

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0379	119CH&TS	WILL/KENDALL	62	1
		ILLINOIS	CONTRACT NO. 62G10	

D-91-255-18



FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT LOCATED IN UNINCORPORATED NA-AU-SAY AND PLAINFIELD TOWNSHIPS.

TRAFFIC DATA

2019 ADT
IL-126 = 14,900

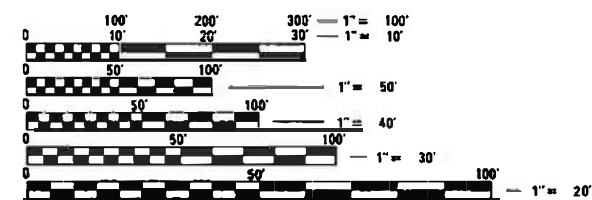
2019 ADT
COUNTY LINE ROAD = 10,400

POSTED SPEED LIMIT

IL-126 = 55 MPH

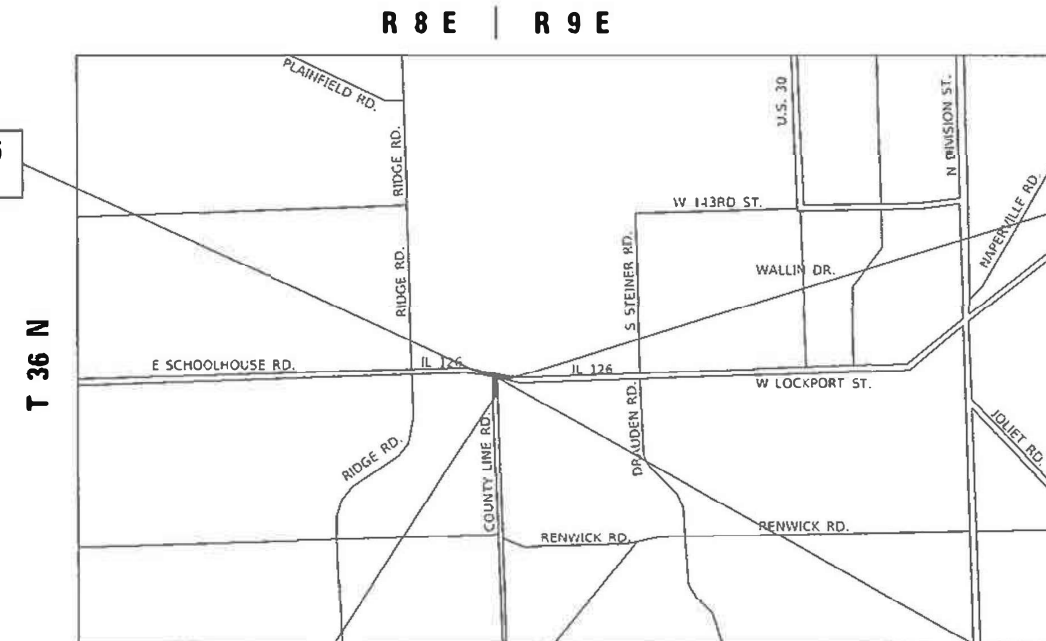
COUNTY LINE ROAD = 45 MPH

**PROPOSED
HIGHWAY PLANS**
FAU ROUTE 0379: IL ROUTE 126
AT COUNTY LINE ROAD
SECTION: 119CH&TS
PROJECT HSIP-STP-2JLK(820)
TRAFFIC SIGNAL INSTALLATION & CHANNELIZATION
KENDALL AND WILL COUNTY
C-91-142-18



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

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



BEGIN IMPROVEMENT - IL 126
STA 95+23

END IMPROVEMENT - IL 126
STA 107+53

BEGIN IMPROVEMENT - COUNTY LINE RD.
STA 421+02

END IMPROVEMENT - COUNTY LINE RD.
STA 425+00

IL 126: GROSS AND NET LENGTH = 1230 FT. = 0.23 MILE
COUNTY LINE ROAD: GROSS AND NET LENGTH = 445 FT. = 0.08 MILE
TOTAL GROSS AND NET LENGTH = 1675 FT = 0.31 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MAY 4 2021
Jose Rios (CR)
REGIONAL ENGINEER

June 25, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 25, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT MANAGER: ALAIN MIDY (847)221-3056
CONTRACT NO. 62G10

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 10% STATE 90% FED WILL CO	0004 10% STATE 90% FED KENDALL CO	0021 80% FED 13.3% STATE 6.7% TOWNSHIP	0021 100% TOWNSHIP	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	22	22				
20200100	EARTH EXCAVATION	CU YD	1002	701	301			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3382	2367.4	1014.6			
20800150	TRENCH BACKFILL	CU YD	30.3	30.3				
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	3099	2169.3	929.7			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	660	462	198			
* 25000210	SEEDING, CLASS 2A	ACRE	0.85	0.6	0.25			
* 25000310	SEEDING, CLASS 4	ACRE	0.85	0.6	0.25			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72	50.4	21.6			
K1005418	TEMPORARY SEEDING	ACRE	1.64	1.15	0.49			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72	50.4	21.6			
25100115	MULCH, METHOD 2	ACRE	1.64	1.15	0.49			
* 25100630	EROSION CONTROL BLANKET	SO YD	7961	5572.7	2388.3			
28000305	TEMPORARY DITCH CHECKS	FOOT	50	50				
* 28000400	PERIMETER EROSION BARRIER	FOOT	3196	2237.2	958.8			
* 28000510	INLET FILTERS	EACH	4	3	1			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2434	1703.8	730.2			

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 10% STATE 90% FED	0004 10% STATE 90% FED	0021 80% FED 13.3% STATE 6.7% TOWNSHIP	0021 100% TOWNSHIP	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	4878	3414.6	1463.4			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	1761	1232.7	528.3			
35501322	HOT-MIX ASPHALT BASE COURSE, 9 1/2"	SO YD	1732	1212.4	519.6			
35600714	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 1/2"	SO YD	282	197.4	84.6			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5377	3763.9	1613.1			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	12	8.4	3.6			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	35	24.5	10.5			
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	329	230.3	98.7			
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	781	546.7	234.3			
44000100	PAVEMENT REMOVAL	SO YD	1179	825.3	353.7			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	4690	3283	1407			
44201823	CLASS D PATCHES, TYPE I, 15 INCH	SO YD	20	14	6			
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SO YD	160	112	48			

* SPECIALTY ITEM REV-SEP

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 126 AT COUNTY LINE RD.
SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.	F.A.U. RTE. 379	SECTION 119CH&TS	COUNTY WILL/KENDALL	TOTAL SHEETS 61	SHEET NO. 4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								CONTRACT NO. 62G10

* SPECIALTY ITEM

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					*	SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0004 10% STATE 90% FED WILL CO	0004 10% STATE 90% FED KENDALL CO	0021 80% FED 13.3% STATE 6.7% TOWNSHIP	0021 100% TOWNSHIP	CODE NO		ITEM	UNIT	0004 10% STATE 90% FED		0004 10% STATE 90% FED	0021 80% FED 13.3% STATE 6.7% TOWNSHIP	0021 100% TOWNSHIP		
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SO YD	120	84	36			*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1170	819	351				
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SO YD	100	70	30			*	66900530	SOIL DISPOSAL ANALYSIS	EACH	12	8	4				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	864	604.8	259.2			*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	0.7	0.3				
54261615	CONCRETE END SECTION, STANDARD 542001, 15", 1:6	EACH	2	2				*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	0.7	0.3				
54261624	CONCRETE END SECTION, STANDARD 542001, 24", 1:6	EACH	2	1	1			*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	12	8	4				
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	40	40					67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	8	4				
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	55	38.5	16.5				67100100	MOBILIZATION	L SUM	1	0.7	0.3				
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	1	1				70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	14	6				
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	186	130.2	55.8				70300100	SHORT TERM PAVEMENT MARKING	FOOT	1455	1018.5	436.5				
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	3991	2793.7	1197.3				70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	545	399.5	145.5				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	797.5	558.3	239.2				70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	101.7	71.2	30.5				
* 63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	50	35	15				70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	7999	5599.3	2399.7				
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	3	1				70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	371	259.7	111.3				
									70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	106	74.2	31.8				

* SPECIALTY ITEM REV-SEP

* SPECIALTY ITEM

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					*	SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
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70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	74	51.8	22.2			*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	88	62	26				
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	7846	5492.2	2353.8			*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	200	140	60				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1250	875	375				78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	88	62	26				
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1250	875	375			*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	633			633			
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1				*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	169			169			
70600342	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1				*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	239			239			
* 72000100	SIGN PANEL - TYPE 1	SO FT	61.9	41	12.9	8			81400100	HANDHOLE	EACH	1			1			
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	42	35	7				81400200	HEAVY-DUTY HANDHOLE	EACH	5			5			
* 72000200	SIGN PANEL - TYPE 2	SO FT	21			21		*	81400300	DOUBLE HANDHOLE	EACH	1			1			
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	3	1				87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	256			256			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	101.7	71.2	30.5			*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1281			1281			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7999	5599.3	2399.7			*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	465			465			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	371	259.7	111.3			*										
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	106	74.2	31.8			*										
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	74	51.8	22.2													

* SPECIALTY ITEM REV-SEP

FILE NAME =	USER NAME = rthjp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 126 AT COUNTY LINE RD. SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100,0000' / 1in		DATE -	REVISED -			SCALE:		SHEET NO. 3 OF 5 SHEETS		STA.	TO STA.
PLOT DATE = 5/10/2021						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

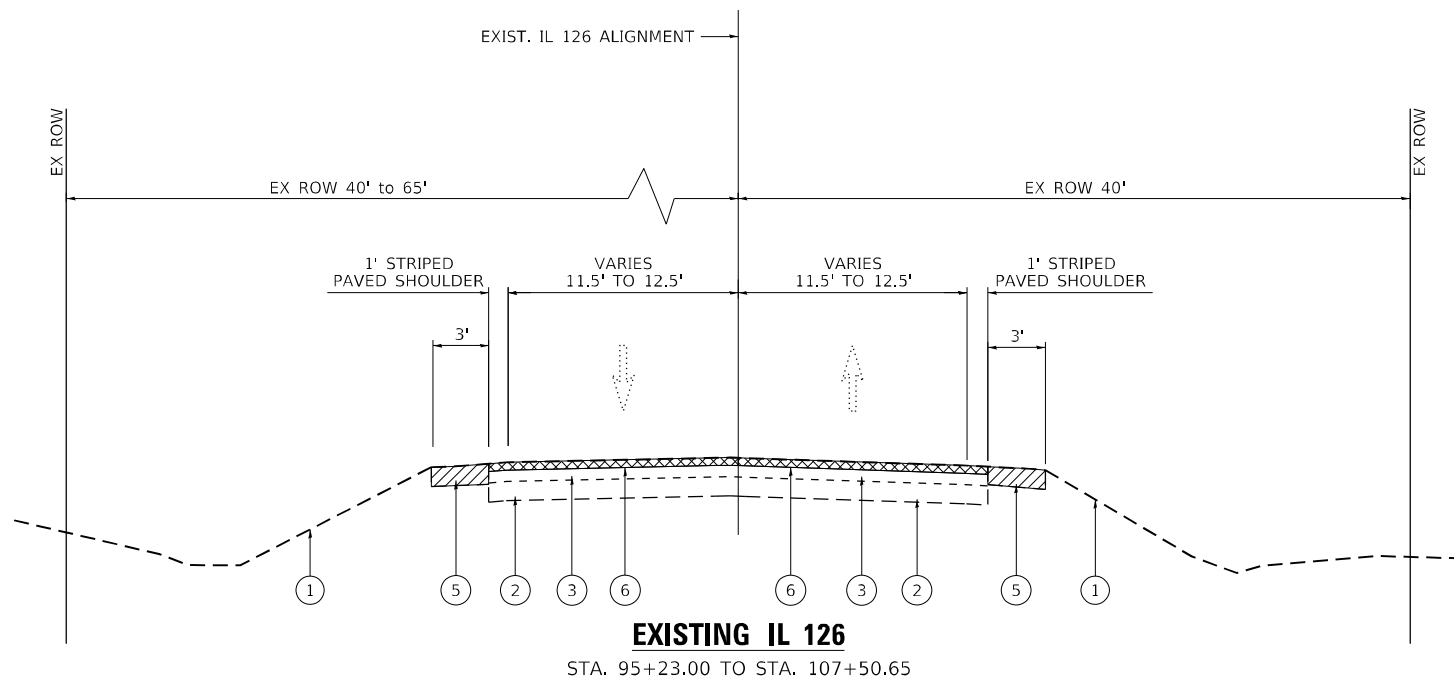
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CODE NO	ITEM	UNIT		0004 10% STATE 90% FED WILL CO	0004 10% STATE 90% FED KENDALL CO	0021 80% FED 13.3% STATE 6.7% TOWNSHIP	0021 100% TOWNSHIP	CODE NO	ITEM	UNIT		0004 10% STATE 90% FED	0004 10% STATE 90% FED	0021 80% FED 13.3% STATE 6.7% TOWNSHIP	0021 100% TOWNSHIP
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	845		845			* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5		5		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	73		73			* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4		
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	622		622			* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1		
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3		3			* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1		1		
* 87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1		1			* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6		6		
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1		1			* 88500100	INDUCTIVE LOOP DETECTOR	EACH	3		3		
* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		1			* 88600100	DETECTOR LOOP, TYPE I	FOOT	151		151		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16			* 88700200	LIGHT DETECTOR	EACH	2			2	
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4			* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1	
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20		20			* A2004620	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13		13			* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	256			256	
								78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	410	287	123		

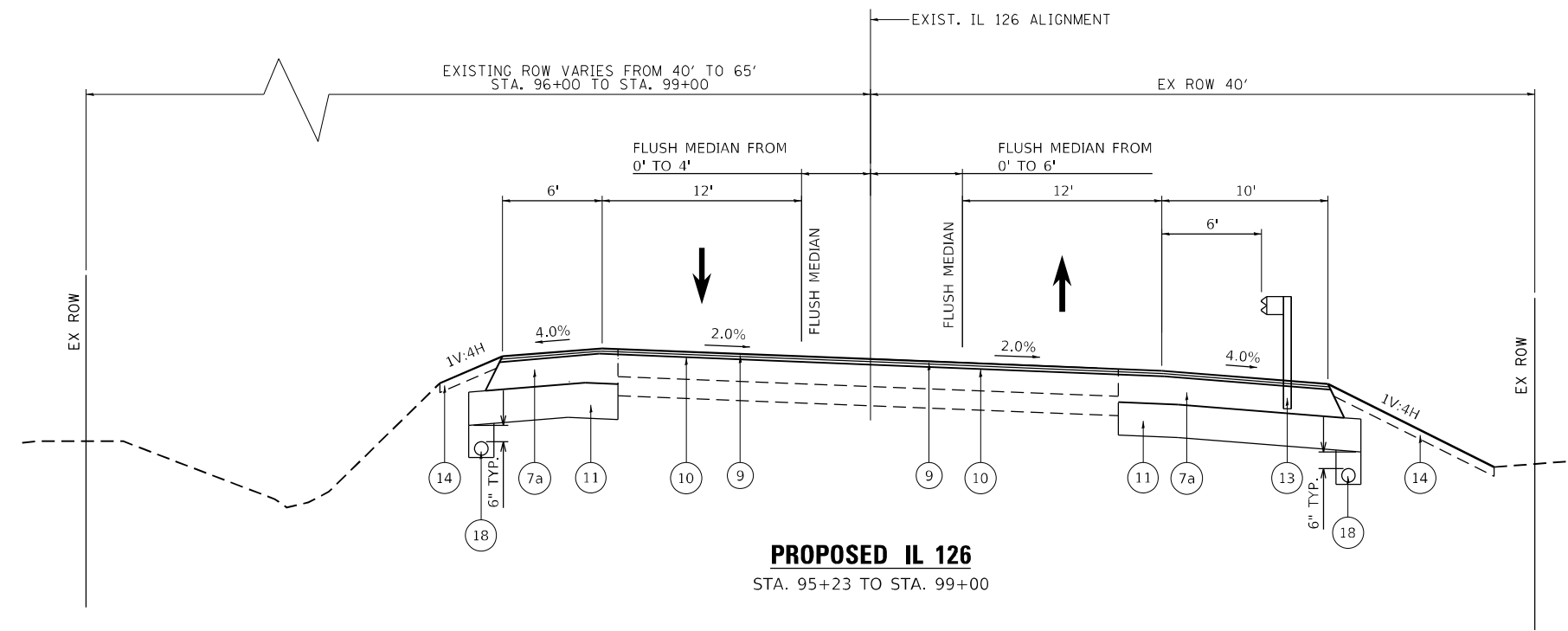
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FILE NAME =	USER NAME = rthjp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 126 AT COUNTY LINE RD. SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100,0000' / 1in	CHECKED -	REVISED -	CONTRACT NO. 62G10							
PLOT DATE = 5/10/2021	DATE -	REVISED -	SCALE:			SHEET NO. 4 OF 5 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

* SPECIALTY ITEM



- ① EXISTING GROUND
 - ② EXISTING PCC PAVEMENT, ±7"
 - ③ EXISTING HOT-MIX ASPHALT PAVEMENT, ±10" - IL RTE. 126
 - ④ EXISTING HOT-MIX ASPHALT PAVEMENT, ±9" - COUNTY LINE RD.
 - ⑤ EXISTING AGGREGATE SHOULDER, ±8"
 - ⑥ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2½"
 - ⑦a PROP. HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), N70, 9½"
 - ⑦b PROP. HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0), N70, 9½"
 - ⑧ PROP. HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), N70, 8"
 - ⑨ PROP. POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1¾"
 - ⑩ PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, ¾"
 - ⑪ PROP. AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ⑫ PROP. HOT-MIX ASPHALT SHOULDERS, 8"
 - ⑬ PROP. GUARDRAIL, TYPE A, 6 FOOT POSTS
 - ⑭ PROP. TOP SOIL, EXCAVATION AND PLACEMENT, SEED, AND NUTRIENTS
 - ⑮ PROP. DITCH
 - ⑯ PROP. PAVEMENT REMOVAL
 - * ⑰ PROP. AGGREGATE SUBGRADE IMPROVEMENT, CU YD
 - * ⑱ PROP. PIPE UNDERDRAINS
- THE CONTRACTOR SHALL MILL FIRST THEN PATCH



HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RECONSTRUCTION (COUNTY LINE RD.)		
POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1¾"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0), N70, 8"	4% @ 70 Gyr.	QC/QA
PAVEMENT RESURFACING & WIDENING (IL 126)		
POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1¾"	4% @ 70 Gyr.	QC/QA
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"	3.5% @ 50 Gyr.	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER IL-19.0), N70, 9½" (WIDTH < 6')	4% @ 70 Gyr.	QC/QA
HMA BASE COURSE (HMA BINDER IL-19.0), N70, 9½" (WIDTH > 6')	4% @ 70 Gyr.	QC/QA
PAVEMENT RESURFACING (IL 126)		
POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1¾"	4% @ 70 Gyr.	QC/QA
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, ¾"	3.5% @ 50 Gyr.	QC/QA
HMA SHOULDERS, 8"		
POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1¾"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6½"	4% @ 70 Gyr.	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	4% @ 70 Gyr.	QC/QA

QMP Designations: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PPF)

* NOTE A: (STA. 421+25 TO STA. 424+50)
 A GROUND STABILIZING GEOTEXTILE FABRIC SHALL BE PLACED OVER THE PREPARED SUBGRADE AND COVERED WITH AGGREGATE SUBGRADE IMPROVEMENT AND TO BE PRESENT BENEATH THE ENTIRE WIDTH OF THE PROPOSED UNDERCUT NECESSARY TO CONSTRUCT BOTH LANES.

* * * INSTALL LONGITUDINAL UNDERDRAINS BELOW THE PAVEMENT EDGE IN WIDENING AREAS AND BOTH LONGITUDINAL AND TRANSVERSE PIPE UNDERDRAINS BELOW THE PAVEMENT EDGE IN AREAS WHERE THE ROAD WILL BE COMPLETELY RECONSTRUCTED. INSTALL TRANSVERSE DRAINS USING A SPACING OF 300 FT. THE DRAINS SHOULD ALSO BE INSTALLED IN LOW AREAS AND AT THE BASE OF ANY UNDERCUTS. THE UNDERDRAINS SHOULD TIE INTO THE STORM WATER DRAINAGE SYSTEM, AND SHOULD BE INSTALLED PER ARTICLE 601 IN THE IDOT STANDARD SPECIFICATIONS AND CONSIST OF TYPE 2 UNDERDRAINS.

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 SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIAL SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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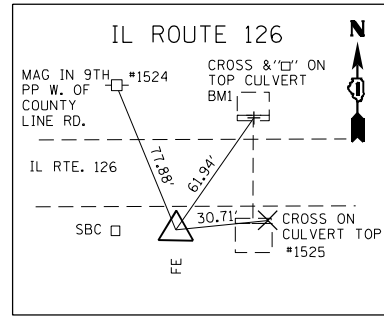
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	DRAWN -	REVISED -
PLOT SCALE = 60000.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 126 AT COUNTY LINE ROAD
 TYPICAL SECTIONS**

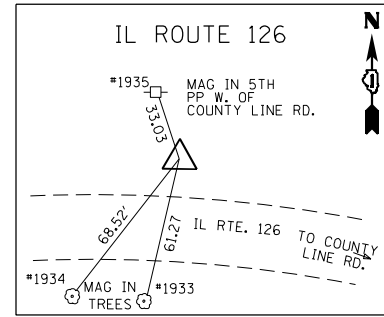
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0379	119CH&TS	WILL/KENDALL	61	9
			CONTRACT NO. 62G10	
		ILLINOIS	FED. AID PROJECT	



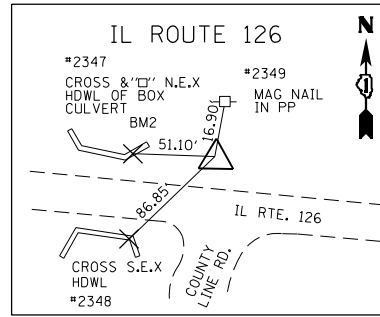
CONTROL POINT #1

(NO DESCRIPTION GIVEN)
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 E=1003638.364
 ELEV.=627.604



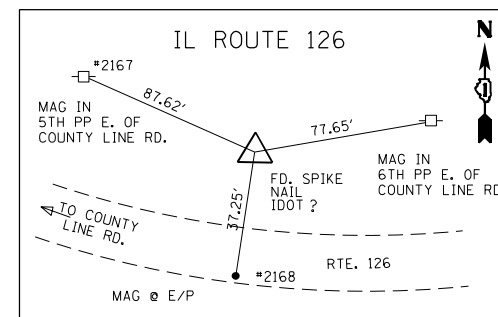
CONTROL POINT #2

(NO DESCRIPTION GIVEN)
 STA. 93+80.04
 N=1799787.885
 E=1004304.889
 ELEV.=628.660



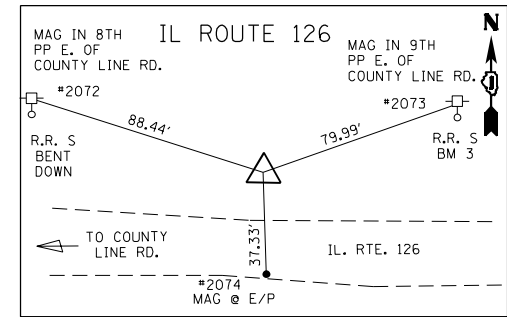
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 STA. 99+96.49
 N=1799695.628
 E=1004918.515
 ELEV.=626.890



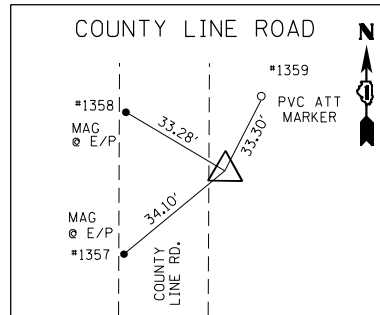
CONTROL POINT #4

STA. 107+45.64
 N=1799510.241
 E=1005641.436
 ELEV.=627.610



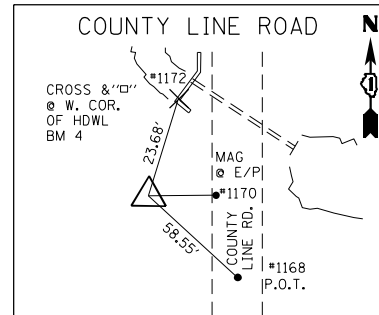
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 STA. 112+45.51
 N=1799473.868
 E=1006136.487
 ELEV.=631.850



CONTROL POINT #6

(NO DESCRIPTION GIVEN)
 STA. 18+23.28
 N=1798974.776
 E=1004923.132
 ELEV.=624.390



CONTROL POINT #7

(NO DESCRIPTION GIVEN)
 STA. 10+43.97
 N=1798194.455
 E=1004896.432
 ELEV.=623.810

BENCHMARK #1

ELEV. = 628.19
 CROSS & "□" ON TOP CULVERT

BENCHMARK #2

ELEV. = 625.985
 "□" ON N.E. WING WALL OF BOX CULVERT
 N. SIDE IL 126 @ COUNTY LINE RD.

