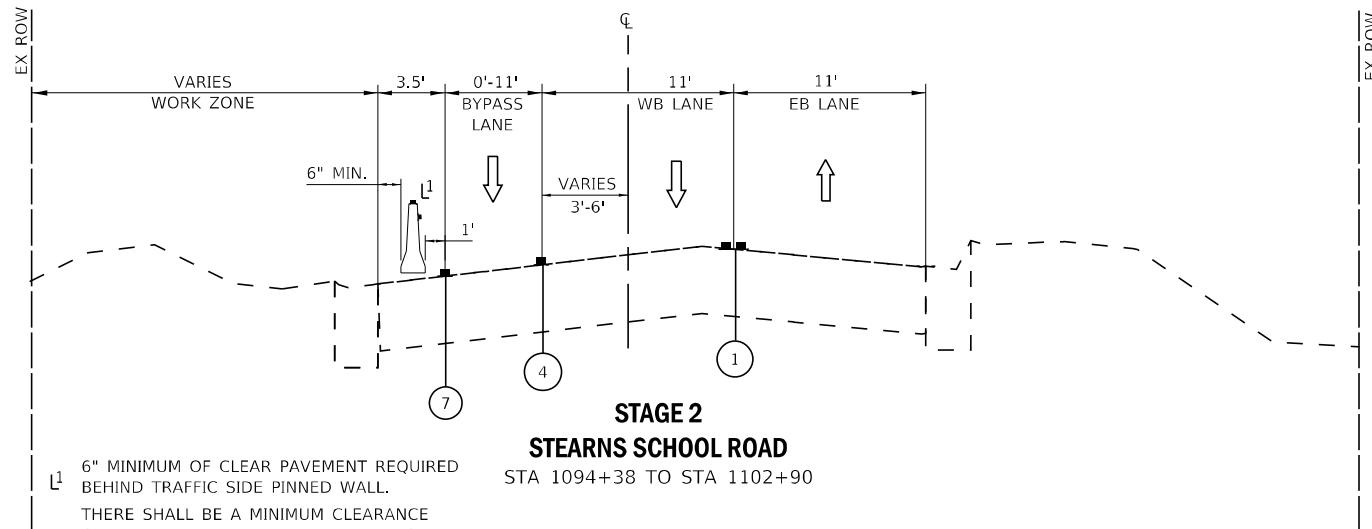
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DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1B	
SCALE:	SHEET 5 OF 17 SHEETS STA. TO STA.

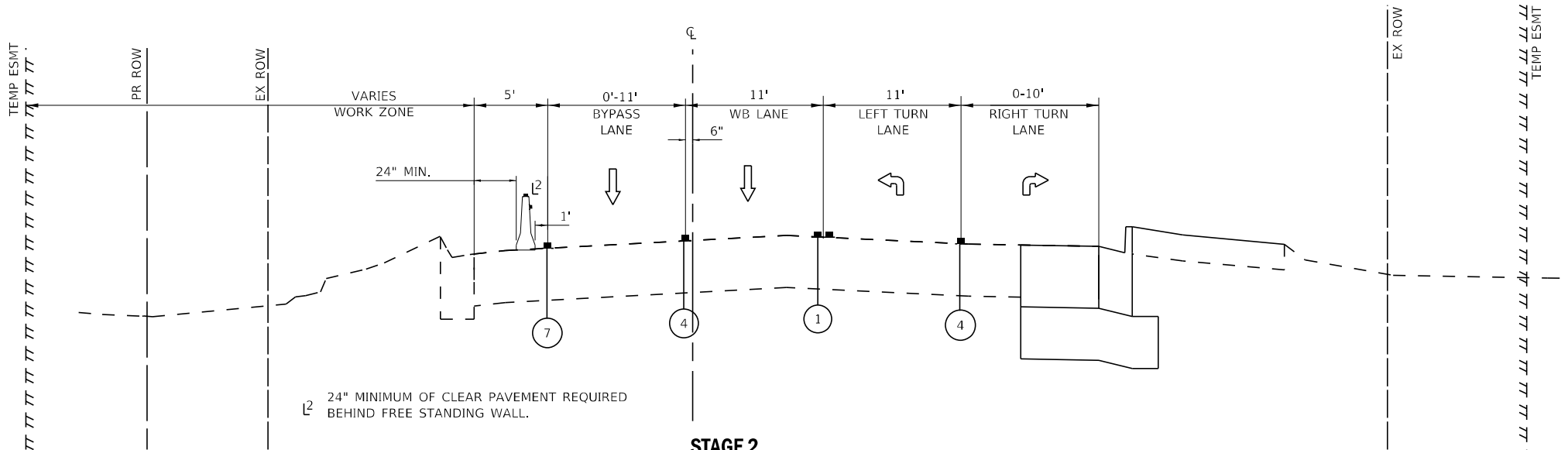
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ILLINOIS FED. AID PROJECT HSIP-9ARG(773)			CONTRACT NO. 62W53	

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STAGE 2
STEARNS SCHOOL ROAD
 STA 1094+38 TO STA 1102+90

6" MINIMUM OF CLEAR PAVEMENT REQUIRED BEHIND TRAFFIC SIDE PINNED WALL.
 THERE SHALL BE A MINIMUM CLEARANCE OF 1' BETWEEN TRAVEL LANE AND BASE OF TEMPORARY CONCRETE BARRIER.
 TEMPORARY CONCRETE BARRIER BEGINS AT 1094+38. PINNED FROM 1094+38 TO 1097+50.5.



STAGE 2
STEARNS SCHOOL ROAD
 STA 1102+90 TO STA 1108+64

24" MINIMUM OF CLEAR PAVEMENT REQUIRED BEHIND FREE STANDING WALL.
 THERE SHALL BE A MINIMUM CLEARANCE OF 1' BETWEEN TRAVEL LANE AND BASE OF TEMPORARY CONCRETE BARRIER.

LEGEND

- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- ▨ TYPE II BARRICADE OR DRUM
- ↑ DIRECTION OF TRAVEL
- 🚧 TEMPORARY CONCRETE BARRIER W/TYPE C MONO-DIRECTIONAL CRYSTAL MARKERS
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS- TYPE IV TAPE (SOLID WHITE)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (YELLOW)
- ⑨ TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)



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DRAWN - MJO	REVISOR -	
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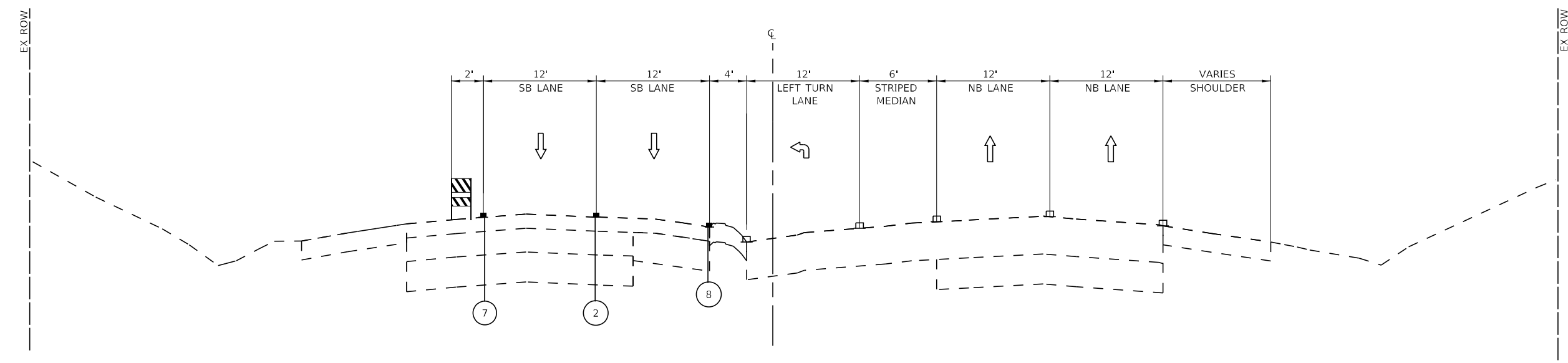
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MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
STEARNS SCHOOL ROAD - STAGE 2

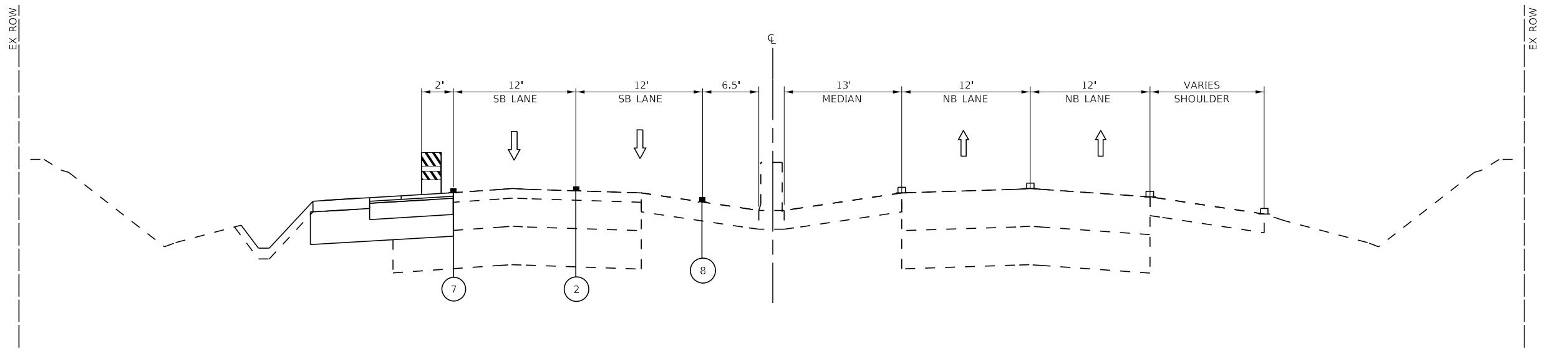
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CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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STAGE 2
US ROUTE 41 (SKOKIE HWY)
 STA 2205+70 TO STA 2214+27



STAGE 2
US ROUTE 41 (SKOKIE HWY)
 STA 2214+27 TO STA 2219+61

LEGEND

- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- ▩ TYPE II BARRICADE OR DRUM
- ↑ DIRECTION OF TRAVEL
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS- TYPE IV TAPE (SOLID WHITE)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE (YELLOW)
- ⑨ TEMPORARY PAVEMENT MARKING - LINE 12"- TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)



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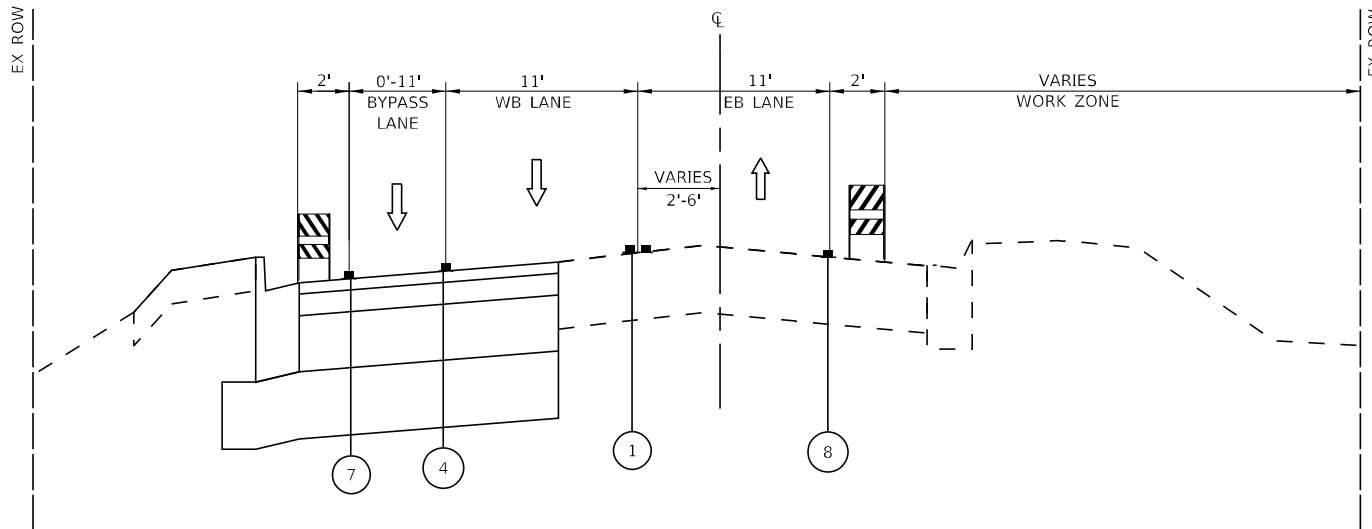
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MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 2

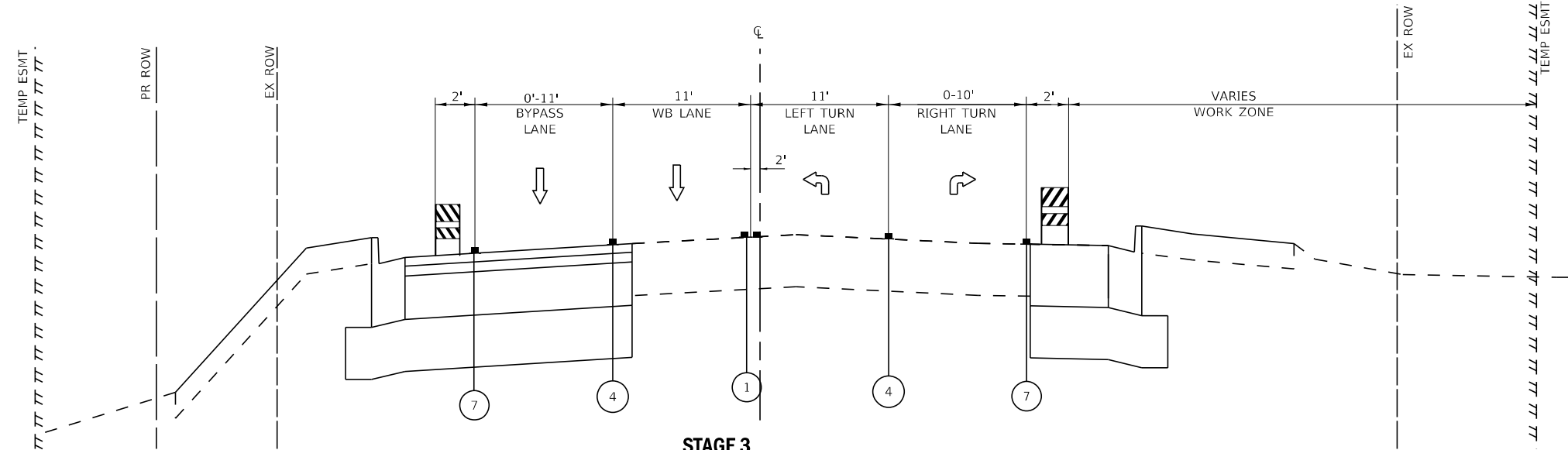
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			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

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STAGE 3
STEARNS SCHOOL ROAD
 STA 1094+38 TO STA 1102+90



STAGE 3
STEARNS SCHOOL ROAD
 STA 1102+90 TO STA 1108+64

LEGEND

- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- ▨ TYPE II BARRICADE OR DRUM
- ↑ DIRECTION OF TRAVEL
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS- TYPE IV TAPE (SOLID WHITE)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- ⑨ TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)



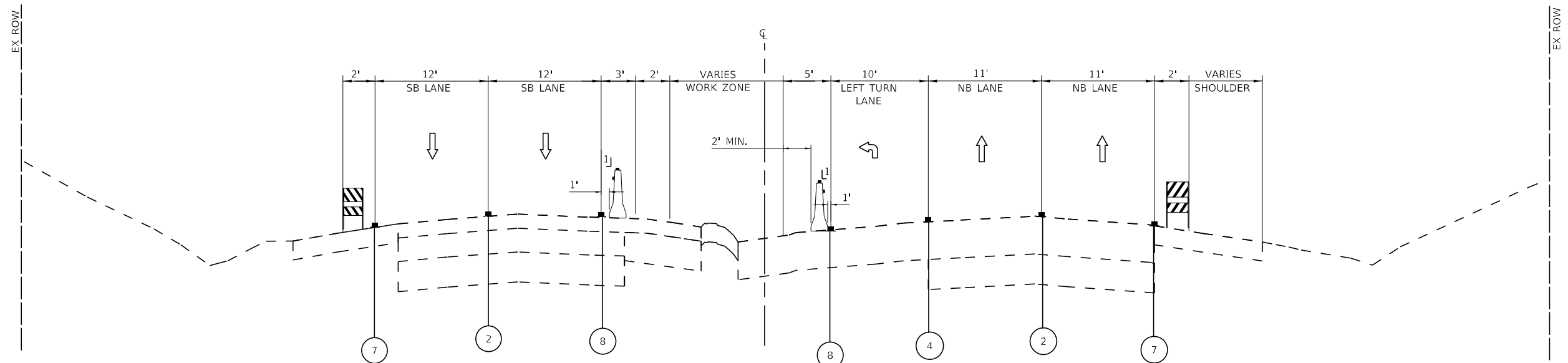
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	
STEARNS SCHOOL ROAD - STAGE 3	
SCALE:	SHEET 8 OF 17 SHEETS STA. TO STA.

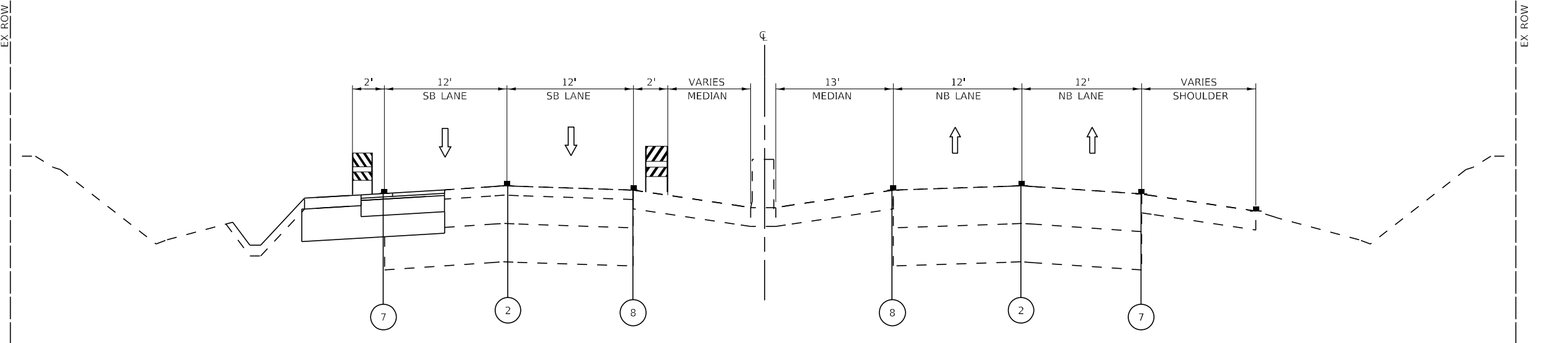
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	55
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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24" MINIMUM OF CLEAR PAVEMENT REQUIRED BEHIND FREE STANDING WALL.
 THERE SHALL BE A MINIMUM CLEARANCE OF 1' BETWEEN TRAVEL LANE AND BASE OF TEMPORARY CONCRETE BARRIER.

STAGE 3
US ROUTE 41 (SKOKIE HWY)
 STA 2205+70 TO STA 2214+27



STAGE 3
US ROUTE 41 (SKOKIE HWY)
 STA 2214+27 TO STA 2219+61

LEGEND

- EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS
- ▨ TYPE II BARRICADE OR DRUM
- ↑ DIRECTION OF TRAVEL
- 🚧 TEMPORARY CONCRETE BARRIER W/TYPE C MONO-DIRECTIONAL AMBER MARKERS
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS- TYPE IV TAPE (SOLID WHITE)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- ⑨ TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)



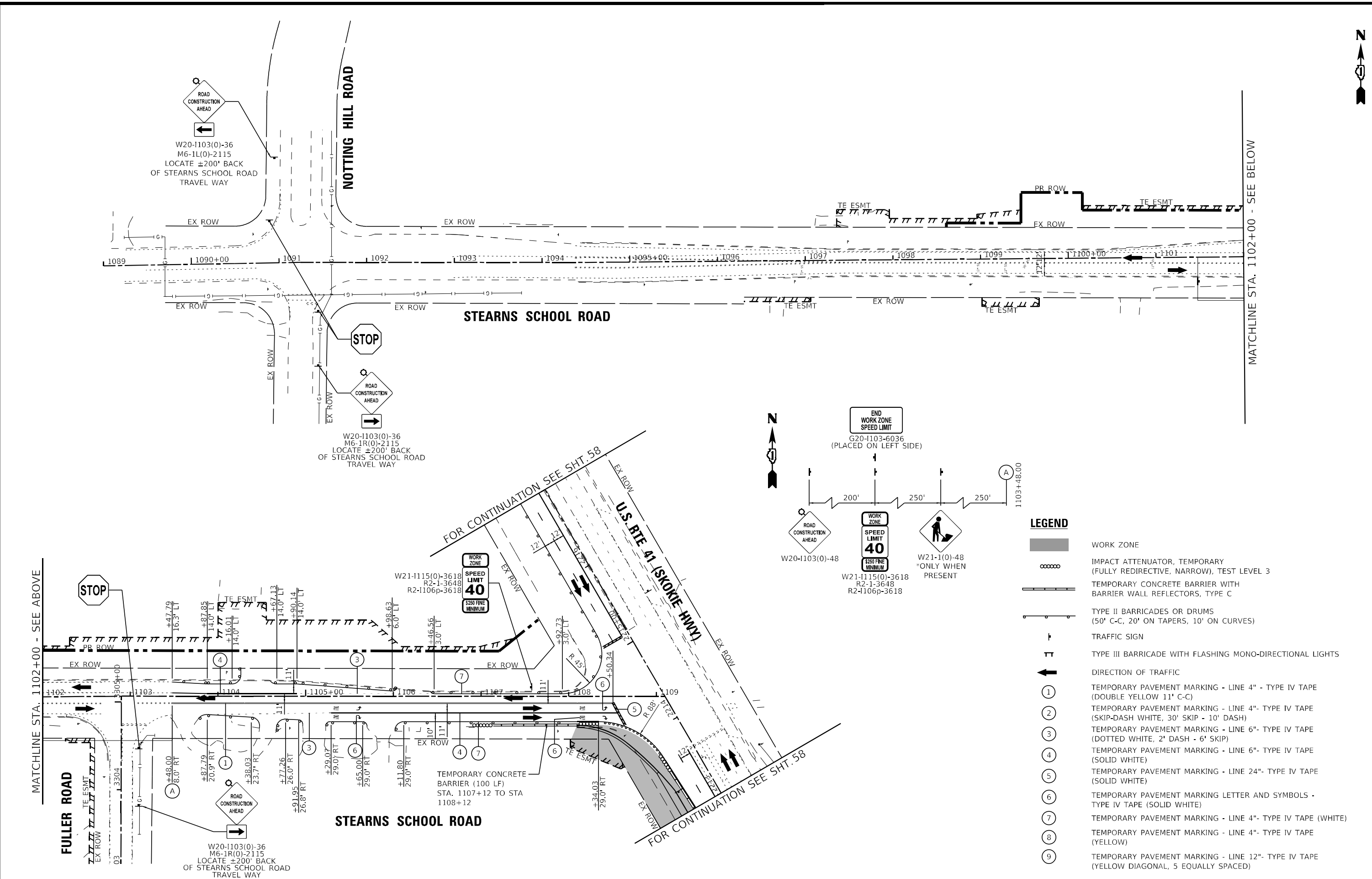
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 3	
SCALE:	SHEET 9 OF 17 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 56
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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BAXTER & WOODMAN CONSULTING ENGINEERS	USER NAME = mmrjg	DESIGNED - SAM	REVISED -
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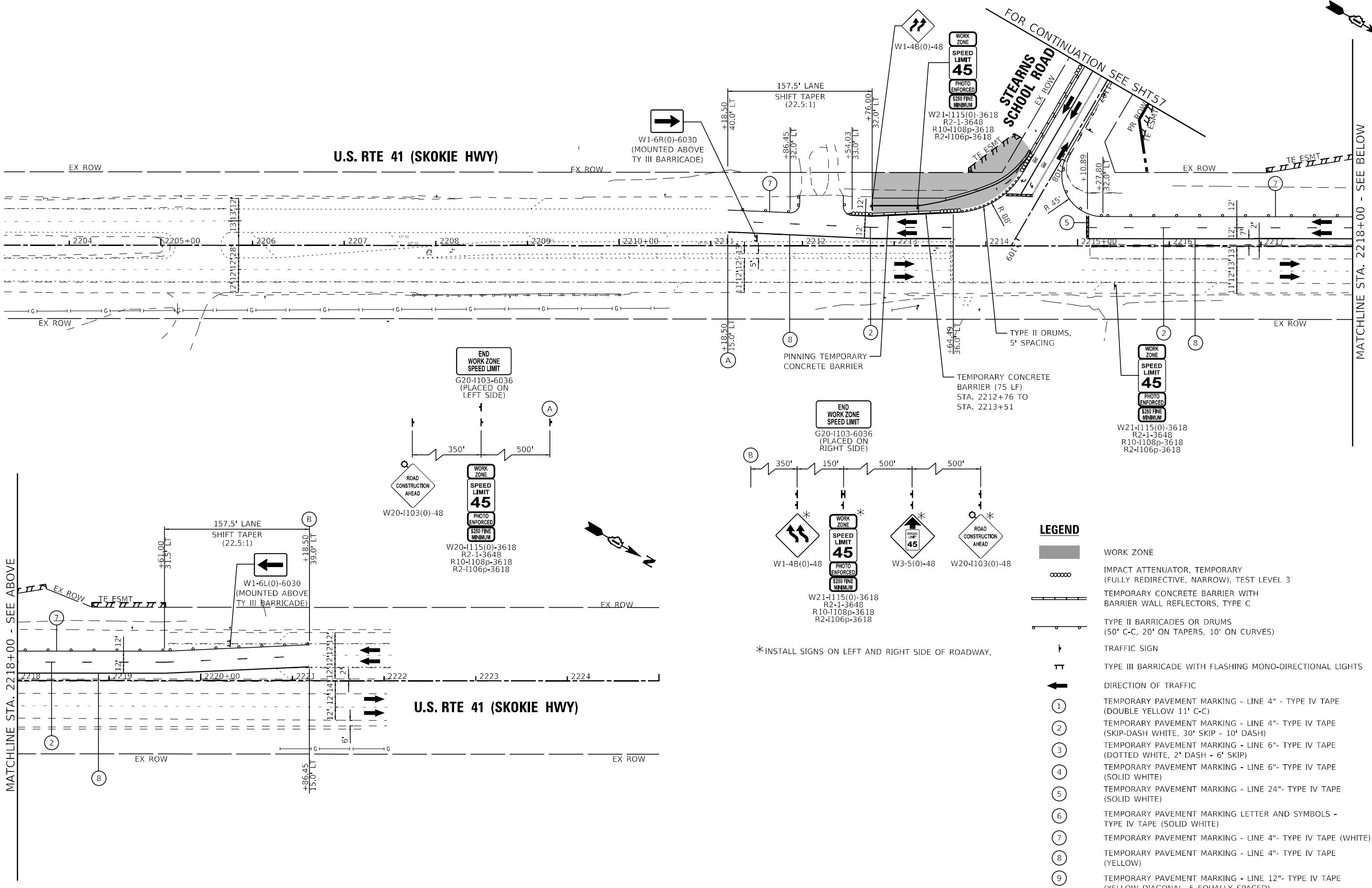
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STEARNS SCHOOL ROAD - STAGE 1A**

SCALE: 1"=50' SHEET 10 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	57
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				


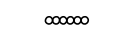


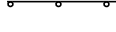



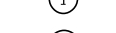







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MATCHLINE STA. 2218+00 - SEE BELOW

MATCHLINE STA. 2218+00 - SEE ABOVE

LEGEND

-  WORK ZONE
-  IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
-  TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C
-  TYPE II BARRICADES OR DRUMS (50' C-C, 20' ON TAPERS, 10' ON CURVES)
-  TRAFFIC SIGN
-  TYPE III BARRICADE WITH FLASHING MONO-DIRECTIONAL LIGHTS
-  DIRECTION OF TRAFFIC
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
-  TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
-  TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
-  TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
-  TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS - TYPE IV TAPE (SOLID WHITE)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
-  TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
-  TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)

*INSTALL SIGNS ON LEFT AND RIGHT SIDE OF ROADWAY.

BAXTER & WOODMAN CONSULTING ENGINEERS	USER NAME = morrig	DESIGNED - SAM	REVISED -
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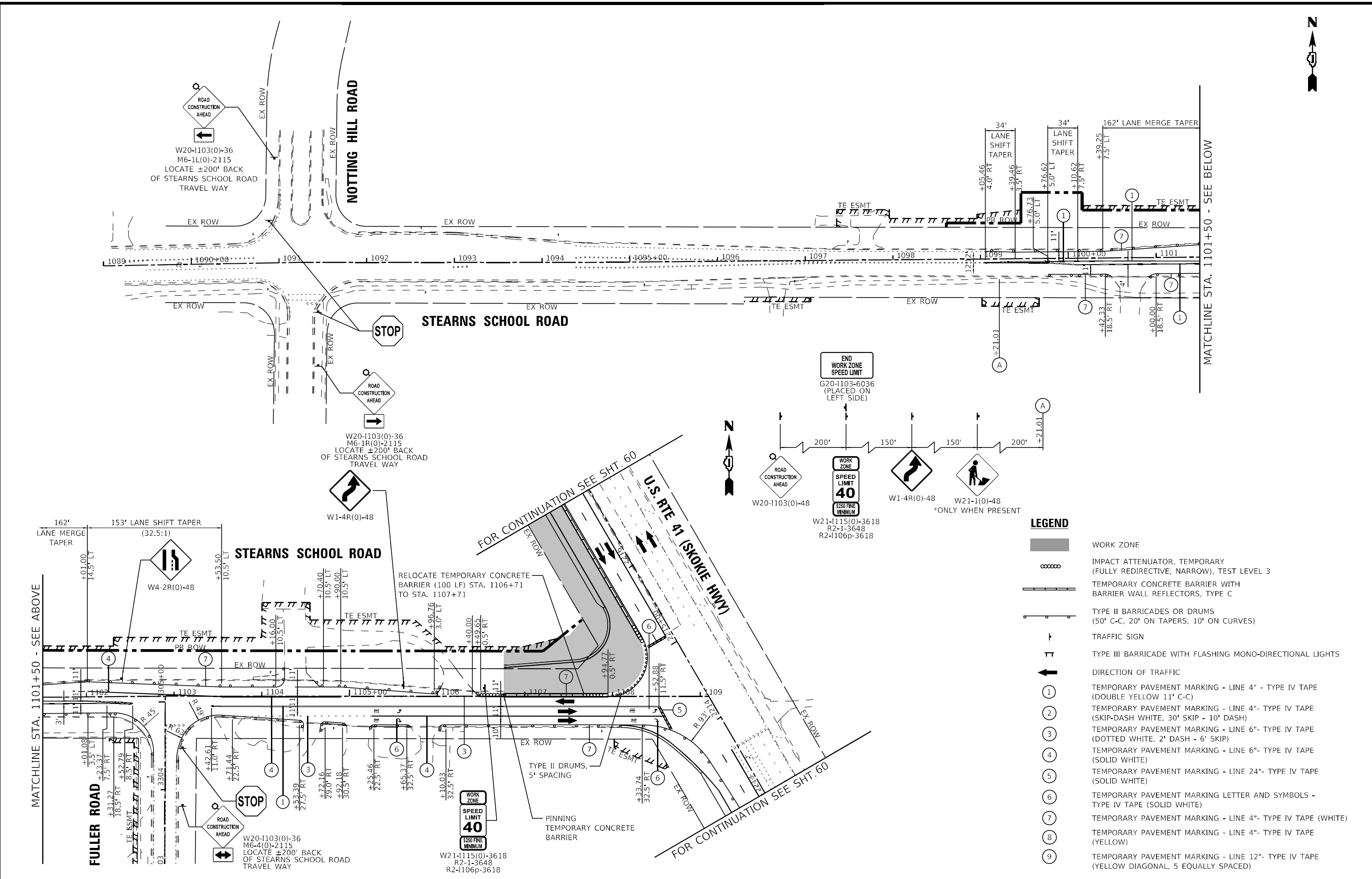
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A**

SCALE: 1"=50' SHEET 11 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	58
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

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BAXTER & WOODMAN CONSULTING ENGINEERS	USER NAME = mmrjg	DESIGNED - SAM	REVISED -
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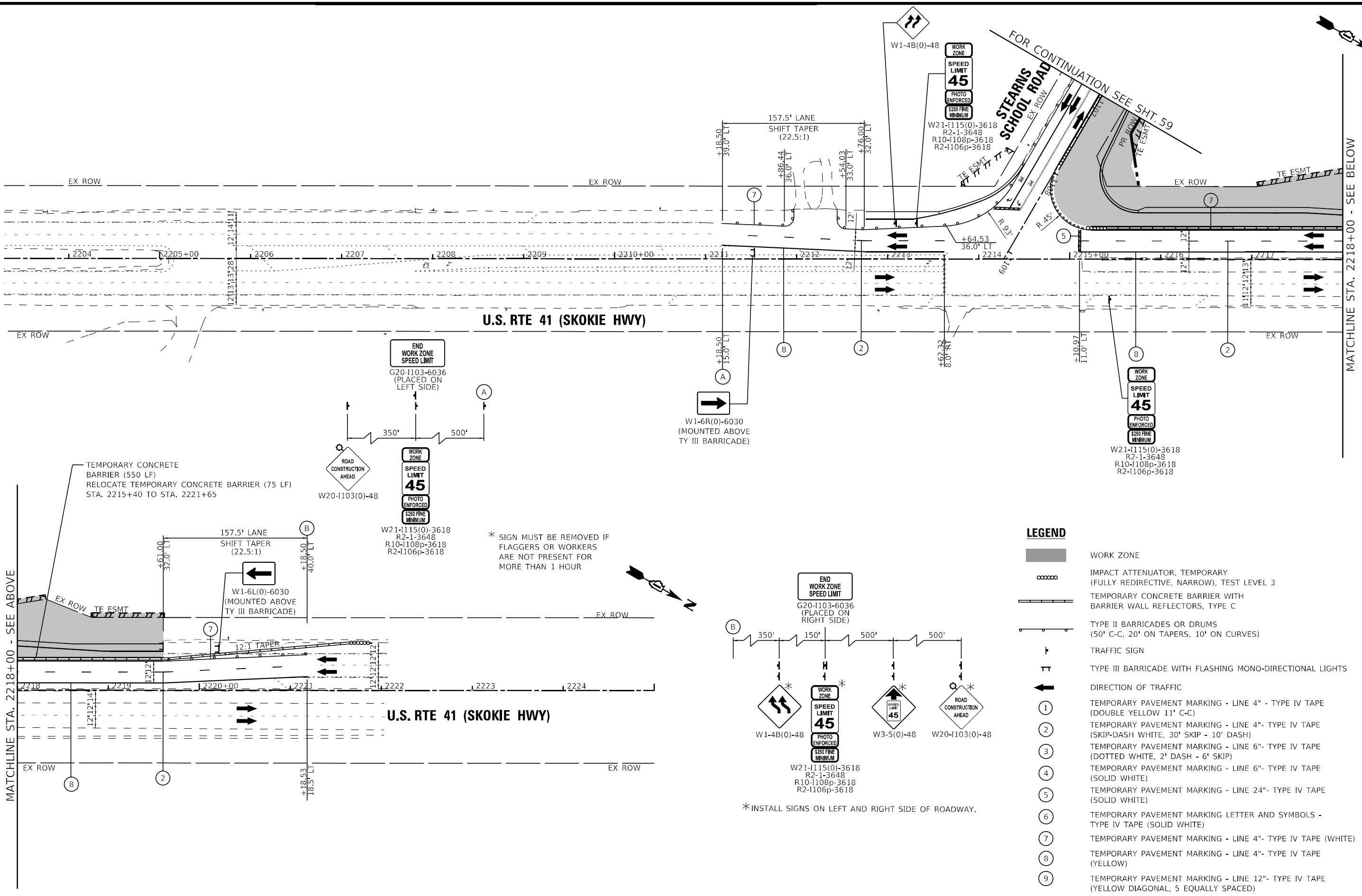
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STEARNS SCHOOL ROAD - STAGE 1B**

SCALE: 1"=50' SHEET 12 OF 17 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 59
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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TEMPORARY CONCRETE BARRIER (550 LF)
 RELOCATE TEMPORARY CONCRETE BARRIER (75 LF)
 STA. 2215+40 TO STA. 2221+65

* SIGN MUST BE REMOVED IF
 FLAGGERS OR WORKERS
 ARE NOT PRESENT FOR
 MORE THAN 1 HOUR

*INSTALL SIGNS ON LEFT AND RIGHT SIDE OF ROADWAY.

LEGEND

- WORK ZONE
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C
- TYPE II BARRICADES OR DRUMS (50' C-C, 20' ON TAPERS, 10' ON CURVES)
- TRAFFIC SIGN
- TYPE III BARRICADE WITH FLASHING MONO-DIRECTIONAL LIGHTS
- DIRECTION OF TRAFFIC
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS - TYPE IV TAPE (SOLID WHITE)
- ⑦ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- ⑧ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- ⑨ TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)

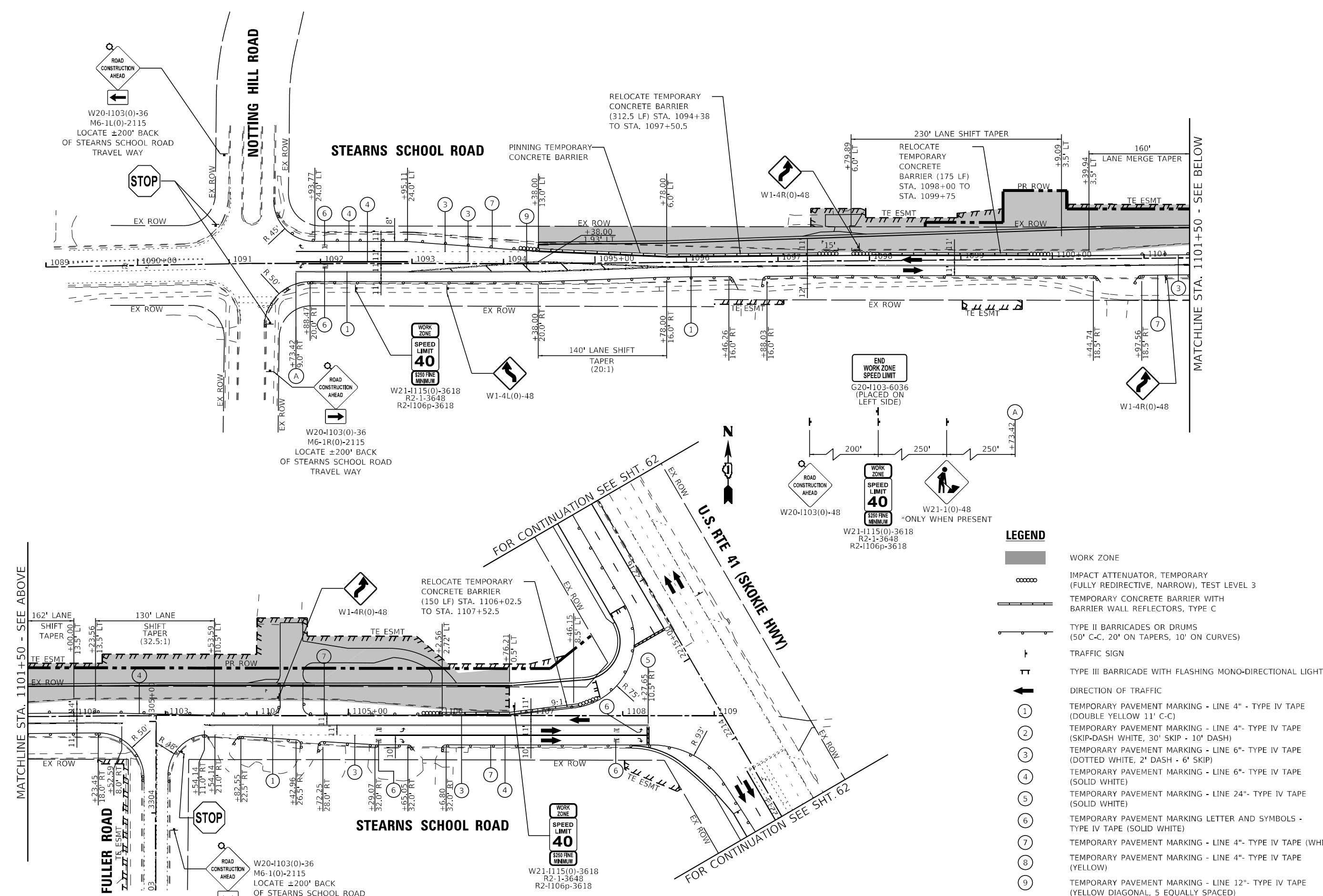
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1B**

SCALE: 1"=50' SHEET 13 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	60
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				



LEGEND

	WORK ZONE
	IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
	TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C
	TYPE II BARRICADES OR DRUMS (50' C-C, 20' ON TAPERS, 10' ON CURVES)
	TRAFFIC SIGN
	TYPE III BARRICADE WITH FLASHING MONO-DIRECTIONAL LIGHTS
	DIRECTION OF TRAFFIC
	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS - TYPE IV TAPE (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)

MATCHLINE STA. 1101+50 - SEE ABOVE

FOR CONTINUATION SEE SHT. 62

U.S. RTE 41 (SKOKIE HWY)

FOR CONTINUATION SEE SHT. 62

MATCHLINE STA. 1101+50 - SEE BELOW

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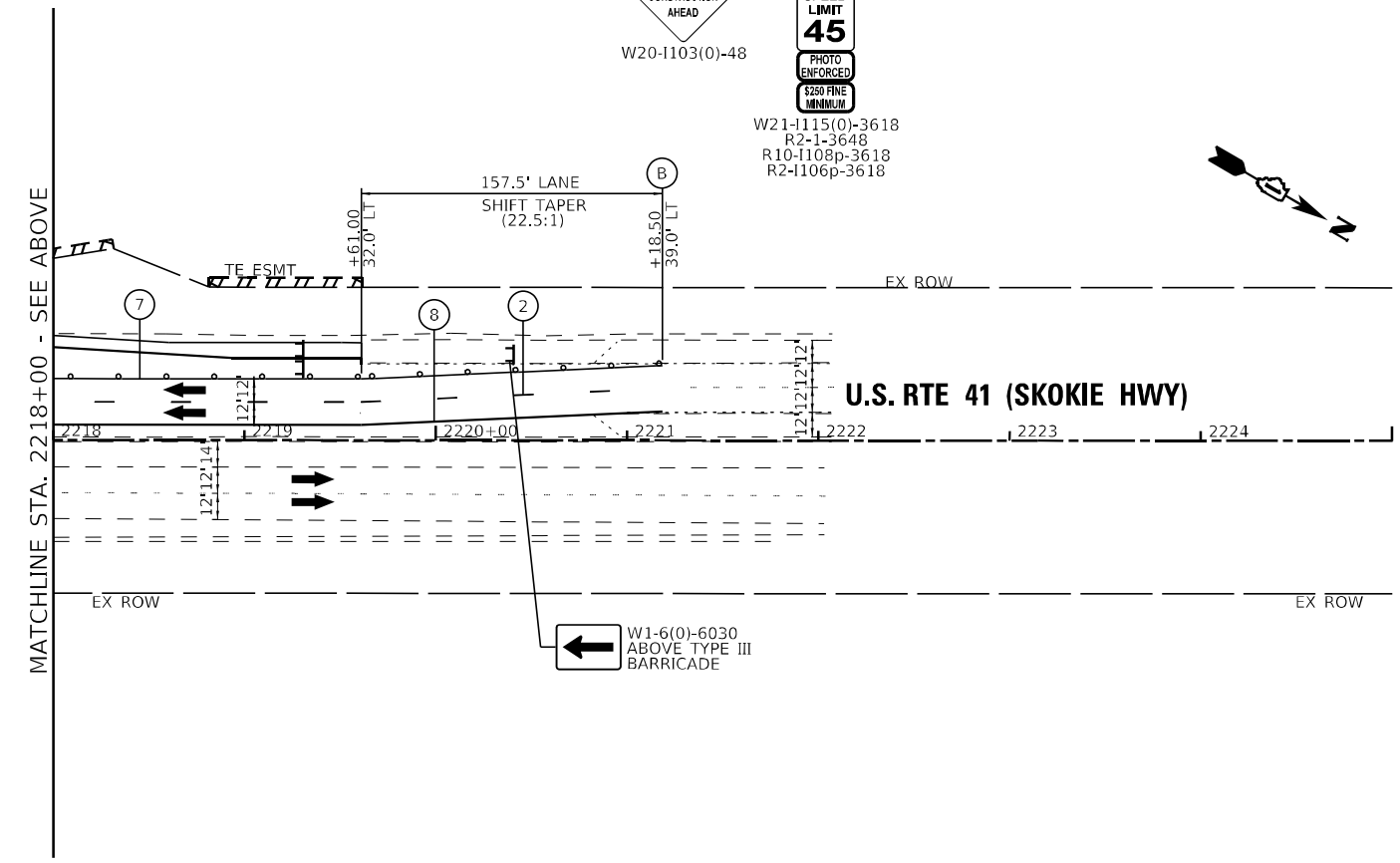
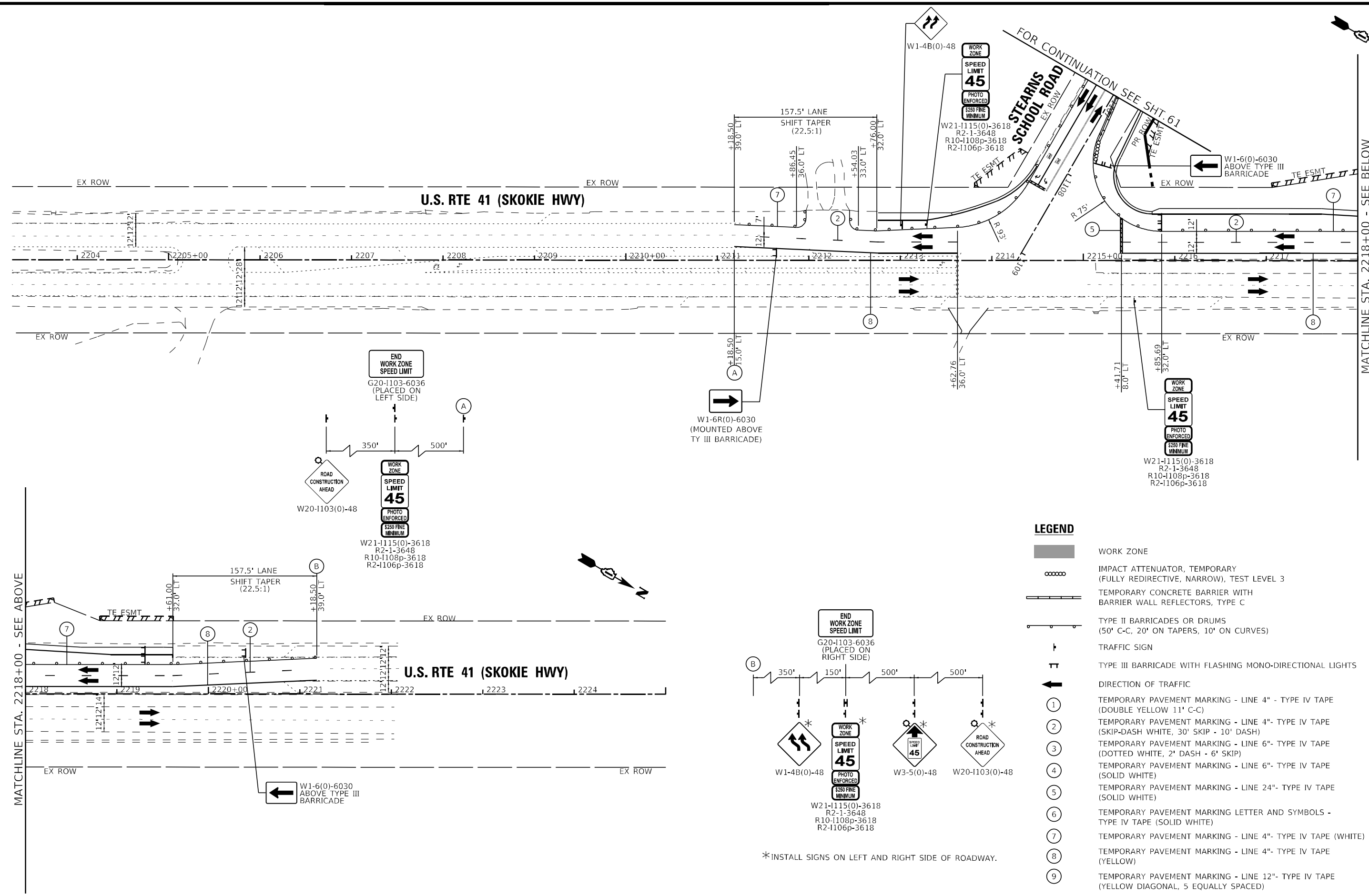
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STEARNS SCHOOL ROAD - STAGE 2
SCALE: 1"=50'
SHEET 14 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	61
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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LEGEND

- WORK ZONE
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C
- TYPE II BARRICADES OR DRUMS (50' C-C, 20' ON TAPERS, 10' ON CURVES)
- TRAFFIC SIGN
- TYPE III BARRICADE WITH FLASHING MONO-DIRECTIONAL LIGHTS
- DIRECTION OF TRAFFIC
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
- TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS - TYPE IV TAPE (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
- TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
- TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)

*INSTALL SIGNS ON LEFT AND RIGHT SIDE OF ROADWAY.

BAXTER & WOODMAN CONSULTING ENGINEERS	USER NAME = morrig	DESIGNED - SAM	REVISED -
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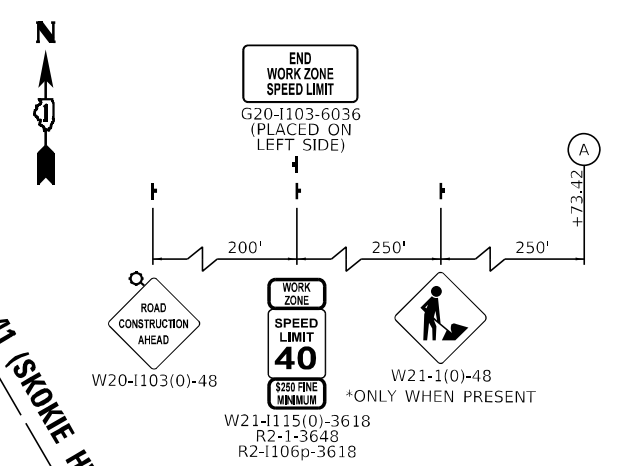
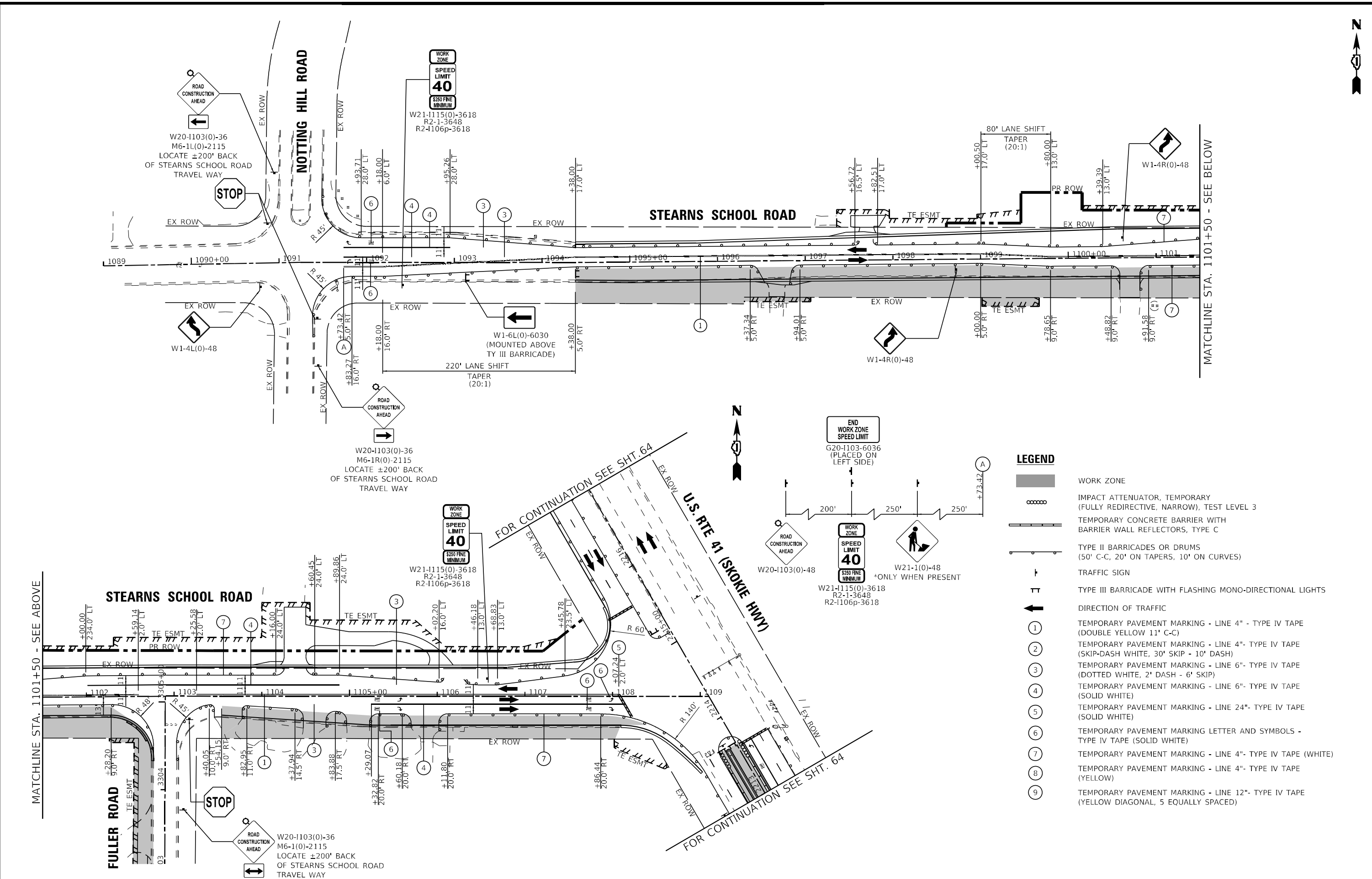
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 2**

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 62
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

SCALE: 1"=50' SHEET 15 OF 17 SHEETS STA. TO STA.

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- LEGEND**
- WORK ZONE
 - IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
 - TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C
 - TYPE II BARRICADES OR DRUMS (50' C-C, 20' ON TAPERS, 10' ON CURVES)
 - TRAFFIC SIGN
 - TYPE III BARRICADE WITH FLASHING MONO-DIRECTIONAL LIGHTS
 - DIRECTION OF TRAFFIC
 - TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11' C-C)
 - TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (DOTTED WHITE, 2' DASH - 6' SKIP)
 - TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
 - TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
 - TEMPORARY PAVEMENT MARKING LETTER AND SYMBOLS - TYPE IV TAPE (SOLID WHITE)
 - TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE)
 - TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW)
 - TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL, 5 EQUALLY SPACED)

BAXTER & WOODMAN	USER NAME = morning	DESIGNED - SAM	REVISED -
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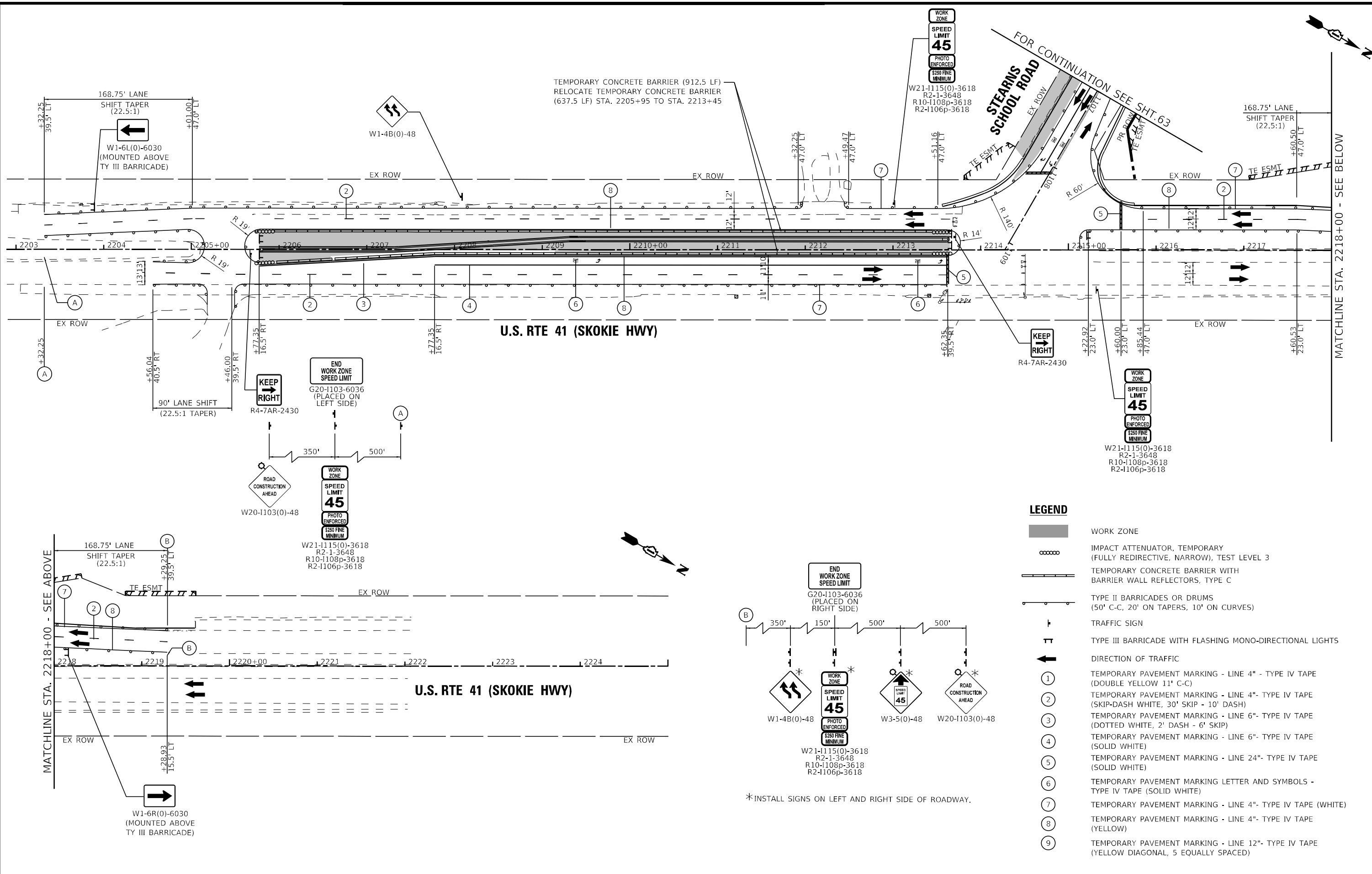
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STEARNS SCHOOL ROAD - STAGE 3**

SCALE: 1"=50' SHEET 16 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	63
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(73)	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN CONSULTANTS ENGINEERS	USER NAME = mmorlg	DESIGNED - SAM	REVISED -
		DRAWN - MJO	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 3**

SCALE: 1"=50' SHEET 17 OF 17 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	64
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSP19AR(773)				

EROSION CONTROL GENERAL NOTES

1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
2. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
3. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES IMMEDIATELY AFTER DISTURBANCE, OR REDISTURBANCE.
4. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
5. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR OF EROSION CONTROL MEASURES.
6. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE). DEWATERING DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES OR STORM WATER STRUCTURES IS PROHIBITED. IF ADJOINING PROPERTIES ARE TO BE USED, APPROPRIATE EASEMENT SHALL BE ATTAINED IN ADVANCE, AND ASSURANCES TO BE MADE THAT NO FLOODPLAIN, FLOODWAY, OR WETLAND WILL BE AFFECTED.
7. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE MCHENRY-LAKE COUNTY SWCD, ENGINEER, OR LOCAL AGENCY.
8. THE CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH MCHENRY-LAKE COUNTY SWCD AND OTHER INTERESTED REGULATORY AGENCIES AND OFFICIALS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL COMPLY WITH REQUIREMENTS FROM THE MCHENRY-LAKE COUNTY SOIL AND WATER CONSERVATION DISTRICT, ILLINOIS DEPARTMENT OF NATURAL RESOURCES, AND ILLINOIS DEPARTMENT OF TRANSPORTATION.
10. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL LATEST EDITION.
11. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
12. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE MCHENRY-LAKE COUNTY SWCD.
13. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL LATEST EDITION.
14. CONCRETE WASHOUT FACILITIES SHALL BE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL LATEST EDITION.
15. ALL ADJACENT ROADWAYS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY.
16. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
17. FINAL ACCEPTANCE OF PROJECT WILL BE CONTINGENT ON RECORD DRAWING APPROVAL BY THE ENGINEER.
18. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS, PERMITS, AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
19. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO THE DEVELOPMENT SITE, CHANNEL, WATERS OF THE U.S. OR ISOLATED WATERS OF LAKE COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
20. DRAIN TILES WITHIN THE DISTURBED AREA OF THE PROJECT SHALL BE REPLACED, BYPASSED AROUND, OR INTERCEPTED AND CONNECTED TO THE STORM WATER MANAGEMENT SYSTEM FOR THE PROJECT, UNLESS THE PLANS SPECIFY ABANDONMENT OF THE DRAIN TILES. THOSE RESPONSIBLE FOR THE DRAIN TILES DISTURBANCE DURING REGULATED DEVELOPMENT SHALL RECONNECT THE DRAIN TILES. ALL ABANDONED DRAIN TILES WITHIN DISTURBED AREAS SHALL BE REMOVED IN THEIR ENTIRETY.
21. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES-MAINTENANCE-GUIDE: (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>)
22. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL.
23. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
24. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
25. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.
26. "WETLAND NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. SEE PLANS FOR LOCATION. THE CONTRACTOR CAN BORROW SIGNS FROM THE BUREAU OF MAINTENANCE BY CONTACTING ROLF.TALUSAN@ILLINOIS.GOV. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

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BAXTER & WOODMAN CONSULTING ENGINEERS	USER NAME = morrig	DESIGNED - AMS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

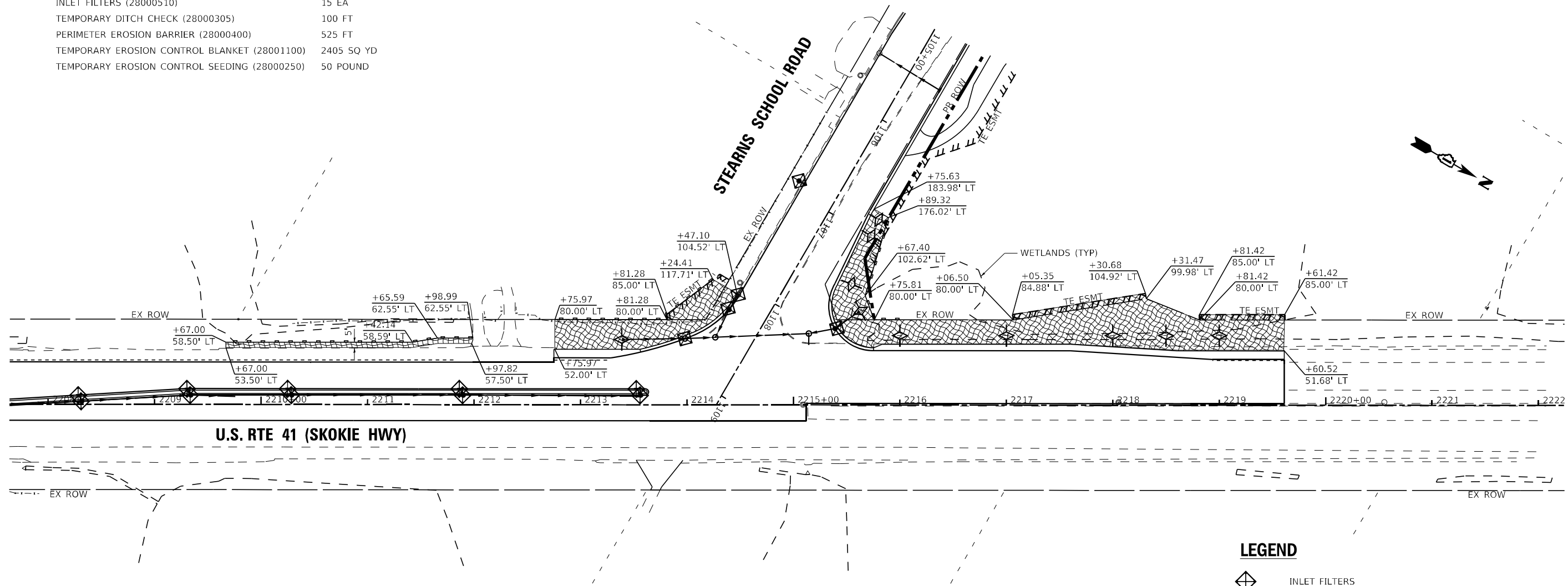
EROSION & SEDIMENT CONTROL GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	65
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP#9RG(773)				

STAGE 1 SCHEDULE OF QUANTITIES

INLET FILTERS (28000510)	15 EA
TEMPORARY DITCH CHECK (28000305)	100 FT
PERIMETER EROSION BARRIER (28000400)	525 FT
TEMPORARY EROSION CONTROL BLANKET (28001100)	2405 SQ YD
TEMPORARY EROSION CONTROL SEEDING (28000250)	50 POUND



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT (PLACED IN PREVIOUS STAGES)

WATERWAY INFORMATION

SITE 9W - DITCH NORTHWEST OF U.S. ROUTE 41 AND STEARNS SCHOOL ROAD
 2 YR. FLOW RATE = 122.55 CFS
 NORMAL DEPTH ELEVATION = 679.48

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION & SEDIMENT CONTROL
 STAGE 1 PLAN**

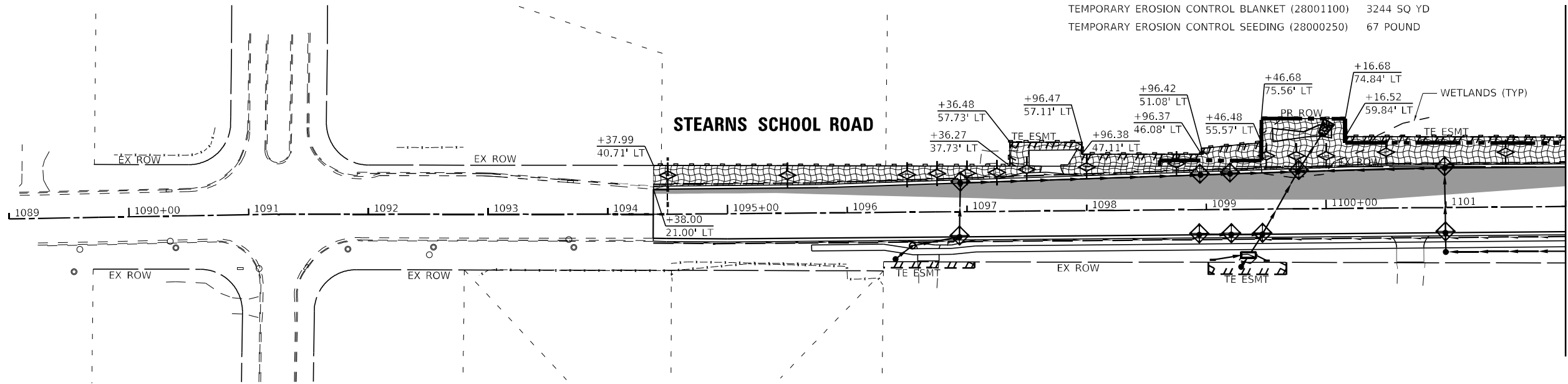
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	66
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

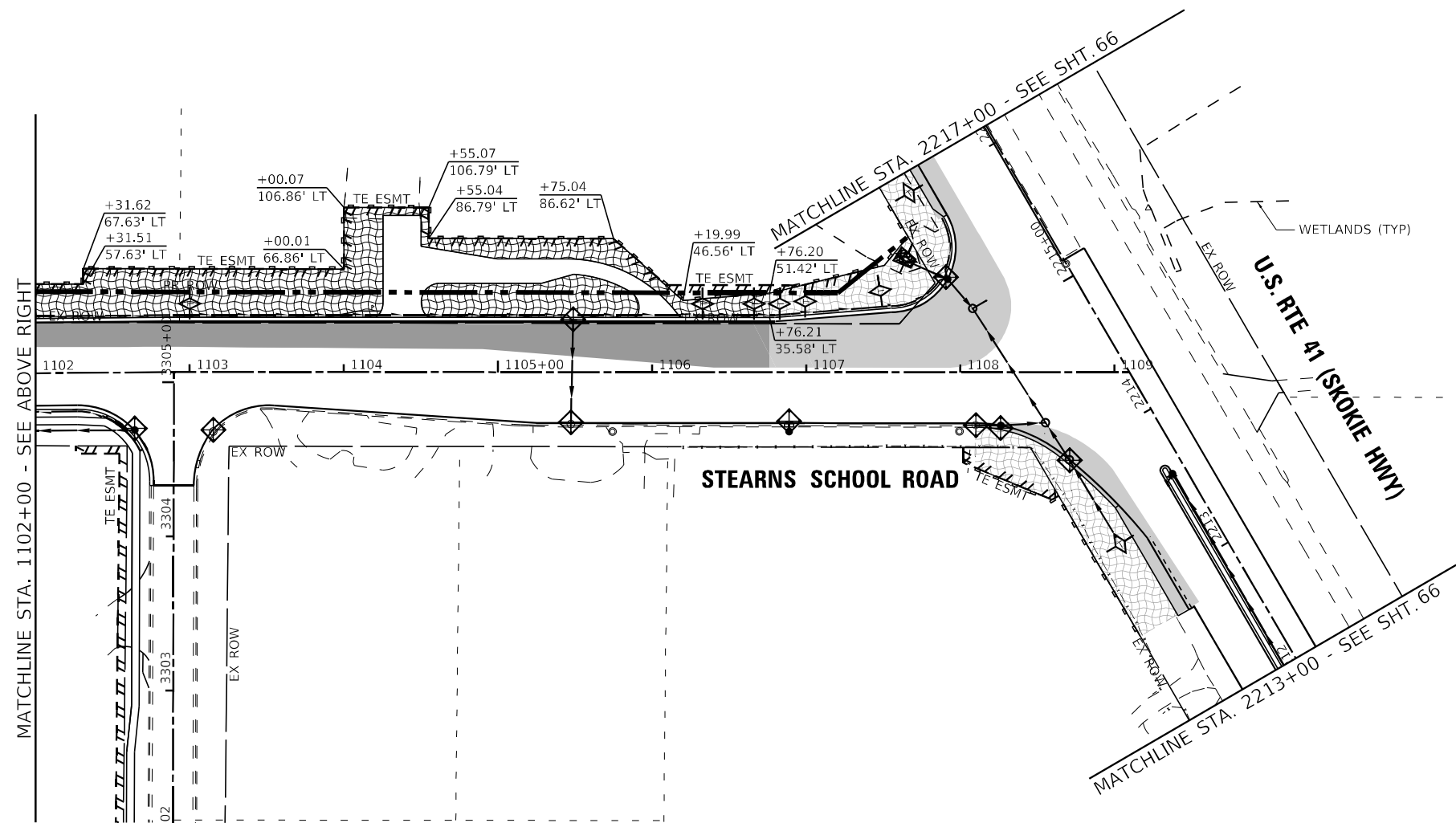


STAGE 2 SCHEDULE OF QUANTITIES

INLET FILTERS (28000510)	15 EA
TEMPORARY DITCH CHECK (28000305)	190 FT
PERIMETER EROSION BARRIER (28000400)	1394 FT
TEMPORARY EROSION CONTROL BLANKET (28001100)	3244 SQ YD
TEMPORARY EROSION CONTROL SEEDING (28000250)	67 POUND



MATCHLINE STA. 1102+00 - SEE BELOW LEFT



MATCHLINE STA. 1102+00 - SEE ABOVE RIGHT

LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT (PLACED IN PREVIOUS STAGES)

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

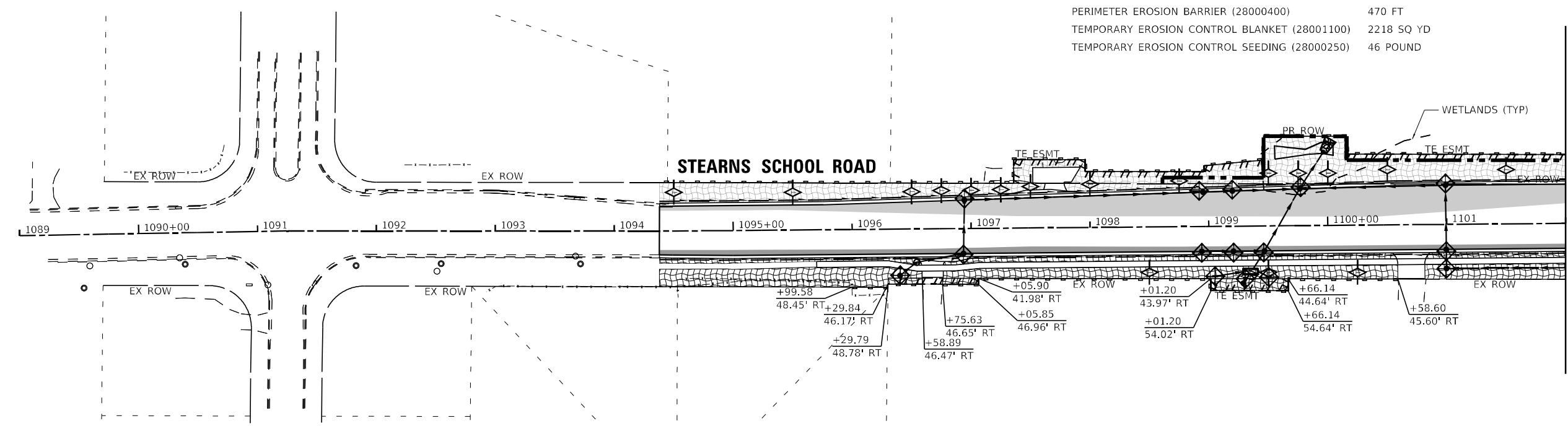
EROSION & SEDIMENT CONTROL	
STAGE 2 PLAN	
SCALE: 1"=50'	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	67
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

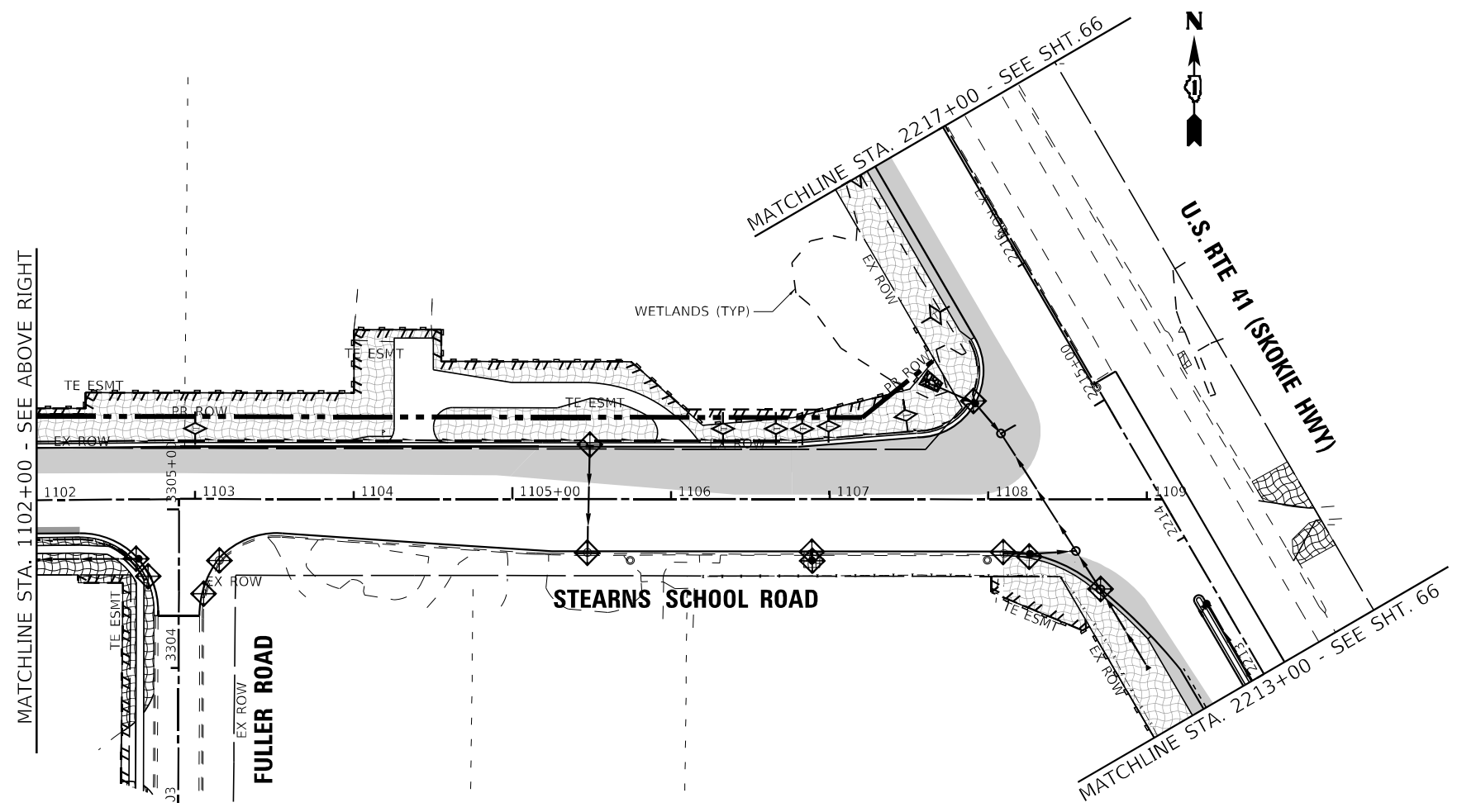


STAGE 3 SCHEDULE OF QUANTITIES

INLET FILTERS (28000510)	16 EA
TEMPORARY DITCH CHECK (28000305)	30 FT
PERIMETER EROSION BARRIER (28000400)	470 FT
TEMPORARY EROSION CONTROL BLANKET (28001100)	2218 SQ YD
TEMPORARY EROSION CONTROL SEEDING (28000250)	46 POUND



MATCHLINE STA. 1102+00 - SEE BELOW LEFT



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT (PLACED IN PREVIOUS STAGES)

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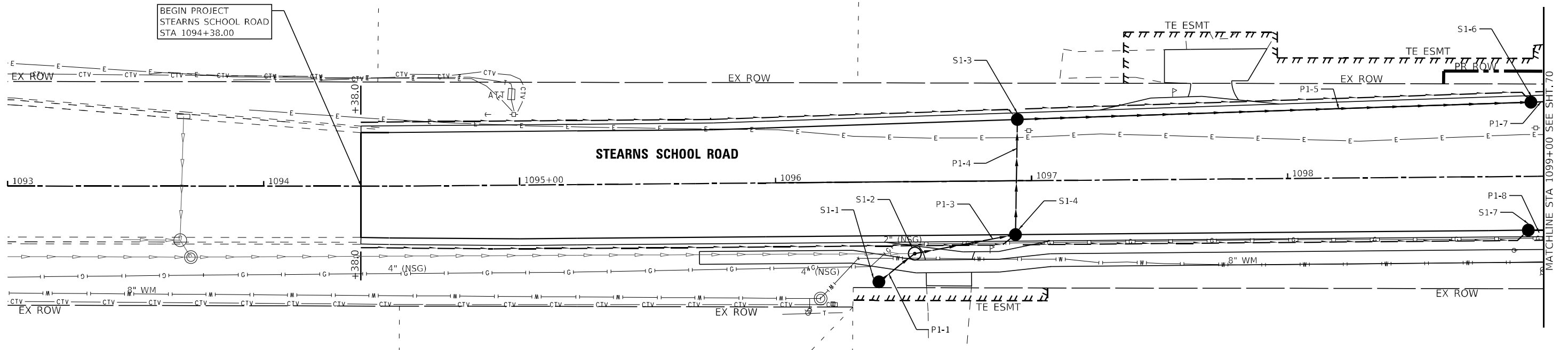
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL			
STAGE 3 PLAN			
SCALE: 1"=50'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 68
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S1-1	1096+40	39.1' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	699.13	698.00 12" NE
S1-2	1096+54	28.1' RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	699.92	694.00 24" NE 695.37 EX 24" W 697.25 12" SW
S1-3	1096+95	24.0' LT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	698.71	693.00 24" E 693.10 24" S
S1-4	1096+94	21.0' RT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	698.82	693.60 24" N 693.70 24" SW
S1-5			NOT USED		
S1-6	1098+94	29.0' LT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	695.01	690.25 24" E 690.25 24" W
S1-7	1098+94	21.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	695.17	690.75 18" E



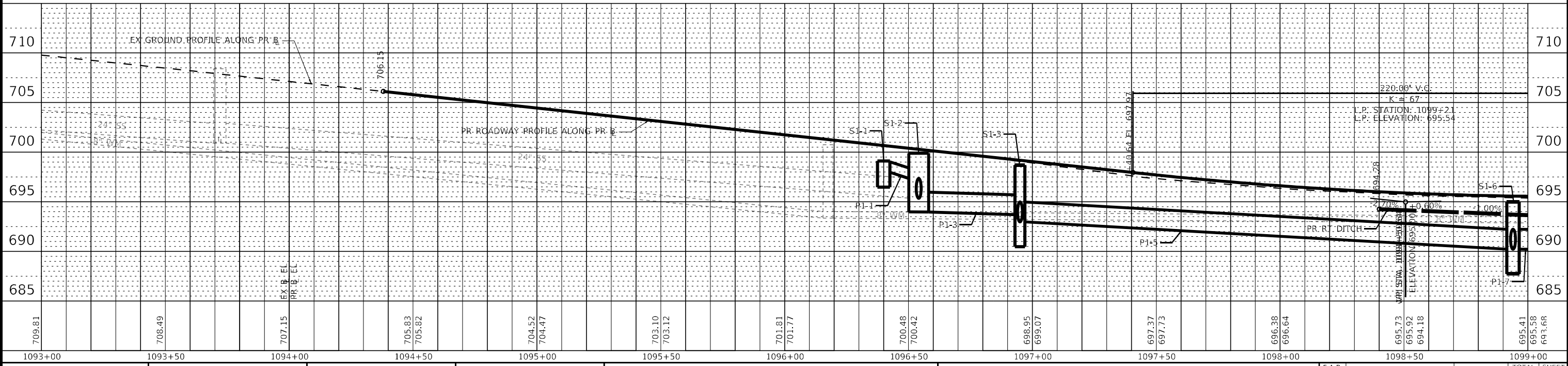
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SX-X DRAINAGE STRUCTURE

PX-X STORM SEWER

PIPE UNDERDRAINS, TYPE 2 4" PER HIGHWAY STANDARD 601001

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P1-1	S1-1	S1-2	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	18	4.20%	1.4
P1-2			NOT USED			
P1-3	S1-2	S1-4	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	40	0.70%	21.2
P1-4	S1-4	S1-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	45	1.10%	23.2
P1-5	S1-3	S1-6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	200	1.40%	98.2
P1-7	S1-6	S2-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	25	0.40%	10.8
P1-8	S1-7	S2-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	27	1.00%	10.5