BENCHMARK #3

ELEV. = 632.505
 RR SPIKE IN 9TH PP E. OF COUNTY
 LINE RD. ON N. SIDE IL 126

BENCHMARK #4

ELEV. = 624.365
 "□" ON W. CORNER OF HDWY OF CULVERT
 XING 100' S. OF RTE. 126 W. SIDE COUNTY LINE RD.

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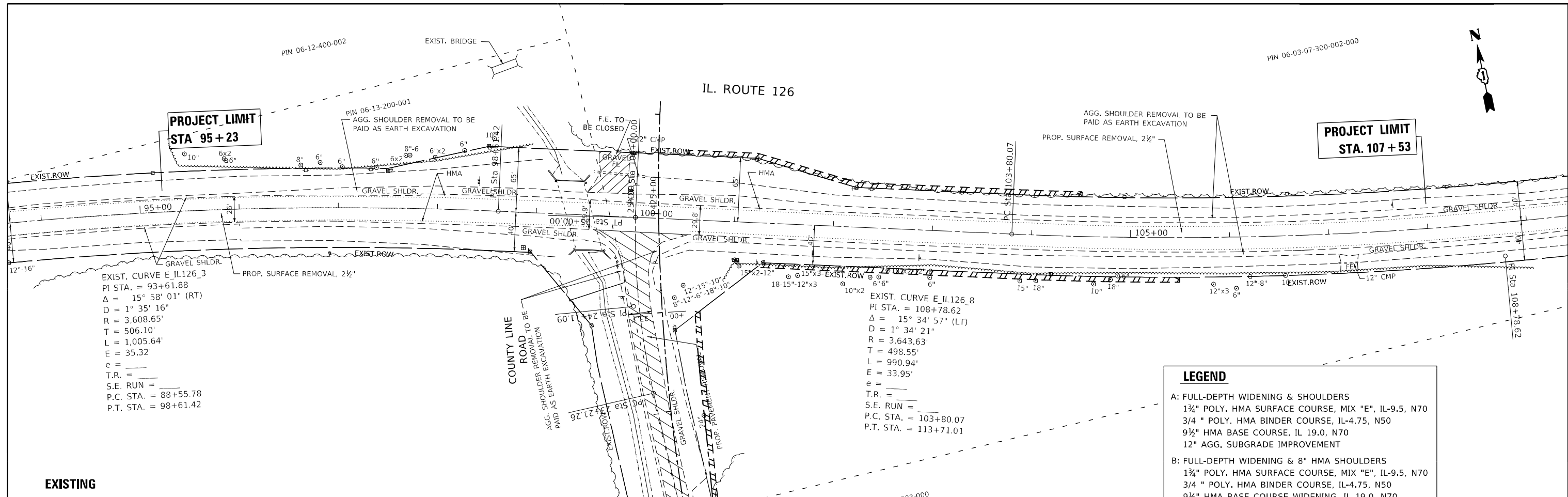
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PLOT DATE = 5/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 IL ROUTE 126 AT COUNTY LINE ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0379	119CH&TS	WILLMINDALL	61	14
			CONTRACT NO. 62G10	
ILLINOIS FED. AID PROJECT				



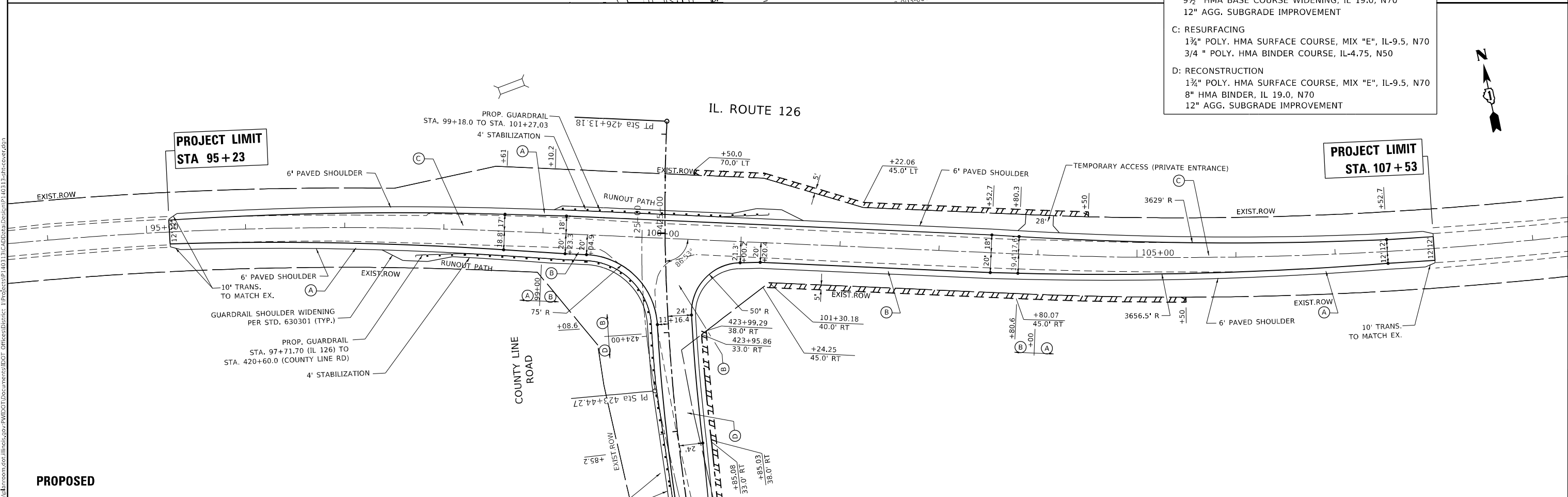
LEGEND

A: FULL-DEPTH WIDENING & SHOULDERS
 1 1/4" POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70
 3/4" POLY. HMA BINDER COURSE, IL-4.75, N50
 9 1/2" HMA BASE COURSE, IL 19.0, N70
 12" AGG. SUBGRADE IMPROVEMENT

B: FULL-DEPTH WIDENING & 8" HMA SHOULDERS
 1 1/4" POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70
 3/4" POLY. HMA BINDER COURSE, IL-4.75, N50
 9 1/2" HMA BASE COURSE WIDENING, IL 19.0, N70
 12" AGG. SUBGRADE IMPROVEMENT

C: RESURFACING
 1 1/4" POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70
 3/4" POLY. HMA BINDER COURSE, IL-4.75, N50

D: RECONSTRUCTION
 1 1/4" POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70
 8" HMA BINDER, IL 19.0, N70
 12" AGG. SUBGRADE IMPROVEMENT



USER NAME = rothjp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING & PROPOSED ROADWAY PLAN IL. ROUTE 126 AT COUNTY LINE RD.		F.A.U. RTE. = 379	SECTION = 119CH&TS	COUNTY = WILL/KENDALL	TOTAL SHEETS = 61	SHEET NO. = 15
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62610			
PLOT DATE = 5/10/2021	CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT			
	DATE -	REVISED -								

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 OFFICE: DISTRICT 1
 PROJECT: 119CH&TS
 OFFICE: DISTRICT 1
 PROJECT: 119CH&TS
 OFFICE: DISTRICT 1

MAINTENANCE OF TRAFFIC GENERAL NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. ALL TEMPORARY PAVEMENT MARKINGS & TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AT THE BEGINNING OF EACH STAGE, AND SHALL BE MAINTAINED FOR THE DURATION OF THAT STAGE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

A MINIMUM OF TWO (2) ELEVEN FOOT (11') LANES, ONE IN EACH DIRECTION, SHALL BE KEPT OPEN TO TRAFFIC ON IL ROUTE 126. TRAFFIC ON COUNTY LINE ROAD SHALL BE DETOURED.

ALL PAVEMENT MARKINGS CONFLICTING WITH STAGED TRAFFIC PATTERNS SHALL BE REMOVED. TYPE III MARKING TAPE SHALL BE USED ON THE FINAL WEARING SURFACE OR ON THE EXISTING PAVEMENT TO REMAIN WHEN THE TEMPORARY PAVEMENT MARKING WILL CONFLICT WITH THE PERMANENT PAVEMENT MARKING SUCH AS ON TAPERS OR LANE SHIFTS. PAVEMENT MARKING PAINT SHALL BE USED ON ALL SURFACES TO BE REMOVED OR COVERED WITH SURFACE COURSE.

ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS WITH THE USE OF AGGREGATE FOR TEMPORARY ACCESS AND/OR BY CONSTRUCTING ONE HALF OF PROPOSED DRIVEWAYS AT A TIME.

PROVIDE TEMPORARY HMA RAMP WEDGE TO TRANSITION THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION BETWEEN THE NEW CONSTRUCTION AND THE EXISTING PAVEMENT. ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. PROVIDE TEMPORARY HMA RAMP WEDGE OR OTHER MITIGATING MEASURES APPROVED BY THE ENGINEER. THE RAMP WEDGE SHALL USE HMA SURFACE COURSE AND WILL BE PAID FOR WITH THE APPLICABLE MIXTURE TYPE PER TON.

CHANNELIZING DEVICES ARE TO BE PLACED AT SAME LEVEL AS TRAVELING LANE OR SHOULDER PROFILE.

CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. THE REFLECTIVE AREA AND WARNING LIGHT SHALL BE RAISED TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901.

CHANNELIZING DEVICES ARE TO BE PLACED AT THE SAME LEVEL AS SIDE SLOPE PROFILE TO BE FULLY VISIBLE.

DROP-OFFS GREATER THAN 18 IN. SHALL NOT BE EXPOSED TO TRAFFIC FOR GREATER THAN 48 HRS. ADDITIONALLY, PYLONS OF FLASHING LIGHTS SHALL BE PLACED AT DROP-OFFS GREATER THAN 18 IN.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STATE STANDARDS AND AS DIRECTED BY THE ENGINEER.

TYPE II BARRICADES SHALL BE PLACED ALONG THE ROADWAY AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TYPE II BARRICADES WITH DIRECTIONAL ARROWS SHALL BE PLACED AT LANE SHIFTS (TAPER SECTIONS) AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER. BARRICADES WITH LEG EXTENSIONS SHALL BE USED WHERE NEEDED TO PROVIDE A MINIMUM DISTANCE OF 36" BETWEEN THE PAVEMENT AND TOP OF BARRICADE. BARRICADES IN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS. ALL TYPE II BARRICADES SHALL BE NON-METALLIC.

THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY CHANGES IN STAGING AT LEAST TWO (2) WORKING DAYS IN ADVANCE.

TEMPORARY SIGNING, AS SHOWN, SHALL CONFORM TO THE APPLICABLE STANDARDS INCLUDED IN THE SPECIAL PROVISIONS AND CONTRACT PLANS OR AS DIRECTED BY THE ENGINEER.

ALL "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS.

ROAD NAME PLATES SHALL BE INSTALLED ON "ROAD CONSTRUCTION AHEAD" SIGNS AT INTERSECTIONS SHOWN ON THE PLANS.

EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION, ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR.

TRAFFIC CONTROL DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.

MAINTENANCE OF TRAFFIC STAGING NOTES

PRE-STAGE

APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR DAY-TIME LANE CLOSURES SHALL BE UTILIZED TO PERFORM THE FOLLOING WORK:

- MAINTAIN DRIVEWAYS AND ENTRANCE ACCESS WITH TEMPORARY ACCESS (EACH)
- RELOCATION OF UTILITIES

STAGE I

TRAVEL LANES SHALL REMAIN AS ONE LANE IN EACH DIRECTION AND TRAFFIC REMAINING ON THE EXISTING LANES OF IL ROUTE 126 AND TRAFFIC ON COUNTY LINE ROAD SHALL BE DETOURED PER DETOUR PLAN.

ALL PROPOSED WORK SHALL BE EXECUTED WITHIN THE WORK AREA, THIS INCLUDES, BUT IS NOT LIMITED TO:

1. PERFORM EARTH AND PROPOSED DITCH GRADING IN WORK ZONE
2. CONSTRUCT PROPOSED PAVEMENT ON COUNTY LINE ROAD.
3. CONSTRUCT PAVEMENT WIDENING, SHOULDERS, AND DITCHES ON SOUTH SIDE OF IL 126.

STAGE II

ALONG COUNTY LINE ROAD TRAVEL LANES SHALL BE SHIFTED TO PERMANENT LANES. ALONG IL ROUTE 126 TRAVEL LANES SHALL REMAIN ON EXISTING LANES.

ALL PROPOSED WORK SHALL BE EXECUTED WITHIN THE WORK AREA, THIS INCLUDES, BUT IS NOT LIMITED TO:

1. PERFORM EARTH AND PROPOSED DITCH GRADING IN WORK ZONE
2. CONSTRUCT PROPOSED PAVEMENT WIDENING, SHOULDERS, AND DITCHES ON NORTH SIDE OF IL 126.

STAGE III (NOT SHOWN ON MAINTENANCE OF TRAFFIC PLAN SHEETS)

ALL REMAINING PROPOSED WORK SHALL BE COMPLETED DURING THIS STAGE. THIS INCLUDES, BUT IS NOT LIMITED TO:

- RESURFACING OF REMAINING EXISTING PAVEMENT
- PLACEMENT OF HMA SURFACE COURSE WITHIN THE ENTIRE PROJECT LIMITS
- INSTALLATION OF GUARDRAIL
- INSTALLATION OF PROPOSED LANDSCAPING THROUGHOUT PROJECT LIMITS
- INSTALLATION OF PROPOSED ROADWAY SIGNS
- INSTALLATION OF PROPOSED THERMOPLASTIC PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS (WHERE APPLICABLE)
- INSTALLATION OF PROPOSED TRAFFIC SIGNALS

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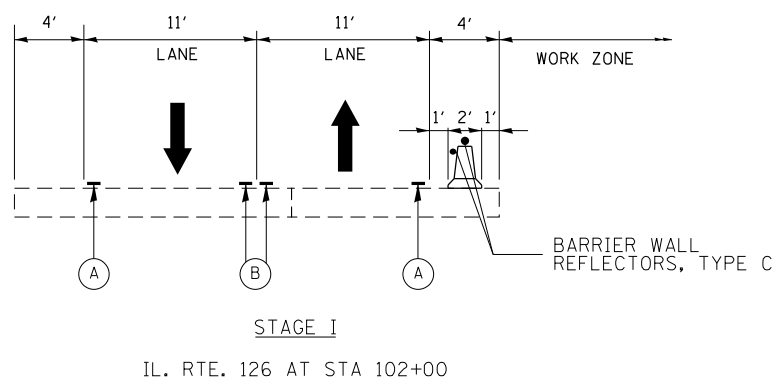
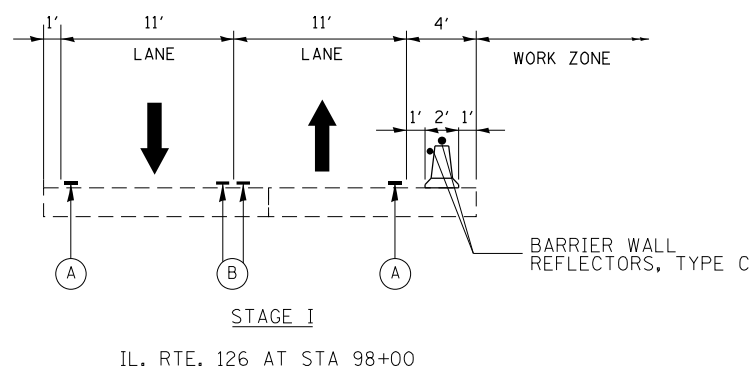
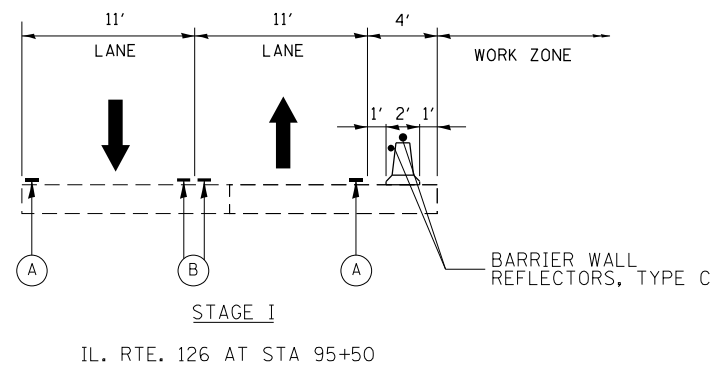
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 126 AT COUNTY LINE ROAD
CONSTRUCTION STAGING: TYPICAL SECTIONS IL 126**

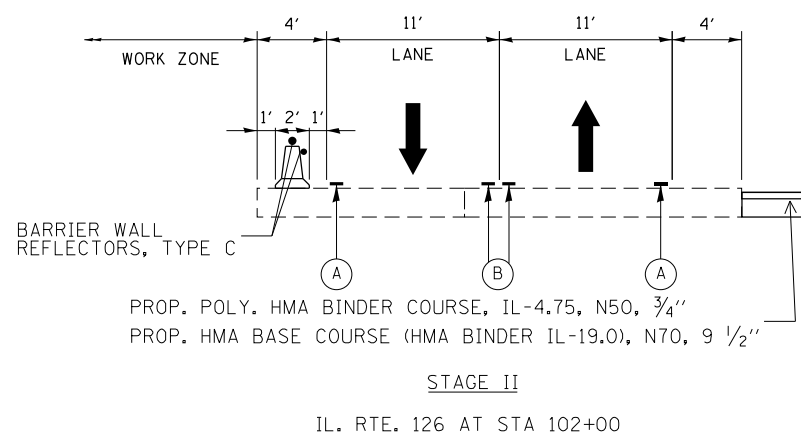
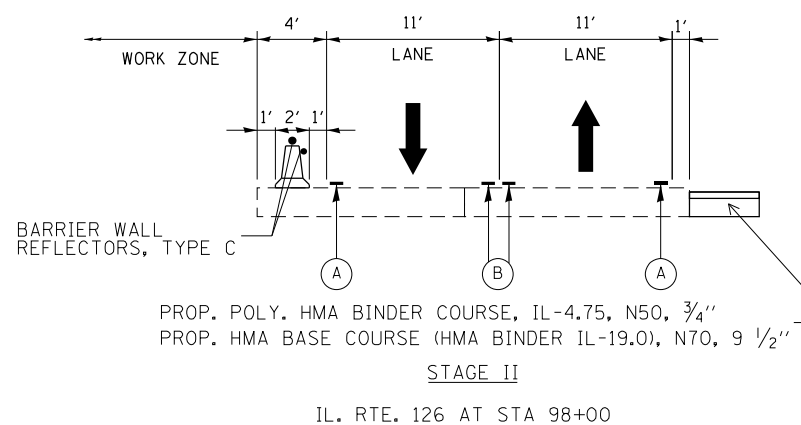
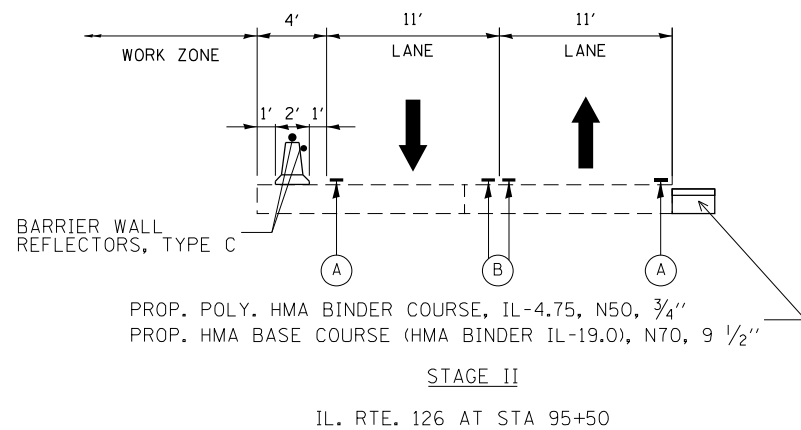
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 62G10	
		ILLINOIS	FED. AID PROJECT	