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

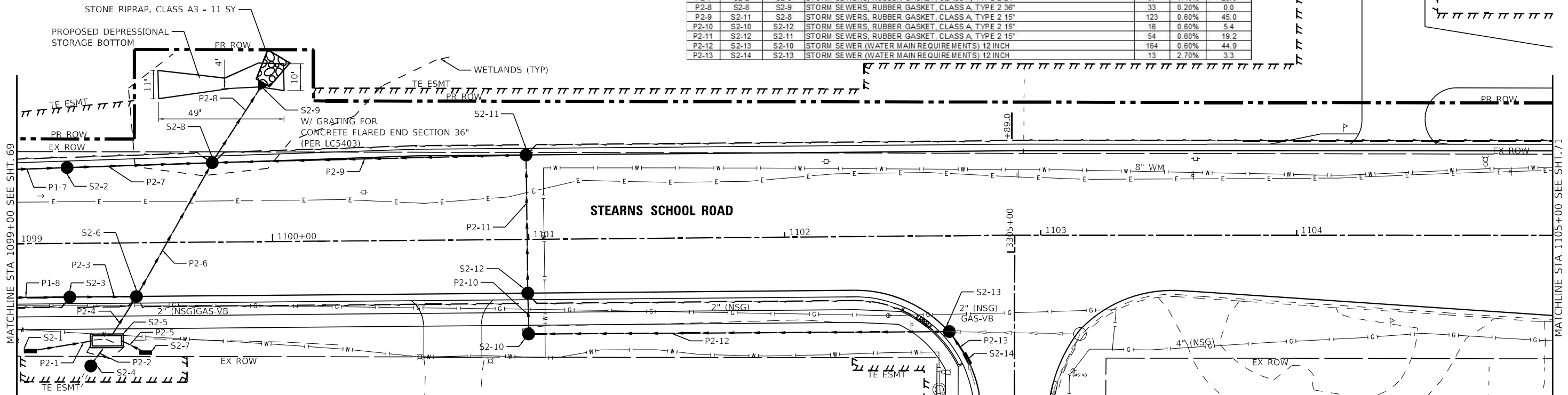
DRAINAGE & UTILITIES
STEARNS SCHOOL ROAD

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 69
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSP-9(AR6)(73)	

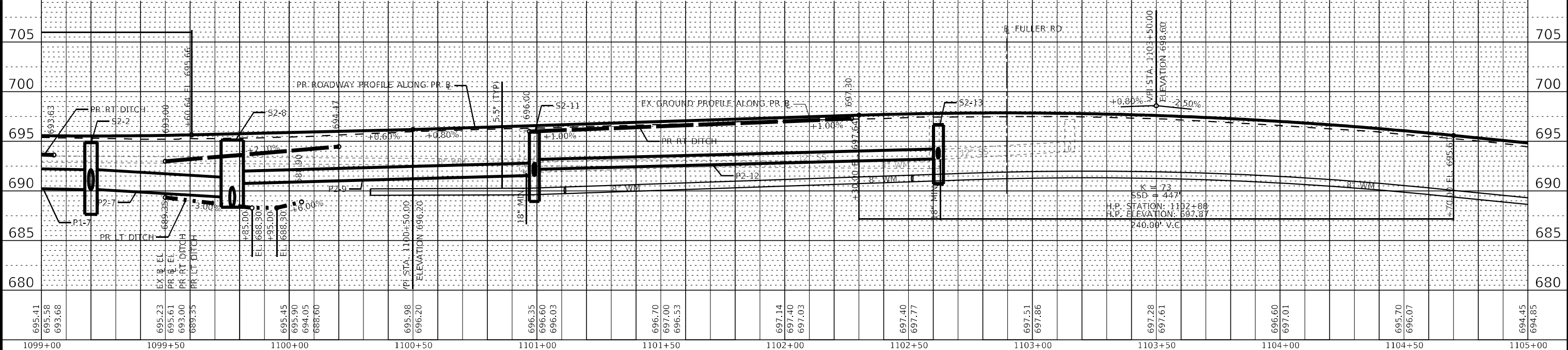
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PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P2-1	S2-1	S2-5	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	30	1.60%	0.0
P2-2	S2-4	S2-5	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	11	0.30%	0.0
P2-3	S2-3	S2-6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	26	0.70%	10.8
P2-4	S2-5	S2-6	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	22	0.40%	14.4
P2-5	S2-7	S2-5	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	16	3.30%	0.0
P2-6	S2-6	S2-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	60	0.80%	42.7
P2-7	S2-2	S2-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	57	1.40%	28.3
P2-8	S2-8	S2-9	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	33	0.20%	0.0
P2-9	S2-11	S2-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	123	0.60%	45.0
P2-10	S2-10	S2-12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	16	0.80%	5.4
P2-11	S2-12	S2-11	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	54	0.60%	19.2
P2-12	S2-13	S2-10	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	164	0.60%	44.9
P2-13	S2-14	S2-13	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	13	2.70%	3.3



STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S2-1	1099+05	42.0' RT	INLETS, TYPE A, TYPE 8 GRATE	693.63	689.94 12" NE
S2-2	1099+20	29.6' LT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	694.92	690.15 24" W 690.15 24" E
S2-3	1099+21	22.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	695.12	690.48 18" W 690.48 18" E
S2-4	1099+29	48.0' RT	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	692.95	689.43 24"x38" NE 689.50 EX 18" SW
S2-5	1099+35	39.4' RT	CONCRETE JUNCTION CHAMBER	695.00	688.92 36" NE 689.47 12" W 689.47 12" E 689.40 24"x38" SW
S2-6	1099+47	21.0' RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 24 FRAME AND GRATE	695.17	688.83 36" SW 690.30 18" W 688.83 36" NE
S2-7	1099+50	43.0' RT	INLETS, TYPE A, TYPE 8 GRATE	693.00	689.99 12" W
S2-8	1099+77	31.0' LT	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 24 FRAME AND GRATE	695.14	688.37 36" NE 688.37 36" SW 689.37 24" W 690.73 15" E
S2-9	1099+96	61.1' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"		688.30 36" SW
S2-10	1101+00	37.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	696.03	692.00 15" N 692.25 12" E
S2-11	1100+99	33.0' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	695.93	691.46 15" W 691.56 15" S
S2-12	1101+00	21.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	696.18	691.90 15" N 691.90 15" S
S2-13	1102+64	37.5' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	696.66	693.22 12" E 693.32 12" SE
S2-14	1102+71	48.1' RT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	697.09	693.66 12" NW

LEGEND
 SX-X DRAINAGE STRUCTURE
 PX-X STORM SEWER
 ——— PIPE UNDERDRAINS, TYPE 2 4" PER HIGHWAY STANDARD 601001



USER NAME = mornig	DESIGNED - AMM	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 12/6/2023	CHECKED - JIF	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT-DU_02.dgn

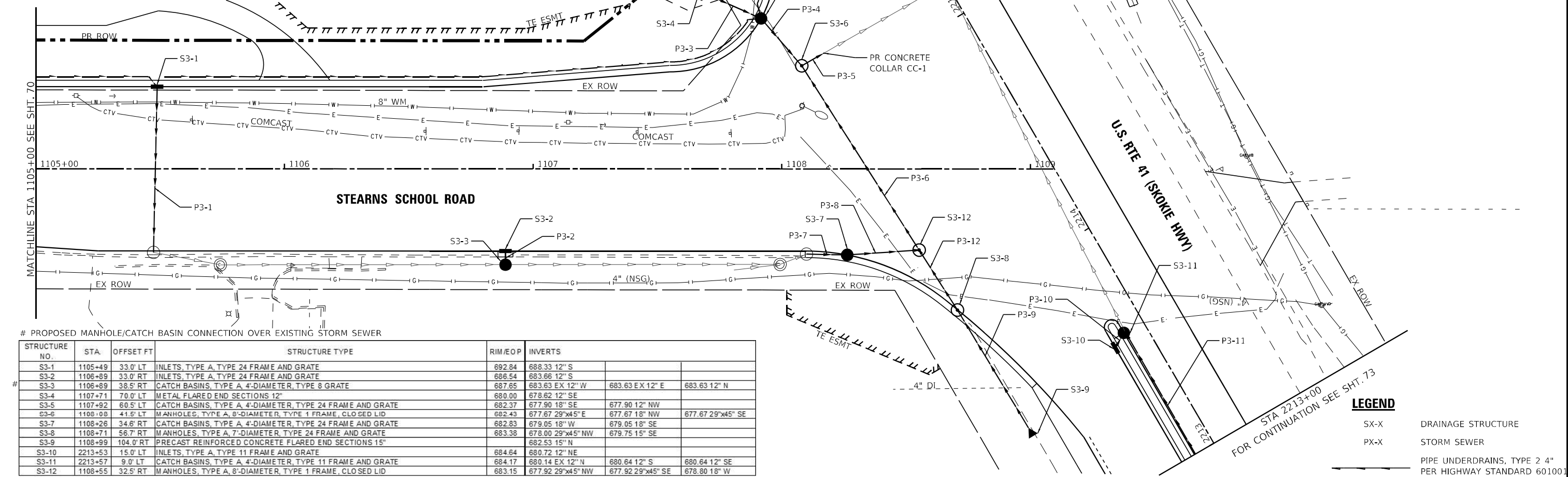
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
 STEARNS SCHOOL ROAD

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 70
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSP-9AR(773)	

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P3-1	S3-1	EX CB-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	67	0.50%	25.0
P3-2	S3-2	S3-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	5	0.60%	1.3
P3-3	S3-4	S3-5	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	25	2.90%	0.0
P3-4	S3-5	S3-6	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	25	0.90%	10.0
P3-5	S3-6	CC-1	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	10	0.10%	10.3
P3-6	S3-12	S3-6	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	88	0.30%	107.6
P3-7	EX CB-2	S3-7	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	16	0.80%	4.6
P3-8	S3-7	S3-12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	29	0.90%	9.8
P3-9	S3-9	S3-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	55	5.00%	4.2
P3-10	S3-10	S3-11	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	7	1.10%	2.0
P3-11	S3-4	S3-11	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	107	1.00%	49.7
P3-12	S3-8	S3-12	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	29	0.30%	33.8



PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER

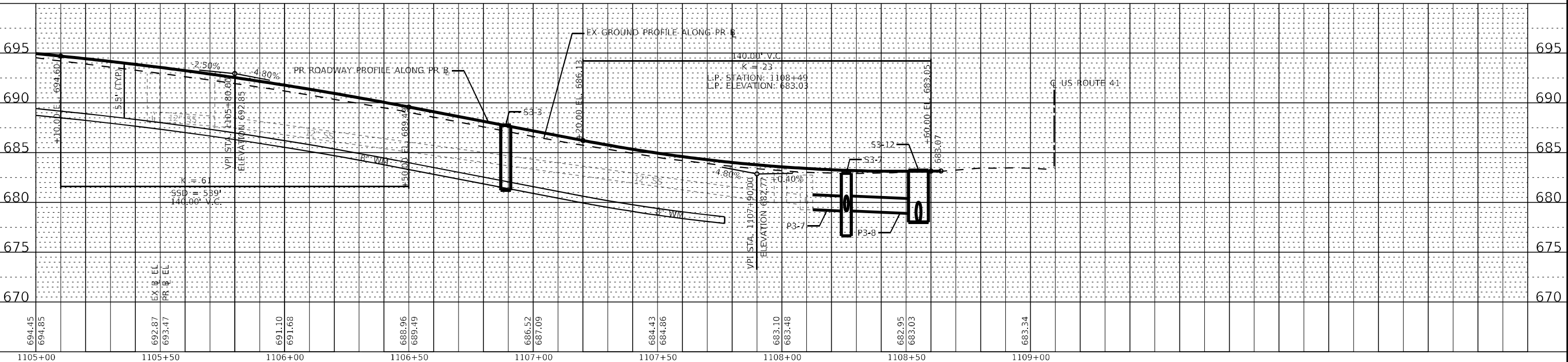
STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S3-1	1105+49	33.0' LT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	692.84	688.33 12" S
S3-2	1106+89	33.0' RT	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	686.54	683.66 12" S
S3-3	1106+89	38.5' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	687.65	683.63 EX 12" W 683.63 EX 12" E 683.63 12" N
S3-4	1107+71	70.0' LT	METAL FLARED END SECTIONS 12"	680.00	678.62 12" SE
S3-5	1107+92	60.5' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	682.37	677.90 18" SE 677.90 12" NW 677.67 29"x45" NW
S3-6	1108+08	41.5' LT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	682.43	677.67 29"x45" E 677.67 18" NW 677.67 29"x45" SE
S3-7	1108+26	34.6' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	682.83	679.05 18" W 679.05 18" SE
S3-8	1108+71	56.7' RT	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 24 FRAME AND GRATE	683.38	678.00 29"x45" NW 679.75 15" SE
S3-9	1108+99	104.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		682.53 15" N
S3-10	2213+53	15.0' LT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	684.64	680.72 12" NE
S3-11	2213+57	9.0' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	684.17	680.14 EX 12" N 680.64 12" S 680.64 12" SE
S3-12	1108+55	32.5' RT	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	683.15	677.92 29"x45" NW 677.92 29"x45" SE 678.80 18" W

LEGEND

SX-X DRAINAGE STRUCTURE

PX-X STORM SEWER

PIPE UNDERDRAINS, TYPE 2 4" PER HIGHWAY STANDARD 60100



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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 MORNING, DEBRA
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USER NAME = mmrjg	DESIGNED - AMM	REVISED -
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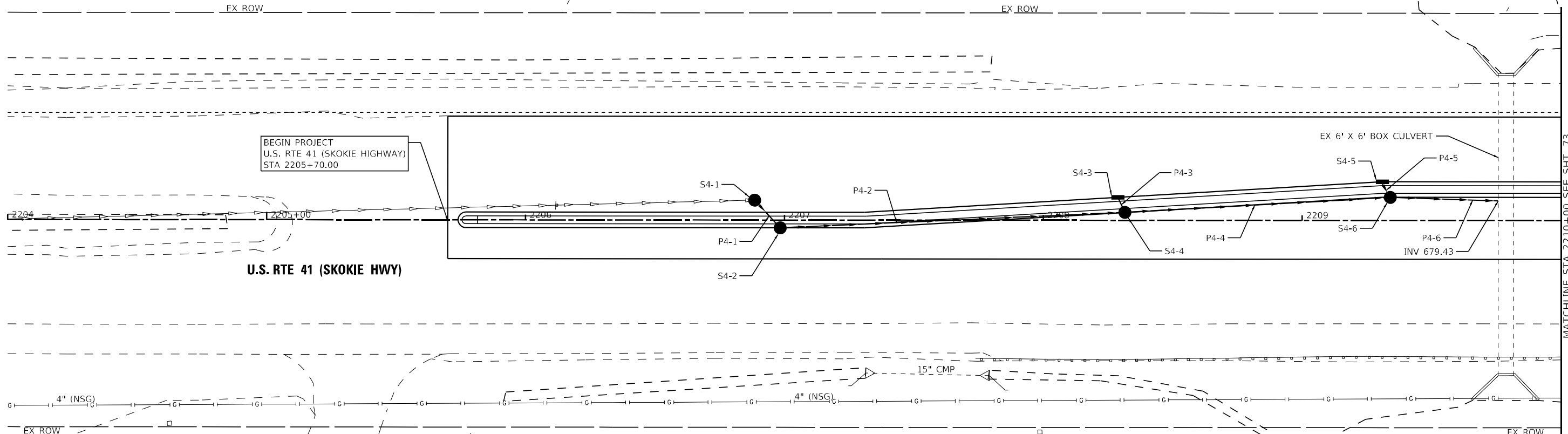
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & UTILITIES
STEARNS SCHOOL ROAD**

SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 71
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSP-9(AR6)(73)	

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P4-1	S4-1	S4-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	15	1.00%	10.3
P4-2	S4-2	S4-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	133	1.00%	93.1
P4-3	S4-3	S4-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	6	1.10%	4.6
P4-4	S4-4	S4-6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	103	1.00%	85.5
P4-5	S4-5	S4-6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	7	1.00%	5.6
P4-6	S4-6	6x6 BOX	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	43	1.00%	29.8



BEGIN PROJECT
U.S. RTE 41 (SKOKIE HIGHWAY)
STA 2205+70.00

U.S. RTE 41 (SKOKIE HWY)

EX 6' X 6' BOX CULVERT

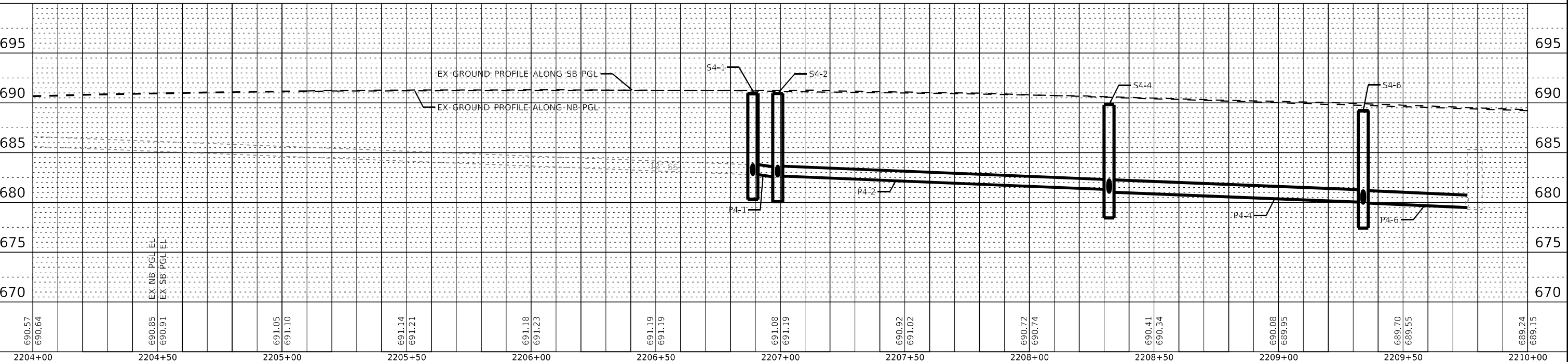
INV 679.43

MATCHLINE STA 2210+00 SEE SHT. 73

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S4-1	2206+89	7.7 LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME, OPEN LID	690.88	682.72 12" NE 682.72 EX 12" S
S4-2	2206+98	3.0' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	690.50	682.57 12" SW 682.57 12" N
S4-3	2208+29	8.5 LT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	690.22	681.20 12" NE
S4-4	2208+32	3.0' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	689.74	680.94 15" N 681.13 12" SW 681.24 12" S
S4-5	2209+31	15.0' LT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	689.66	680.17 12" NE
S4-6	2209+34	9.0' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	689.15	679.86 15" N 680.10 12" SW 679.96 15" S

LEGEND

- SX-X DRAINAGE STRUCTURE
- PX-X STORM SEWER

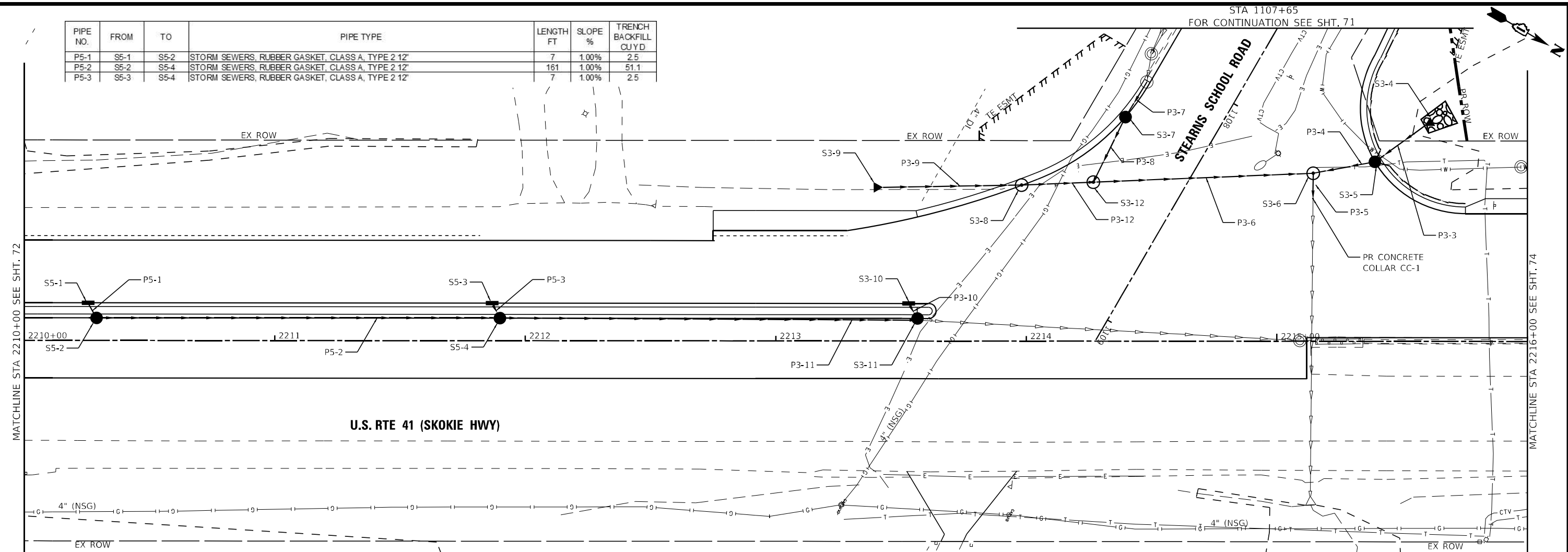


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	PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-DU_04.dgn			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)							

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P5-1	S5-1	S5-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	7	1.00%	2.5
P5-2	S5-2	S5-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	161	1.00%	51.1
P5-3	S5-3	S5-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	7	1.00%	2.5

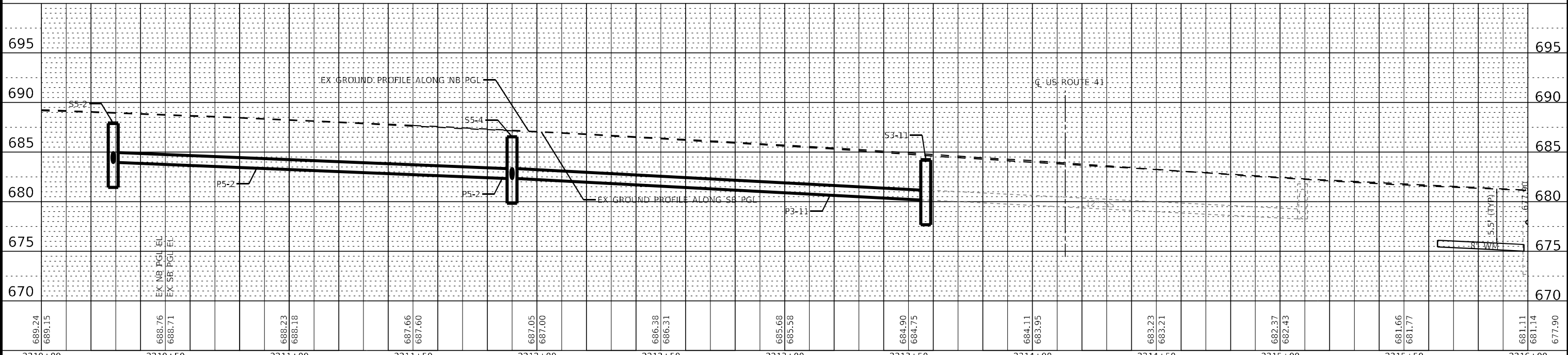
STA 1107+65
FOR CONTINUATION SEE SHT. 71



STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S5-1	2210+26	15.0' LT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	688.78	683.99 12' NE
S5-2	2210+29	9.0' LT	CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 11 FRAME AND GRATE	687.87	683.92 12' SW 683.92 12' N
S5-3	2211+87	15.0' LT	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	686.96	682.38 12' NE
S5-4	2211+90	9.0' LT	CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 11 FRAME AND GRATE	686.52	682.31 12' SW 682.31 12' S 682.31 12' N

LEGEND

- SX-X DRAINAGE STRUCTURE
- PX-X STORM SEWER
- WETLANDS (TYP)



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
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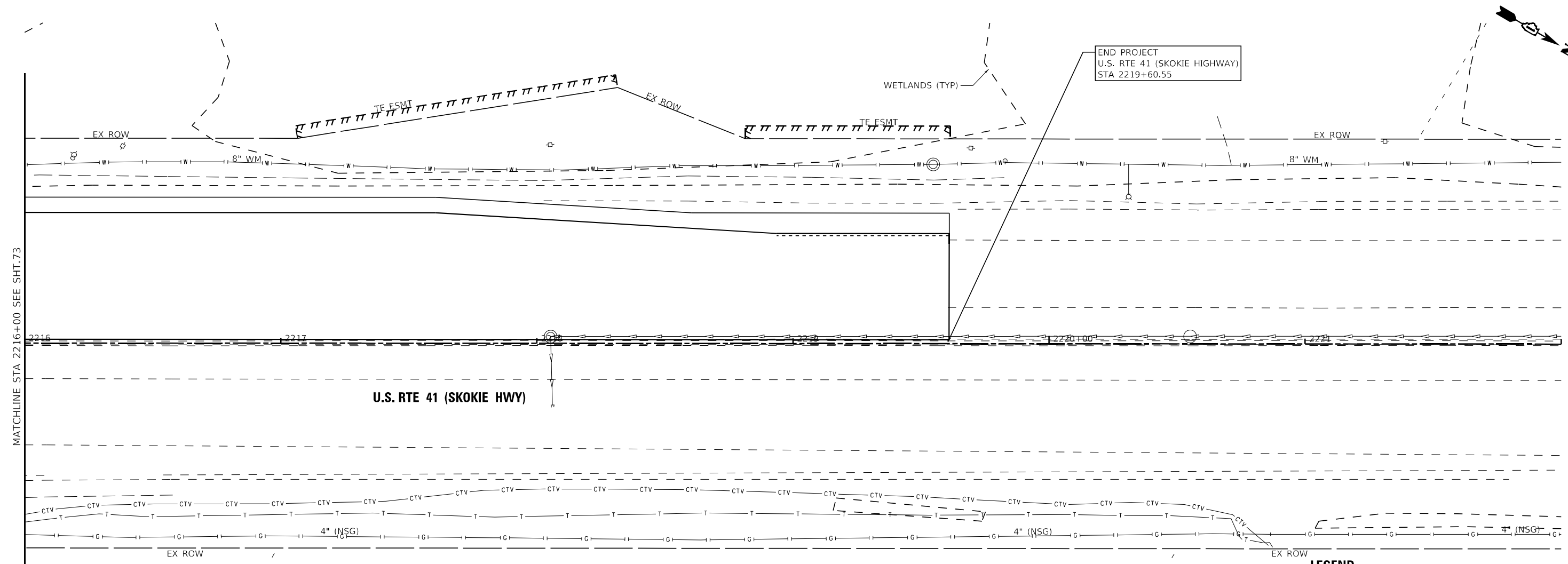
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & UTILITIES
U.S. RTE 41 (SKOKIE HIGHWAY)**

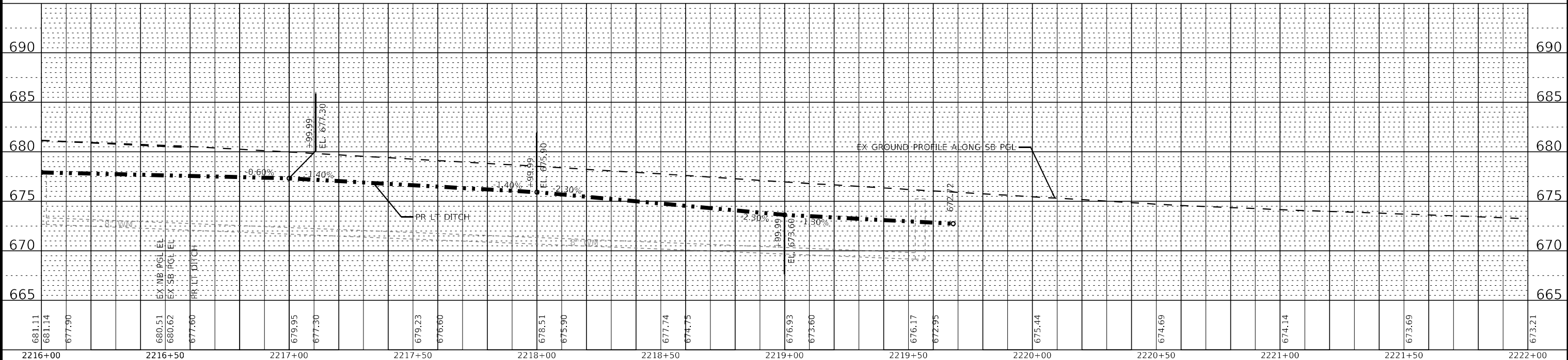
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F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 73
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSP19-06(773)	

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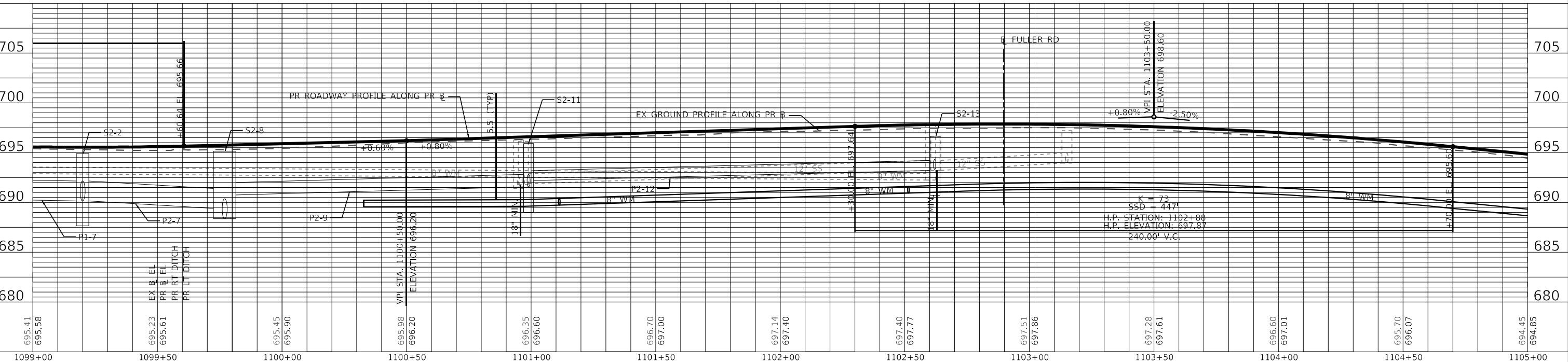
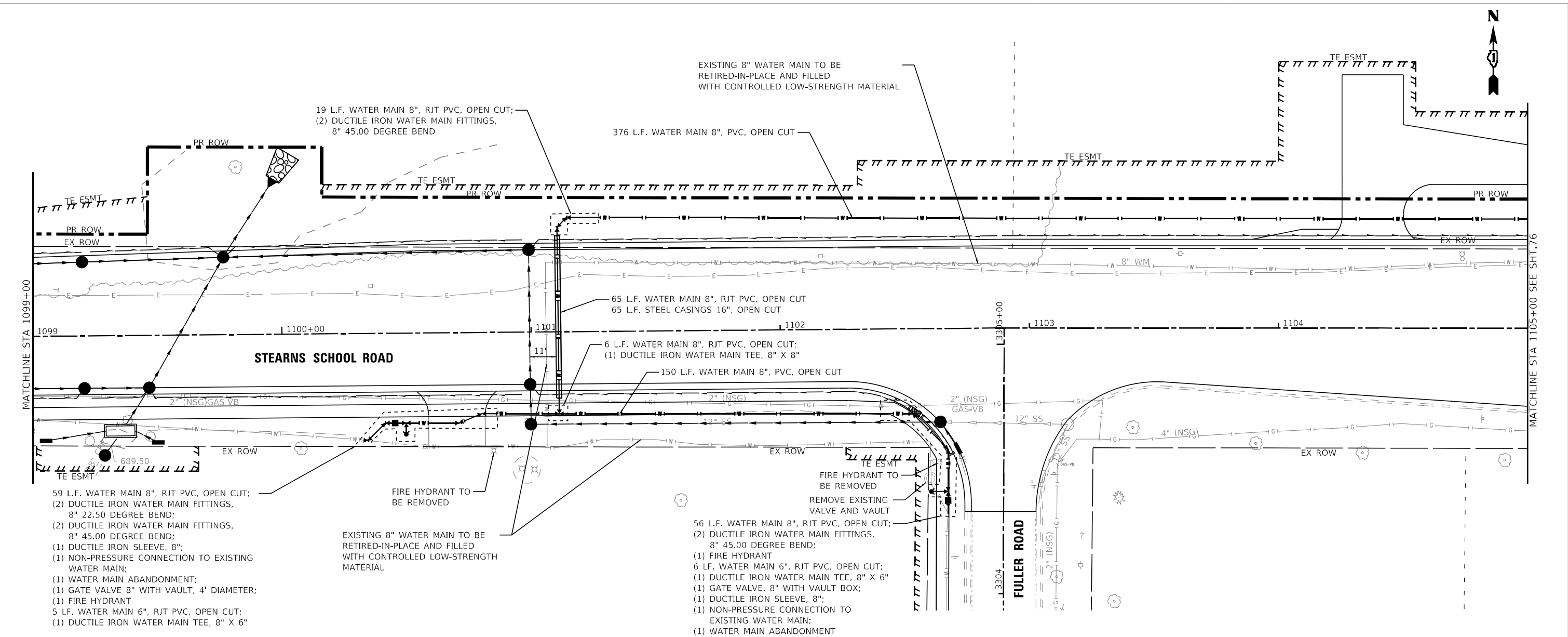


LEGEND
 SX-X DRAINAGE STRUCTURE
 PX-X STORM SEWER



	USER NAME = mornig	DESIGNED - AMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE & UTILITIES U.S. RTE 41 (SKOKIE HIGHWAY)	F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 74
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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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BAXTER & WOODMAN
 CONSULTANTS, INC.

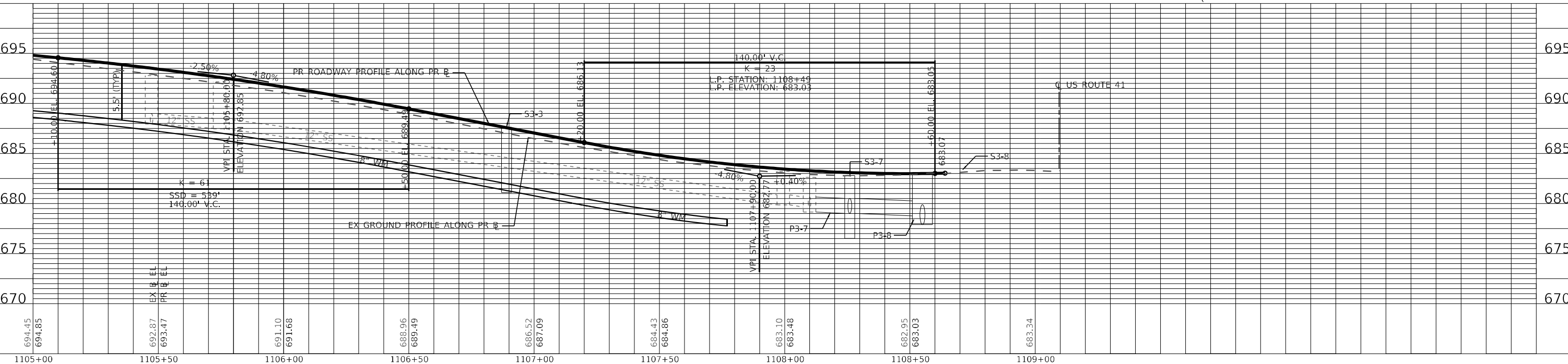
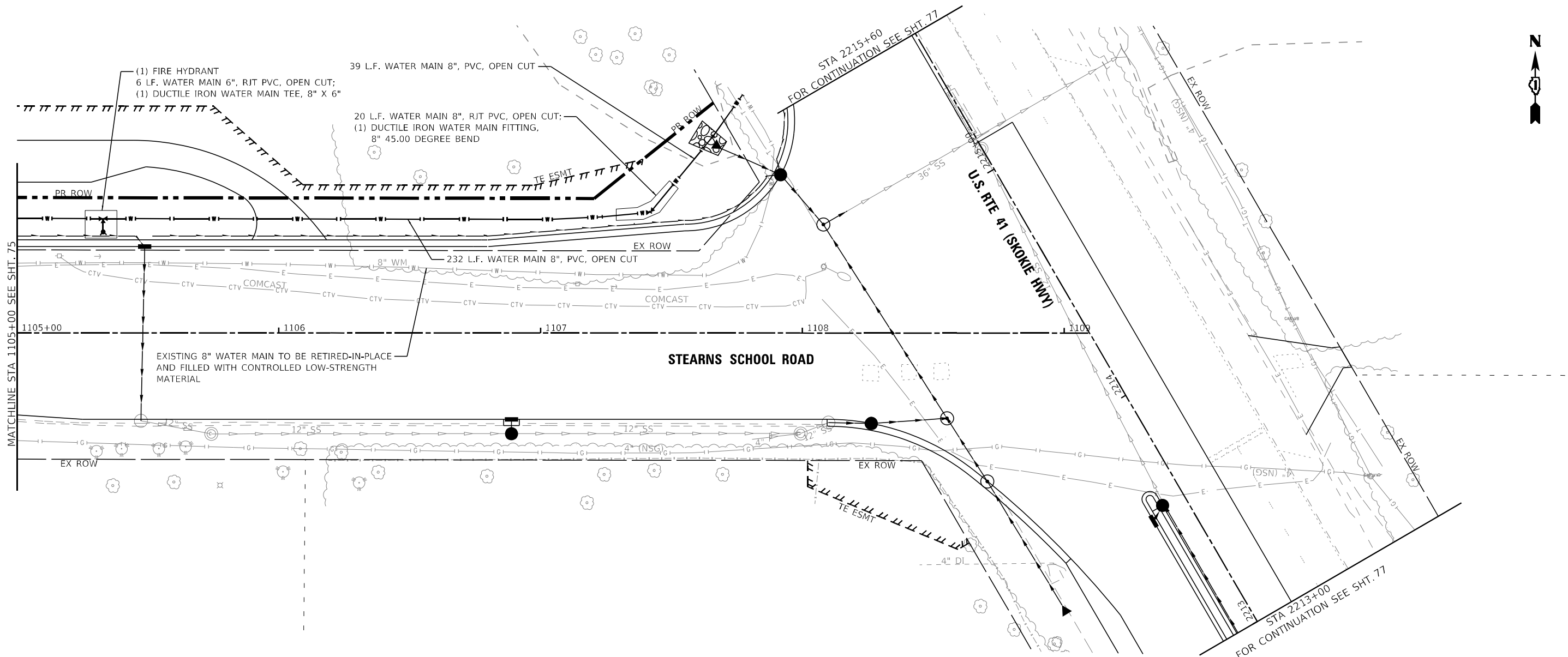
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN
STEARNS SCHOOL ROAD

SCALE: 1"=20'
 SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 75
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)			CONTRACT NO. 62W53	



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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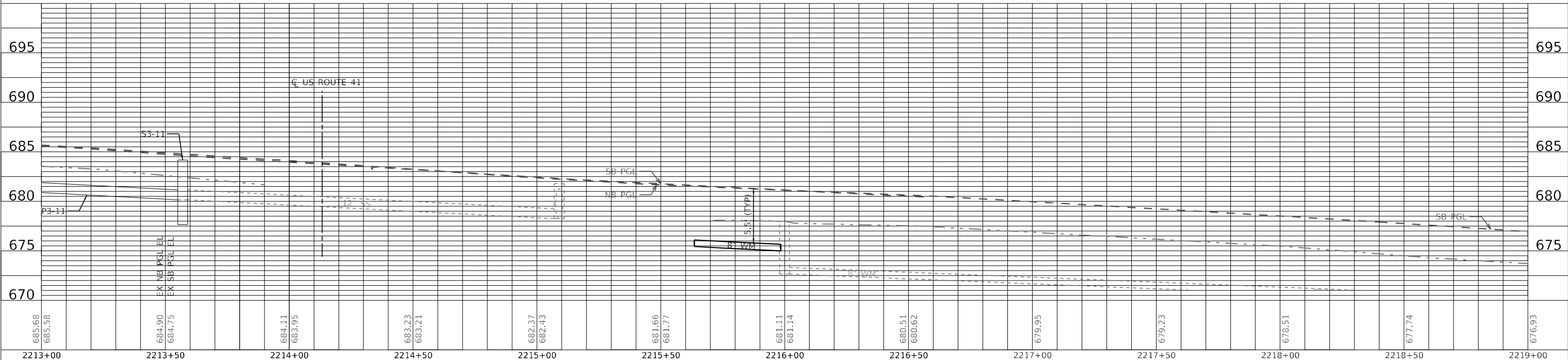
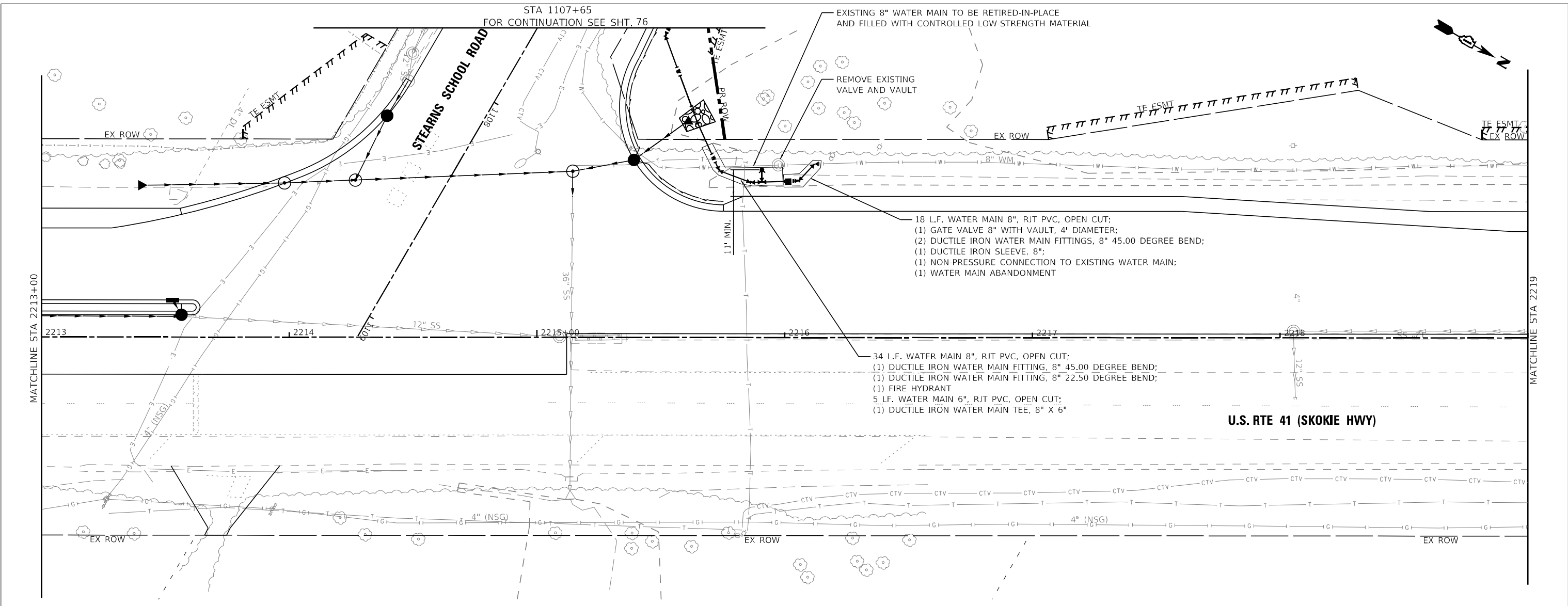
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN PLAN
STEARNS SCHOOL ROAD

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 76
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

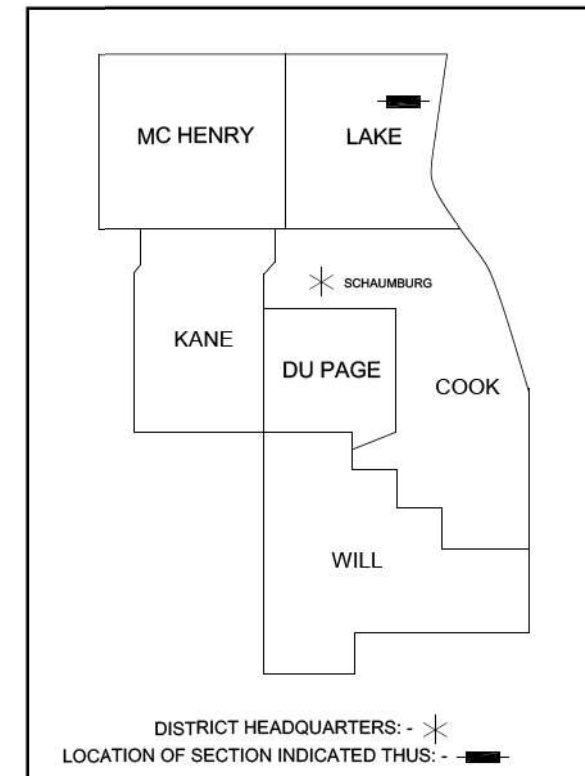
WATERMAIN PLAN	
U.S. RTE 41 (SKOKIE HIGHWAY)	
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 77
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)			CONTRACT NO. 62W53	

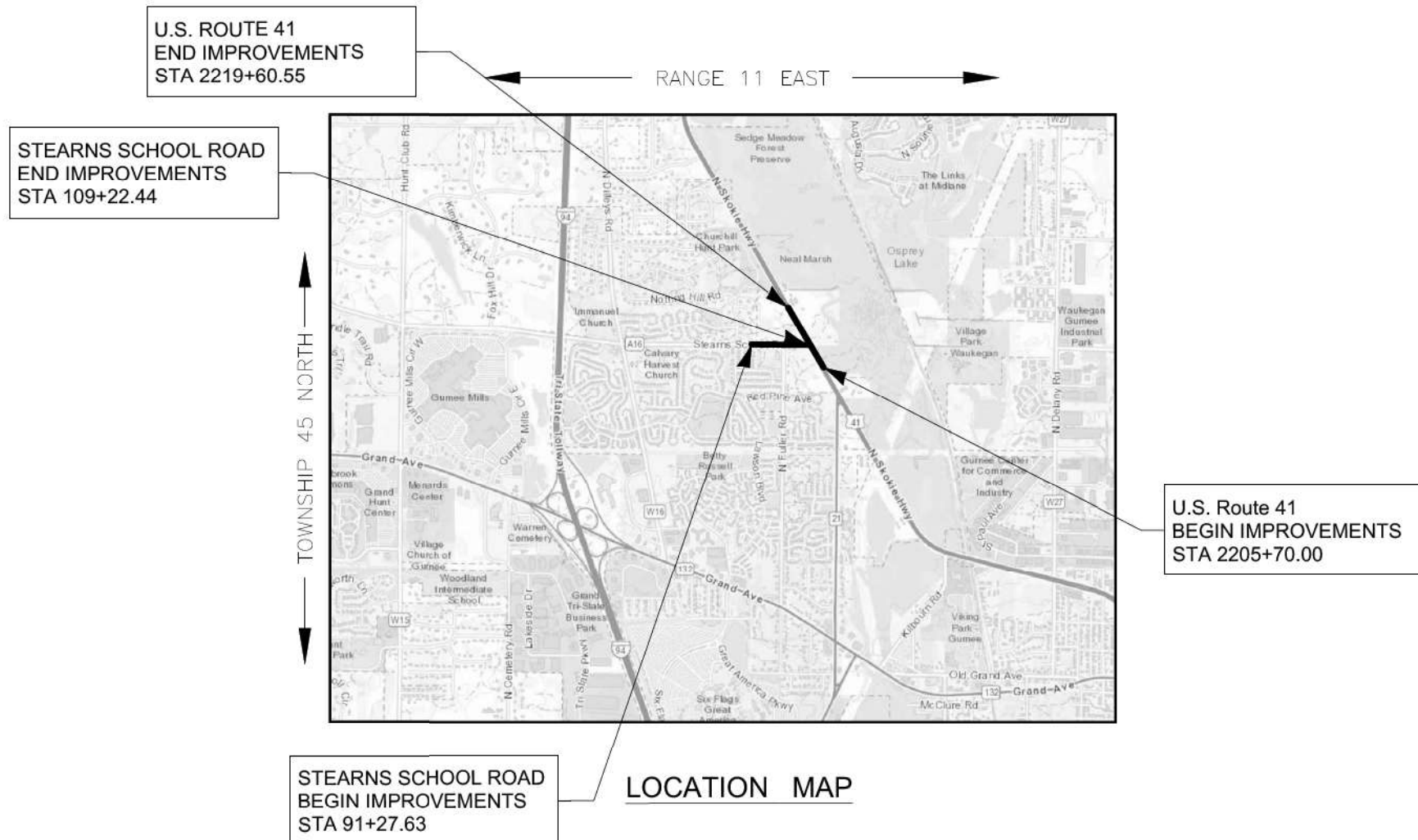
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
1NP0001	Jerry A. Kolar and Joseph E. Kolar, as Co-Trustees of the Jerry A. Kolar Trust dated May 5, 2017	4,5,6	
1NP0002	Illinois Conference of Seventh-Day Adventists, an Illinois corporation	4,5,6,11	
1NP0003	Chicago Title Land Trust Company, as Successor to Bank of Waukegan, as Trustee under a Trust Agreement dated the 12th day of March, 1991 and known as Trust Number 3656	6,7,8,9	
1NP0004	Elaine J. Dahl, as Trustee under a trust agreement dated the 20th day of April, 1992	7,9,10	

ROUTE: U.S. Route 41
SECTION: 16-00222-02-CH
COUNTY: LAKE
LIMITS: at Stearns School Road
JOB NO.: R-91-014-20



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



Gross & Net Length = 1,795 Lin. Ft. = 0.340 Miles (Stearns School Road)
Gross & Net Length = 1,390 Lin. Ft. = 0.263 Miles (U.S. Route 41)



Anthony E. Bianchi
LAND SURVEYOR
"LICENSE EXPIRES 11-30-2024"

IDOT USE ONLY

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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State of Illinois - Professional Design Firm
License No. - 184-001121 - Expires 4-30-21

BAXTER & WOODMAN
CONSULTING ENGINEERS

USER NAME = morrig	DESIGNED - AB	REVISED -
	DRAWN - MAC	REVISED -
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PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

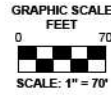
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	79
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS

PROJECT COORDINATES
Illinois State Plane, Ease Zone, NAD 83 (2011)

LEGEND

- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 - ⊕ PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET
- Notes:**
- Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
 - Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
 - All dimensions are measured unless otherwise noted.
 - All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.



Proposed Temporary Easement

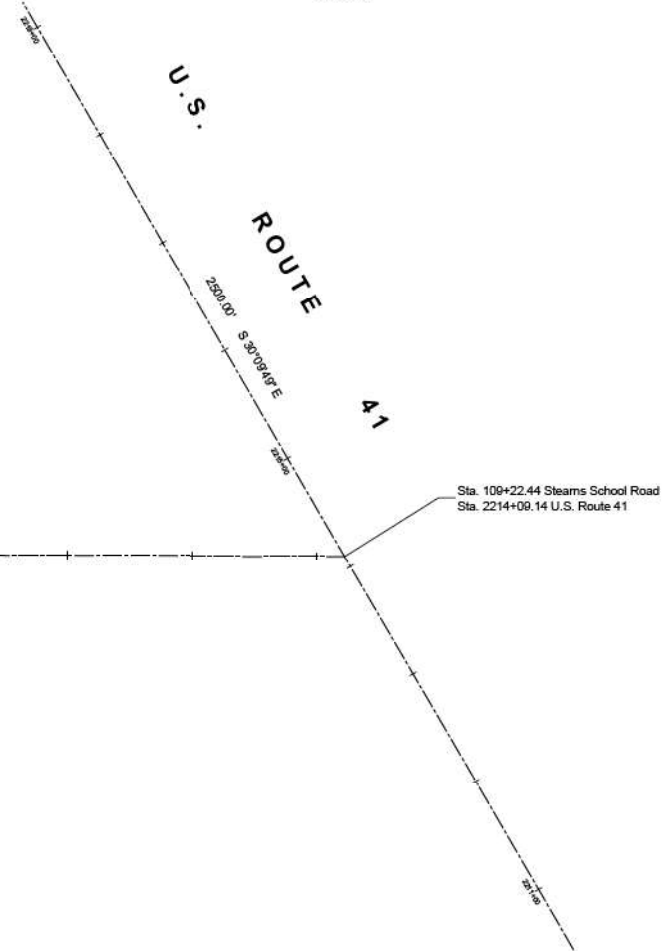
Station / Description	Northing	Easting	Station / Description	Northing	Easting	Station / Description	Northing	Easting	Station / Description	Northing	Easting
97+39.39 47.00' Lt.	2,086,071.33	1,092,959.89	96+33.84 38.00' Rt.	2,085,986.50	1,092,854.20	102+97.03 82.00' Lt.	2,086,105.39	1,093,517.59	2219+61.43 80.00' Rt.	2,086,337.25	1,093,844.21
97+39.39 67.00' Lt.	2,086,091.33	1,092,959.93	97+09.84 38.00' Rt.	2,085,986.38	1,092,930.20	104+03.40 82.00' Lt.	2,086,105.21	1,093,623.96	2219+61.43 85.00' Rt.	2,086,334.09	1,093,840.34
97+99.39 67.00' Lt.	2,086,091.22	1,093,019.93	97+09.84 33.00' Rt.	2,085,991.38	1,092,930.21	104+03.40 122.00' Lt.	2,086,145.21	1,093,624.03	2218+81.43 85.00' Rt.	2,086,236.08	1,093,920.41
97+99.40 57.00' Lt.	2,086,081.22	1,093,019.92	99+05.09 33.00' Rt.	2,085,991.05	1,093,125.46	104+58.40 122.00' Lt.	2,086,145.12	1,093,679.03	2218+81.43 80.00' Rt.	2,086,239.24	1,093,924.28
98+99.40 57.00' Lt.	2,086,081.06	1,093,119.92	99+05.19 43.00' Rt.	2,085,981.05	1,093,125.55	104+58.40 102.00' Lt.	2,086,125.12	1,093,679.00	108+05.58 33.00' Rt.	2,085,989.54	1,094,025.95
98+99.40 62.00' Lt.	2,086,086.06	1,093,119.93	99+70.20 43.00' Rt.	2,085,980.94	1,093,190.55	105+78.40 102.00' Lt.	2,086,124.92	1,093,799.00	108+05.58 43.00' Rt.	2,085,979.54	1,094,025.91
99+49.40 67.00' Lt.	2,086,090.97	1,093,189.93	99+70.09 33.00' Rt.	2,085,990.94	1,093,190.47	106+12.69 72.00' Lt.	2,086,094.86	1,093,833.23	2213+81.28 85.00' Rt.	2,085,955.54	1,094,083.38
100+19.40 72.00' Lt.	2,086,095.86	1,093,239.95	102+29.97 33.00' Rt.	2,085,990.50	1,093,450.34	107+00.83 72.00' Lt.	2,086,094.71	1,093,921.37	2213+81.28 80.00' Rt.	2,085,958.06	1,094,087.70
102+34.40 72.00' Lt.	2,086,095.50	1,093,454.95	102+29.99 38.00' Rt.	2,085,985.50	1,093,450.35	107+42.47 82.00' Lt.	2,086,104.64	1,093,963.03			
102+34.40 82.00' Lt.	2,086,105.50	1,093,454.96	102+58.09 38.00' Rt.	2,085,985.46	1,093,478.45	2218+31.48 99.98' Rt.	2,086,459.65	1,093,796.19			
102+97.03 82.00' Lt.	2,086,105.39	1,093,517.59	301+26.70 38.00' Lt.	2,085,658.88	1,093,475.07	2218+30.69 104.92' Rt.	2,086,457.14	1,093,791.87			
			301+26.70 33.00' Lt.	2,085,658.84	1,093,479.57	2217+05.72 84.94' Rt.	2,086,387.97	1,093,832.07			
						2217+06.51 80.00' Rt.	2,086,390.48	1,093,836.39			

STEARNS SCHOOL ROAD

NOTTING HILL ROAD
165.97' N 00°35'09"E

CONIFER LANE
150.24' S 00°40'18"W

FULLER ROAD
491.62' S 00°35'33"W



Proposed Right-of-Way

Station / Description	Northing	Easting	Station / Description	Northing	Easting
98+64.40 47.00' Lt.	2,086,071.12	1,093,084.91	102+96.91 67.00' Lt.	2,086,090.39	1,093,517.45
98+64.40 52.00' Lt.	2,086,076.12	1,093,084.91	107+23.84 67.00' Lt.	2,086,089.68	1,093,944.38
99+49.40 52.00' Lt.	2,086,075.97	1,093,169.91	2215+75.82 80.00' Lt.	2,086,126.25	1,093,989.95
99+49.40 87.00' Lt.	2,086,110.97	1,093,169.97			
100+19.40 72.00' Lt.	2,086,110.86	1,093,239.97			
100+19.40 67.00' Lt.	2,086,090.86	1,093,239.94			
102+96.91 67.00' Lt.	2,086,090.39	1,093,517.45			

Proposed Alignment

Station / Description	Northing	Easting
89+74.21	2,086,025.61	1,092,194.63
109+22.44	2,086,022.34	1,094,142.87
2203+30.47	2,085,089.73	1,094,684.87
2228+30.47	2,087,251.21	1,093,428.69

BAXTER & WOODMAN
Consulting Engineers
8675 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-439-1200 • FAX: 815-455-0400

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. Route 41

LIMITS : at Stearns School Road COUNTY : LAKE
SECTION : 16-00222-02-CH JOB NO. : R-91-014-20
STA. - TO STA. -
SCALE : 1" = 70' SHEET 2 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: 08-13-2021 REVISION MADE BY: AEB
REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
REVISION DATE: 01 10 2020 REVISION MADE BY: AEB

IDOT USE ONLY

SCALE: SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
124	2023-917-TL	LAKE	173	80

CONTRACT NO. 62W53

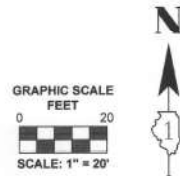
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAXTER & WOODMAN
Consulting Engineers

USER NAME	DESIGNED	REVISION
= mornlg	- AB	-
	DRAWN - MAC	REVISED -
	CHECKED - AB	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

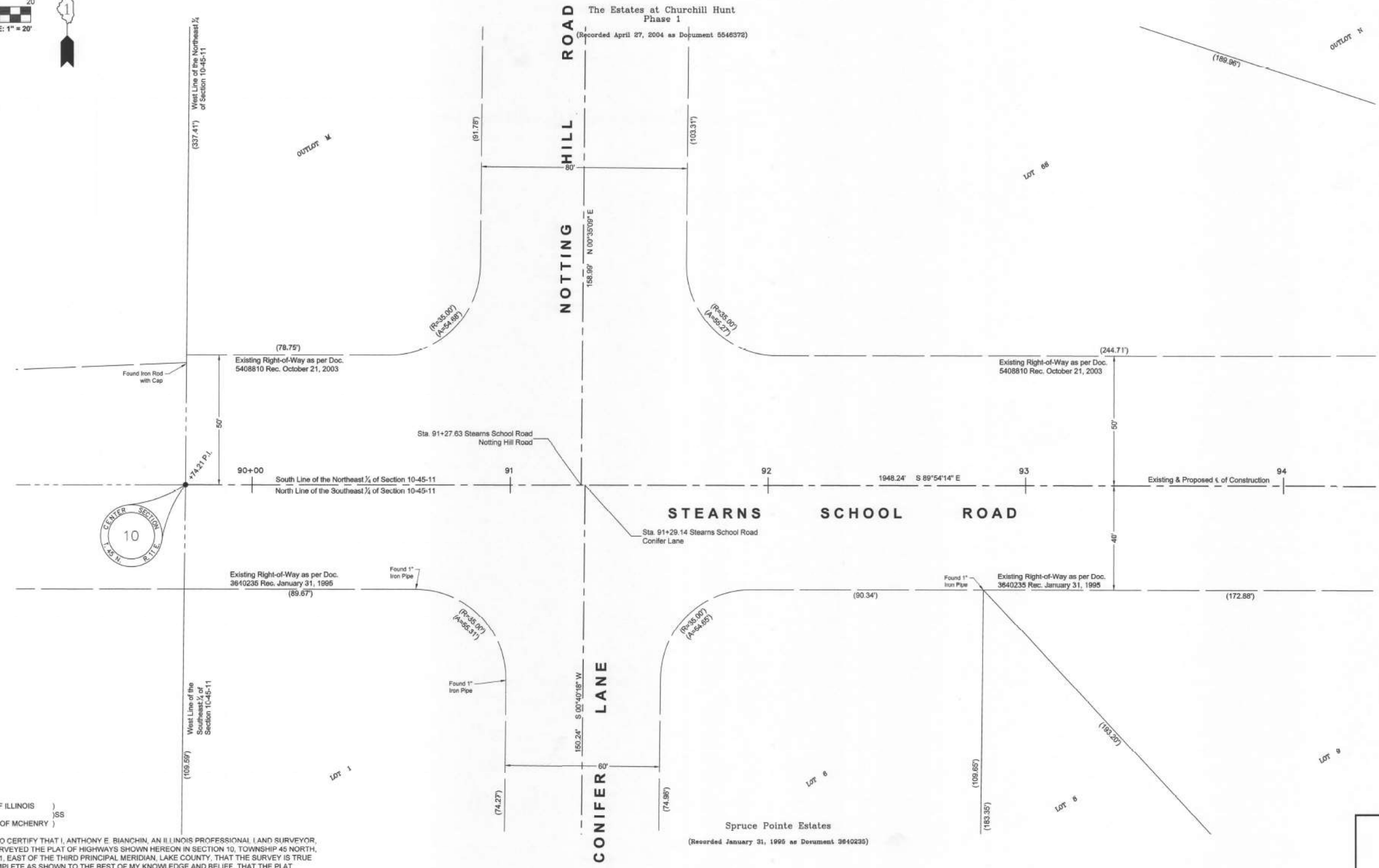
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
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Plotted: 8/15/2019 @ 3:05 PM By: ABANICHIN
State of Illinois - Professional Design Firm
License No. - 184-001121 - Expires 4-30-21

PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS



LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	SECTION / QUARTER SECTION LINE		PLATTED LOT LINES
	PROPERTY (DEED) LINE		APPARENT PROPERTY LINE
	EXISTING CENTERLINE		PROPOSED CENTERLINE
	EXISTING RIGHT OF WAY LINE		PROPOSED RIGHT OF WAY LINE
	EXISTING EASEMENT		PROPOSED EASEMENT
	EXISTING ACCESS CONTROL LINE		PROPOSED ACCESS CONTROL LINE
	MEASURED DIMENSION		COMPUTED DIMENSION
	RECORDED DIMENSION		EXISTING BUILDING
	IRON PIPE OR ROD FOUND		"MAG" NAIL SET
	CUT CROSS FOUND OR SET		5/8" REBAR SET
	STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.		
	STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.		
	PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)		
	RIGHT OF WAY STAKING PROPOSED TO BE SET		



See Sheet 4

BAXTER & WOODMAN
Consulting Engineers
8678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-459-1269 • FAX: 815-455-0430

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. Route 41

LIMITS : at Stearns School Road COUNTY : LAKE
SECTION : 16-0222-02-CH JOB NO. : R-91-014-20
STA. 89+75 TO STA. 94+25
SCALE : 1" = 20' SHEET 3 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

STATE OF ILLINOIS)
COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHINI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 24th DAY OF FEBRUARY, 2021 A.D.

Anthony E. Bianchini
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

"LICENSE EXPIRES 11-30-2022"



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
morning 12/6/2023 10:07:56 AM
FILE: \\baxterwoodman.com\Projects\Crystal Lake\CDOT\161141-US 41-Stearns School\CADD\Sheets-Phase 1\161141_SHT_Plats.dgn



USER NAME = morng	DESIGNED - AB	REVISED -
	DRAWN - MAC	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
124	2023-917-TL	LAKE	173	81
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSP-9(673)	

PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NP0001 1NP0001E-A 1NP0001E-B	8.009	0.915	0.714	5.094	0.061 0.046	2,650 2,014	07-10-200-015
1NP0002E-A 1NP0002E-B 1NP0002E-C	8.083	N/A	N/A	8.083	0.009 0.015 0.041	380 650 1,799	07-10-400-012

LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

GRAPHIC SCALE FEET 0 10 20 SCALE: 1" = 20'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- - - APPARENT PROPERTY LINE
- - - EXISTING CENTERLINE
- - - PROPOSED CENTERLINE
- - - EXISTING RIGHT OF WAY LINE
- - - PROPOSED RIGHT OF WAY LINE
- - - EXISTING EASEMENT
- - - PROPOSED EASEMENT
- - - EXISTING ACCESS CONTROL LINE
- - - PROPOSED ACCESS CONTROL LINE
- - - MEASURED DIMENSION (129.32')
- - - COMPUTED DIMENSION (129.32')
- - - RECORDED DIMENSION
- ▨ EXISTING BUILDING

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 + CUT CROSS FOUND OR SET ● 5/8" REBAR SET

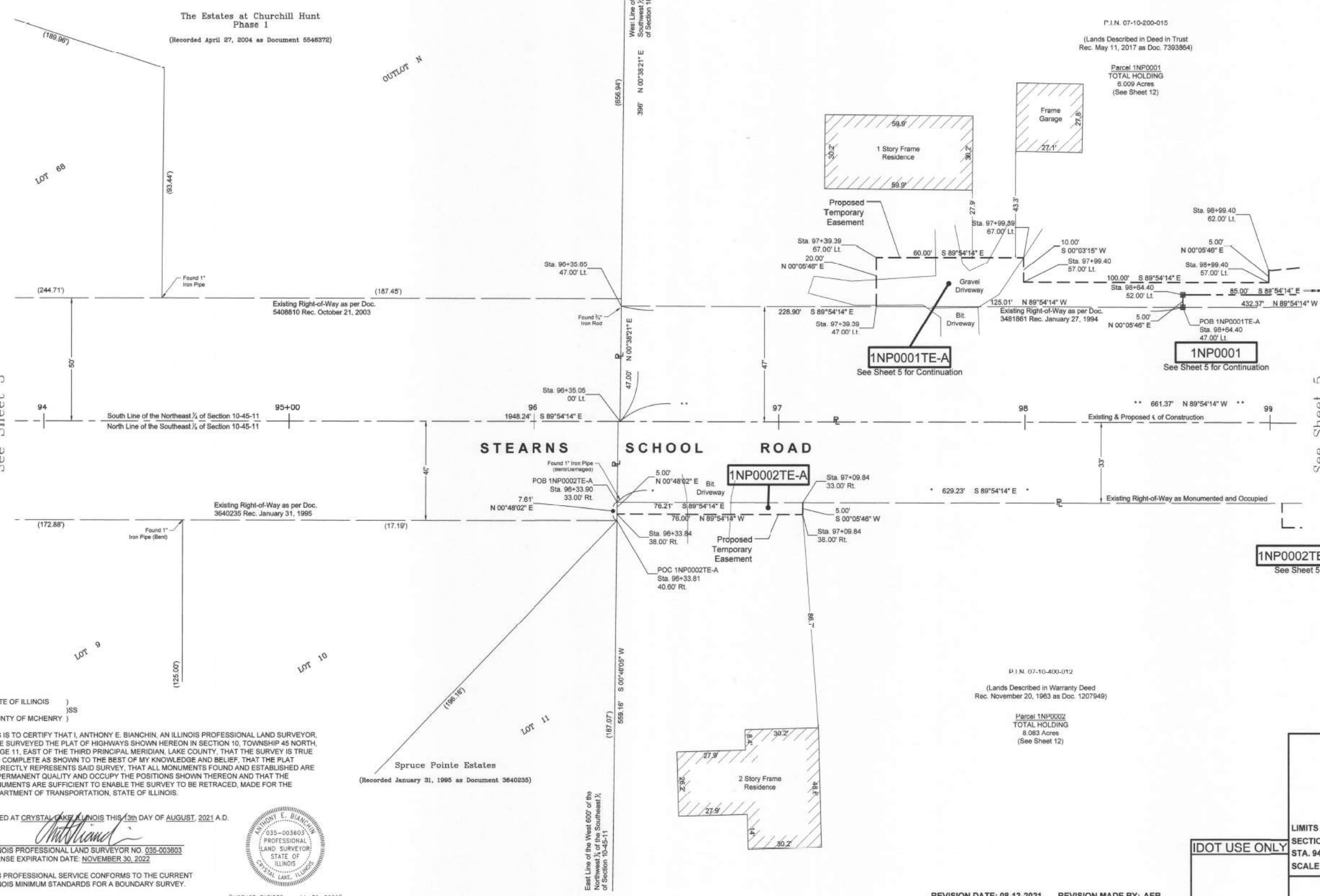
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.

■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

Notes:
 • Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
 • Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
 • All dimensions are measured unless otherwise noted.
 • All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.



The Estates at Churchill Hunt Phase I
 (Recorded April 27, 2004 as Document 5546372)

STEARNS SCHOOL ROAD

BAXTER & WOODMAN
 Consulting Engineers
 5678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
 PHONE: 815-459-1200 • FAX: 815-455-0430

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

U.S. Route 41

LIMITS: at Stearns School Road COUNTY: LAKE
 SECTION: 16-00222-02-CH JOB NO.: R-91-014-20
 STA. 94+00 TO STA. 99+00
 SCALE: 1" = 20' SHEET 4 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 Schaumburg, Illinois 60196

STATE OF ILLINOIS)
 COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHIN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 13th DAY OF AUGUST, 2021 A.D.

Anthony E. Bianchin
 PROFESSIONAL LAND SURVEYOR NO. 035-003803
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

ANTHONY E. BIANCHIN
 035-003803
 PROFESSIONAL LAND SURVEYOR
 STATE OF ILLINOIS
 CRYSTAL LAKE, ILLINOIS

"LICENSE EXPIRES 11-30-2022"

USER NAME = mornlg	DESIGNED = AB	REVISED =
DRAWN = MAC	CHECKED = AB	REVISED =
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PLOT DATE = 12/6/2023		

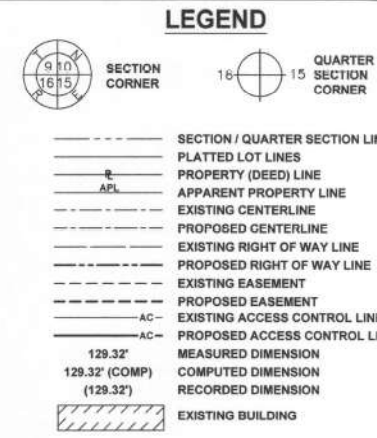
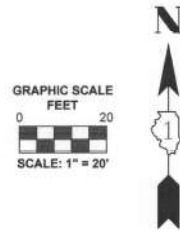
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REVISION DATE: 08-13-2021 REVISION MADE BY: AEB
 REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
 REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

SCALE: SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12/4/2021	2023-917-TL	LAKE	173	82
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT H5IP-9AR6(773)				

PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS



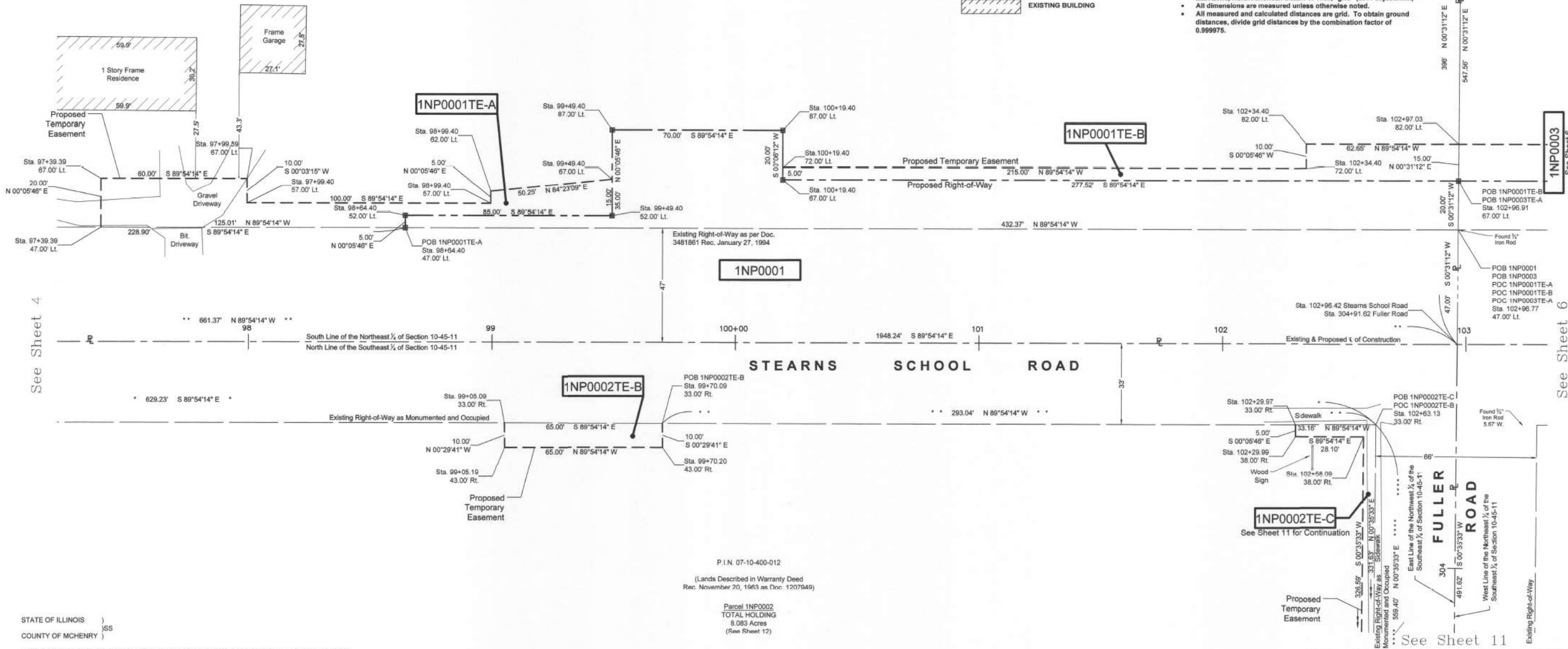
- IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 23 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET
- Notes:
- Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
 - Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
 - All dimensions are measured unless otherwise noted.
 - All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.

P.I.N. 07-10-200-015
(Lands Described in Deed in Trust
Rec. May 11, 2017 as Doc. 7393864)

Parcel 1NP0001
TOTAL HOLDING
6.009 Acres
(See Sheet 12)

P.I.N. 07-10-400-012
(Lands Described in Warranty Deed
Rec. November 20, 1963 as Doc. 1207949)

Parcel 1NP0002
TOTAL HOLDING
8.083 Acres
(See Sheet 12)



STATE OF ILLINOIS)
COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHIN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 13th DAY OF AUGUST, 2021 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NP0001 1NP0001TE-A 1NP0001TE-B	6.009	0.915	0.714	5.094	0.061 0.046	2,650 2,014	07-10-200-015
1NP0002TE-A 1NP0002TE-B 1NP0002TE-C	8.083	N/A	N/A	8.083	0.009 0.015 0.041	380 650 1,799	07-10-400-012

BAXTER & WOODMAN
Consulting Engineers
8678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-499-1260 • FAX: 815-455-0450

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. Route 41

LIMITS : at Stearns School Road COUNTY : LAKE
SECTION : 16-00222-02-CH JOB NO. : R-91-014-20
STA. 97+25 TO STA. 103+00
SCALE : 1" = 20' SHEET 5 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SHAUMBURG, ILLINOIS 60196

REVISION DATE: 08-13-2021 REVISION MADE BY: AEB
REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
REVISION DATE: 03-16-2020 REVISION MADE BY: AEB
REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

USER NAME = mmrjg	DESIGNED - AB	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
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CRYSTAL LAKE\CDOT\161141-US 41-STEARNS SCHOOL\CADD\PLATS\161141 - PLATS.DWG Sheet 5
Plotted: 8/15/2019 @ 3:05 PM By: ABIANCHIN
State of Illinois - Professional Design Firm
License No. - 184-001121 - Expires 4-30-21

PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS

LEGEND

GRAPHIC SCALE FEET: 0 10 20 SCALE: 1" = 20'

SECTION CORNER: 9 10 15 16 15

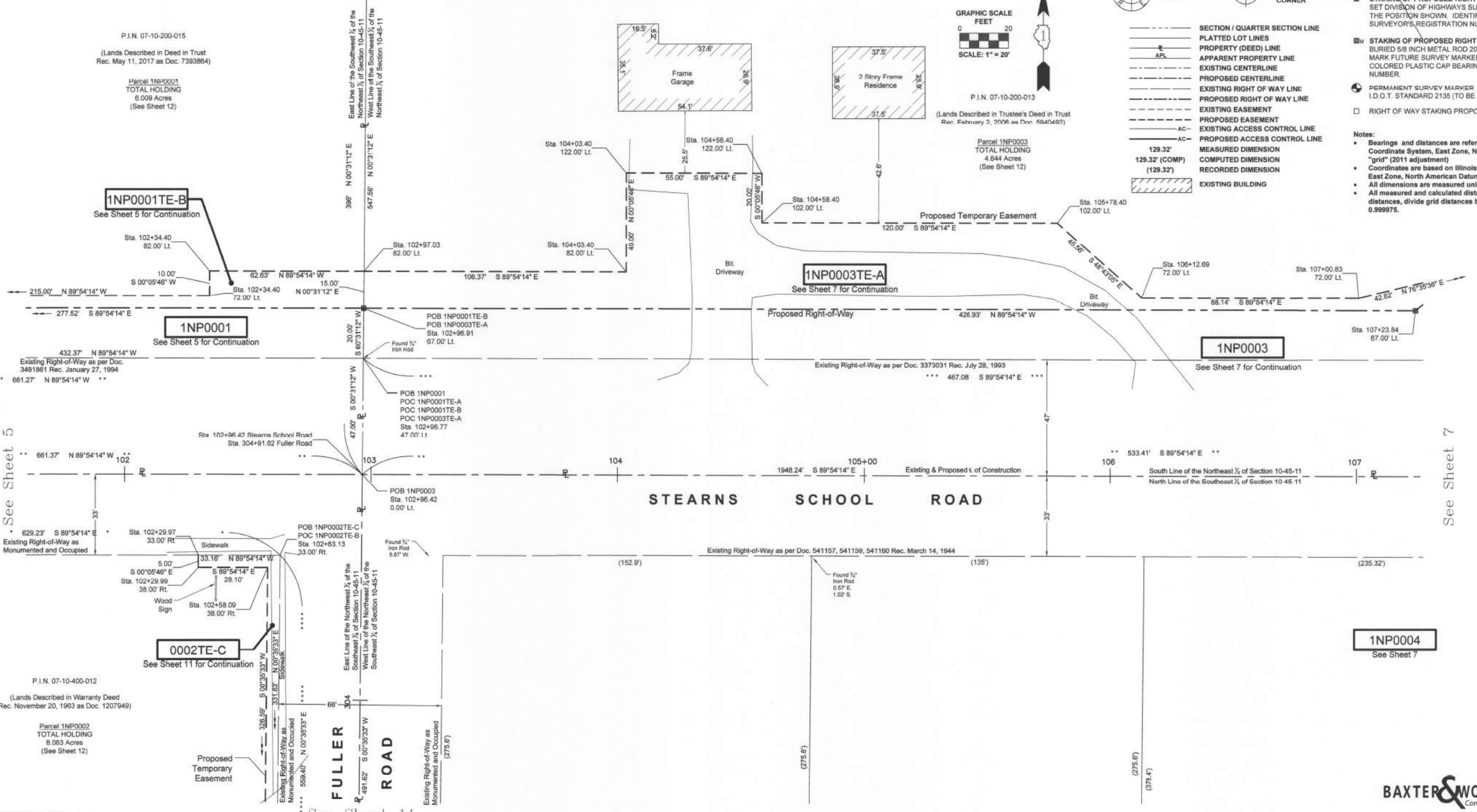
QUARTER SECTION CORNER: 16 15

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION (129.32')
- COMPUTED DIMENSION (129.32')
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET

Notes:

- Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- All dimensions are measured unless otherwise noted.
- All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.



P.I.N. 07-10-200-015
(Lands Described in Deed in Trust
Rec. May 11, 2017 as Doc. 7393864)

Parcel 1NP0001
TOTAL HOLDING
6.009 Acres
(See Sheet 12)

P.I.N. 07-10-200-013
(Lands Described in Trustee's Deed in Trust
Rec. February 2, 2006 as Doc. 5604092)

Parcel 1NP0003
TOTAL HOLDING
4.844 Acres
(See Sheet 12)

P.I.N. 07-10-400-012
(Lands Described in Warranty Deed
Rec. November 20, 1963 as Doc. 1207949)

Parcel 1NP0002
TOTAL HOLDING
8.083 Acres
(See Sheet 12)

STATE OF ILLINOIS)
COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHIN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 15th DAY OF SEPTEMBER, 2021 A.D.