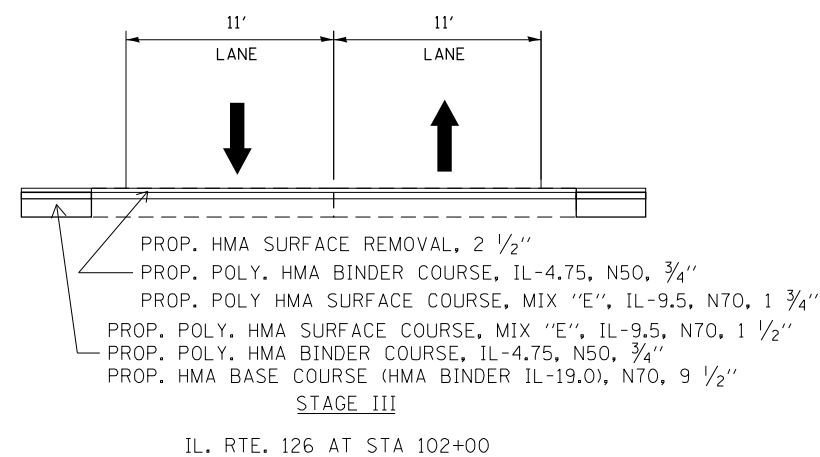
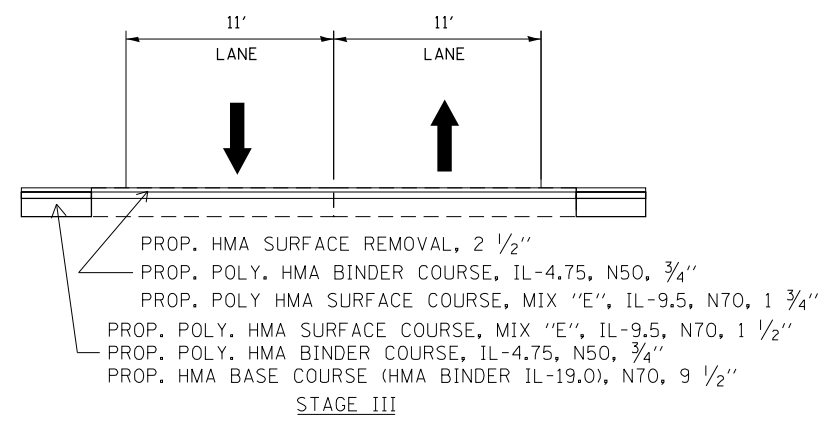
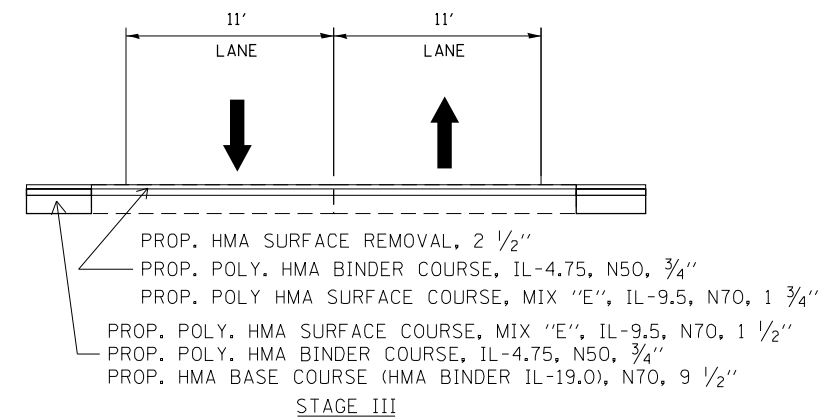
PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING. TAPE, TYPE IV, 4" (WHITE)
- (B) PAVEMENT MARKING. TAPE, TYPE IV, 4" (DOUBLE YELLOW)



PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING. TAPE, TYPE IV, 4" (WHITE)
- (B) PAVEMENT MARKING. TAPE, TYPE IV, 4" (DOUBLE YELLOW)



- PROP. HMA SURFACE REMOVAL, 2 1/2"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- PROP. POLY HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"
- PROP. POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 1/2"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- PROP. HMA BASE COURSE (HMA BINDER IL-19.0), N70, 9 1/2"

- PROP. HMA SURFACE REMOVAL, 2 1/2"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- PROP. POLY HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"
- PROP. POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 1/2"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- PROP. HMA BASE COURSE (HMA BINDER IL-19.0), N70, 9 1/2"

- PROP. HMA SURFACE REMOVAL, 2 1/2"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- PROP. POLY HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"
- PROP. POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 1/2"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- PROP. HMA BASE COURSE (HMA BINDER IL-19.0), N70, 9 1/2"

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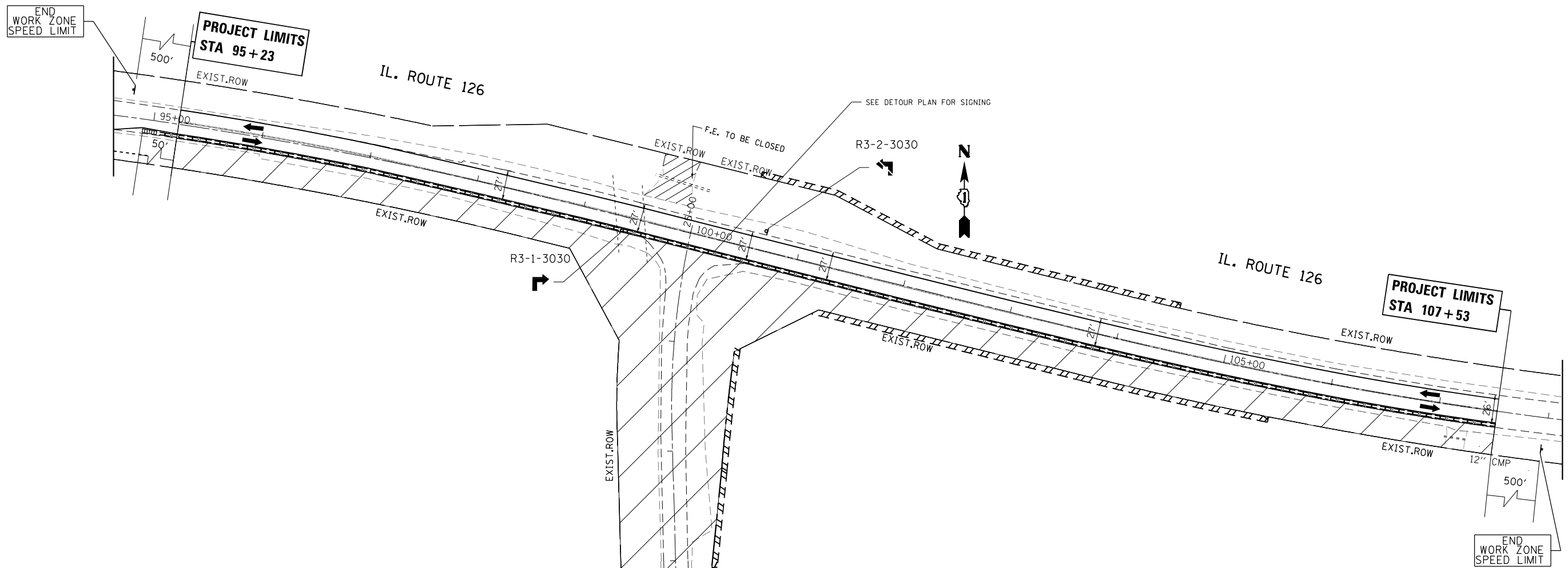
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




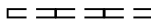
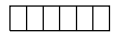

**IL ROUTE 126 AT COUNTY LINE ROAD
CONSTRUCTION STAGING: TYPICAL SECTIONS IL 126**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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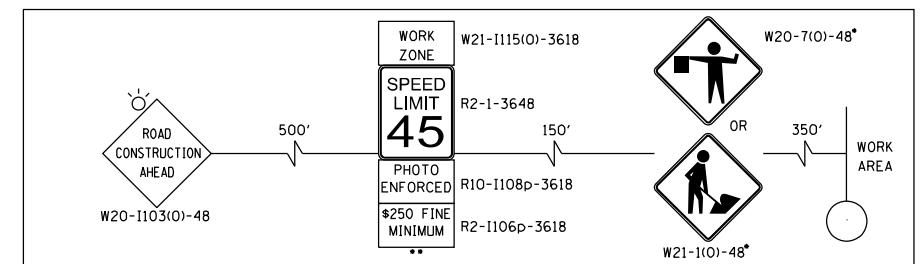
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	19
				CONTRACT NO. 62G10
ILLINOIS FED. AID PROJECT				



LEGEND:

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  MAINTENANCE OF TRAFFIC SIGN
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
-  BARRIER WALL REFLECTORS, TYPE C

ADVANCED SIGNING DETAIL ON IL 126



NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS ARE NOT PRESENT.
- PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS. CHANGEABLE MESSAGE SIGNS ON ALL APPROACHES WITH MESSAGES (SEE DETOUR PLAN)

PROJECT LIMITS
STA 20 + 50

IMPROVEMENT LIMITS
STA 18 + 00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

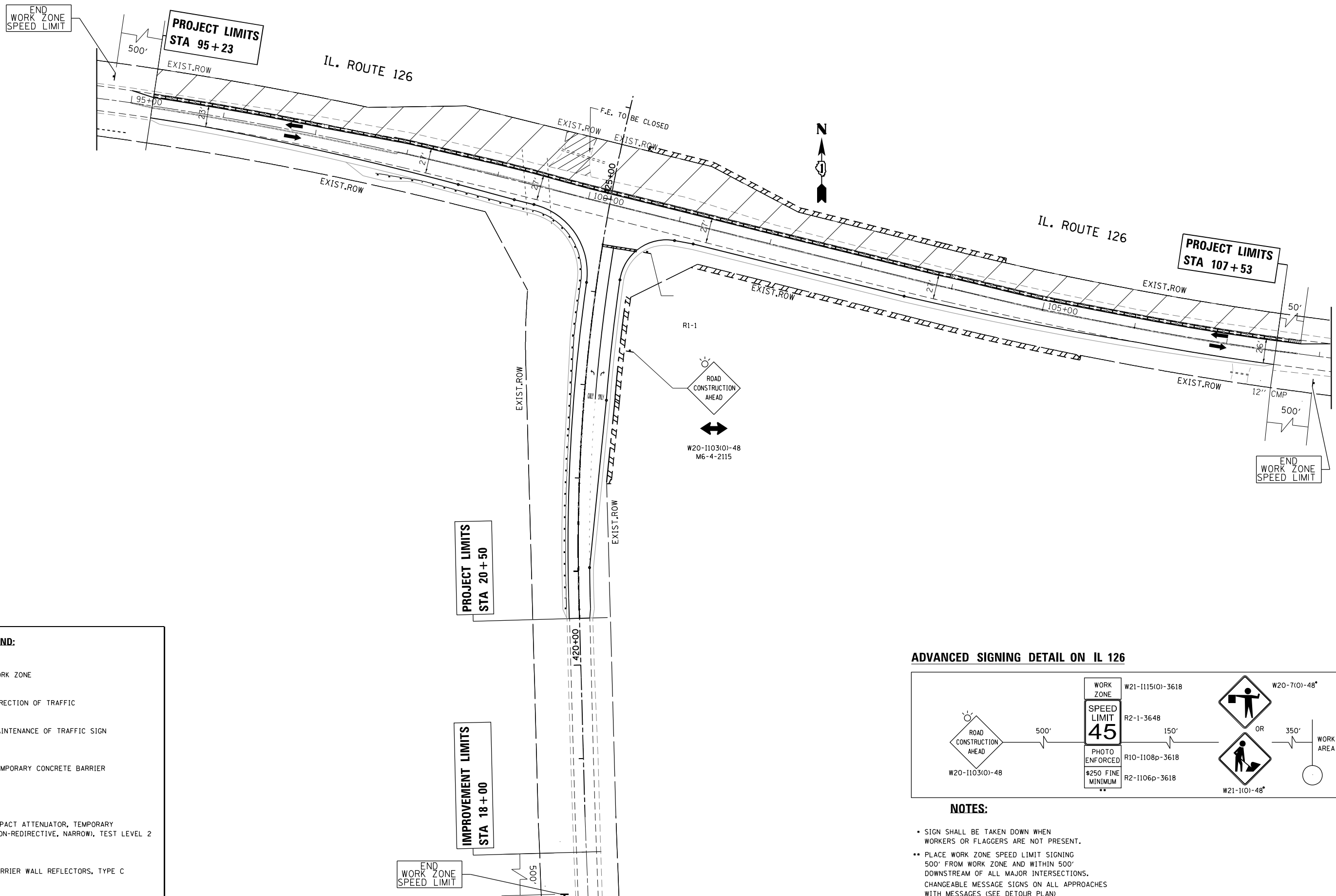
IL ROUTE 126 AT COUNTY LINE ROAD
CONSTRUCTION STAGING: STAGE I

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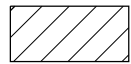


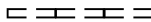
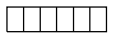

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	20
CONTRACT NO. 62G10				
ILLINOIS FED. AID PROJECT				

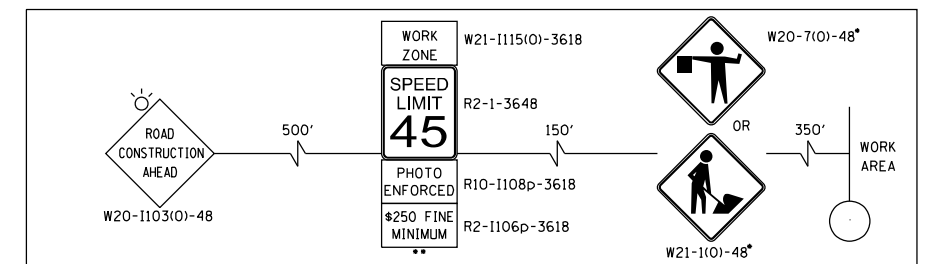
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LEGEND:

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  MAINTENANCE OF TRAFFIC SIGN
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
-  BARRIER WALL REFLECTORS, TYPE C

ADVANCED SIGNING DETAIL ON IL 126



NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS OR FLAGGERS ARE NOT PRESENT.
- PLACE WORK ZONE SPEED LIMIT SIGNING 500' FROM WORK ZONE AND WITHIN 500' DOWNSTREAM OF ALL MAJOR INTERSECTIONS. CHANGEABLE MESSAGE SIGNS ON ALL APPROACHES WITH MESSAGES (SEE DETOUR PLAN)

**PROJECT LIMITS
STA 20 + 50**

**IMPROVEMENT LIMITS
STA 18 + 00**

**PROJECT LIMITS
STA 95 + 23**

**PROJECT LIMITS
STA 107 + 53**

**END
WORK ZONE
SPEED LIMIT**

**END
WORK ZONE
SPEED LIMIT**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 126 AT COUNTY LINE ROAD
CONSTRUCTION STAGING: STAGE II**

USER NAME = rothjp	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE:	SHEET OF SHEETS	STA. TO STA.
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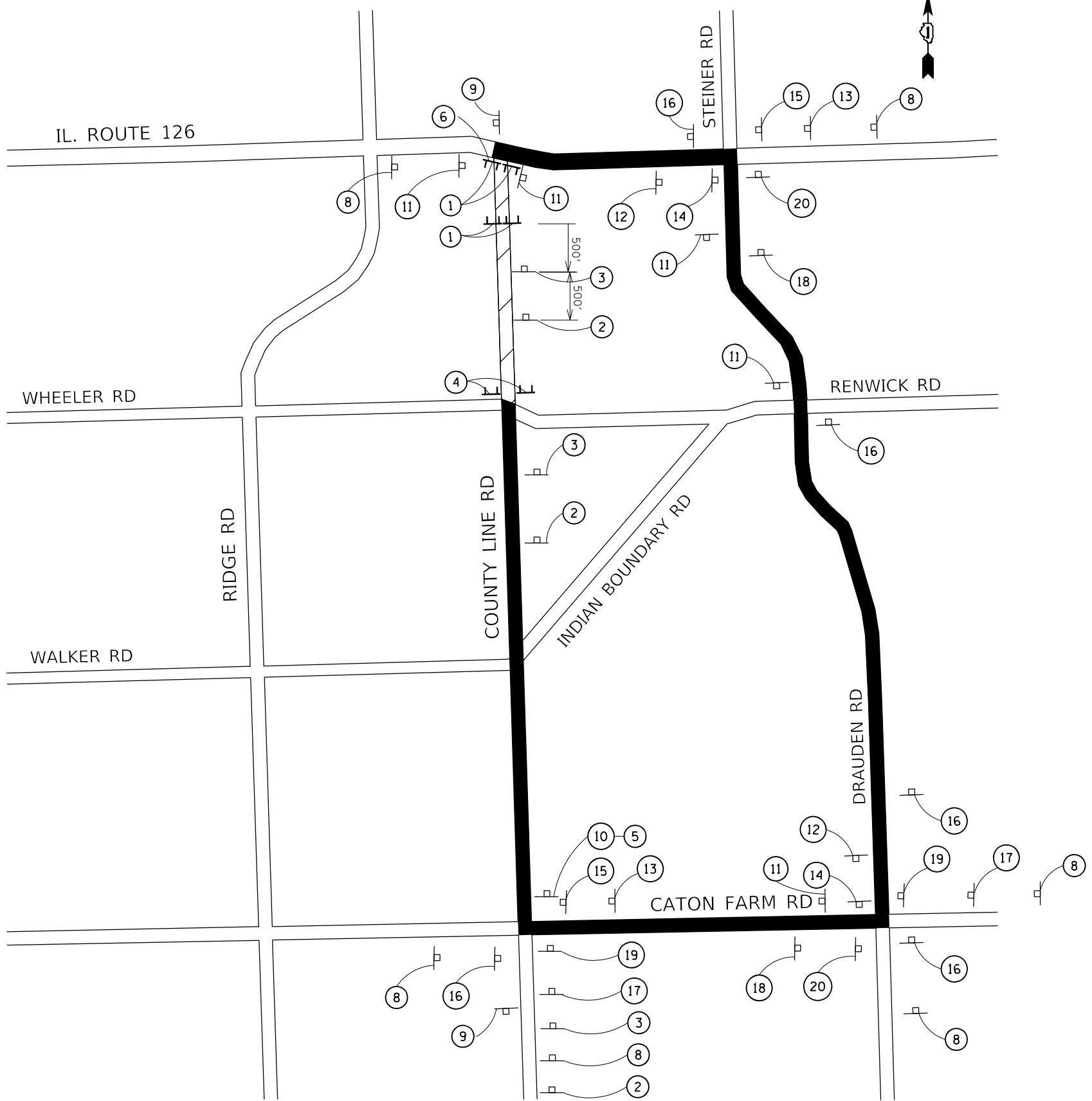
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	21
CONTRACT NO. 62G10				
ILLINOIS FED. AID PROJECT				

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- ① ROAD CLOSED R11-2-4830
- ② ROAD CLOSED AHEAD W20-3-4848
- ③ ROAD CLOSED 500 FT W20-3-4848
- ④ ROAD CLOSED TO THRU TRAFFIC R11-4-6030
- ⑤ DETOUR M4-10R-4818
- ⑥ DETOUR M4-10L-4818
- ⑦ COUNTY LINE RD CLOSED AT IL 126 USE DETOUR
6" BLACK LETTERS ON ORANGE BACKGROUND
- ⑧ DETOUR AHEAD W20-2-4848
- ⑨ END DETOUR M4-8A
- ⑩ ROAD CLOSED 1 1/2 MILES AHEAD LOCAL TRAFFIC ONLY
- ⑪ SOUTH COUNTY LINE ROAD M3-3-3015
DETOUR M4-9-3024
- ⑫ SOUTH COUNTY LINE ROAD M3-3-3015
DETOUR M4-9-3024
- ⑬ SOUTH COUNTY LINE ROAD M3-3-3015
DETOUR M4-9-3024
- ⑭ SOUTH COUNTY LINE ROAD M3-3-3015
DETOUR M4-9-3024
- ⑮ SOUTH COUNTY LINE ROAD M3-3-3015
DETOUR M4-9-3024
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DETOUR M4-9-3024
- ⑰ NORTH COUNTY LINE ROAD M3-1-3015
DETOUR M4-9-3024
- ⑱ NORTH COUNTY LINE ROAD M3-1-3015
DETOUR M4-9-3024
- ⑳ NORTH COUNTY LINE ROAD M3-1-3015
DETOUR M4-9-3024

NOTES

- TRAFFIC CONTROL AND PROTECTION SHALL BE IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ADVANCED SIGNING AND TYPE III BARRICADES SHALL BE PLACED IN ACCORDANCE WITH IDOT STANDARD 701901 AND DETAIL TC-21 (TYPICAL MARKING FOR CLOSING STATE HIGHWAYS)
- THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND SIGNS SHALL BE INCLUDED IN THE CONTRACT COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- ACCESS TO ALL PRIVATE ENTRANCES SHALL BE MAINTAINED.
- TEMPORARY INFORMATION SIGNING SHALL BE PLACED AT EACH END OF COUNTY LINE ROAD FOR THE DURATION OF THE PROJECT. SEE ATTACHED DETAIL.
- ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS, EXCEPT AS NOTED.
- ALL SIGNS AND ASSEMBLIES SHALL BE CERTIFIED BY THE CONTRACTOR AS MEETING THE APPLICABLE REQUIREMENTS OF NCHRP REPORT 350. TEST LEVEL 2.



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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 126 AT COUNTY LINE ROAD
DETOUR ROUTE

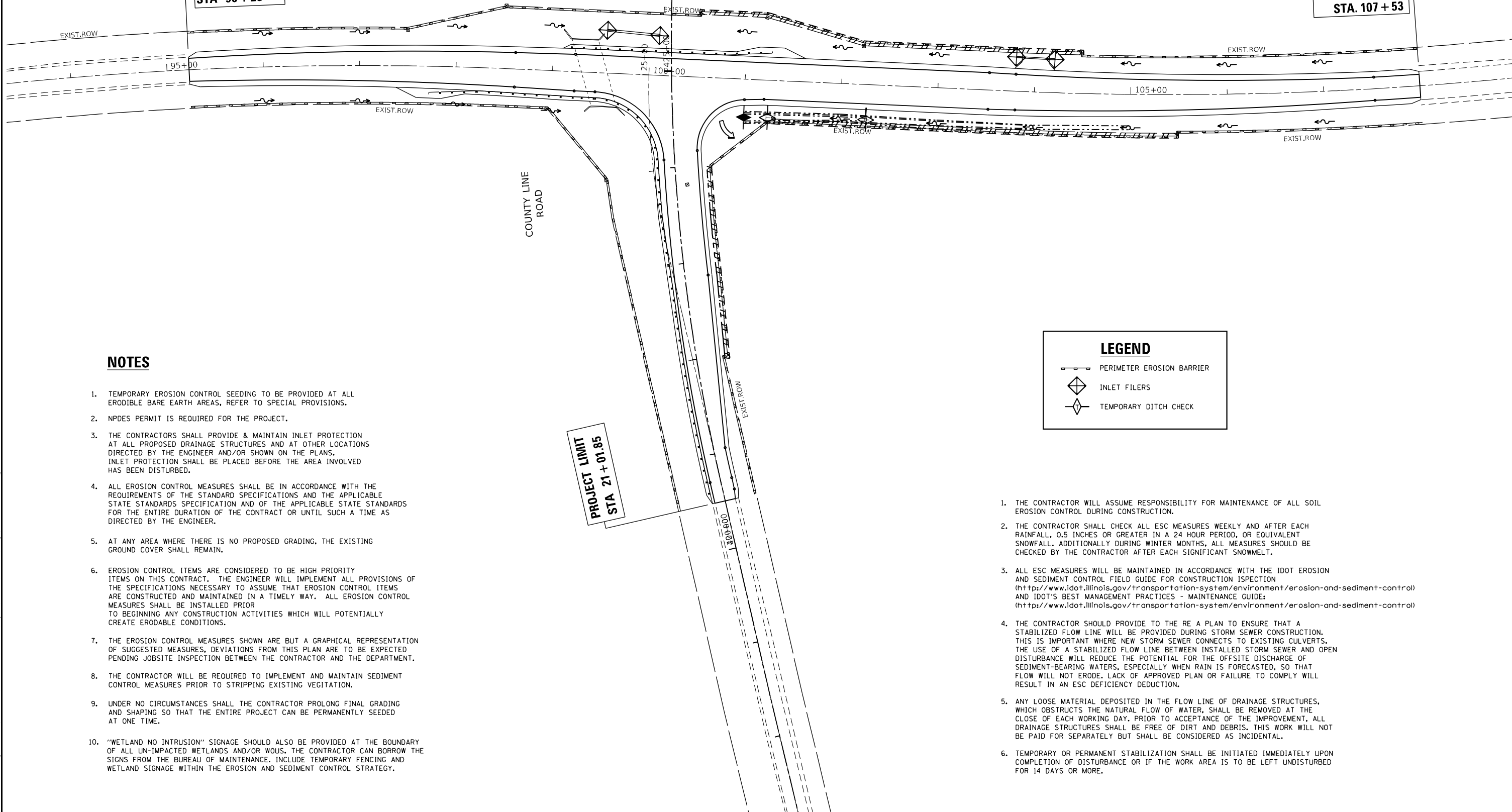
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	22
CONTRACT NO. 62G10				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 126

PROJECT LIMIT
STA 95+23

PROJECT LIMIT
STA. 107+53



NOTES

1. TEMPORARY EROSION CONTROL SEEDING TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS, REFER TO SPECIAL PROVISIONS.
2. NPDES PERMIT IS REQUIRED FOR THE PROJECT.
3. THE CONTRACTORS SHALL PROVIDE & MAINTAIN INLET PROTECTION AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/OR SHOWN ON THE PLANS. INLET PROTECTION SHALL BE PLACED BEFORE THE AREA INVOLVED HAS BEEN DISTURBED.
4. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE STATE STANDARDS SPECIFICATION AND OF THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.
5. AT ANY AREA WHERE THERE IS NO PROPOSED GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
6. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATIONS NECESSARY TO ASSUME THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
7. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES, DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
8. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.
9. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
10. "WETLAND NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

LEGEND

- PERIMETER EROSION BARRIER
- INLET FILERS
- TEMPORARY DITCH CHECK

1. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
2. 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.
3. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION (<https://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>) AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: (<https://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>)
4. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THIS IS IMPORTANT WHERE NEW STORM SEWER CONNECTS TO EXISTING CULVERTS. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
5. 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.
6. 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.

PROJECT LIMIT
STA 21+01.95

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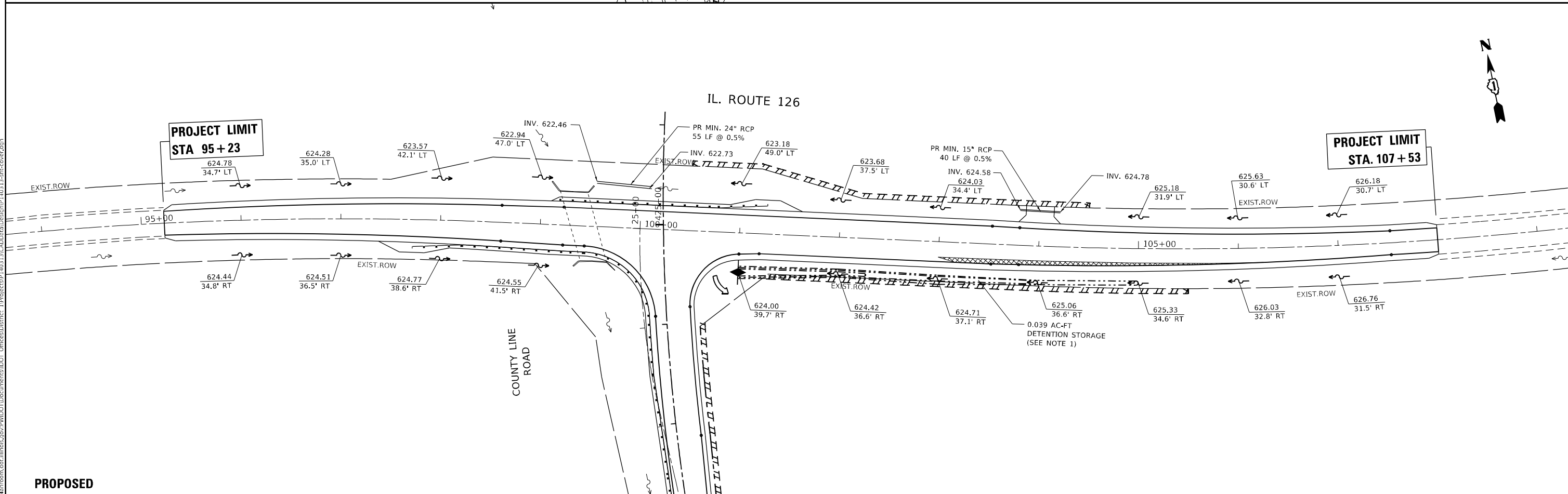
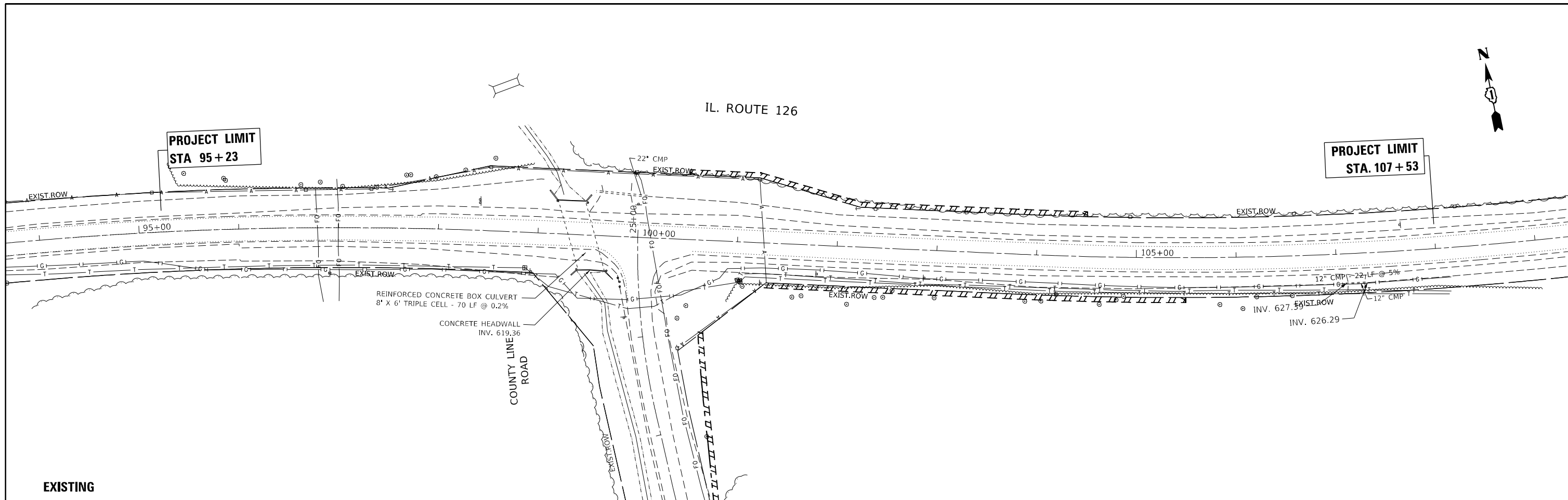
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN
IL. ROUTE 126 AT COUNTY LINE ROAD**

SCALE: 1"=50'

SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0379	119CH&TS	WILL/KENDALL	61	23
				CONTRACT NO. 62G10
		ILLINOIS	FED. AID PROJECT	



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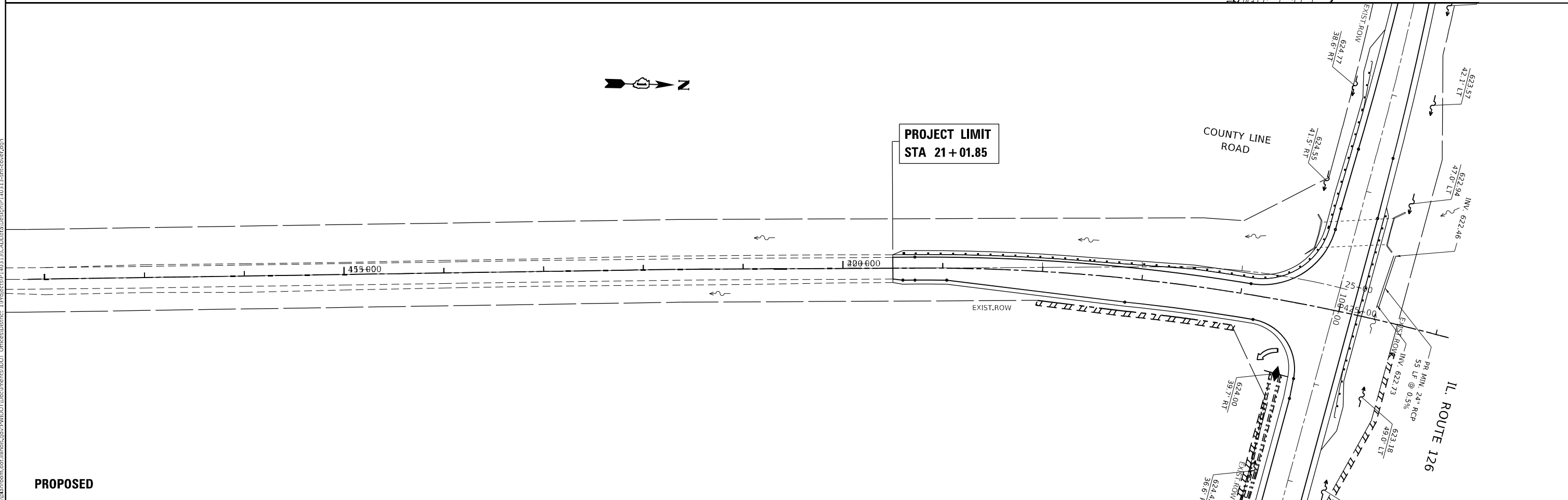
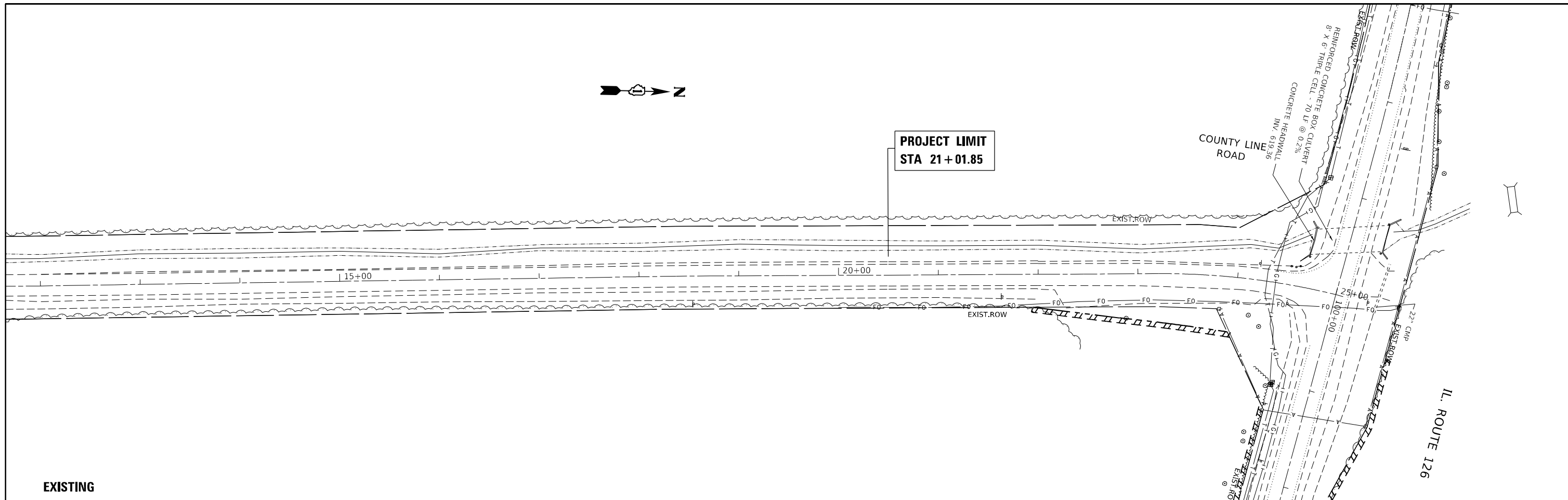
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DRAWN -	REVISED -	REVISED -
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PLOT DATE = 5/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED DRAINAGE PLAN
IL. ROUTE 126 AT COUNTY LINE RD.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	24
			CONTRACT NO. 62610	
ILLINOIS FED. AID PROJECT				

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



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PLOT DATE = 5/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

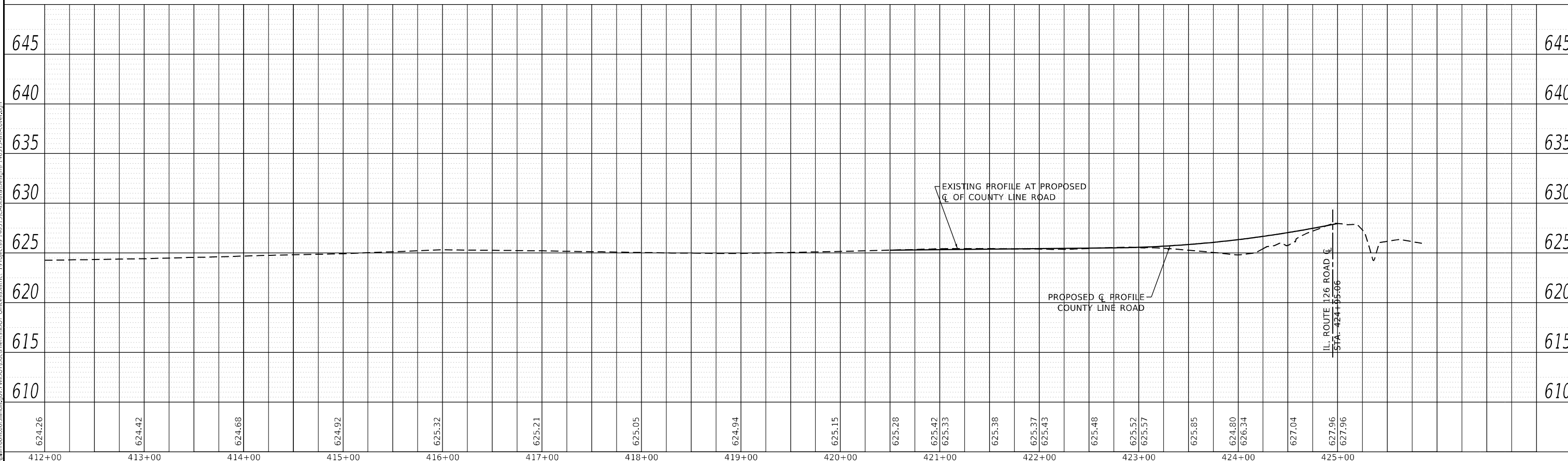
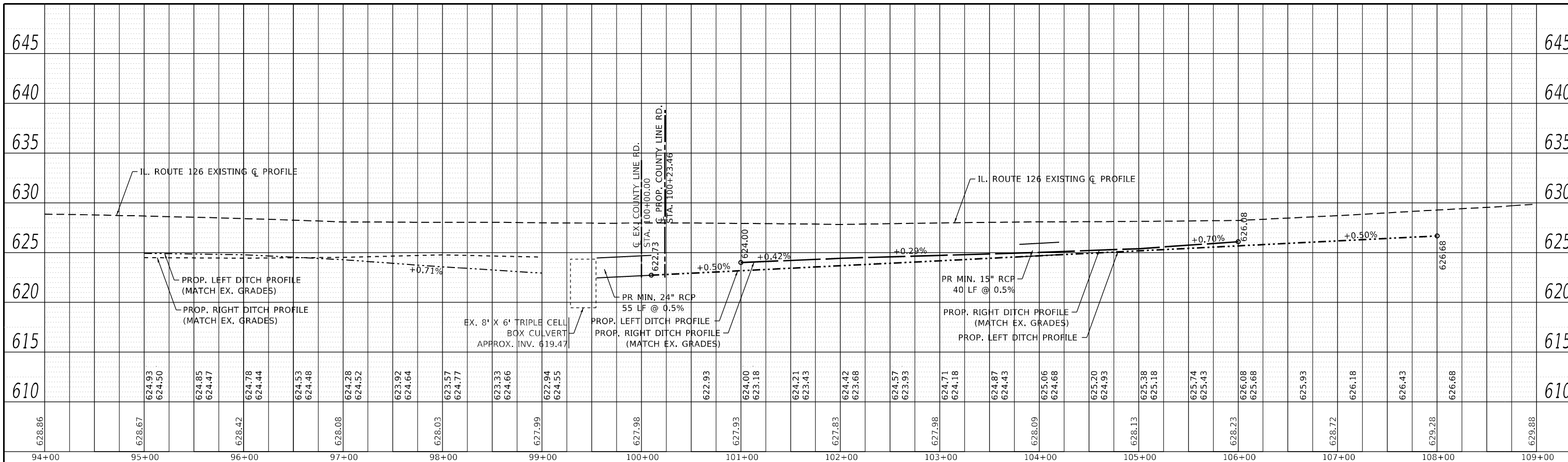
EXISTING & PROPOSED DRAINAGE PLAN IL. ROUTE 126 AT COUNTY LINE RD.			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	25
CONTRACT NO. 62610				
ILLINOIS FED. AID PROJECT				

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

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

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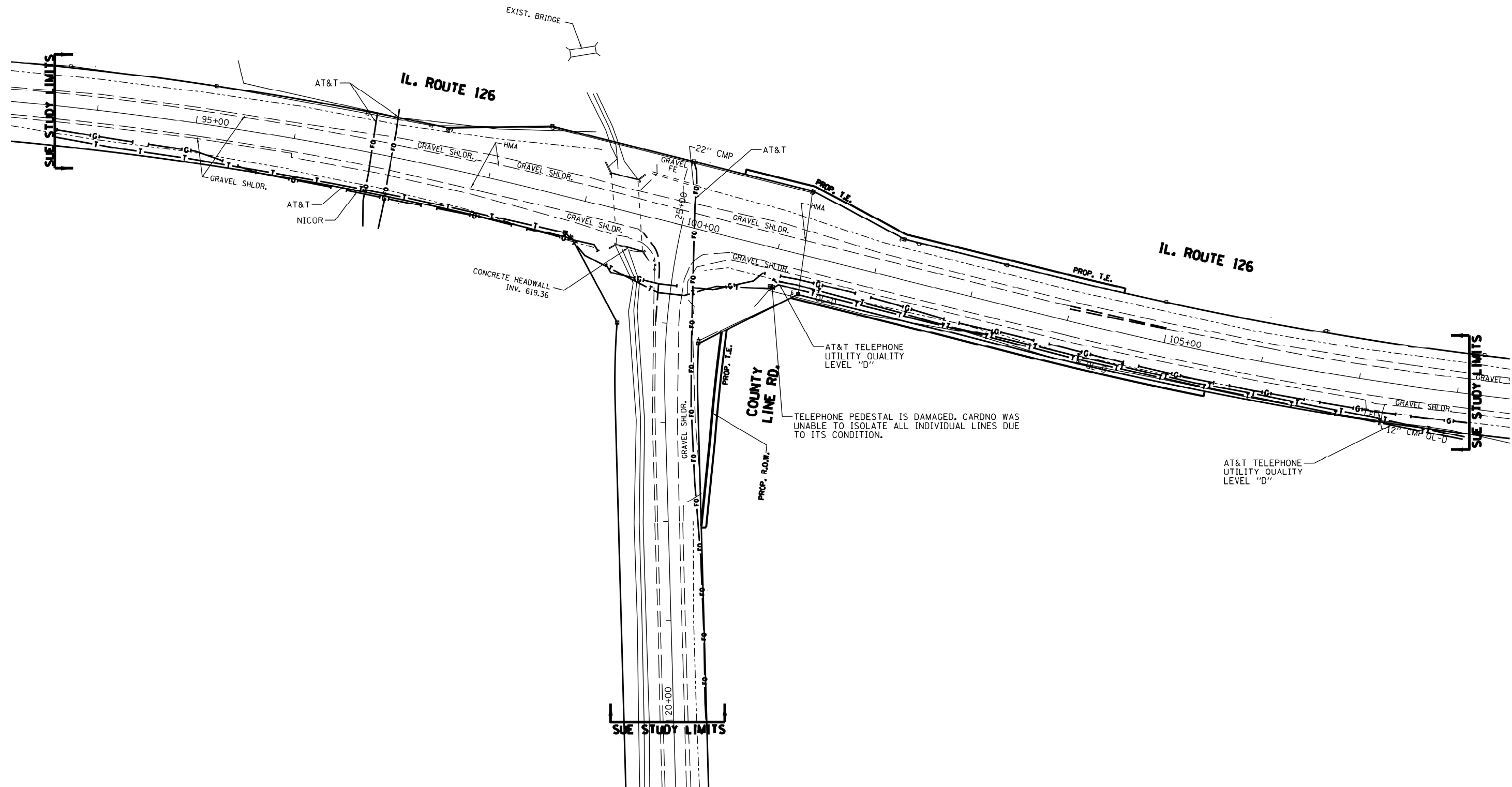
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PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/10/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PROFILE
IL. ROUTE 126 AT COUNTY LINE RD.**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	26
CONTRACT NO. 62610				
ILLINOIS FED. AID PROJECT				

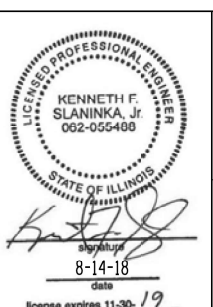


	A	AERIAL
	U	UNKNOWN
	O	OIL
	CTV	CABLE TV
	T	TELEPHONE
	G	GAS
	E	ELECTRIC
	W	TRAFFIC SIGNAL/LIGHTING
	W	WATER
	FM	FORCE MAIN
	FO	FIBER OPTIC
		CARDNO TEST HOLE
	EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T	- TELEPHONE
AT&T	- FIBER OPTIC
NICOR	- GAS

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's QL-B SUE field investigation was performed 7/2/18 through 7/31/18. Changes to utilities after 7/31/18 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 clausen@cwassurvey.com

CARDNO Job No. IL09510767
 SUE Plan Page: 1 of 1

Utility Quality Level "A" : Visually Verified Test Hole	DESIGNED LP	REVISION
Utility Quality Level "B" : Designating/non Visually Verified Test Hole	DRAWN KLC	REVISION
Utility Quality Level "C" : Research with Survey	CHECKED KFS	REVISION
Utility Quality Level "D" : Records Research	DATE 8/14/18	REVISION

DESIGNED LP	REVISION
DRAWN KLC	REVISION
CHECKED KFS	REVISION
DATE 8/14/18	REVISION

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

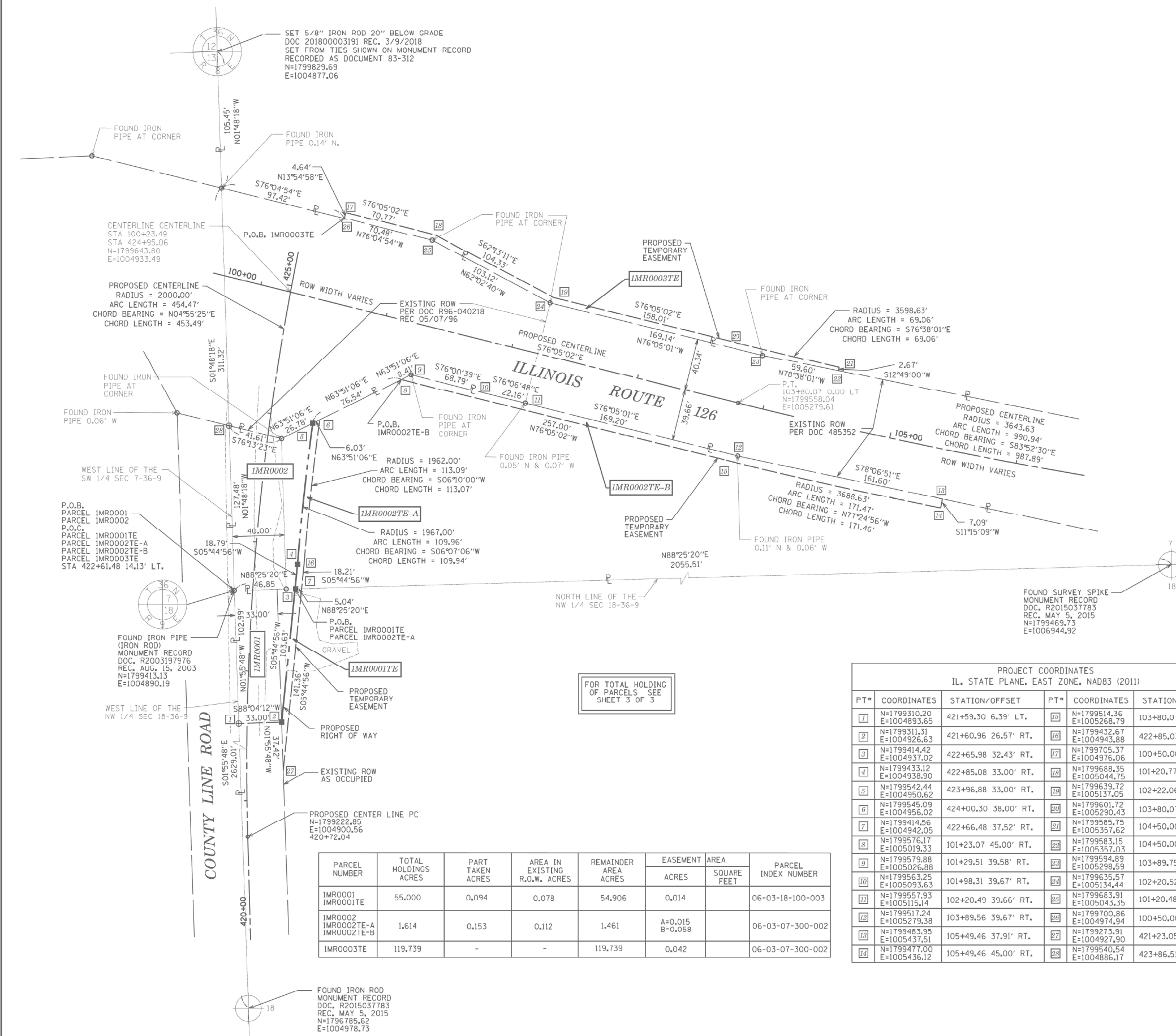
**IL ROUTE 126 AT COUNTY LINE ROAD
 SUE UTILITIES PLAN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	27
			CONTRACT NO. 62G10	
ILLINOIS FED. AID PROJECT				

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PART OF THE SW 1/4 OF SECTION 7 & NW 1/4 SECTION 18, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPL 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 / CALCULATED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
FEET
SCALE: 1" = 40'

- 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.
- M 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 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995092. AREAS SHOWN ON THIS PLAT ARE "GROUND".