Anthony E. Bianchin
ANTHONY E. BIANCHIN
035-003603
PROFESSIONAL
LAND SURVEYOR
STATE OF
ILLINOIS
CRYSTAL LAKE, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

"LICENSE EXPIRES 11-30-2022"

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NP0001 1NP0001TE-A 1NP0001TE-B	6.009	0.915	0.714	5.094	0.061 0.046	2,650 2,014	07-10-200-015
1NP0002TE-A 1NP0002TE-B 1NP0002TE-C	8.083	N/A	N/A	8.083	0.009 0.015 0.041	380 650 1,799	07-10-400-012
1NP0003 1NP0003TE-A 1NP0003TE-B 1NP0003TE-C	4.844	0.818	0.572	4.026	0.235 0.015 0.009	10,225 633 400	07-10-200-013

REVISION DATE: 09-15-2021 REVISION MADE BY: AEB
 REVISION DATE: 08-13-2021 REVISION MADE BY: AEB
 REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
 REVISION DATE: 03-16-2020 REVISION MADE BY: AEB
 REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

BAXTER & WOODMAN
Consulting Engineers

8678 RINGFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-459-1360 • FAX: 815-455-6499

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. Route 41

LIMITS: at Stearns School Road COUNTY: LAKE
SECTION: 16-00222-02-CH JOB NO.: R-91-014-20
STA. 101+75 TO STA. 107+25
SCALE: 1" = 20' SHEET 6 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SHAUMBURG, ILLINOIS 60196

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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 12/06/2023
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 12/06/2023
 10:08:11 AM
 12/06/2023
 10:08:11 AM
 12/06/2023
 10:08:11 AM

CRYSTAL LAKE\CDOT\161141-US 41-STEARNs SCHOOL\PLATS\161141 - PLATS.DWG Sheet 6
 Plotted: 8/15/2019 @ 3:05 PM By: ABIANCHIN
 State of Illinois - Professional Design Firm
 License No. - 184-001121 - Expires 4-30-21

BAXTER & WOODMAN
Consulting Engineers

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PLOT DATE = 12/6/2023	CHECKED - AB	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

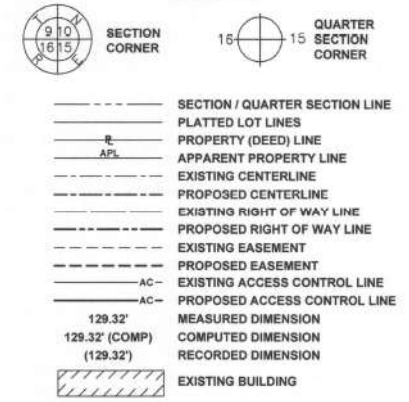
SCALE: SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12/14/2023	2023-917-TL	LAKE	173	84
CONTRACT NO. 62W53				

ILLINOIS FED. AID PROJECT HSP-94R(73)

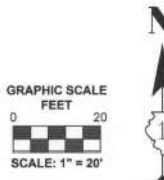
PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS

LEGEND

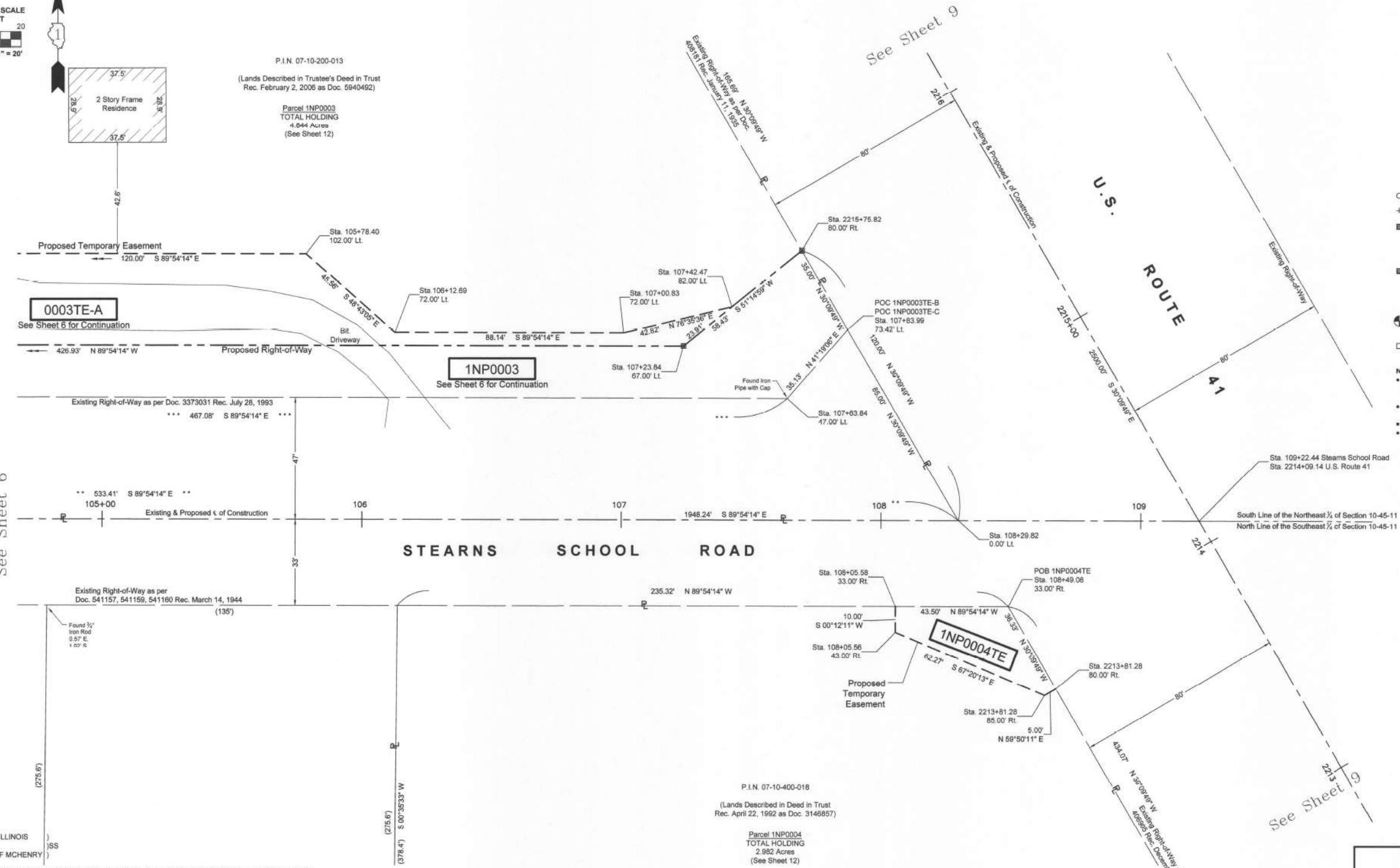


- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- ▬ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- ▬ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

Notes:
 • Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
 • Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
 • All dimensions are measured unless otherwise noted.
 • All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.



P.I.N. 07-10-200-013
 (Lands Described in Trustee's Deed in Trust Rec. February 2, 2006 as Doc. 5940492)
 Parcel 1NP0003
 TOTAL HOLDING
 4.844 Acres
 (See Sheet 12)



PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NP0003	4.844	0.818	0.572	4.026	0.235	10,225	07-10-200-013
1NP0003TE-A					0.015	633	
1NP0003TE-B					0.009	400	
1NP0004TE	2.982	N/A	N/A	2.982	0.026	1,116	07-10-400-018

BAXTER & WOODMAN
 Consulting Engineers
 8678 RIVERFRONT ROAD • CRYSTAL LAKE, IL 60017
 PHONE: 815-439-1260 • FAX: 815-455-0450

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
U.S. Route 41

LIMITS : at Stearns School Road COUNTY : LAKE
 SECTION : 16-00222-02-CH JOB NO. : R-91-014-20
 STA. 104+75 TO STA. 109+22
 SCALE : 1" = 20' SHEET 7 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

STATE OF ILLINOIS
 COUNTY OF MCHENRY

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHIN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 15th DAY OF SEPTEMBER, 2021 A.D.

Anthony E. Bianchin
 ANTHONY E. BIANCHIN
 035-003603
 PROFESSIONAL LAND SURVEYOR
 STATE OF ILLINOIS
 CRYSTAL LAKE, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. "LICENSE EXPIRES 11-30-2022"

REVISION DATE: 09-15-2021 REVISION MADE BY: AEB
 REVISION DATE: 08-13-2021 REVISION MADE BY: AEB
 REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
 REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

IDOT USE ONLY

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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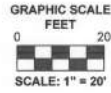
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PLOT DATE = 12/6/2023	CHECKED - AB	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 7 OF 12 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
124	2023-917-TL	LAKE	173	85
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT HSP-9AR(73)				

PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS

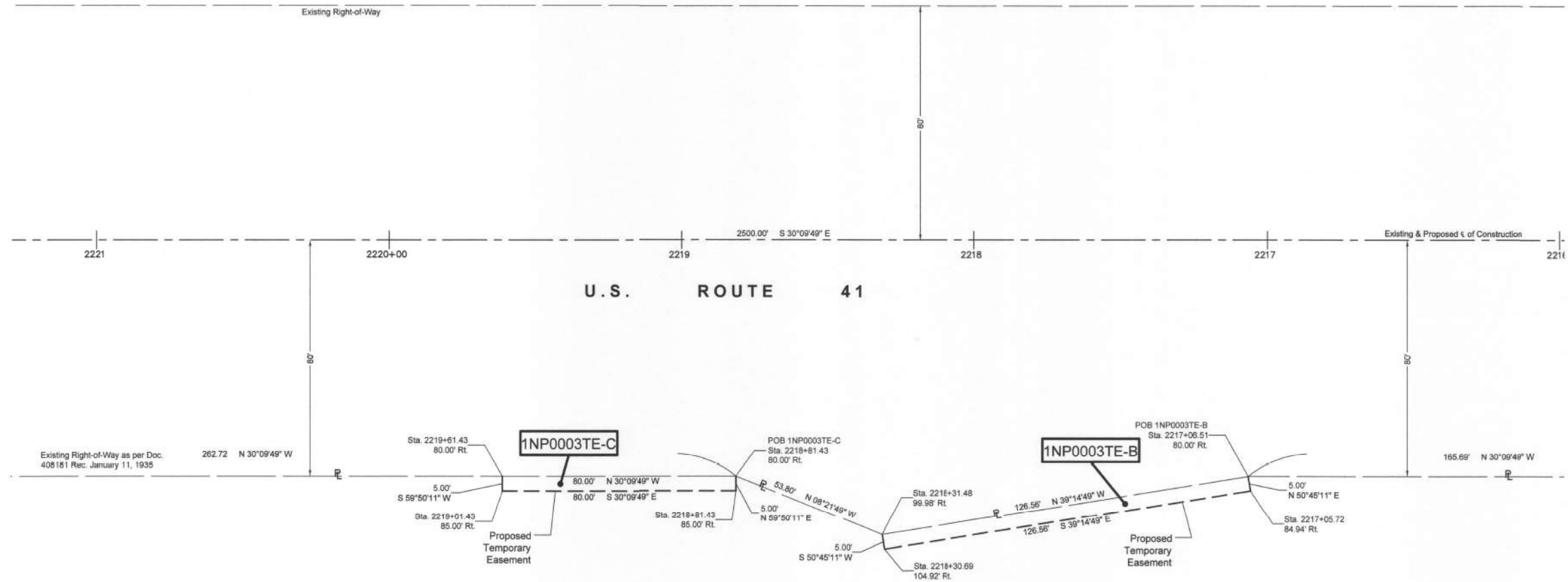


LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- 129.32' (COMP)
- 129.32' (129.32')
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

Notes:

- Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- All dimensions are measured unless otherwise noted.
- All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.



See Sheet 9

STATE OF ILLINOIS)
) SS
 COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHIN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 15th DAY OF SEPTEMBER, 2021 A.D.

Anthony E. Bianchin
 ANTHONY E. BIANCHIN
 035-003603
 PROFESSIONAL
 LAND SURVEYOR
 STATE OF
 ILLINOIS
 CRYSTAL LAKE, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

"LICENSE EXPIRES 11-30-2022"

P.I.N. 07-10-200-013
 (Lands Described in Trustee's Deed in Trust
 Rec. February 2, 2008 as Doc. 5940492)

Parcel 1NP0003
 TOTAL HOLDING
 4.844 Acres
 (See Sheet 12)

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NP0003	4.844	0.818	0.572	4.026	0.235	10,225	07-10-200-013
1NP0003TE-A					0.015	633	
1NP0003TE-B					0.009	400	
1NP0003TE-C							

REVISION DATE: 09-15-2021 REVISION MADE BY: AEB
 REVISION DATE: 08-13-2021 REVISION MADE BY: AEB
 REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
 REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

IDOT USE ONLY

BAXTER & WOODMAN
 Consulting Engineers
 8678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
 PHONE: 815-459-1260 • FAX: 815-455-0450

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
U.S. Route 41

LIMITS : at Stearns School Road COUNTY : LAKE
 SECTION : 16-00222-02-CH JOB NO. : R-91-014-20
 STA. 402+25 TO STA. 407+25
 SCALE : 1" = 20' SHEET 8 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

USER NAME = mornlg	DESIGNED - AB	REVISED -
	DRAWN - MAC	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED - AB	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

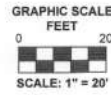
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 8 OF 12 SHEETS	STA.	TO STA.
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
1244	2023-917-TL	LAKE	173 86
CONTRACT NO. 62W53			SHEET NO.
ILLINOIS FED. AID PROJECT HSP-9(AR6)(73)			

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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 State of Illinois - Professional Design Firm
 License No. - 184-001121 - Expires 4-30-21



PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS



PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NP0003 1NP0003TE-A 1NP0003TE-B 1NP0003TE-C	4.844	0.818	0.572	4.026	0.235 0.015 0.009	10,225 633 400	07-10-200-013
1NP0004TE	2.982	N/A	N/A	2.982	0.026	1,116	07-10-400-018

LEGEND

SECTION CORNER: 9 10 15 16

QUARTER SECTION CORNER: 15

IRON PIPE OR ROD FOUND:

CUT CROSS FOUND OR SET:

"MAG" NAIL SET:

5/8" REBAR SET:

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.

PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

Notes:

- Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- All dimensions are measured unless otherwise noted.
- All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPROPRIATE PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

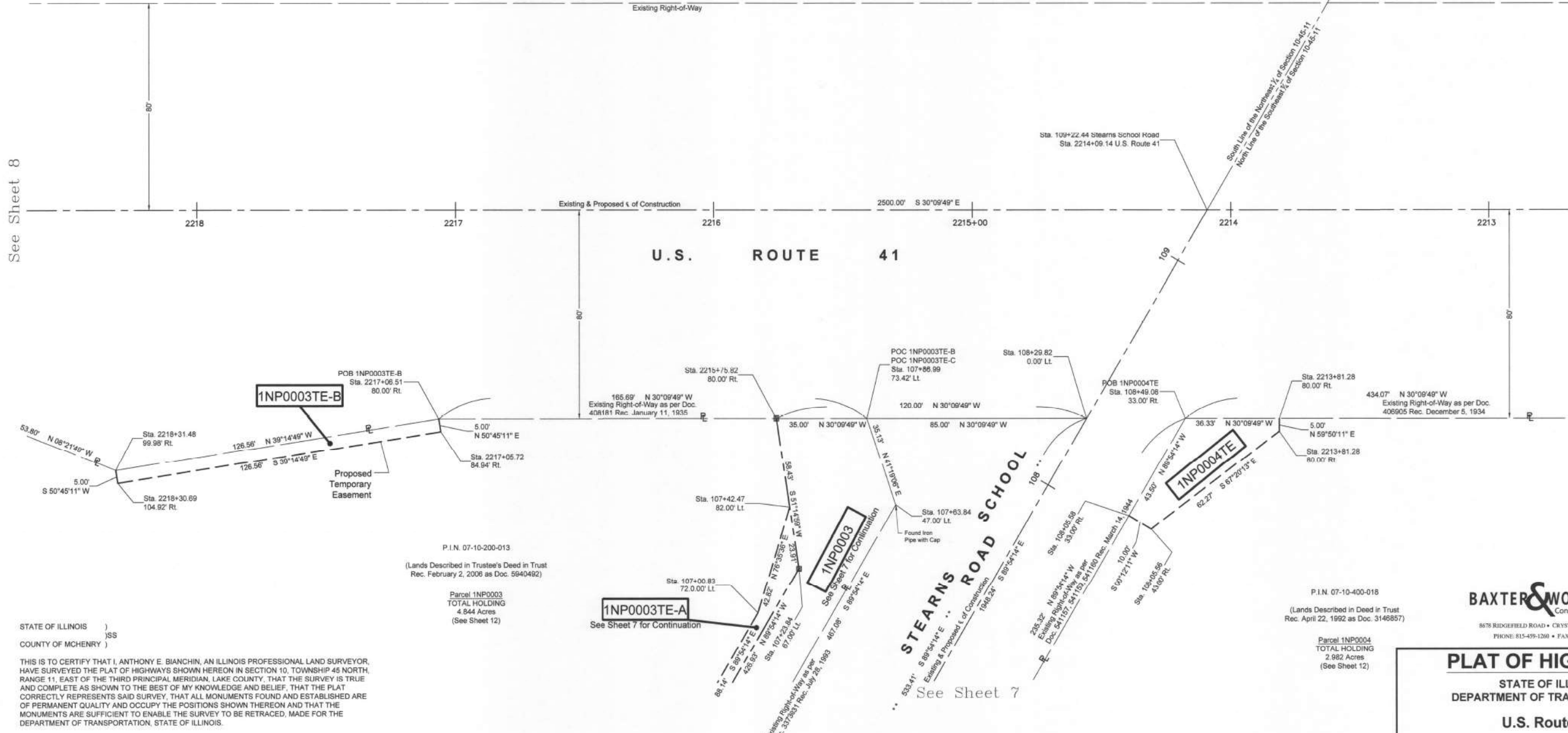
PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION: 129.32' (COMP)

COMPUTED DIMENSION: (129.32')

RECORDED DIMENSION

EXISTING BUILDING



See Sheet 8

See Sheet 10

STATE OF ILLINOIS)
COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHIN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 15th DAY OF SEPTEMBER, 2021 A.D.

ANTHONY E. BIANCHIN
035-003603
PROFESSIONAL LAND SURVEYOR
STATE OF ILLINOIS
CRYSTAL LAKE, ILLINOIS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

"LICENSE EXPIRES 11-30-2022"

P.I.N. 07-10-200-013
(Lands Described in Trustee's Deed in Trust Rec. February 2, 2006 as Doc. 5940482)

Parcel 1NP0003
TOTAL HOLDING
4.844 Acres
(See Sheet 12)

P.I.N. 07-10-400-018
(Lands Described in Deed in Trust Rec. April 22, 1992 as Doc. 3146857)

Parcel 1NP0004
TOTAL HOLDING
2.982 Acres
(See Sheet 12)

BAXTER & WOODMAN
Consulting Engineers
8678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-459-1200 • FAX: 815-455-0450

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. Route 41

LIMITS : at Stearns School Road COUNTY : LAKE
SECTION : 16-00222-02-CH JOB NO. : R-91-014-20
STA. 404+75 TO STA. 410+50
SCALE : 1" = 20' SHEET 9 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

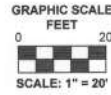
REVISION DATE: 09-15-2021 REVISION MADE BY: AEB
REVISION DATE: 08-13-2021 REVISION MADE BY: AEB
REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

USER NAME = mmorlg	DESIGNED - AB	REVISED -
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PLOT DATE = 12/6/2023	CHECKED - AB	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS

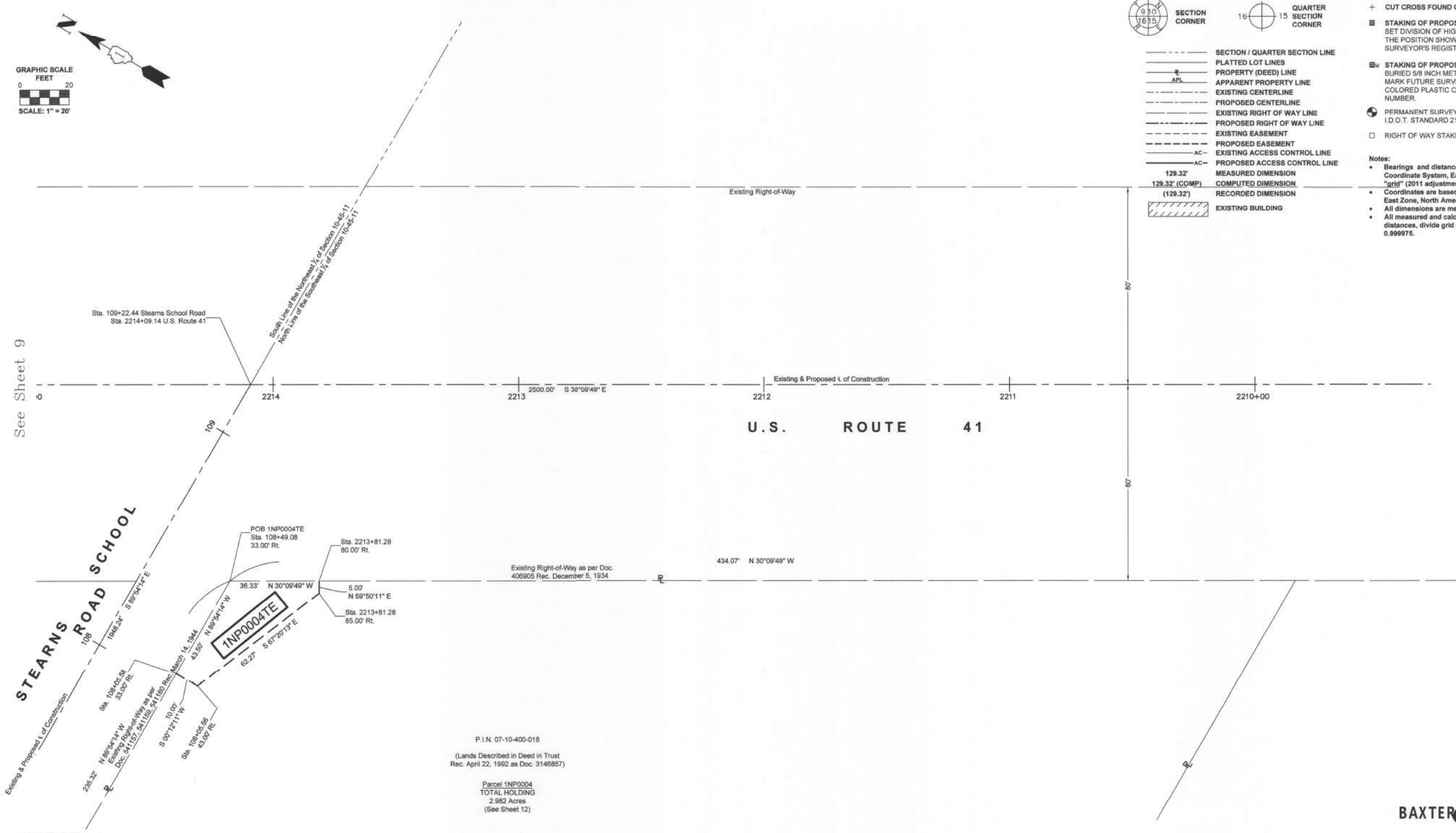


LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPLICABLE APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

Notes:

- Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- All dimensions are measured unless otherwise noted.
- All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999875.



P.I.N. 07-10-400-018
 (Lands Described in Deed in Trust
 Rec. April 22, 1992 as Doc. 3146857)
 Parcel 1NP0004
 TOTAL HOLDING
 2.982 Acres
 (See Sheet 12)

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NP0004TE	2.982	N/A	N/A	2.982	0.026	1,116	07-10-400-018

BAXTER & WOODMAN
 Consulting Engineers
 8678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60912
 PHONE: 815-459-1260 • FAX: 815-455-0450

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
U.S. Route 41

LIMITS : at Stearns School Road COUNTY : LAKE
 SECTION : 16-00222-02-CH JOB NO. : R-91-014-20
 STA. 408+25 TO STA. 414+00
 SCALE : 1" = 20' SHEET 10 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

STATE OF ILLINOIS)
 COUNTY OF MCHENRY)
 THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHIN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT CRYSTAL LAKE, ILLINOIS THIS 24th DAY OF FEBRUARY, 2021 A.D.
 ANTHONY E. BIANCHIN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003603
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
 REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

IDOT USE ONLY

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = morrig	DESIGNED - AB	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - MAC	REVISED -
PLOT DATE = 12/6/2023	CHECKED - AB	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1244	2023-917-TL	LAKE	173	88
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSP-9(6)(73)				



GRAPHIC SCALE
0 20
FEET
SCALE: 1" = 20'



SECTION CORNER



QUARTER SECTION CORNER

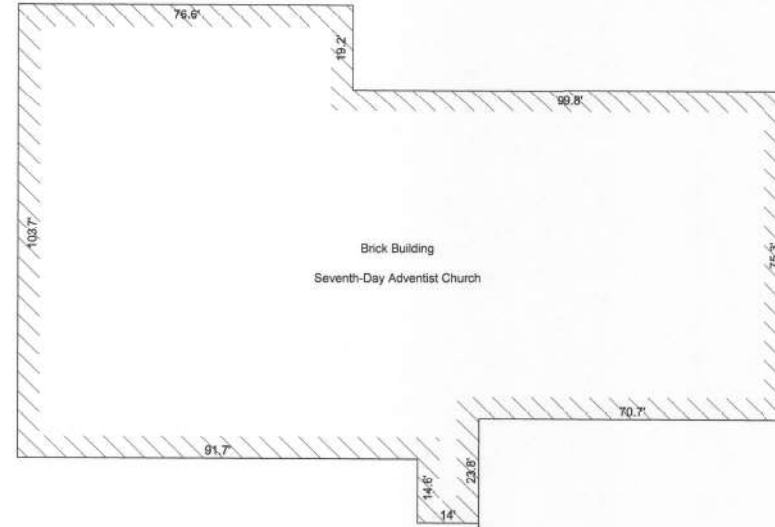
LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

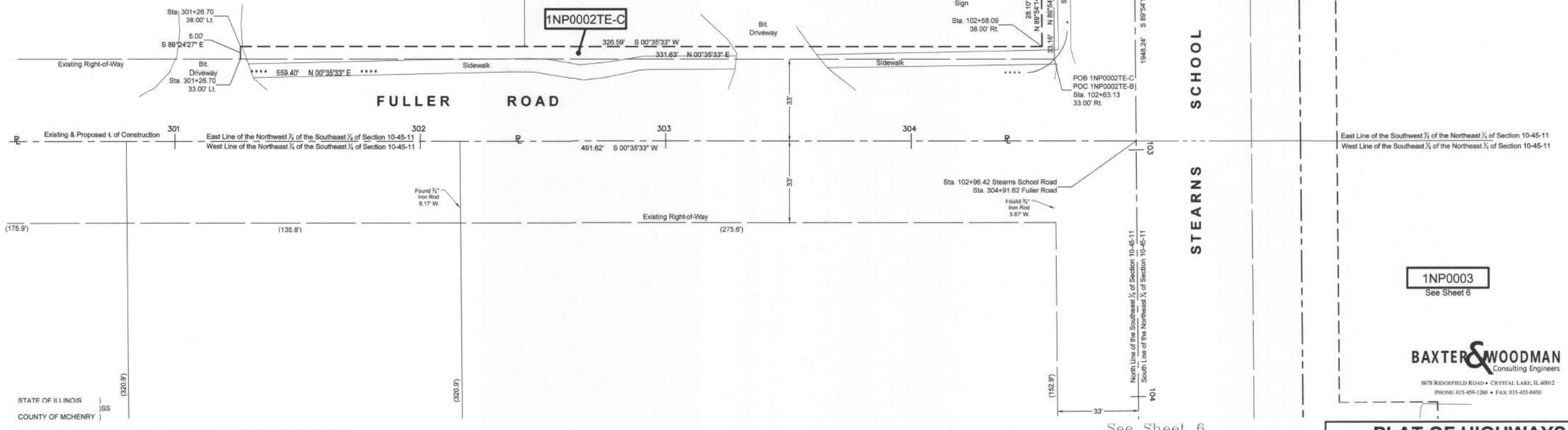
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

Notes:

- Bearings and distances are referenced to Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
- All dimensions are measured unless otherwise noted.
- All measured and calculated distances are grid. To obtain ground distances, divide grid distances by the combination factor of 0.999975.



P.L.N. 07-10-400-012
(Lands Described in Warranty Deed
Rec. November 20, 1983 as Doc. 1207949)
Parcel 1NP0002
TOTAL HOLDING
8.083 Acres
(See Sheet 12)



STATE OF ILLINOIS)
COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHINI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CRYSTAL LAKE, ILLINOIS THIS 24th DAY OF FEBRUARY, 2021 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 036-003803
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

LICENSE EXPIRES 11-30-2022

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1NP0002TE-A	8.083	N/A	N/A	8.083	0.009	380	07-10-400-012
1NP0002TE-B					0.015	650	
1NP0002TE-C					0.041	1,799	

REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
REVISION DATE: 03-16-2020 REVISION MADE BY: AEB
REVISION DATE: 01-10-2020 REVISION MADE BY: AEB

BAXTER & WOODMAN
Consulting Engineers
8678 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
PHONE: 815-459-1260 • FAX: 815-455-0450

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. Route 41

LIMITS : at Stearns School Road COUNTY : LAKE
SECTION : - JOB NO. : R-91-014-20
STA. 300+25 TO STA. 304+91
SCALE : 1" = 20' SHEET 11 OF 12 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
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CRYSTAL LAKE, ILLINOIS 60012
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State of Illinois - Professional Design Firm
License No. - 184-001121 - Expires 4-30-21

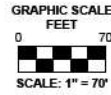
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	CHECKED - AB	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 11 OF 12 SHEETS, STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
224 948	2023-917-TL	LAKE	173	89
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT HSP-9(673)				

PART OF SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS



SECTION CORNER



QUARTER SECTION CORNER

- LEGEND**
- SECTION / QUARTER SECTION LINE
 - PLATTED LOT LINES
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - EXISTING CENTERLINE
 - PROPOSED CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - EXISTING EASEMENT
 - PROPOSED EASEMENT
 - EXISTING ACCESS CONTROL LINE
 - PROPOSED ACCESS CONTROL LINE
 - MEASURED DIMENSION
 - 129.32' (COMP)
 - 129.32' (RECORDED DIMENSION)
 - ▨ EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ "MAG" NAIL SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET

Notes:

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- Coordinates are based on Illinois State Plane Coordinate System, East Zone, North American Datum of 1983, "grid" (2011 adjustment)
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STATE OF ILLINOIS)
COUNTY OF MCHENRY)

THIS IS TO CERTIFY THAT I, ANTHONY E. BIANCHINI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 10, TOWNSHIP 45 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

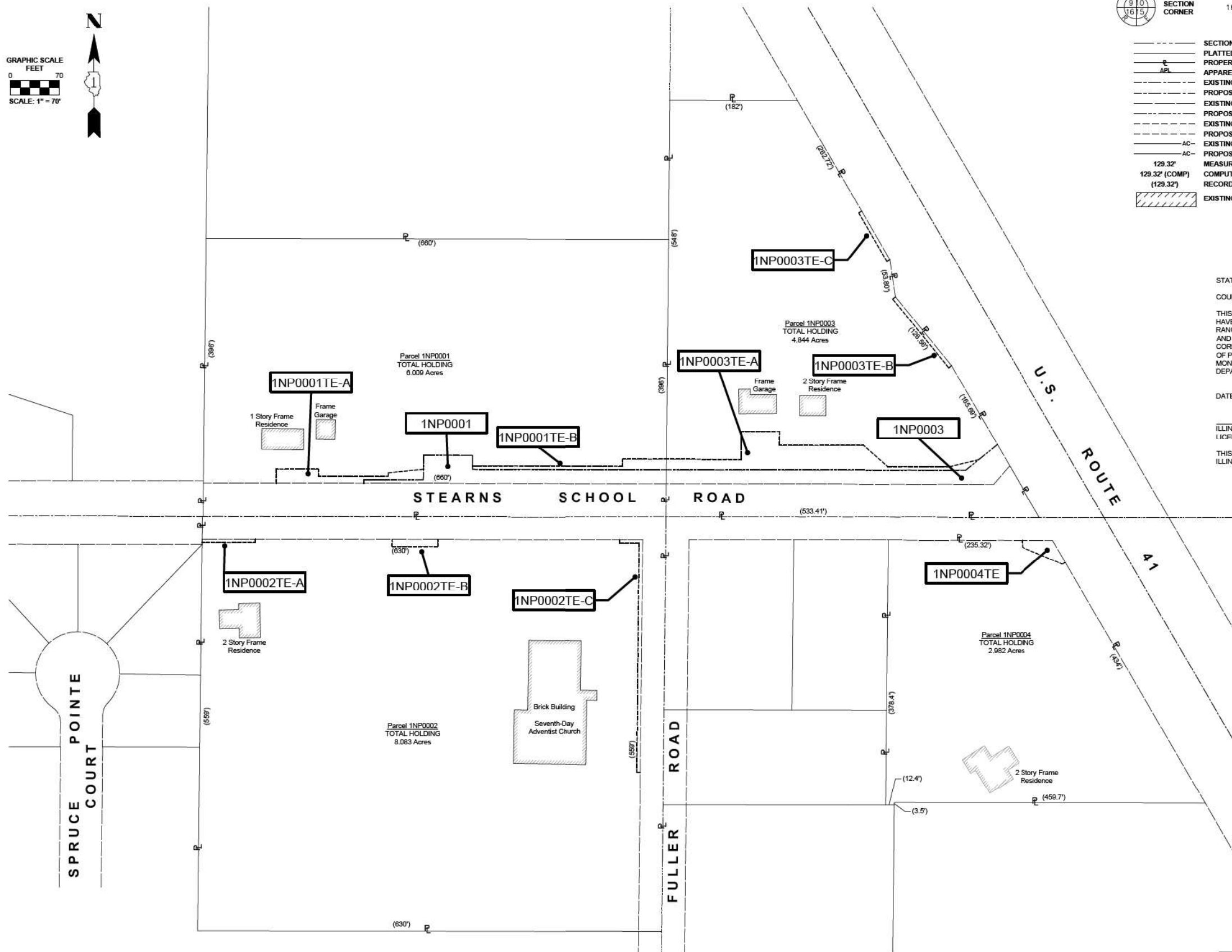
DATED AT CRYSTAL LAKE, ILLINOIS THIS 15th DAY OF SEPTEMBER, 2021 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003803
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



"LICENSE EXPIRES 11-30-2022"



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
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 Plotted: 8/15/2019 @ 3:05 PM By: ANTHONY E. BIANCHINI
 State of Illinois - Professional Design Firm
 License No. - 184-001121 - Expires 4-30-21



USER NAME = morrlg	DESIGNED - AB	REVISED -
	DRAWN - MAC	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - AB	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT_Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REVISION DATE: 09-15-2021 REVISION MADE BY: AEB
 REVISION DATE: 08-13-2021 REVISION MADE BY: AEB
 REVISION DATE: 02-24-2021 REVISION MADE BY: AEB
 REVISION DATE: 01 10 2020 REVISION MADE BY: AEB

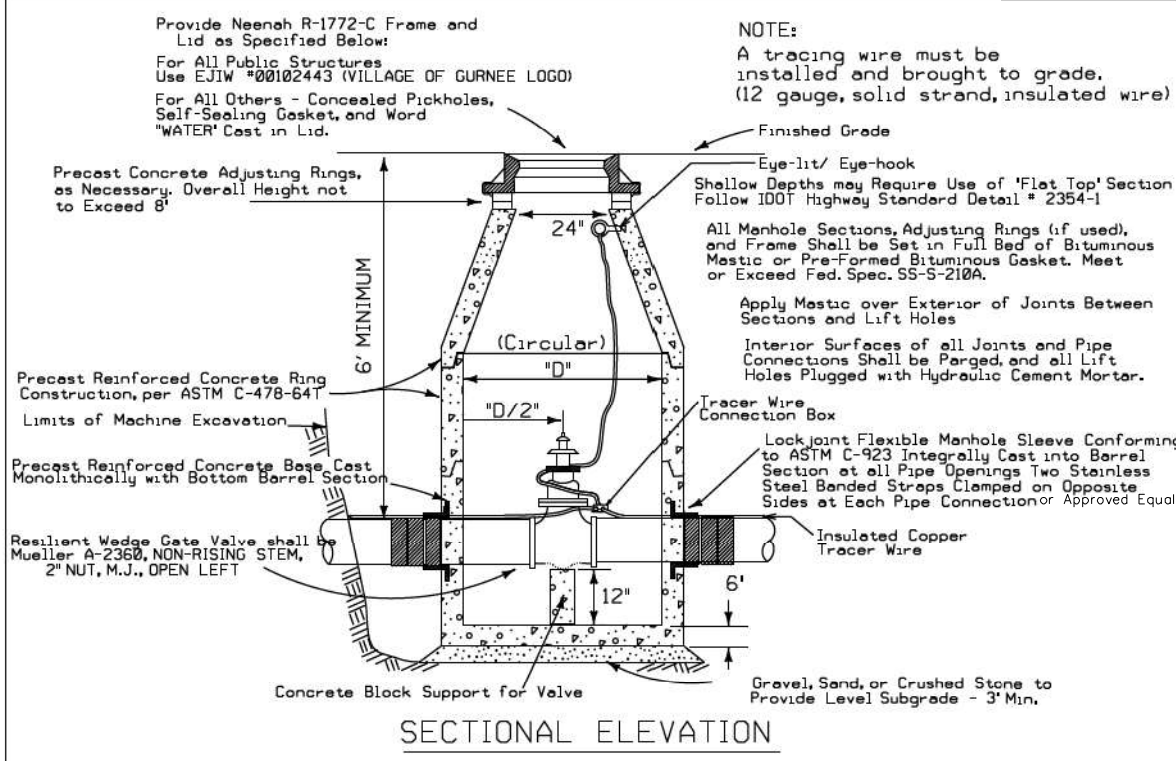
IDOT USE ONLY

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
U.S. Route 41
 LIMITS : at Stearns School Road COUNTY : LAKE
 SECTION : 16-00222-02-CH JOB NO. : R-91-014-20
 STA. N/A TO STA. N/A
 SCALE : 1" = 70' SHEET 12 OF 12 SHEETS
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

BAXTER & WOODMAN
 Consulting Engineers
 8875 RIDGEFIELD ROAD • CRYSTAL LAKE, IL 60012
 PHONE: 815-450-1200 • FAX: 815-450-0400

SCALE:	SHEET 12 OF 12 SHEETS	STA.	TO STA.
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
1214	2023-917-TL	LAKE	173 90
			CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT HSP-9(6)(73)			

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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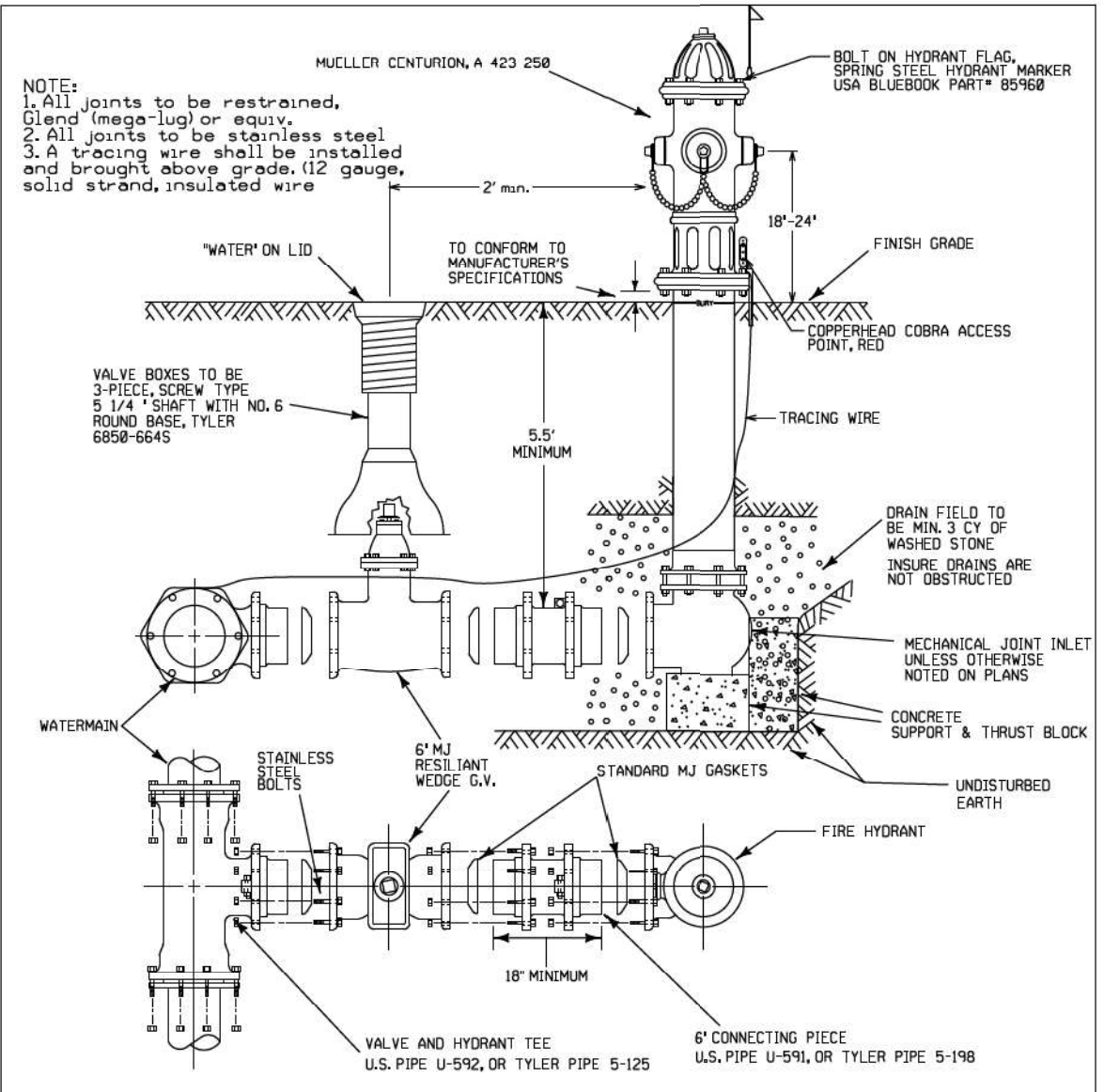
- NOTES:**
- Dimension 'D' Shall be 48" When Watermain is Less Than 10" in Diameter, 60" When Diameter of Main is 10" or 12", 72" When Diameter of Main is 14" or 16", and 84" When Diameter of Main is 18" or Larger.
 - For Valve Vaults Constructed Over Existing Mains, Such as at Pressure Connections or for Valve Insertions, Refer to Pressure Connection Detail.
 - The Contract Unit Price For "Valve Vault" Shall Include the Cost of Furnishing and Placing 3" Leveling Base as Specified, and the Cost of Furnishing and Placing the Specified Frame and Cover.
 - Frame Opening Shall be Aligned Over Operating Nut so that Valve can be Keyed Without Twist or Torque.
 - Use offset cones only when needed to center valve otherwise concentric.
 - Tracer wire must be connected with a splice connector to create one continuous signal through the wire.

WATERMAIN VALVE VAULT

Issued		
By	Revised	Date
LG		4-04-00
SD		1-4-06
MJ		6-25-14
JB		12-15-22
DS		1-26-23

VILLAGE OF GURNEE
ENGINEERING DIVISION

Approved by:	
SD	1/4/06
MJ	6/25/14
NL	1/26/23

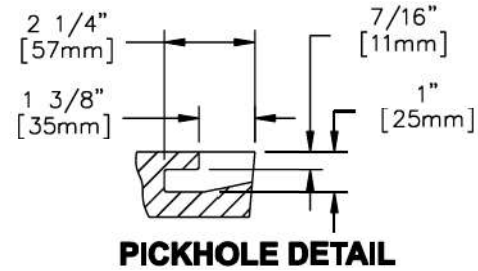
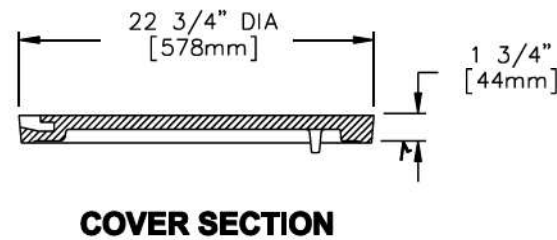
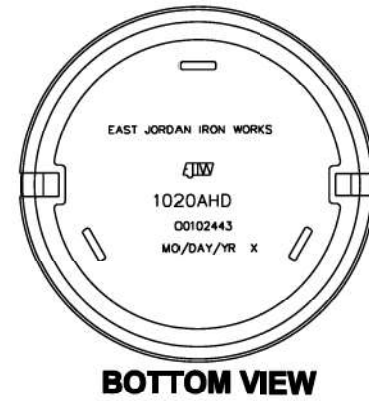
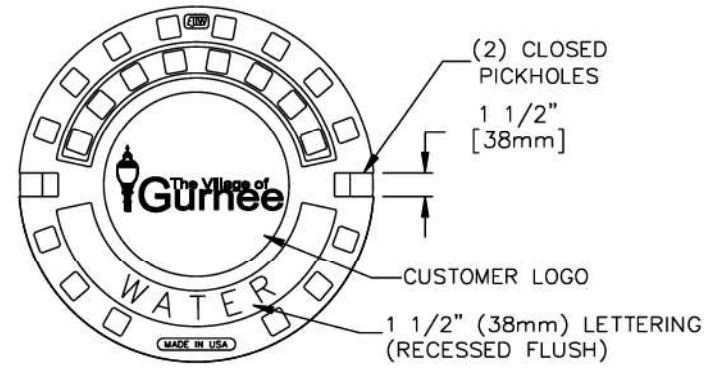


TYPICAL HYDRANT INSTALLATION

Issued		
By	Revised	Date
SD		1-4-06
MAD		7-28-11
MJ		6-24-14
JB		1-05-23
DS		1-26-23

VILLAGE OF GURNEE
ENGINEERING DIVISION

Approved by:	
SD	1/4/06
SD	7/29/11
SD	6/24/14
NL	1/26/23



OR APPROVED EQUAL
✓ MACHINED SURFACE

EAST JORDAN IRON WORKS, INC.
P.O. BOX 439
EAST JORDAN, MI. 49727
1-800-874-4100
FAX 231-536-4458

DRAWN SMH	DATE 01/19/04
APPROVED	DATE

SPECIAL LETTERED COVER

PRODUCT NO.
00102443

CATALOG NO.
1020A

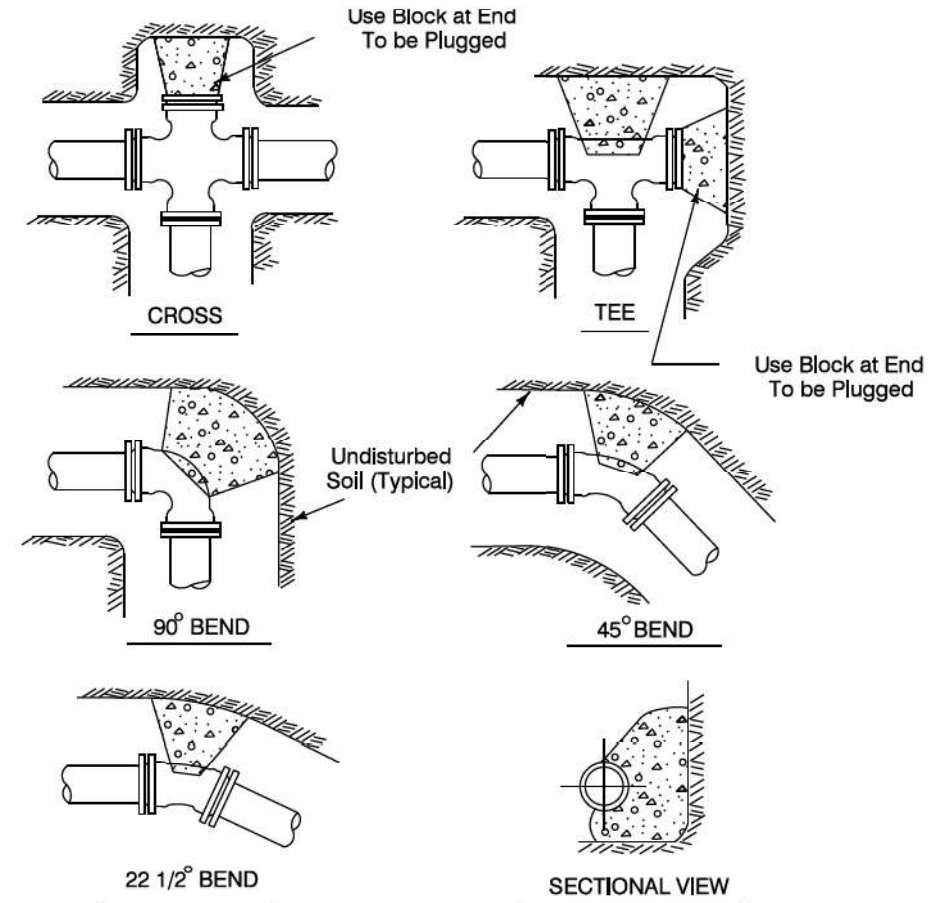
REF. PRODUCT DRAWING
00102441

EST. WT.
COVER WT: 115 LBS (52kg)

OPEN AREA
N/A

MAT'L SPEC.
COVER - GRAY IRON
ASTM A48 CL35B

LOAD RATING
HEAVY DUTY



NOTES:

1. Restrained Joint (Megalug) or equivalent required on all fittings.
2. Thrust Blocks to be used at 22 1/2° or greater bends.
3. Thrust Blocks to be poured against firm undisturbed soil. Use Class SI Concrete.
4. Sacrificial zinc anode nuts are to be installed on all bolts

THRUST BLOCK INSTALLATION

Issued by: DLZ 10/11/00		
By	Revised	Date
SD		1/4/06
MJ		6/24/14

VILLAGE OF GURNEE
ENGINEERING DIVISION

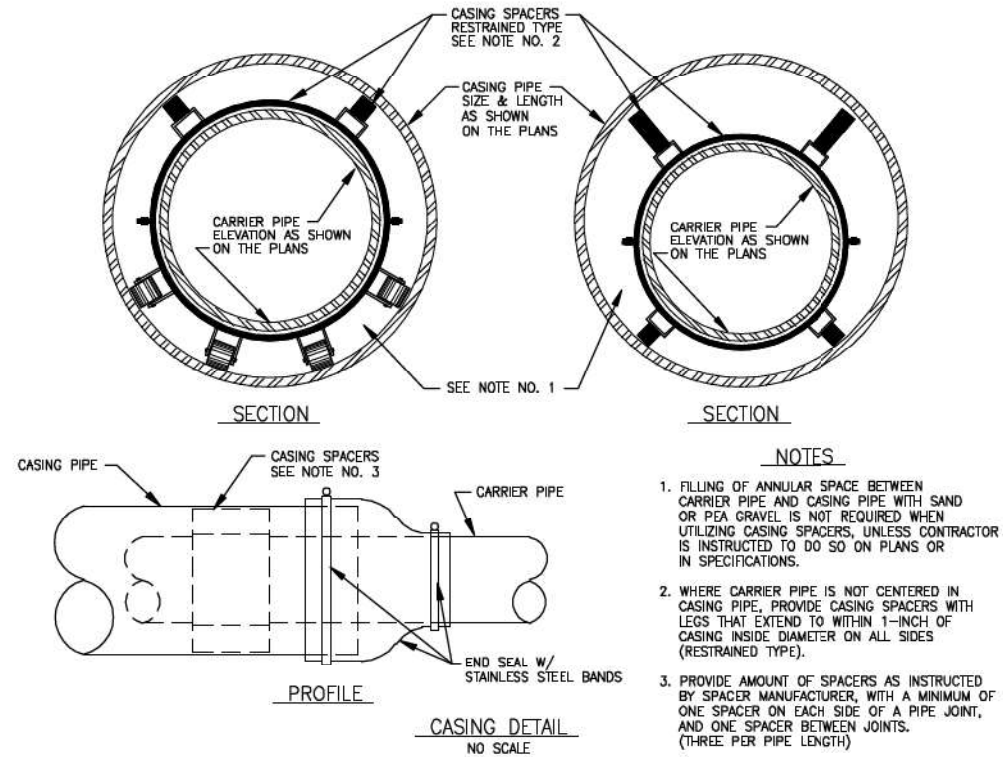
Approved by:	
SD	1/4/06
SD	6/24/14

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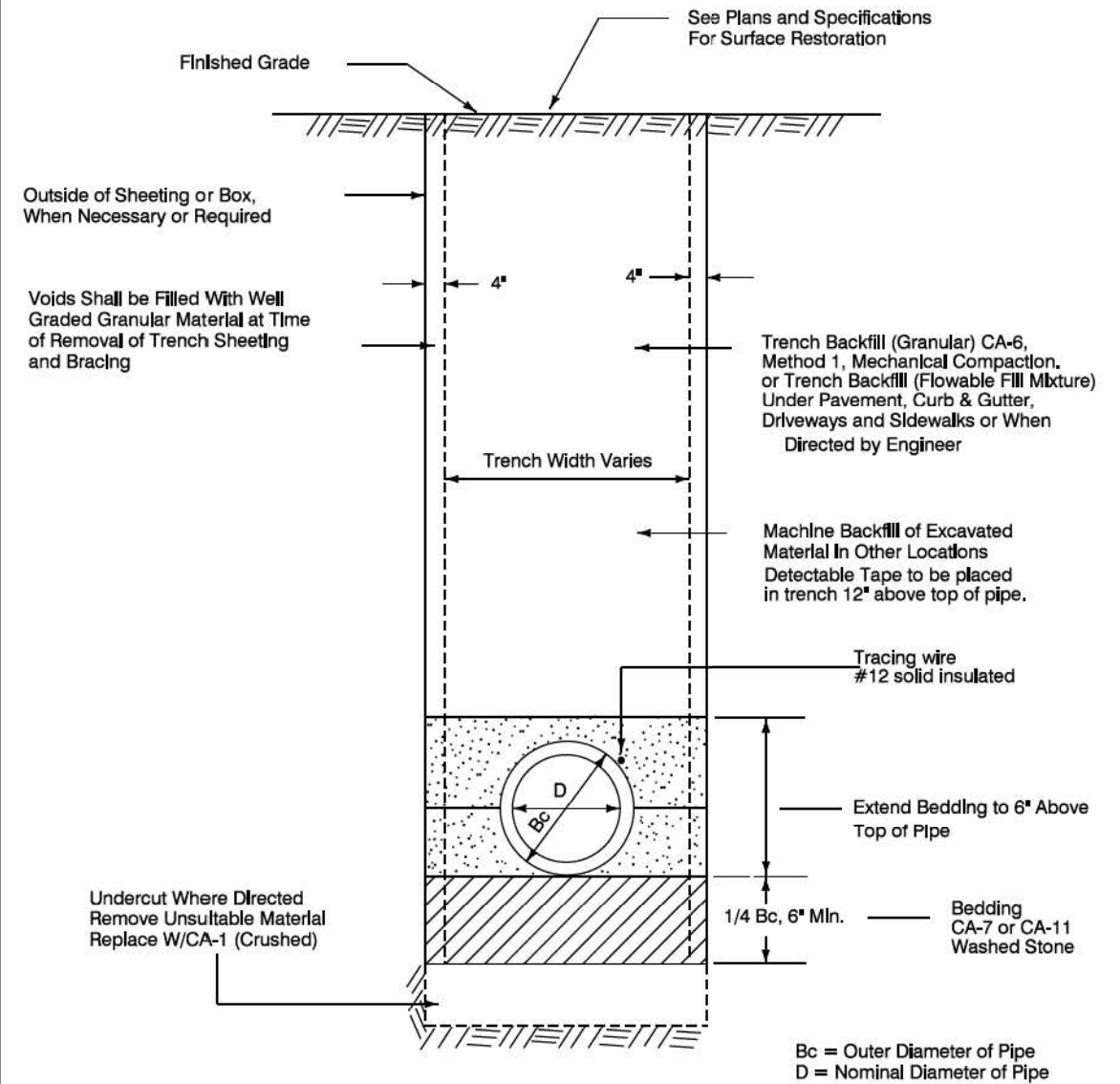
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346	2023-917-TL	LAKE	173	92
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

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 Plotted: 8/19/2008 3:27 PM By: 362PMP

CASING-1.DWG



(Max.) Trench Widths - 9" + O.D. + 9", When trench Is Less Than 5' Deep
 - 18" + O.D. + 18", When trench Is Greater Than 5' Deep



TYPICAL TRENCH AND BEDDING DETAIL
 WATER MAIN INSTALLATION

By	Revised	Date
DPD		3-17-03
MAD		7-28-11
MJ		6-25-14

VILLAGE OF GURNEE
 ENGINEERING DIVISION

Approved by:
SD 1/4/06
SD 7/29/11



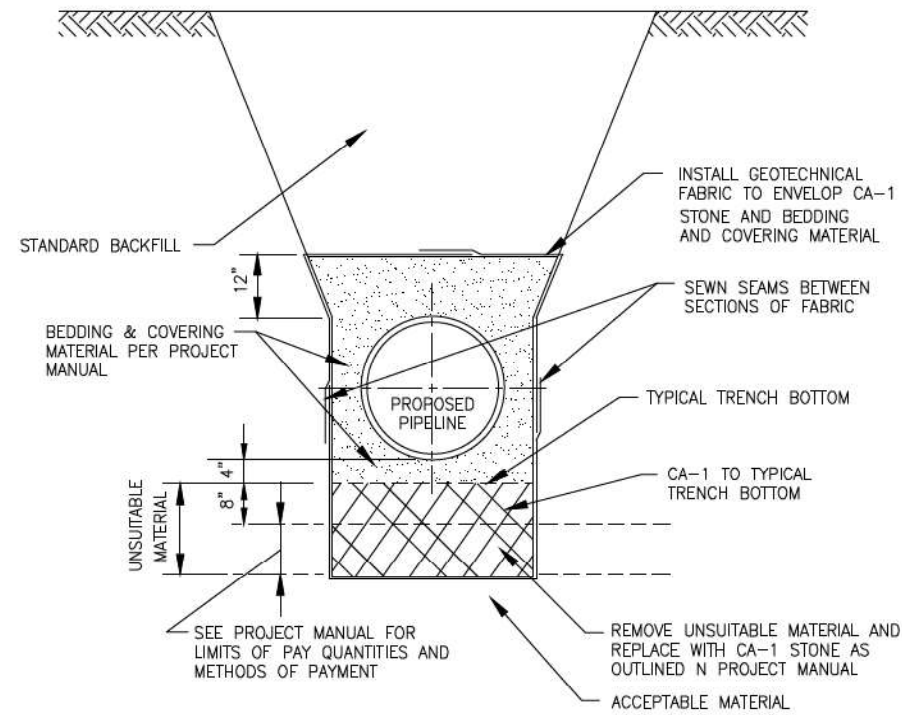
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

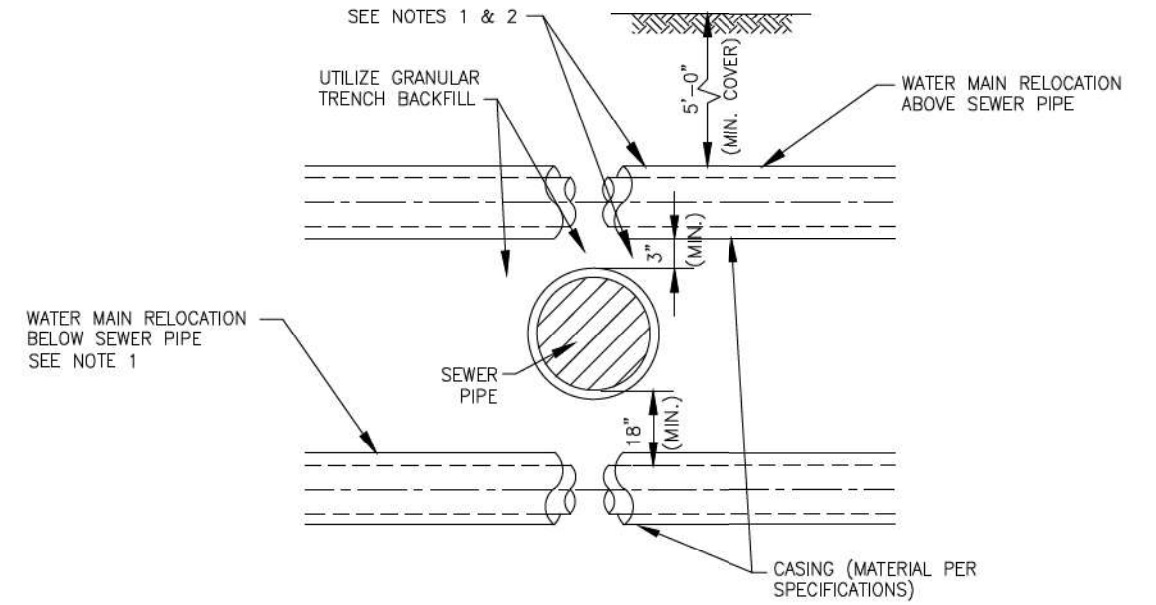
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	93
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	



**OPEN CUT PIPELINE INSTALLATION
UNSUITABLE MATERIAL
REMOVAL/REPLACEMENT DETAIL**

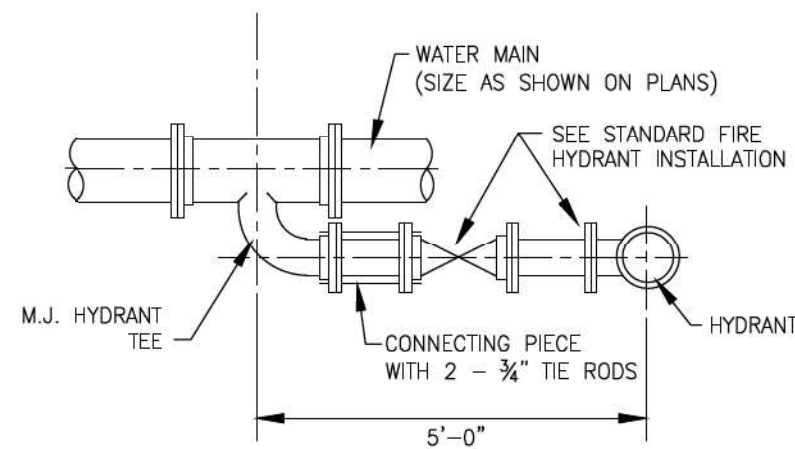
NO SCALE



- NOTES:
1. ONLY TO BE USED IF WATER MAIN CANNOT CROSS ABOVE PROPOSED SEWER AND MAINTAIN THE REQUIRED 18" OF SEPARATION.
 2. WHEN WATER MAIN CROSSES ABOVE SEWER AND MAINTAINS THE REQUIRED 18" OF SEPARATION, THE CASING PIPE IS NOT REQUIRED.
 3. WATER MAIN RELOCATIONS ARE SUBJECT TO INSPECTION AT NORMAL SYSTEM PRESSURE BEFORE BURIAL.
 4. USE ONLY 45 DEGREE BENDS UNLESS OTHERWISE PERMITTED BY THE ENGINEER.
 5. CASING MUST EXTEND A MINIMUM OF 10 FEET BEYOND OUTSIDE EDGE OF SEWER PIPE - ON BOTH SIDES OF SEWER.

WATER MAIN / SEWER CROSSING DETAIL

NO SCALE



FIRE HYDRANT - 90 DEG. CONNECTION

(FOR WATER MAIN SIZES 6" THROUGH 12")
NO SCALE

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DRAWN - MJO	REVISED -	
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PLOT DATE = 12/16/2023	DATE - 12/16/2023	FILE - 161141_SHT-MiscDetails.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS DETAILS

SCALE: NONE SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	94
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-94R6(773)				



USER NAME =	morrllg
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CHECKED -	JJF
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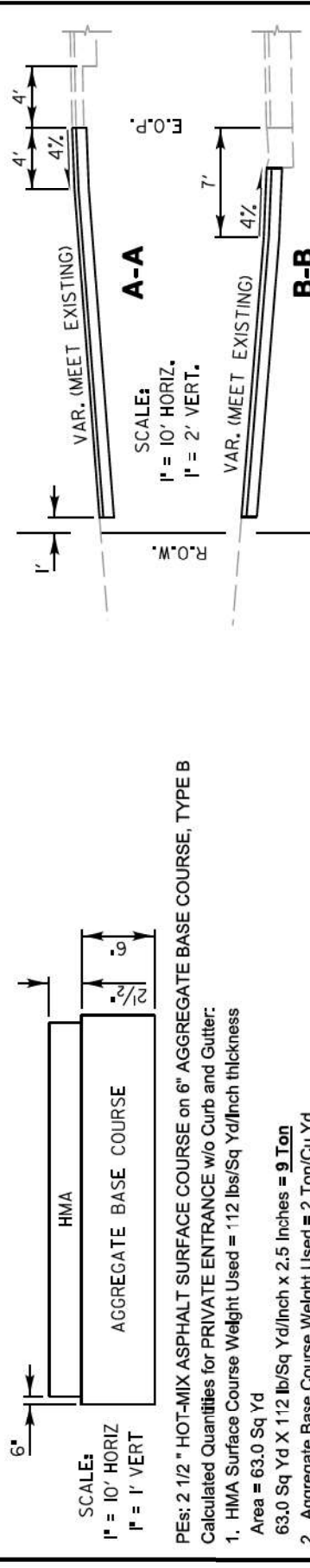
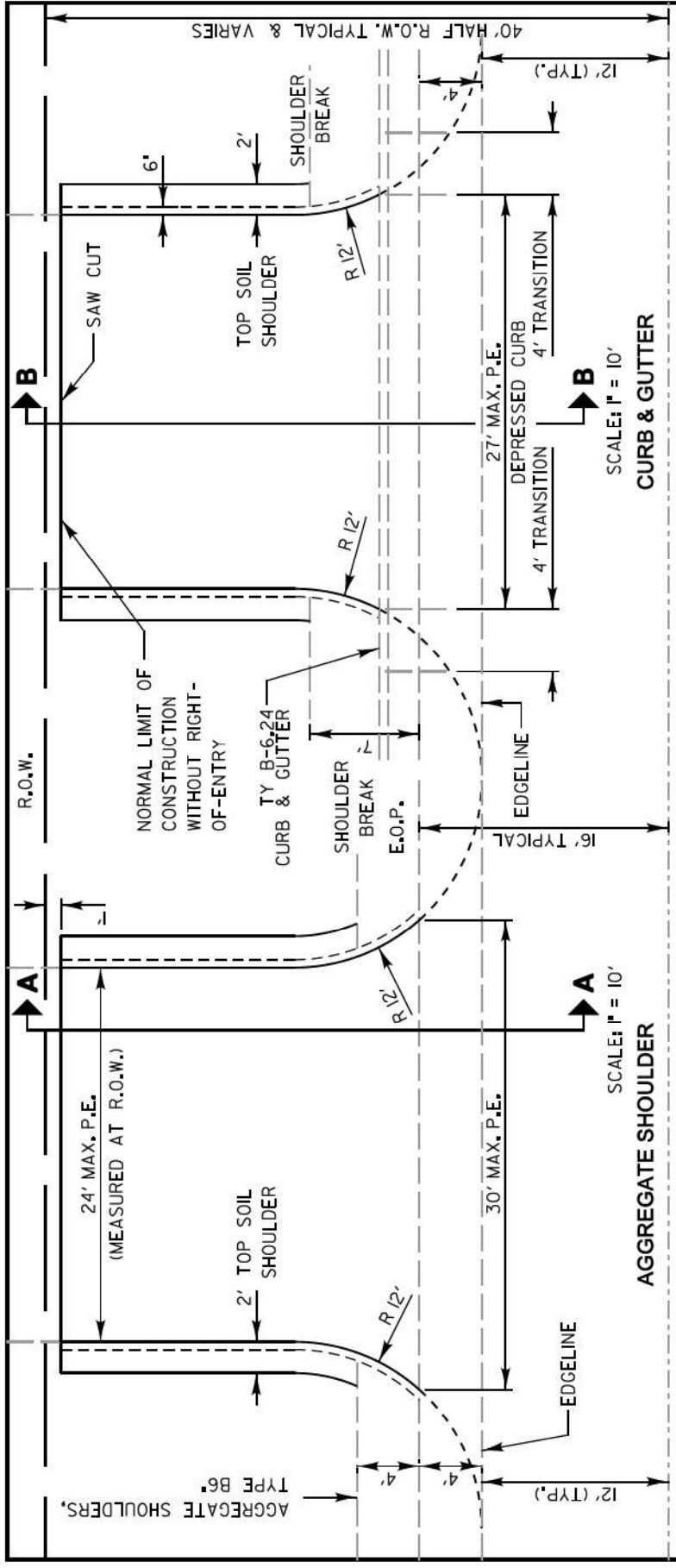
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FILE -	161141_SHT-MiscDetails.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LAKE COUNTY DOT DETAILS

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	95
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSP-94R(773)	



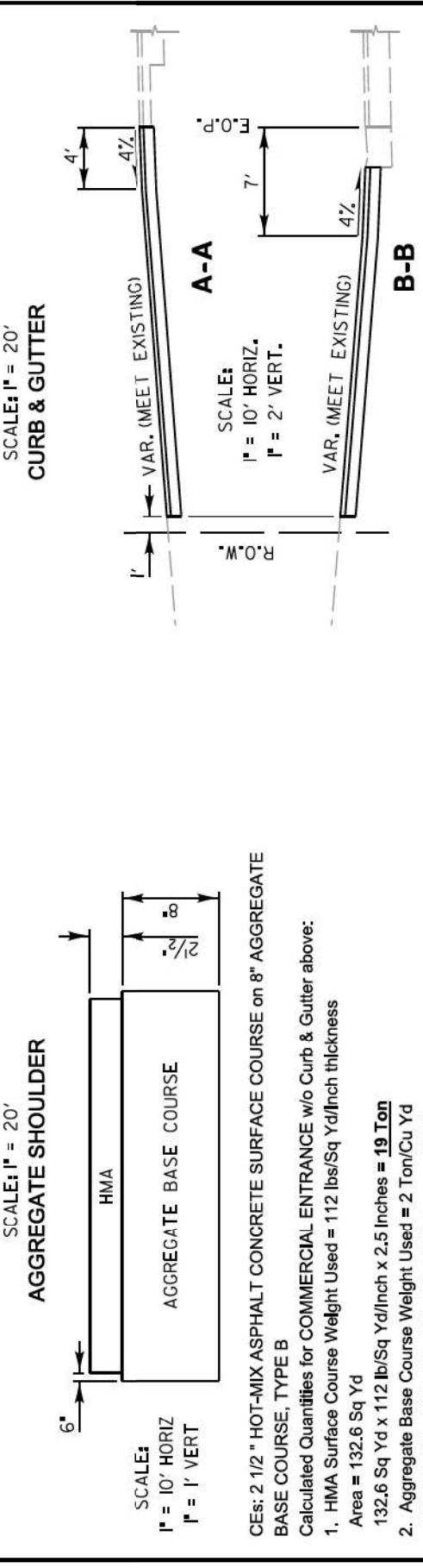
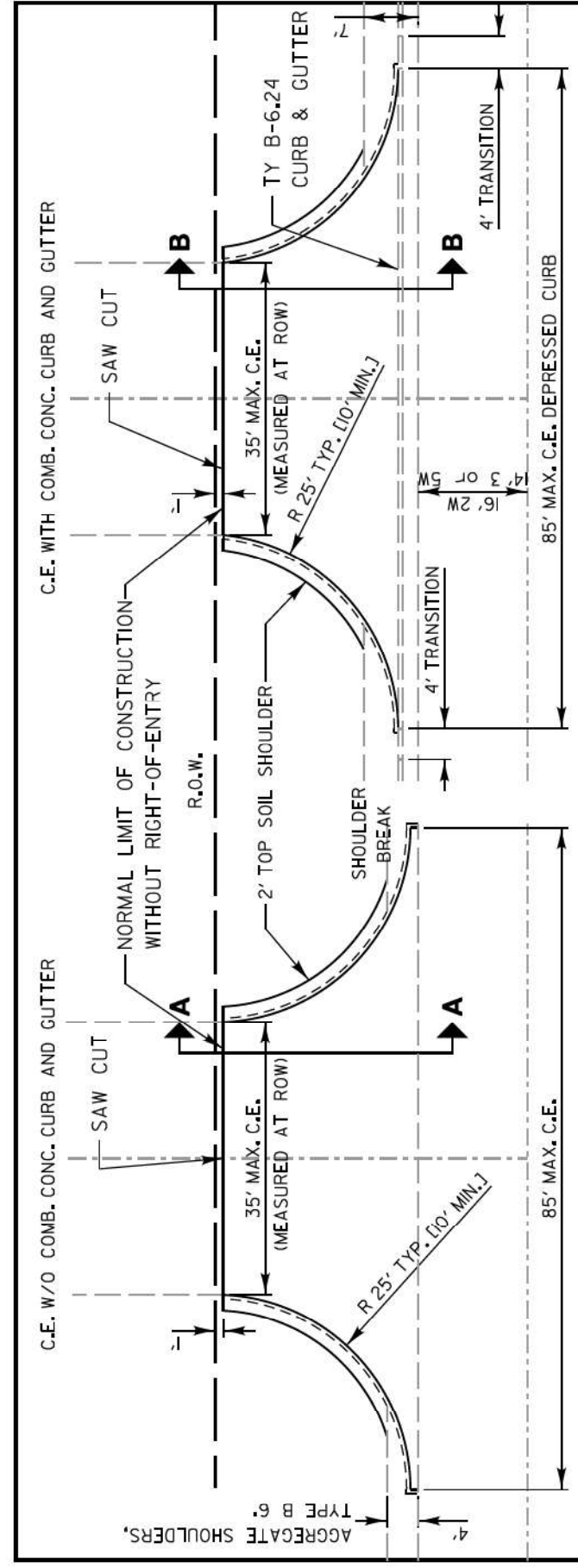
LC4100

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

REVISIONS	DATE	DESCRIPTION
Removed Prime Coat Qty	5/20/08	
Revised Ent. EOP Radius	6/4/10	
Revised Type A to Type B Aggregate	12/20/12	
Revised Curb Transition	1/7/15	

TYPICAL MINOR ACCESS (PRIVATE ENTRANCE)

PEIS: 2 1/2" HOT-MIX ASPHALT SURFACE COURSE on 6" AGGREGATE BASE COURSE, TYPE B
 Calculated Quantities for PRIVATE ENTRANCE w/o Curb and Gutter:
 1. HMA Surface Course Weight Used = 112 lbs/Sq Yd/Inch thickness
 Area = 63.0 Sq Yd
 2. Aggregate Base Course Weight Used = 9 Ton
 63.0 Sq Yd X 112 lb/Sq Yd/Inch x 2.5 Inches = 9 Ton
 3. Aggregate Base Course Weight Used = 2 Ton/Cu Yd
 65.7 Sq Yd x 2 Ton/Cu Yd x 6 Inch thickness = 22 Ton
 Calculated Quantities for PRIVATE ENTRANCE with Curb and Gutter:
 1. HMA Surface Course Weight Used = 112 lbs/Sq Yd/Inch thickness
 Area = 55.0 Sq Yd
 55.0 Sq Yd X 112 lb/Sq Yd/Inch x 2.5 Inches = 8 Ton
 2. Aggregate Base Course Weight Used = 2 Ton/Cu Yd
 57.2 Sq Yd x 2 Ton/Cu Yd x 6 Inch thickness = 19 Ton



LC4101

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

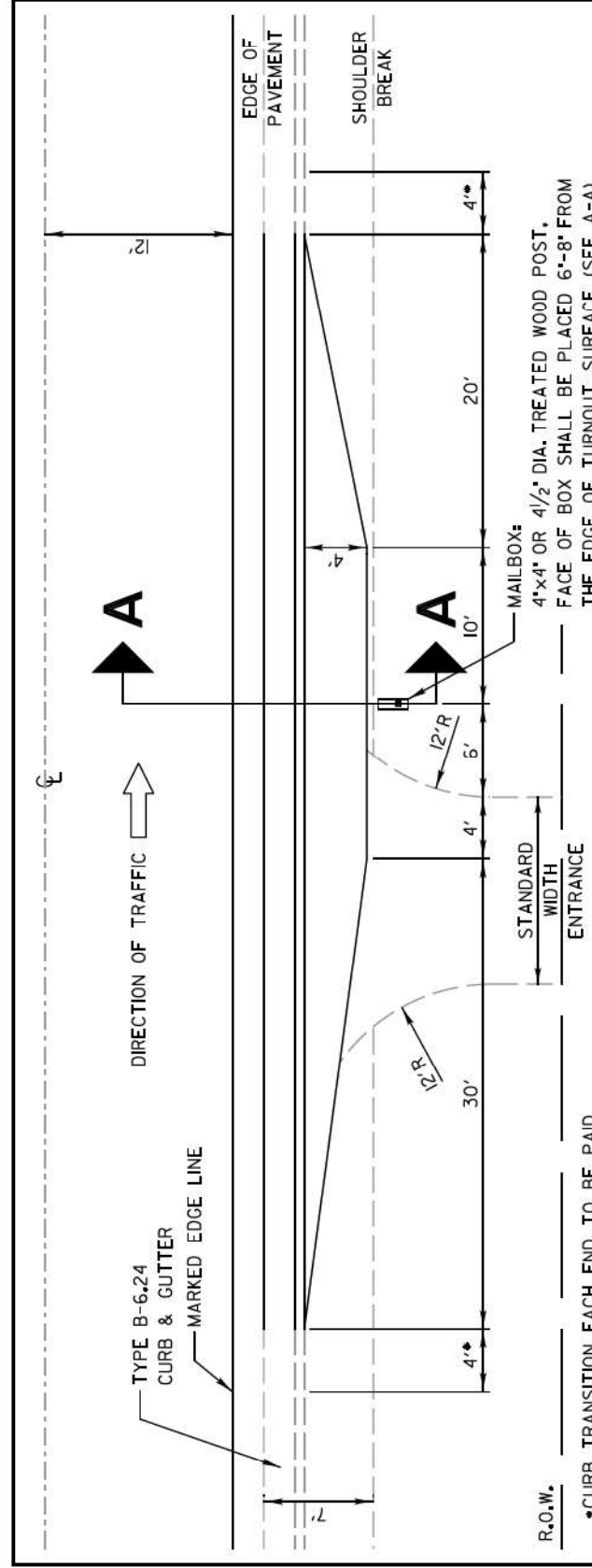
REVISIONS	DATE	DESCRIPTION
Removed Prime Coat Qty	5/20/08	
Revised Type A to Type B Aggregate	12/20/12	
Revised Curb Transition	1/7/15	

TYPICAL MAJOR ACCESS (COMMERCIAL ENTRANCE)

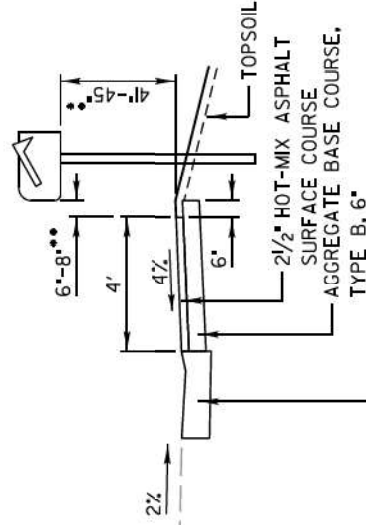
CEIS: 2 1/2" HOT-MIX ASPHALT CONCRETE SURFACE COURSE on 8" AGGREGATE BASE COURSE, TYPE B
 Calculated Quantities for COMMERCIAL ENTRANCE w/o Curb & Gutter above:
 1. HMA Surface Course Weight Used = 112 lbs/Sq Yd/Inch thickness
 Area = 132.6 Sq Yd
 132.6 Sq Yd x 112 lb/Sq Yd/Inch x 2.5 Inches = 19 Ton
 2. Aggregate Base Course Weight Used = 2 Ton/Cu Yd
 137.0 Sq Yd x 2 Ton/Cu Yd x 8 Inch thickness = 61 Ton
 Calculated Quantities for COMMERCIAL ENTRANCE with Curb & Gutter above:
 1. HMA Surface Course Weight Used = 112 lbs/Sq Yd/Inch thickness
 Area = 116.3 Sq Yd
 116.3 Sq Yd x 112 lb/Sq Yd/Inch x 2.5 Inches = 16 Ton
 2. Aggregate Base Course Weight Used = 2 Ton/Cu Yd
 120.4 Sq Yd x 2 Ton/Cu Yd x 8 Inch thickness = 54 Ton

USER NAME = mornlg	DESIGNED - AMW	REVISED -
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PLOT DATE = 12/16/2023	CHECKED - JJF	REVISED -
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F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 96
ILLINOIS FED. AID PROJECT HSP19AR(673)			CONTRACT NO. 62W53	



DESIGN NOTES:
 1. The Resident Engineer shall contact the local postmaster prior to installing the new mailbox posts for the local mounting height of the mailbox. The standard mounting height is 3 1/2'; however, local postmasters may vary this height.
 2. The standard mailbox post is a 4"x4" or a 4 1/2" dia. treated wood post.
 The standard bury length of the post is 2'. Do not shorten or exceed this bury length.
 3. Depending on the location of the shoulder break with respect to the edge of the mailbox turnout the overallpost length may vary from 5'8" to 6'4" to maintain the 2' bury length and the 3 1/2" mounting height.

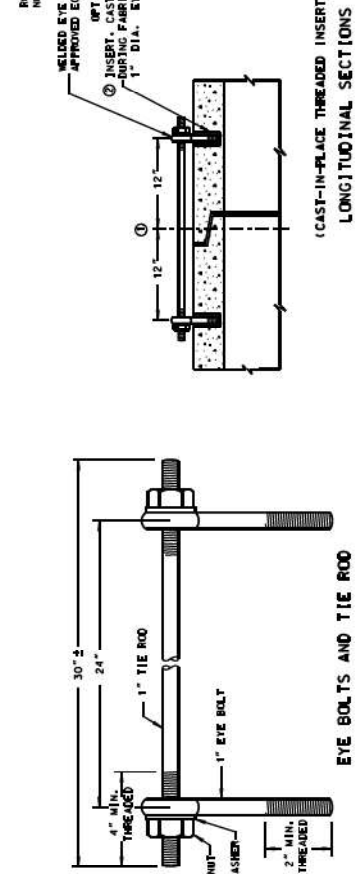


SECTION A-A
 SCALE: 1" = 5'
 TYPE B-6.24 DEPRESSED - 70 LIN FT

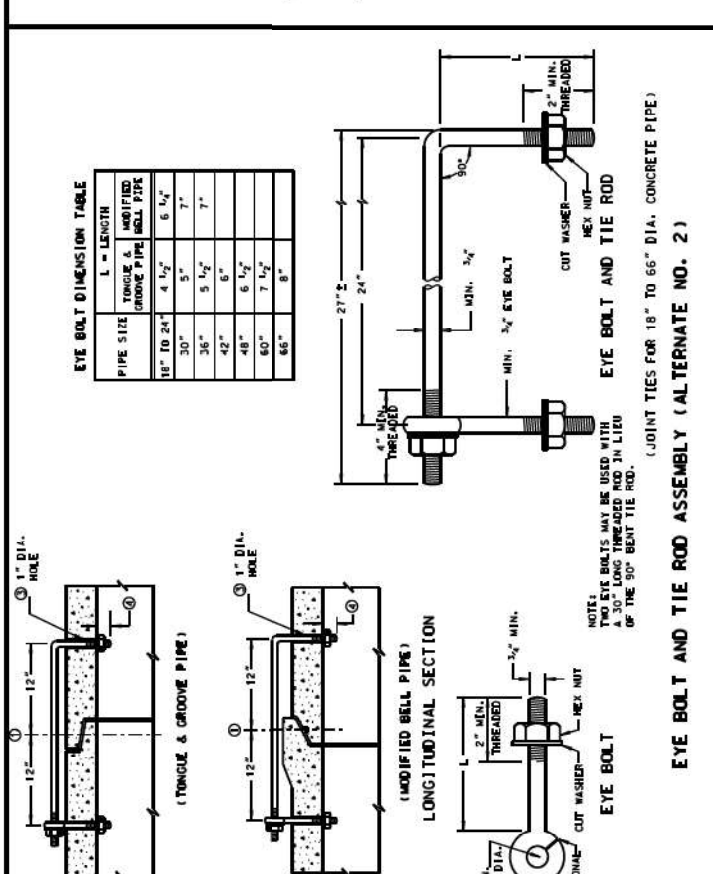
** USPS RESIDENTIAL MAILBOX STANDARD

REVISIONS	DATE	APPROVED BY: M. G. ZEMAITIS	DATE: APRIL 1, 2007
6'-8" BOX OFFSET ADDED	12/22/17	Lake County Division of Transportation	LC4121
Revised Type A to Type B Aggregate	12/20/12		
Revised Curb Transition	1/7/15		
Paye Shldr = 3' (all cases)	2/24/2017		

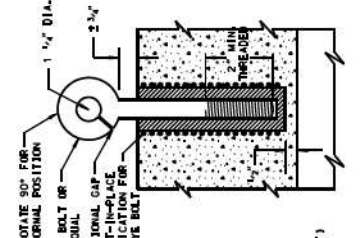
**MAILBOX TURNOUT
 ALONG CURBED ROADS**



1. EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

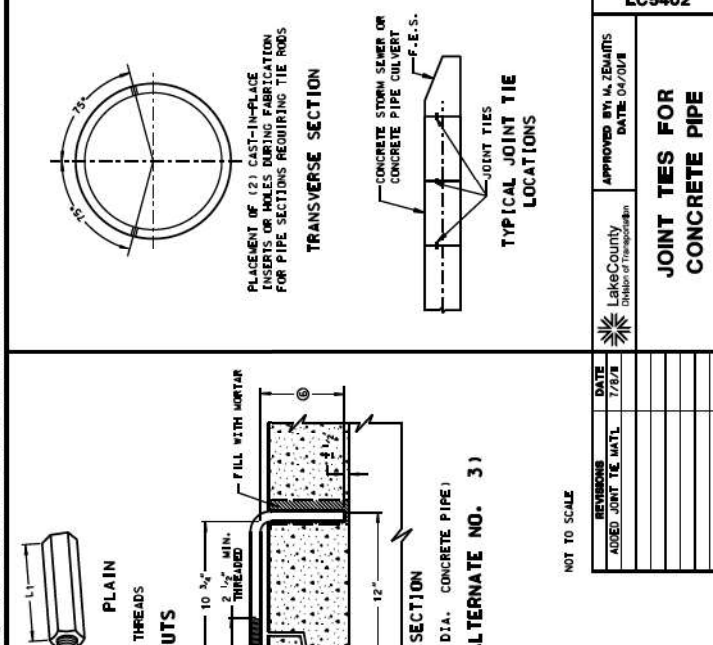


2. EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)



3. ADJUSTABLE TIE ROD (ALTERNATE NO. 3)

GENERAL NOTES
 DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS. JOINT TIES AND HARDWARE SHALL BE GALVANIZED STEEL.
 CONCRETE CURB AND TIE ROD SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT THE LAST THREE JOINTS BEFORE A PLUMED END SECTION.
 THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR CONCRETE PIPE.
 UNLESS OTHERWISE STATED IN THE CONTRACT THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE CONCRETE PIPE TO THE CURB SHALL BE AS INDICATED ON THE PLANS AND BY THIS DETAIL WILL BE CONSIDERED INCLUDED IN THE COST OF THE PIPE CURBS OR STORM SEWERS.
 DETAILED DRAWINGS FOR PROPOSED ALTERNATE SECTIONS FOR GALVANIZED STEEL JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
 ① 1/2" OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.
 ② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THE TIE ROD.
 ③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12" FROM E OF TONGUE AND GROOVE.
 ④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2".
 ⑤ OPENING TO BE ROD DIAMETER + 1 INCH.
 ⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2" INCH OF THE INNER SURFACE OF THE PIPE.



ADJUSTABLE TIE ROD TABLE

TYPE OF TIE ROD	D	L	N
12-60	3/4"	5	1/2"
66-84	3/4"	5	1/2"
90-108	1"	7	1 1/4"

① DIMENSIONS SHOWN ARE IN INCHES

APPROVED BY:	M. ZEMAITIS
DATE:	04/01/07

LAKE COUNTY
 DIVISION OF TRANSPORTATION

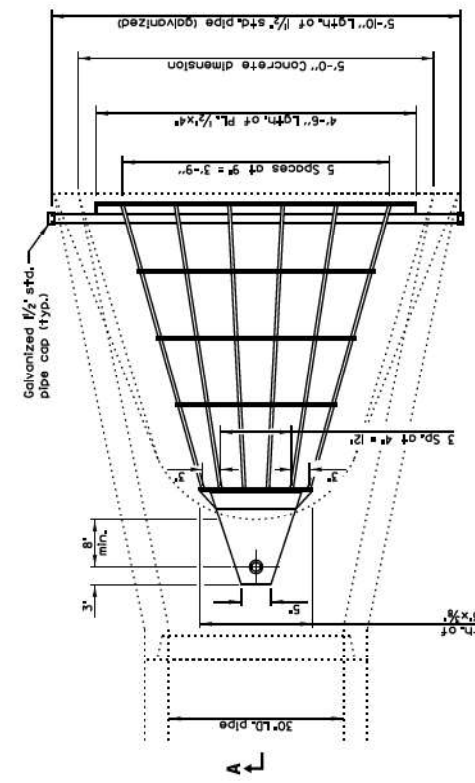
**JOINT TIES FOR
 CONCRETE PIPE**

NOT TO SCALE

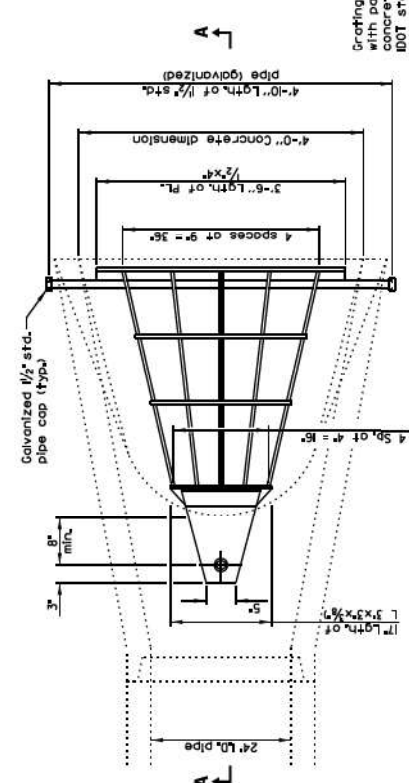
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ADDED JOINT TIE DETAIL	7/8/18



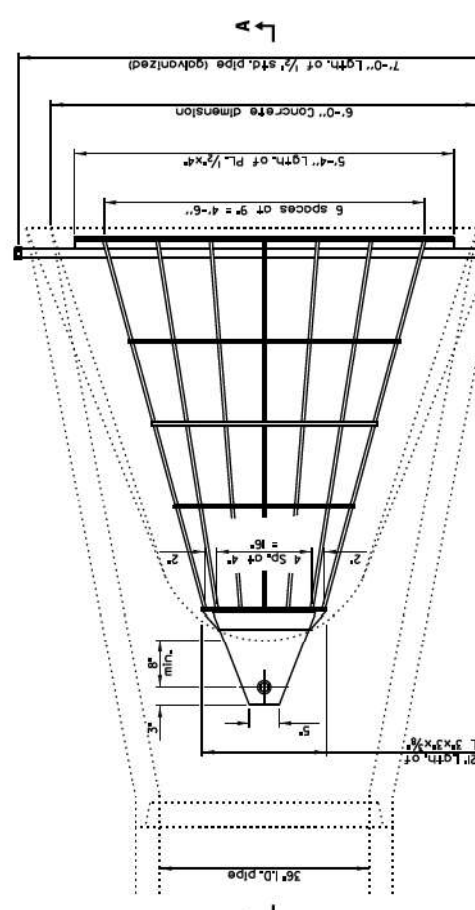
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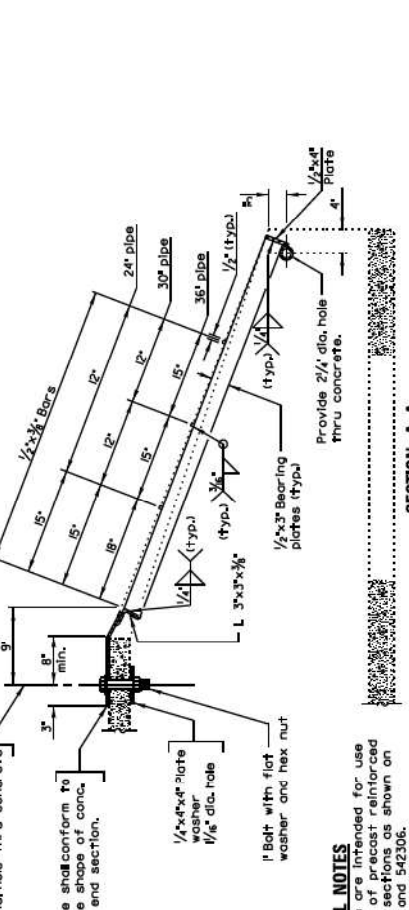
PLAN
Quantity of steel = 20 lbs.



PLAN
Quantity of steel = 150 lbs.



PLAN
Quantity of steel = 280 lbs.



SECTION A-A

GENERAL NOTES
 Grating details shown are intended for use with particular sizes of precast reinforced concrete flared end sections as shown on IDOT standards 54230 and 54236.
 Approximate quantity of steel shown includes total quantity of grating, bolts, nuts, washers and steel pipe.
 Holes in the precast concrete flared end sections shall be cored to the diameters noted. If computed on the other end of the hole occurs, the hole shall be enlarged to correct the diameter of the hole.

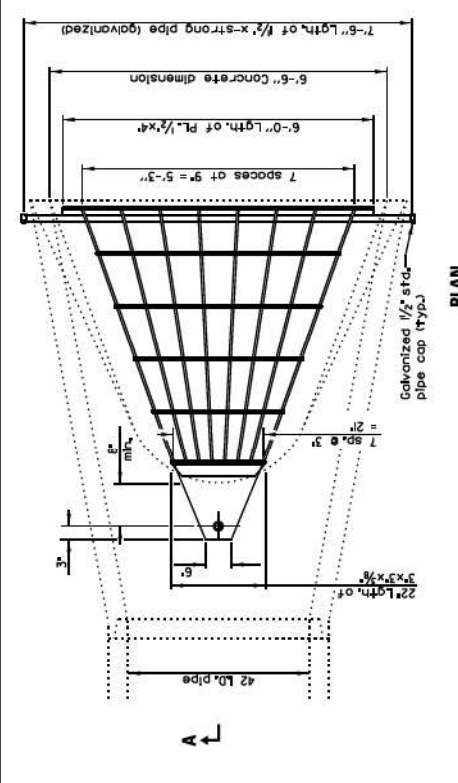
REVISIONS	DATE	DESCRIPTION

LC5403
 APPROVED BY: M. C. ZEAMITS
 DATE: DEC. 18, 2014
GRATING FOR CONCRETE FLARED END SECTIONS (24"-54")
 SHEET 1 OF 2

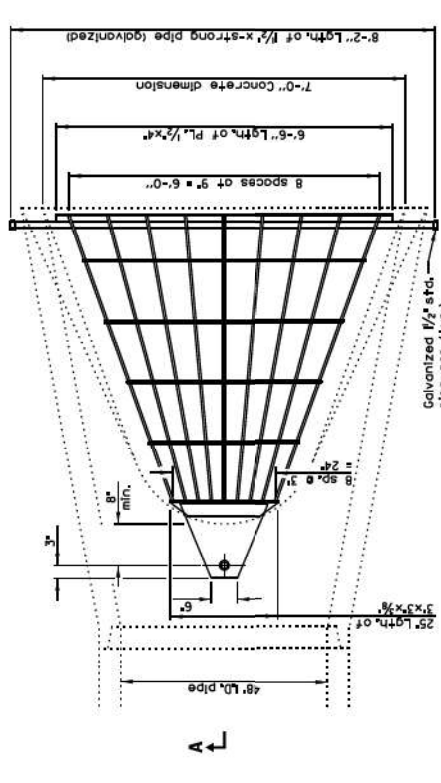
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LAKE COUNTY DOT DETAILS

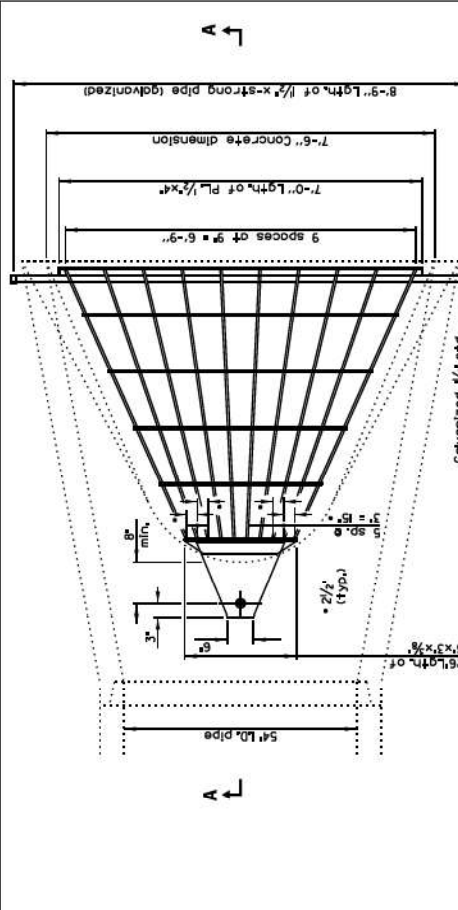
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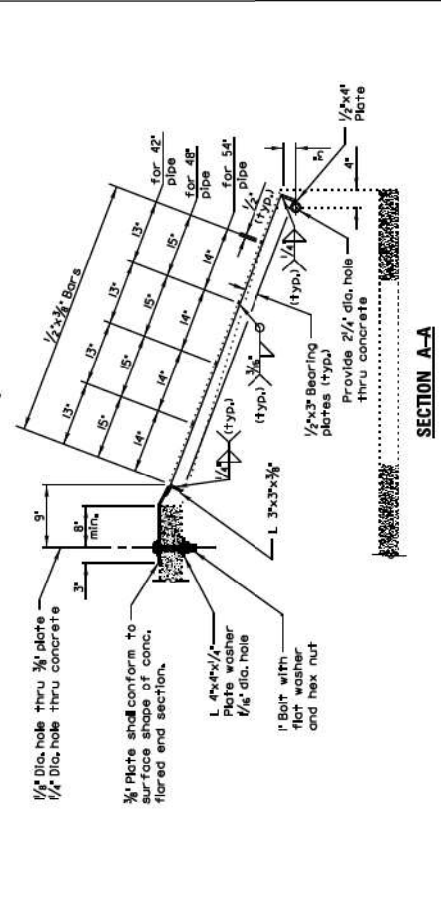
PLAN
Quantity of steel = 320 lbs.



PLAN
Quantity of steel = 400 lbs.



PLAN
Quantity of steel = 425 lbs.

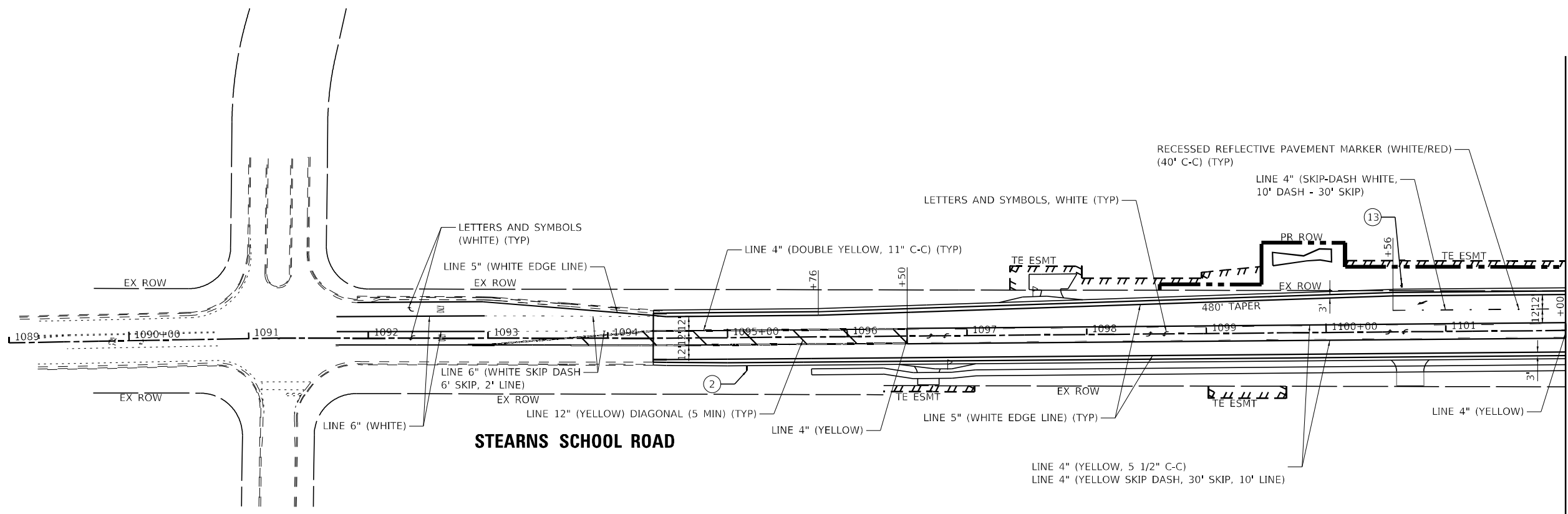


SECTION A-A

REVISIONS	DATE	DESCRIPTION

LC5403
 APPROVED BY: M. C. ZEAMITS
 DATE: DEC. 18, 2014
GRATING FOR CONCRETE FLARED END SECTIONS (24"-54")
 SHEET 2 OF 2

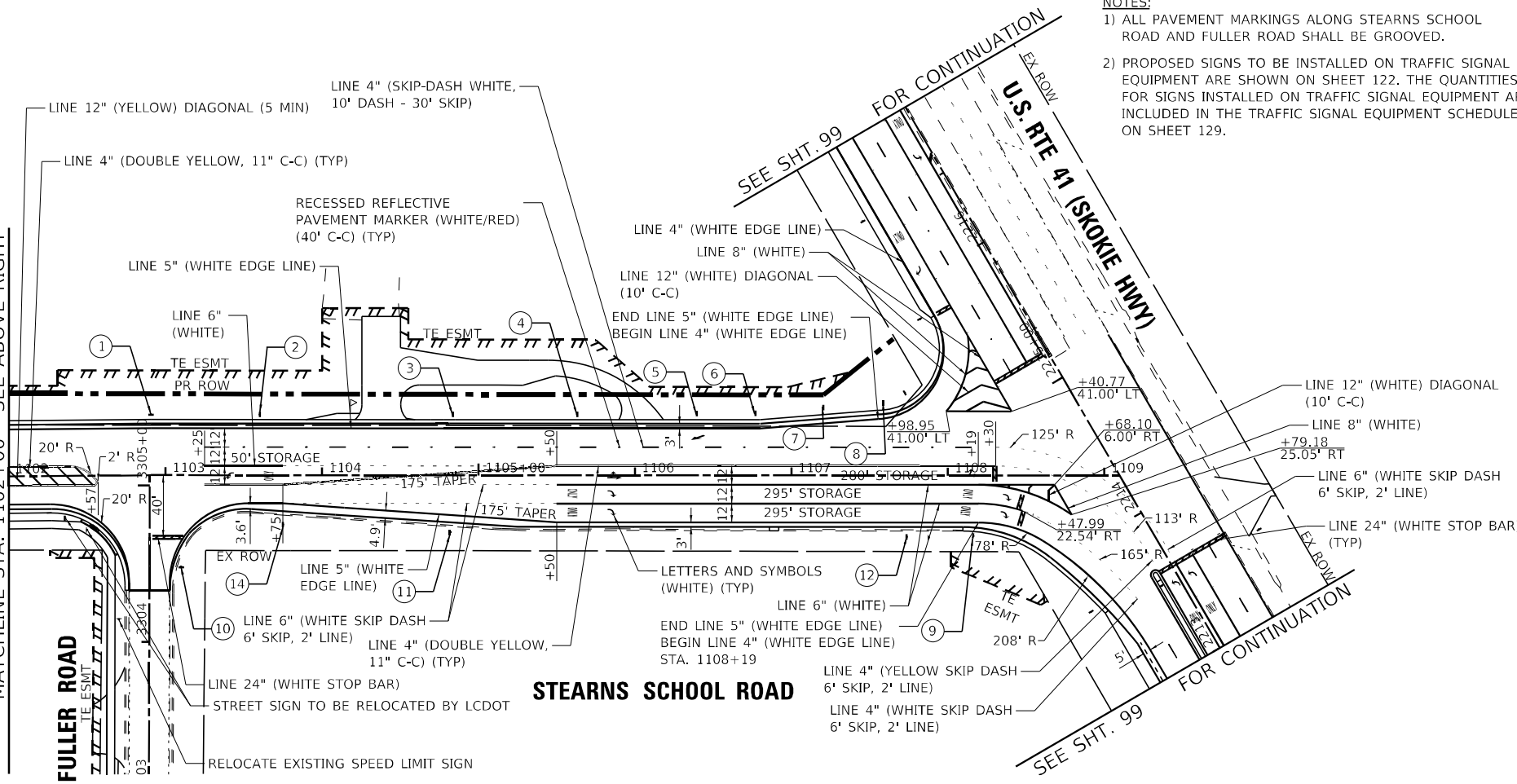
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346	2023-917-TL	LAKE	173	97
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSP#9AR(73)	



STEARNS SCHOOL ROAD

MATCHLINE STA: 1102+00 - SEE BELOW LEFT

MATCHLINE STA. 1102+00 - SEE ABOVE RIGHT



STEARNS SCHOOL ROAD

NOTES:

- 1) ALL PAVEMENT MARKINGS ALONG STEARNS SCHOOL ROAD AND FULLER ROAD SHALL BE GROOVED.
- 2) PROPOSED SIGNS TO BE INSTALLED ON TRAFFIC SIGNAL EQUIPMENT ARE SHOWN ON SHEET 122. THE QUANTITIES FOR SIGNS INSTALLED ON TRAFFIC SIGNAL EQUIPMENT ARE INCLUDED IN THE TRAFFIC SIGNAL EQUIPMENT SCHEDULE ON SHEET 129.

①	②	③	④	⑤
⑥	⑦	⑧	⑨	⑩
⑪	⑫	⑬	⑭	

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BAXTER & WOODMAN CONSULTING ENGINEERS	USER NAME = mmorlg	DESIGNED - SAM	REVISED -
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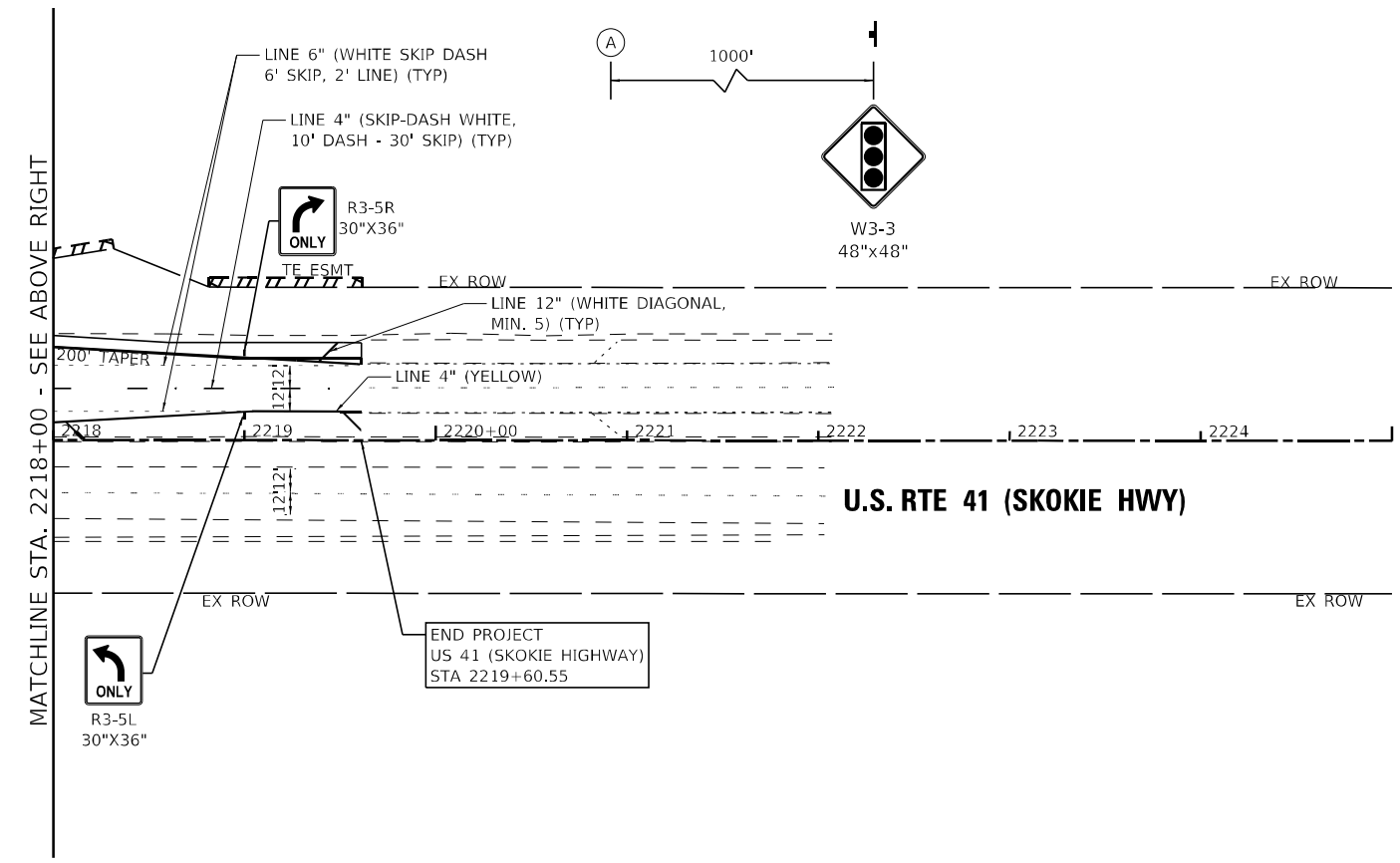
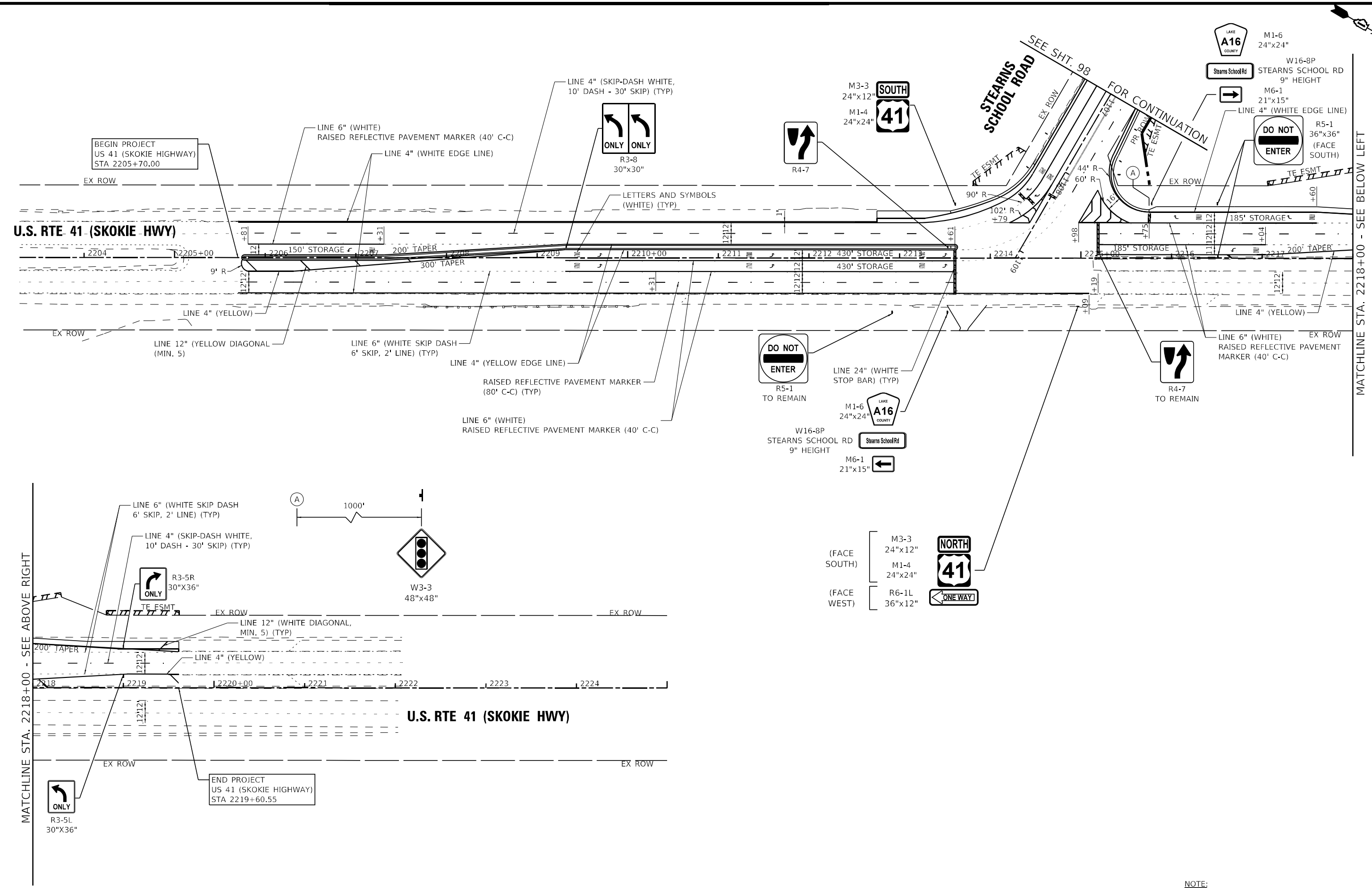
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
STEARNS SCHOOL ROAD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	98
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-94R(73)				

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

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MATCHLINE STA. 2218+00 - SEE BELOW LEFT

NOTE:
 ALL PAVEMENT MARKINGS ALONG STEARNS SCHOOL ROAD AND FULLER ROAD SHALL BE GROOVED.

BAXTER & WOODMAN CONSULTING ENGINEERS	USER NAME = mmorik	DESIGNED - SAM	REVISED -
	PLOT SCALE = 100,0000' / in.	CHECKED - AMW	REVISED -
	PLOT DATE = 12/16/2023	DATE - 12/16/2023	FILE - 161141_SHT-PMK_02.dgn

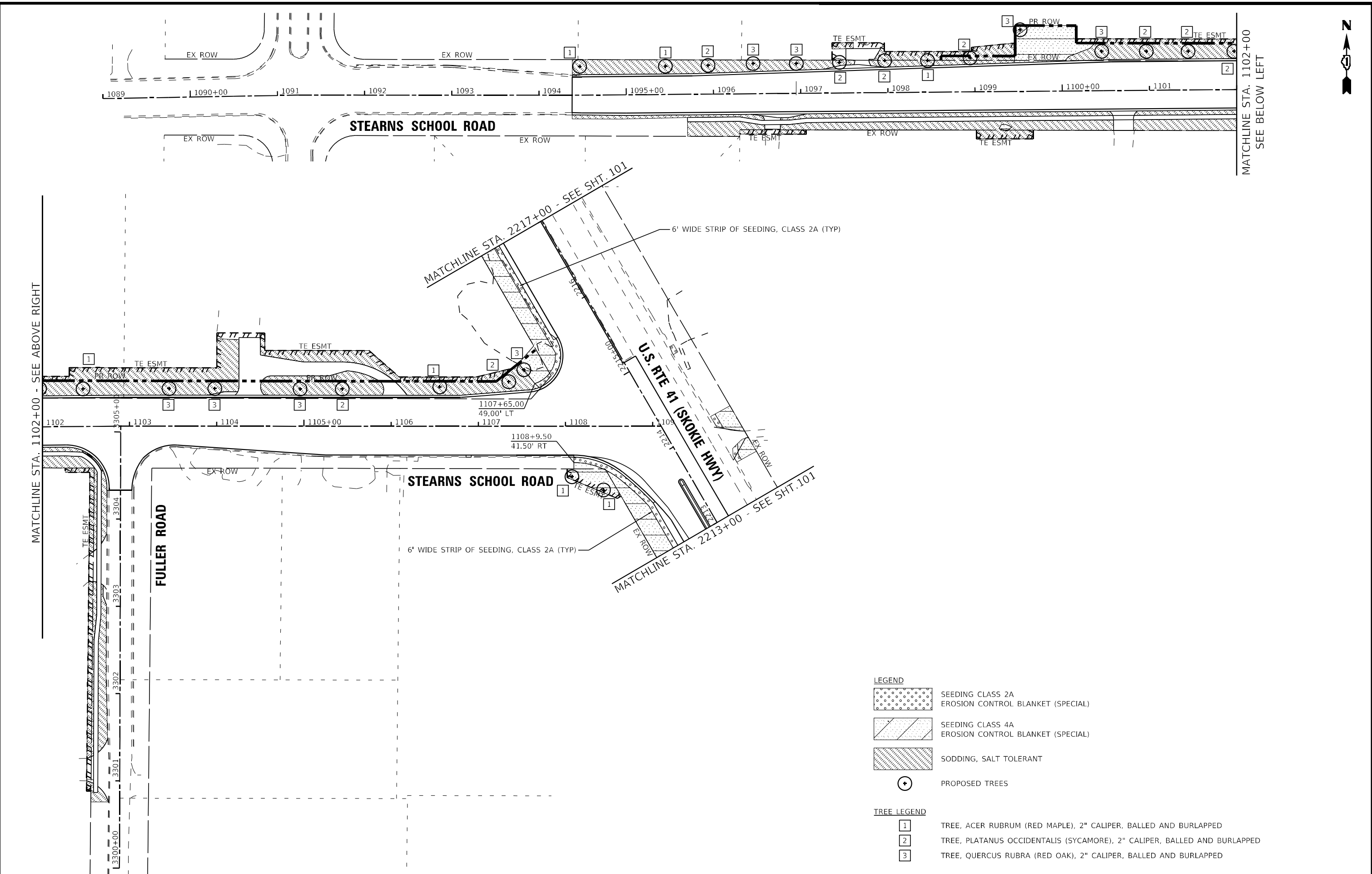
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
 U.S. RTE 41 (SKOKIE HIGHWAY)**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	99
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT HSP19AR6(773)				

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- LEGEND**
- SEEDING CLASS 2A
 - EROSION CONTROL BLANKET (SPECIAL)
 - SEEDING CLASS 4A
 - EROSION CONTROL BLANKET (SPECIAL)
 - SODDING, SALT TOLERANT
 - PROPOSED TREES
- TREE LEGEND**
- TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED
 - TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED
 - TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED

BAXTER & WOODMAN CONSULTANTS	USER NAME = morning	DESIGNED - AMW	REVISED -
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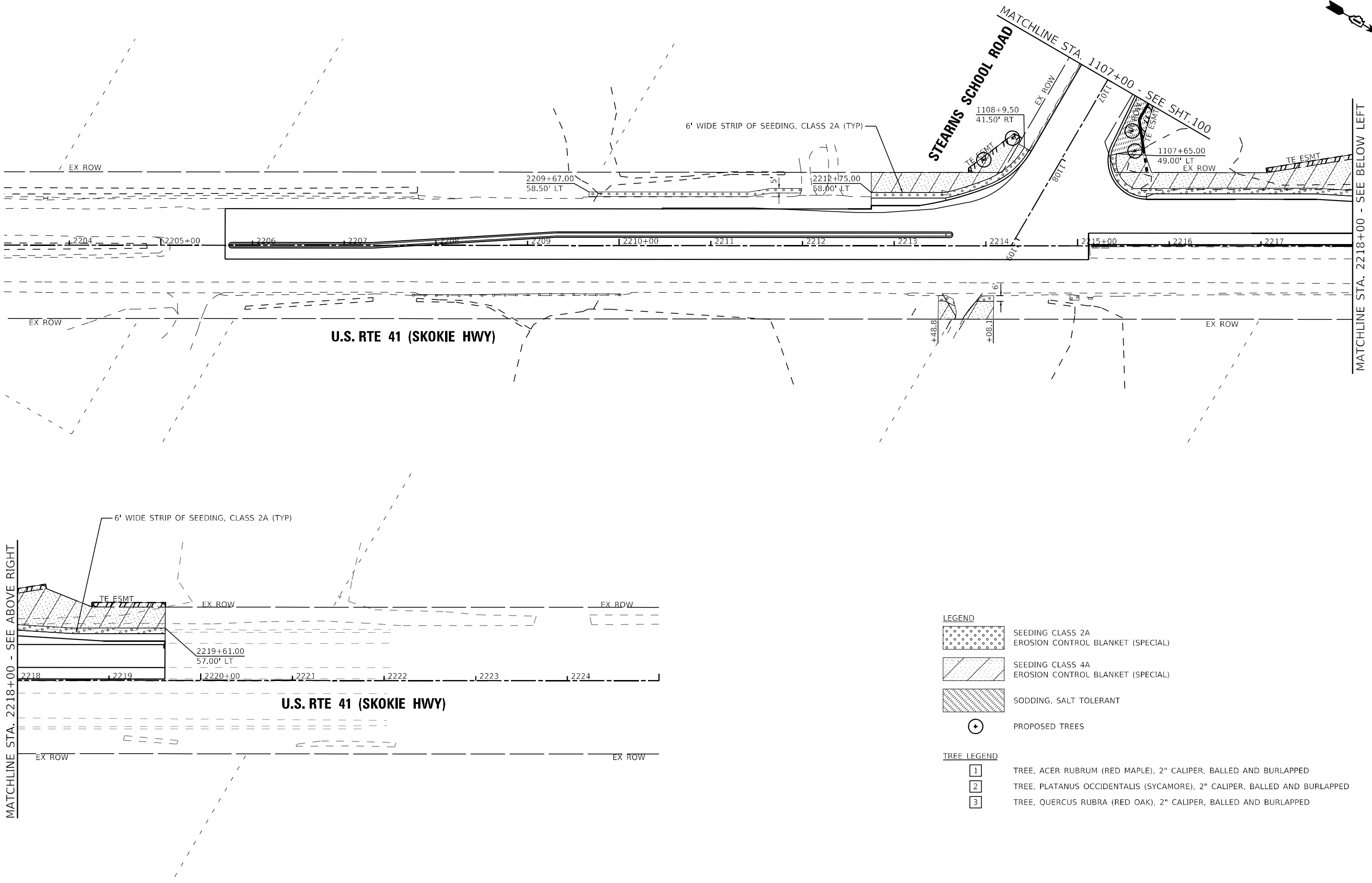
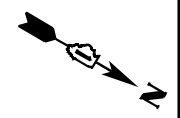
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN
STEARNS SCHOOL ROAD**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 100
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	





LEGEND

- SEEDING CLASS 2A
- EROSION CONTROL BLANKET (SPECIAL)
- SEEDING CLASS 4A
- EROSION CONTROL BLANKET (SPECIAL)
- SODDING, SALT TOLERANT
- PROPOSED TREES

TREE LEGEND

- TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED
- TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 2" CALIPER, BALLED AND BURLAPPED
- TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED

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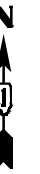
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLAN
U.S. RTE 41 (SKOKIE HIGHWAY)**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	101
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

STEARNS SCHOOL ROAD



1102

1103

3305+00

DETECTABLE WARNINGS

ADA DEPRESSED CURB AND GUTTER

FULLER ROAD

MATCH EX

	STATION	OFFSET	ELEVATION
A	1102+53.7	28.8' RT	696.90'
C	1102+51.2	32.7' RT	696.88'
D	1102+45.3	29.5' RT	697.07'
E	1102+27.0	28.6' RT	697.80'
F	1102+27.0	33.6' RT	697.87'
G	1102+44.1	34.4' RT	697.14'
H	1102+48.5	36.8' RT	696.96'
I	1102+52.5	39.8' RT	696.92'
J	1102+59.5	48.0' RT	697.77'
K	1102+62.3	52.3' RT	697.86'
L	1102+67.3	51.1' RT	697.79'
M	1102+63.9	45.2' RT	697.68'
N	1102+56.0	36.0' RT	696.83'
P	1102+58.7	32.5' RT	696.85'
Q	1105+52.3	31.0' RT	696.88'
R	1102+57.0	34.5' RT	696.83'

NOTES:

SIDEWALK DESIGNED TO ACCOMMODATE A FUTURE CROSSING.

LEGEND

- () EXISTING ELEVATION / SLOPE
- ===== PROPOSED SIDE CURB

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PLOT DATE = 12/6/2023	CHECKED - JJF	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT-ADA_Details_01.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL
FULLER ROAD

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

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 102
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

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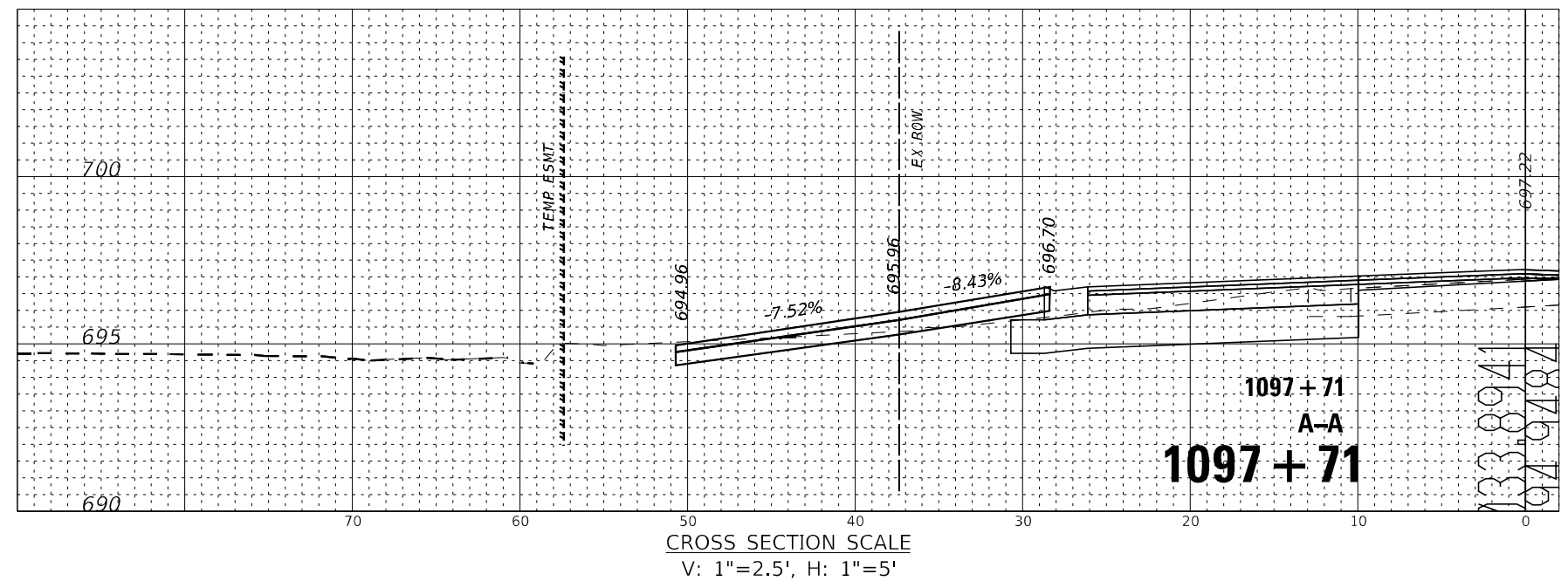
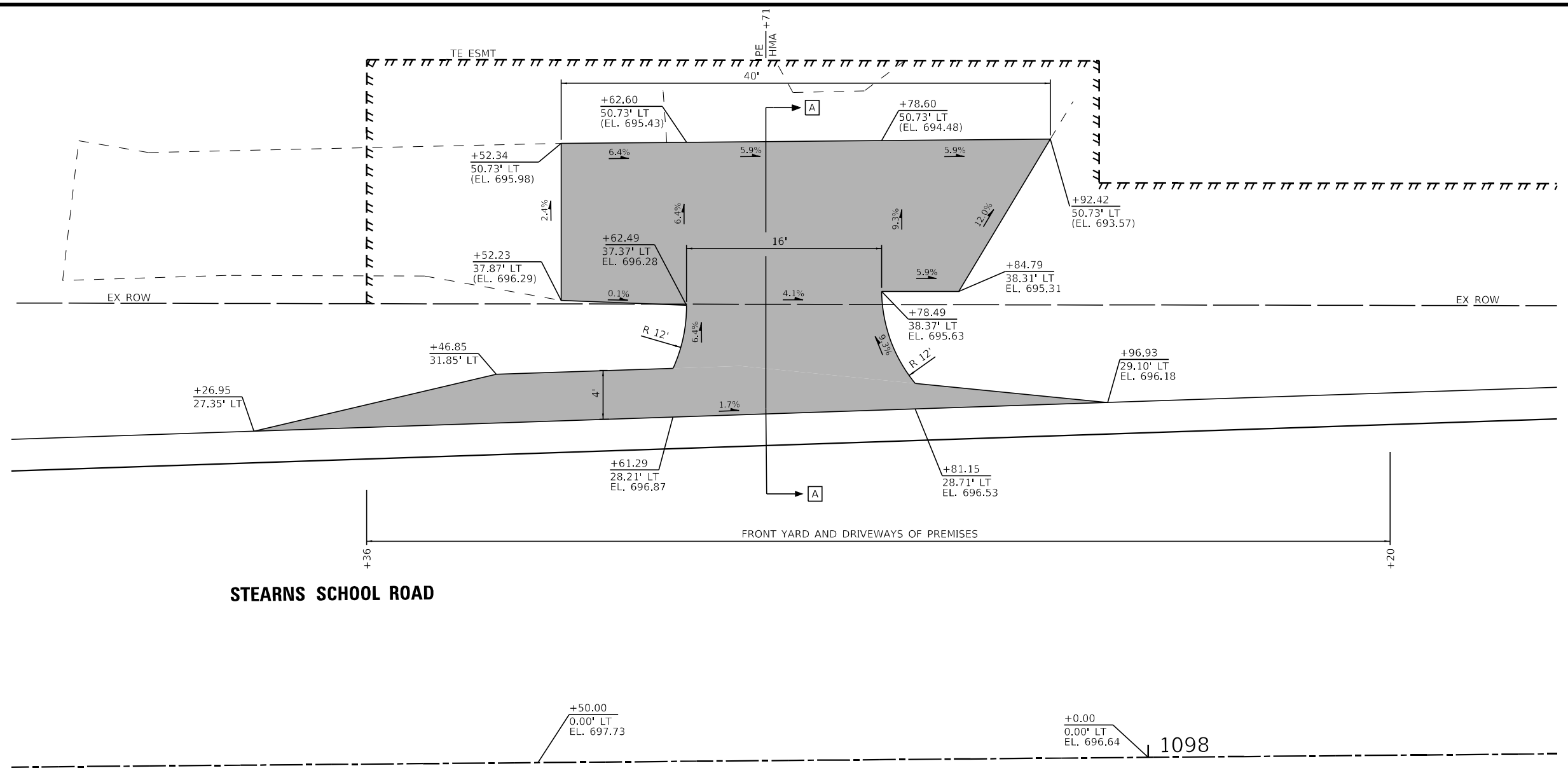


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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAIL	
STEARNS SCHOOL ROAD	
SCALE: 1" = 5'	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 103
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9AR(773)				

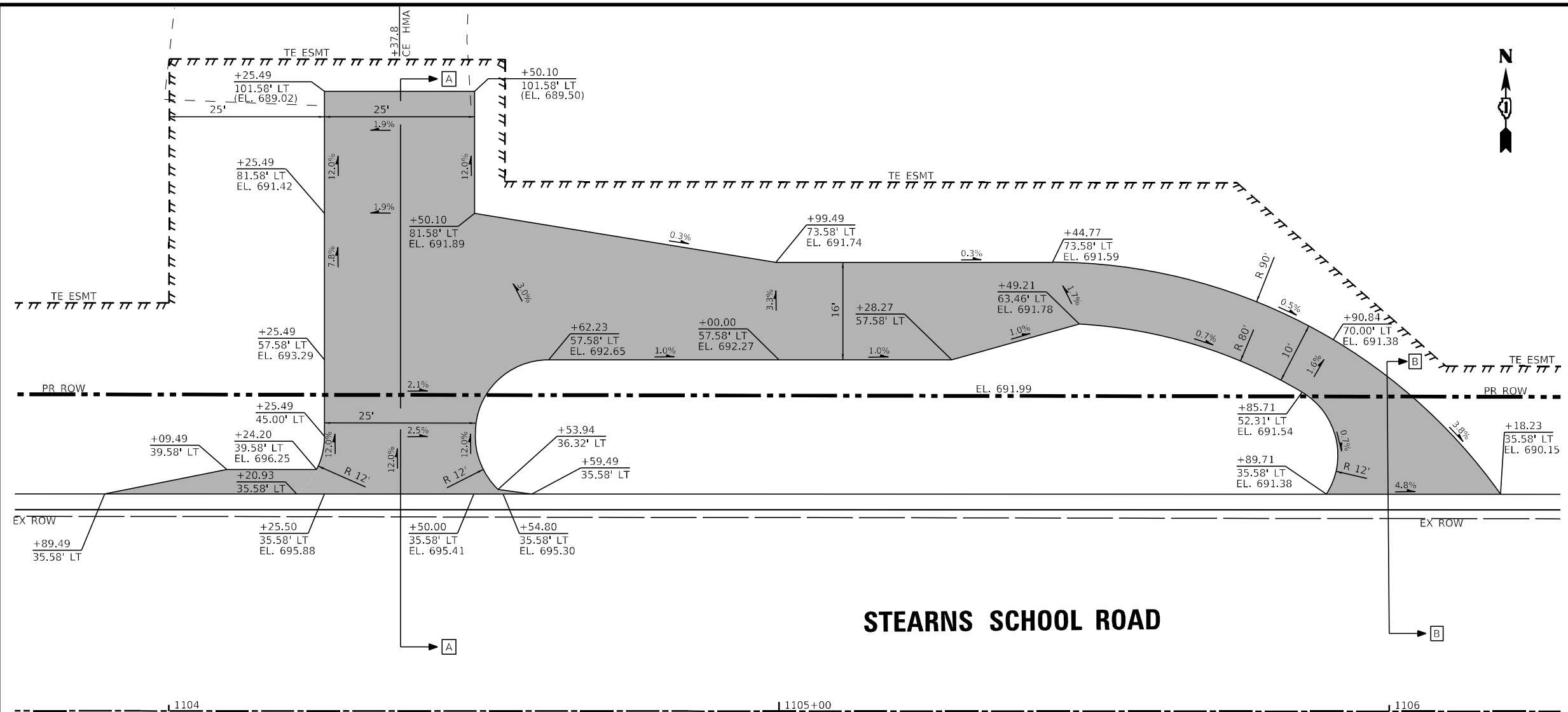


LEGEND

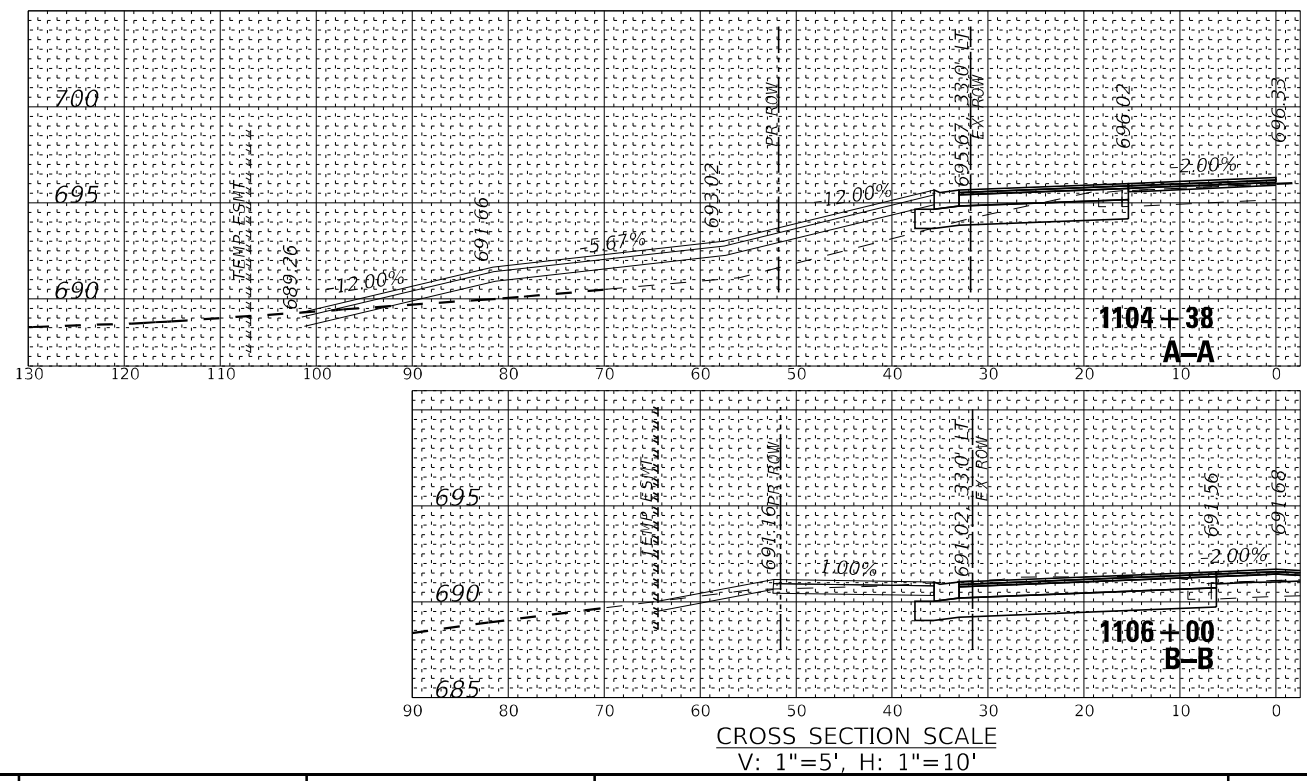
[Shaded Box]	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-2 1/2"
[Shaded Box]	AGGREGATE BASE COURSE, TYPE B 6"
(EL. XXX.XX)	EXISTING ELEVATION



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STEARNS SCHOOL ROAD



LEGEND

	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", 1L-9.5, N50-2 1/2"
	AGGREGATE BASE COURSE, TYPE B 6"
(EL. XXX.XX)	EXISTING ELEVATION



USER NAME = morrig	DESIGNED - AMW	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 12/16/2023	CHECKED - JJF	REVISED -
	DATE - 12/16/2023	FILE - 161141_SHT-Driveway_Details_02.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAIL
STEARNS SCHOOL ROAD

SCALE: 1" = 10' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 104
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

TRAFFIC SIGNAL LEGEND

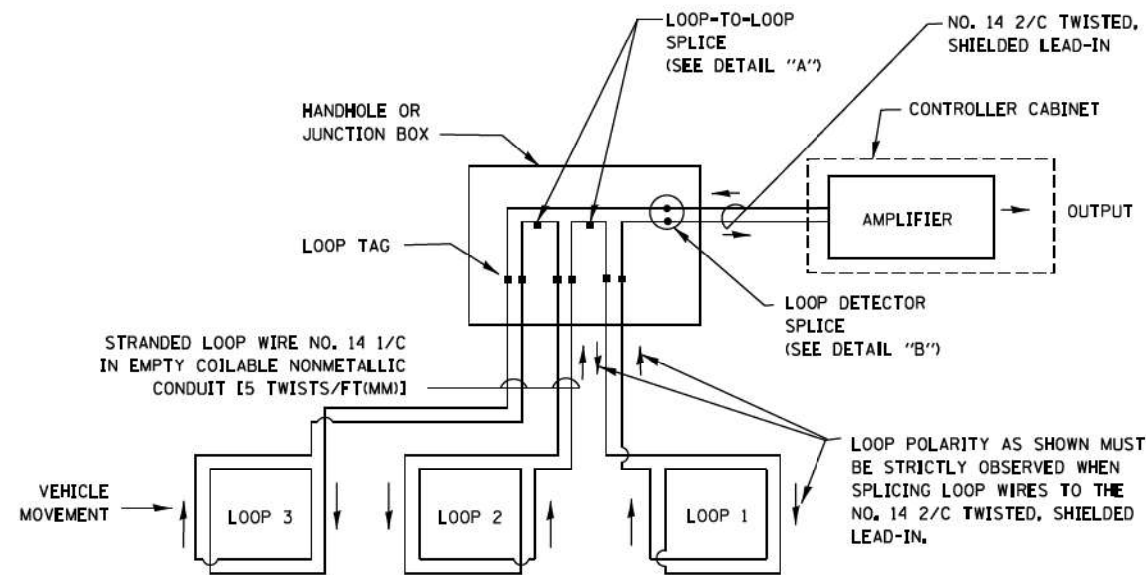
(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE			SIGNAL HEAD		
COMMUNICATION CABINET			-SQUARE			- (P) PROGRAMMABLE SIGNAL HEAD		
MASTER CONTROLLER			-ROUND					
MASTER MASTER CONTROLLER			HEAVY DUTY HANDHOLE					
UNINTERRUPTABLE POWER SUPPLY			-SQUARE					
SERVICE INSTALLATION			-ROUND					
- (P) POLE MOUNTED			DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE		
SERVICE INSTALLATION			JUNCTION BOX			- (P) PROGRAMMABLE SIGNAL HEAD		
- (G) GROUND MOUNTED			RAILROAD CANTILEVER MAST ARM			- (RB) RETROREFLECTIVE BACKPLATE		
- (GM) GROUND MOUNTED METERED			RAILROAD FLASHING SIGNAL					
TELEPHONE CONNECTION			RAILROAD CROSSING GATE					
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CROSSBUCK			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
ALUMINUM MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SIGNAL POST			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
- (BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
WOOD POLE			INTERSECTION ITEM			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
GUY WIRE			REMOVE ITEM			COAXIAL CABLE		
SIGNAL HEAD			RELOCATE ITEM			VENDOR CABLE		
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED			FIBER OPTIC CABLE		
FLASHER INSTALLATION			MAST ARM POLE AND FOUNDATION TO BE REMOVED			- NO. 62.5/125, MM12F		
- (FS) SOLAR POWERED			SIGNAL POST AND FOUNDATION TO BE REMOVED			- NO. 62.5/125, MM12F SM12F		
PEDESTRIAN SIGNAL HEAD			DETECTOR LOOP, TYPE 1			- NO. 62.5/125, MM12F SM24F		
PEDESTRIAN PUSH BUTTON			PREFORMED DETECTOR LOOP			- (C) CONTROLLER		
- (APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			SAMPLING (SYSTEM) DETECTOR			- (M) MAST ARM		
RADAR DETECTION SENSOR			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR			- (P) POST		
VIDEO DETECTION CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR			- (S) SERVICE		
RADAR/VIDEO DETECTION ZONE			WIRELESS DETECTOR SENSOR					
PAN, TILT, ZOOM (PTZ) CAMERA			WIRELESS ACCESS POINT					
EMERGENCY VEHICLE LIGHT DETECTOR								
CONFIMATION BEACON								
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

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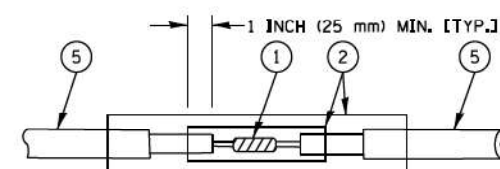
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

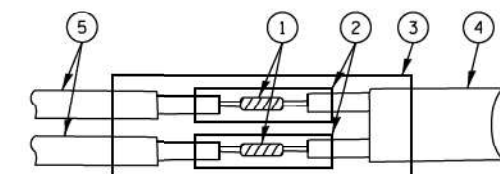


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



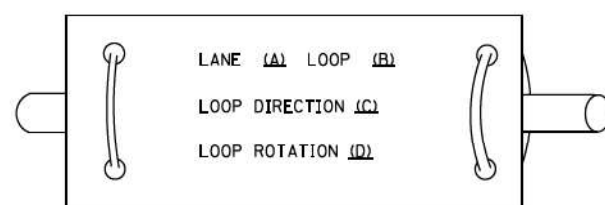
DETAIL "A"
LOOP-TO-LOOP SPLICE



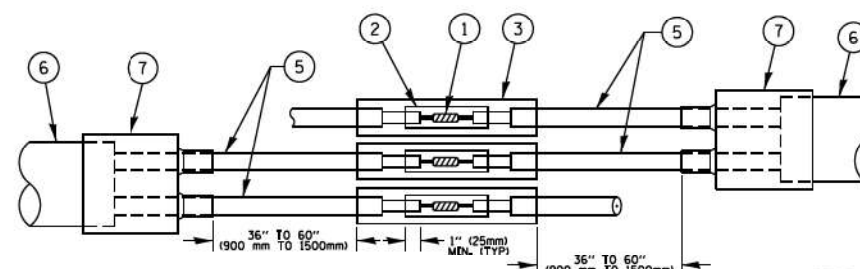
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP

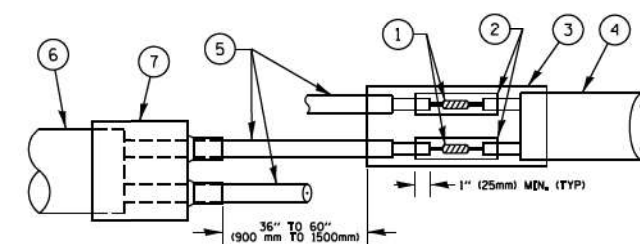
LOOP LEAD-IN CABLE TAG



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PREFORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

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 PROJECT NO. - 18-02-2023
 PROJECT NAME - ILLINOIS DISTRICT ONE DETAILS - TS-05

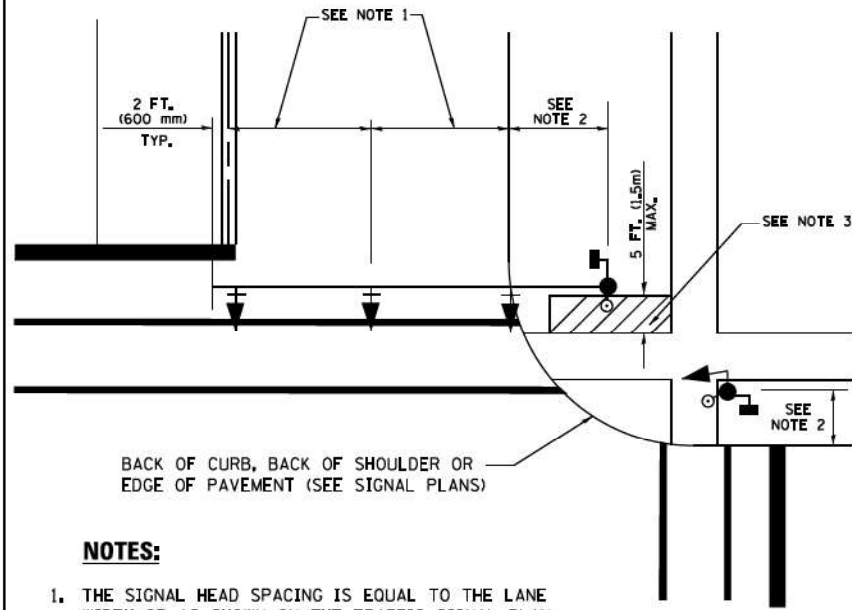
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		CHECKED - DAD	REVISED -
		DATE - 10-28-09	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
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DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	106
	TS-05		CONTRACT NO. 62W53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

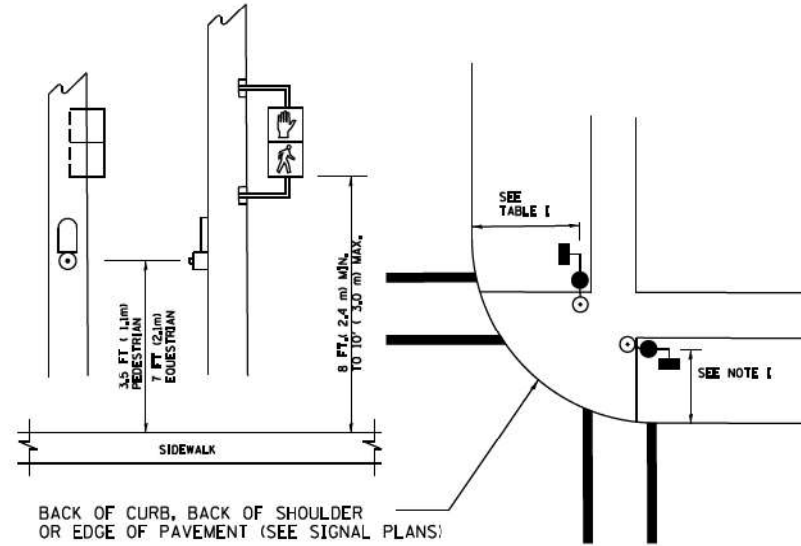
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA, INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

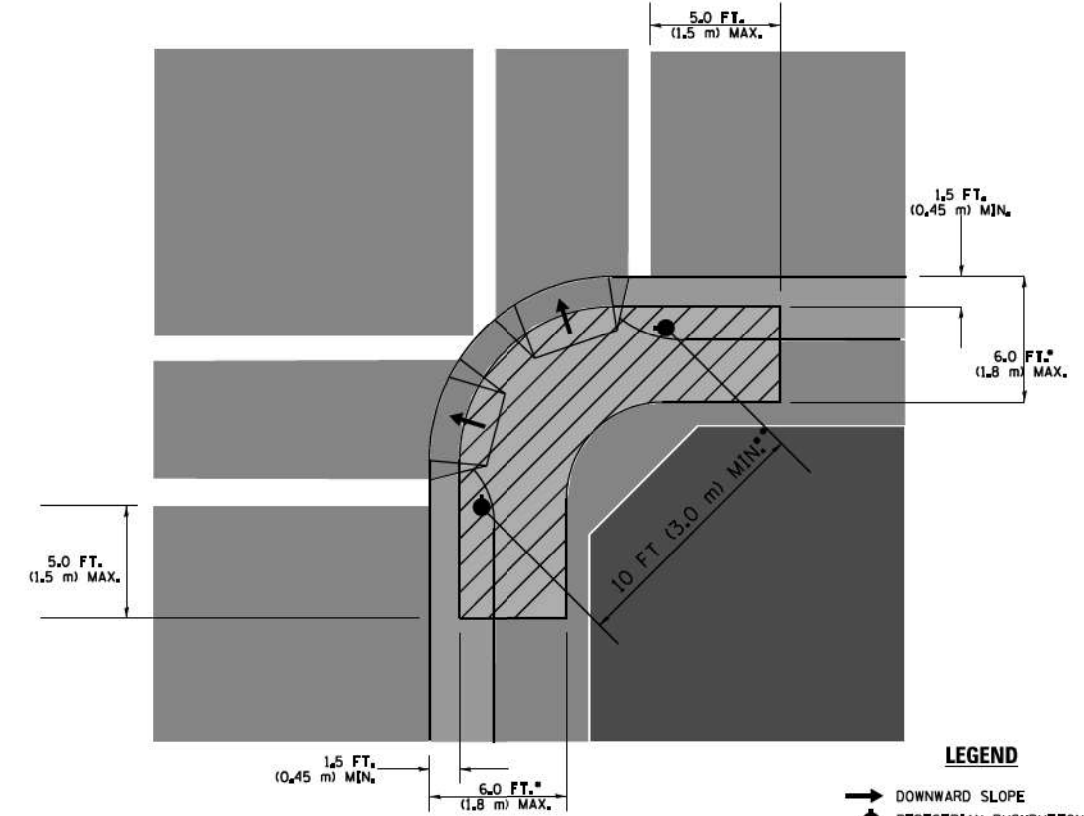
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM, PROJECT NO. 2023-917-TL
 PROJECT NO. 18-02/2023
 PROJECT: 1110010110001\CDOT\VEH-US-4-Streams_School\CADD\Sheets-Phase 1\VEH\DISTRICT ONE DETAILS - TS.dgn

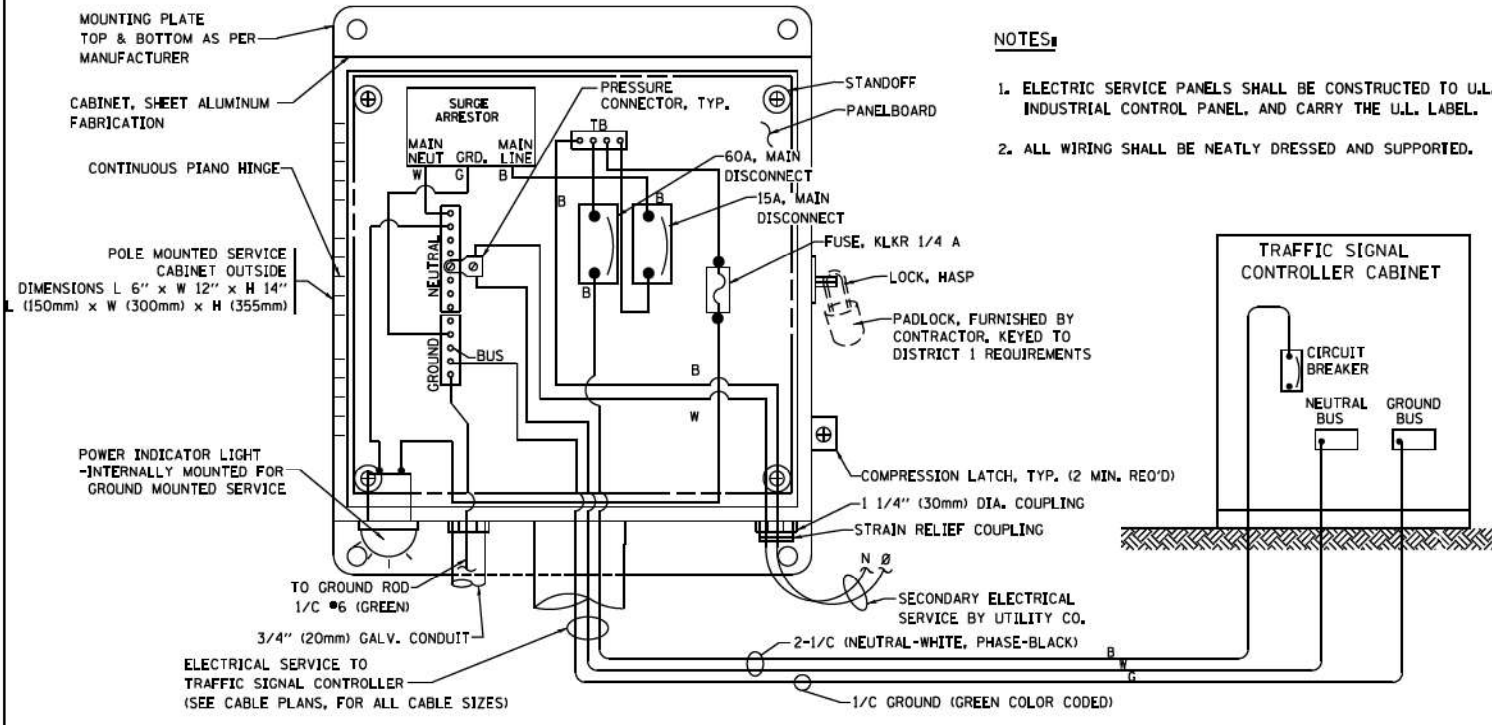
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

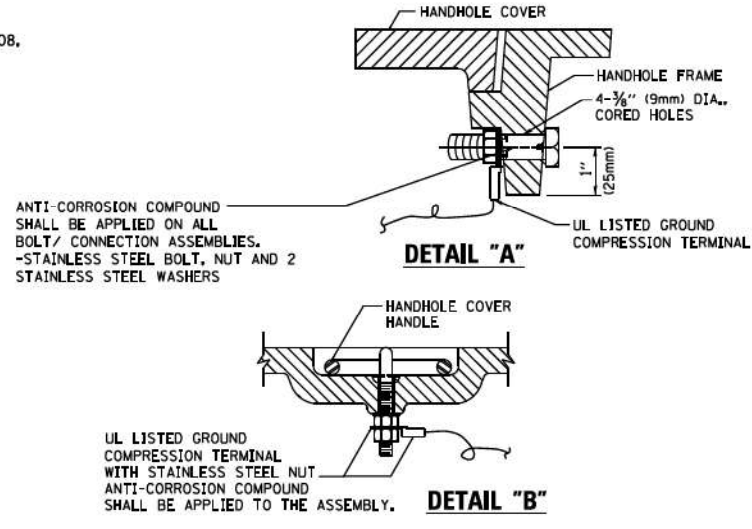
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	107
	TS-05	CONTRACT NO.	62W53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

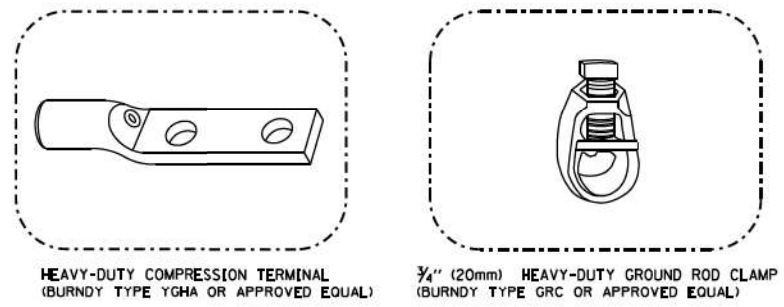
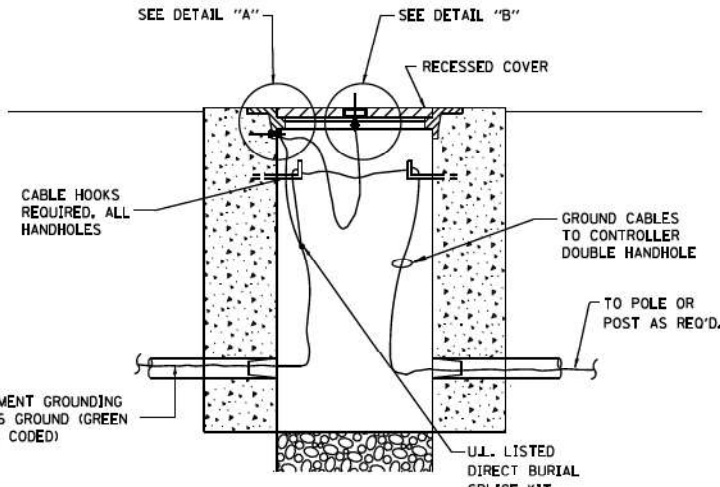


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE) SERVICE INSTALLATION POLE MOUNT (SHOWN) (NOT TO SCALE)



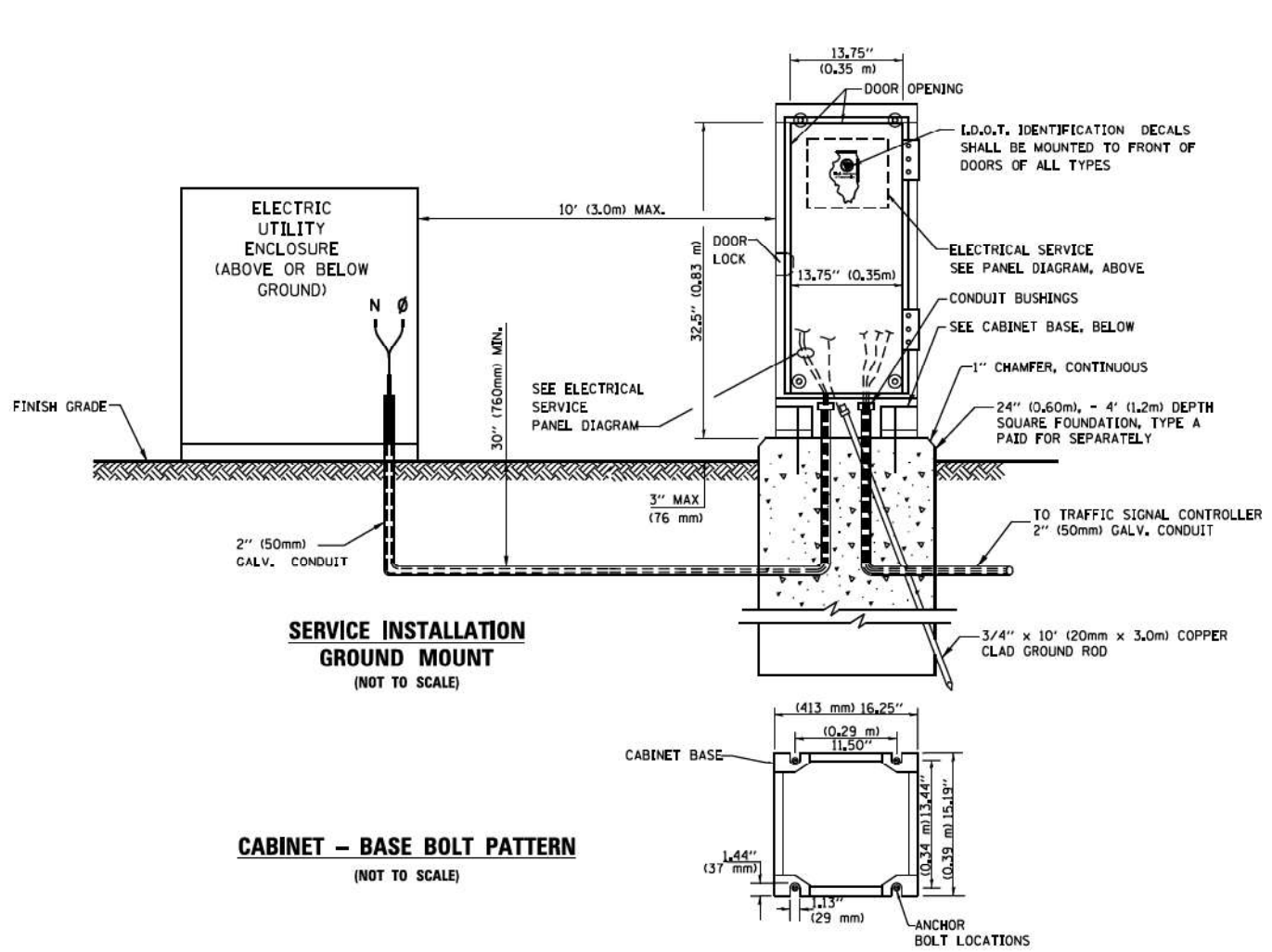
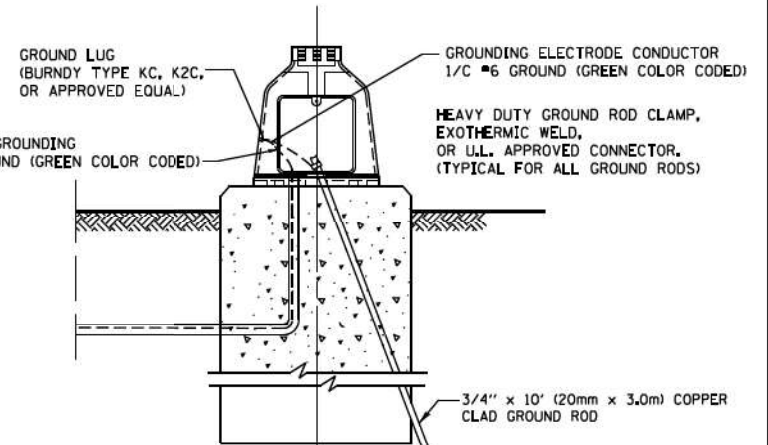
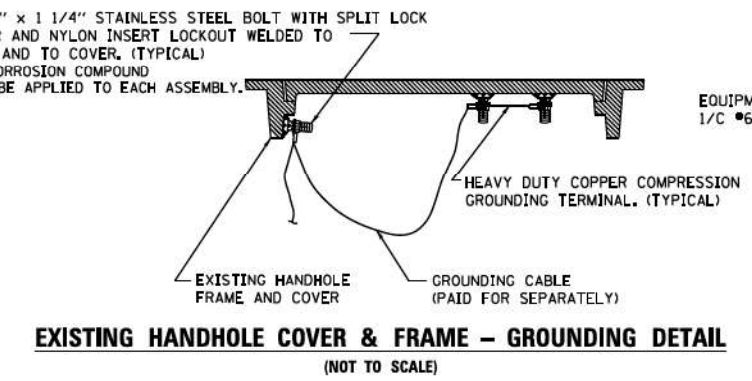
NOTES:
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS, THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD, ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION, AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPEO OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



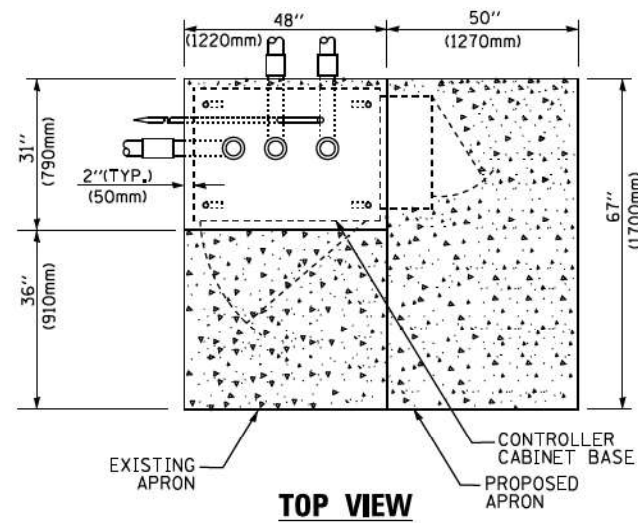
COPYRIGHT © 2017, BY BAXTER & WOODMAN, INC. STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM. PLOT DATE = 1/13/2014. FILE NAME = ca:\p-work\p\dot\footemj\00108315\ts05.dgn. DRAWN - BCK. CHECKED - DAD. DATE - 10-28-09. DESIGNED - DAD. REVISED - DAG 1-1-14.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

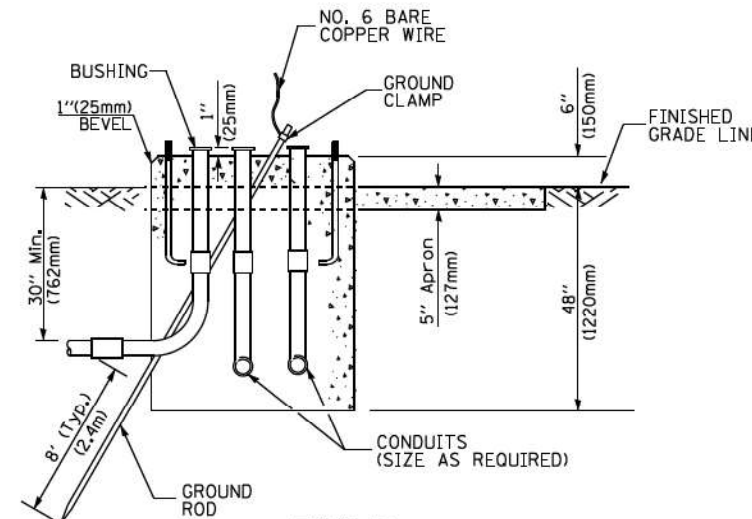
DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TS-05		CONTRACT NO. 62W53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

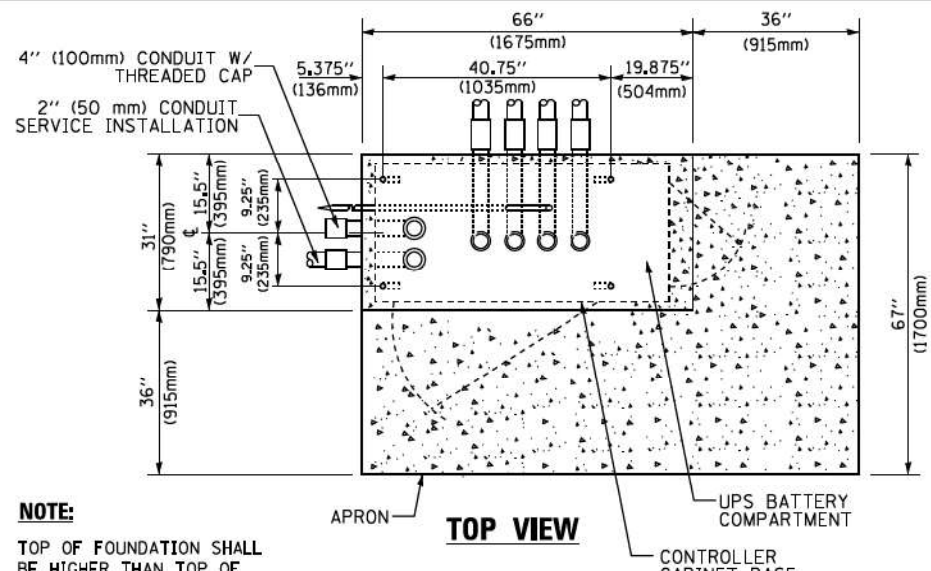
SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. TO STA.