STATE OF ILLINOIS))SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 7 AND 18 TOWNSHIP 36 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 _____, ILLINOIS THIS ____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/2020

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



Engineering Enterprises, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
32 Wheeler Road
Sugar Grove, Illinois 60554 Phone: (630) 466-6700
Prof. Design Firm 184-002003 Exp. 4-30-2017

PROJECT COORDINATES IL. STATE PLANE, EAST ZONE, NAD83 (2011)					
PT#	COORDINATES	STATION/OFFSET	PT#	COORDINATES	STATION/OFFSET
17	N=1799310.20 E=1004893.65	421+59.30 6.39' LT.	10	N=1799514.36 E=1005268.79	103+80.07 45.00' RT.
2	N=1799311.31 E=1004926.63	421+60.96 26.57' RT.	16	N=1799432.67 E=1004943.88	422+85.03 38.00' RT.
3	N=1799414.42 E=1004937.02	422+65.98 32.43' RT.	17	N=1799705.37 E=1004976.06	100+50.00 70.00' LT.
4	N=1799433.12 E=1004950.62	422+85.08 33.00' RT.	18	N=1799668.35 E=1005044.75	101+20.77 70.00' LT.
5	N=1799542.44 E=1004956.02	423+96.88 33.00' RT.	19	N=1799639.72 E=1005137.05	102+22.06 45.00' LT.
6	N=1799545.09 E=1004956.02	424+00.30 38.00' RT.	20	N=1799601.72 E=1005290.43	103+80.07 45.00' LT.
7	N=1799414.56 E=1004942.05	422+66.48 37.52' RT.	21	N=1799585.75 E=1005357.62	104+50.00 45.00' LT.
8	N=1799576.17 E=1005019.33	101+23.07 45.00' RT.	22	N=1799583.15 E=1005357.03	104+50.00 42.33' LT.
9	N=1799579.88 E=1005026.88	101+29.51 39.58' RT.	23	N=1799594.89 E=1005298.59	103+89.75 40.33' LT.
10	N=1799563.25 E=1005093.63	101+98.31 39.67' RT.	24	N=1799635.57 E=1005134.44	102+20.52 40.34' LT.
11	N=1799557.93 E=1005115.14	102+20.49 39.66' RT.	25	N=1799663.91 E=1005043.35	101+20.48 65.35' LT.
12	N=1799517.24 E=1005279.38	103+89.56 39.67' RT.	26	N=1799700.86 E=1004974.94	100+50.00 65.36' LT.
13	N=1799483.95 E=1005437.51	105+49.46 37.91' RT.	27	N=1799273.91 E=1004927.90	421+23.05 28.10' RT.
14	N=1799477.00 E=1005436.12	105+49.46 45.00' RT.	28	N=1799540.54 E=1004886.17	423+86.51 30.64' LT.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1MR0001 1MR0001TE	55.000	0.094	0.078	54.906	0.014		06-03-18-100-003
1MR0002 1MR0002TE-A 1MR0002TE-B	1.614	0.153	0.112	1.461	A=0.015 B=0.058		06-03-07-300-002
1MR0003TE	119.739	-	-	119.739	0.042		06-03-07-300-002

FOR TOTAL HOLDING OF PARCELS SEE SHEET 3 OF 3

REVISION MADE BY: MGS REVISION DATE: 09/30/2019

DOT USE ONLY
RECEIVED
SEP 30 2019
PLATS & LEGALS

PLAT OF HIGHWAYS

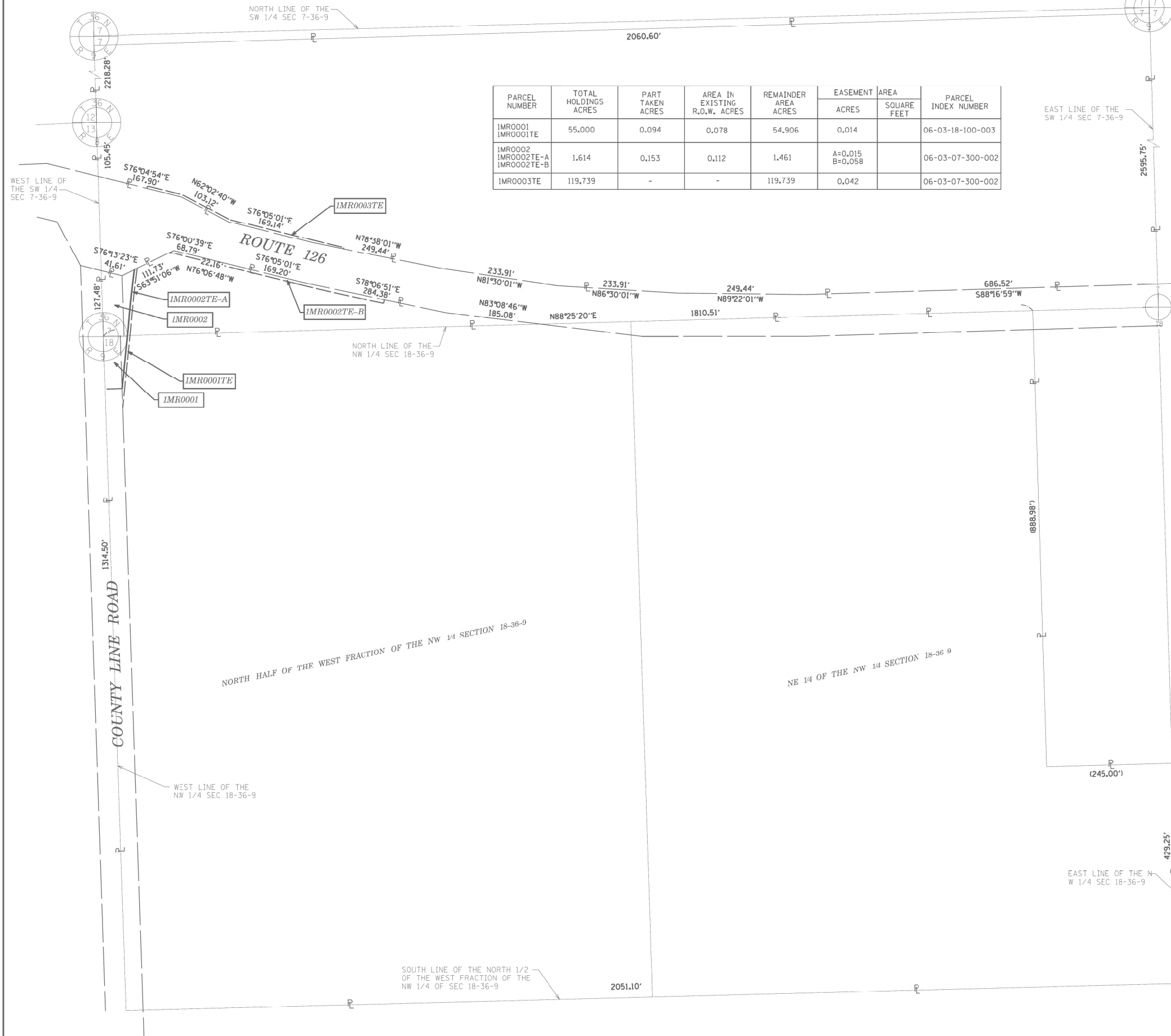
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL. RT 126

LIMITS: COUNTY LINE ROAD COUNTY: WILL
SECTION: STA. 421+23.05 TO STA. 424+30.30 JOB NO.: R-91-025-17
STA. 100+50.00 TO STA. 105+49.46
SCALE: 1" = 40' SHEET 2 OF 3 SHEETS

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

USER NAME = rothjp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS IL 126 AT COUNTY LINE RD		F.A.U. R.T.E. 379	SECTION 119CH&TS	COUNTY WILL	TOTAL SHEETS 61	SHEET NO. 28
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 62G10
PLOT DATE = 5/10/2021	DATE -	REVISED -								

PART OF THE SW 1/4 OF SECTION 7 & NW 1/4 SECTION 18, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 16 15
QUARTER SECTION CORNER: 16 15

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
PROPERTY (DEED) LINE
APL
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 / CALCULATED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
0 100'
SCALE: 1" = 100'

129.32'
(129.32')

- 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.
- M 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 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995092. AREAS SHOWN ON THIS PLAT ARE "GROUND".

STATE OF ILLINOIS)
COUNTY OF KANE)

THIS IS TO CERTIFY THAT WE, ENGINEERING ENTERPRISES INC, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002003, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 7 AND 18 TOWNSHIP 36 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL 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 _____, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3581
LICENSE EXPIRATION DATE: 11/30/2020

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



Engineering Enterprises, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
52 Wheeler Road
Sugar Grove, Illinois 60554 Phone: (630) 466-6700
Prof. Design Firm 184-002003 Exp. 4-30-2017

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL RT 126

LIMITS: COUNTY LINE ROAD
SECTION: COUNTY: WILL
STA. 421+23.05 TO STA. 424+00.30 JOB NO.: R-91-025-17
STA. 100+50.00 TO STA. 105+49.46
SCALE: 1" = 100' SHEET 3 OF 3 SHEETS

IDOT USE ONLY
RECEIVED
SEP 30 2019
PLATS & LEGALS

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

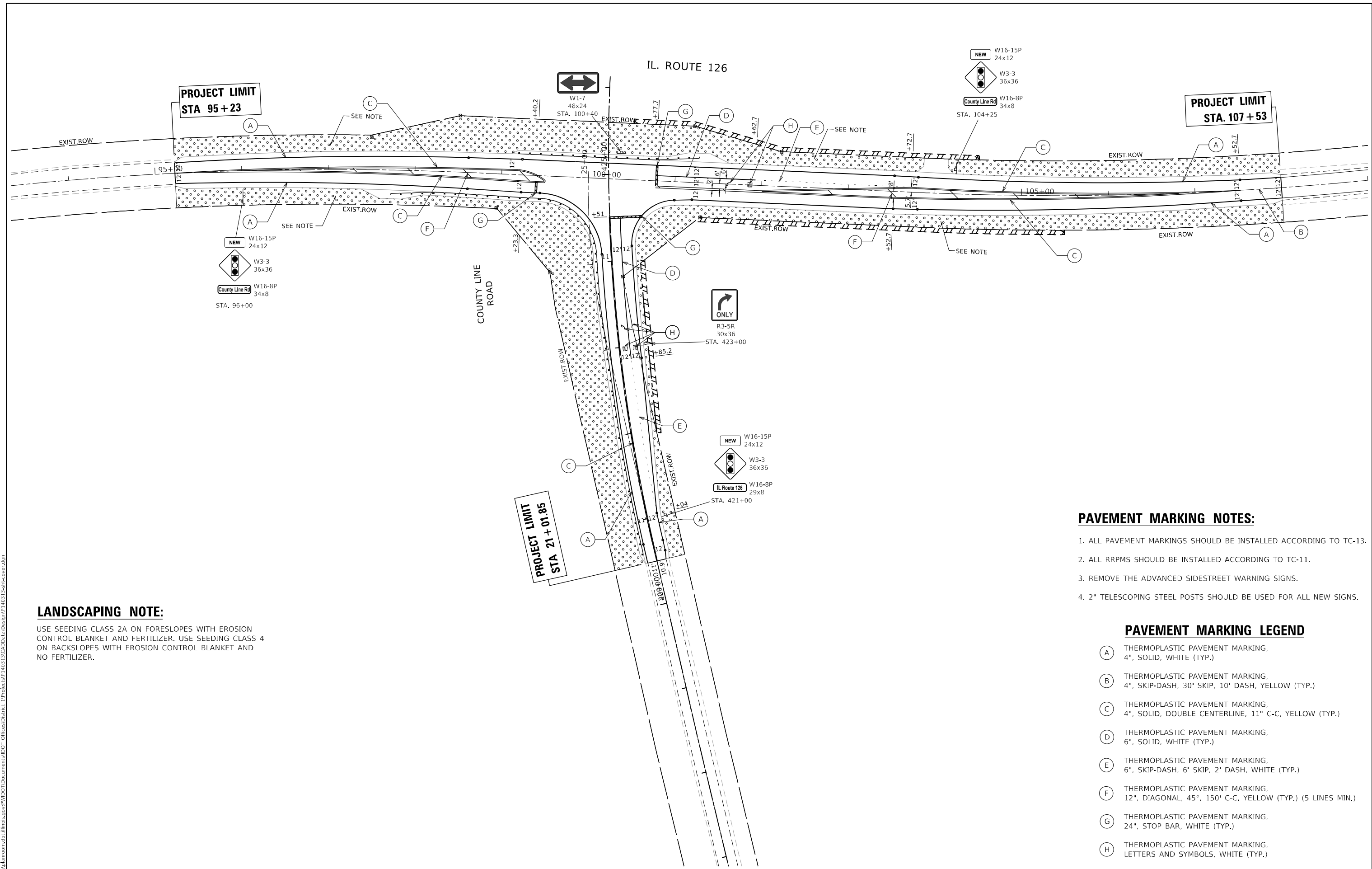
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	28a
			CONTRACT NO. 62G10	

REVISION MADE BY: MGS REVISION DATE: 09/30/2019

USER NAME	DESIGNED	REVISED
= rothjp	-	-
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
IL 126 AT COUNTY LINE RD
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.



PROJECT LIMIT
STA 95+23

PROJECT LIMIT
STA. 107+53

PROJECT LIMIT
STA 21+01.85

LANDSCAPING NOTE:

USE SEEDING CLASS 2A ON FORESLOPES WITH EROSION CONTROL BLANKET AND FERTILIZER. USE SEEDING CLASS 4 ON BACKSLOPES WITH EROSION CONTROL BLANKET AND NO FERTILIZER.

PAVEMENT MARKING NOTES:

1. ALL PAVEMENT MARKINGS SHOULD BE INSTALLED ACCORDING TO TC-13.
2. ALL RRPMS SHOULD BE INSTALLED ACCORDING TO TC-11.
3. REMOVE THE ADVANCED SIDESTREET WARNING SIGNS.
4. 2" TELESCOPING STEEL POSTS SHOULD BE USED FOR ALL NEW SIGNS.

PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING, 4", SOLID, WHITE (TYP.)
- (B) THERMOPLASTIC PAVEMENT MARKING, 4", SKIP-DASH, 30' SKIP, 10' DASH, YELLOW (TYP.)
- (C) THERMOPLASTIC PAVEMENT MARKING, 4", SOLID, DOUBLE CENTERLINE, 11" C-C, YELLOW (TYP.)
- (D) THERMOPLASTIC PAVEMENT MARKING, 6", SOLID, WHITE (TYP.)
- (E) THERMOPLASTIC PAVEMENT MARKING, 6", SKIP-DASH, 6' SKIP, 2' DASH, WHITE (TYP.)
- (F) THERMOPLASTIC PAVEMENT MARKING, 12", DIAGONAL, 45°, 150' C-C, YELLOW (TYP.) (5 LINES MIN.)
- (G) THERMOPLASTIC PAVEMENT MARKING, 24", STOP BAR, WHITE (TYP.)
- (H) THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)

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 OFFICE: DISTRICT 1
 DATE: 6/15/2021

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PLOT DATE = 6/15/2021	DATE -	REVISED -

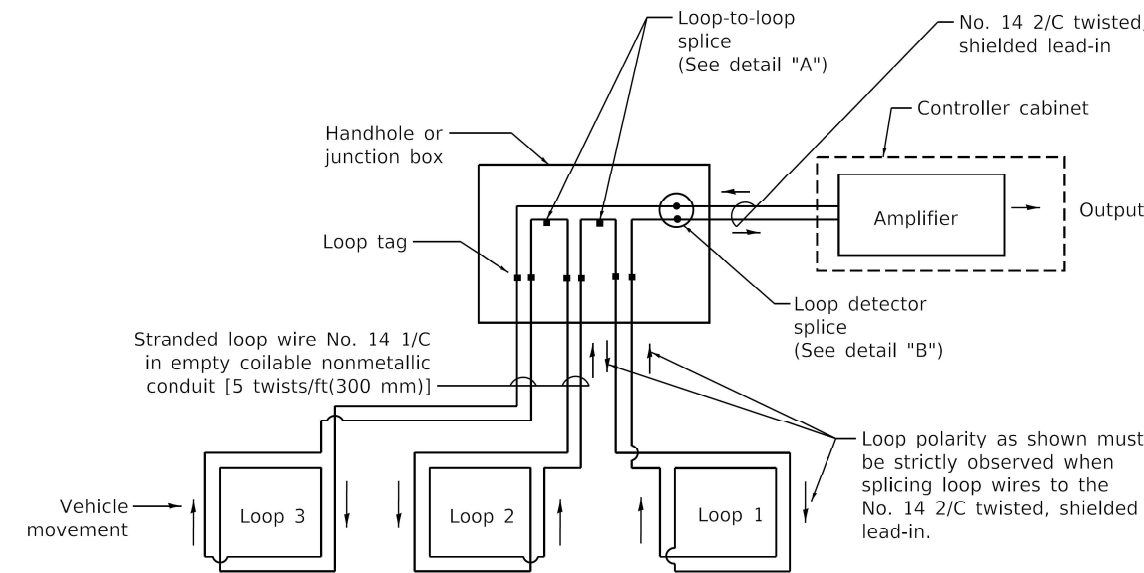
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & LANDSCAPING PLAN	
IL. ROUTE 126 AT COUNTY LINE ROAD	
SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0379	119CH&T5	WILL/KENDALL	61	29
CONTRACT NO. 62G10				
ILLINOIS FED. AID PROJECT				

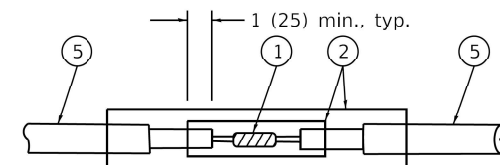
LOOP DETECTOR NOTES

- Each pair of loop wires shall be placed in a separate empty coillable 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). Empty coillable nonmetallic conduit shall be included in the cost of the loop wire.
- 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.
- 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 loop 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 inspections. Loops shall be marked by lane and loop number. See detail below.
- All loop cable shall be fastened with plastic tie wrap to the handhole hooks.
- In asphalt pavement, loops should be placed in the binder and diveholes marked at the curb with a saw-cut. The saw-cut shall be 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) apart.
- 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.
- 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.

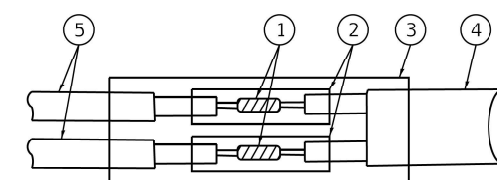


DETECTOR LOOP WIRING SCHEMATIC

- Loops shall be spliced in series.
- Saw-cuts shall be a minimum width of 5/16 (8).
- Saw-cut depths shall be 3 (75). If in concrete, the saw-cut depth shall be to the top of the reinforcement.
- Loop corners shall be drilled with a 2 (50) diameter core.