TOP VIEW

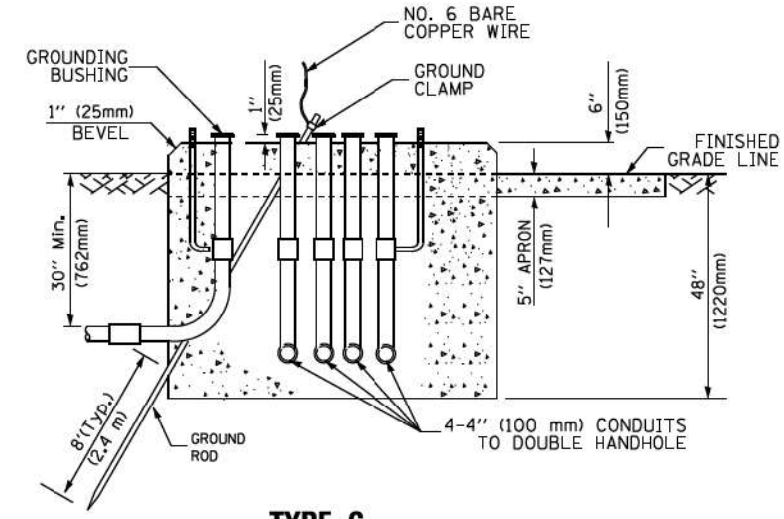


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

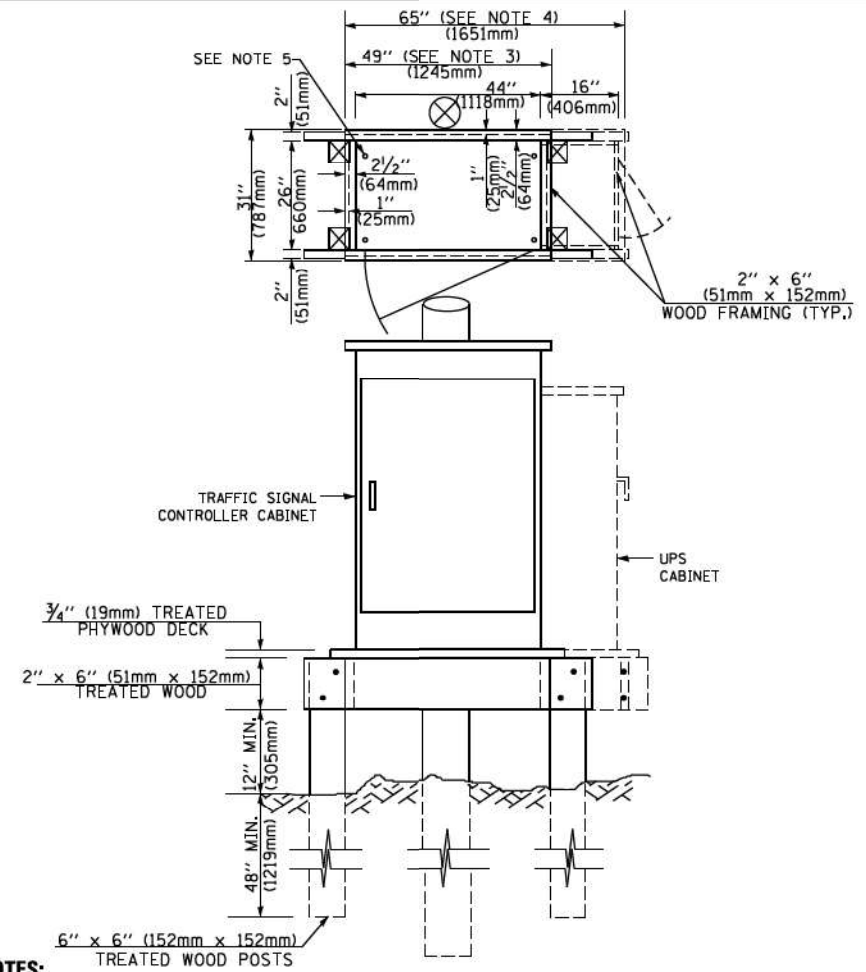


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

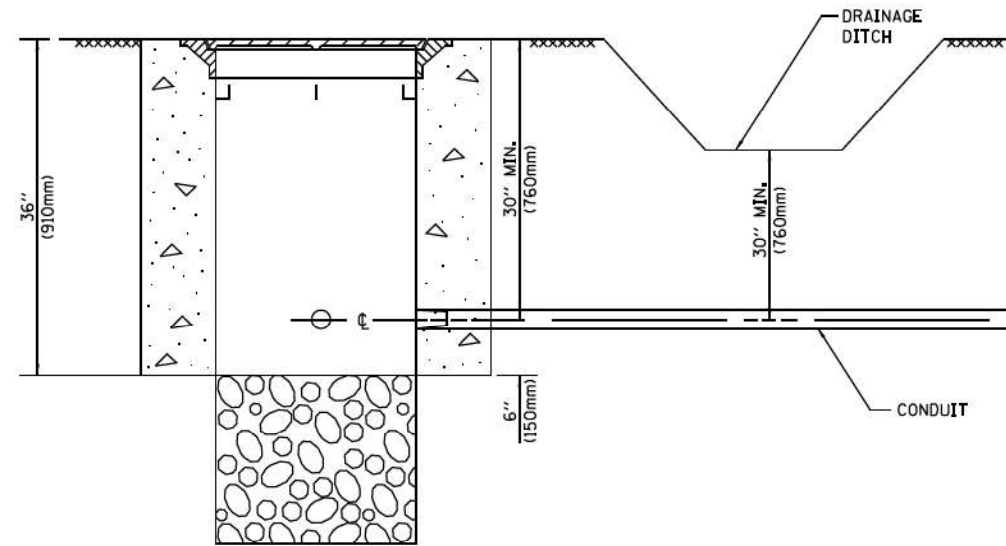
NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. 18-02-023
 PROJECT: ILLINOIS STATE ROUTE 150
 PROJECT LOCATION: ILLINOIS STATE ROUTE 150, ILLINOIS
 PROJECT DESCRIPTION: TRAFFIC SIGNAL CONTROL SYSTEM

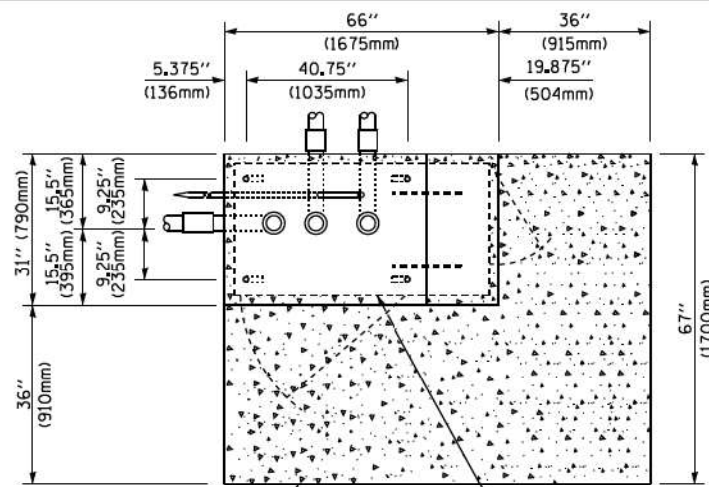
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PLOT DATE = 1/13/2014	DATE = 10-28-09	CHECKED - DAD	REVISED -			TS-05		CONTRACT NO. 62W53		
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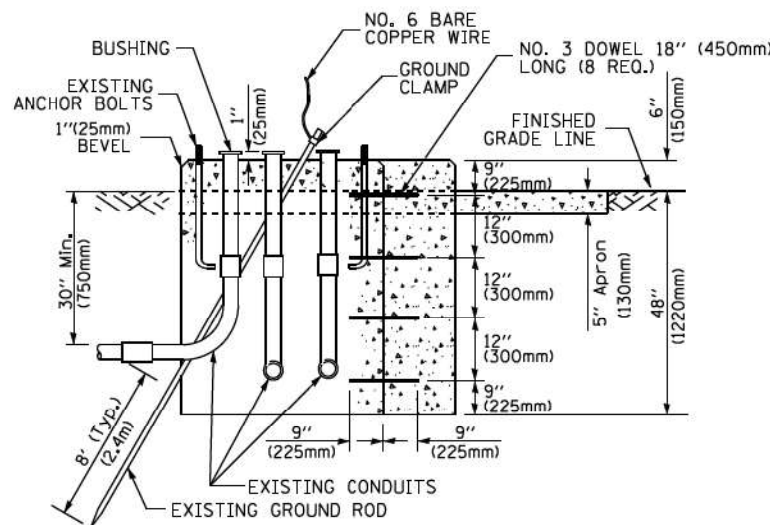
NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

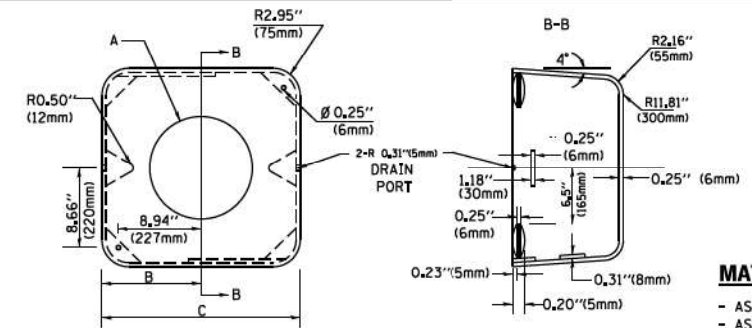
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



TOP VIEW
(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)



MATERIAL:
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

	A	B	C	HEIGHT	WEIGHT
VARIABLES	VARIES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	VARIES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	VARIES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	VARIES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

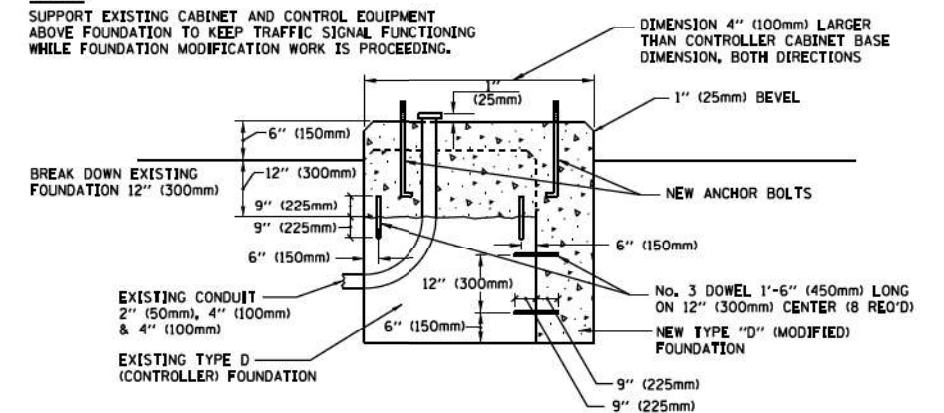
SHROUD

NOTES:

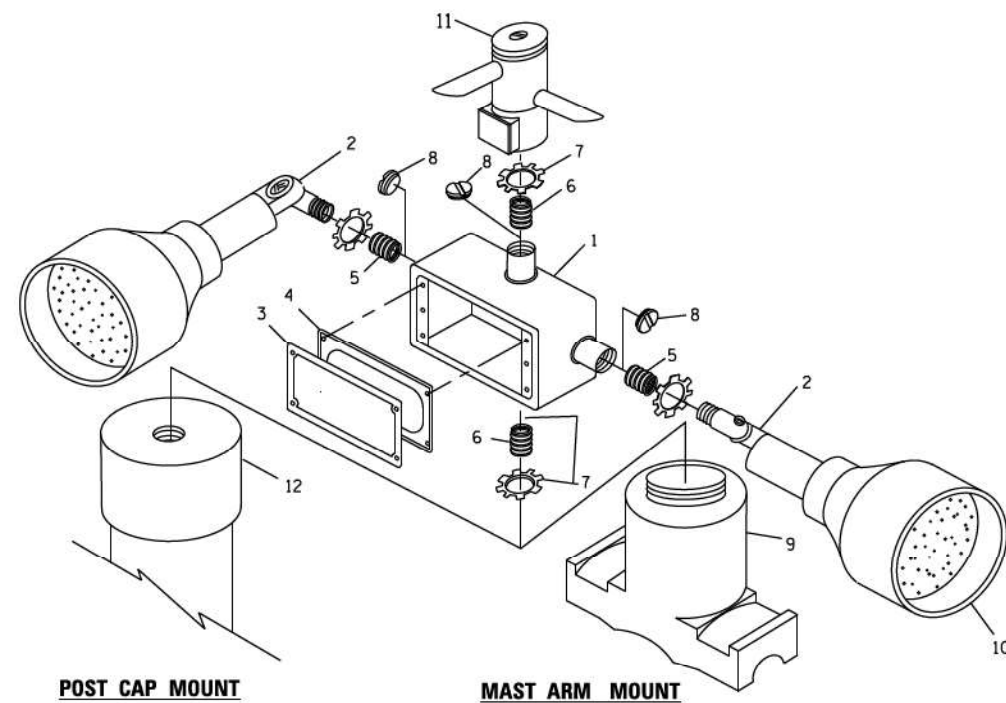
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

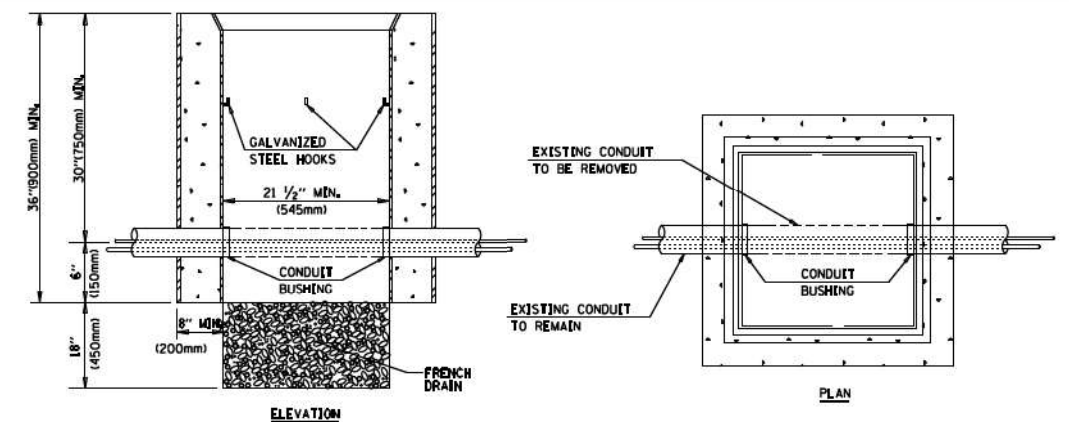


EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

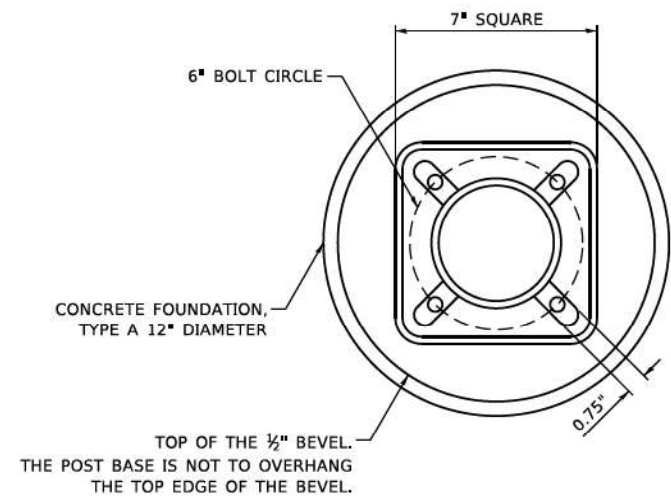
HANDHOLE TO INTERCEPT EXISTING CONDUIT

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM (PDR) - 10/2/2014
 PROJECT NO. - 18-02-2014
 PROJECT NAME - "CONDUIT DEPTH"

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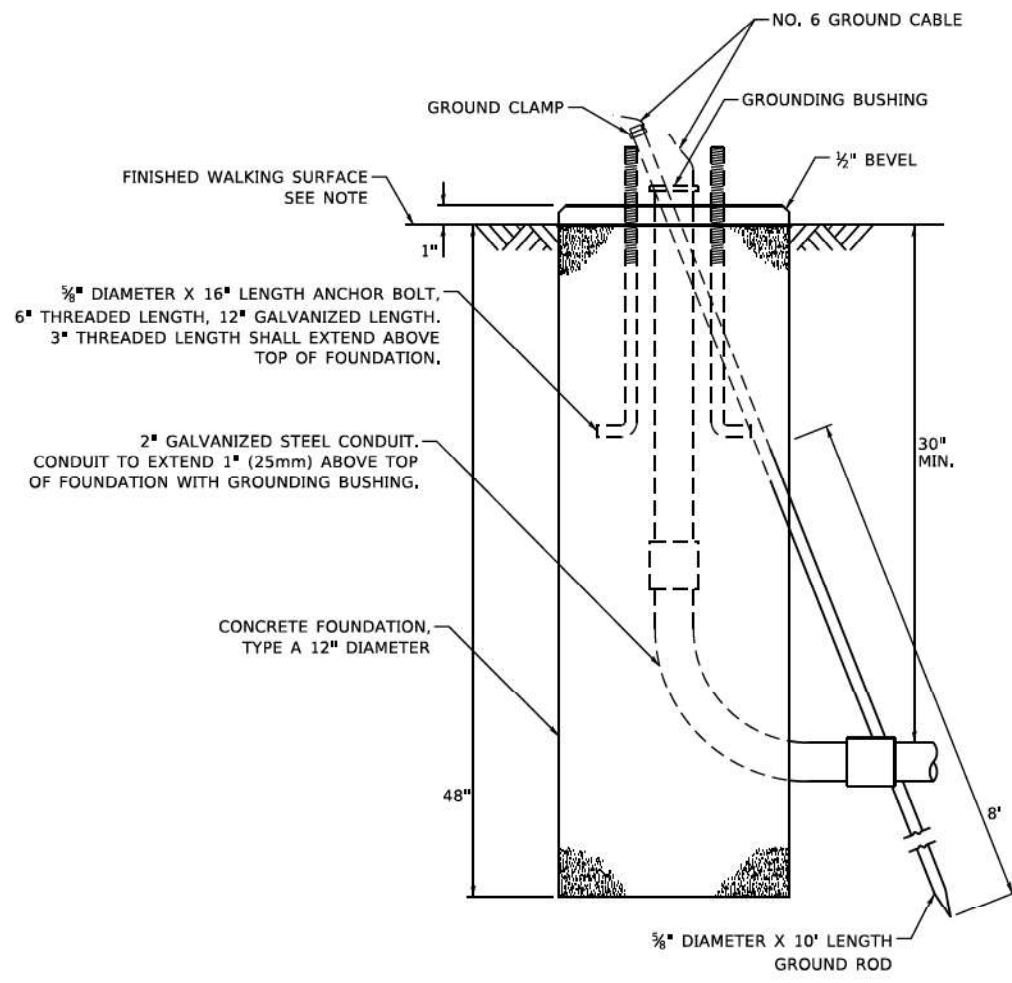
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			2023-917-TL	LAKE	173	110
SCALE: NONE		TS-05		CONTRACT NO. 62W53		
SHEET NO. 6 OF 7 SHEETS		FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJ. #HSIP-9AR6(773)		

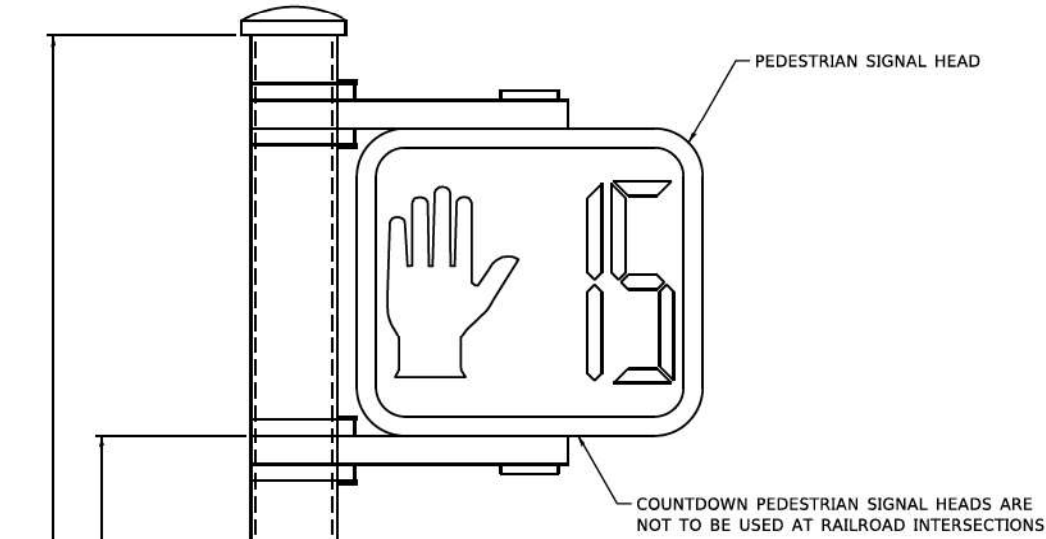


BOLT PATTERN

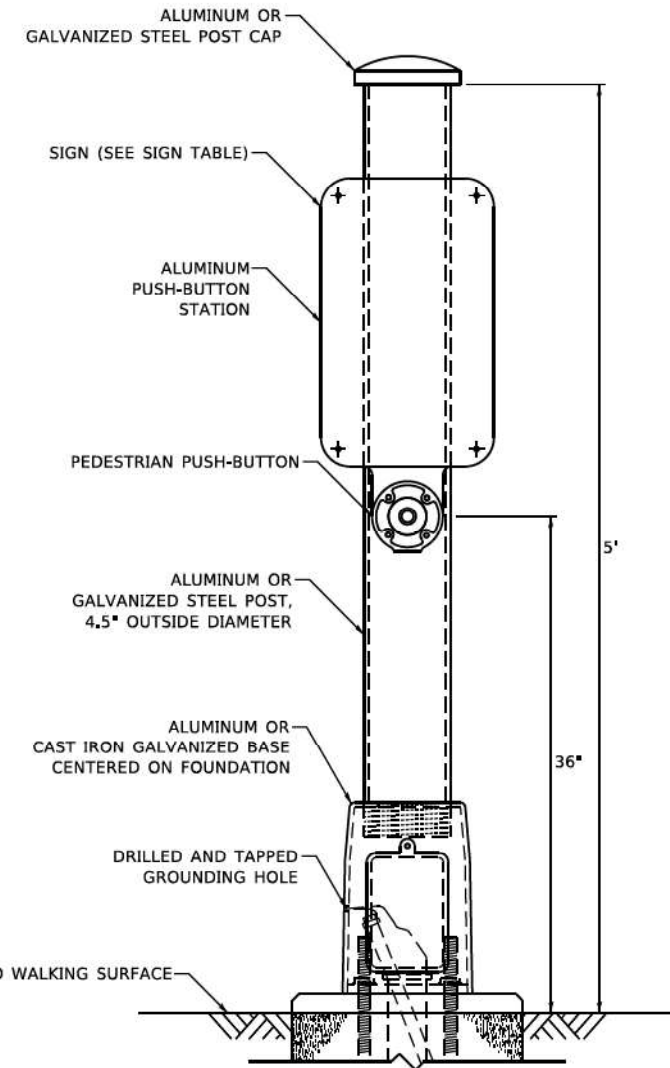
NOTE:
 1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



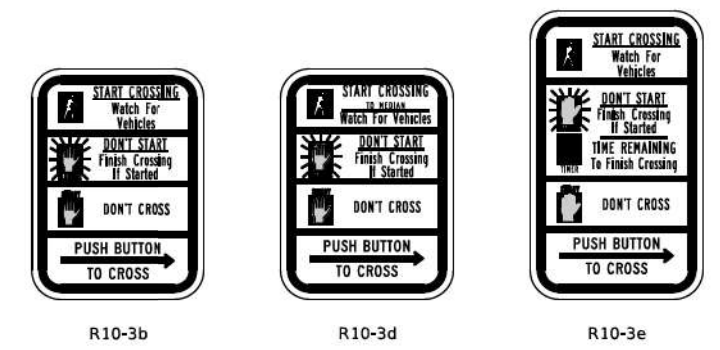
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:
 1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
 2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
 3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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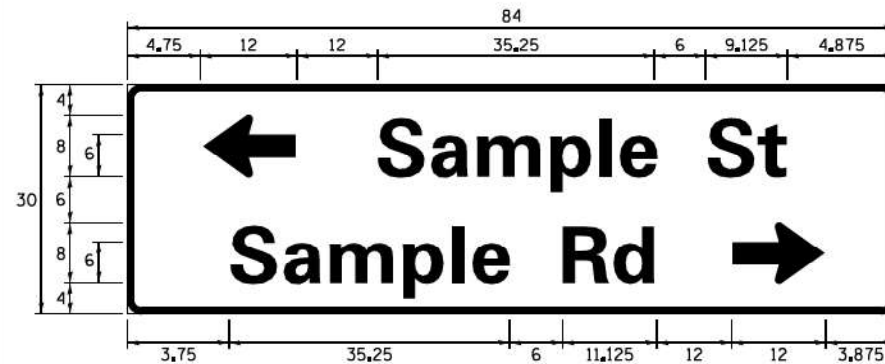
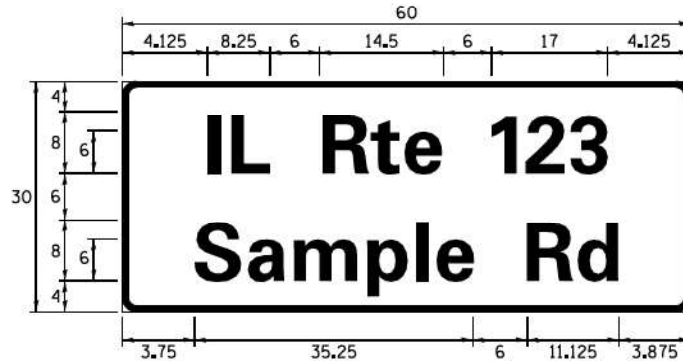
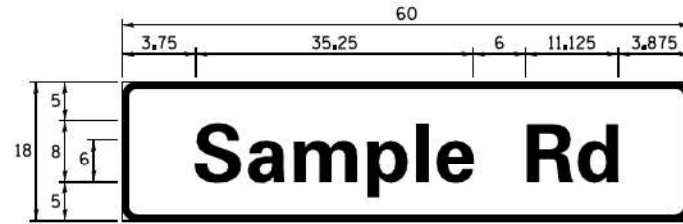
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NTS	SHEET NO. 7 OF 7 SHEETS
STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	111
TS-05		CONTRACT NO. 62W53		
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVIATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15,000	18,250
BOULEVARD	Blvd	17,125	20,000
CIRCLE	Cir	11,125	13,000
COURT	Ct	8,250	9,625
DRIVE	Dr	8,625	10,125
HIGHWAY	Hwy	18,375	22,000
ILLINOIS	IL	7,000	8,250
LANE	Ln	9,125	10,750
PARKWAY	Pkwy	23,375	27,375
PLACE	Pl	7,125	7,750
ROAD	Rd	9,625	11,125
ROUTE	Rte	12,625	14,500
STREET	St	8,000	9,125
TERRACE	Ter	12,625	14,625
TRAIL	Tr	7,750	9,125
UNITED STATES	US	10,375	12,250

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

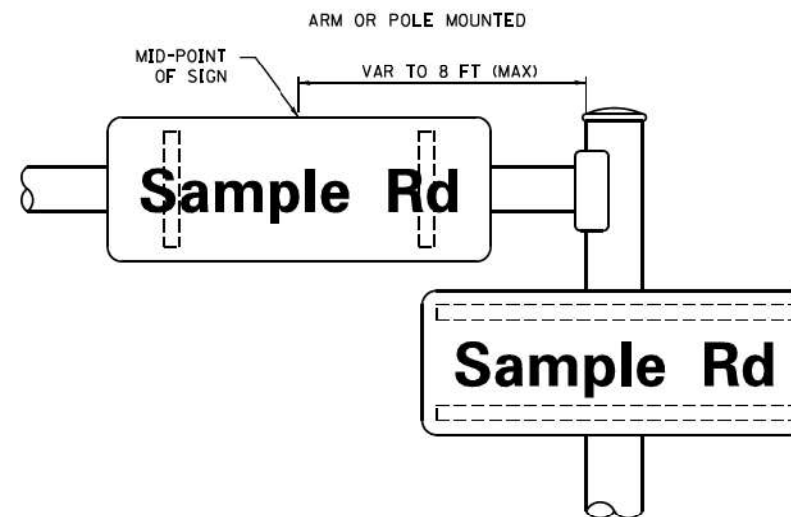
- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA
- WESTERN REMAC, INC.
WOODRIDGE, IL

PARTS LISTING:

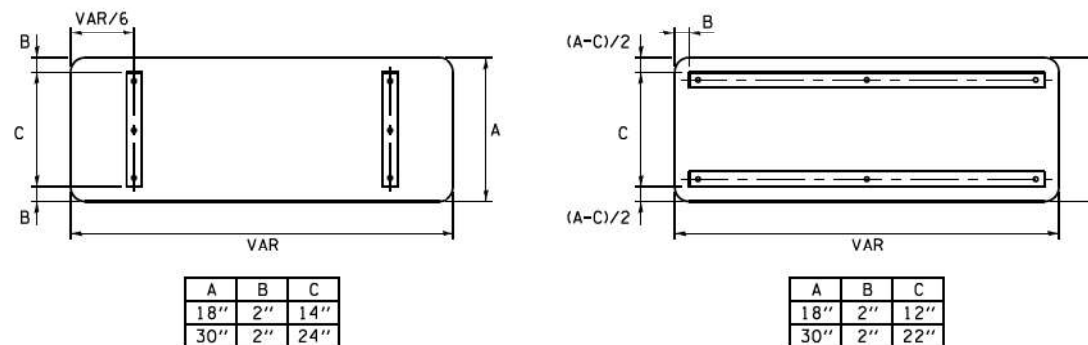
- SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
1/4" x 14 x 1" H.W.H. #3
- SIGN SCREWS SELF TAPPING WITH NEOPRENE WASHER
PART #HPN034 (UNIVERSAL)
- BRACKETS CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION



SUPPORTING CHANNELS



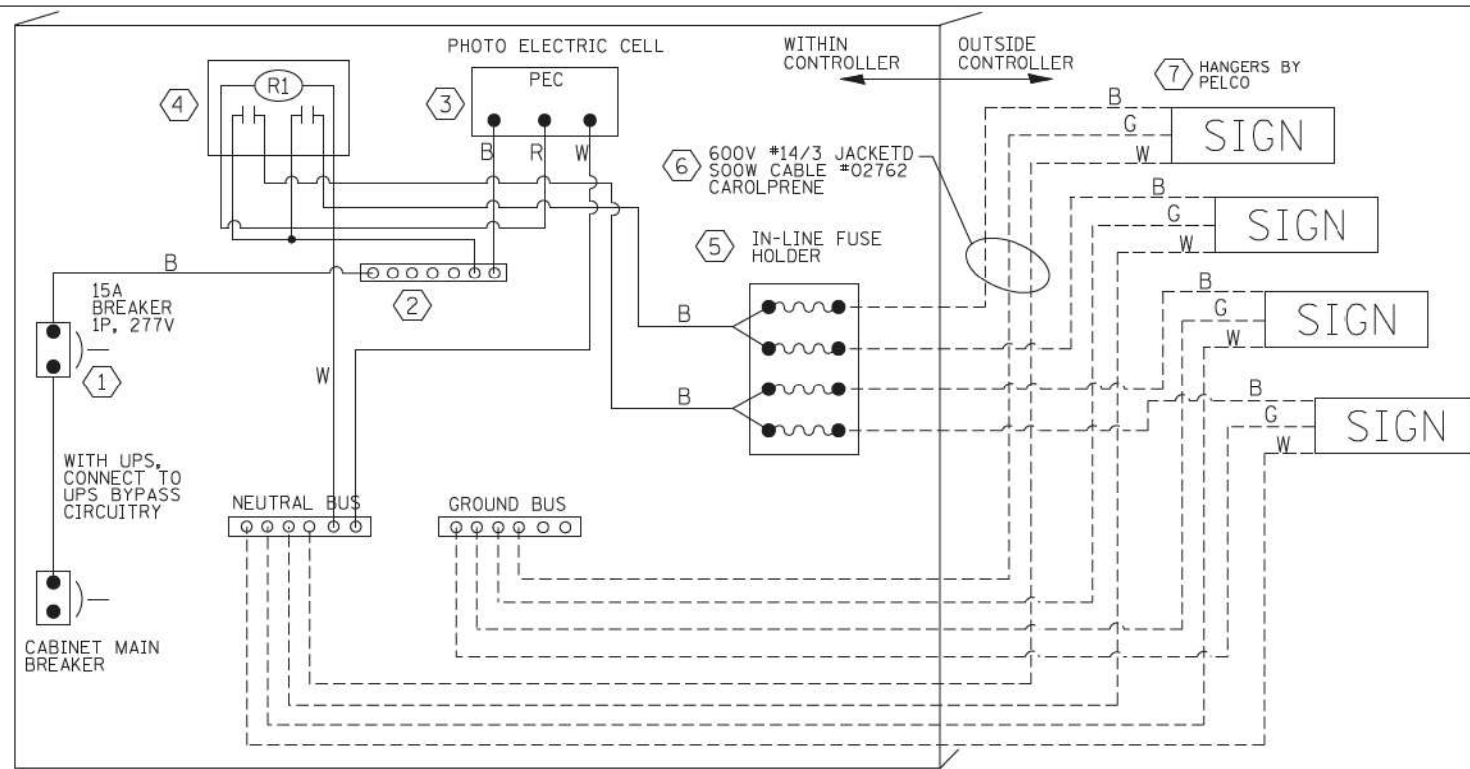
STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

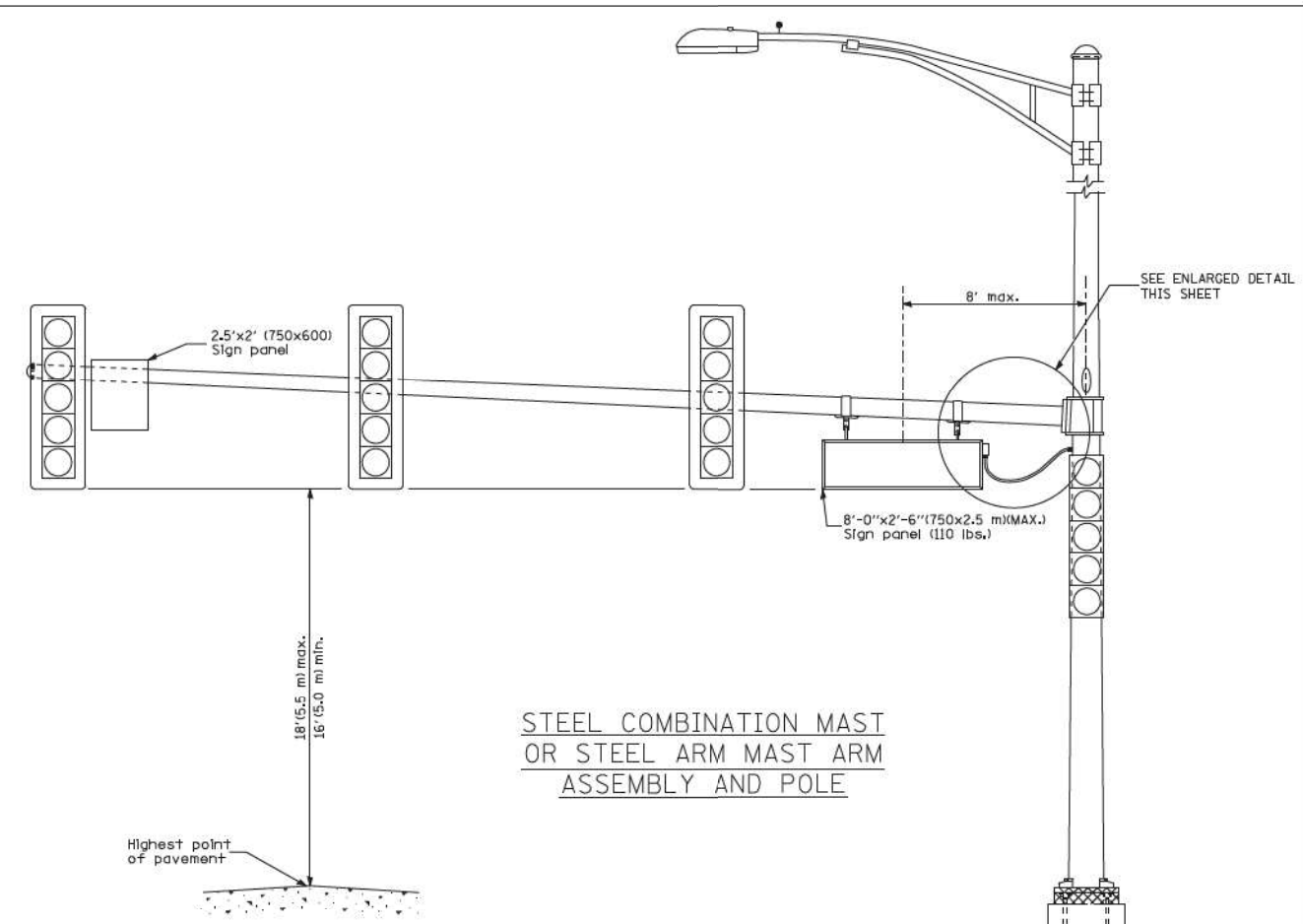
CHARACTER	FHWA SERIES "C"			CHARACTER	FHWA SERIES "D"		
	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)		LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM (PDR) No. 18-022-2023
 PROJECT: ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE DETAILS - TS.dgn
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 PLOT SCALE = 50.0000' / 1"

FILE NAME :	USER NAME = dravekosgn	DESIGNED - LP/IP	REVISED - LP 07/01/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1"	CHECKED - JP	REVISED -			2023-917-TL	LAKE	173	112	
	PLOT DATE = 7/31/2015	DATE - 10/01/2014	REVISED -			TS-02	CONTRACT NO. 62W53	ILLINOIS FED. AID PROJECT HSIP-9AR6(773)		



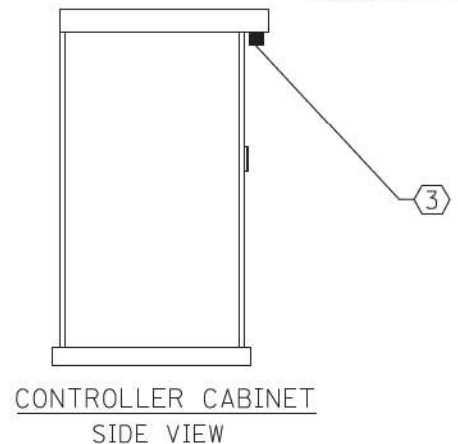
LED SIGN WIRING DETAIL



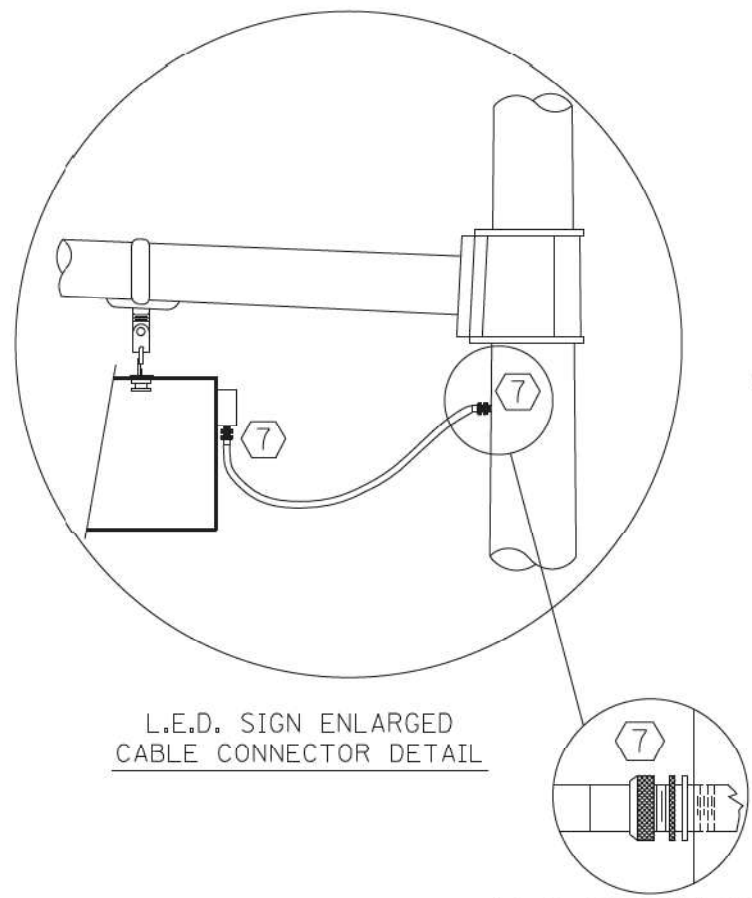
STEEL COMBINATION MAST OR STEEL ARM MAST ASSEMBLY AND POLE

DESCRIPTION	MANUFACTURER	MODEL	NOTES
① CIRCUIT BREAKER		15 AMPERE	Molded case, Thermal Mag. min. R.I. of 14K R.M.S. symmetrical ampere at 277V.
② TERMINAL BLOCK	MARATHON	1502 DJSV	
③ PHOTO ELECTRIC CONTROL	FISHER PIERCE	B124-1.5-07762	
④ CONTROL RELAY	SQUARE D	8501X020V02	BOLT ON W/SCREW TERMINAL
⑤ INLINE FUSE HOLDER WITH 5 AMP FUSE	BUSSMAN	S-8000 BK/S-8-3-4-R	
⑥ ELECTRIC CABLE, NO. 14, 3/C (BLACK, WHITE, GREEN)	CAROLPRENE/SOOW	02762	
⑦ SIGN MOUNTING HARDWARE	PELCO	SE-5015	S.S. HARDWARE

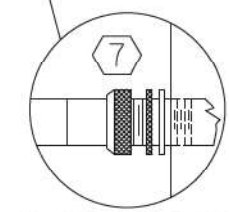
BILL OF MATERIALS



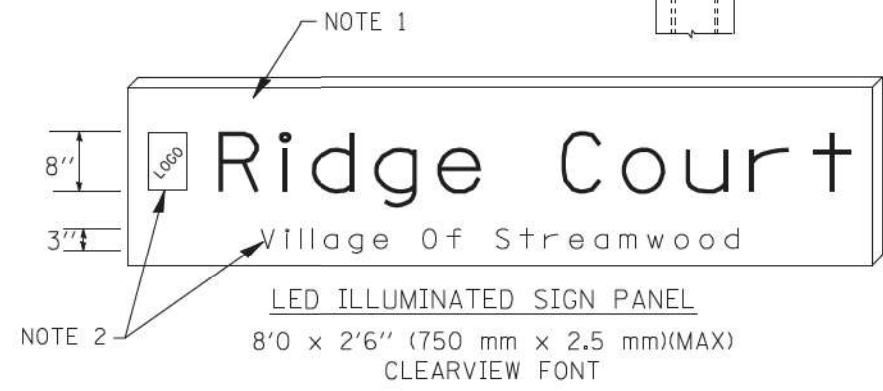
CONTROLLER CABINET SIDE VIEW



L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL



L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL



NOTES:

- SIGNS SHALL BE DUAL SIDED. FRONT AND BACK OF SIGN WILL BE THE SAME.
- CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
- SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

FILE NAME =	USER NAME = kanthapxaybc	DESIGNED - BCK	REVISED -
ca:\pe_work\paxdot\kanthapxaybc\d011261\traffic_legend_v8.dgn		DRAWN - BCK	REVISED -
		CHECKED - DAD	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
LIGHTED STREET NAME SIGN

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	113
CONTRACT NO.				

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

REMOVAL AND RELOCATION NOTES

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE OF ROW AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 9 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 4 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 7 EACH TRAFFIC SIGNAL BACK PLATE
- 2 EACH TRAFFIC SIGNAL POST
- 2 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 1 EACH COMBINATION STEEL MAST ARM ASSEMBLY AND POLE (WITHOUT LUMINAIRE ARM)
- 1 EACH SERVICE INSTALLATION
- 1 EACH UPS (COMPLETE)

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL DELIVER ALL EQUIPMENT TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: VILLAGE OF GURNEE FIRE DEPARTMENT

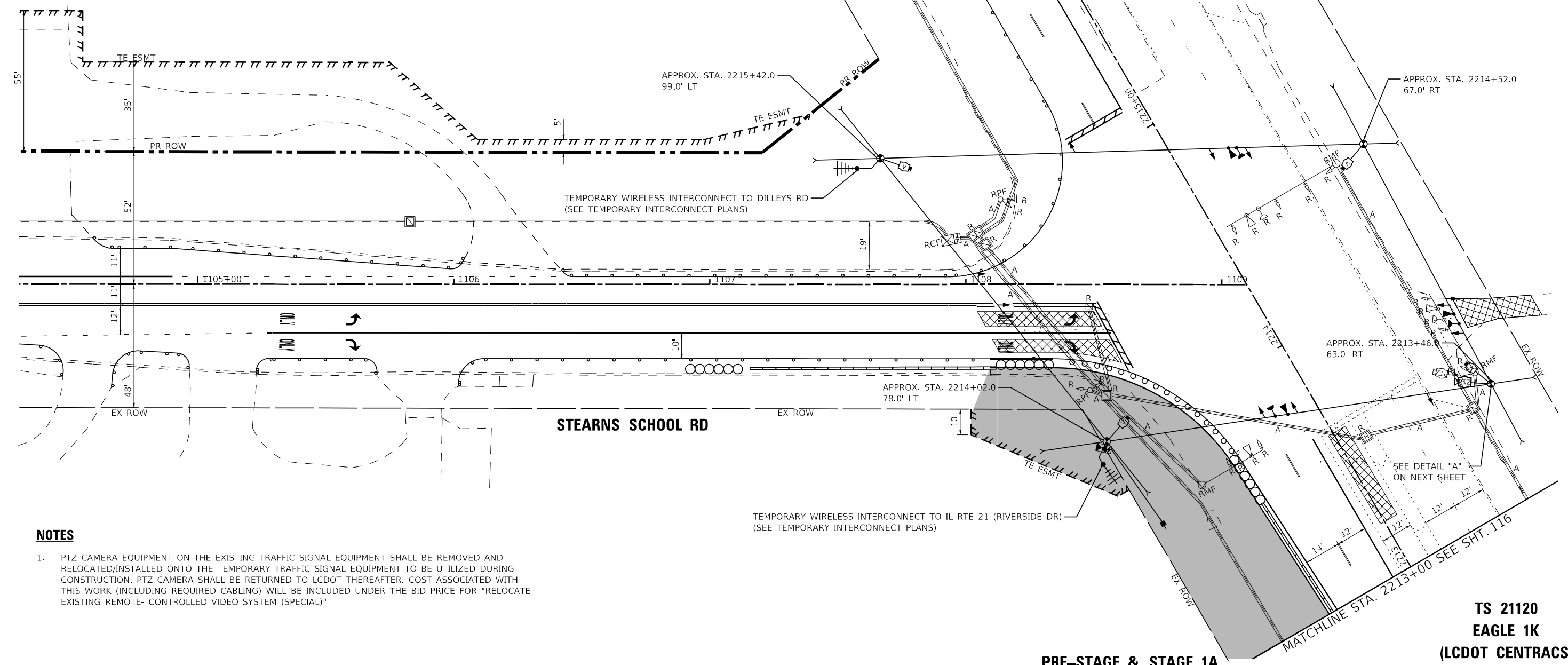
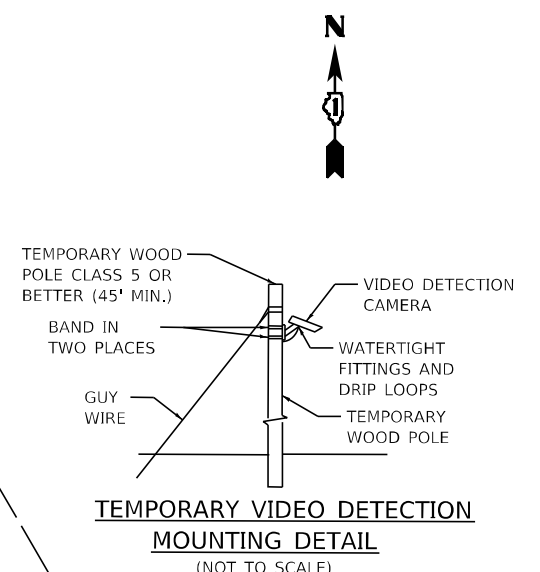
- 3 EACH CONFIRMATION BEACON
- 3 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER

AGENCY: LAKE COUNTY DOT
RELOCATE TO TEMPORARY TRAFFIC SIGNAL AND RETURN TO LCDOT

- 1 EACH PTZ CAMERA
- 1 EACH ENCODER

AGENCY: LAKE COUNTY DOT
RELOCATE TO TEMPORARY TRAFFIC SIGNAL CABINET.
RELOCATE FROM TEMPORARY TRAFFIC SIGNAL CABINET TO PROPOSED TRAFFIC SIGNAL CABINET.

- 2 EACH SWITCH



NOTES

- 1. PTZ CAMERA EQUIPMENT ON THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND RELOCATED/INSTALLED ONTO THE TEMPORARY TRAFFIC SIGNAL EQUIPMENT TO BE UTILIZED DURING CONSTRUCTION. PTZ CAMERA SHALL BE RETURNED TO LCDOT THEREAFTER. COST ASSOCIATED WITH THIS WORK (INCLUDING REQUIRED CABLING) WILL BE INCLUDED UNDER THE BID PRICE FOR "RELOCATE EXISTING REMOTE- CONTROLLED VIDEO SYSTEM (SPECIAL)"

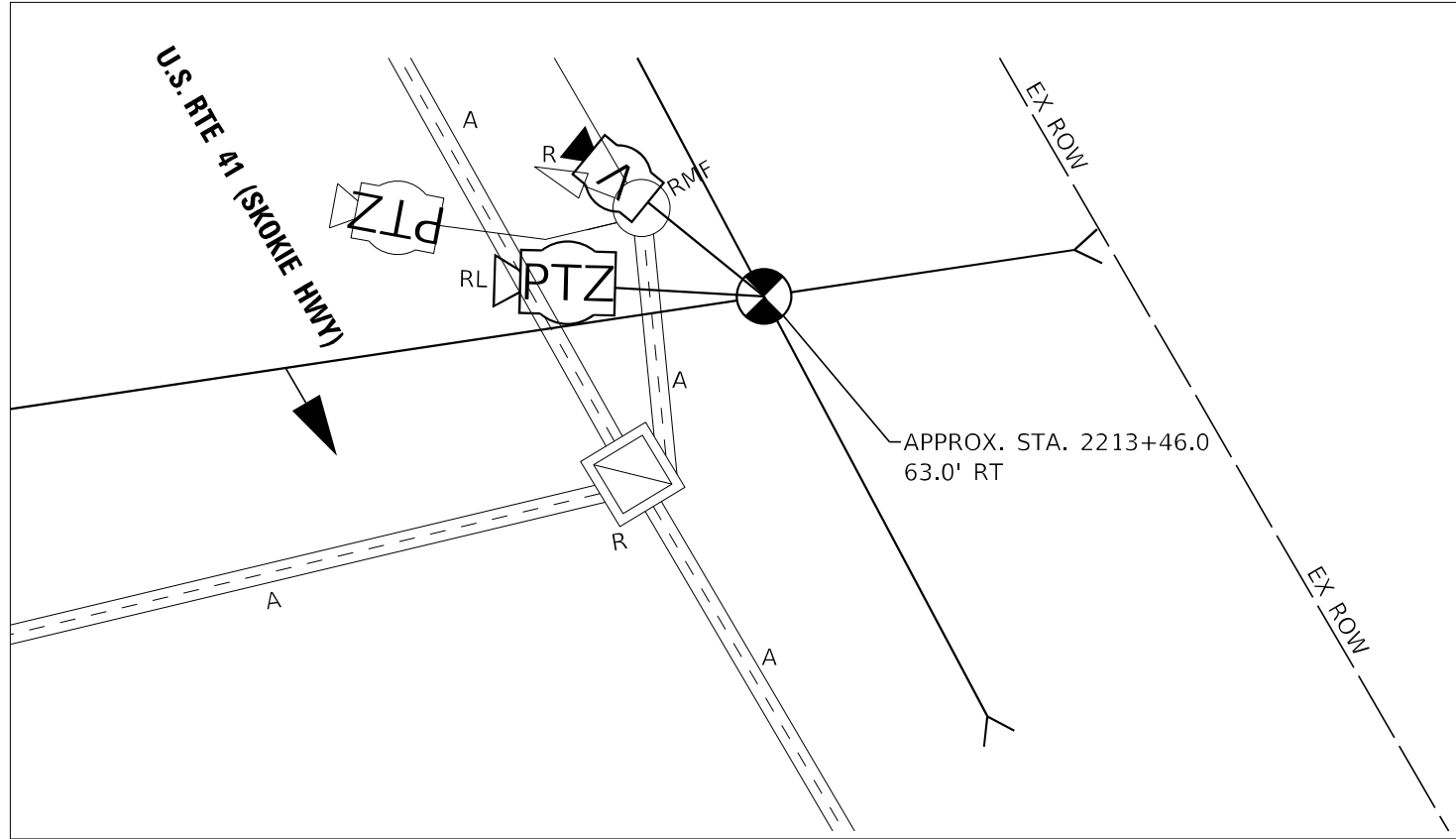
PRE-STAGE & STAGE 1A

**TS 21120
EAGLE 1K
(LCDOT CENTRACS)**

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	USER NAME = morrij	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 1 OF 2) U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD		F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 114	
	PLOT SCALE = 40,0000' / in.	CHECKED - JJF	REVISED -		SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 62W53				
	PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TS_Temp_InstallationPlan_Stage1A_01.dgn		ILLINOIS FED. AID PROJECT HSIP-9ARG(773)							

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DETAIL A - SOUTHEAST CORNER
 (SEE PREVIOUS SHEET)

TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)

PRE-STAGE & STAGE 1A



USER NAME = morning	DESIGNED - SAW	REVISED -
DRAWN - MJO	CHECKED - JJF	REVISED -
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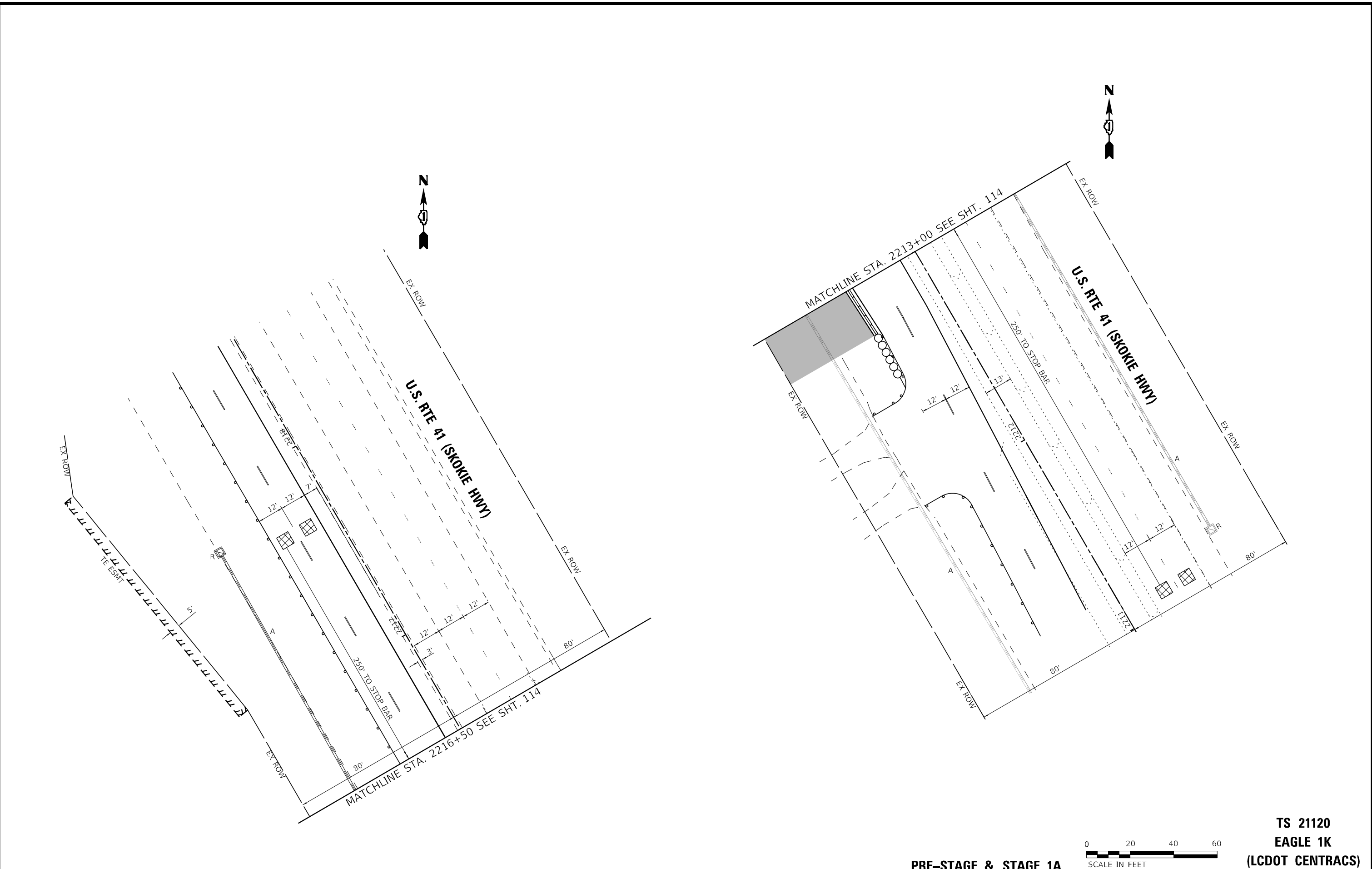
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT DETAIL
 U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	115
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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USER NAME = morning	DESIGNED - SAM	REVISED -
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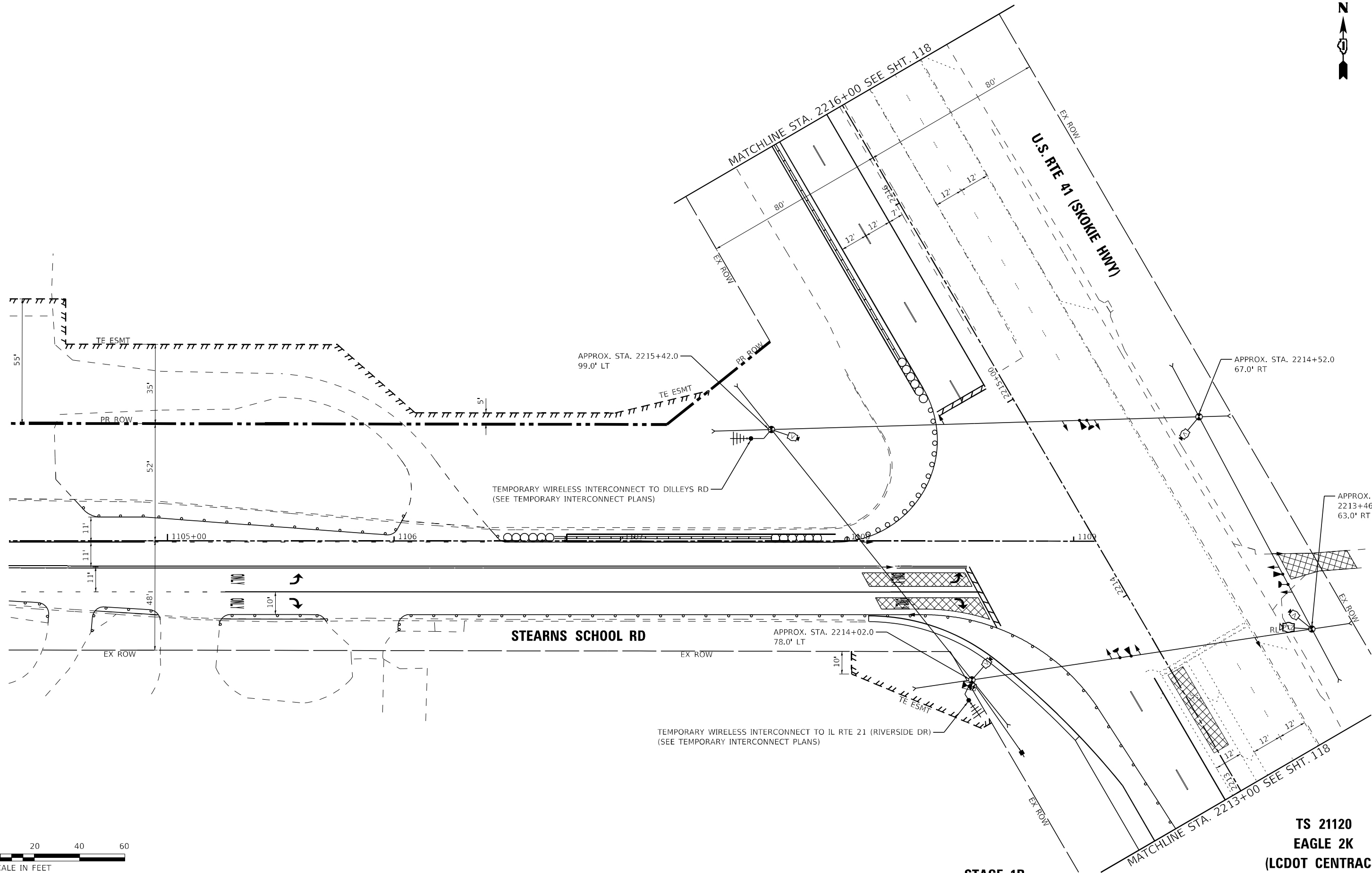
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PRE-STAGE & STAGE 1A
 TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN (SHEET 2 OF 2)
 U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD**

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 116
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	



**TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)**



STAGE 1B

**TS 21120
EAGLE 2K
(LCDOT CENTRACS)**

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USER NAME = morning	DESIGNED - SAM	REVISED -
DRAWN - MJO	REVISOR -	
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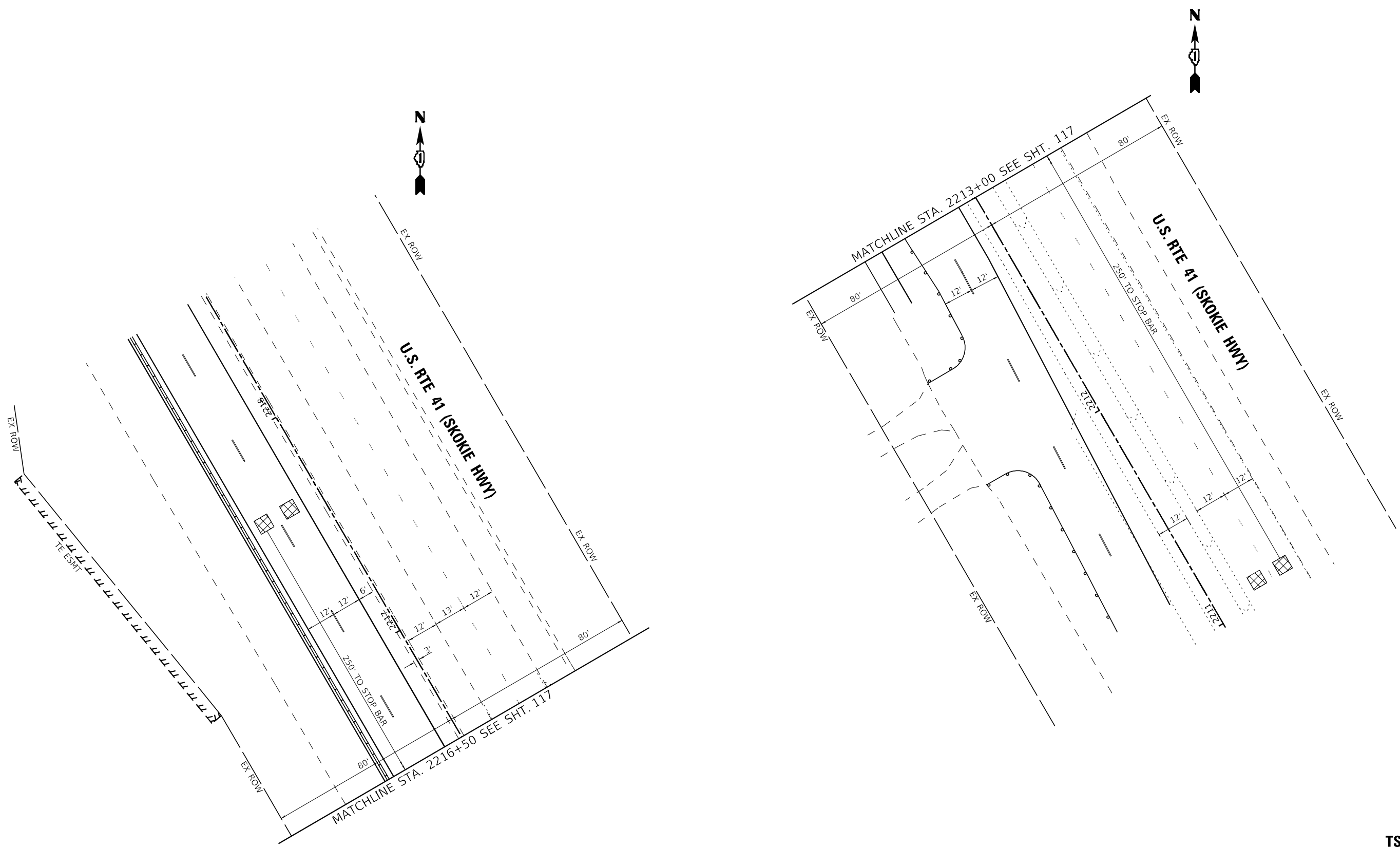
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 1 OF 2)
U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 117
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

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STAGE 1B

TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)

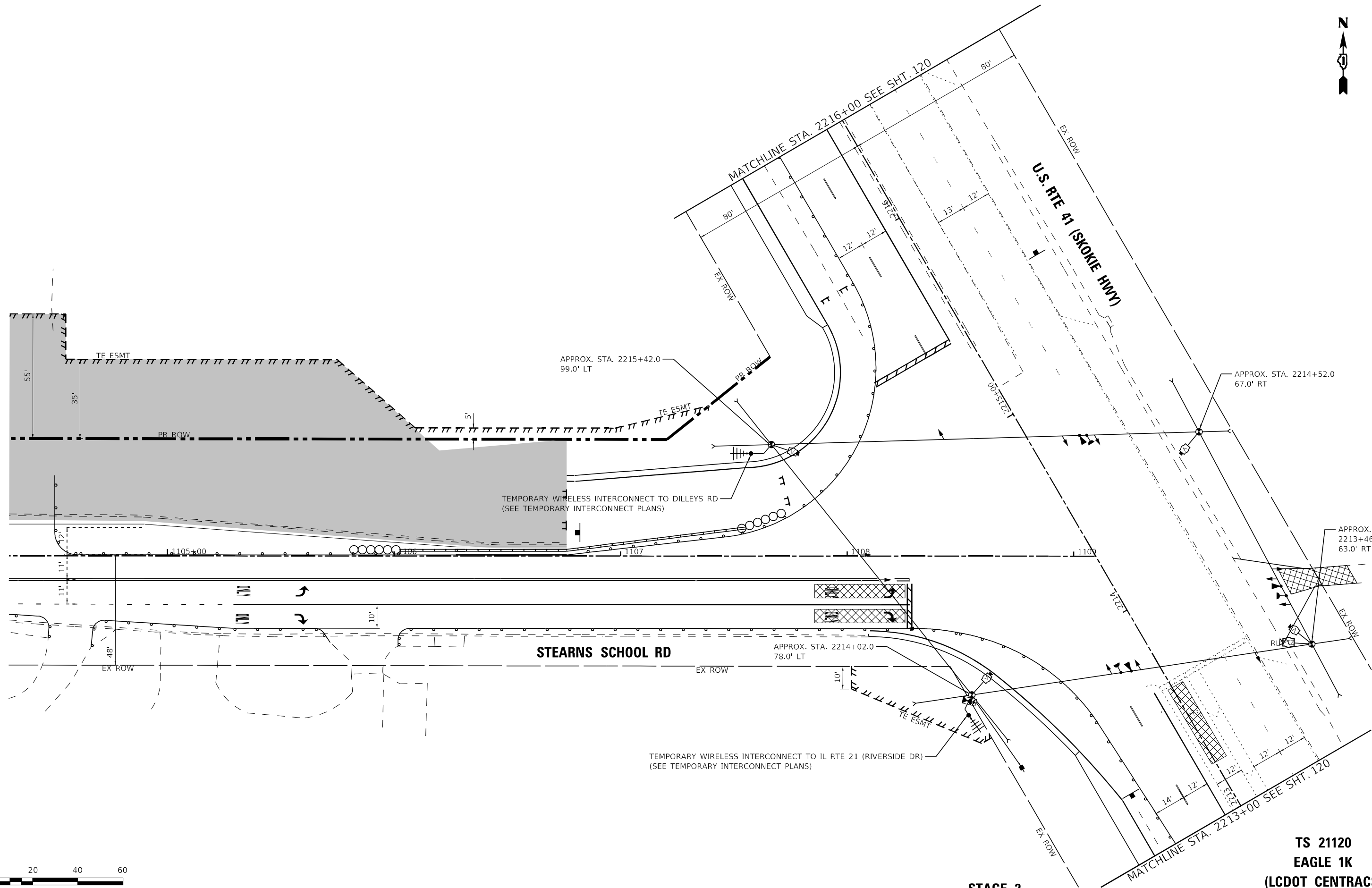


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DRAWN - MJO	CHECKED - JJF	REVISED -
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PLOT DATE = 12/6/2023		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 2 OF 2)
 U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD
 SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 118
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	



STAGE 2

TS 21120
EAGLE 1K
(LCDOT CENTRACS)

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 1 OF 2)
 U.S. RTE 41 (SKOKIE HIGHWAY) & STEARNS SCHOOL RD
 SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 119
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

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PLOT DATE = 12/6/2023		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

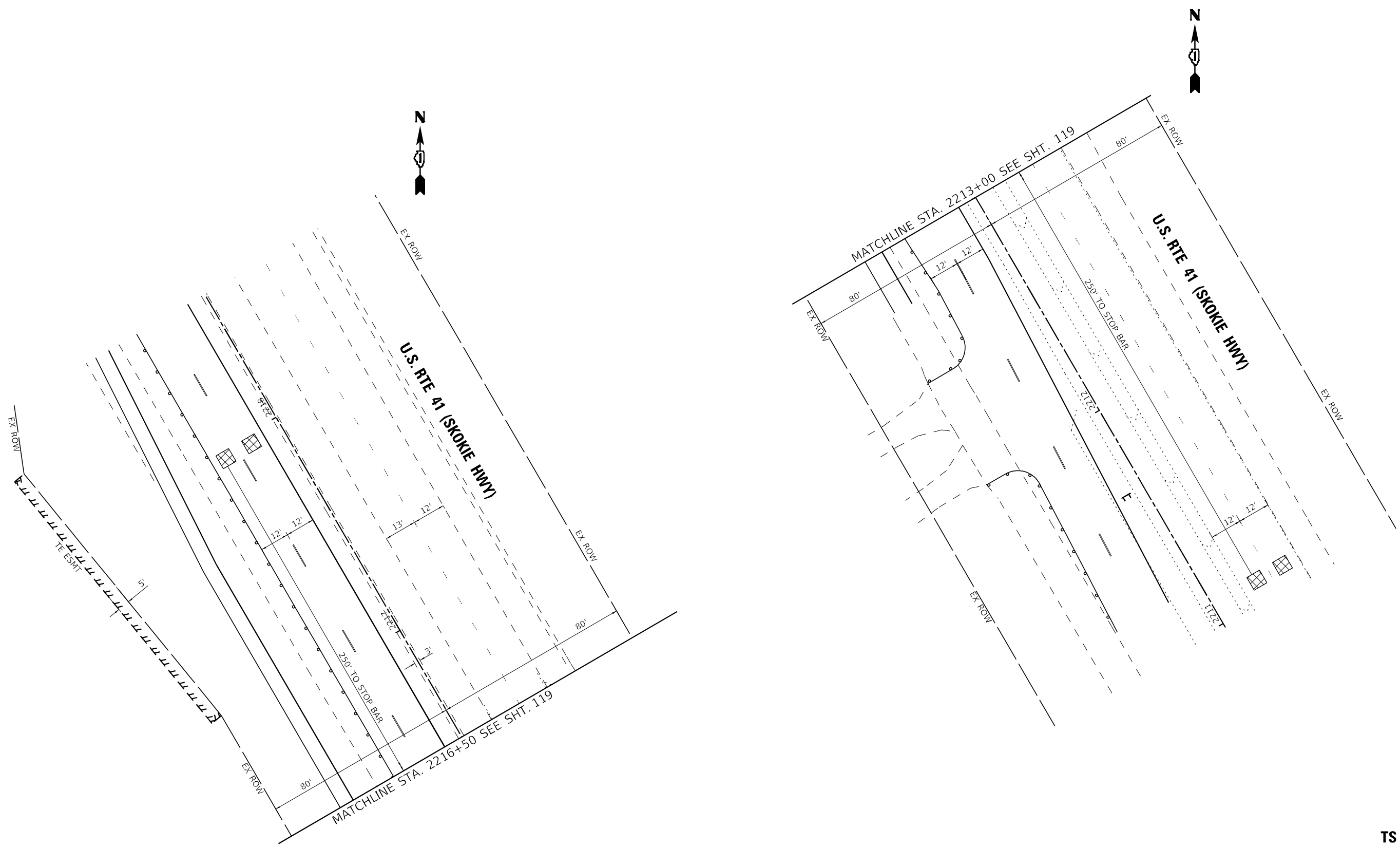
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 2 OF 2)	
U.S. RTE 41 (SKOKIE HIGHWAY) & STEARNS SCHOOL RD	
SCALE: 1"=20'	SHEET 2 OF 2 SHEETS
STA.	TO STA.

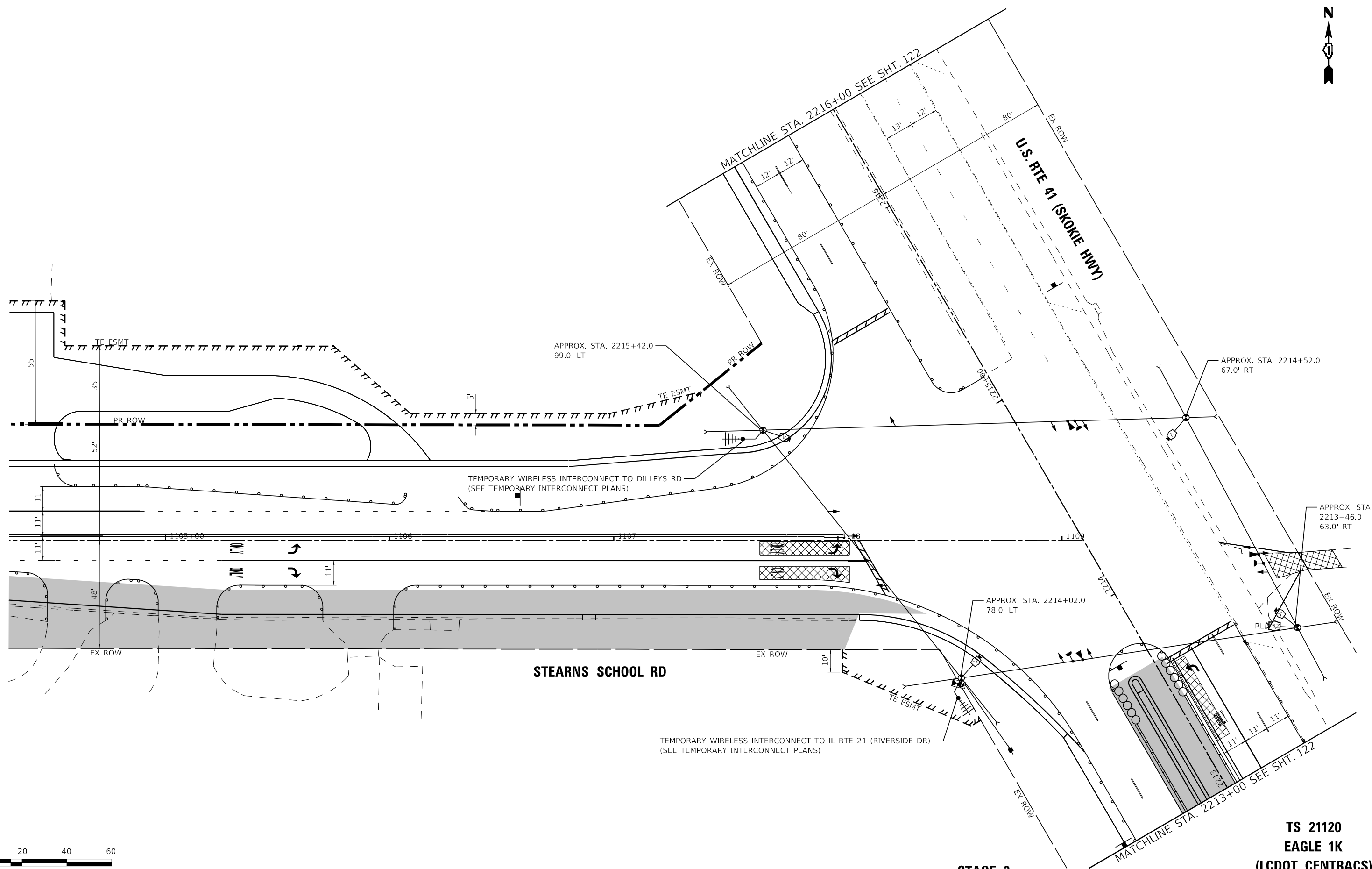
F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 120
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)



STAGE 2





STAGE 3

**TS 21120
EAGLE 1K
(LCDOT CENTRACS)**

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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	USER NAME = morning	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 1 OF 2) U.S. RTE 41 (SKOKIE HIGHWAY) & STEARNS SCHOOL RD		F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 121
	PLOT SCALE = 40,0000 */ in.	CHECKED - JJF	REVISED -		SCALE: 1"=20'	SHEET 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 62W53		ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	
	PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TS_Temp_InstallationPlan_Stage3_01.dgn								

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USER NAME = morning	DESIGNED - SAM	REVISED -
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PLOT DATE = 12/6/2023		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 2 OF 2)
U.S. RTE 41 (SKOKIE HIGHWAY) & STEARNS RD

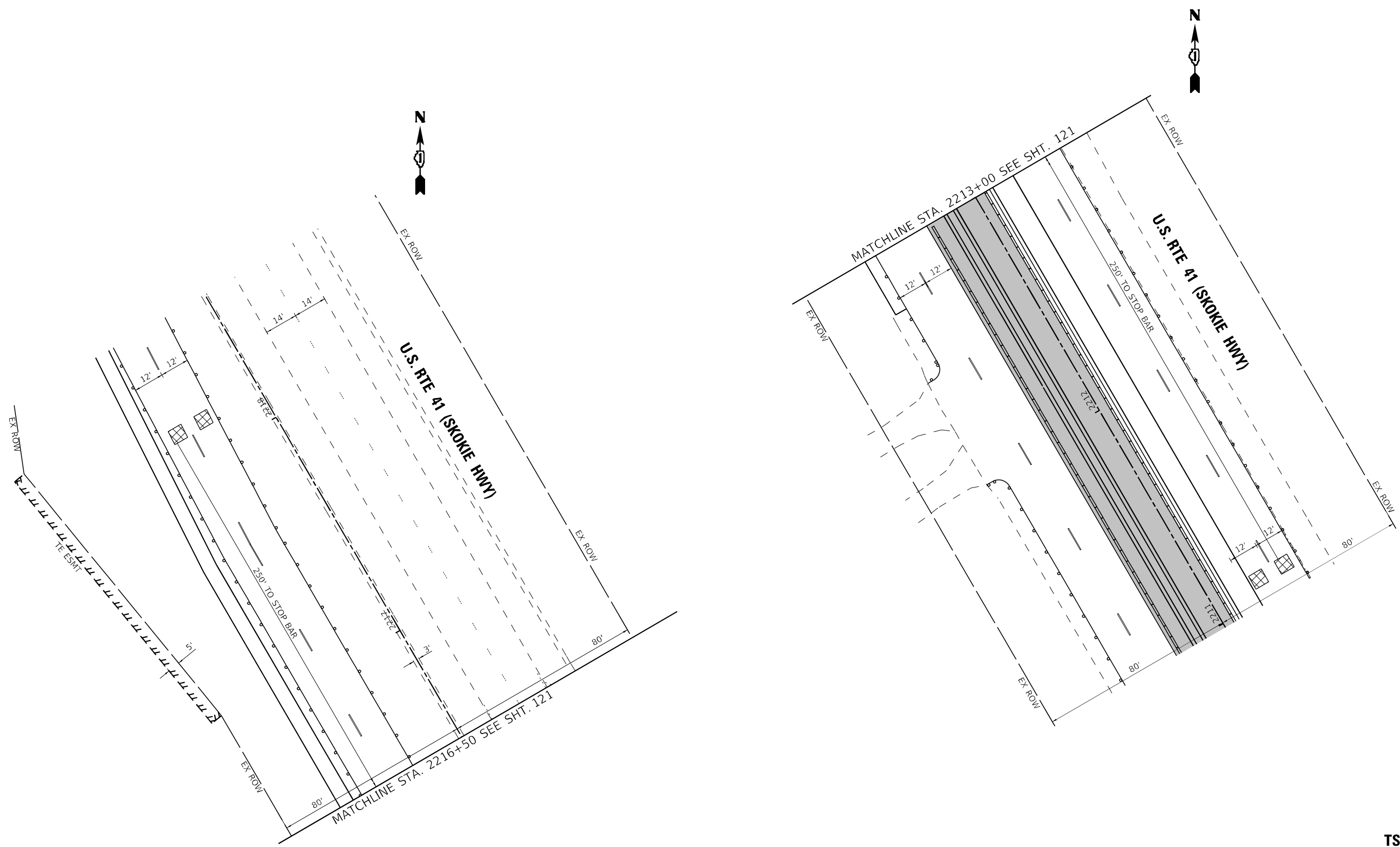
SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA. TO STA.
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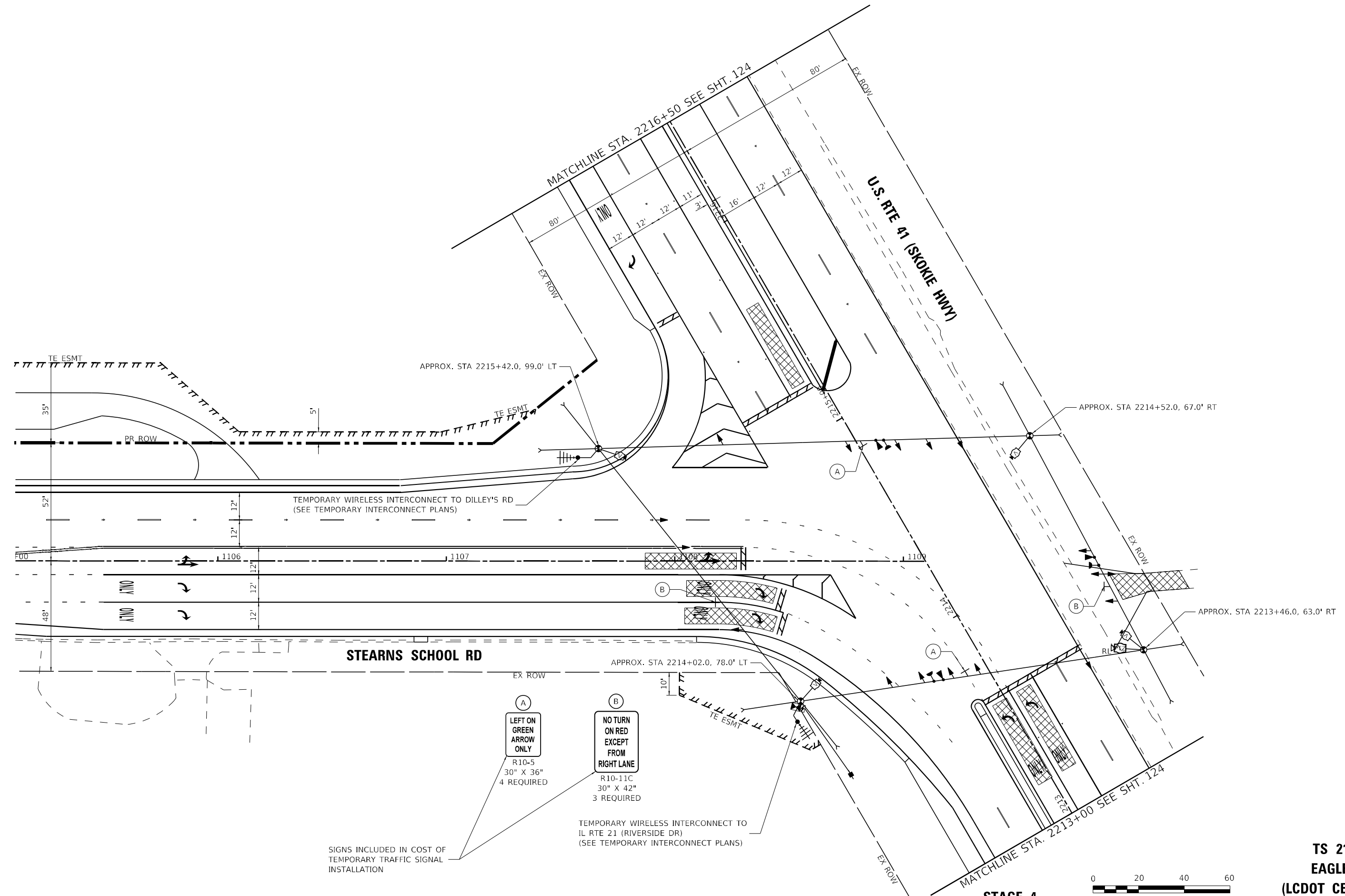
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CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

**TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)**



STAGE 3





SIGNS INCLUDED IN COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION

(A)
LEFT ON GREEN ARROW ONLY
R10-5
30" X 36"
4 REQUIRED

(B)
NO TURN ON RED EXCEPT FROM RIGHT LANE
R10-11C
30" X 42"
3 REQUIRED

TEMPORARY WIRELESS INTERCONNECT TO IL RTE 21 (RIVERSIDE DR)
(SEE TEMPORARY INTERCONNECT PLANS)



**TS 21120
EAGLE 1K
(LCDOT CENTRACS)**



USER NAME = mornig	DESIGNED - SAM	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TS_Temp_InstallationPlan_Stage4_01.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

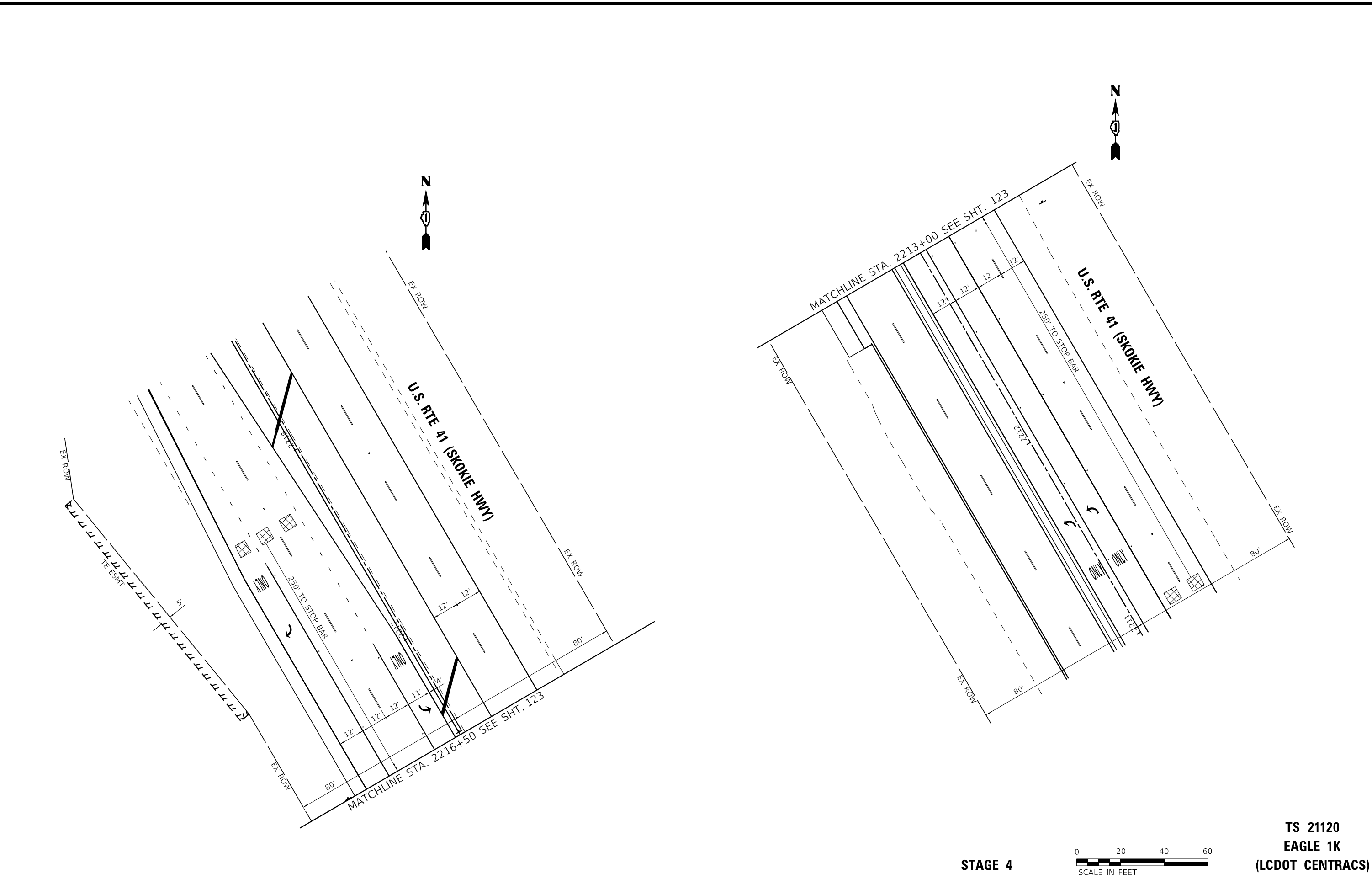
**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 1 OF 2)
U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 123
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = morning	DESIGNED - SAM	REVISED -
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PLOT DATE = 12/6/2023		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN (SHEET 2 OF 2)
 U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD**

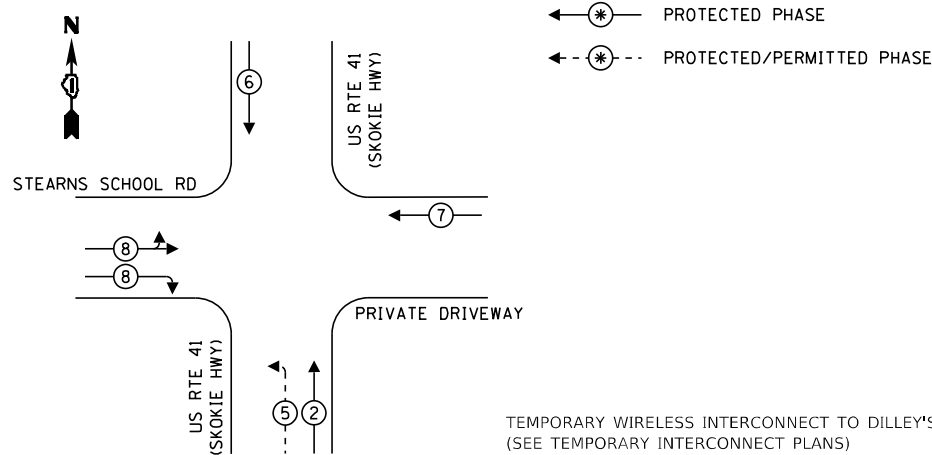
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CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

STAGE 4

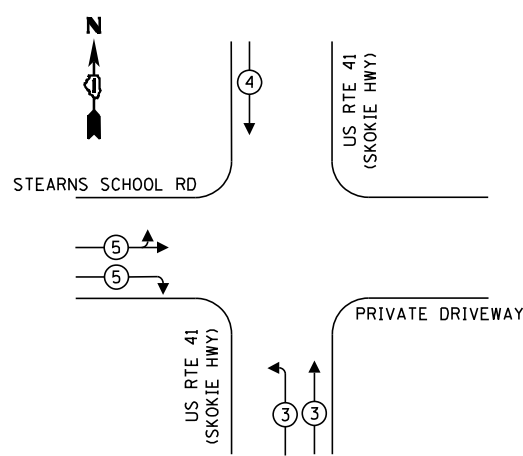


**TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)**

TEMPORARY CONTROLLER SEQUENCE LEGEND:



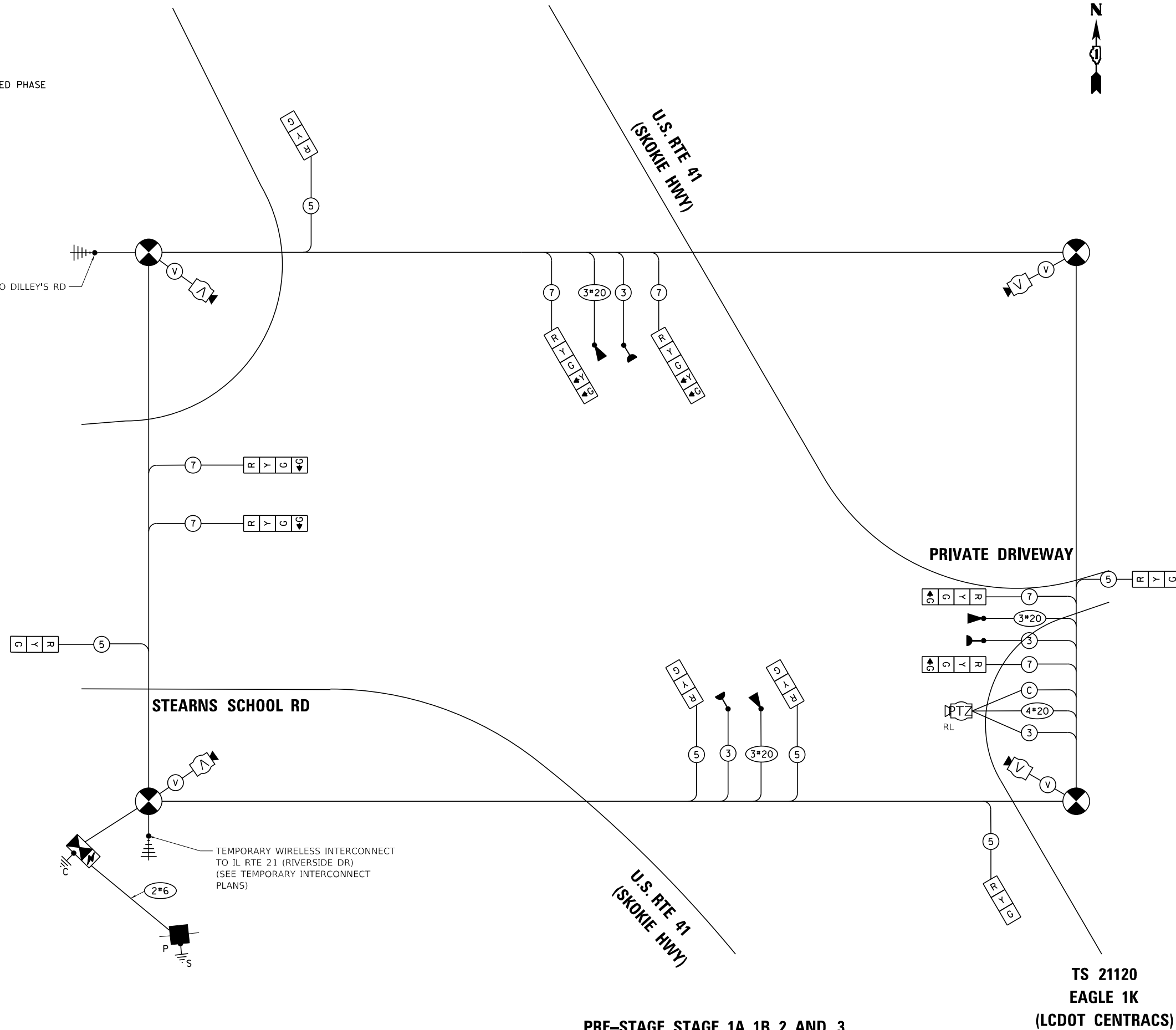
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
ST NAME SIGN	-	120	50	-
LUMINAIRE	-	165	50	-
TOTAL =				425.8

ENERGY COSTS TO:
 TS 21120 US 41 @ STEARNS SCHOOL
 CITY: GURNEE, BILLING: IDOT
 ACCT #02341-00148/IDOT-GURNEE
 ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---



**TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)**

PRE-STAGE, STAGE 1A, 1B, 2, AND 3

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	125
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

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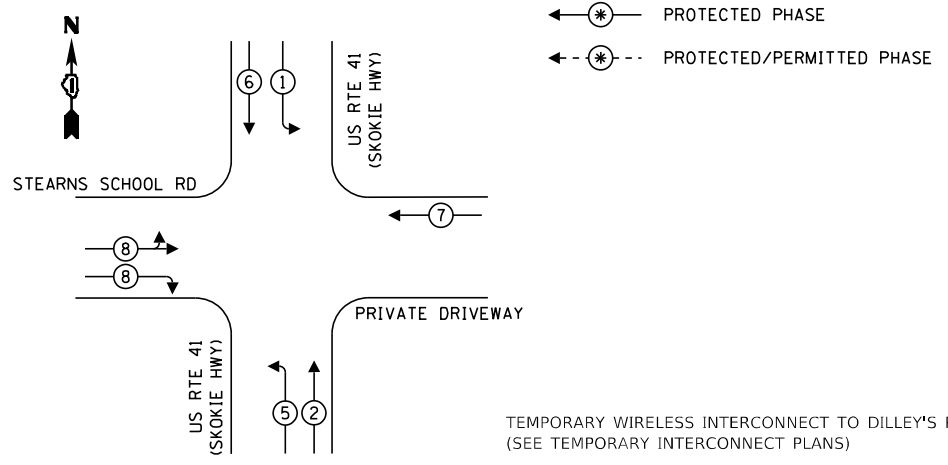


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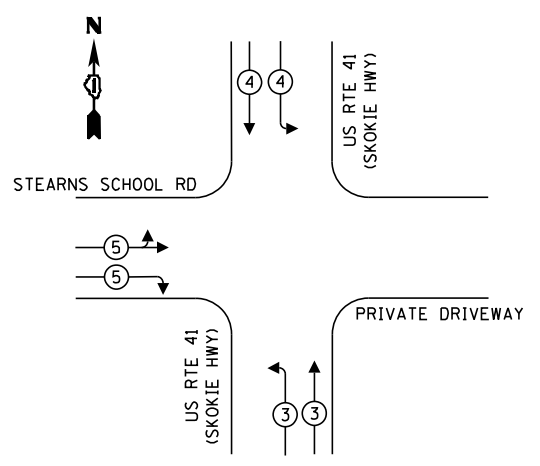
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



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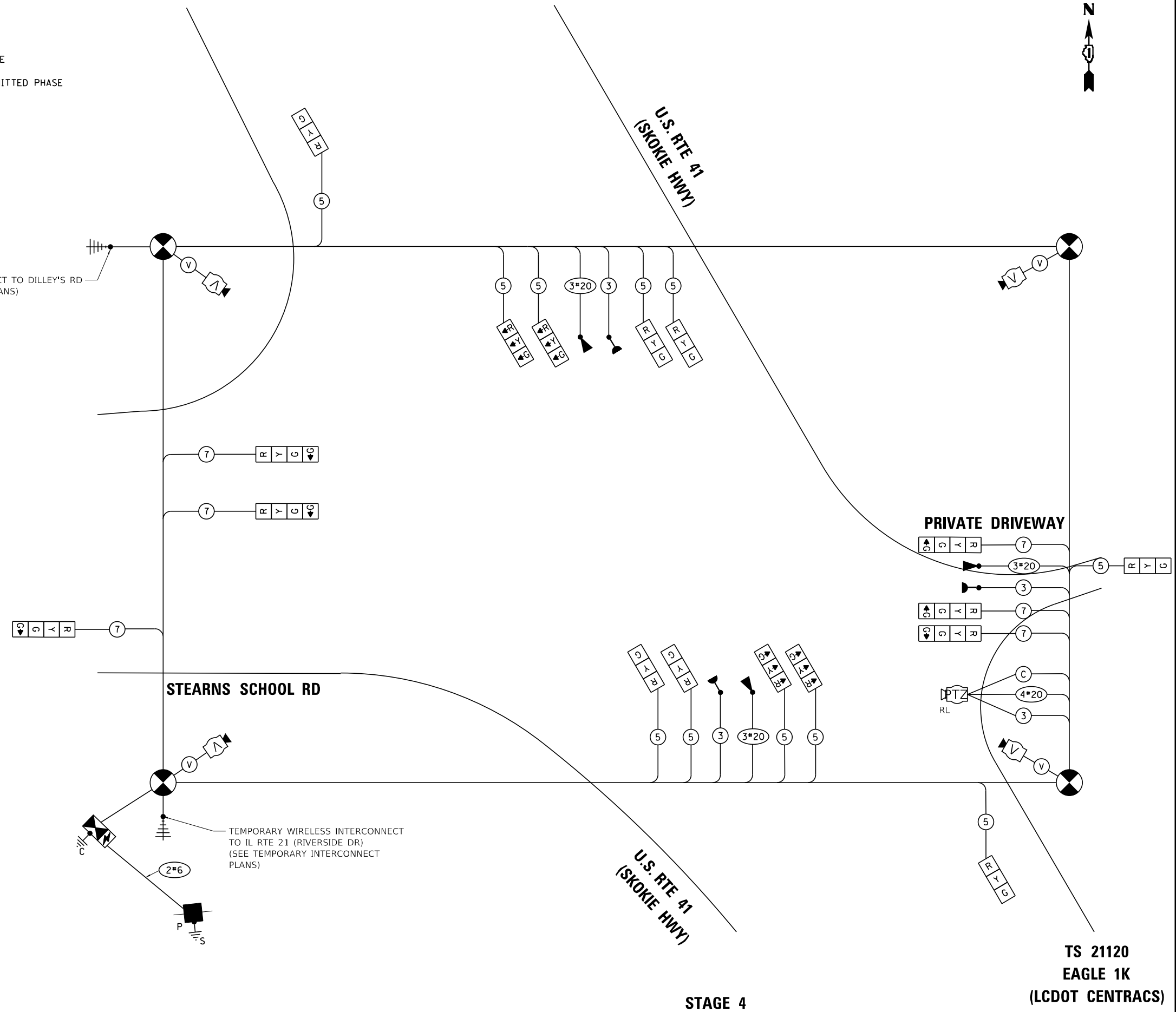
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13.0
(GREEN)	13	12	45	70.2
PERMISSIVE ARROW	17	10	10	17.0
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
ST NAME SIGN	-	120	50	-
LUMINAIRE	-	165	50	-
TOTAL =				446.70

ENERGY COSTS TO:
 TS 21120 US 41 @ STEARNS SCHOOL
 CITY: GURNEE, BILLING: IDOT
 ACCT #02341-00148/IDOT-GURNEE
 ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---



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	DATE - 12/6/2023	FILE - 161141_SHT-TS_Temp_Cable_Plan-Stage4.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,
 AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
 U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD**

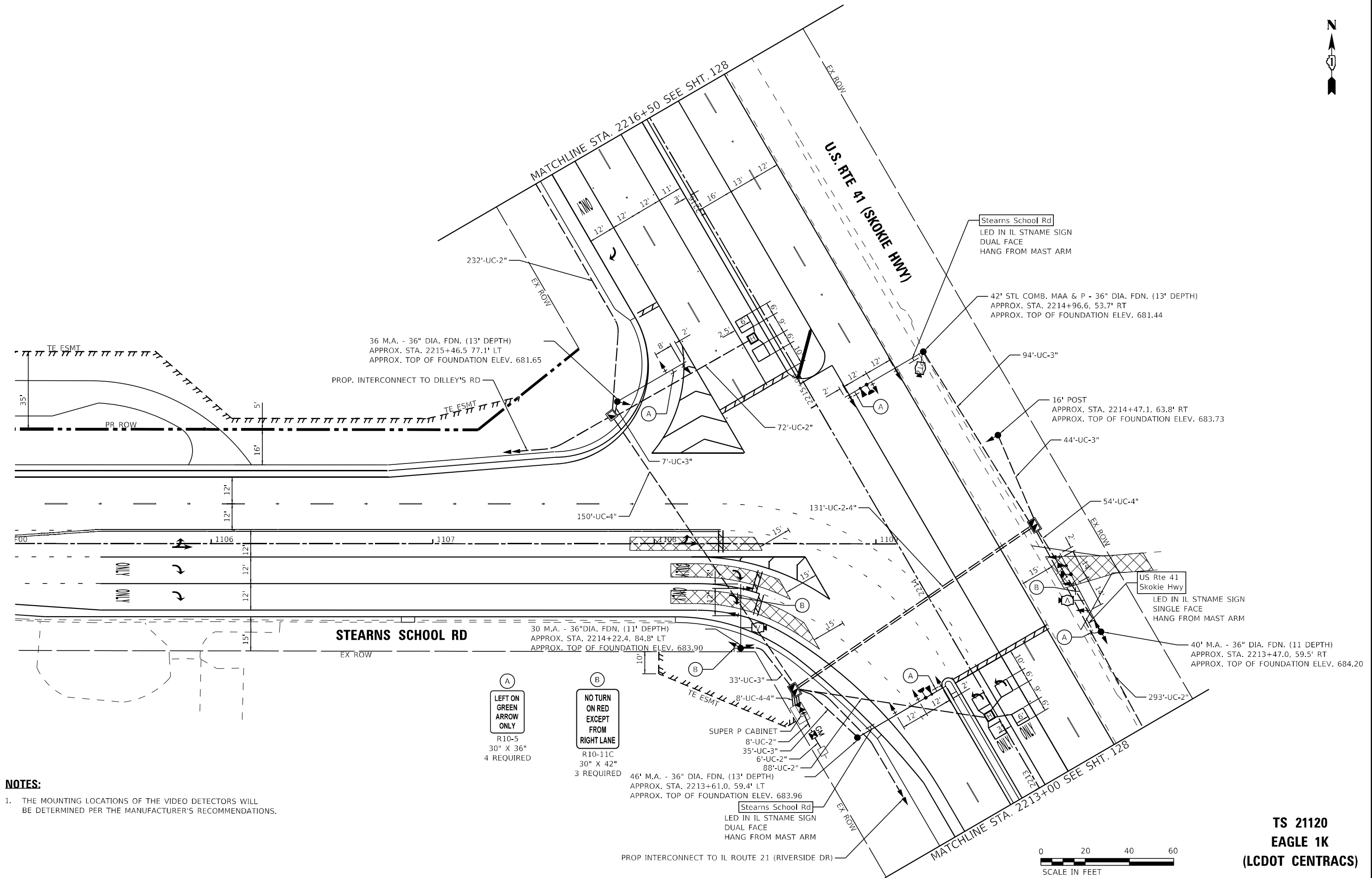
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CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9AR(773)				

STAGE 4

**TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)**



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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NOTES:
 1. THE MOUNTING LOCATIONS OF THE VIDEO DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

(A)
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30" X 36"
 4 REQUIRED

(B)
 NO TURN
 ON RED
 EXCEPT
 FROM
 RIGHT LANE
 R10-11C
 30" X 42"
 3 REQUIRED



**TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)**



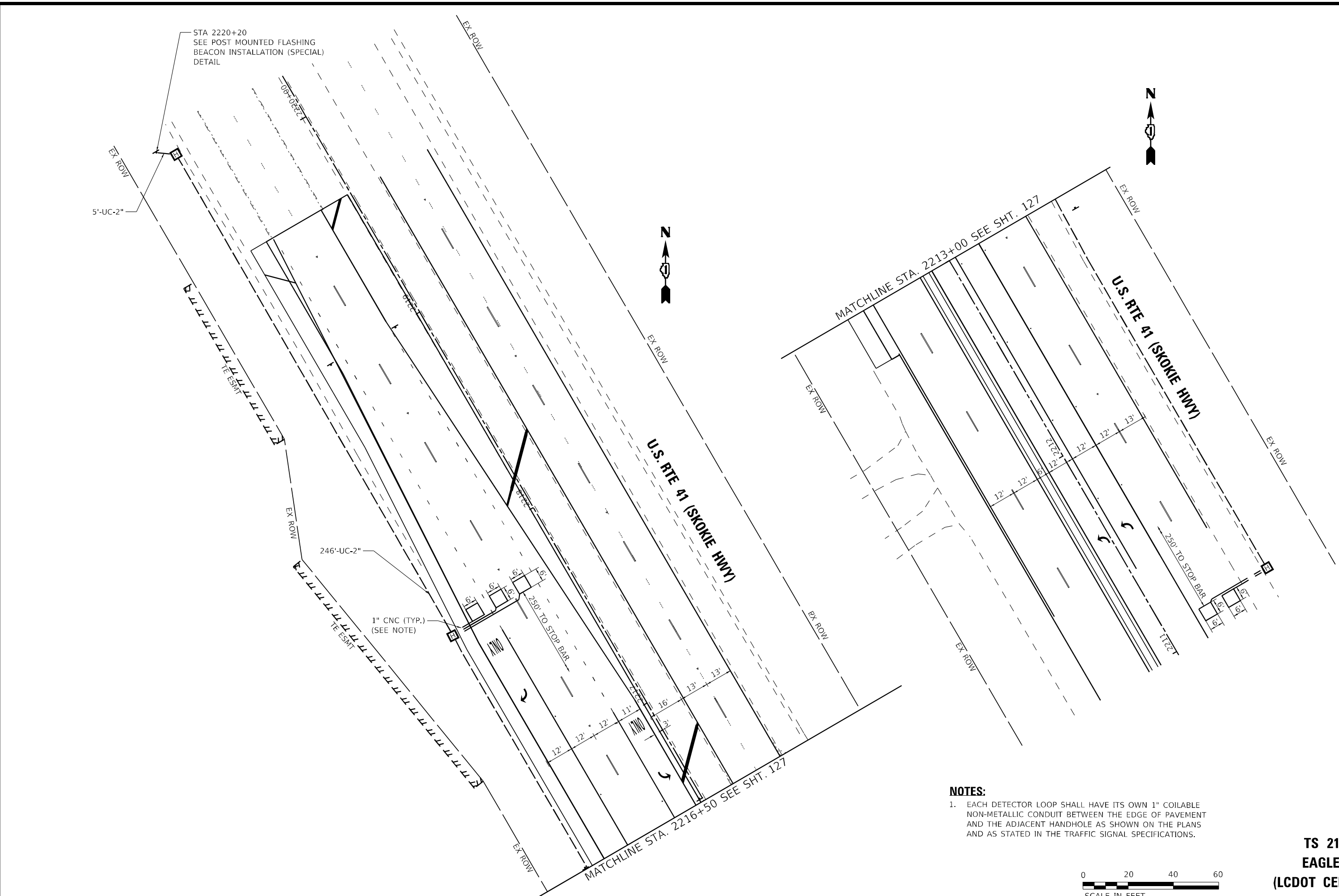
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

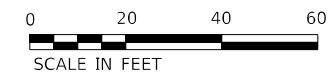
TRAFFIC SIGNAL MODERNIZATION PLAN	
U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD	
SCALE: 1"=20'	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 127
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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NOTES:
 1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

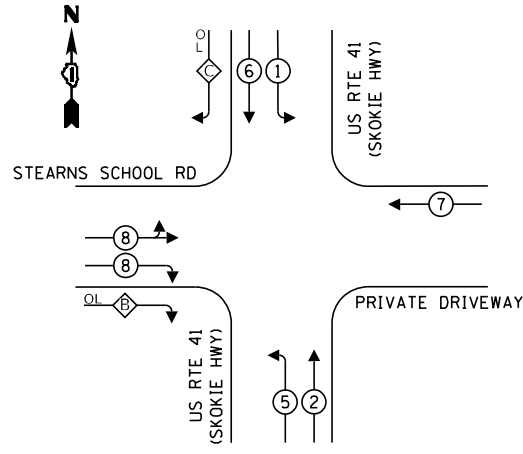


**TS 21120
 EAGLE 1K
 (LCDOT CENTRACS)**

	USER NAME = morning	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD			F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 128	
	PLOT SCALE = 40,0000 * / in.	CHECKED - JJF	REVISED -		SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 62W53					
	PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TS_Modernization_Plan_02.dgn			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)							



PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (●) — PROTECTED PHASE
- ← (●) - - PROTECTED/PERMITTED PHASE
- ← (●) → PEDESTRIAN PHASE
- ← (OL) — OVERLAP

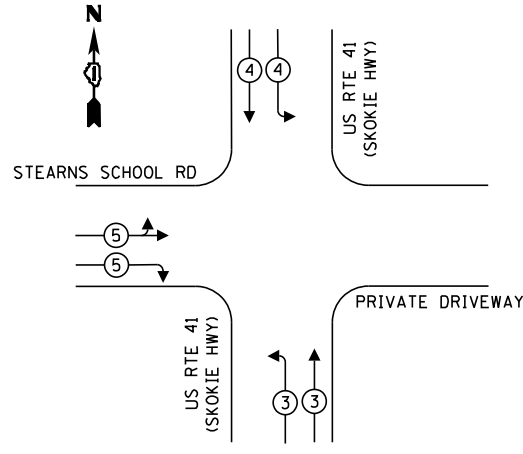
RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 8	+ 5
C	= 6	+ 8

LEGEND:

- (ONC) OUTDOOR RATED NETWORK CABLE
- (24SM) FIBER OPTIC CABLE IN CONDUIT 24 SINGLE MODE
- (36F) FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F

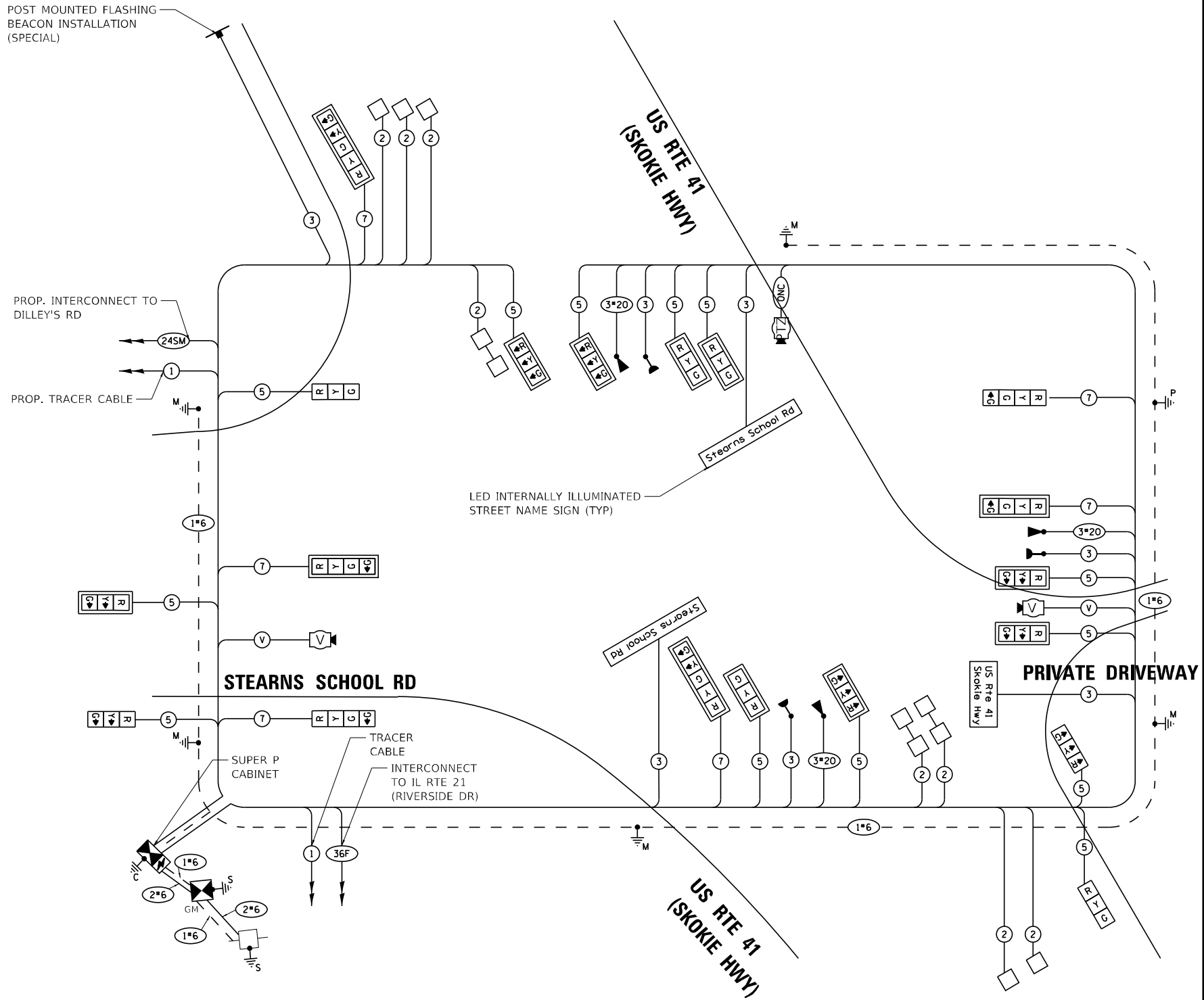
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	11	50	82.5
(YELLOW)	11	20	5	11.0
(GREEN)	11	12	45	59.4
PERMISSIVE ARROW	28	10	10	28.0
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
ST NAME SIGN	3	120	50	180.0
LUMINAIRE	-	165	50	-
TOTAL =				635.9

ENERGY COSTS TO:
 TS 21120 US 41 @ STEARNS SCHOOL
 CITY: GURNEE, BILLING: IDOT
 ACCT #02341-00148/IDOT-GURNEE
 ENERGY SUPPLY: CONTACT: _____
 PHONE: _____
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---



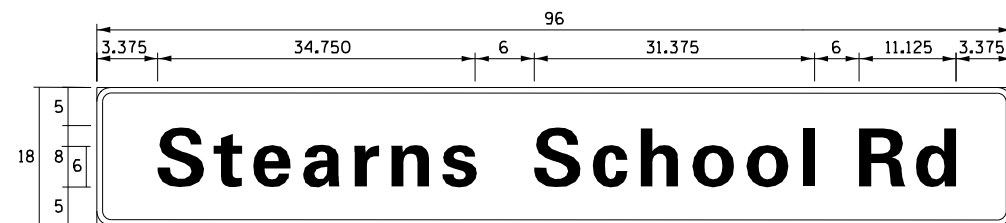
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LED INTERNALLY ILLUMINATED STREET NAME SIGN

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	13.75	2	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	12.00	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
SIGN PANEL - TYPE 1	SQ FT	57
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	950
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	213
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	498
HANDHOLE	EACH	1
HEAVY DUTY HANDHOLE	EACH	5
DOUBLE HANDHOLE	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	712
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1,913
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	1,956
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,655
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	35
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,190
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	8
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	61
SIGNAL HEAD, LED, 1 FACE, 3 SECTION, MAST ARM MOUNTED	EACH	9
SIGNAL HEAD, LED, 1 FACE, 3 SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1 FACE, 4 SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1 FACE, 4 SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1 FACE, 5 SECTION, MAST ARM MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	13
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE I	FOOT	355
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	6
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	721
RELOCATE EXISTING REMOTE - CONTROLLED VIDEO SYSTEM (SPECIAL)	EACH	1
RELOCATE EXISTING SWITCH (SPECIAL)	EACH	2
VIDEO DETECTION SYSTEM	EACH	1
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	3
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	264
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
RELOCATE EXISTING ENCODER	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	641

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = morrig	DESIGNED - SAM	REVISED -
	DRAWN - MJO	REVISED -
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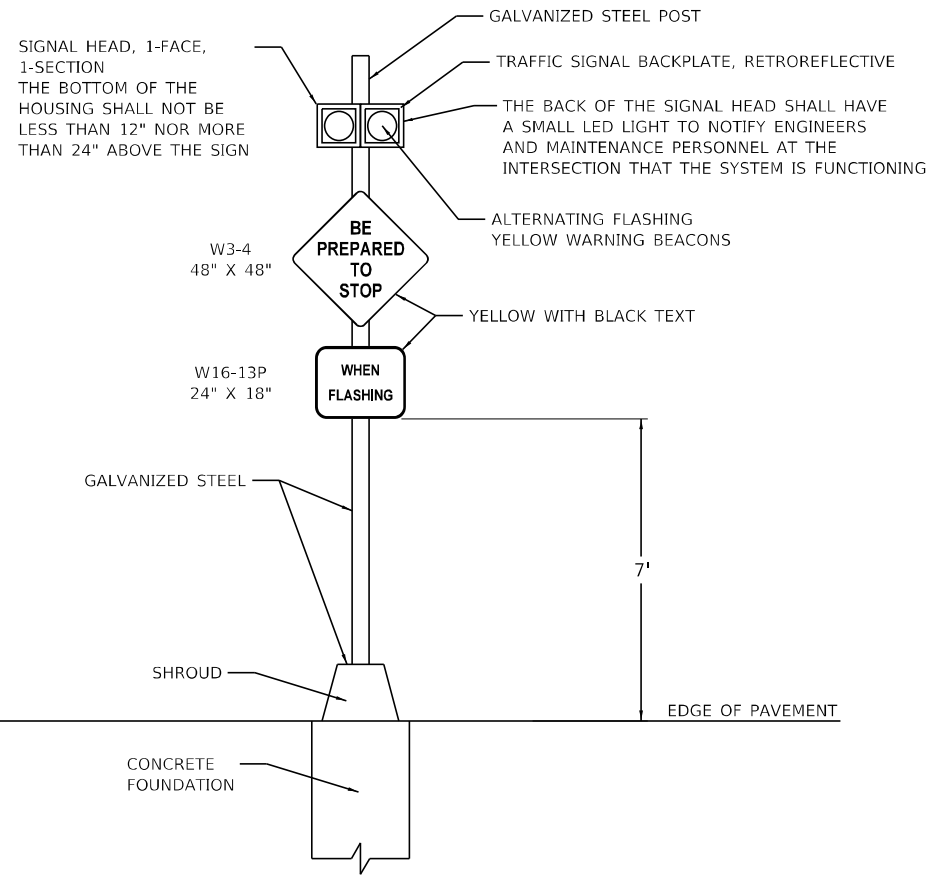
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS & SCHEDULE OF QUANTITIES
U.S. RTE 41 (SKOKIE HIGHWAY) AND STEARNS SCHOOL RD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	130
			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-94R6(773)				

TS 21120
EAGLE 1K
(LCDOT CENTRACS)

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



**POST MOUNTED FLASHING BEACON INSTALLATION
(SPECIAL)**

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = morning	DESIGNED - SAM	REVISED -
DRAWN - MJO	REVISIONS -	
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PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TS_Detail_Signs_02.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN DETAILS

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

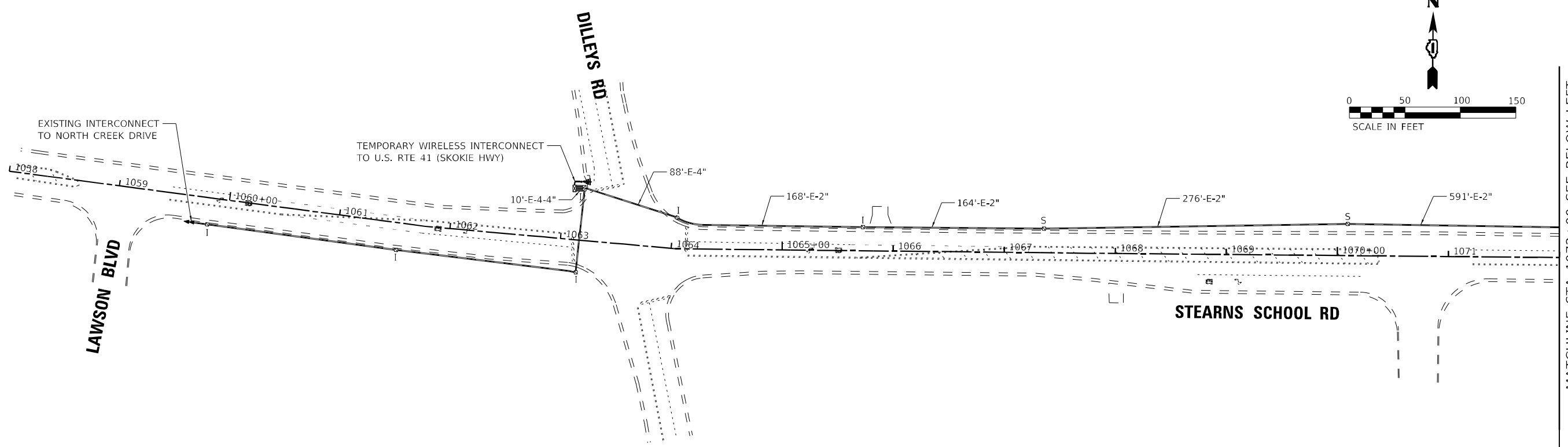
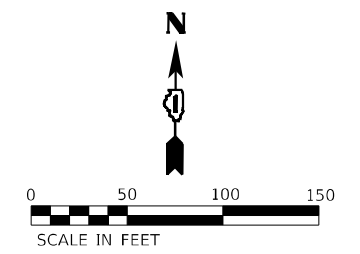
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	131
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9AR6(773)	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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MATCHLINE STA 1072+00 SEE ABOVE RIGHT

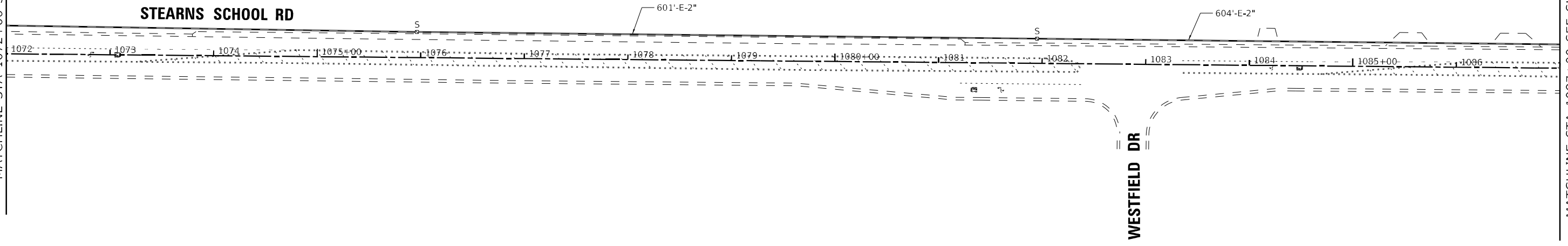
TEMPORARY INTERCONNECT NOTES:

1. ALL WORK ASSOCIATED WITH THE ANTENNA, CABLE, AND ITEMS IN THE CABINETS SHALL BE INCLUDED IN THE COST OF THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM
2. THE LOCATION FOR ANTENNA IS SHOWN AS AN EXAMPLE ONLY. THE CONTRACTOR SHALL DETERMINE THE OPTIMAL MOUNTING LOCATION FOR THE ANTENNA. SHOULD ADDITIONAL MOUNTING OR RISER EQUIPMENT BE REQUIRED TO ACHIEVE A STABLE CONNECTION, THE COST SHALL BE INCLUDED IN THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM."



MATCHLINE STA 1072+00 SEE BELOW LEFT

STEARNS SCHOOL RD

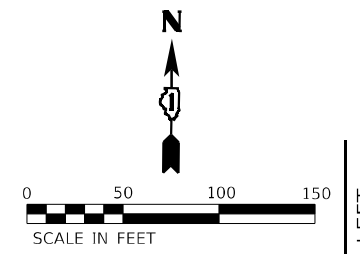
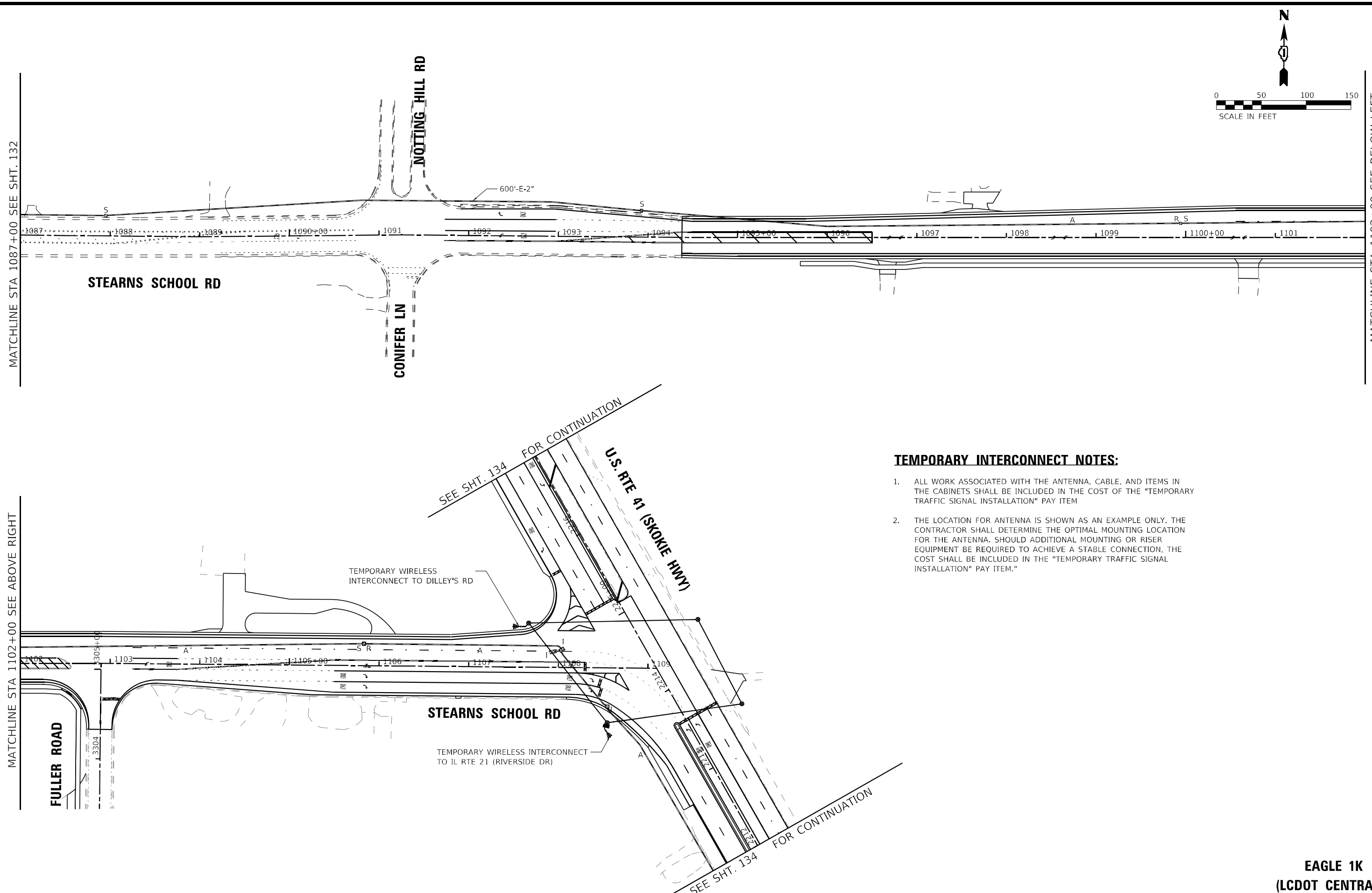


MATCHLINE STA 1087+00 SEE SHT. 133

**EAGLE 1K
 (LCDOT CENTRACS)**

	USER NAME = mornjg	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INTERCONNECT PLAN STEARNS SCHOOL RD - LAWSON BLVD TO WESTFIELD DR	F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 132
	PLOT SCALE = 100,0000' / in.	CHECKED - JJF	REVISED -			SCALE: 1"=50'	SHEET 1 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 62W53	
	PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TS_Temp_Interconnect_Plan_1.dgn							

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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TEMPORARY INTERCONNECT NOTES:

1. ALL WORK ASSOCIATED WITH THE ANTENNA, CABLE, AND ITEMS IN THE CABINETS SHALL BE INCLUDED IN THE COST OF THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM
2. THE LOCATION FOR ANTENNA IS SHOWN AS AN EXAMPLE ONLY. THE CONTRACTOR SHALL DETERMINE THE OPTIMAL MOUNTING LOCATION FOR THE ANTENNA. SHOULD ADDITIONAL MOUNTING OR RISER EQUIPMENT BE REQUIRED TO ACHIEVE A STABLE CONNECTION, THE COST SHALL BE INCLUDED IN THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM."

BAXTER & WOODMAN CONSULTING ENGINEERS	USER NAME = morrig	DESIGNED - SAM	REVISED -
	PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
	PLOT DATE = 12/6/2023	CHECKED - JJF	REVISED -
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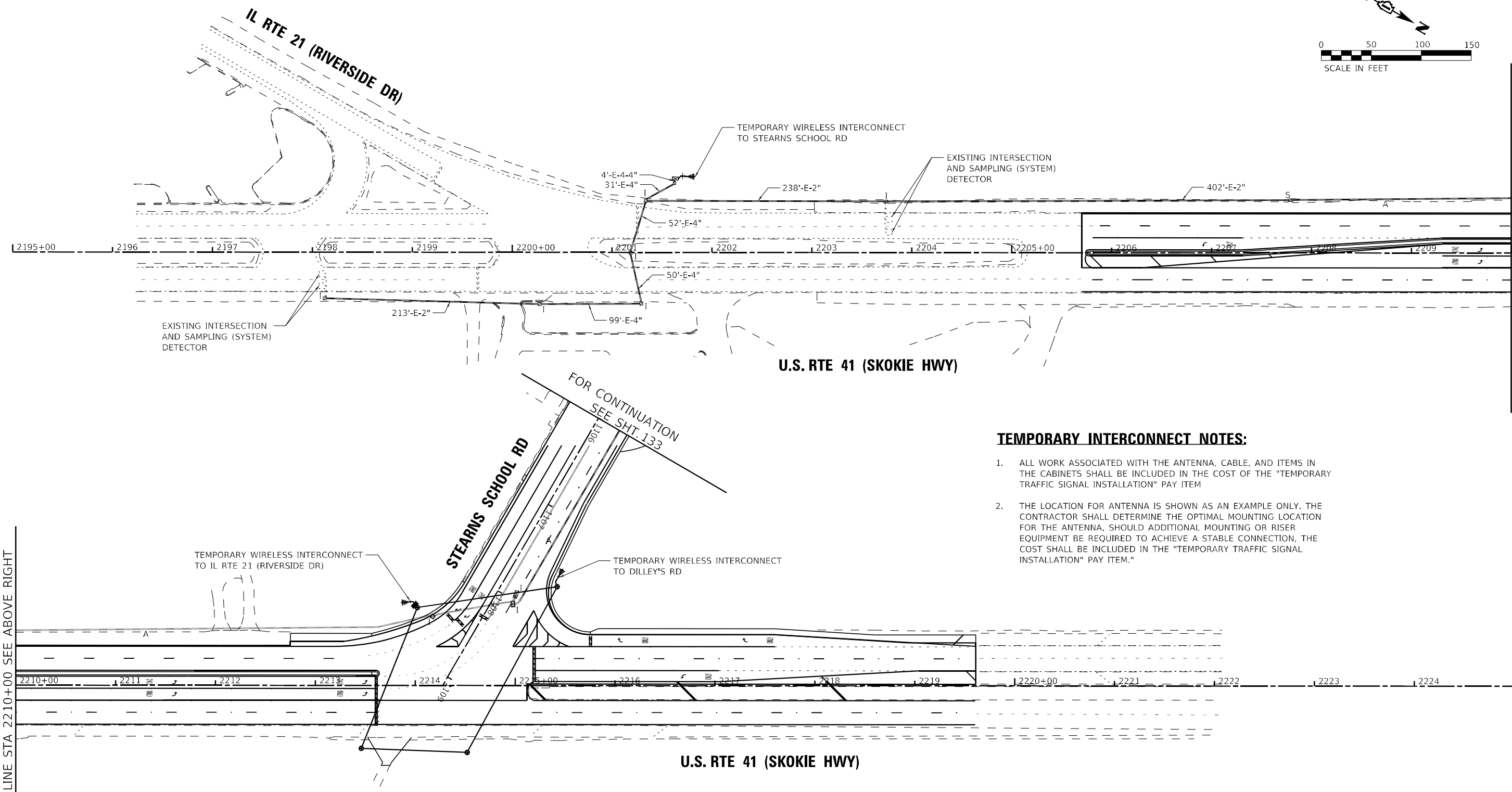
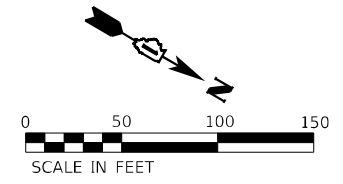
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN
 STEARNS SCHOOL RD -
 NOTTING HILL RD TO U.S. RTE 41 (SKOKIE HIGHWAY)**

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 133
CONTRACT NO. 62W53				ILLINOIS FED. AID PROJECT HSIP-9AR(773)

**EAGLE 1K
 (LCDOT CENTRACS)**



TEMPORARY INTERCONNECT NOTES:

1. ALL WORK ASSOCIATED WITH THE ANTENNA, CABLE, AND ITEMS IN THE CABINETS SHALL BE INCLUDED IN THE COST OF THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM
2. THE LOCATION FOR ANTENNA IS SHOWN AS AN EXAMPLE ONLY. THE CONTRACTOR SHALL DETERMINE THE OPTIMAL MOUNTING LOCATION FOR THE ANTENNA. SHOULD ADDITIONAL MOUNTING OR RISER EQUIPMENT BE REQUIRED TO ACHIEVE A STABLE CONNECTION, THE COST SHALL BE INCLUDED IN THE "TEMPORARY TRAFFIC SIGNAL INSTALLATION" PAY ITEM."

MATCHLINE STA 2210+00 SEE ABOVE RIGHT

MATCHLINE STA 2210+00 SEE BELOW LEFT

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USER NAME = mornig	DESIGNED - SAM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 12/6/2023	CHECKED - JJF	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT-T5_Temp Interconnect_Plan_3.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN
U.S. RTE 41 (SKOKIE HIGHWAY) -
IL RTE 21 (RIVERSIDE DR) TO STEARNS SCHOOL RD**

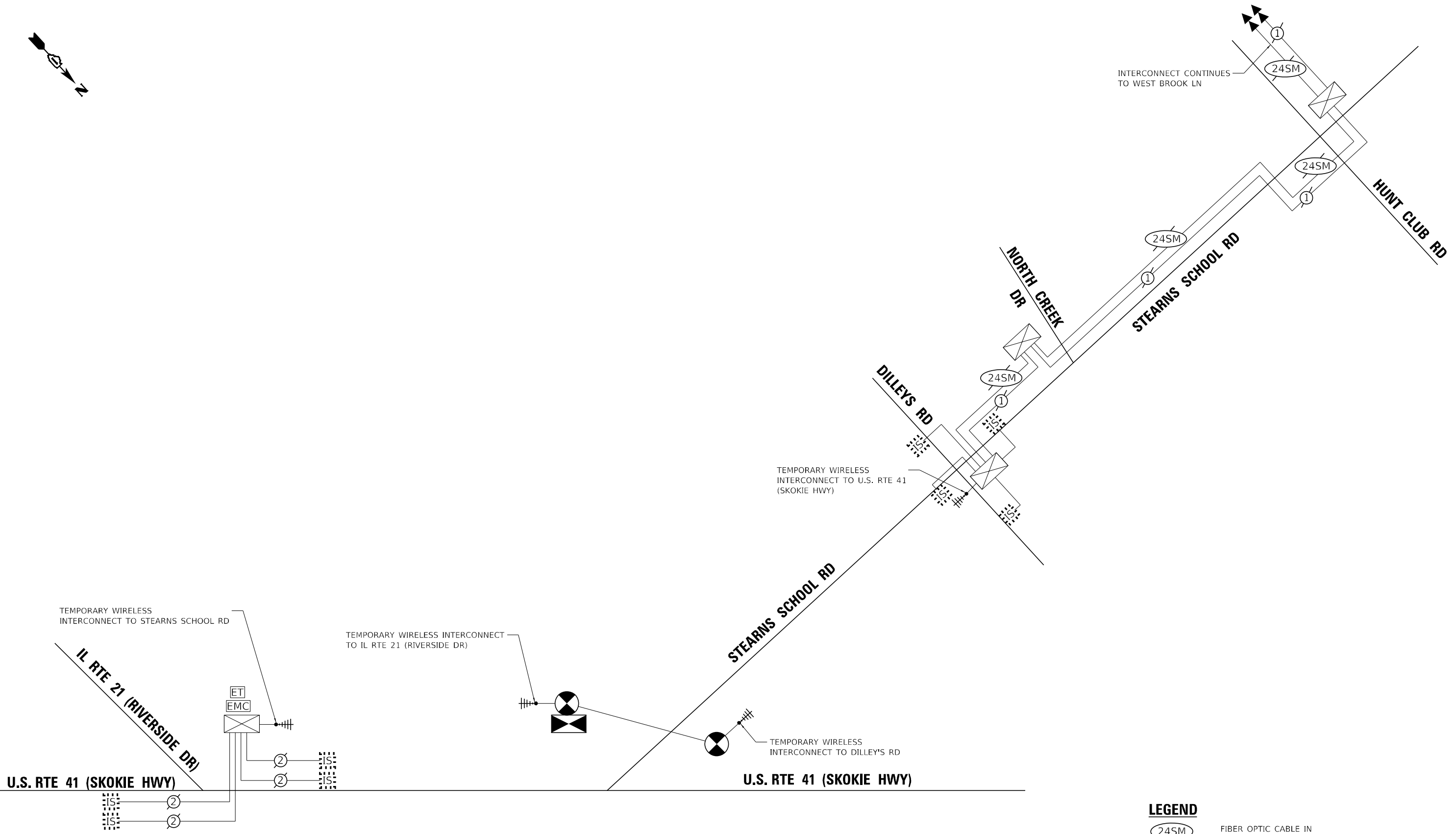
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	134
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. TO STA.

**EAGLE 1K
(LCDOT CENTRACS)**



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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LEGEND
 (24SM) FIBER OPTIC CABLE IN CONDUIT 24 SINGLE MODE

**EAGLE 1K
(LCDOT CENTRACS)**



USER NAME = morrij	DESIGNED - SAM	REVISED -
DRAWN - MJO	CHECKED - JJF	REVISED -
DATE - 12/6/2023		

FILE - 161141_SHT-T5_Temp Interconnect Schematic_01.dgn

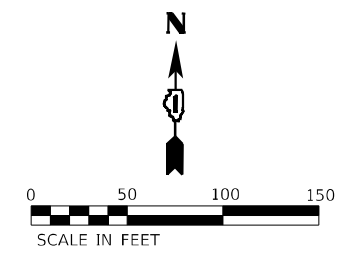
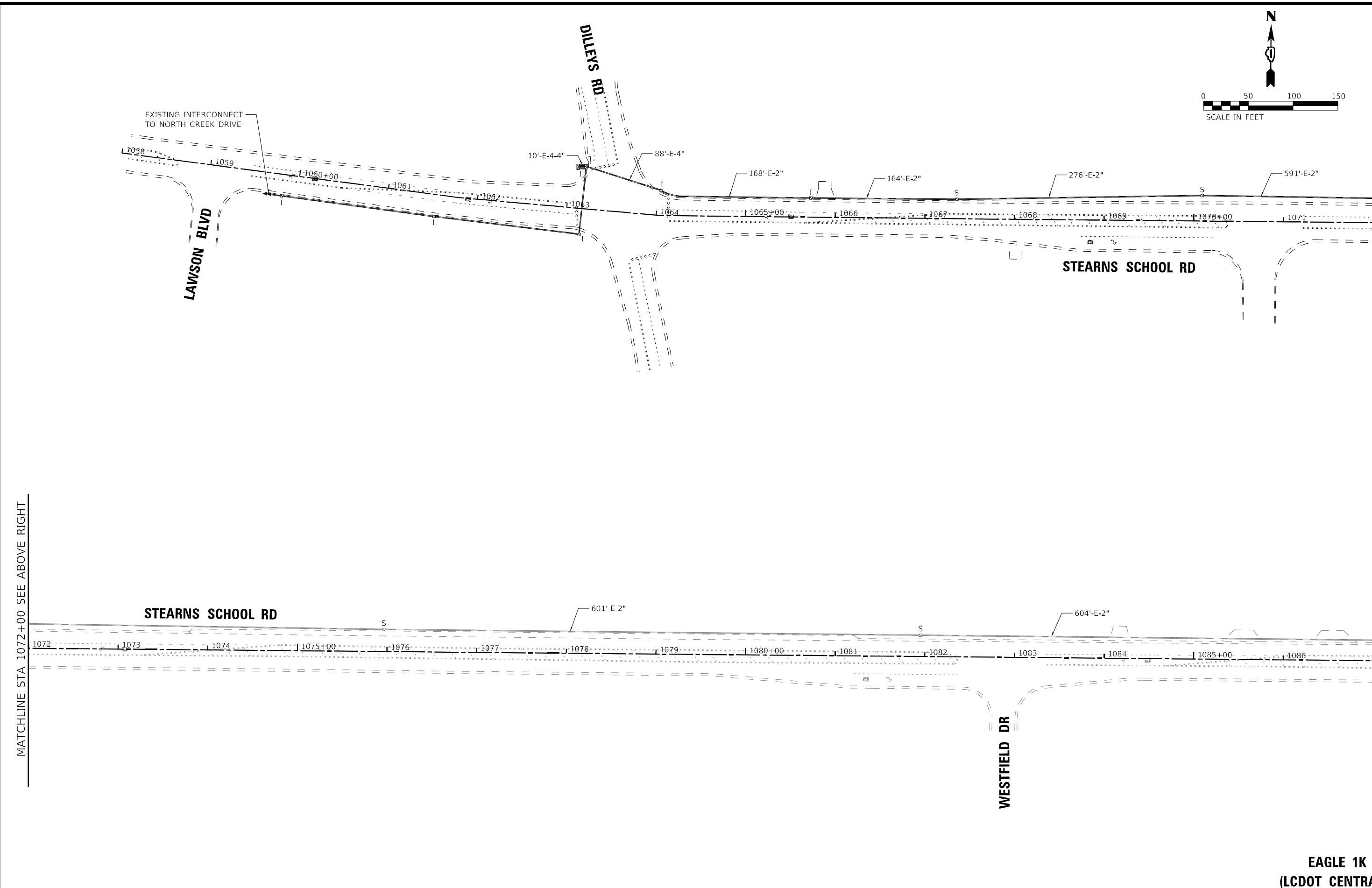
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT SCHEMATIC
 STEARNS SCHOOL RD - HUNT CLUB RD TO U.S. RTE 41 (SKOKIE HWY)
 U.S. RTE 41 - IL RTE 21 (RIVERSIDE DR) TO STEARNS SCHOOL RD**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	135
CONTRACT NO. 62W53			ILLINOIS FED. AID PROJECT HSIP-9ARG(773)	

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

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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MATCHLINE STA 1072+00 SEE ABOVE RIGHT

MATCHLINE STA 1072+00 SEE BELOW LEFT

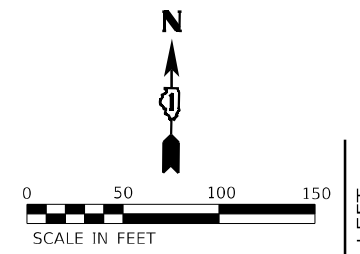
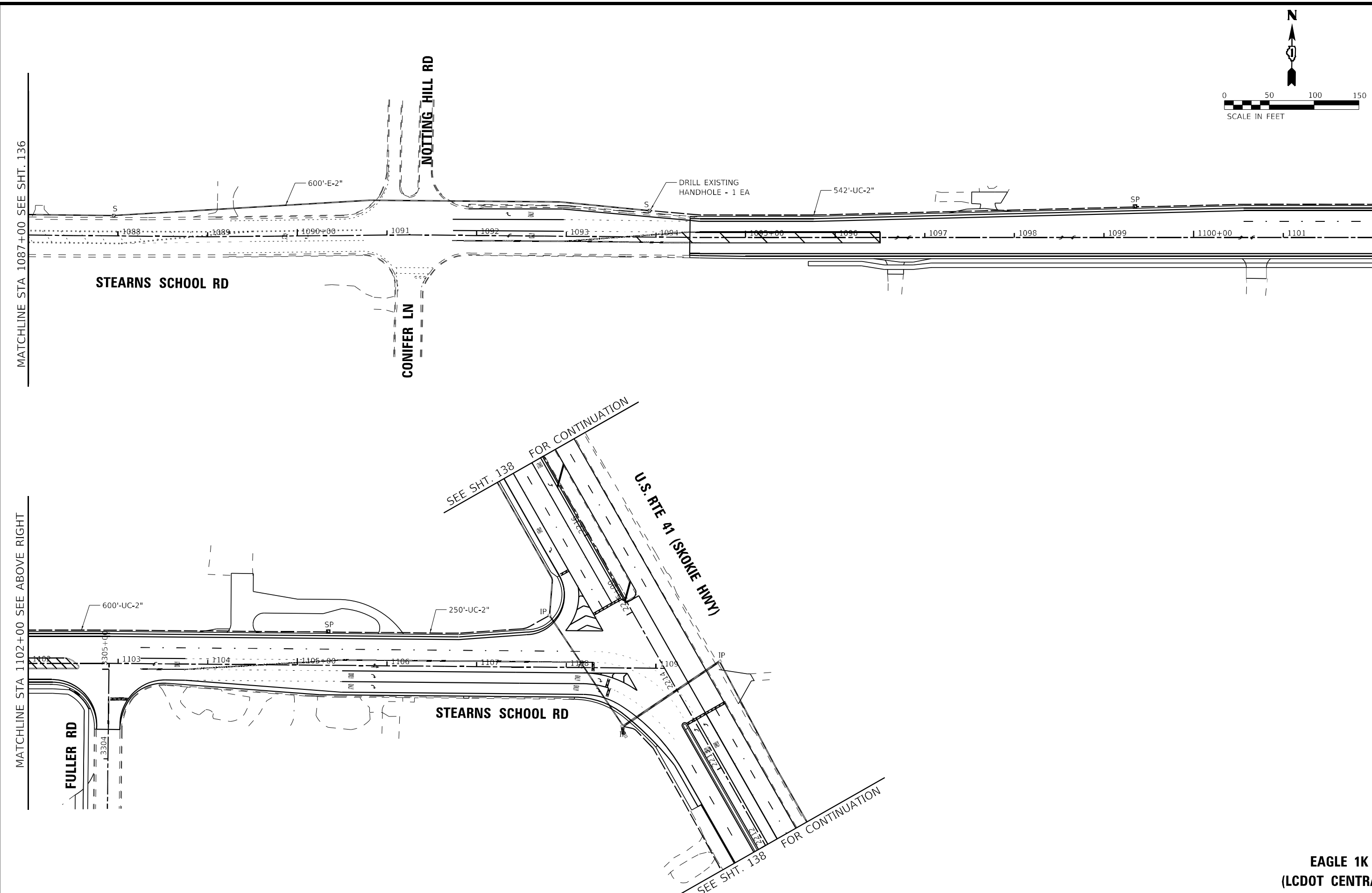
MATCHLINE STA 1072+00 SEE ABOVE RIGHT

MATCHLINE STA 1087+00 SEE SHT. 137

**EAGLE 1K
 (LCDOT CENTRACS)**

	USER NAME = morning	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED INTERCONNECT PLAN STEARNS SCHOOL RD - LAWSON BLVD TO WESTFIELD DR	F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 136
	PLOT SCALE = 100,0000' / in.	CHECKED - JJF	REVISED -			SCALE: 1"=50'	SHEET 1 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 62W53	
	PLOT DATE = 12/6/2023	DATE - 12/6/2023	FILE - 161141_SHT-TS_Interconnect Plan_01.dgn							

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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MATCHLINE STA 1087+00 SEE SHT. 136

MATCHLINE STA 1102+00 SEE BELOW LEFT

MATCHLINE STA 1102+00 SEE ABOVE RIGHT

SEE SHT. 138 FOR CONTINUATION

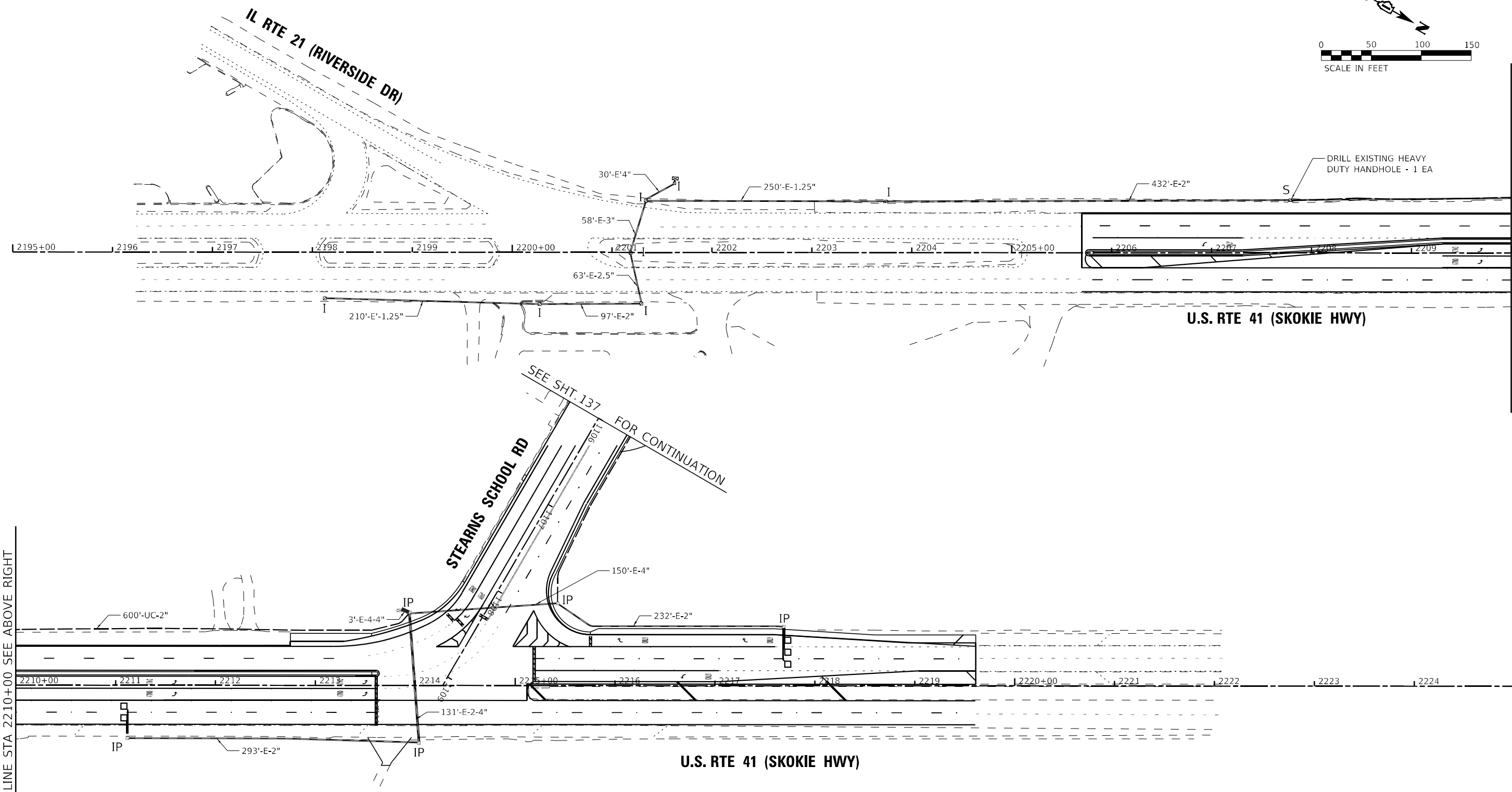
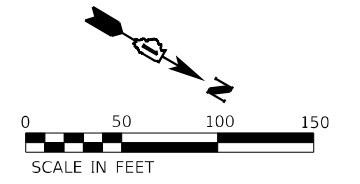
U.S. RTE 41 (SKOKIE HWY)

STEARNS SCHOOL RD

SEE SHT. 138 FOR CONTINUATION

EAGLE 1K
(LCDOT CENTRACS)

	USER NAME = morrij	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED INTERCONNECT PLAN STEARNS SCHOOL RD - NOTTING HILL RD TO U.S. RTE 41 (SKOKIE HIGHWAY)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -		346	2023-917-TL	LAKE	173	137			
	PLOT DATE = 12/6/2023	CHECKED - JJF	REVISED -		CONTRACT NO. 62W53							
	DATE - 12/6/2023	FILE - 161141_SHT-T5_Interconnect Plan_02.dgn	SCALE: 1"=50'		SHEET 2 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				



MATCHLINE STA 2210+00 SEE ABOVE RIGHT

MATCHLINE STA 2210+00 SEE BELOW LEFT

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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USER NAME = mornjg	DESIGNED - SAM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 12/6/2023	CHECKED - JJF	REVISED -
	DATE - 12/6/2023	FILE - 161141_SHT-T5_Interconnect Plan_03.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT PLAN
U.S. RTE 41 (SKOKIE HIGHWAY) -
IL RTE 21 (RIVERSIDE DR) TO STEARNS SCHOOL RD**

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 138
			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

**EAGLE 1K
(LCDOT CENTRACS)**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. TO STA.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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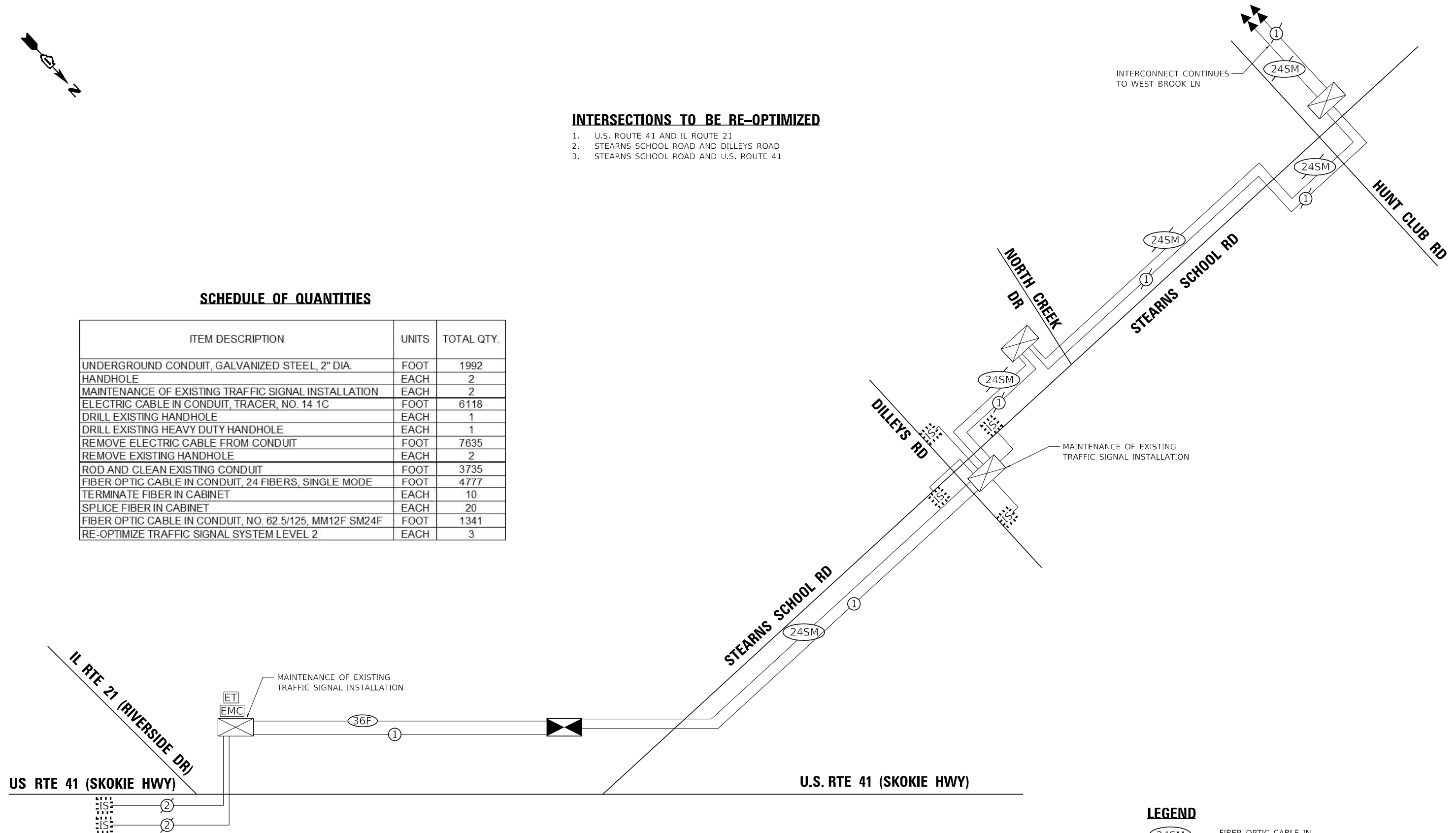


INTERSECTIONS TO BE RE-OPTIMIZED

1. U.S. ROUTE 41 AND IL ROUTE 21
2. STEARNS SCHOOL ROAD AND DILLEYS ROAD
3. STEARNS SCHOOL ROAD AND U.S. ROUTE 41

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1992
HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	6118
DRILL EXISTING HANDHOLE	EACH	1
DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	7635
REMOVE EXISTING HANDHOLE	EACH	2
ROD AND CLEAN EXISTING CONDUIT	FOOT	3735
FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE	FOOT	4777
TERMINATE FIBER IN CABINET	EACH	10
SPLICE FIBER IN CABINET	EACH	20
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	1341
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	3

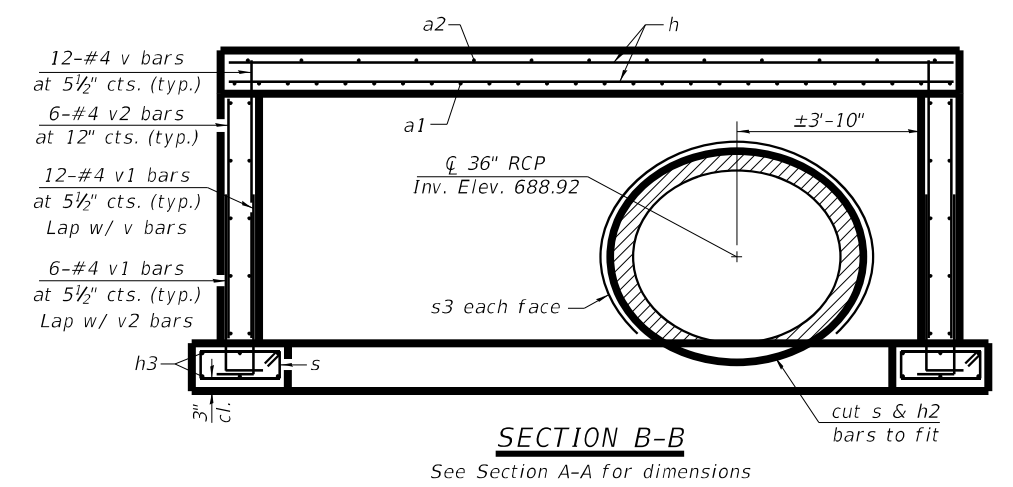
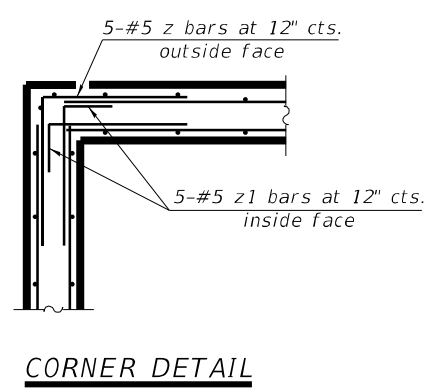
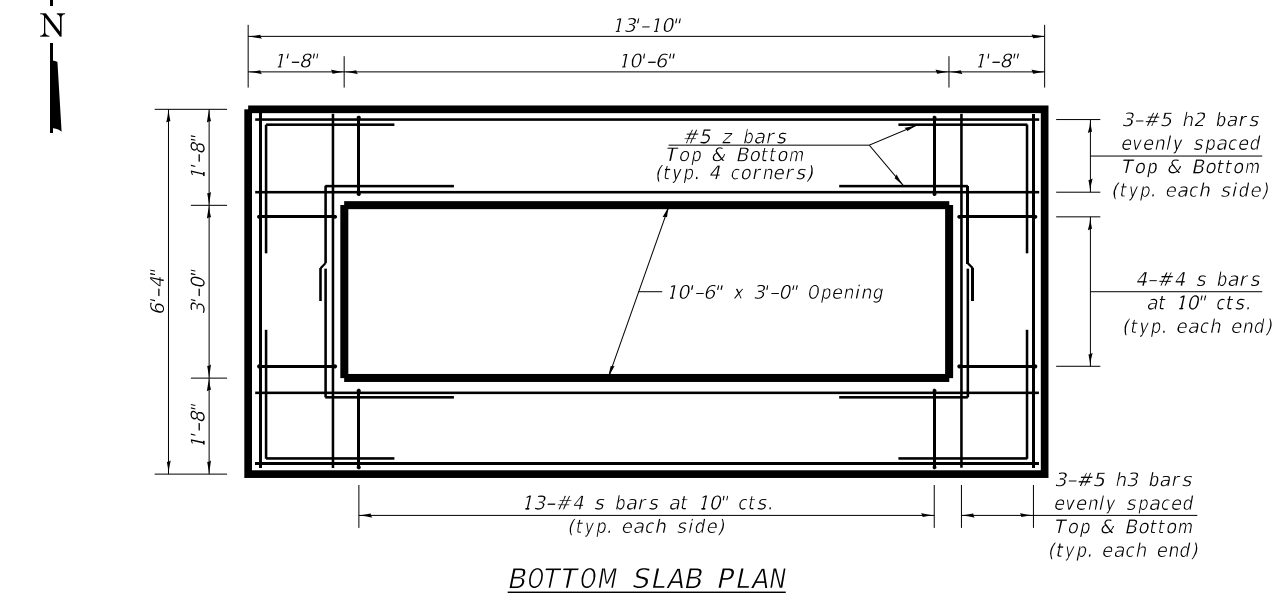
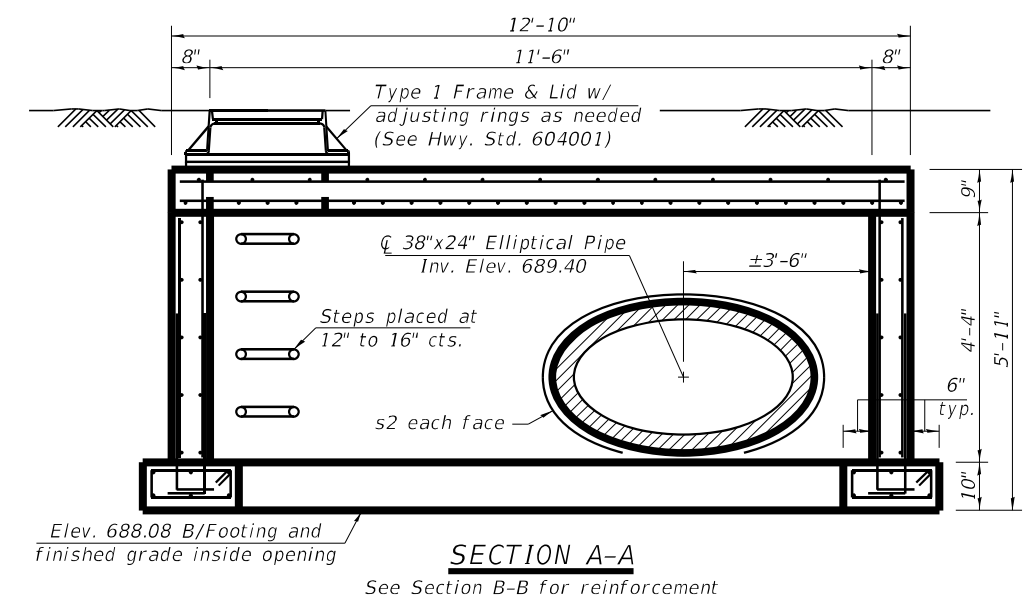
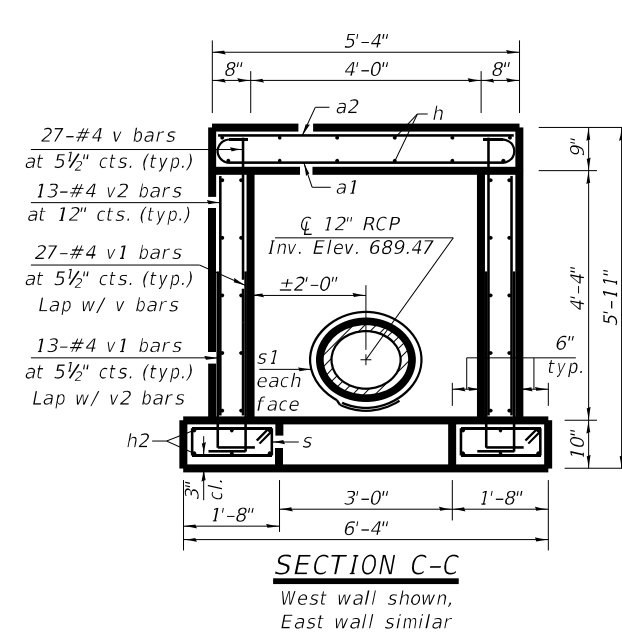
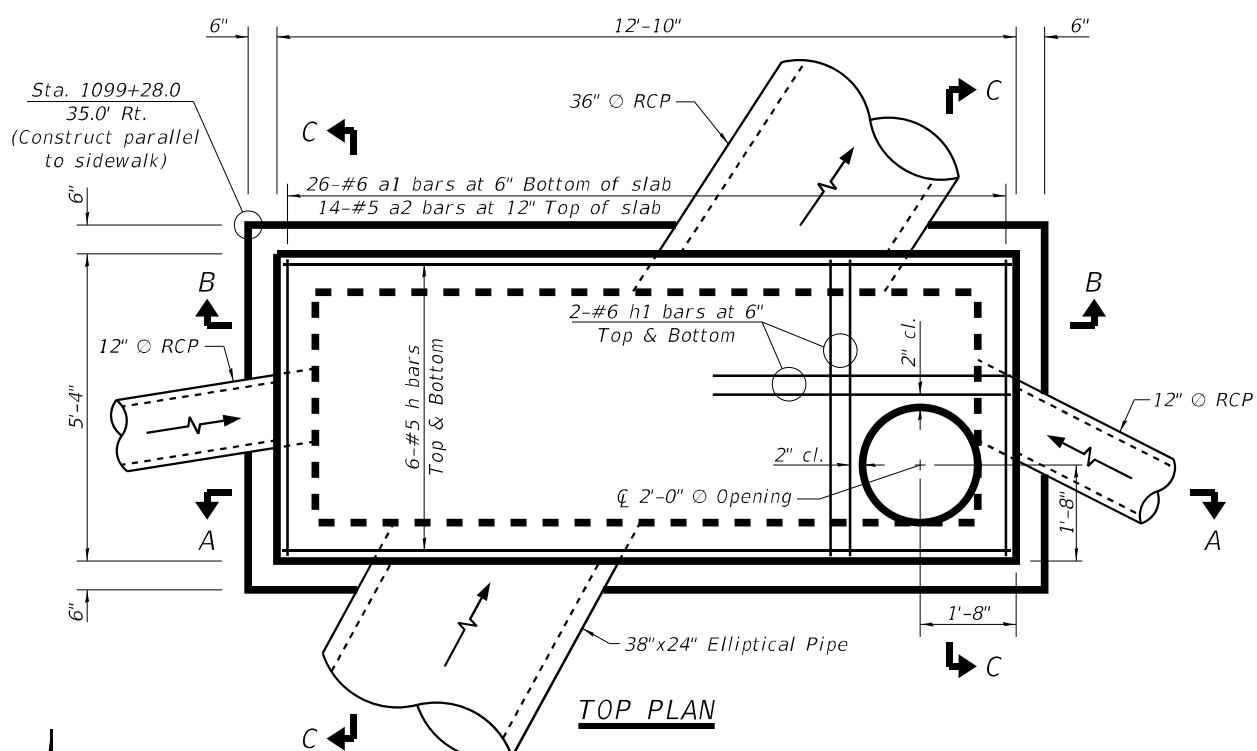


LEGEND

- 24SM FIBER OPTIC CABLE IN CONDUIT 24 SINGLE MODE
- 36F FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F

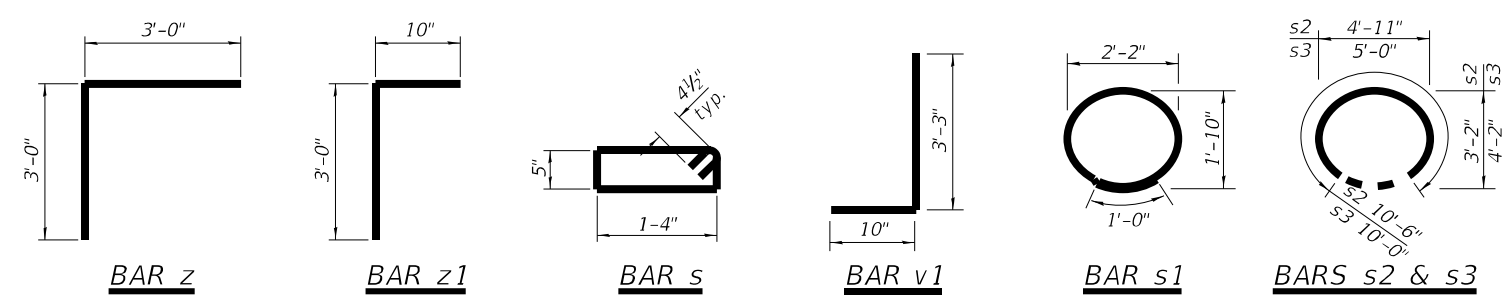
**EAGLE 1K
(LCDOT CENTRACS)**

BAXTER & WOODMAN <small>CONSULTING ENGINEERS</small>	USER NAME = morrij	DESIGNED - SAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED INTERCONNECT SCHEMATIC			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	DRAWN - MJO	REVISIONS -		REVISIONS -	STEARNS SCHOOL RD - HUNT CLUB RD TO U.S. RTE 41 (SKOKIE HWY) U.S. RTE 41 - IL RTE 21 (RIVERSIDE DR) TO STEARNS SCHOOL RD			346	2023-917-TL	LAKE	173
PLOT DATE = 12/6/2023	CHECKED - JJF	REVISIONS -	REVISIONS -	FILE - 161141_SHT-T5_Interconnect_Schematic_01.dgn	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 62W53				
								ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				



NOTES

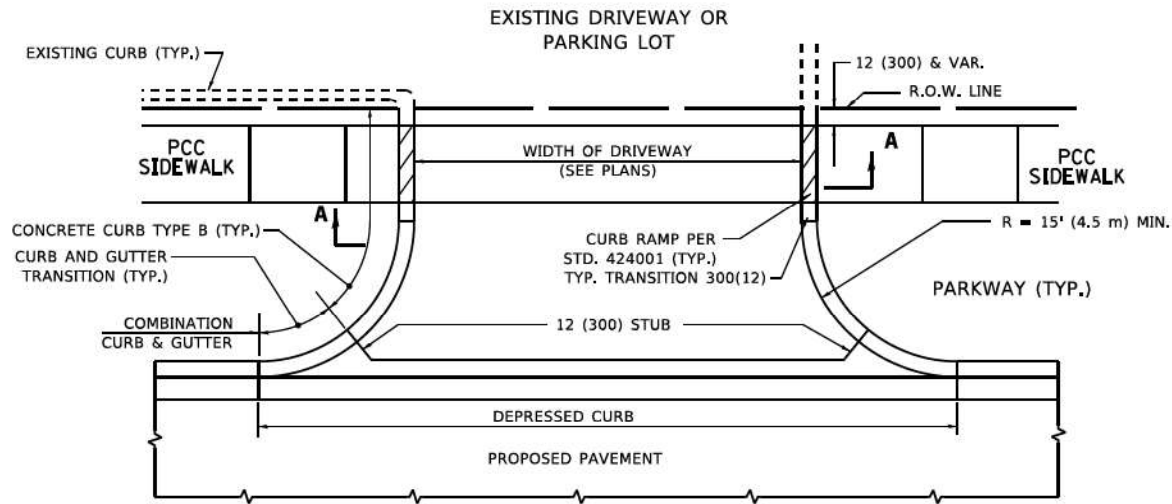
- Clear cover = 2" unless shown otherwise. Tilt hook of a1 bars if necessary to provide 2" clear cover. Cut horizontal and vertical bars at pipe penetrations to provide 2" clear cover to pipe.
- Backfill shall not be placed until after the top slab has been placed and allowed to cure for at least 24 hours.
- Frame & Lid shall be placed in accordance with the applicable portions of Sections 602 and 604.
- Min. allowable soil bearing capacity = 1200 lb / sq. ft.
- Steps shall be either cast iron or plastic in accordance with Highway Standard 602701. Cost of steps included with Concrete Structures.
- Dewatering may be required for construction of junction chamber. Cost of dewatering included with Structure Excavation.