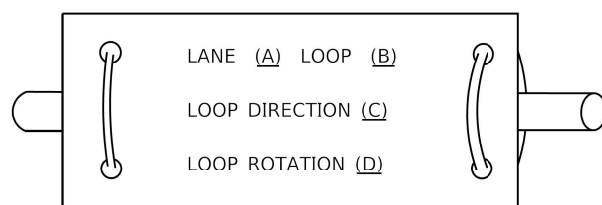
Detail "A"
Loop-to-loop splice



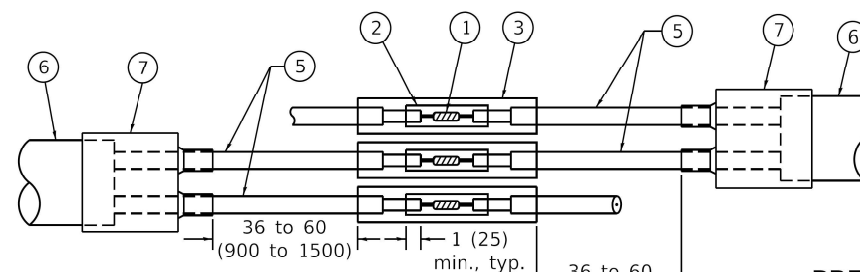
Detail "B"
Loop-to-controller splice

TYPE I LOOP

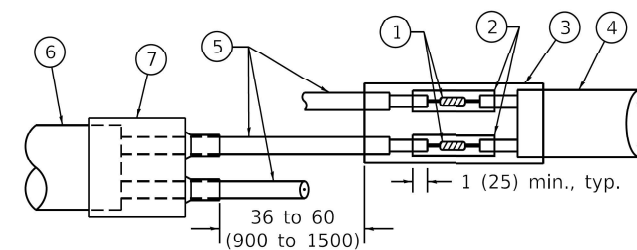
LOOP LEAD-IN CABLE TAG



- Lane 1 is the lane closest to the centerline of the roadway.
- Loop #1 is the loop in the lane closest to the intersection.
- Label loop cable "in" or loop cable "out".
- Label loop cable clockwise or loop cable counterclockwise.



Detail "A"
Loop-to-loop splice



Detail "B"
Loop-to-controller splice

PRE-FORMED LOOP

LOOP DETECTOR SPLICE

- Western Union splice soldered with rosin core flux. All exposed surfaces of the solder shall be smooth. The Western Union splices shall be staggered.
- WCSMW 30/100 heat shrink tube, minimum length 3 (75), underwater grade.
- WCS 200/750 heat shrink tube, minimum length 6 (150), underwater grade.
- No. 14 2/C twisted, shielded cable.
- Loop conductor with flexible plastic tube.
- Pre-formed loop
- XL polyolefin 2 conductor breakout seals. Tyco CBR-2 or approved equal

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

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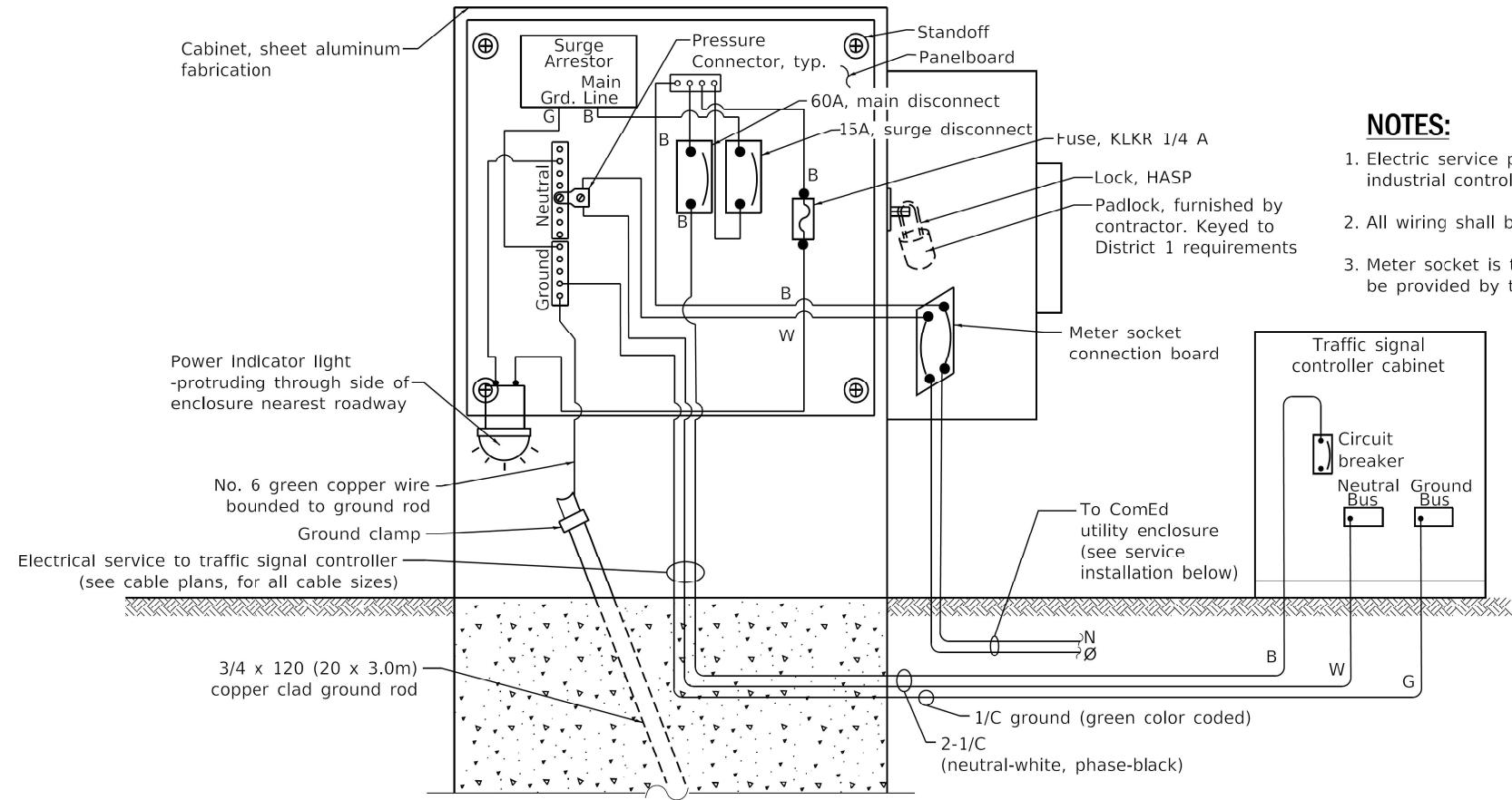
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PLOT DATE = 5/10/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	31
CONTRACT NO. 62G10				
ILLINOIS FED. AID PROJECT				

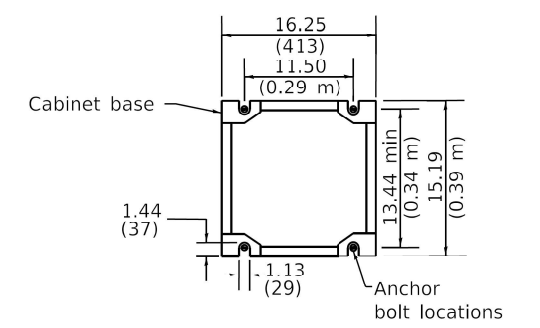
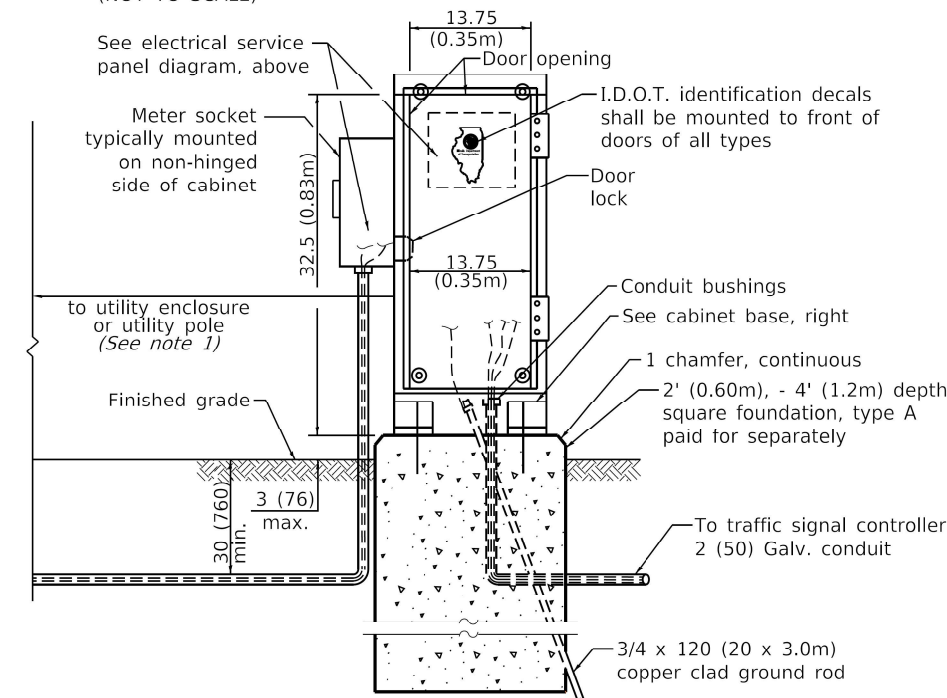


NOTES:

1. Electric service panels shall be constructed to U.L. std 508, industrial control panel, and carry the U.L label.
2. All wiring shall be neatly dressed and supported.
3. Meter socket is to be provided by the contractor. Meter is to be provided by the utility company

**ELECTRICAL SERVICE - PANEL DIAGRAM (GROUND MOUNTED SERVICE)
SERVICE INSTALLATION GROUND MOUNTED**

(NOT TO SCALE)

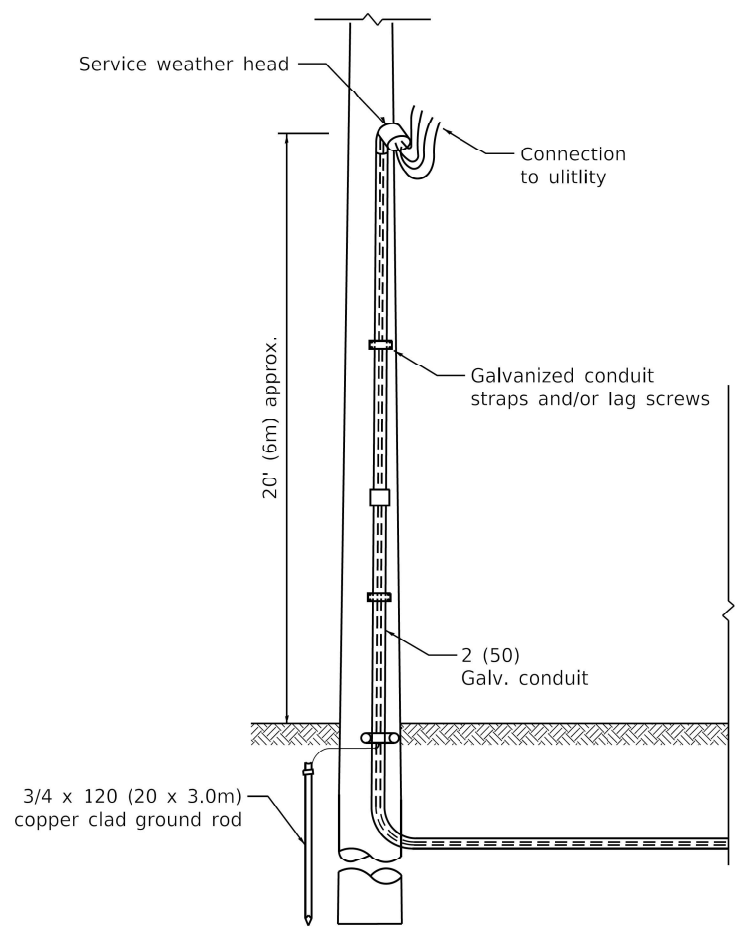


CABINET - BASE BOLT PATTERN
(NOT TO SCALE)

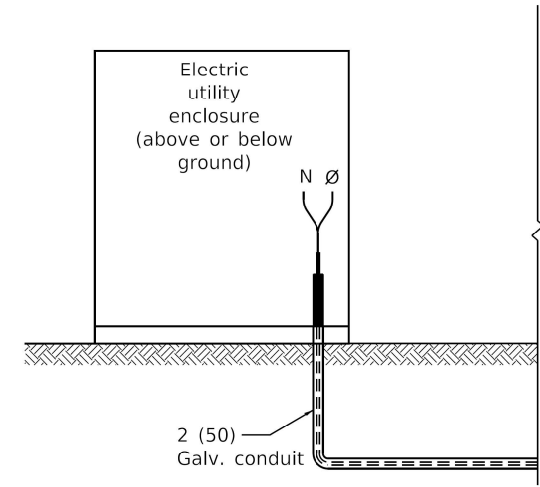
NOTES:

1. Ground mounted service is to be located between traffic controller cabinet and utility connection, preferably 20' (6m) from controller cabinet.

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



CONNECTION TO UTILITY POLE



CONNECTION TO UTILITY ENCLOSURE

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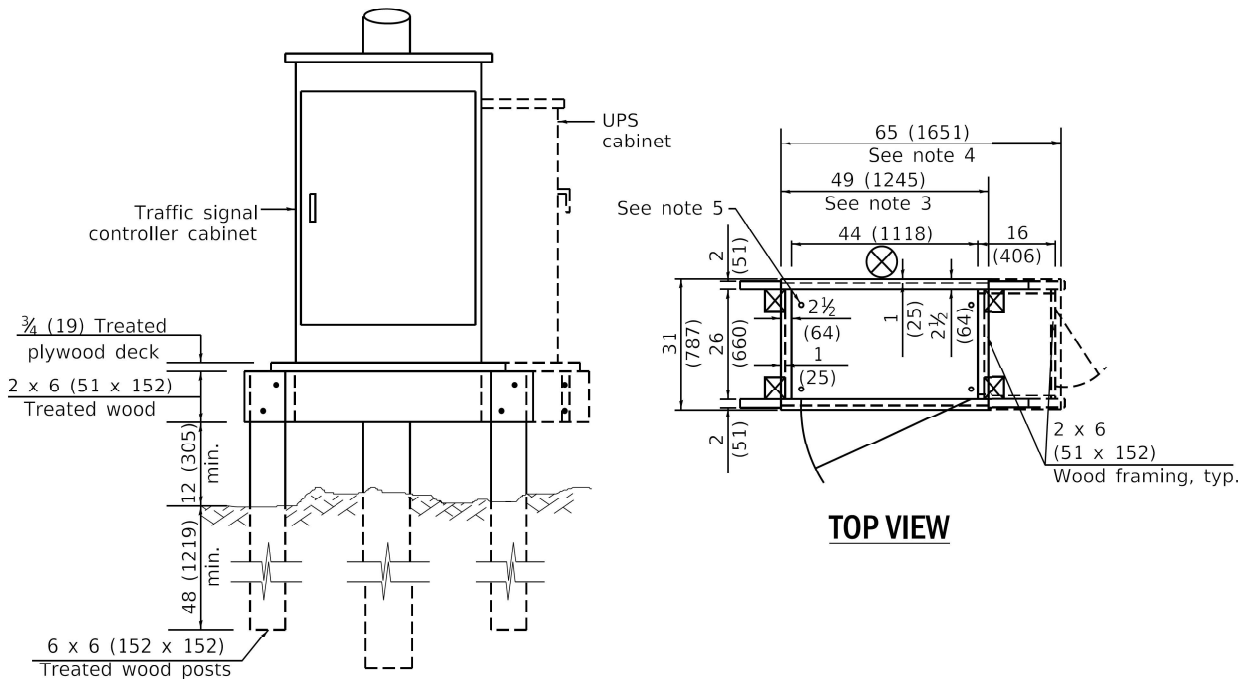
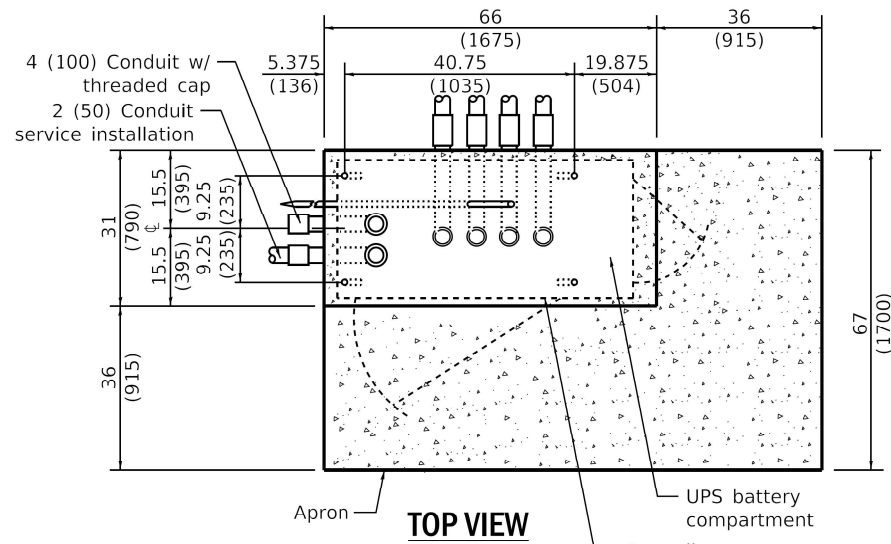
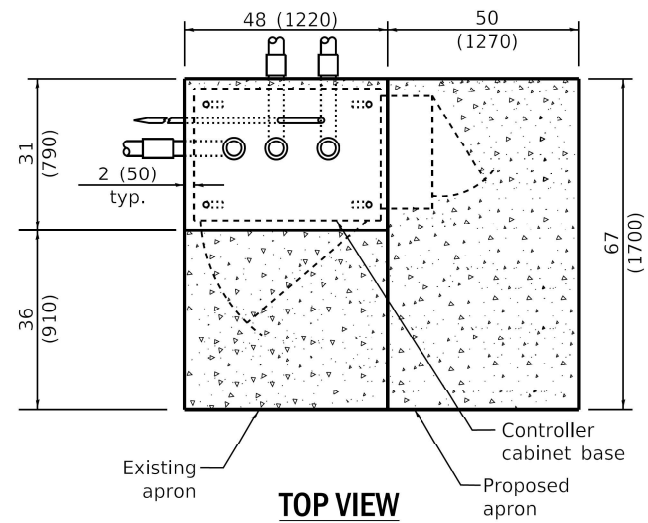
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	DRAWN -	REVISED -
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PLOT DATE = 5/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

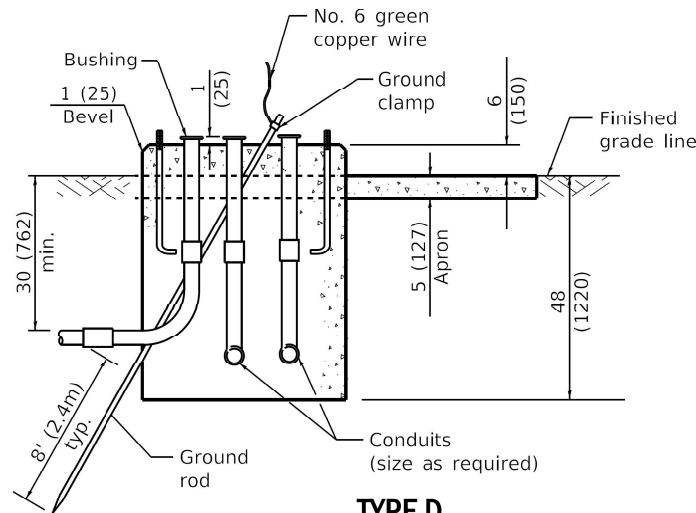
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	33
CONTRACT NO. 62G10				
ILLINOIS FED. AID PROJECT				



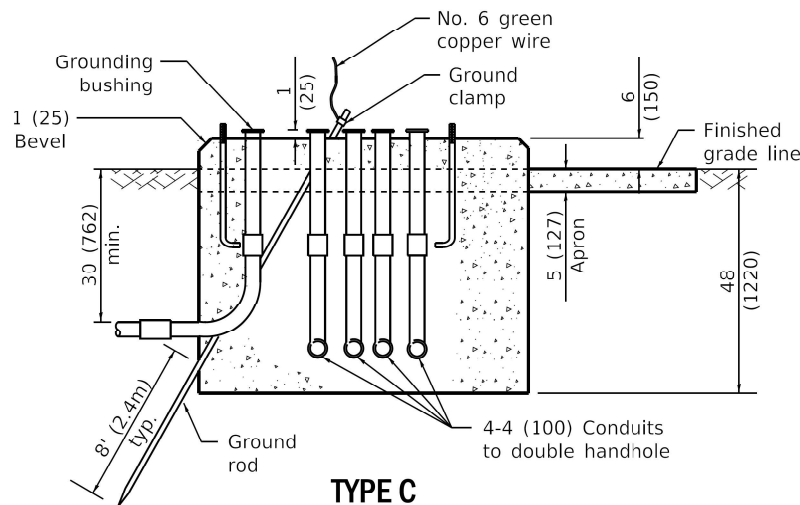
**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

NOTES:

- Based on controller cabinet Type IV with base dimensions of 26 x 44 (660 x 1118). Adjust platform size to fit cabinet base dimensions supplied.
- Based on uninterruptible power supply cabinet with base dimensions of 16 x 25 (406 x 635). Adjust platform size to fit cabinet base dimensions being supplied.
- Platform size for controller cabinet Type IV.
- Platform size for controller cabinet Type IV and uninterruptible power supply cabinet.
- 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.
- Fasten all support wood framing to the wood posts with 2 lag screws for each connection.



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



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

NOTE:

Top of foundation shall be higher than top of double handhole

FOUNDATION	DEPTH
Type A - Signal post	4' (1.2m)
Type C - Controller with UPS	4' (1.2m)
Type D - Controller	4' (1.2m)
Service installation, ground mount, Type A - Square	4' (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1m)	10'-0" (3.0m)	30 (750)	24 (600)	8	6 (19)
Greater than or equal to 30' (9.1m) and less than 40' (12.2m)	13'-6" (4.1m)	30 (750)	24 (600)	8	6 (19)
Greater than or equal to 40' (12.2m) and less than 50' (15.2m)	11'-0" (3.4m)	36 (900)	30 (750)	12	7 (22)
Greater than or equal to 50' (15.2m) and up to 55' (16.8m)	13'-0" (4.0m)	36 (900)	30 (750)	12	7 (22)
Greater than or equal to 55' (16.8m) and less than 65' (19.8m)	15'-0" (4.6m)	36 (900)	30 (750)	12	7 (22)
Greater than or equal to 65' (19.8m) and up to 75' (22.9m)	21'-0" (6.4m)	42 (1060)	36 (900)	16	8 (25)
Greater than or equal to 75' (22.9m) and up to 75' (22.9m)	25'-0" (7.6m)	42 (1060)	36 (900)	16	8 (25)

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

NOTES:

- 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.
- Combination mast arm assemblies under 55' (16.8m) shall use 36 (900) diameter foundations.
- Combination mast arm assemblies over 56' (16.8m) through 75' (22.9m) shall use 42 (1060) diameter foundations.
- For mast arm assemblies with dual arms refer to state standard 878001.
- Anchor rod number, size, and pattern shall be per mast arm pole manufacturer recommendations.