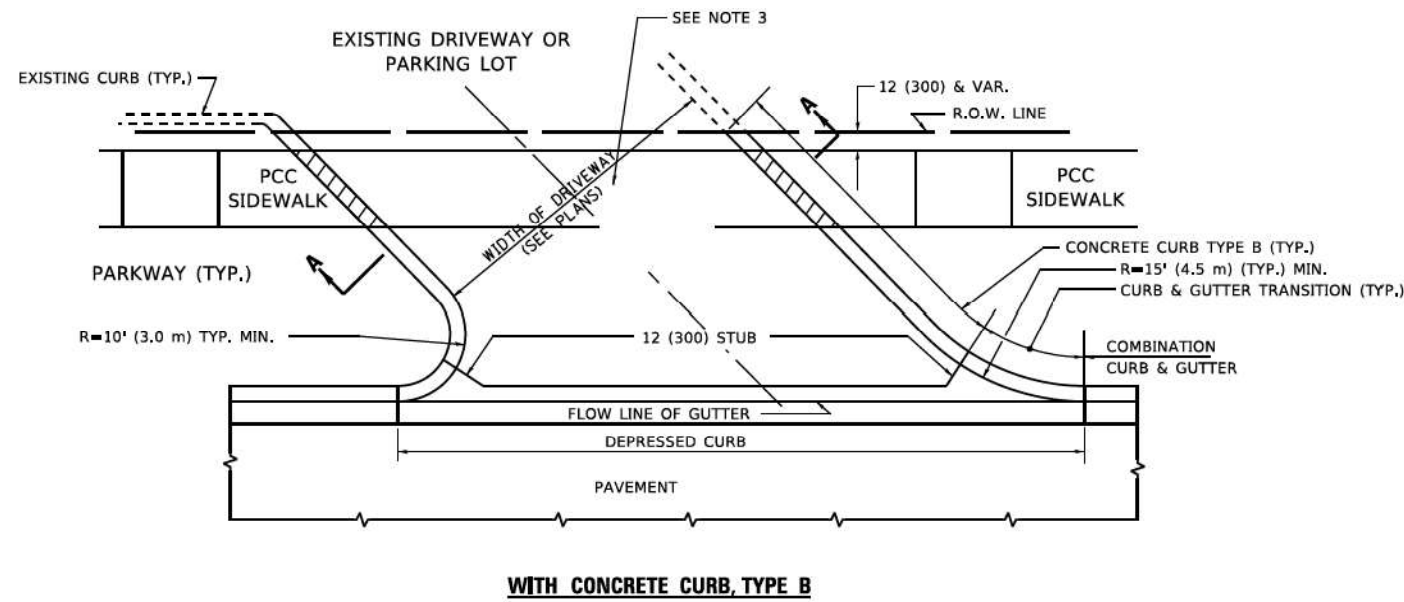
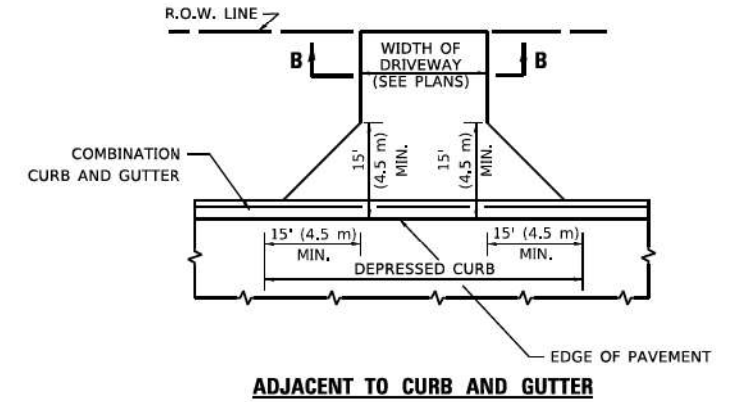
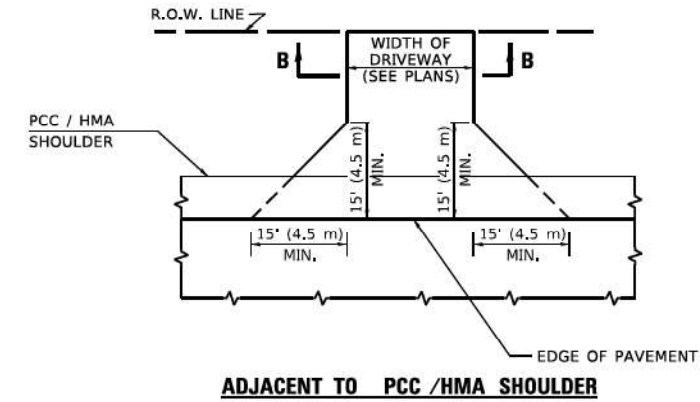
BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a1	26	#6	6'-4"	U	
a2	14	#5	5'-0"	—	
h	12	#5	12'-6"	—	
h1	8	#6	5'-0"	—	
h2	12	#5	13'-6"	—	
h3	12	#5	6'-0"	—	
s	34	#4	4'-3"	□	
s1	4	#4	7'-4"	○	
s2	2	#4	10'-6"	○	
s3	2	#4	10'-0"	○	
v	78	#4	4'-9"	—	
v1	116	#4	4'-1"	—	
v2	38	#4	4'-0"	—	
z	36	#5	6'-0"	—	
z1	40	#5	3'-10"	—	
Structure Excavation				Cu. Yd.	34
Concrete Structures				Cu. Yd.	6.5
Reinforcement Bars				Pound	1980
Frames and Lids, Type 1, Closed Lid				Each	1

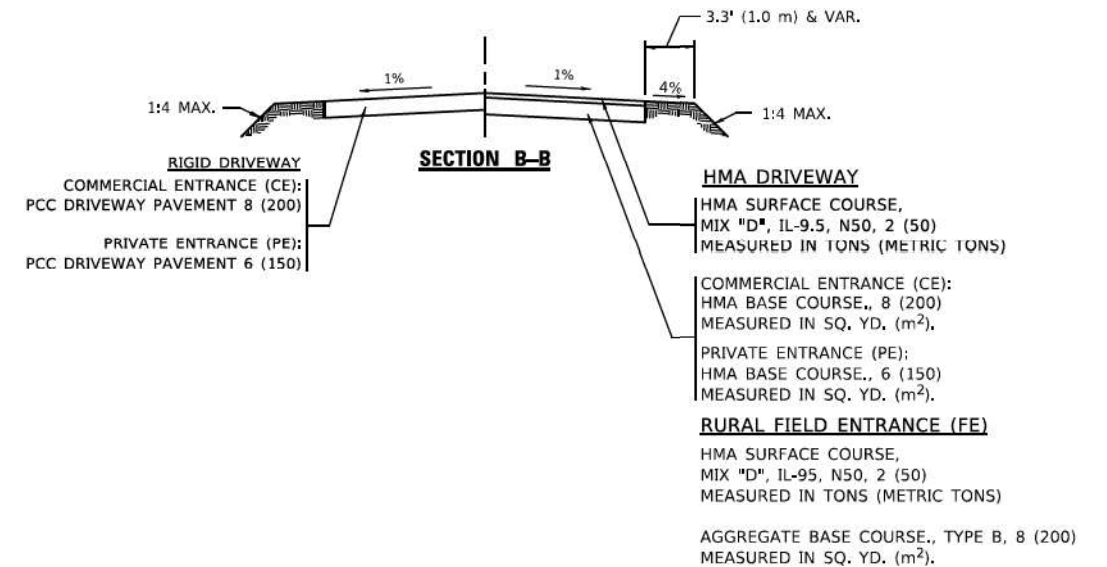
MODEL: Junction Chamber.dwg
FILE NAME: \\corpbaxwood.com\Projects\Crystal Lake\CDOT\161141-US 41-Steams School\CADD\Sheets\Phase II\161141_SHT-Structural.dwg



WITH CONCRETE CURB, TYPE B

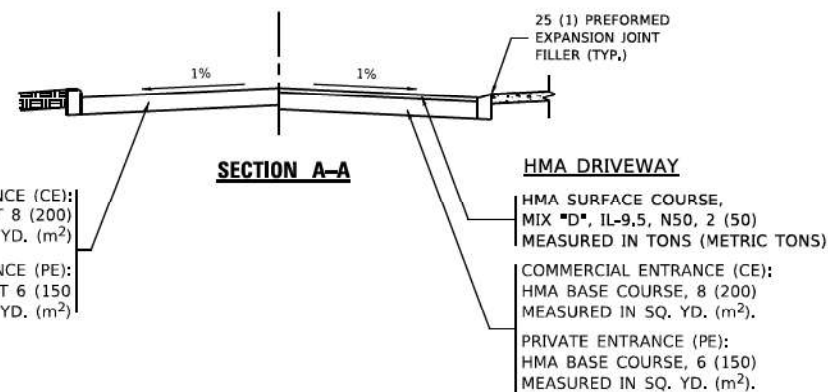


WITH CONCRETE CURB, TYPE B



GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.



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

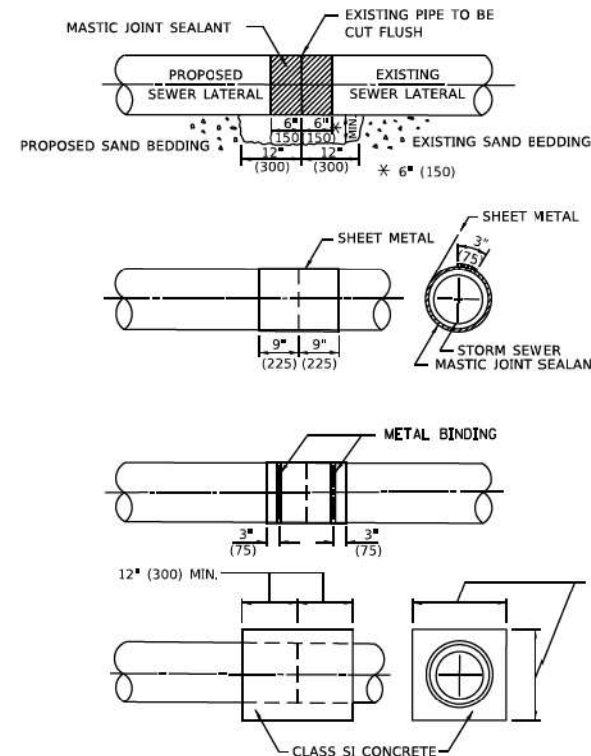
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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. 2023-917-TL
 FILE NUMBER: 2023-01-01

USER NAME - Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08
	DRAWN - R. BORO 09-06-11	REVISED - K. SMITH 08-28-19
PLOT SCALE = 100,0000' / 1in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 11/18/2022	DATE - 11-04-95	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

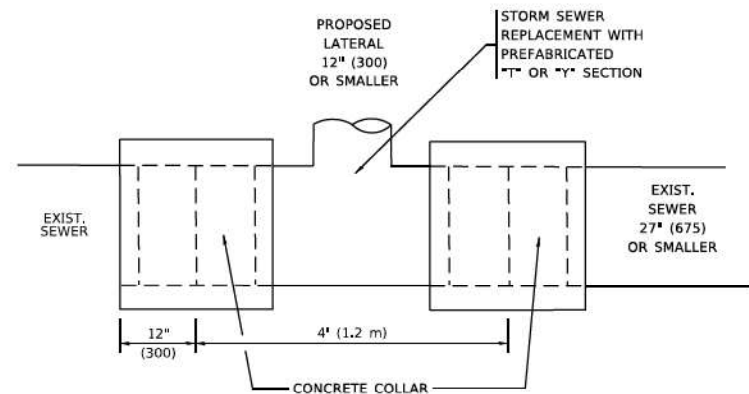
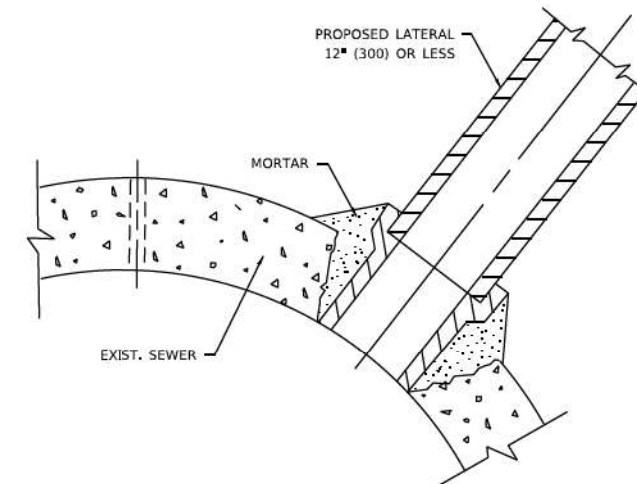
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	141
BD400-01 (BD-01)		CONTRACT NO. 62W53		
ILLINOIS FED. AID PROJ. RSTP-9AR6(773)				



CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT, BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT Oozes OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

DETAIL "B"

CLASS SI CONCRETE COLLAR

DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

- TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
- REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
- TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
- CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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USER NAME - Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94
	DRAWN -	REVISED - R. SHAH 10-25-94
PLOT SCALE = 100,0000' / 1in.	CHECKED -	REVISED - R. SHAH 06-12-96
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

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

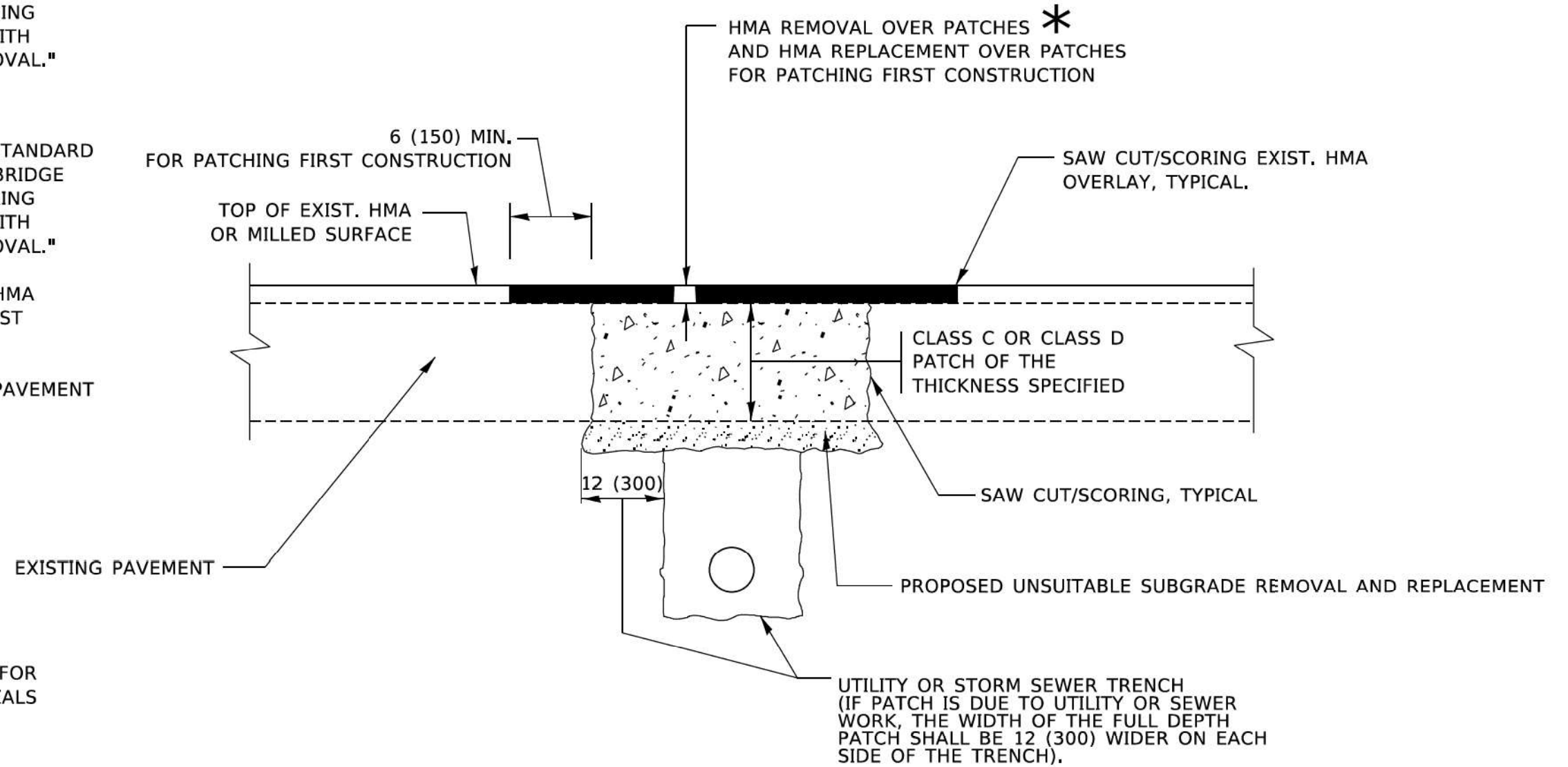
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	142
BD500-01 (BD-07)			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. 2023-917-TL
 SHEET NO. 143
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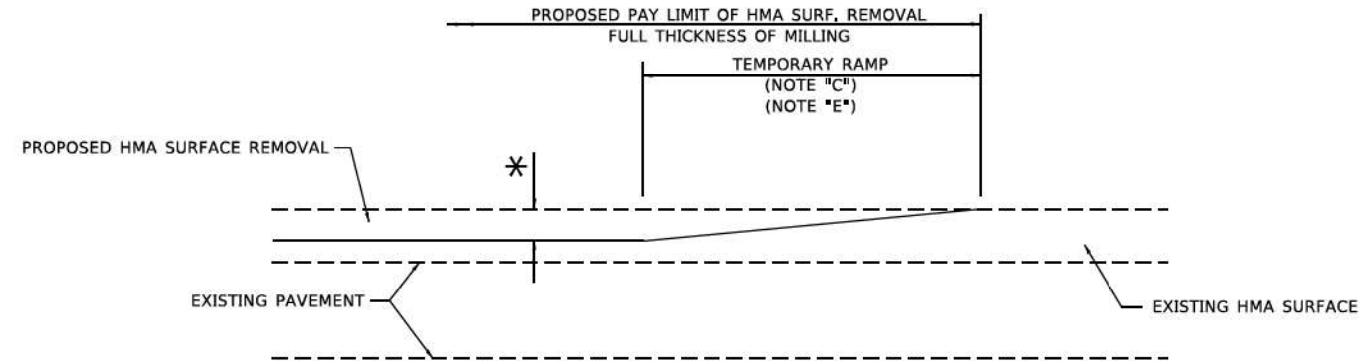
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	DRAWN -	REVISED - R. BORO 09-04-07
PLOT SCALE = 100,0000' / 1in.	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

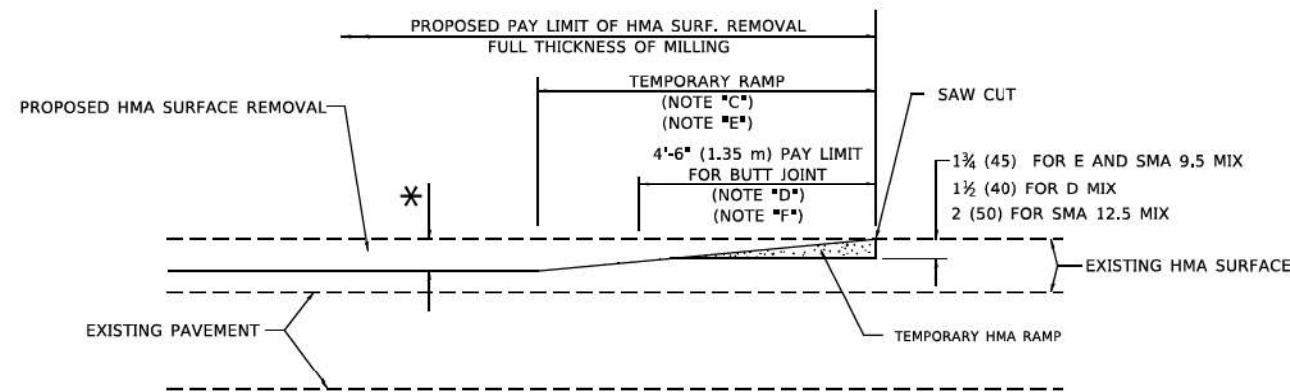
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	143
BD400-04 (BD-22)			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT HSIP-9ARG(773)				



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

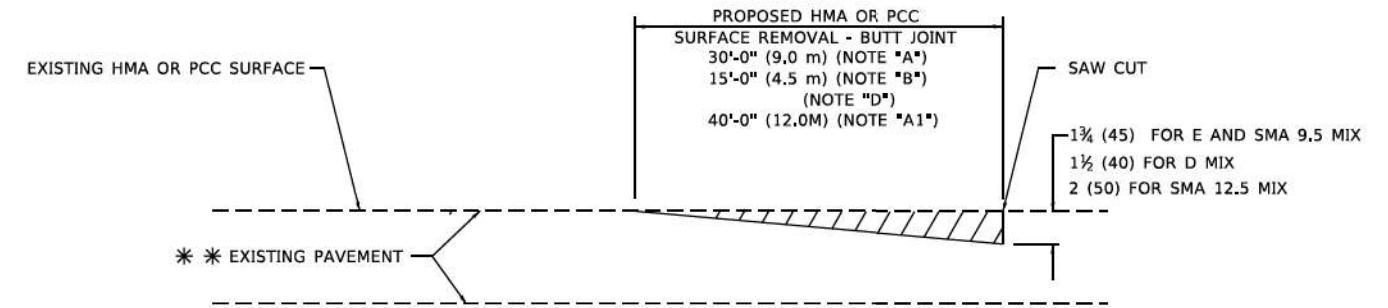
OPTION 1



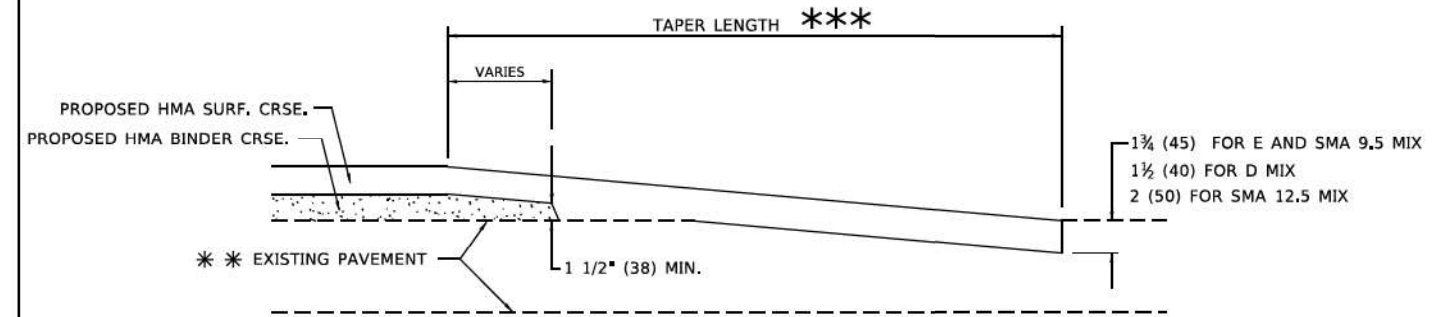
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT 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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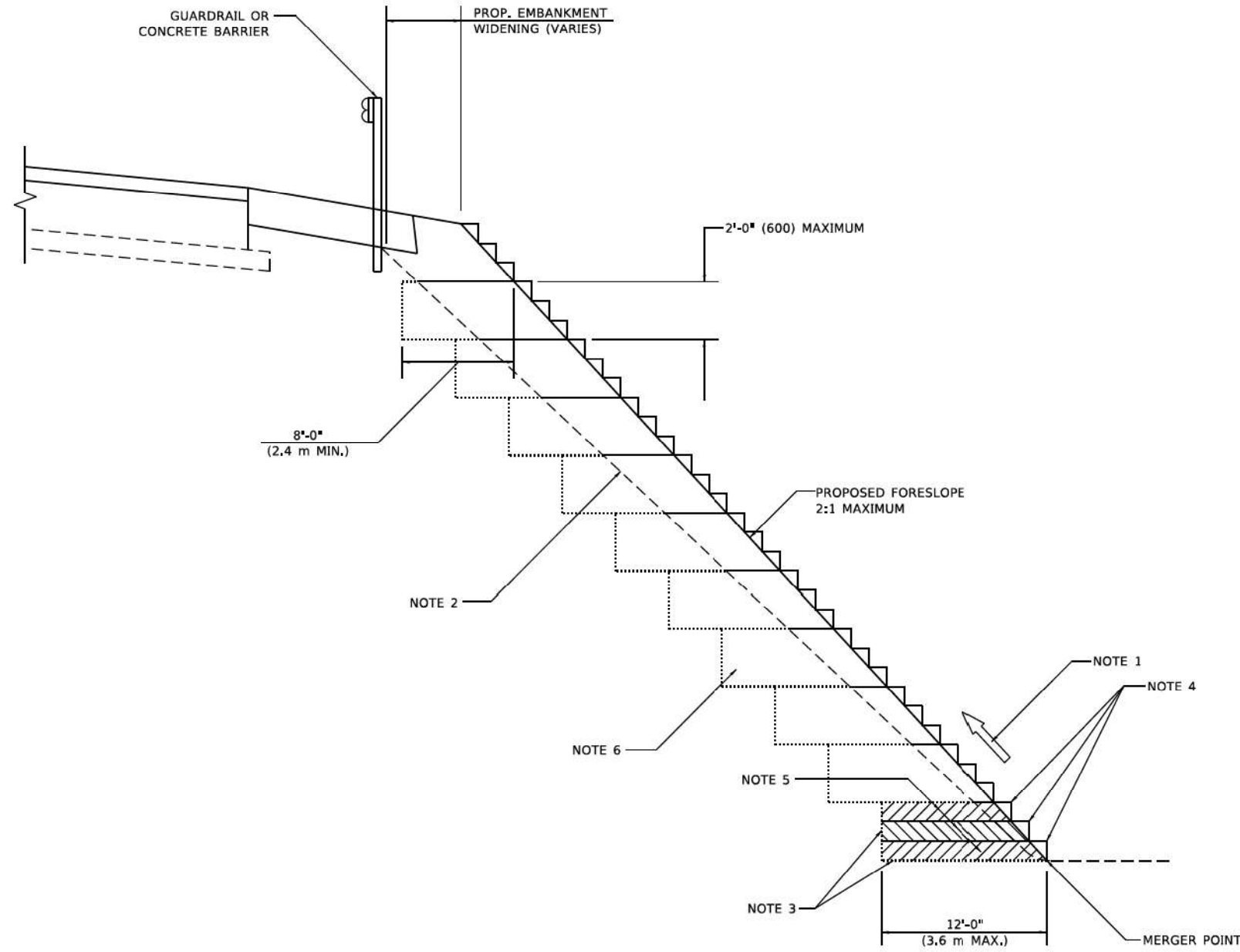
USER NAME - Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000 * 1/In.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	144
BD400-05		BD-32	CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT #SP-9AR6(773)				

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



**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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 PROJECT: 2023-917-TL
 FILE NAME: 2023-917-TL-01-EMBANKMENT-BENCHING-DETAILS-1-BO.dgn

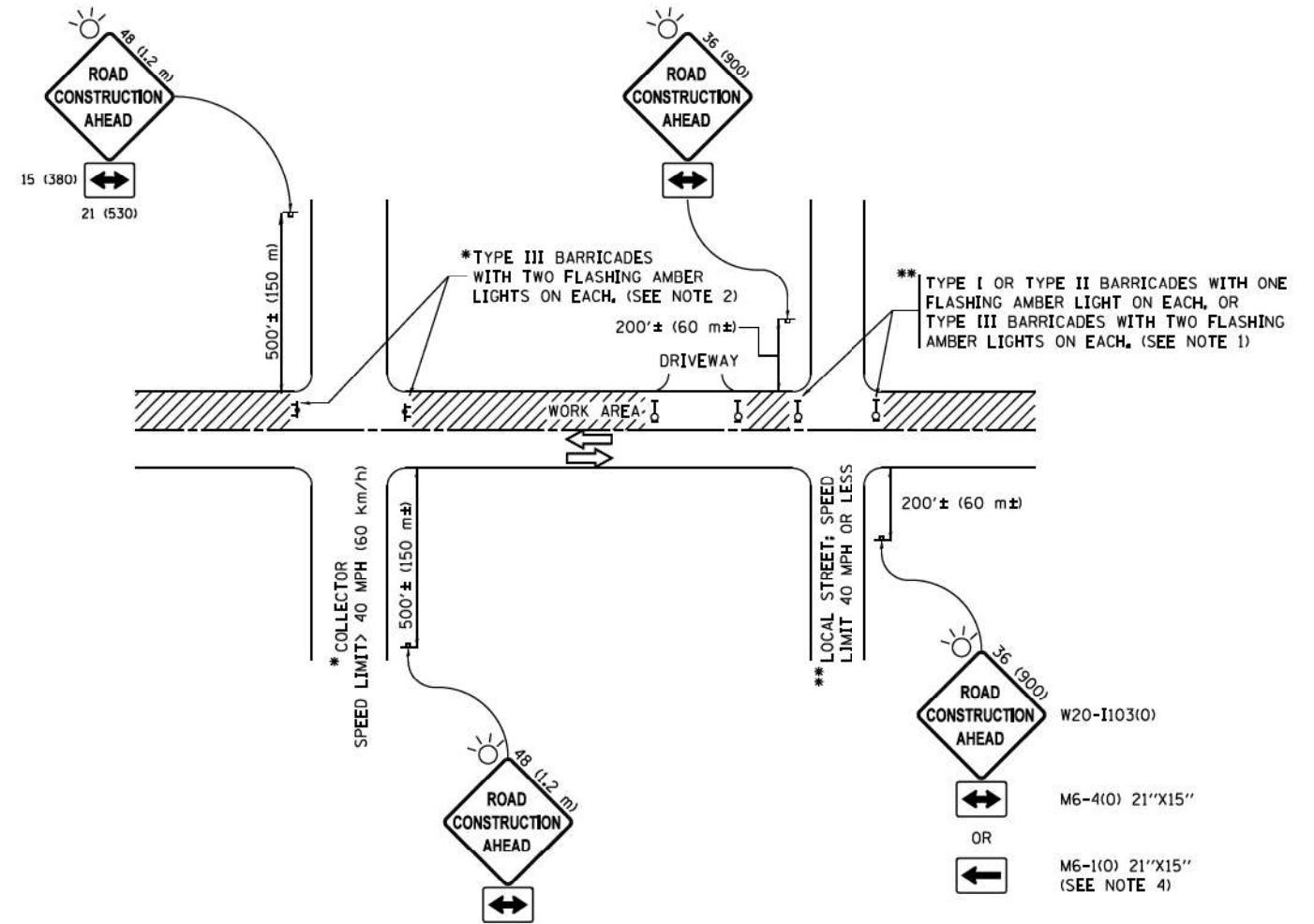
USER NAME	Lawrence, DeManche	DESIGNED	-	REVISED	-	K. SMITH 11-18-22
DRAWN	-	CADD	-	REVISIONS	-	
PLOT SCALE	= 100,0000' / 1" =	CHECKED	-	REVISIONS	-	
PLOT DATE	= 11/18/2022	DATE	-	REVISIONS	-	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	145
BD-51		CONTRACT NO. 62W53		
ILLINOIS FED. AID PROJ. RSTIP-9AR6(773)				



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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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 No. - 186 02/2/2023
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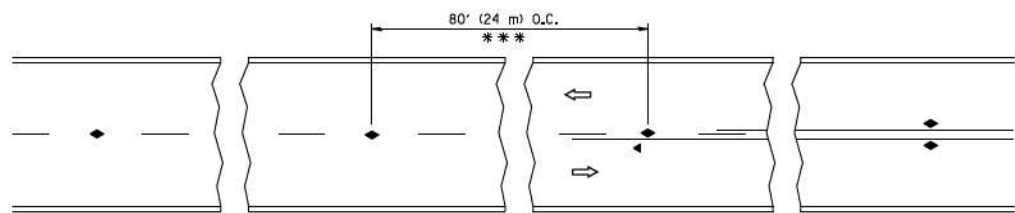
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PLOT SCALE = 50.000' / in.	CHECKED -		REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 9/15/2016	DATE = 06-89		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

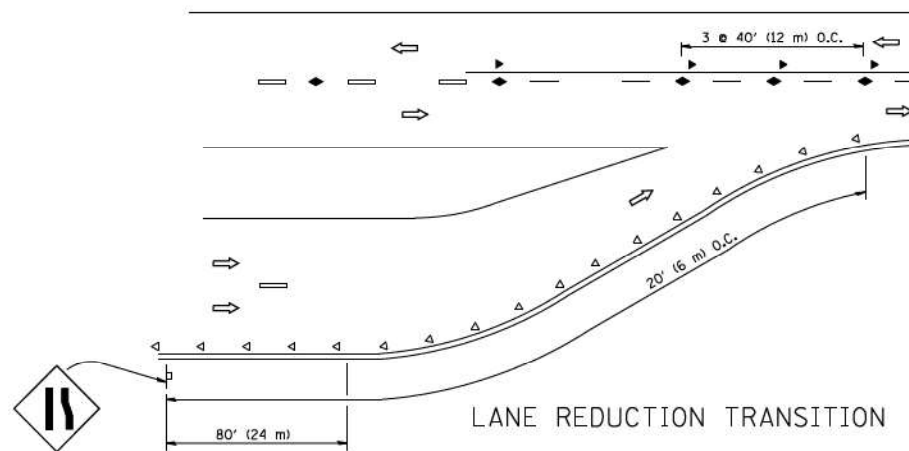
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	146
TC-10			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT # SIP-9AR6(773)				

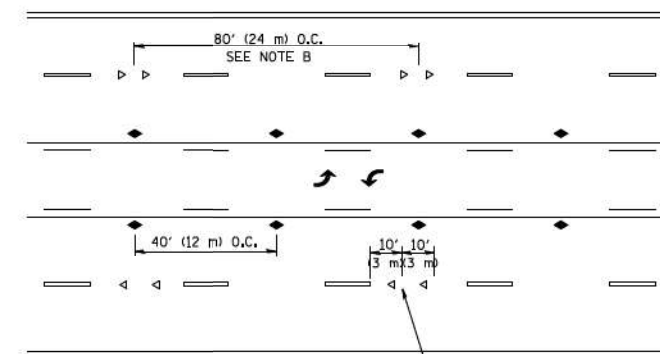


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

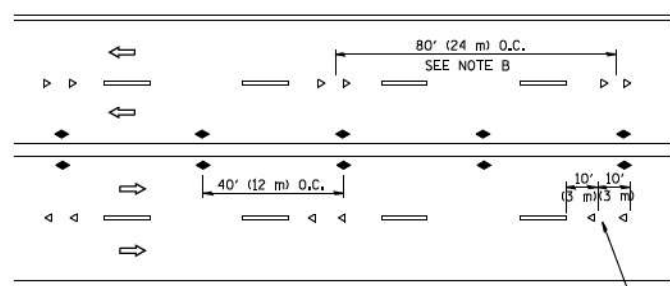
TWO-LANE/TWO-WAY



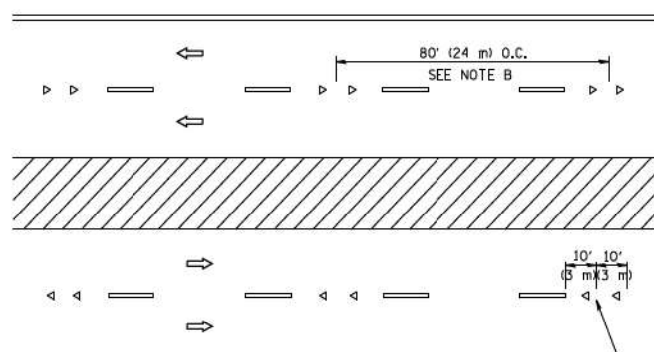
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

LANE MARKER NOTES

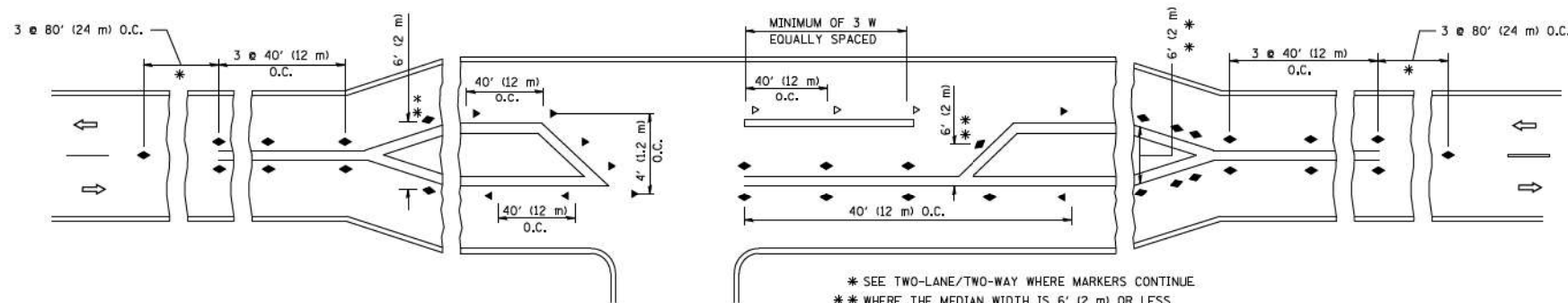
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. - 180223
 DATE - 02/2023
 PROJECT - I0147 MM
 PROJECT LOCATION - Crystal Lake, IL
 PROJECT SHEETS - Phase I (Village District ONE DETAILS) - TC.dgn

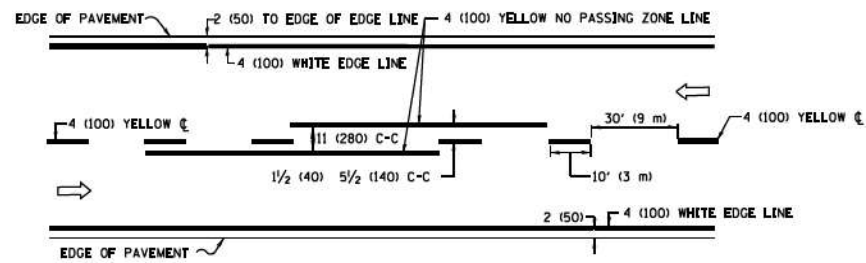
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		CHECKED -	REVISED - T. RAMMACHER 01-06-00
		DATE -	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.000' / IN.			
PLOT DATE = 3/2/2011			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

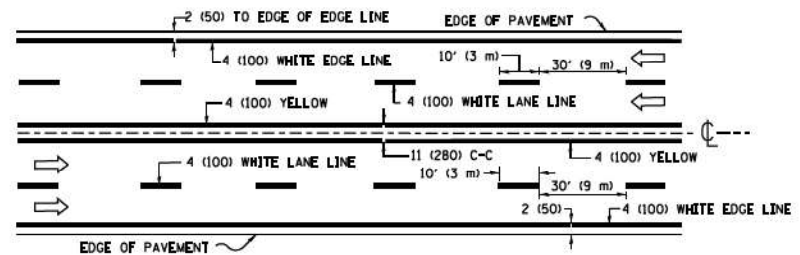
TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

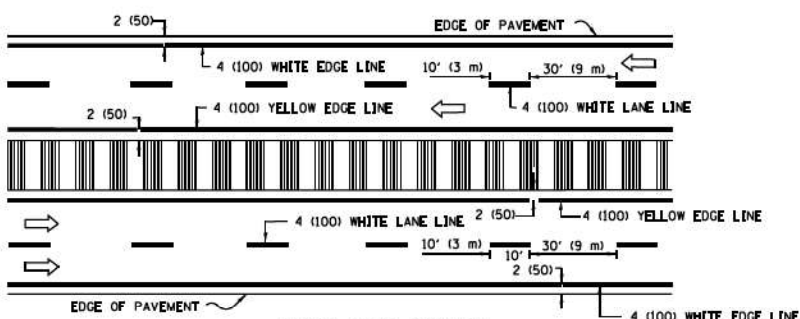
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	147
TC-11		CONTRACT NO.	62W53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				



2-LANE ROADWAY

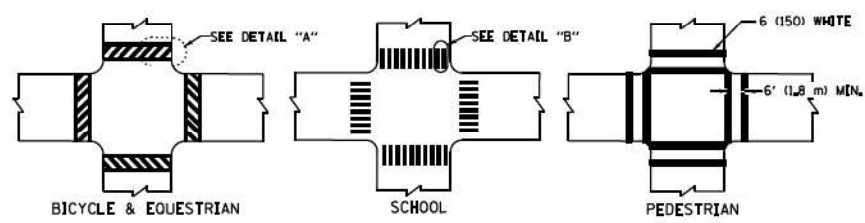


MULTI-LANE UNDIVIDED



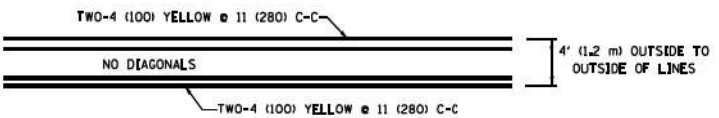
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

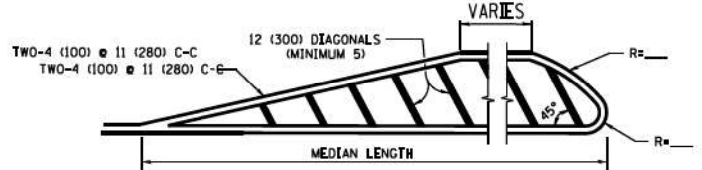


TYPICAL CROSSWALK MARKING

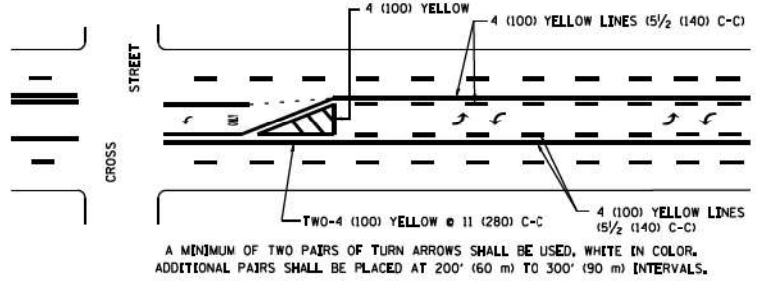
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

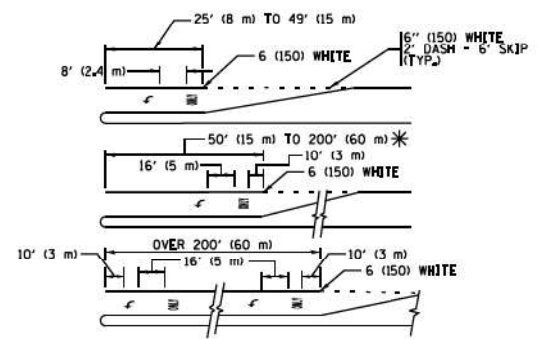


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

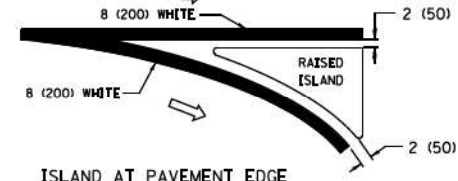
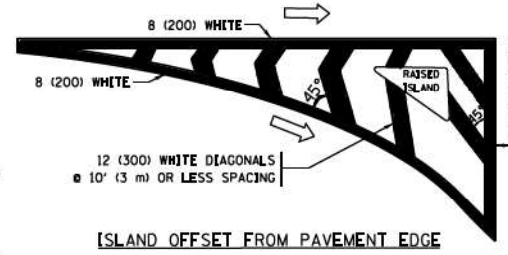


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)

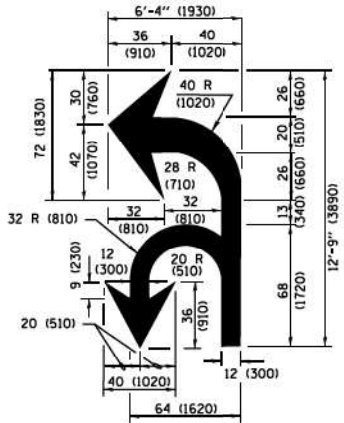
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

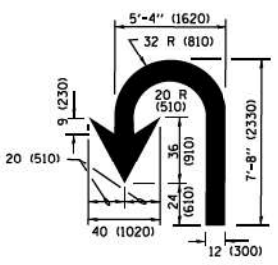
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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	YELLOW	5/2 (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 5/2 (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 WHITE WHITE	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE 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 (30 MPH (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" TS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "X"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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.

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. 18-012-02-002
 PROJECT NAME: Crystal Lake I-55 Interchange
 PROJECT LOCATION: Crystal Lake, Illinois
 PROJECT SHEET: 18-012-02-002-001

FILE NAME	USER NAME	DESIGNED	REVISED
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		DRAWN	C. JUCIUS 07-01-13
		CHECKED	C. JUCIUS 12-21-15
		DATE	C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	148
	TC-13			

ILLINOIS FED. AID PROJECT#18-012-02-002-001

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

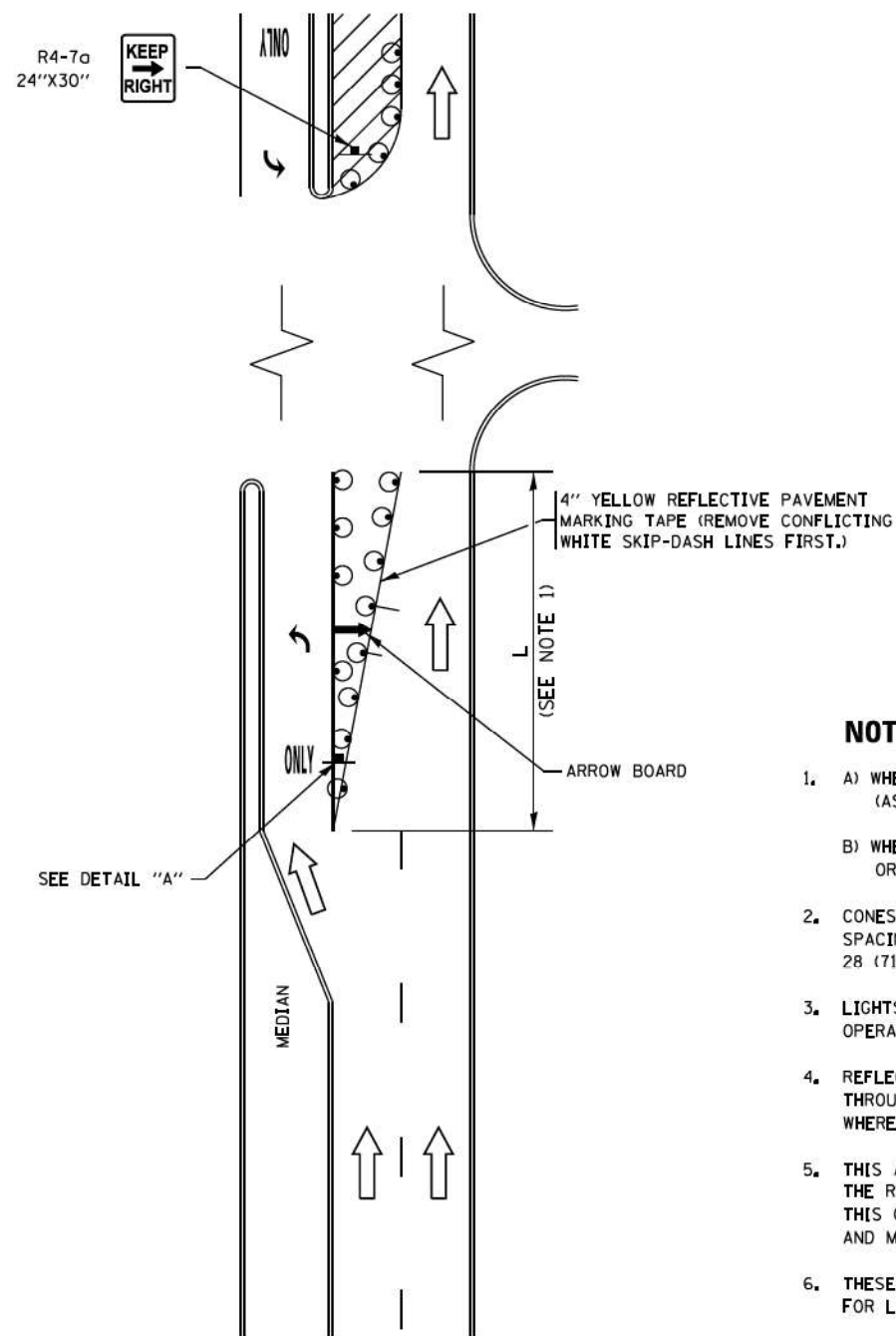


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

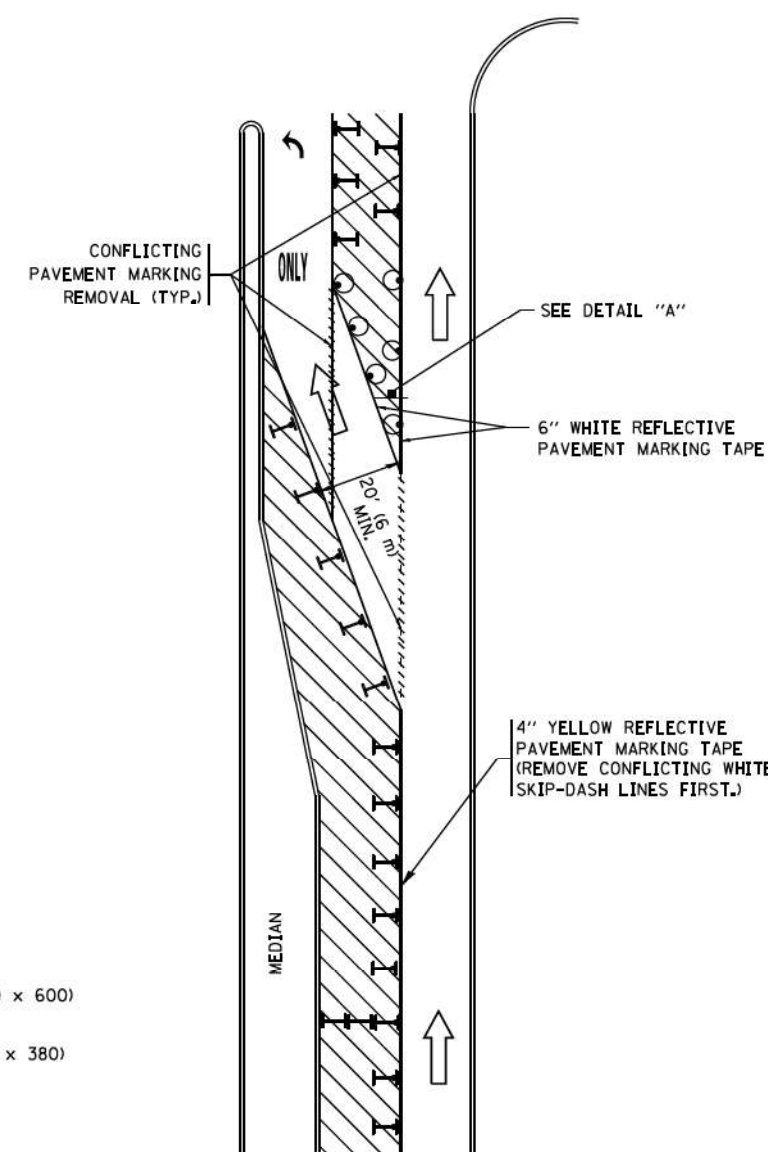


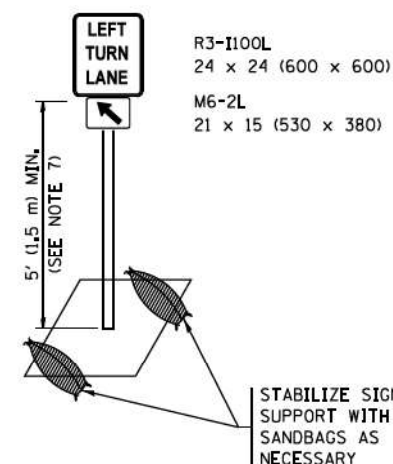
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. 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.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. - 1807-2023
 PROJECT NAME - I-55/2023
 PROJECT LOCATION - I-55/2023
 PROJECT DESCRIPTION - I-55/2023
 PROJECT SHEETS - I-55/2023

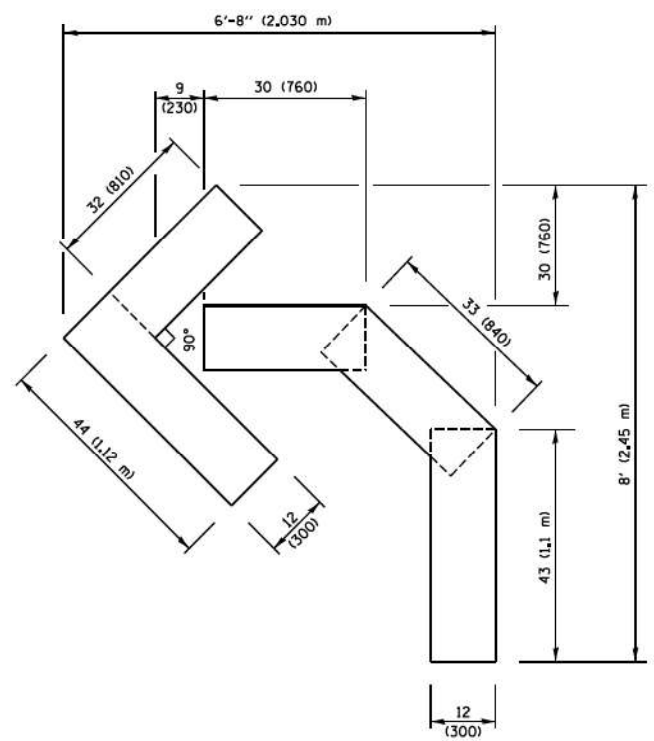
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PROJECT NO. = 1807-2023	PROJECT NAME = I-55/2023	REVISED - A. SCHUETZE 07-01-13	REVISED - A. SCHUETZE 07-01-13
PROJECT LOCATION = I-55/2023	PROJECT DESCRIPTION = I-55/2023	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PROJECT SHEETS = I-55/2023	PROJECT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

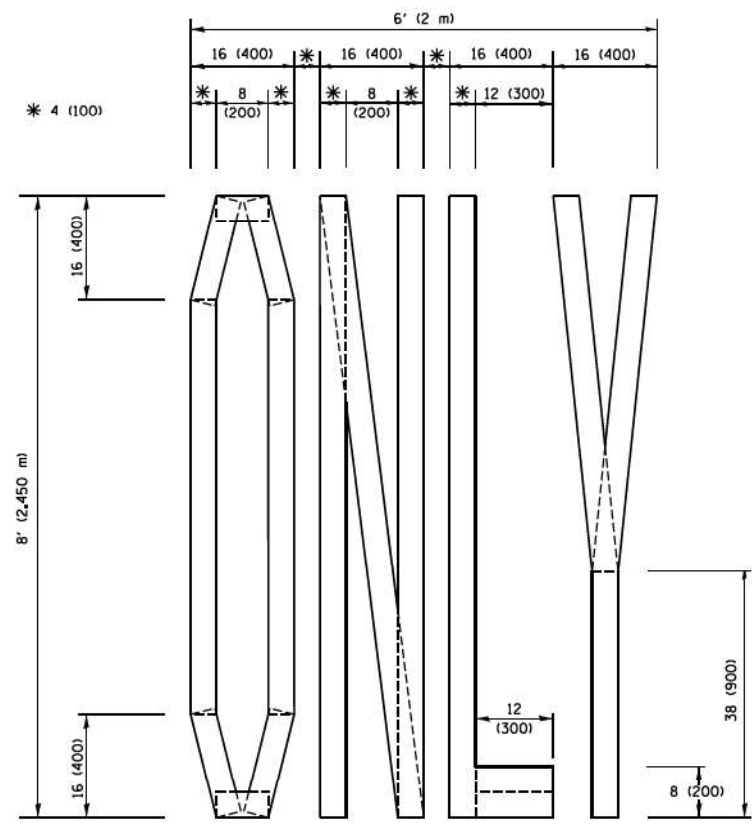
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

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

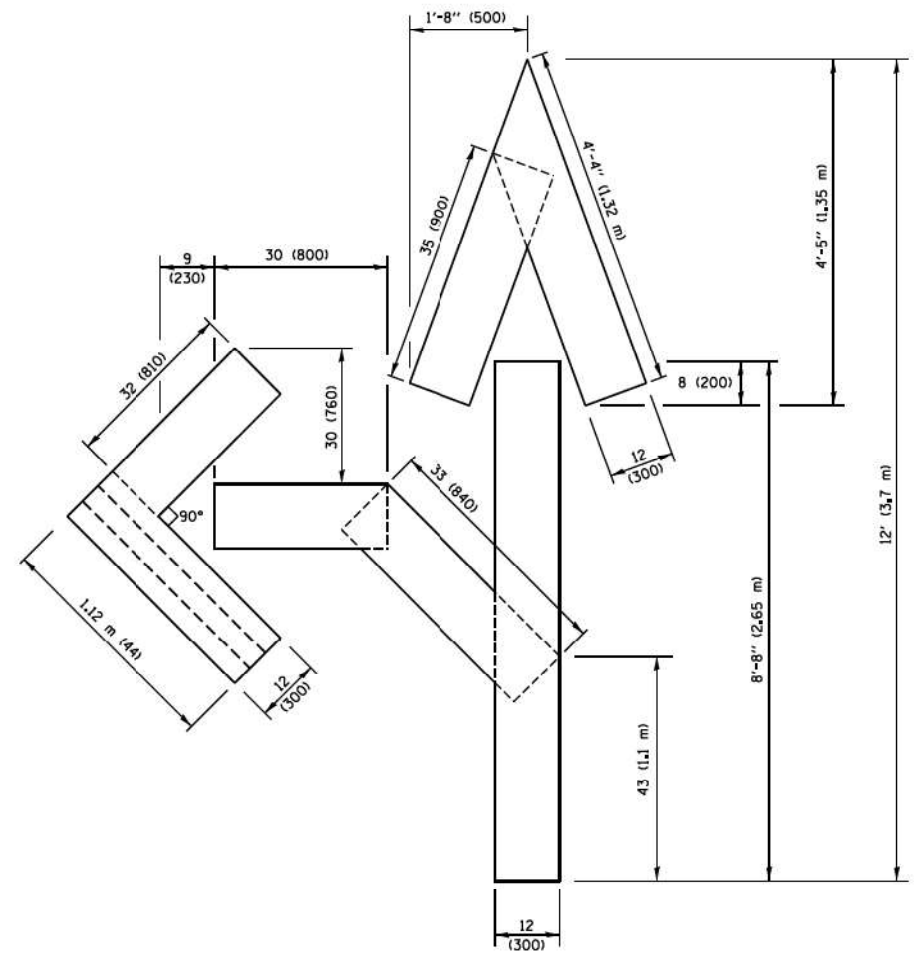
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	149
	TC-14		CONTRACT NO. 62W53	
			ILLINOIS FED. AID PROJECT # SIP-9AR6(773)	



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

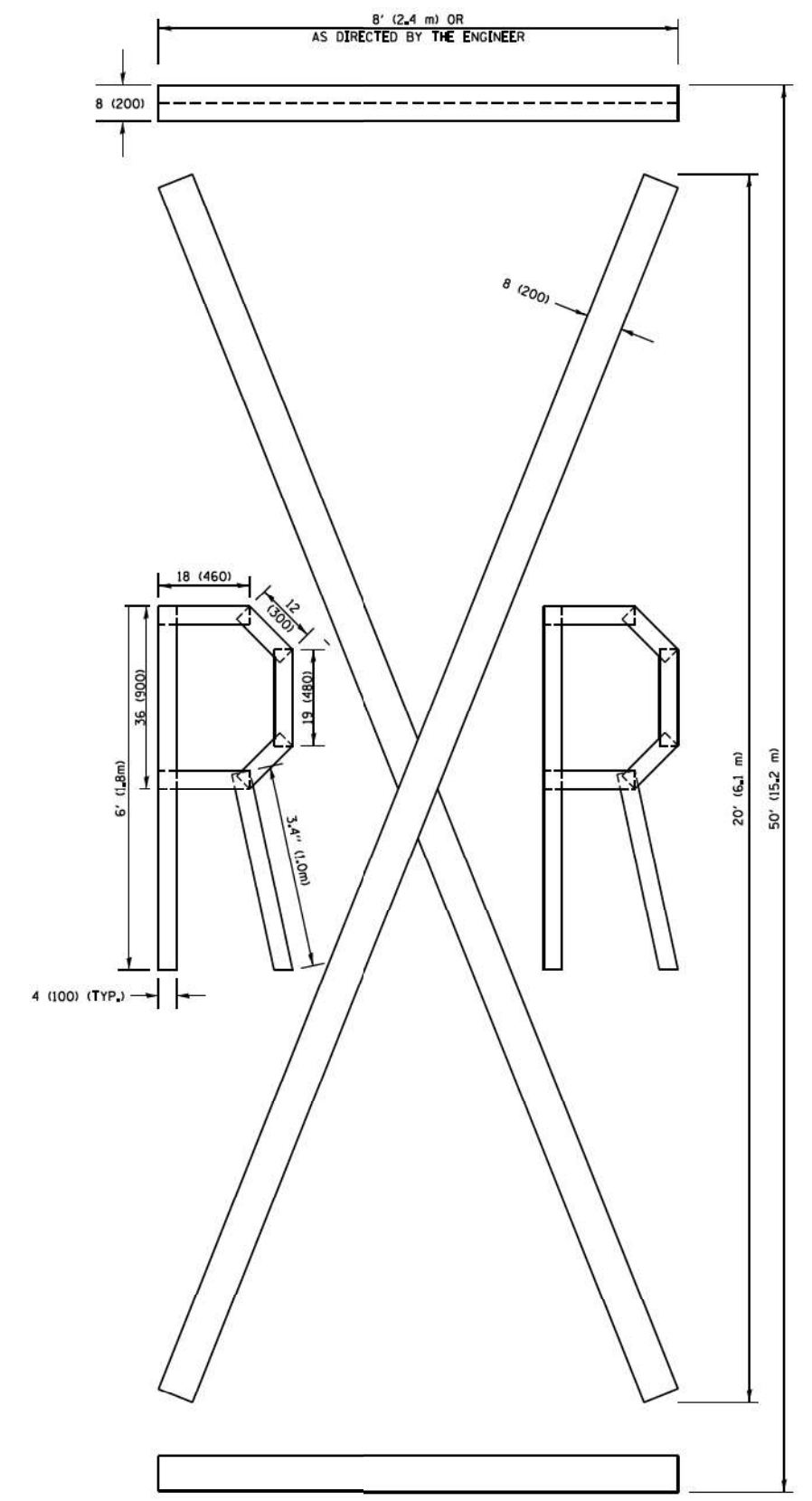


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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



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

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

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. - 18022/2017
 PROJECT NAME - 18022/2017
 PROJECT LOCATION - 18022/2017
 PROJECT DESCRIPTION - 18022/2017
 PROJECT DRAWING NO. - 18022/2017
 PROJECT DATE - 9/15/2016

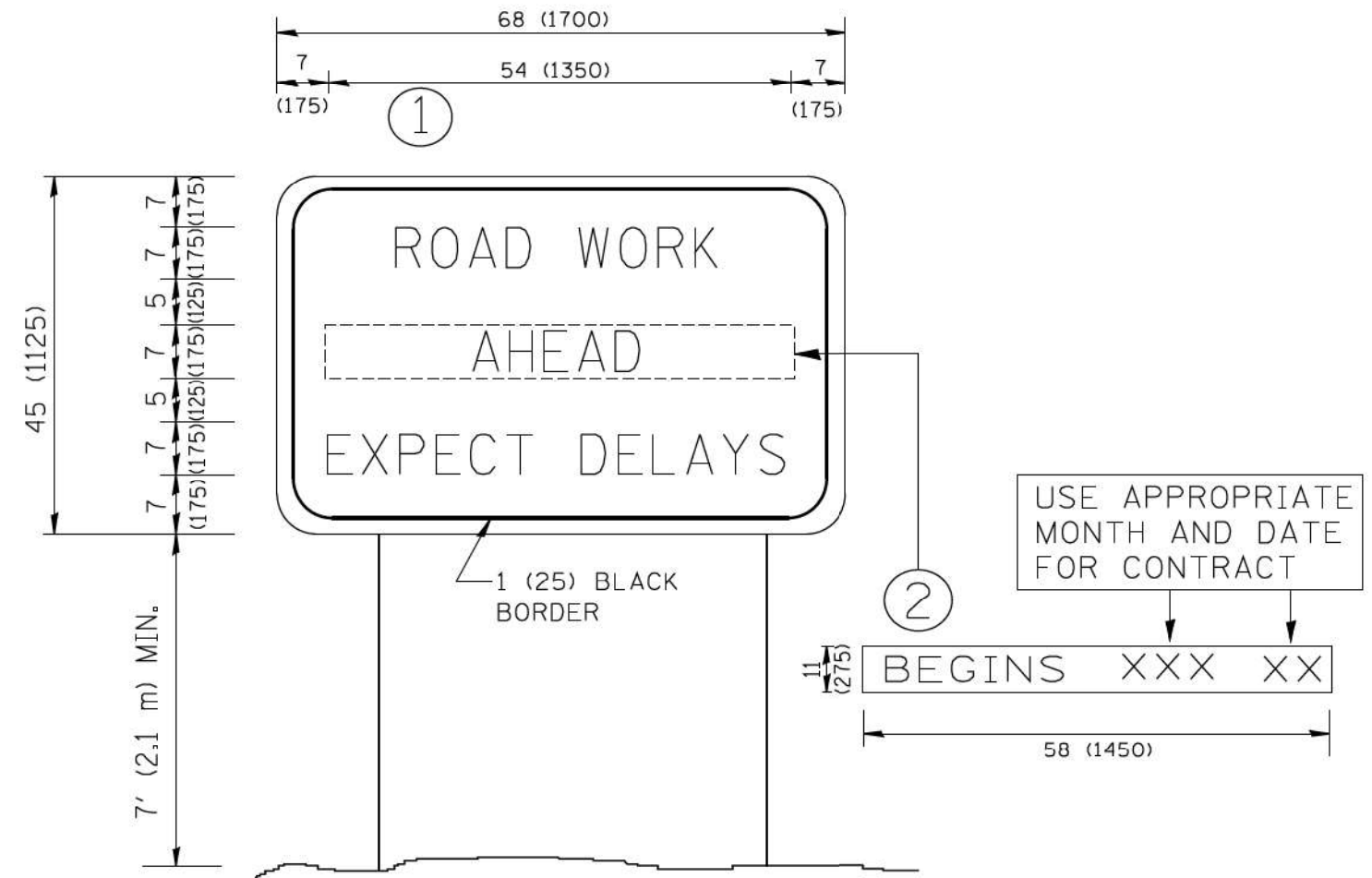
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			REVISED -E. GOMEZ 08-28-00
		CHECKED -	REVISED -E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED -A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	150
TC-16		CONTRACT NO. 62W53		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT SIP-9AR6(773)				

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 No. - 187-02/2023
 PROJECT NO. - 187-02/2023
 PROJECT NAME - 187-02/2023
 PROJECT LOCATION - 187-02/2023
 PROJECT DESCRIPTION - 187-02/2023
 PROJECT SHEETS - 187-02/2023



NOTES:

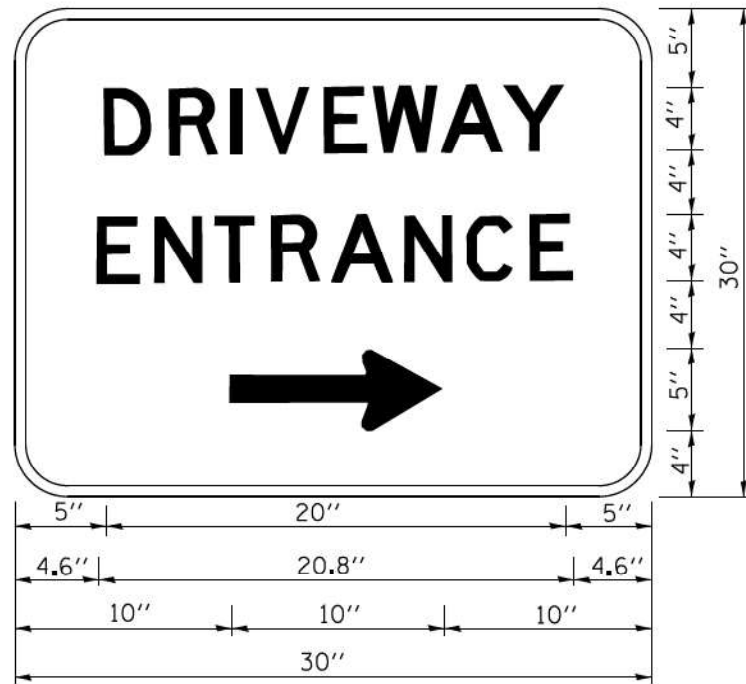
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
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 PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = geglano	DESIGNED -	REVISED - R. MIRS 09-15-97
W:\diststd\22x34\1c22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 60.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE			2023-917-TL	LAKE	173	151
SHEET NO. 1 OF 1 SHEETS		TC-22		CONTRACT NO. 62W53		
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HSIP-9AR6(773)				



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 PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 No. 18-022/2023
 104159 MM
 \\corp.baxwood.com\Projects\CrystalLake\CDOT\6164-US 4I-5 Stearns School\CADD\Sheets-Phase 1\6164.DISTRICT ONE DETAILS - TC.dgn

FILE NAME =	USER NAME = gegl:enobt	DESIGNED -	REVISED - C. JUXTUS 02-15-07
ca:\pwork\pwork\gegl:enobt\d0108315\tp6.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.000' / 1"		CHECKED -	REVISED -
PLOT DATE = 12/13/2012		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

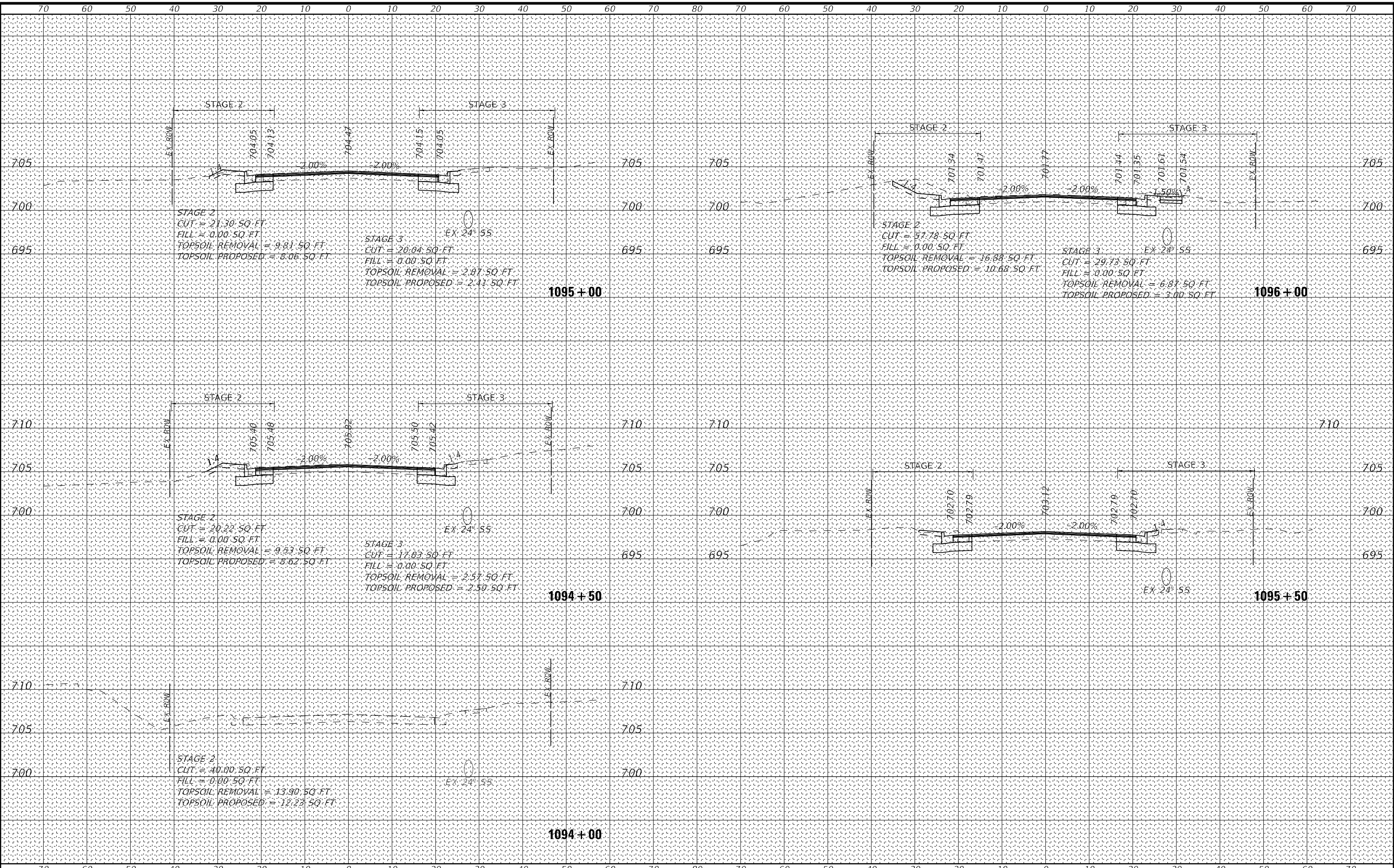
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023-917-TL	LAKE	173	152
TC-26		CONTRACT NO.	62W53	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT# SIP-9AR6(773)				

MODEL: Definit
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 DATE: 12/6/2023
 TIME: 10:22:23 AM

BY	
DATE	
FINAL SURVEY	SURVEYED
	NOTED
	PLOTTED
	TEMPERATURE
	AREAS CHECKED
	CHECKED
	NO.

BY	
DATE	
ORIGINAL SURVEY	SURVEYED
	NOTED
	PLOTTED
	TEMPERATURE
	AREAS CHECKED
	CHECKED
	NO.