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 (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

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

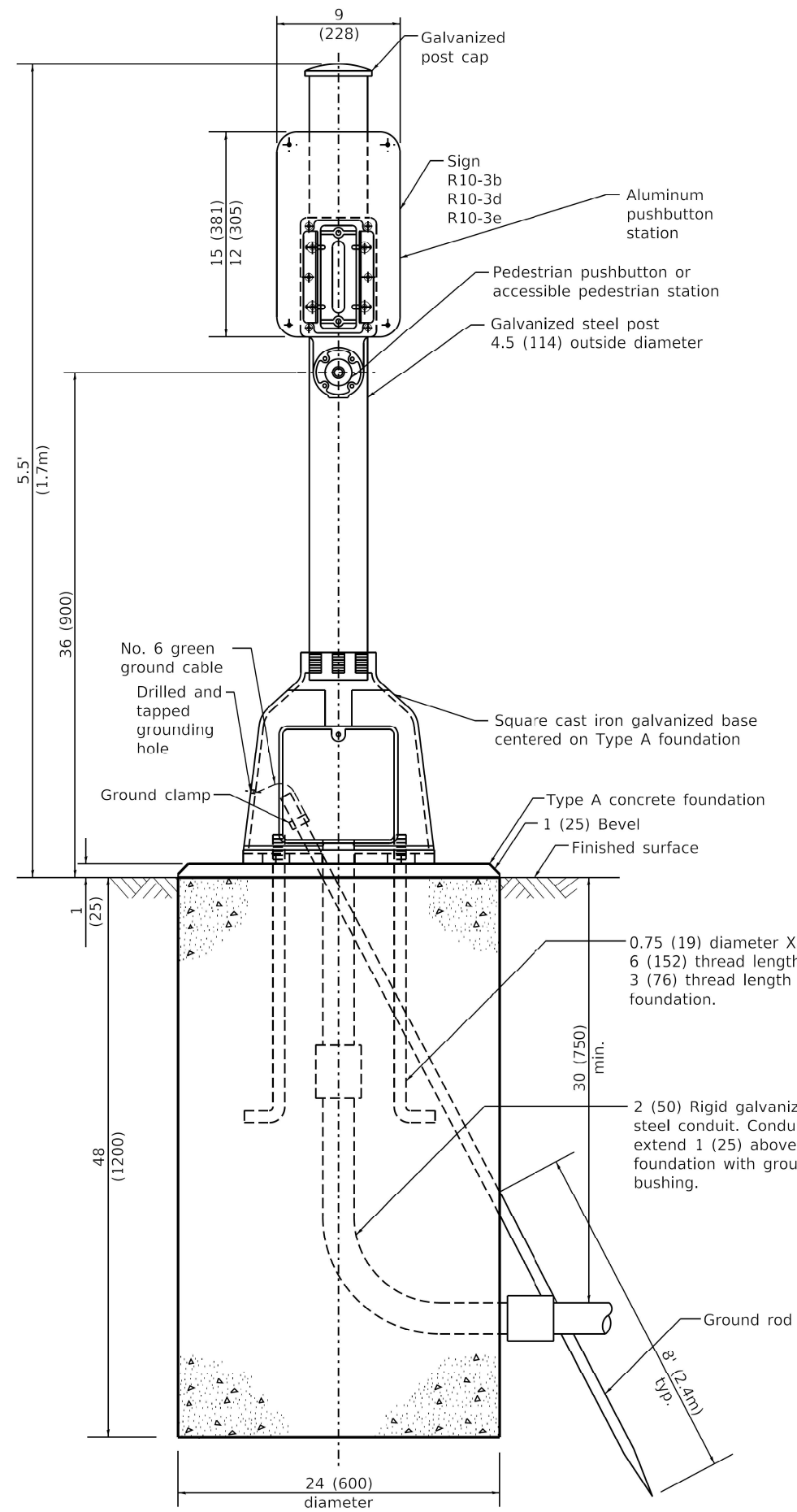
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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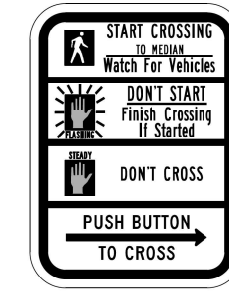
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ILLINOIS FED. AID PROJECT

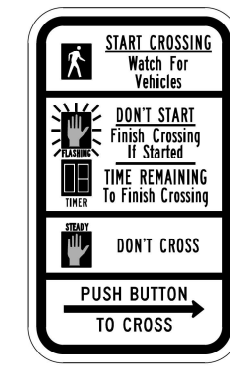
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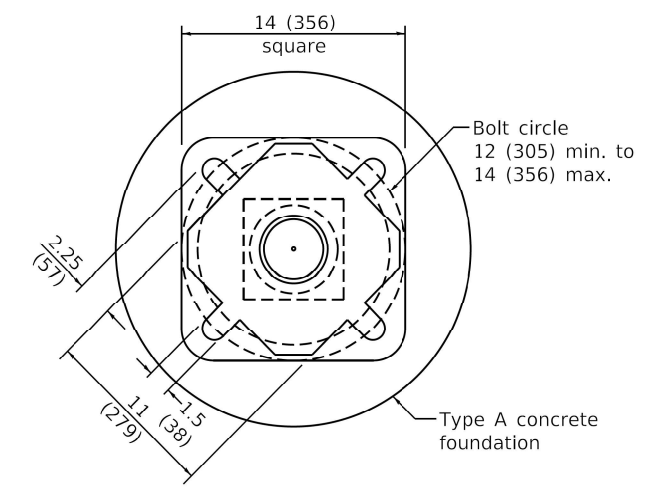
R10-3b
9 (228) X 12 (305)



R10-3d
9 (228) X 12 (305)



R10-3e
9 (228) X 15 (381)



BOLT PATTERN
PEDESTRIAN PUSH BUTTON POST, TYPE A

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

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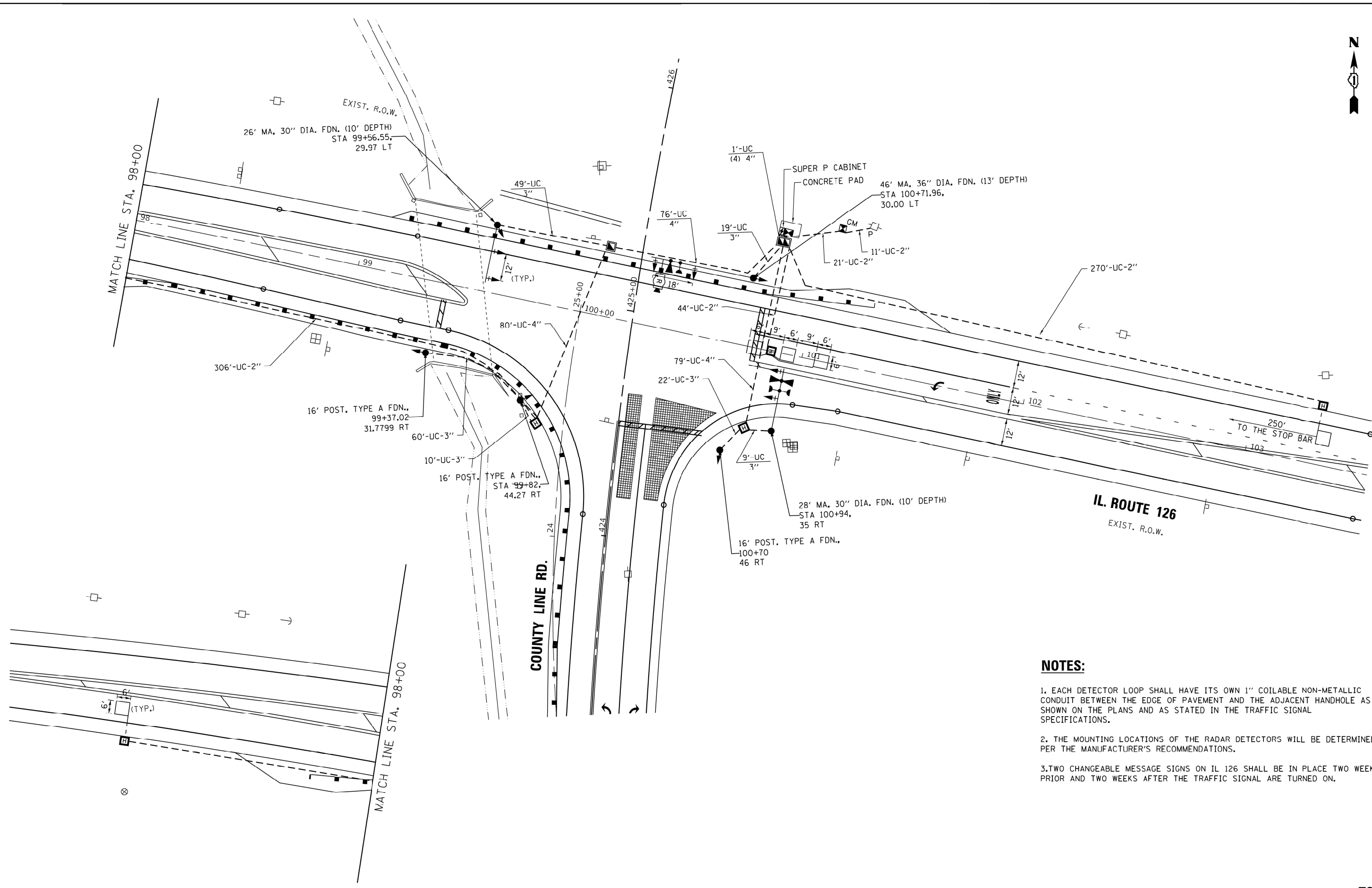
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PLOT DATE = 5/10/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G10	



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.
2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.
3. TWO CHANGEABLE MESSAGE SIGNS ON IL 126 SHALL BE IN PLACE TWO WEEKS PRIOR AND TWO WEEKS AFTER THE TRAFFIC SIGNAL ARE TURNED ON.

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 OFFICE: DISTRICT 1
 DATE: 5/10/2021

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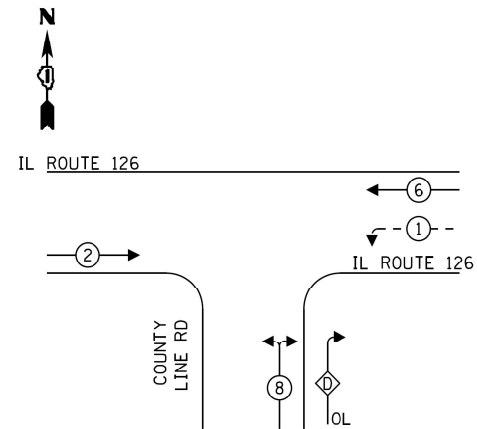
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODERNIZATION PLAN IL ROUTE 126 AT COUNTY LINE ROAD	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	37
CONTRACT NO. 62G10				
ILLINOIS FED. AID PROJECT				

TS 20966

PROPOSED CONTROLLER SEQUENCE



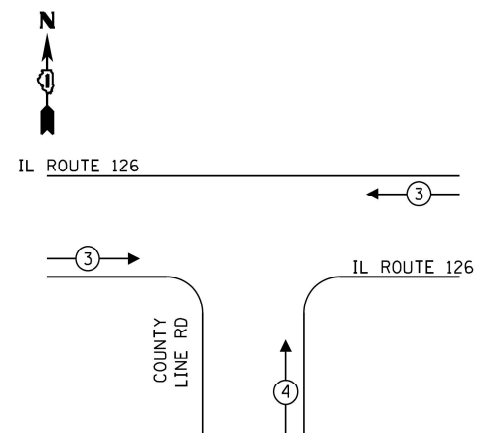
LEGEND:

- ←(*) PROTECTED PHASE
- ←-(*)- PROTECTED/PERMITTED PHASE
- ←-(*)-> PEDESTRIAN PHASE
- ←(OL) OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER = PERMISSIVE PHASE + PROTECTED PHASE
 D = 8 + 1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



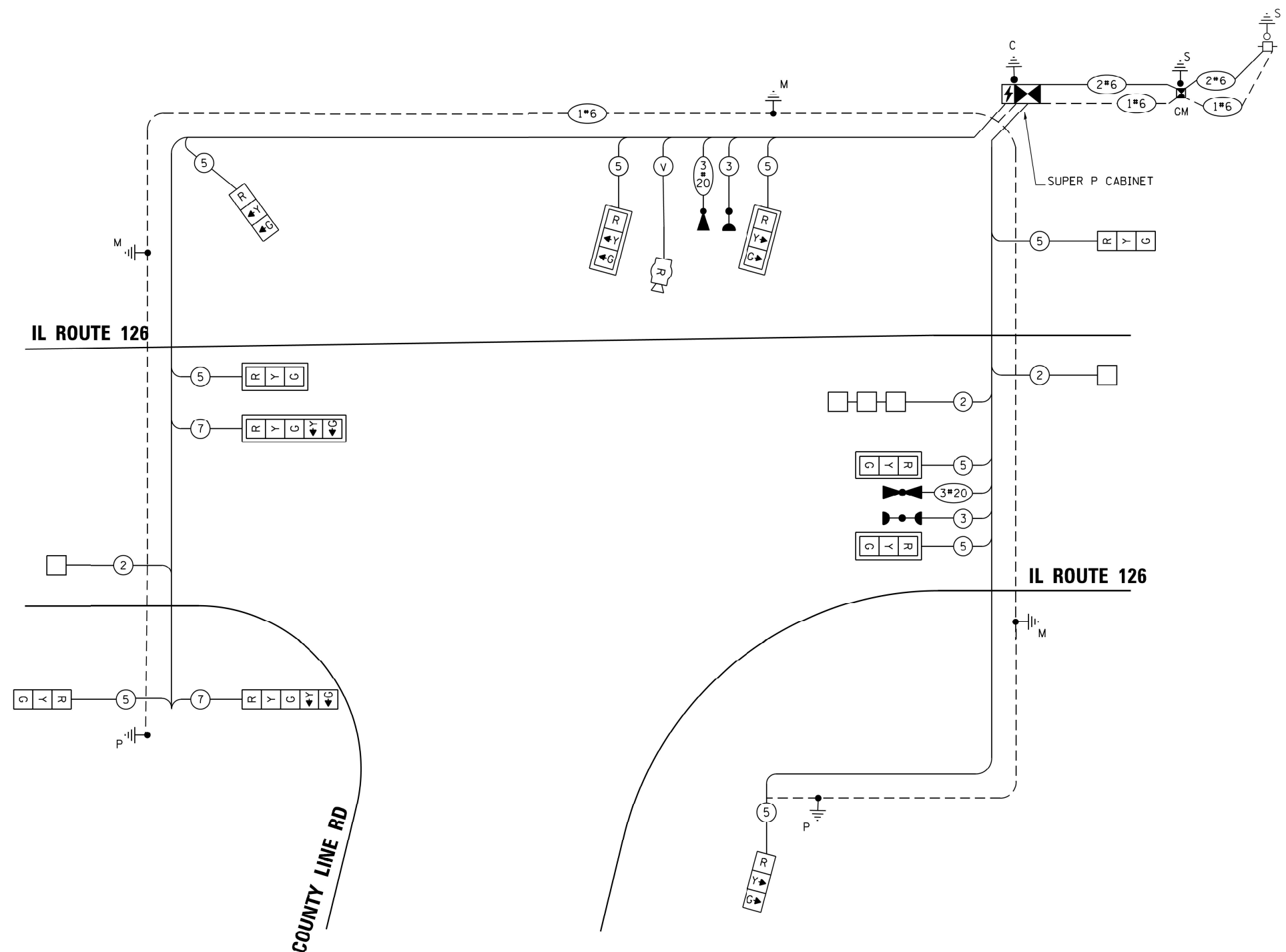
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	11	11	50	60.5
(YELLOW)	11	20	5	11.0
(GREEN)	11	12	45	59.4
PERMISSIVE ARROW	4	10	10	4.0
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	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				410

ENERGY COSTS TO:

PLAINFIELD TOWNSHIP
 22525 W. LOCKPORT STREET
 PLAINFIELD, IL 60544

ENERGY SUPPLY: CONTACT: ERIC JOSTES
 PHONE: (630) 437-2927
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---



CABLE PLAN
 (NOT TO SCALE)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

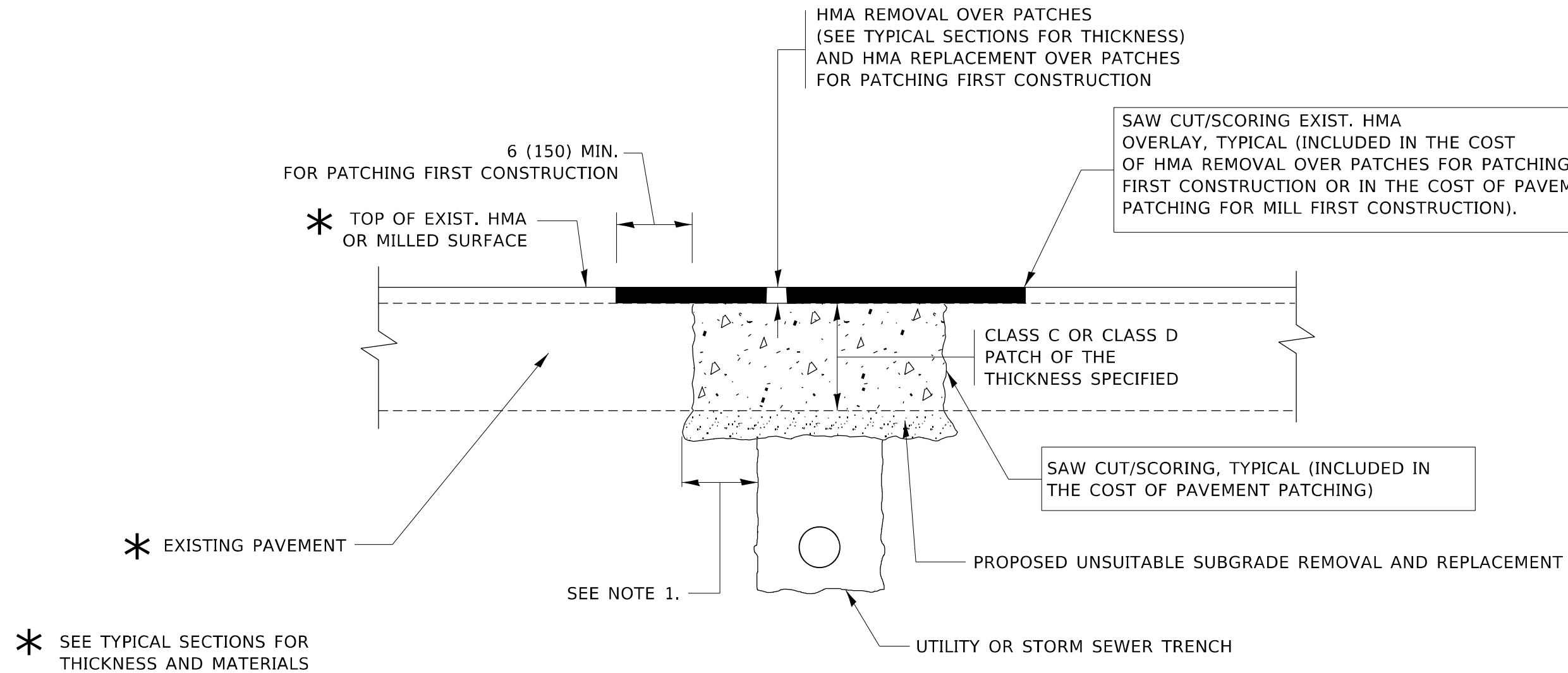
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE
 PREEMPTION SEQUENCE - IL ROUTE 126 AT COUNTY LINE ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

TS 20966

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	38
				CONTRACT NO. 62G10
		ILLINOIS	FED. AID PROJECT	

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NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

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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	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07
PLOT DATE = 5/10/2021	DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	40
BD400-04 (BD-22)			CONTRACT NO. 62G10	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

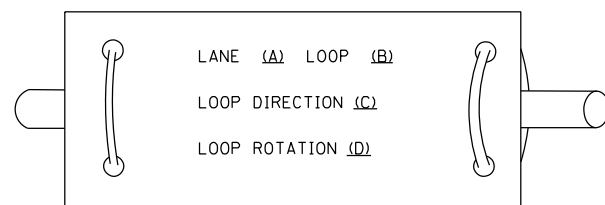
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05		CONTRACT NO. 62G10		
ILLINOIS FED. AID PROJECT				

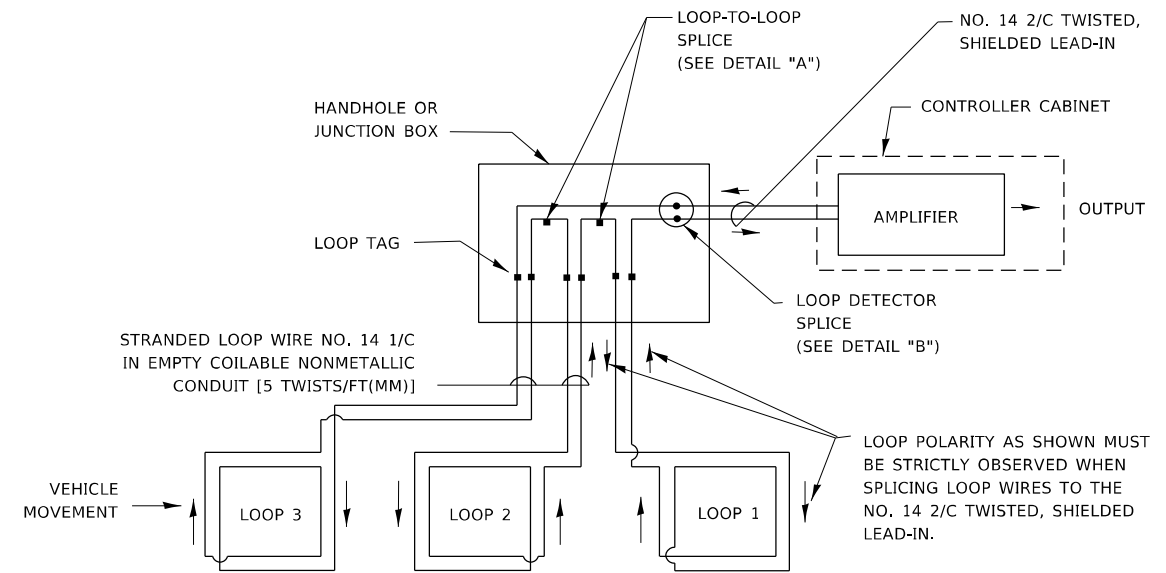
LOOP DETECTOR NOTES

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 DIVEHOLES 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.

LOOP LEAD-IN CABLE TAG

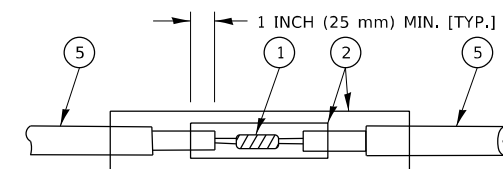


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

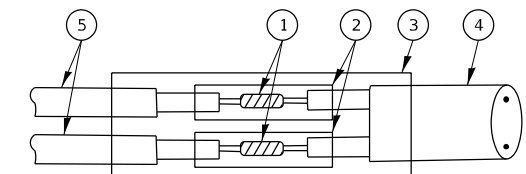


DETECTOR LOOP WIRING SCHEMATIC

- 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.