USER NAME	= mornrig	DESIGNED	- AMW	REVISED	-
		DRAWN	- MJO	REVISED	-
PLOT SCALE	= 20,0000 */ in.	CHECKED	- JJF	REVISED	-
PLOT DATE	= 12/6/2023	DATE	= 12/6/2023	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

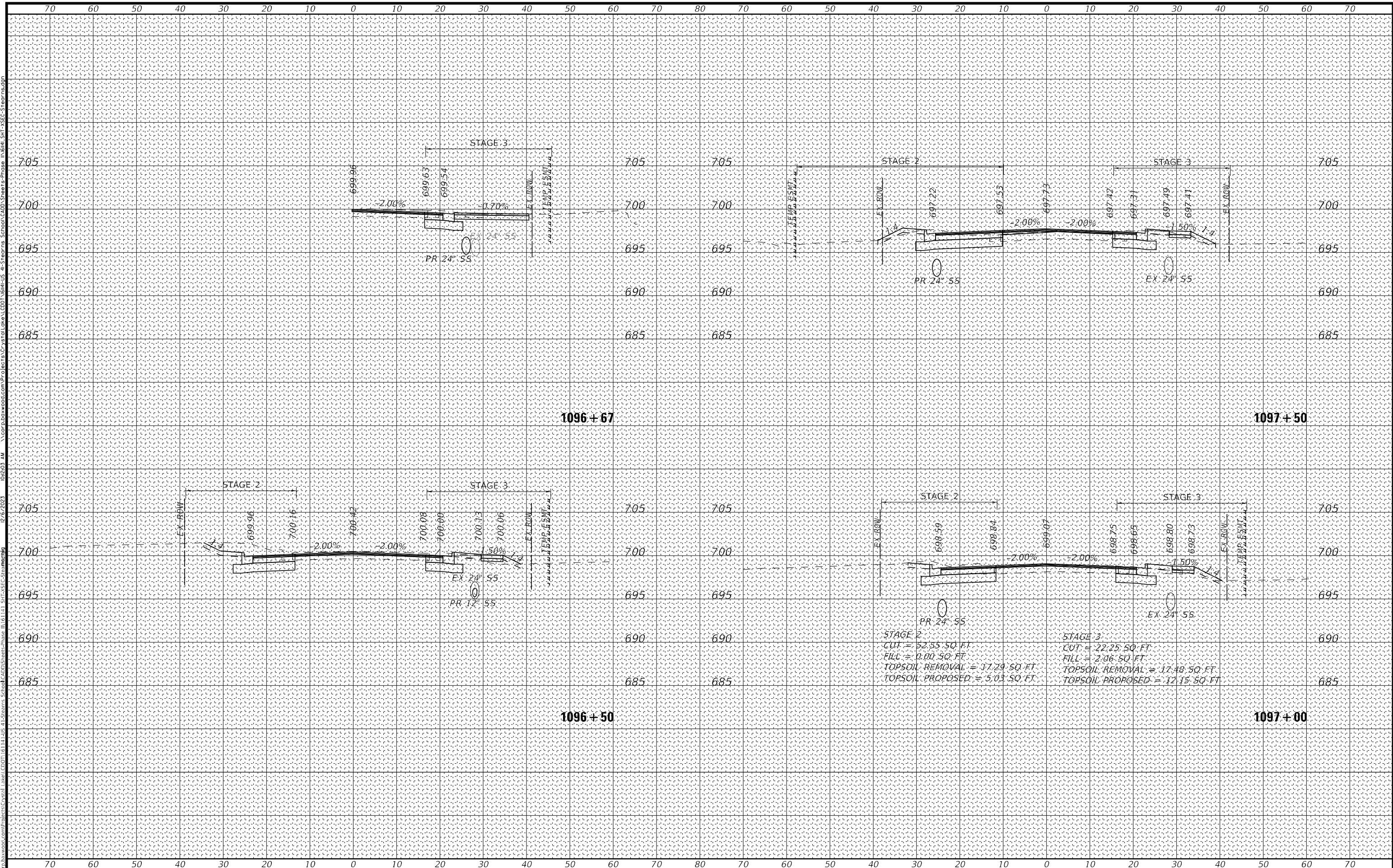
CROSS SECTIONS
STEARNS SCHOOL ROAD - STAGE 2 & 3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	153
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	
SURVEYED	DATE
PLOTTED	BY
TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	
SURVEYED	DATE
PLOTTED	BY
TEMPLATE	
AREAS CHECKED	
NO.	

STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM: PLOT DATE: 12/6/2023 EXPIRES 7/30/2019 ... PROJECT: STEARNS SCHOOL ROAD - STAGE 2 & 3 ... SHEET: 173 OF 154 ... CONTRACT NO. 62W53

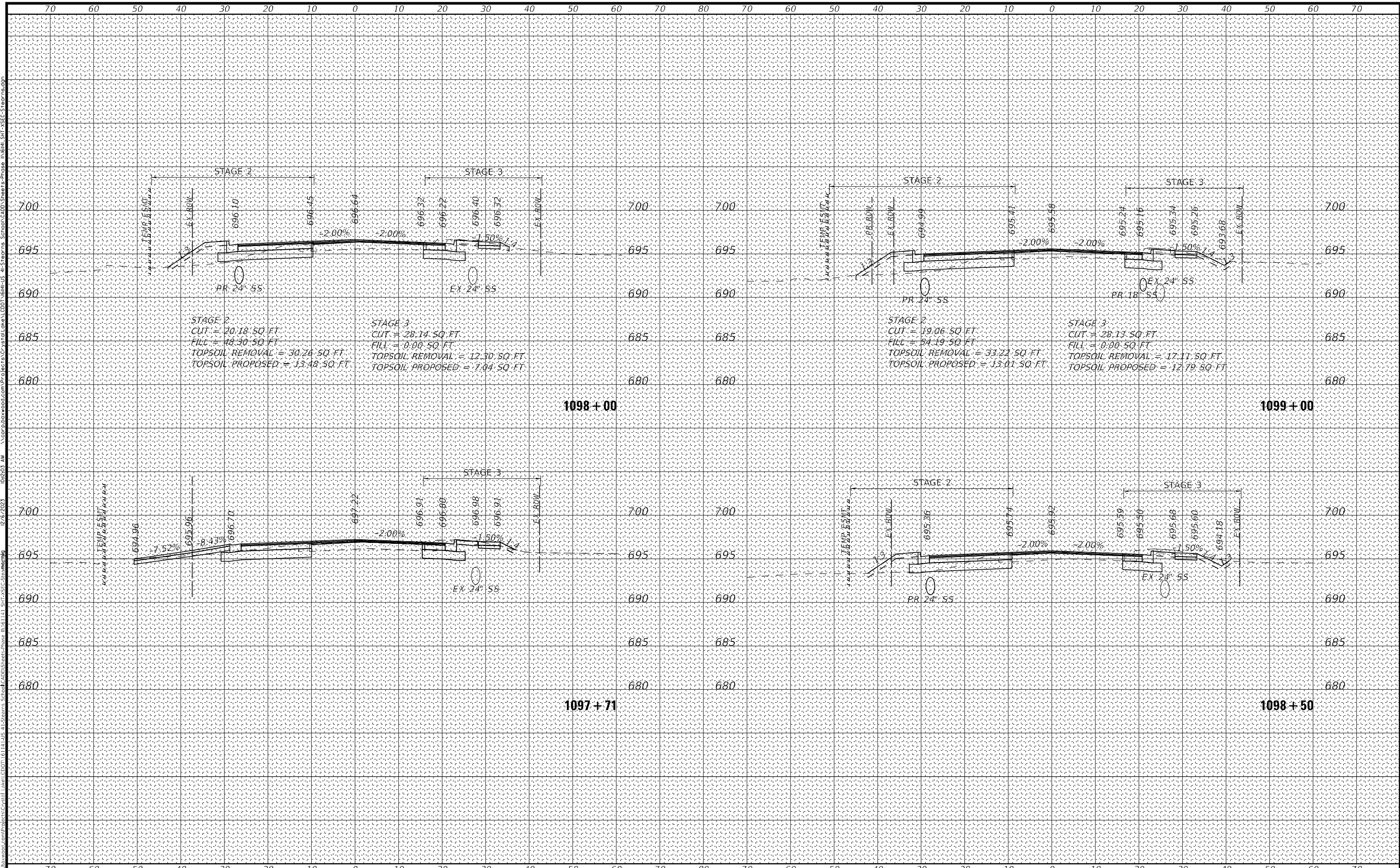


BAXTER & WOODMAN Consulting Engineers	USER NAME = mmrllg DESIGNED - AMW DRAWN - MJO CHECKED - JJF DATE - 12/6/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION CROSS SECTIONS STEARNS SCHOOL ROAD - STAGE 2 & 3 SCALE: 1"=10', 1"=5" SHEET 2 OF 9 SHEETS STA. 1096+50 TO STA. 1097+00	F.A.P. RTE. 346 SECTION 2023-917-TL COUNTY LAKE TOTAL SHEETS 173 SHEET NO. 154 CONTRACT NO. 62W53 ILLINOIS FED. AID PROJECT
	PLOT SCALE = 20,0000' / in. PLOT DATE = 12/6/2023	DESIGNED - AMW DRAWN - MJO CHECKED - JJF DATE - 12/6/2023		

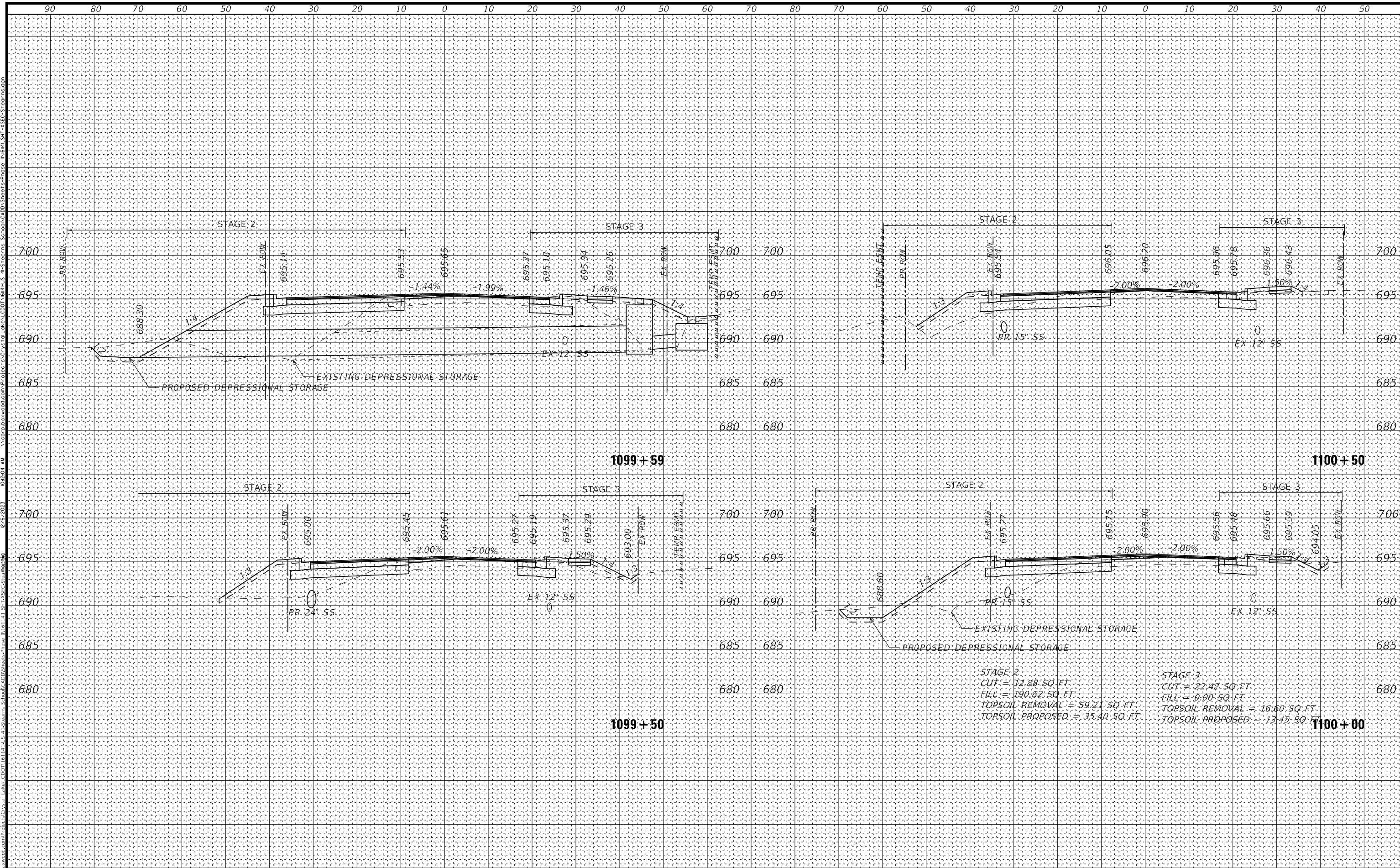
BY	DATE
SURVEYED	
PLOTTED	
TEMPERATURE	
AREAS CHECKED	
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ORIGINAL	DATE
SURVEYED	
PLOTTED	
TEMPERATURE	
AREAS CHECKED	
NO.	

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM\PICTOR\A\pdf-BM\Default.plt
 LICENSE NO. 184-00121 - EXPIRES 4/30/2019
 LICENSE NO. 12672823 - EXPIRES 12/6/2023



	USER NAME = mornig	DESIGNED - AMW	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS STEARNS SCHOOL ROAD - STAGE 2 & 3</p>	F.A.P. RTE. = 346	SECTION = 2023-917-TL	COUNTY = LAKE	TOTAL SHEETS = 173	SHEET NO. = 155	
	PLOT SCALE = 20,0000' / in.	CHECKED - JIF	REVISED -		SCALE: 1"=10'.1"=5"	SHEET 3	OF 9 SHEETS	STA. 1097+71	TO STA. 1098+50	CONTRACT NO. 62W53
	PLOT DATE = 12/6/2023	DATE = 12/6/2023	REVISED -		ILLINOIS FED. AID PROJECT					



STAGE 2
 CUT = 12.88 SQ. FT.
 FILL = 190.82 SQ. FT.
 TOPSOIL REMOVAL = 59.21 SQ. FT.
 TOPSOIL PROPOSED = 35.40 SQ. FT.

STAGE 3
 CUT = 22.42 SQ. FT.
 FILL = 0.00 SQ. FT.
 TOPSOIL REMOVAL = 16.60 SQ. FT.
 TOPSOIL PROPOSED = 13.45 SQ. FT.



USER NAME = mmorlg	DESIGNED - AMW	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 12/6/2023	CHECKED - JJF	REVISED -
	DATE - 12/6/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
STEARNS SCHOOL ROAD - STAGE 2 & 3

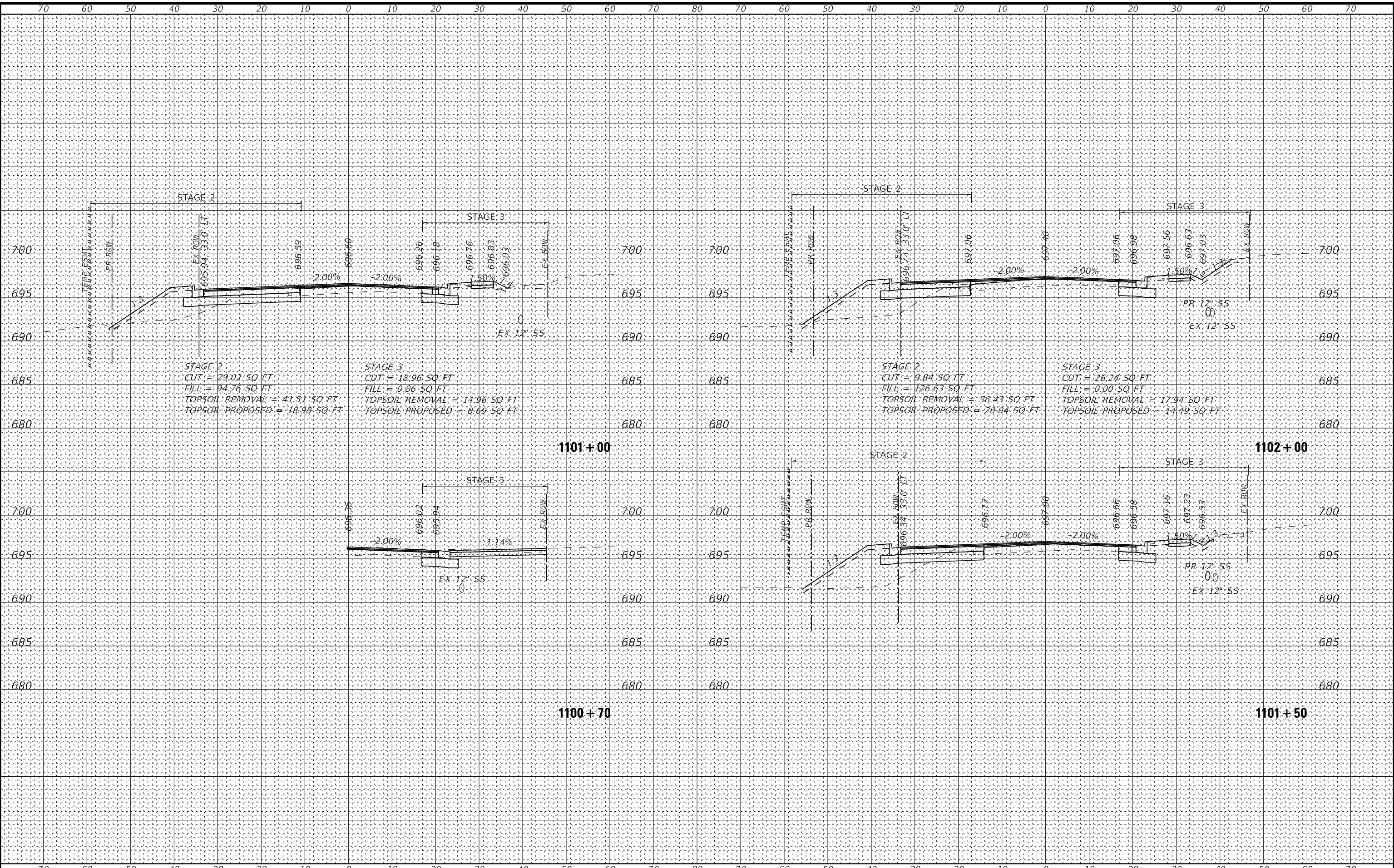
SCALE: 1"=10', 1"=5"
 SHEET 4 OF 9 SHEETS
 STA. 1099+50 TO STA. 1100+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	156
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT				

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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

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 LICENSE NO. 184-080121 - EXPIRES 4/30/2019
 LICENSE NO. 12672823 - EXPIRES 12/31/2023
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USER NAME = mmorrig	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

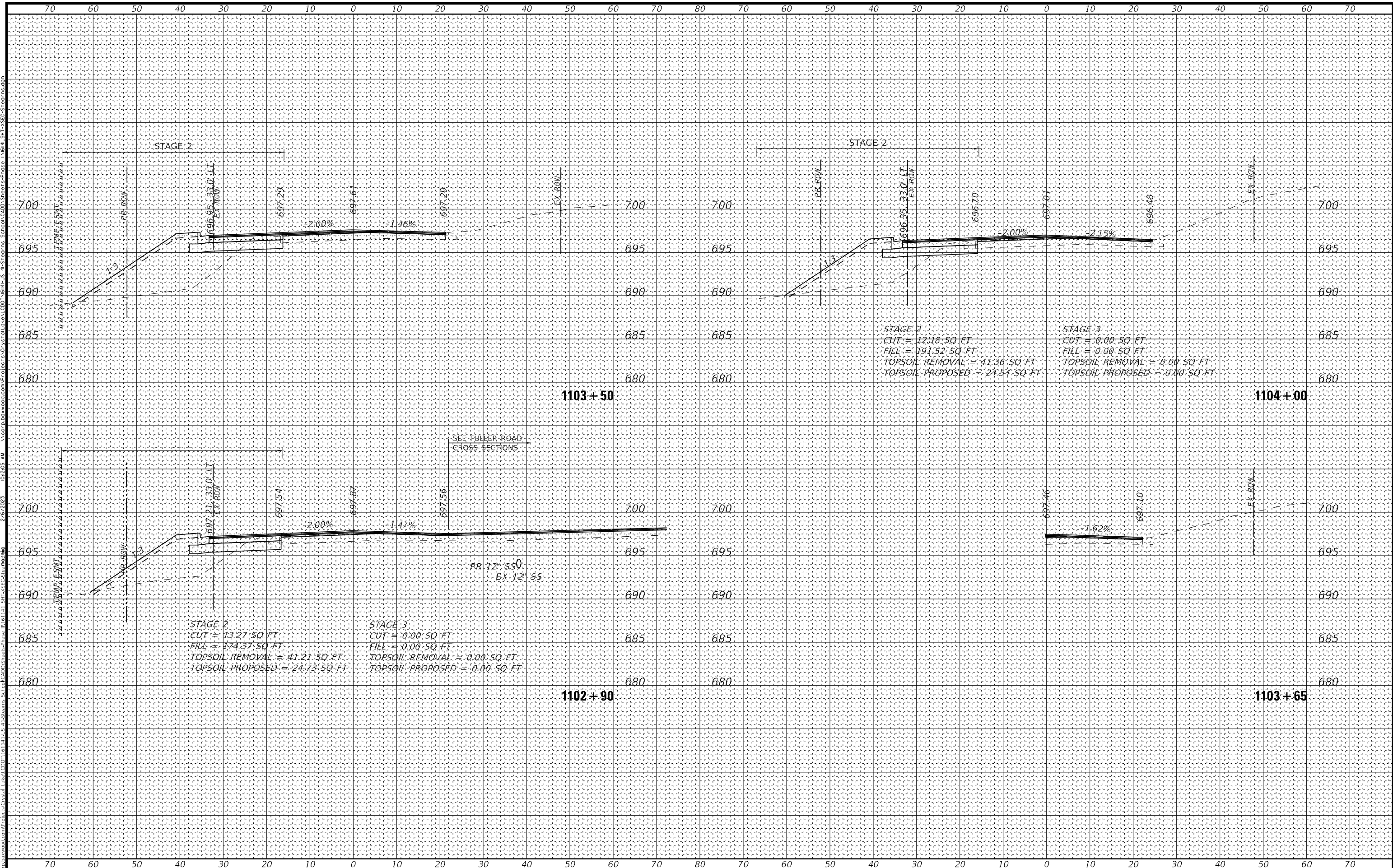
CROSS SECTIONS STEARNS SCHOOL ROAD - STAGE 2 & 3		
SCALE: 1"=10', 1"=5"	SHEET 5 OF 9 SHEETS	STA. 1100+70 TO STA. 1101+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	157
			CONTRACT NO. 62W53	
ILLINOIS FED. AID PROJECT				

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

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

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STAGE 2
 CUT = 12.18 SQ. FT.
 FILL = 191.52 SQ. FT.
 TOPSOIL REMOVAL = 41.36 SQ. FT.
 TOPSOIL PROPOSED = 24.54 SQ. FT.

STAGE 3
 CUT = 0.00 SQ. FT.
 FILL = 0.00 SQ. FT.
 TOPSOIL REMOVAL = 0.00 SQ. FT.
 TOPSOIL PROPOSED = 0.00 SQ. FT.

STAGE 2
 CUT = 13.27 SQ. FT.
 FILL = 174.37 SQ. FT.
 TOPSOIL REMOVAL = 41.21 SQ. FT.
 TOPSOIL PROPOSED = 24.73 SQ. FT.

STAGE 3
 CUT = 0.00 SQ. FT.
 FILL = 0.00 SQ. FT.
 TOPSOIL REMOVAL = 0.00 SQ. FT.
 TOPSOIL PROPOSED = 0.00 SQ. FT.

SEE FULLER ROAD
 CROSS SECTIONS

PR 12" SS0
 EX 12" SS



USER NAME =	morrig	DESIGNED -	AMW	REVISED -	
		DRAWN -	MJO	REVISED -	
PLOT SCALE =	20,0000' / in.	CHECKED -	JJF	REVISED -	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

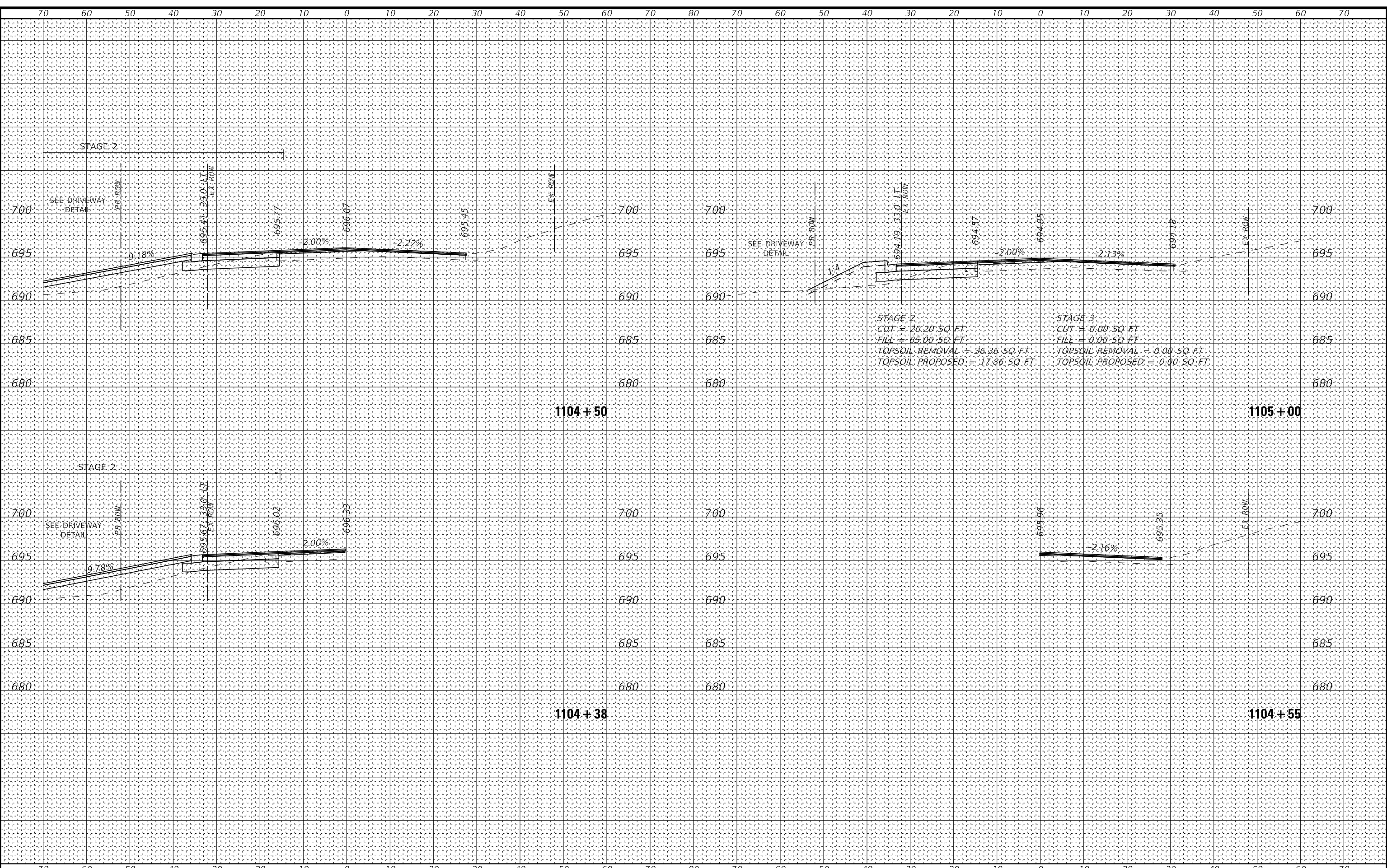
CROSS SECTIONS		
STEARNS SCHOOL ROAD - STAGE 2 & 3		
SCALE: 1"=10', 1"=5"	SHEET 6 OF 9 SHEETS	STA. 1102+90 TO STA. 1103+65

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	158
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT				

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

FINAL SURVEY		BY		DATE	
SURVEYED	PLOTTED				
NOTE BOOK	TEMPLATE				
AREAS CHECKED					
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DATE: 12/6/2023



BY		DATE	
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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM	PLANNING	NO.	
EXPIRES 4/30/2019	2	PEN-THI	
12/6/2023	06206	AV	

BY		DATE	
SURVEYED	TEMPLETE		
PLOTTED	AREAS CHECKED		
NO.			

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM	PLANNING	NO.	
EXPIRES 4/30/2019	2	PEN-THI	
12/6/2023	06206	AV	

USER NAME	=	mornllg
DESIGNED	-	AMW
DRAWN	-	MJO
CHECKED	-	JJF
DATE	-	12/6/2023

DESIGNED	-	AMW
DRAWN	-	MJO
CHECKED	-	JJF
DATE	-	12/6/2023

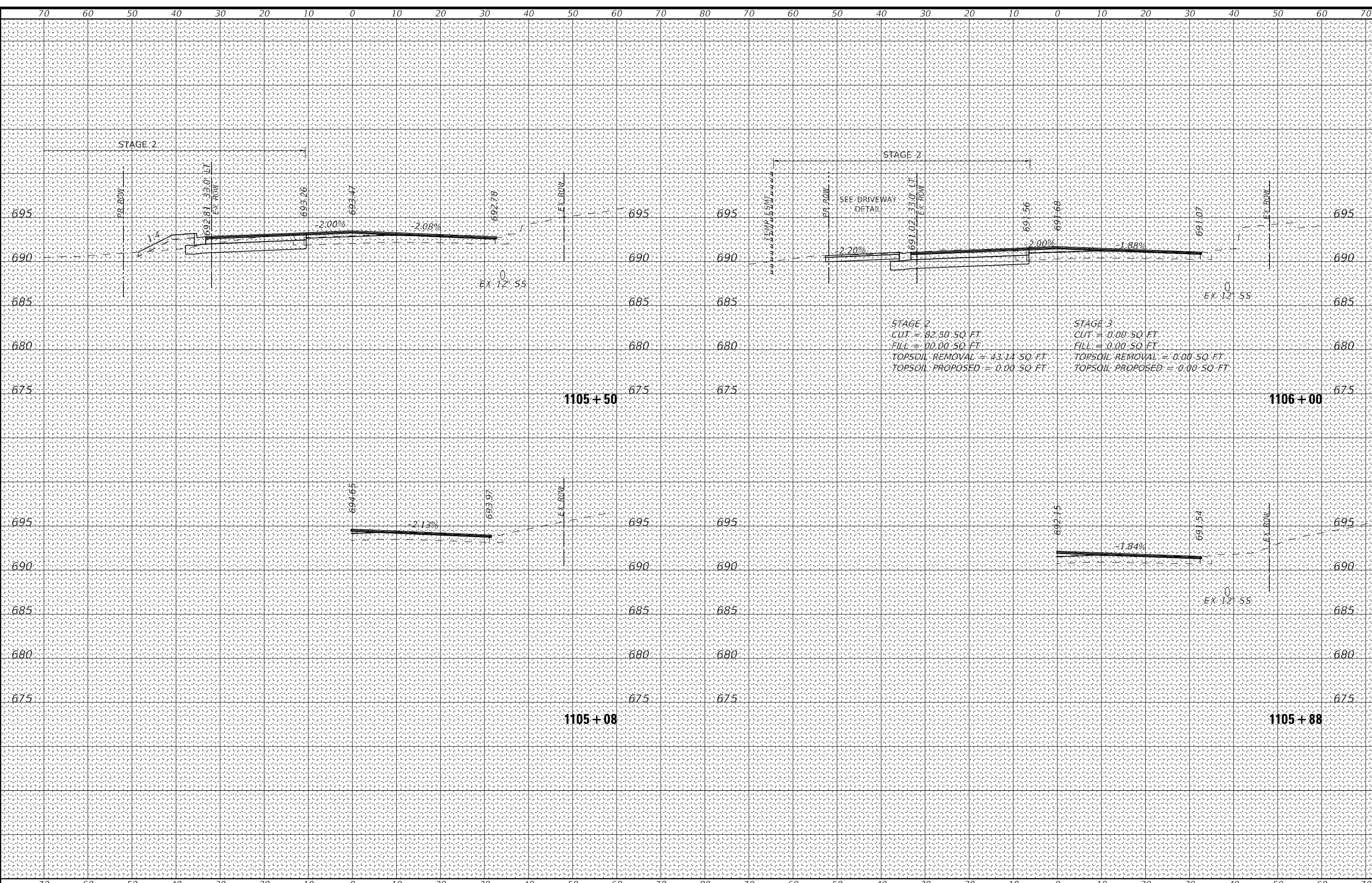
REVISIONS	
NO.	
DATE	
DESCRIPTION	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
STEARNS SCHOOL ROAD - STAGE 2 & 3**

SCALE: 1"=10', 1"=5"
SHEET 8 OF 9 SHEETS
STA. 1105+08 TO STA. 1105+88

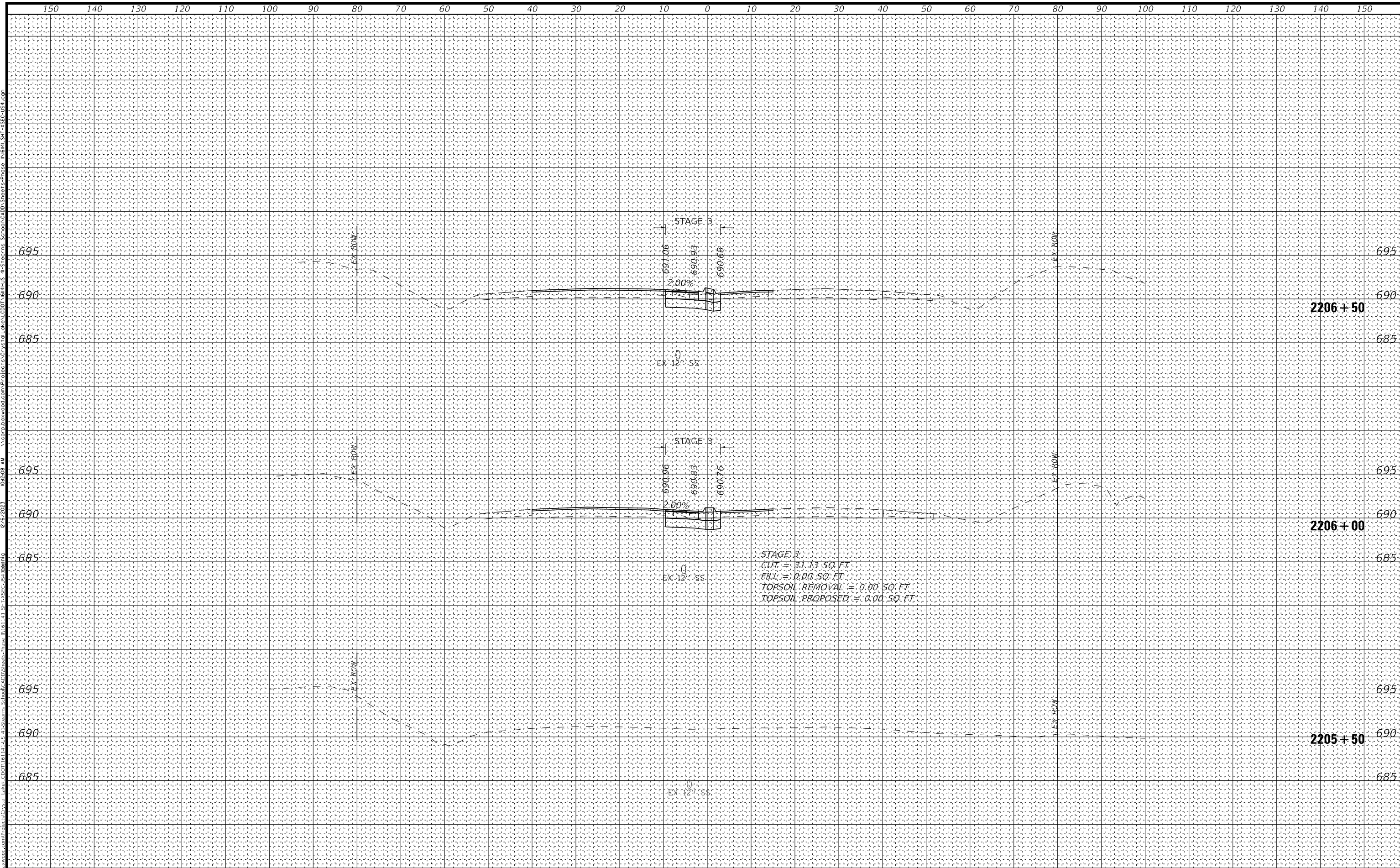
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	160
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT				



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

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

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STAGE 3
 CUT = 31.13 SQ. FT.
 FILL = 0.00 SQ. FT.
 TOPSOIL REMOVAL = 0.00 SQ. FT.
 TOPSOIL PROPOSED = 0.00 SQ. FT.



USER NAME =	morrig	DESIGNED -	AMW	REVISED -	
		DRAWN -	MJO	REVISED -	
PLOT SCALE =	20,0000' / in.	CHECKED -	JJF	REVISED -	
PLOT DATE =	12/6/2023	DATE -	12/6/2023	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

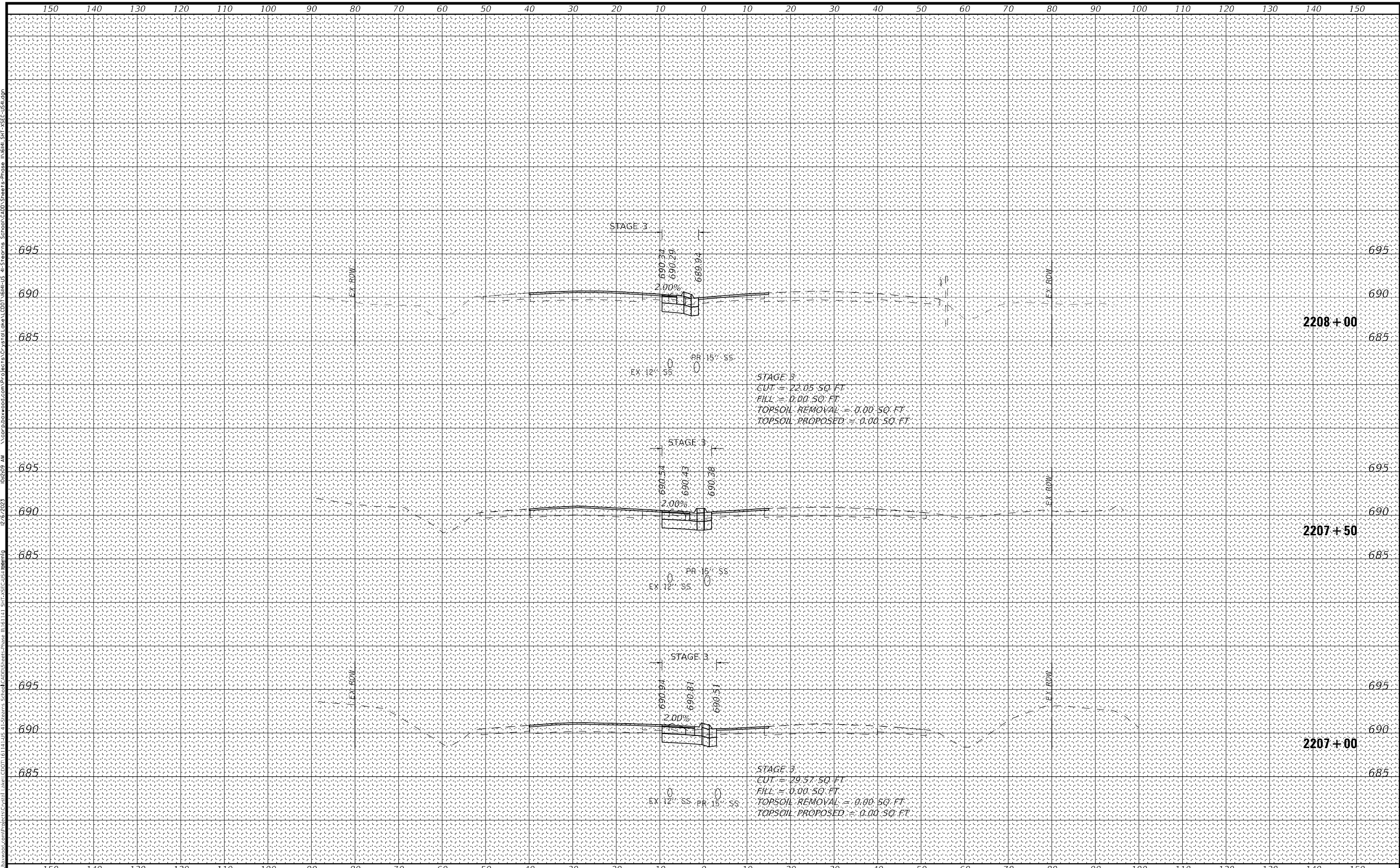
CROSS SECTIONS
 U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3
 SCALE: 1"=10', 1"=5" SHEET 1 OF 11 SHEETS STA. 2205+50 TO STA. 2206+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	161
				CONTRACT NO. 62W53
				ILLINOIS FED. AID PROJECT

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

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

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USER NAME = mornlg	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,000' / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3

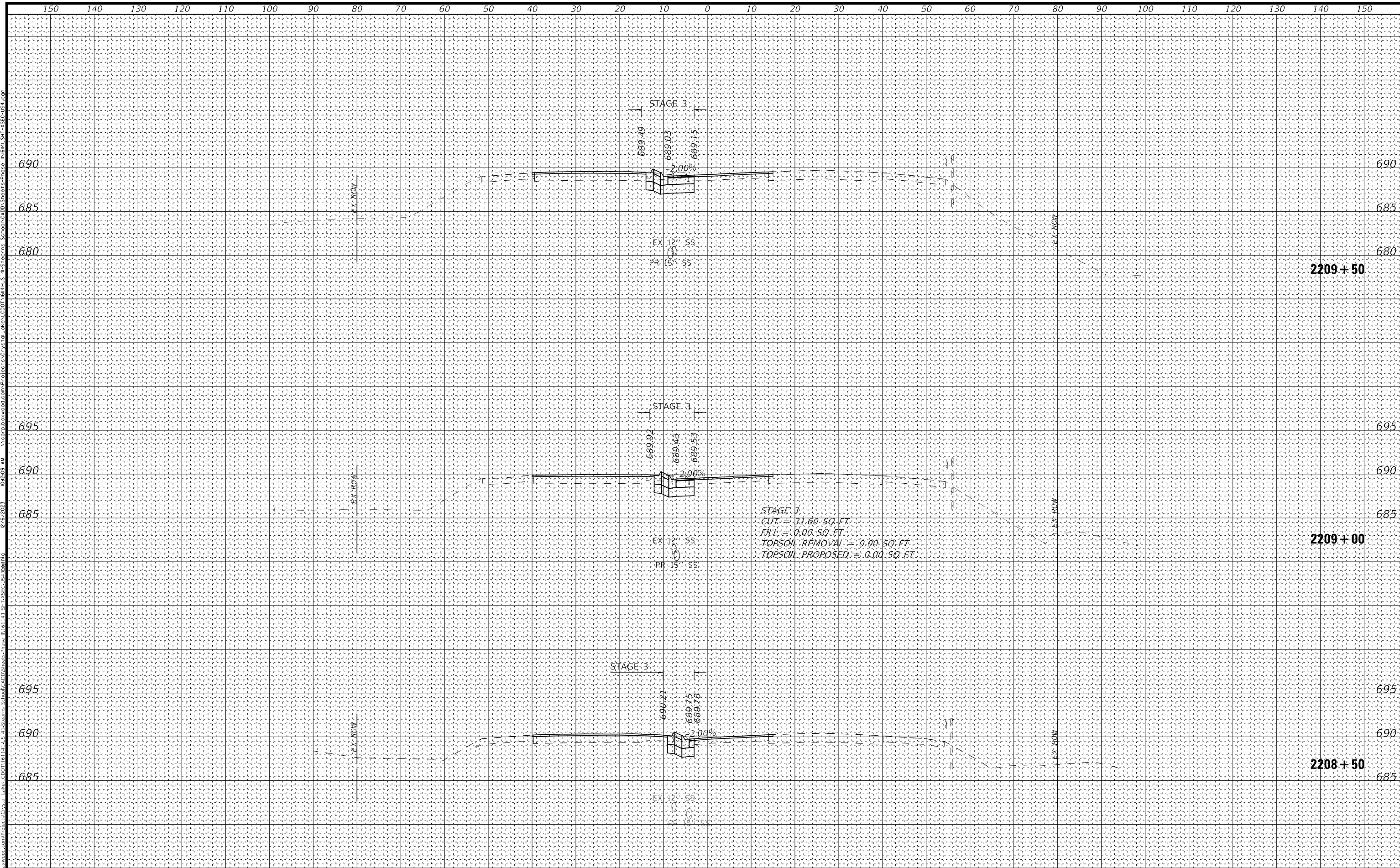
SCALE: 1"=10', 1"=5" SHEET 2 OF 11 SHEETS STA. 2207+00 TO STA. 2208+00

F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 162
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT				

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

DATE	
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NOTE BOOK	PLOTTED
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 SHEET: 3 OF 11



USER NAME =	mornlg	DESIGNED -	AMW	REVISED -	
		DRAWN -	MJO	REVISED -	
PLOT SCALE =	20,0000' / in.	CHECKED -	JJF	REVISED -	
PLOT DATE =	12/6/2023	DATE -	12/6/2023	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3
 SCALE: 1"=10', 1"=5" SHEET 3 OF 11 SHEETS STA. 2208+50 TO STA. 2209+50

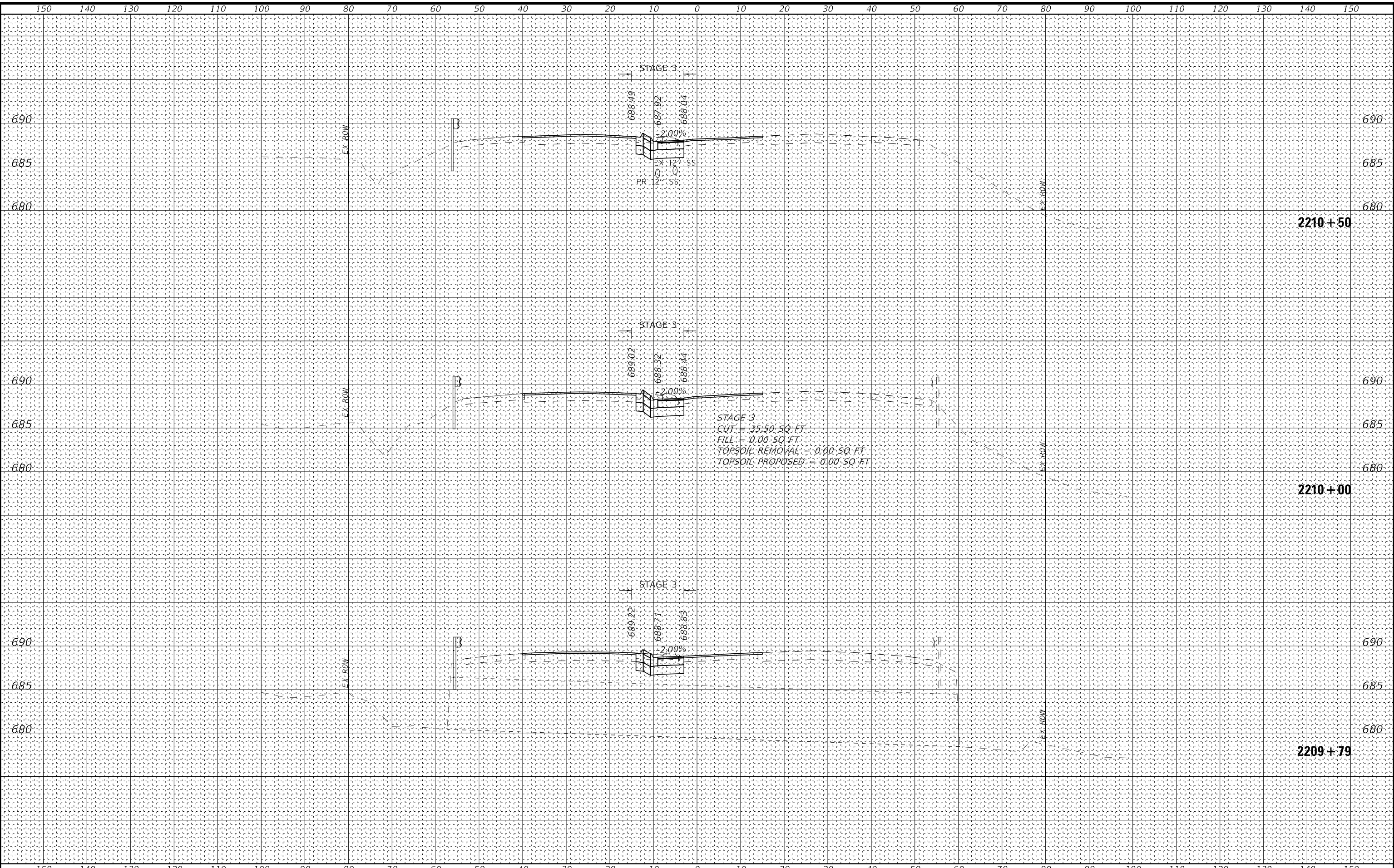
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	163
				CONTRACT NO. 62W53
				ILLINOIS FED. AID PROJECT

DATE	
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SURVEYED	
PLOTTED	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DATE	
BY	
DATE	
SURVEYED	
PLOTTED	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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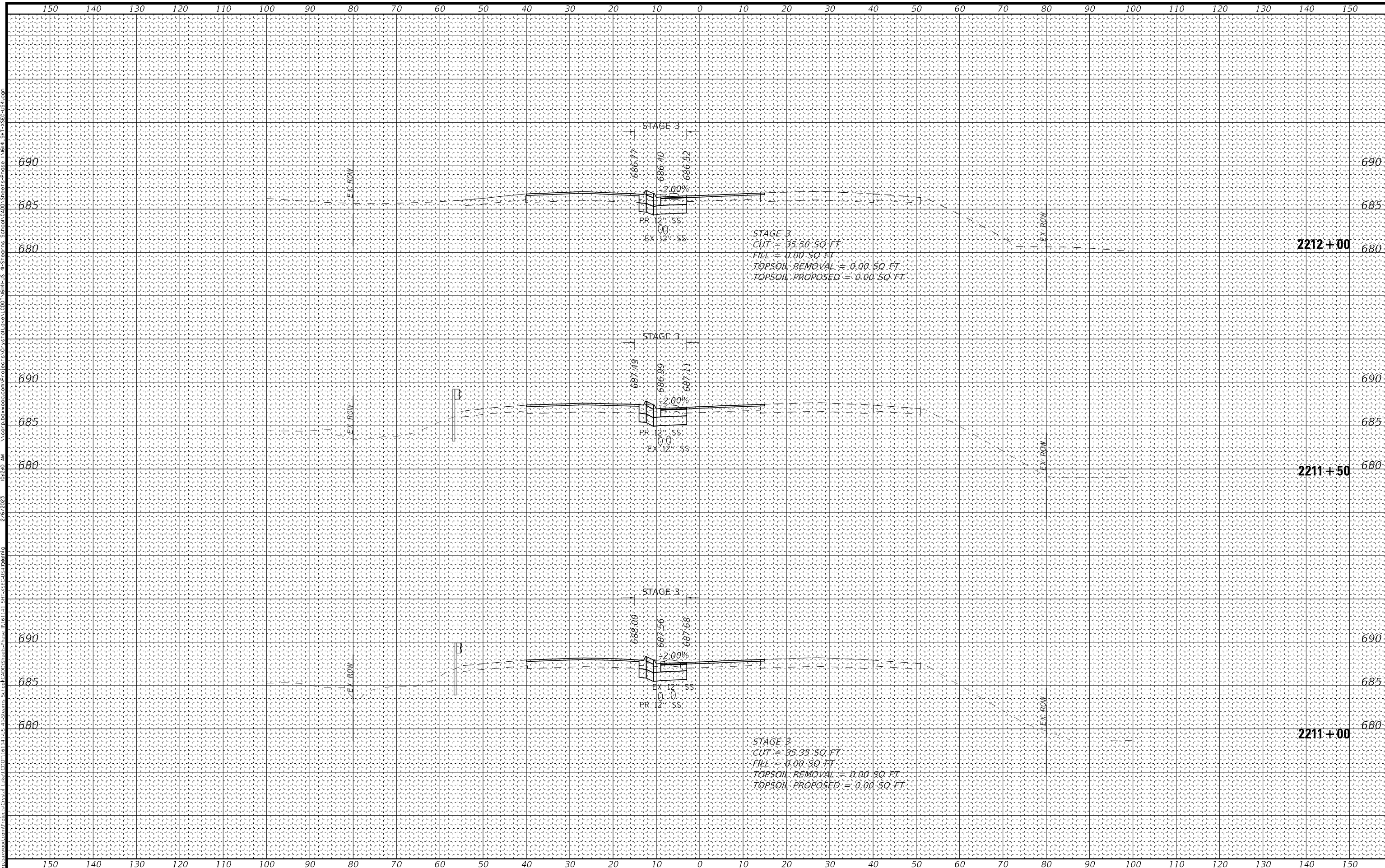


BAXTER & WOODMAN	USER NAME = mornlg	DESIGNED - AMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3				F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 164
	PLOT SCALE = 20,0000' / in.	CHECKED - JJF	REVISED -				SCALE: 1"=10', 1"=5'	SHEET 4 OF 11 SHEETS	STA. 2209+79	TO STA. 2210+50	CONTRACT NO. 62W53				
PLOT DATE = 12/6/2023	DATE - 12/6/2023	REVISED -					ILLINOIS FED. AID PROJECT								

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

DATE	
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NOTE BOOK	
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USER NAME =	morr1g	DESIGNED -	AMW	REVISED -	
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PLOT SCALE =	20,0000' / in.	CHECKED -	JJF	REVISED -	
PLOT DATE =	12/6/2023	DATE -	12/6/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
U.S. RTE 41 (SKOKIE HIGHWAY) – STAGE 1A, 1B, & 3**

SCALE: 1"=10', 1"=5" SHEET 5 OF 11 SHEETS STA. 2211+00 TO STA. 2212+00

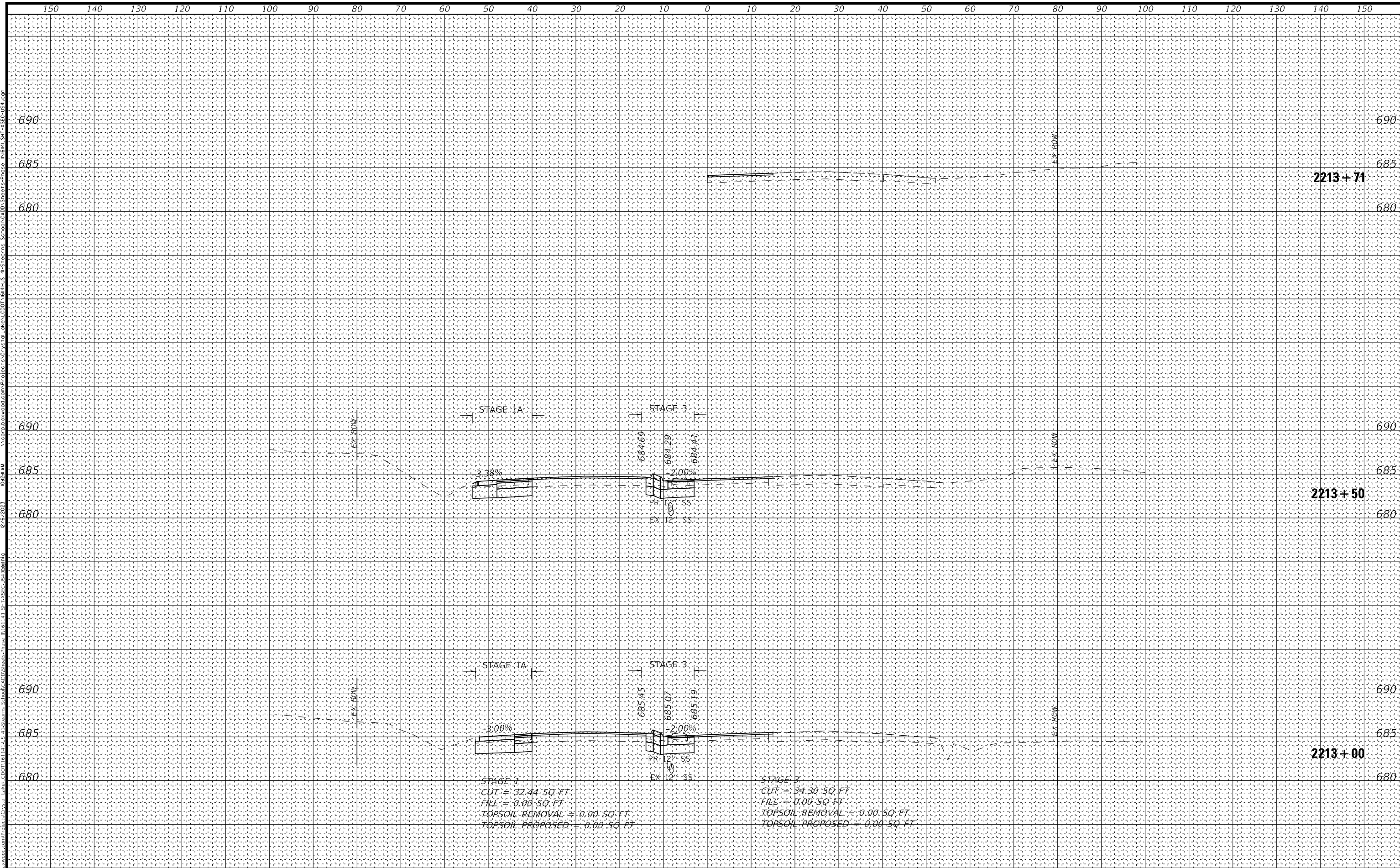
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	165
				CONTRACT NO. 62W53

ILLINOIS FED. AID PROJECT

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

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

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM: PLOT OF ADF-BK-Default.plt
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 PROJECT: Crystal Lake CD0116114-05_41 Streams_Skokie\Stage 1B.dwg
 SHEET: 7 OF 11 SHEETS
 STA. 2213+00 TO STA. 2213+71



STAGE 1A
 CUT = 32.44 SQ. FT.
 FILL = 0.00 SQ. FT.
 TOPSOIL REMOVAL = 0.00 SQ. FT.
 TOPSOIL PROPOSED = 0.00 SQ. FT.

STAGE 1B
 CUT = 34.30 SQ. FT.
 FILL = 0.00 SQ. FT.
 TOPSOIL REMOVAL = 0.00 SQ. FT.
 TOPSOIL PROPOSED = 0.00 SQ. FT.



USER NAME =	morrig	DESIGNED -	AMW	REVISED -	
		DRAWN -	MJO	REVISED -	
PLOT SCALE =	20,0000' / in.	CHECKED -	JJF	REVISED -	
PLOT DATE =	12/6/2023	DATE -	12/6/2023	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

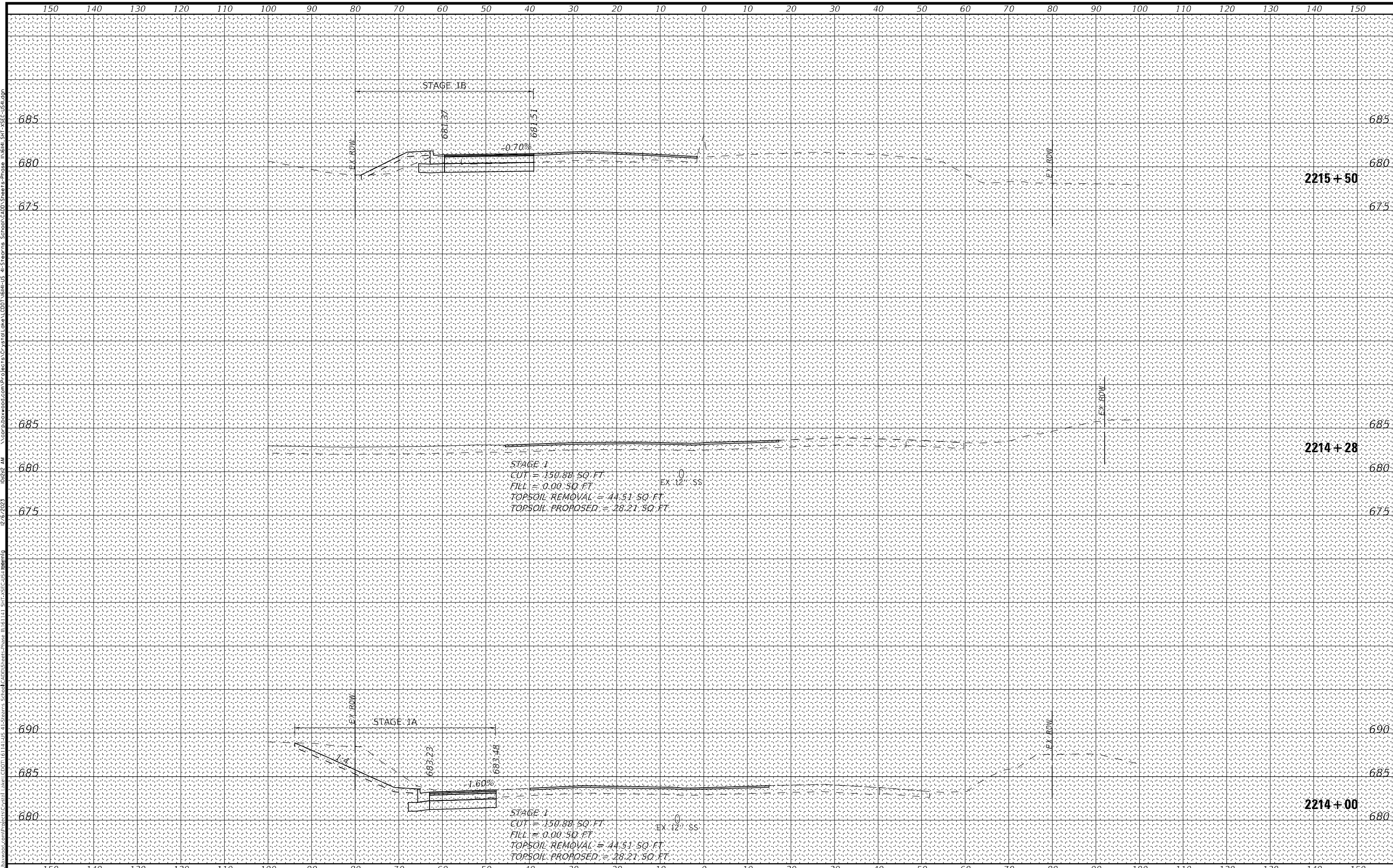
CROSS SECTIONS
 U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3
 SCALE: 1"=10', 1"=5" SHEET 7 OF 11 SHEETS STA. 2213+00 TO STA. 2213+71

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	167
				CONTRACT NO. 62W53
				ILLINOIS FED. AID PROJECT

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

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

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM \Pictor\Apdf-BM-Default.plt
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PLOT DATE =	12/6/2023	CHECKED -	JJF	REVISED -	
		DATE -	12/6/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3**

SCALE: 1"=10', 1"=5" SHEET 8 OF 11 SHEETS STA. 2214+00 TO STA. 2215+50

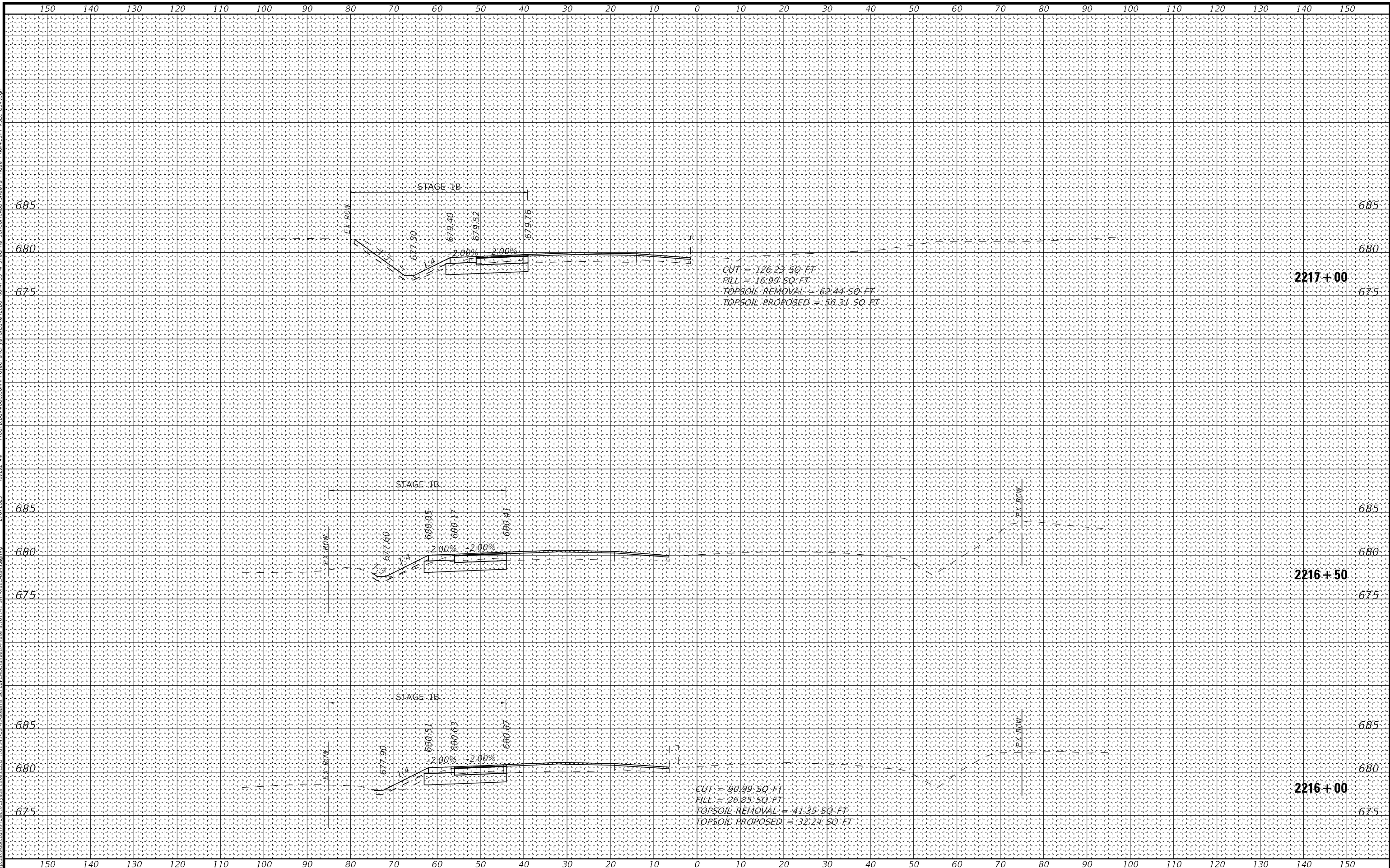
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	168
				CONTRACT NO. 62W53
ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	BY
ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	

DATE	BY
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

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 LICENSE NO. - 184-00121 - EXPIRES 4/30/2019
 LICENSE NO. - 02672823 - EXPIRES 12/31/2023
 LICENSE NO. - 02672823 - EXPIRES 12/31/2023



USER NAME =	morning	DESIGNED -	AMW	REVISED -	
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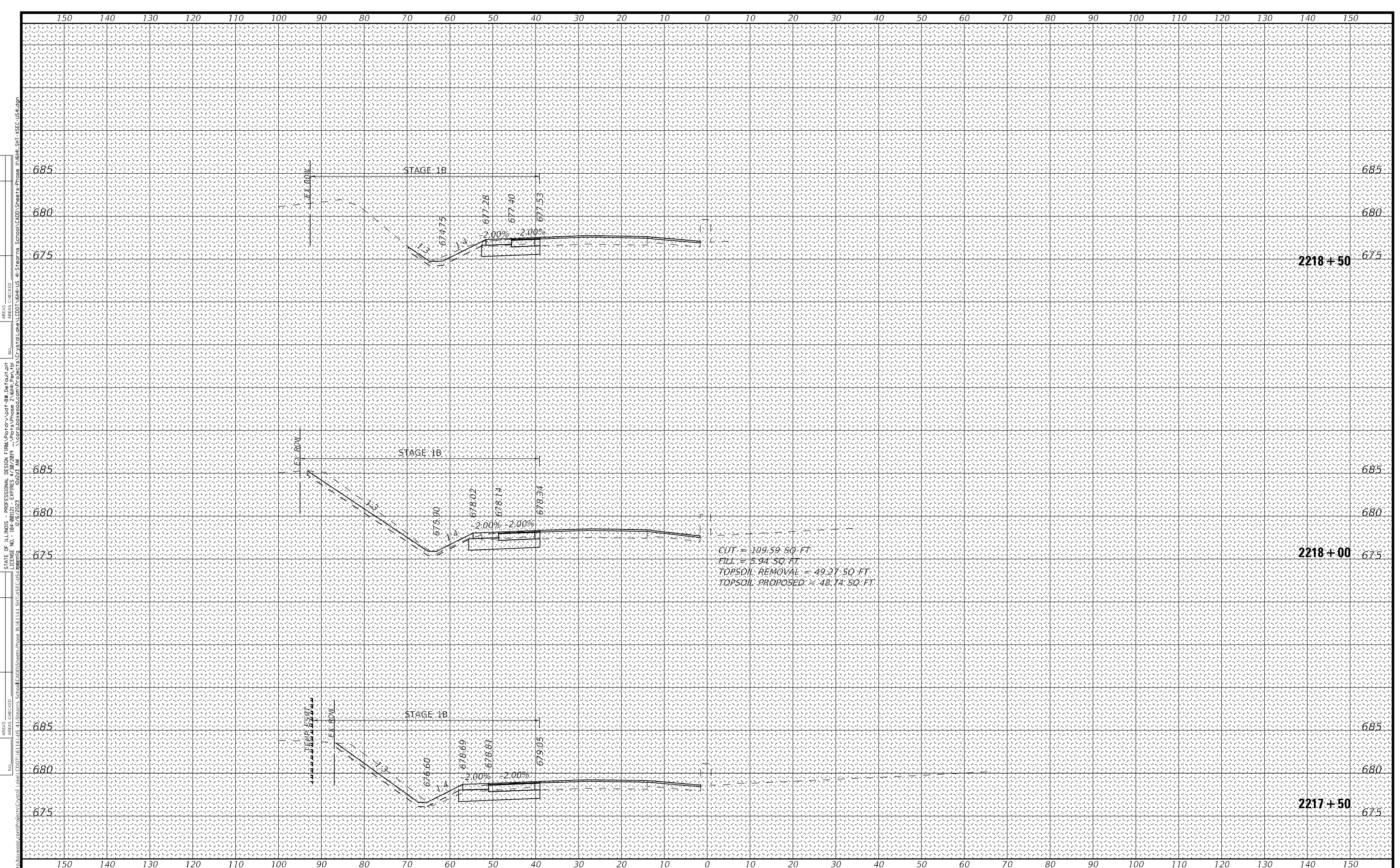
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3
 SCALE: 1"=10', 1"=5"
 SHEET 9 OF 11 SHEETS
 STA. 2216+00 TO STA. 2217+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	169
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT				

BY: _____ DATE: _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

ORIGINAL SURVEY _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



CUT = 109.59 SQ. FT.
 FILL = 5.94 SQ. FT.
 TOPSOIL REMOVAL = 49.27 SQ. FT.
 TOPSOIL PROPOSED = 48.74 SQ. FT.

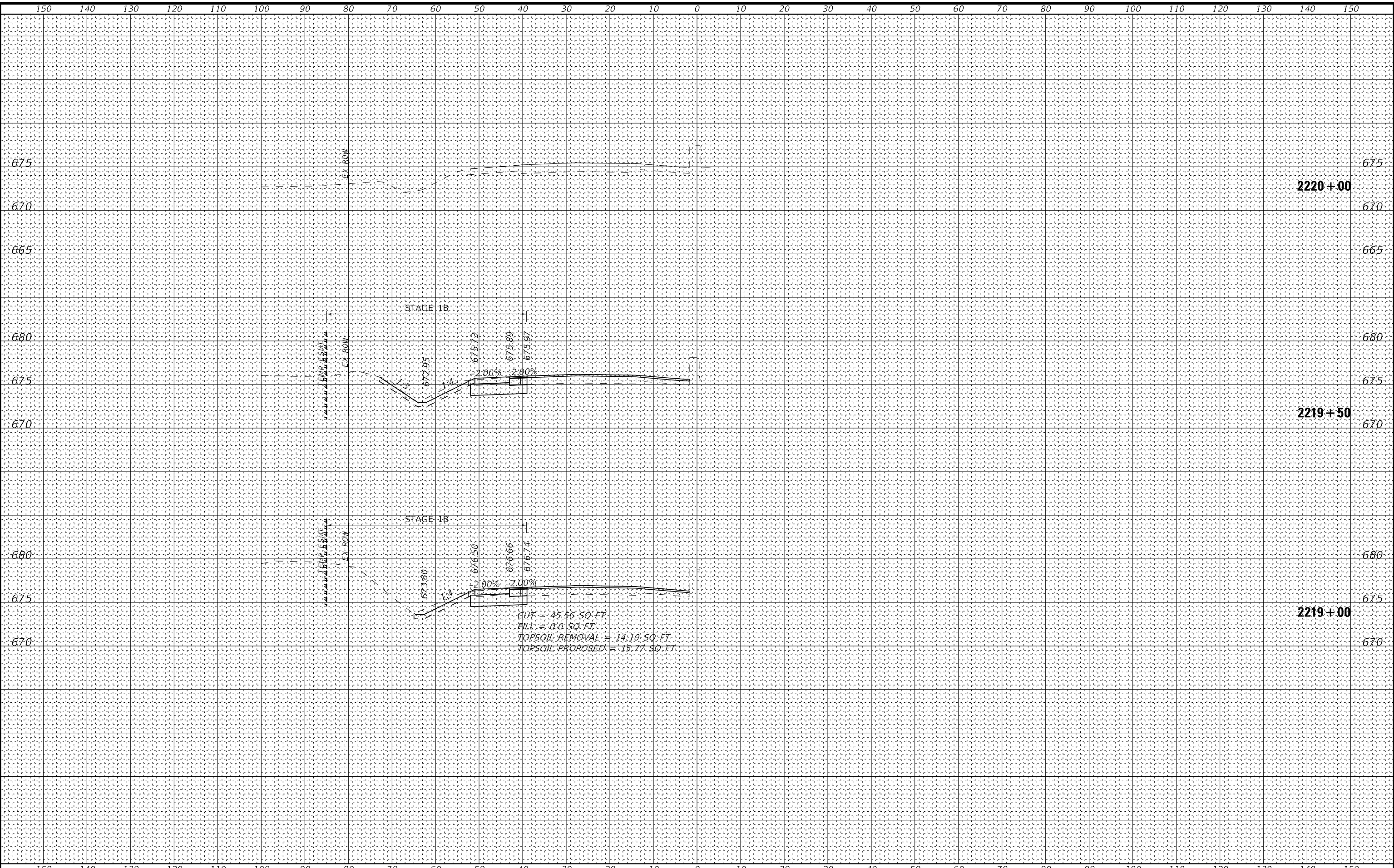
BAXTER & WOODMAN <small>Consulting Engineers</small>	USER NAME = morrig	DESIGNED - AMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3			F.A.P. RTE. 346 SECTION 2023-917-TL COUNTY LAKE TOTAL SHEETS 173 SHEET NO. 170 CONTRACT NO. 62W53	
	PLOT SCALE = 20,0000' / in.	CHECKED - JJF	REVISED -		SCALE: 1"=10', 1"=5'	SHEET 10	OF 11 SHEETS		STA. 2217+50 TO STA. 2218+50
	PLOT DATE = 12/6/2023	DATE - 12/6/2023	REVISED -						

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

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



BAXTER & WOODMAN
 Consulting Engineers

USER NAME = morrig	DESIGNED - AMW	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 12/6/2023	CHECKED - JJF	REVISED -
	DATE - 12/6/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 U.S. RTE 41 (SKOKIE HIGHWAY) - STAGE 1A, 1B, & 3

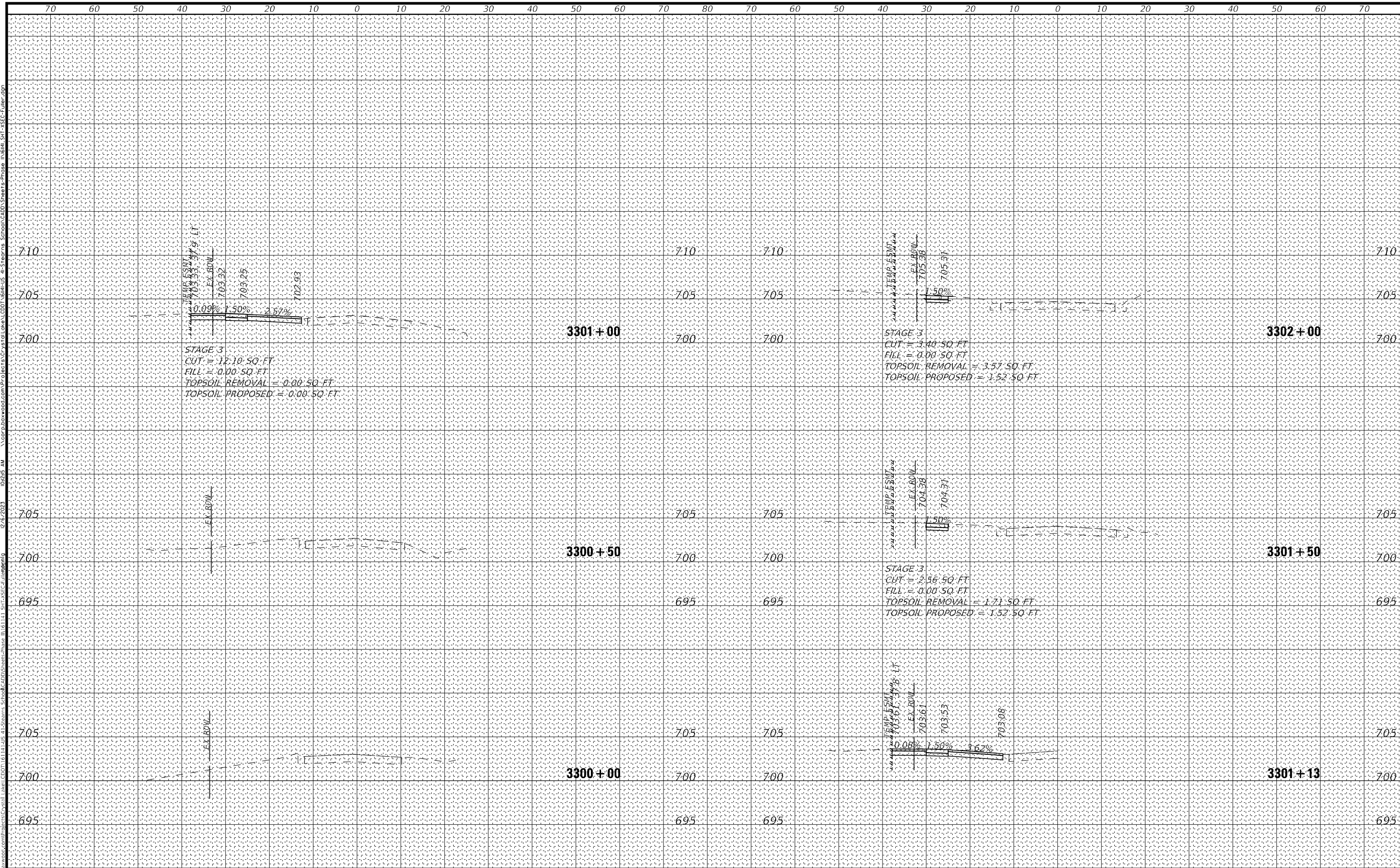
SCALE: 1"=10', 1"=5" SHEET 11 OF 11 SHEETS STA. 2219+00 TO STA. 2220+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	171
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT				

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

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NOTE BOOK	PLOTTED		
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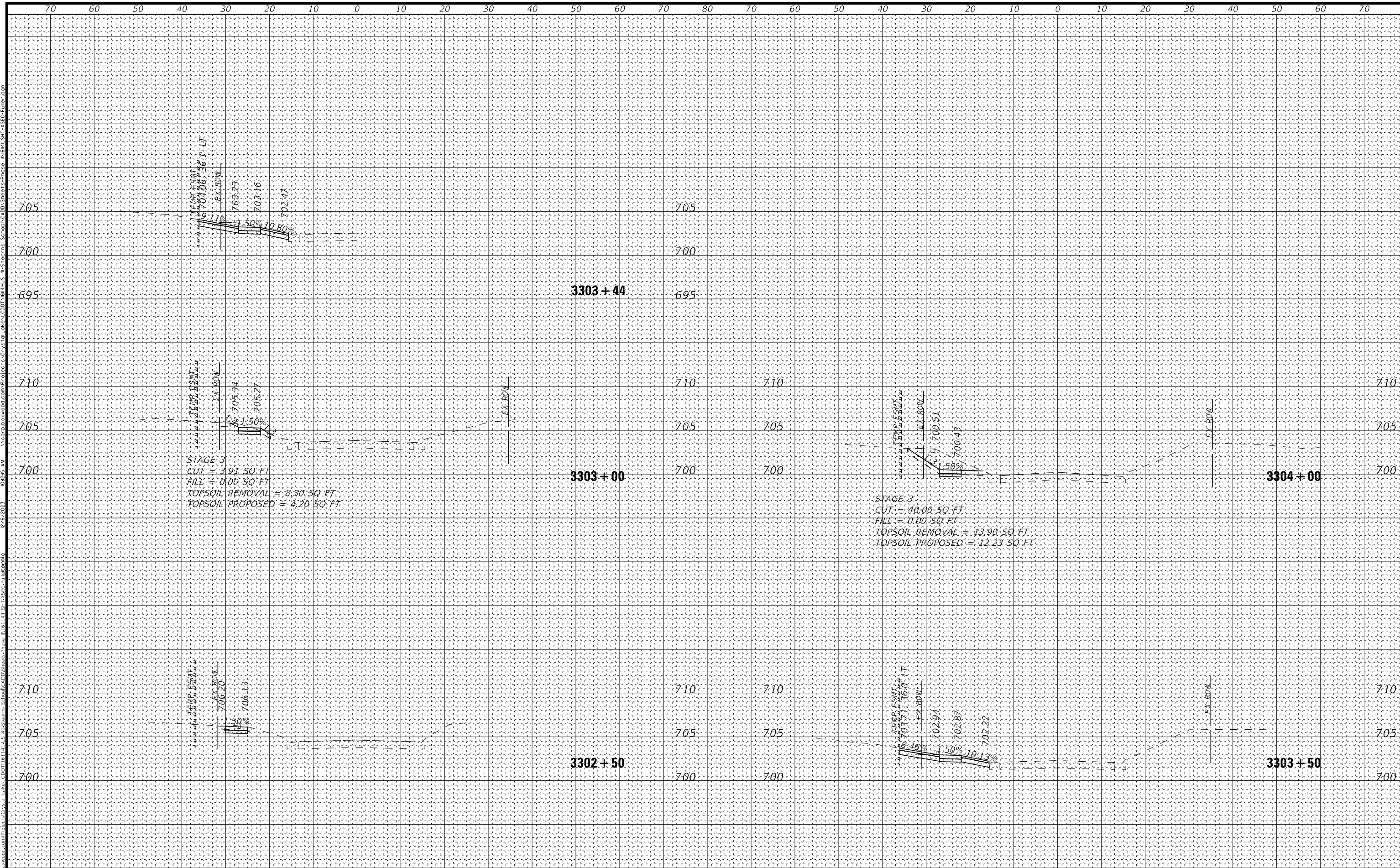


	USER NAME = mmorrig	DESIGNED - AMW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS FULLER ROAD - STAGE 3			F.A.P. RTE. 346	SECTION 2023-917-TL	COUNTY LAKE	TOTAL SHEETS 173	SHEET NO. 172	
	PLOT SCALE = 20,0000' / in.	CHECKED - JJF	REVISED -		SCALE: 1"=10', 1"=5"	SHEET 1	OF 2 SHEETS	STA. 3300+00	TO STA. 3302+00	CONTRACT NO. 62W53			
	PLOT DATE = 12/6/2023	DATE - 12/6/2023	REVISED -			ILLINOIS FED. AID PROJECT							

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPERATURE		
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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM - PLOT OF A.P. - BR. Default.plt
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USER NAME = mmorrig	DESIGNED - AMW	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JJF	REVISED -
PLOT DATE = 12/6/2023	DATE - 12/6/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
FULLER ROAD - STAGE 3
SCALE: 1"=10', 1"=5" SHEET 2 OF 2 SHEETS STA. 3302+50 TO STA. 3304+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2023-917-TL	LAKE	173	173
CONTRACT NO. 62W53				
ILLINOIS FED. AID PROJECT				