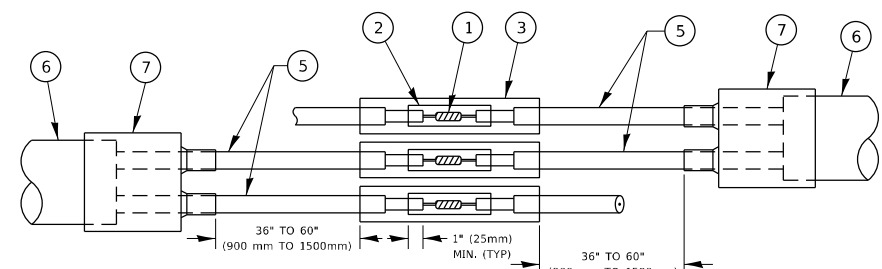


DETAIL "A"
LOOP-TO-LOOP SPLICE

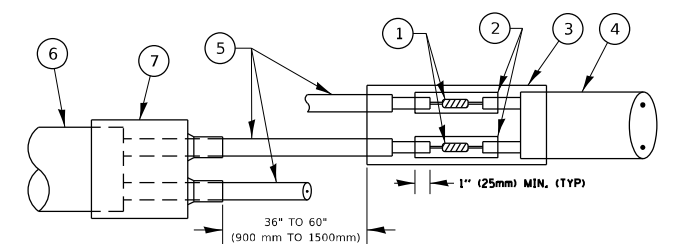


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

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. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

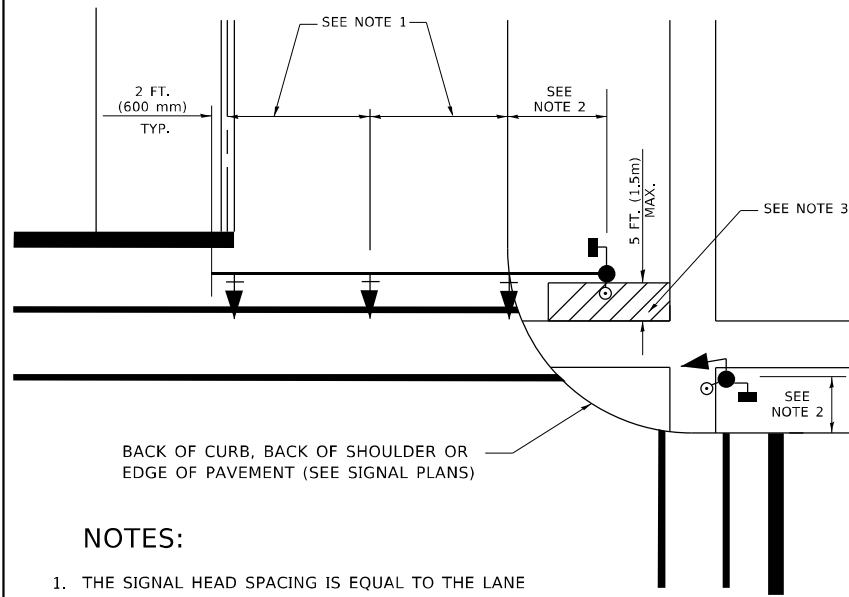
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	44
TS-05		CONTRACT NO. 62G10		
ILLINOIS		FED. AID PROJECT		

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
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TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

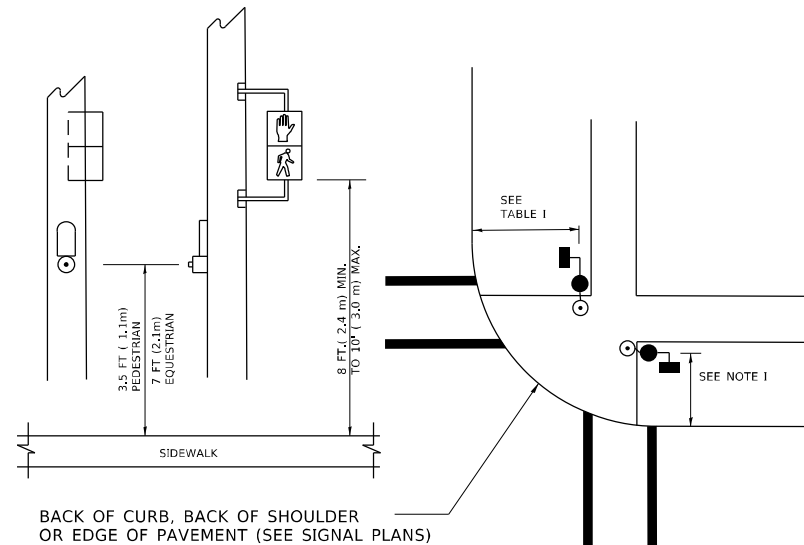
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

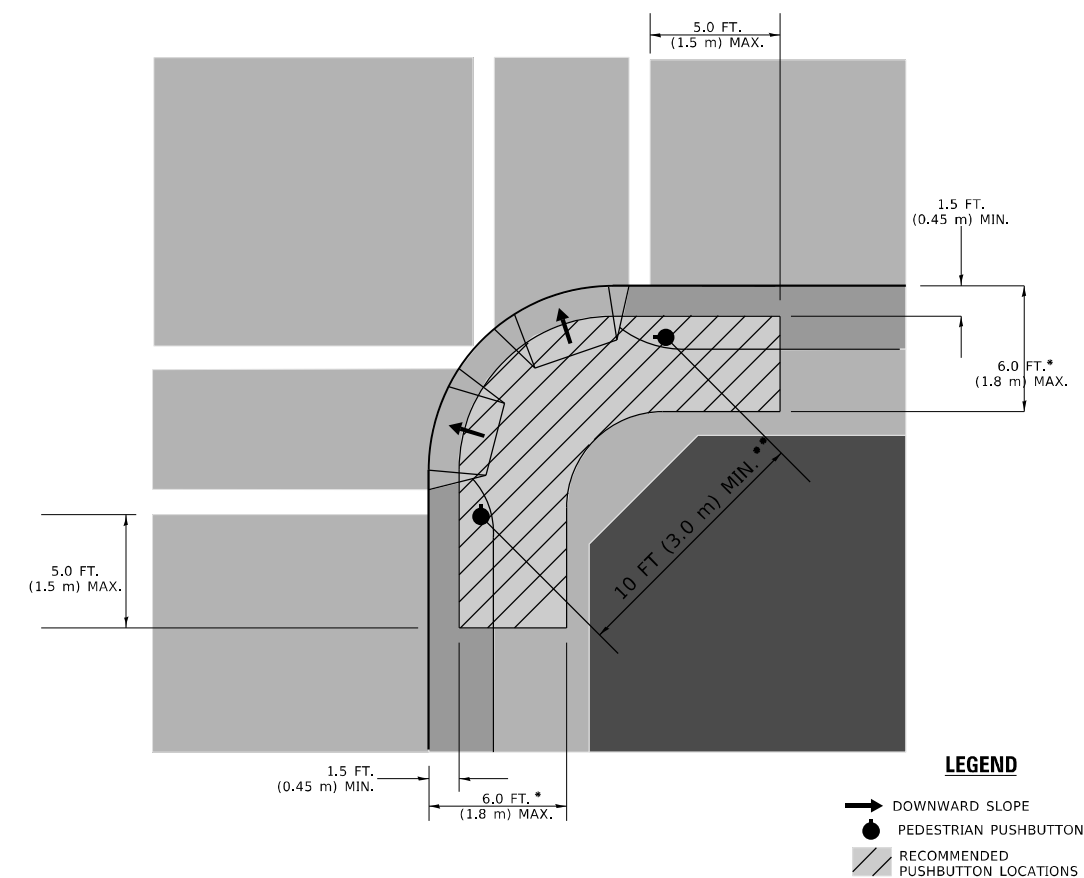
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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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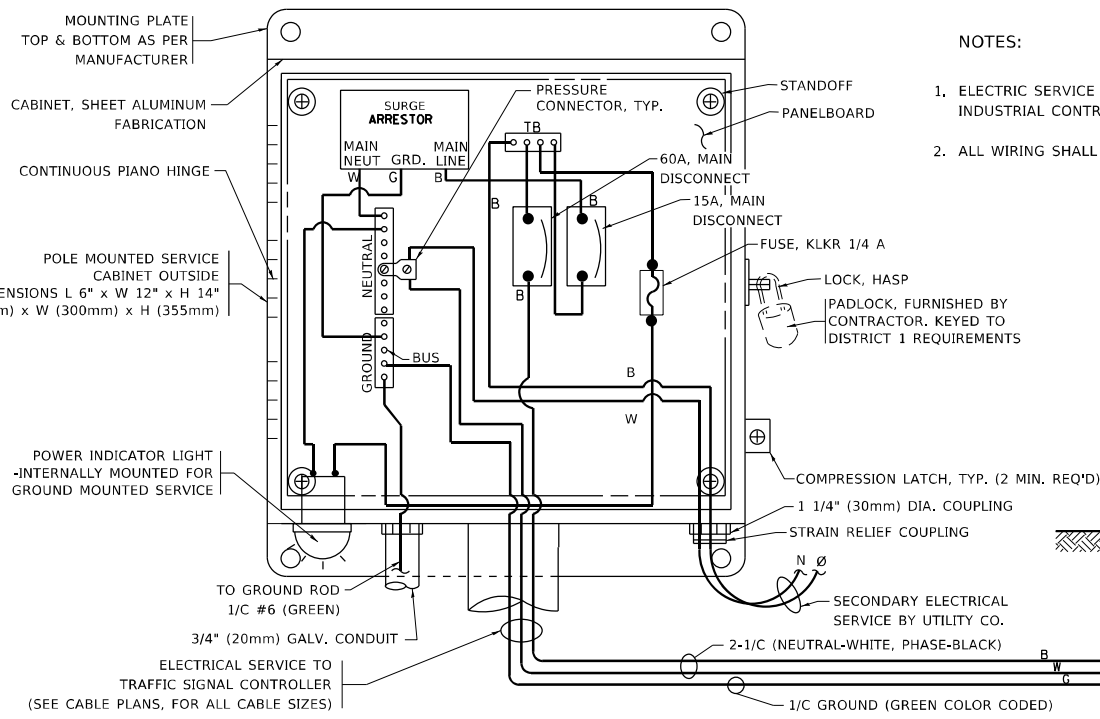
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

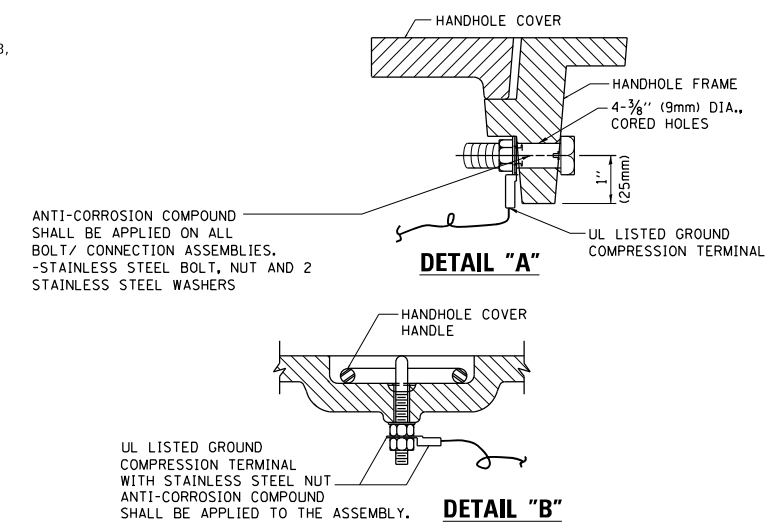
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05		CONTRACT NO. 62G10		
ILLINOIS FED. AID PROJECT				

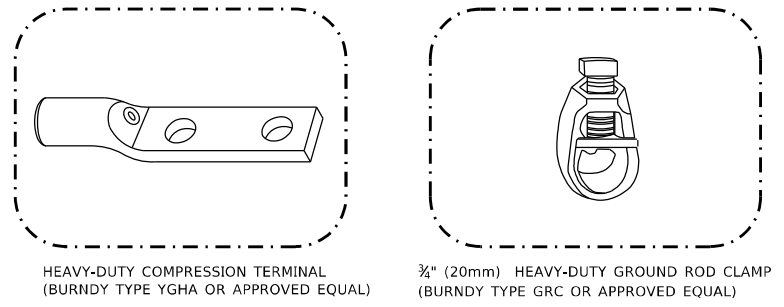


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



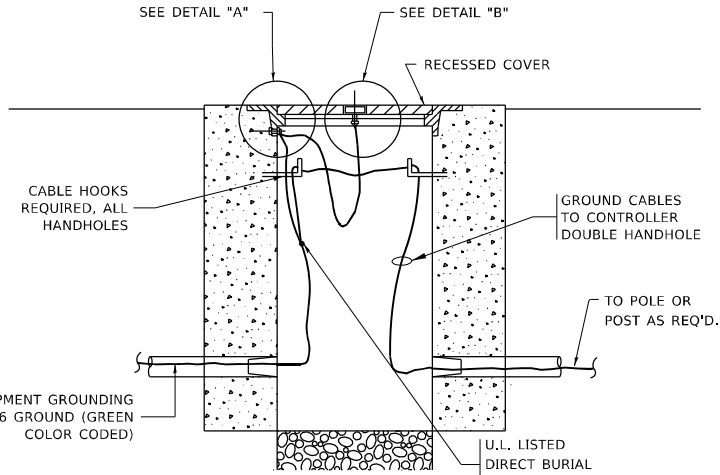
NOTES:
GROUNDING SYSTEM

- 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.
- 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.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

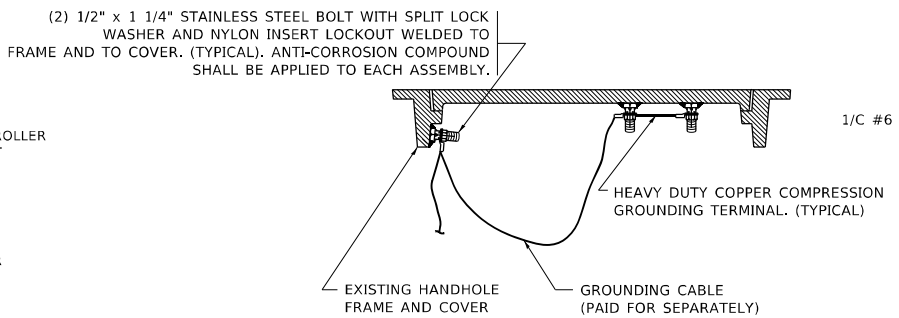


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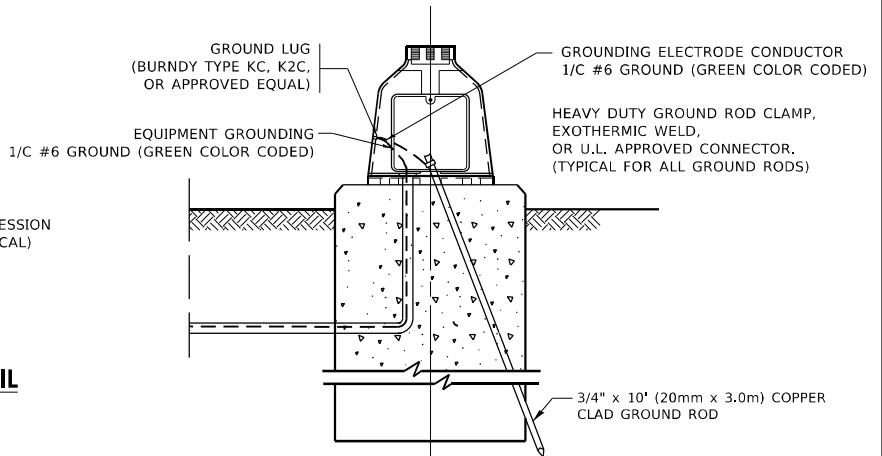
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



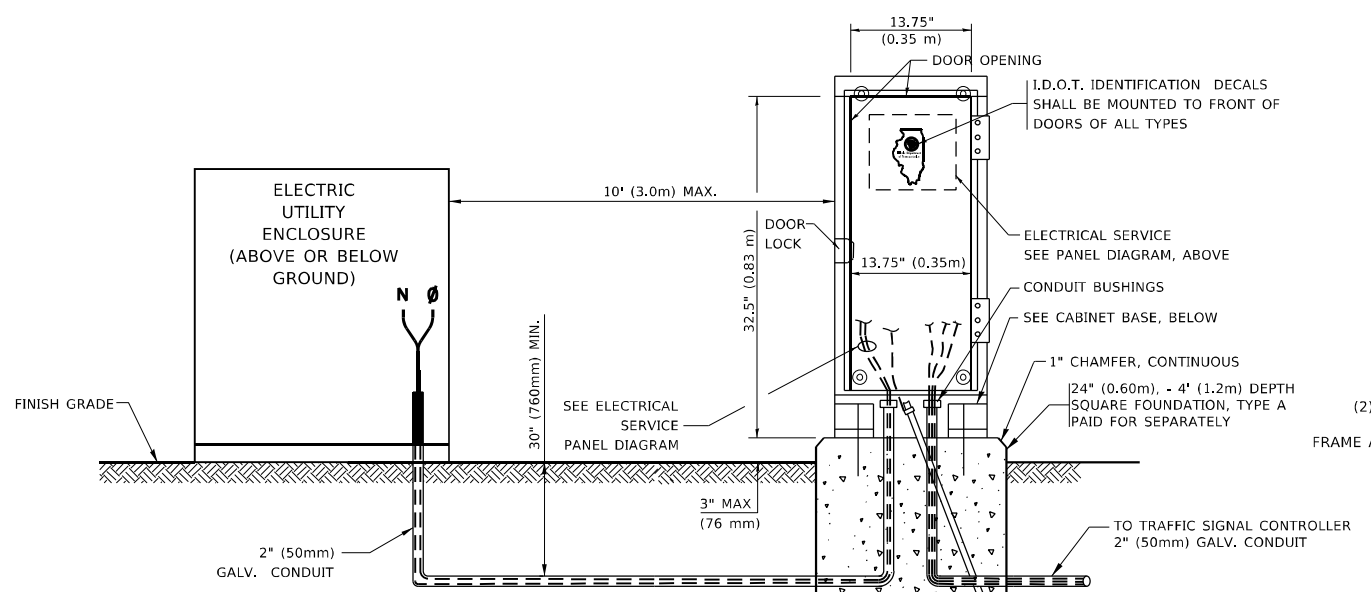
HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)

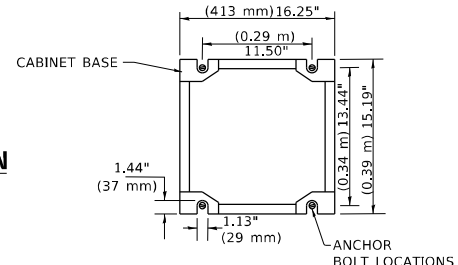


MAST ARM POLE /POST-GROUNDING DETAIL
 (NOT TO SCALE)



SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)



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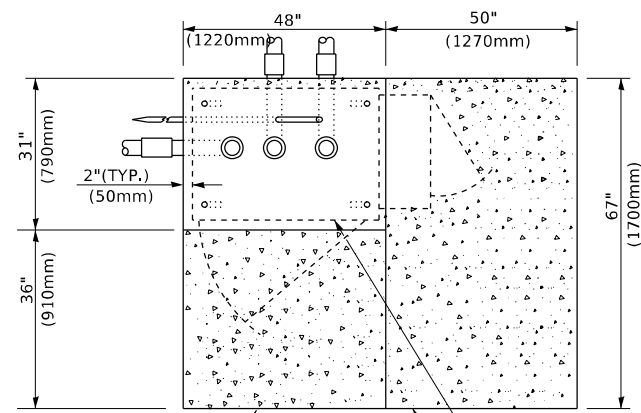
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	DRAWN -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

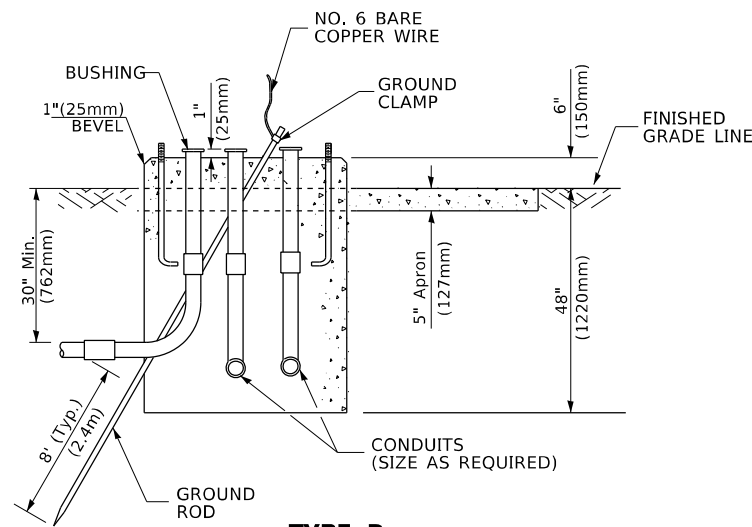
**DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

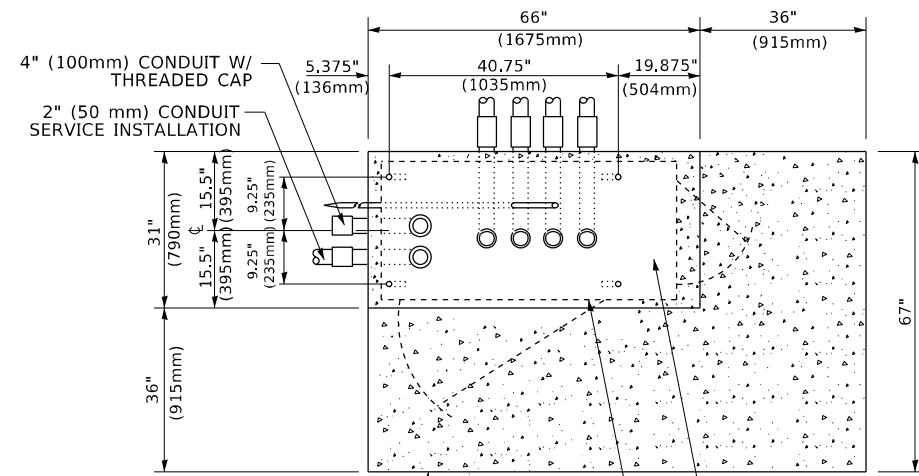
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TS-05		CONTRACT NO. 62G10		
ILLINOIS FED. AID PROJECT				



TOP VIEW



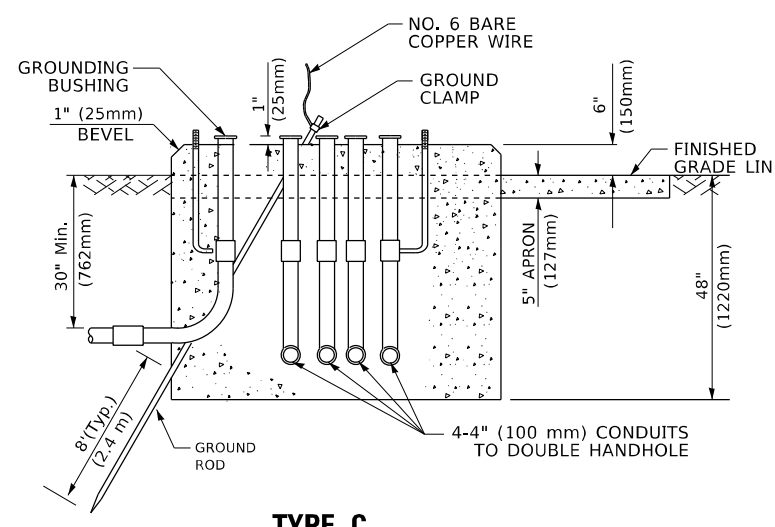
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



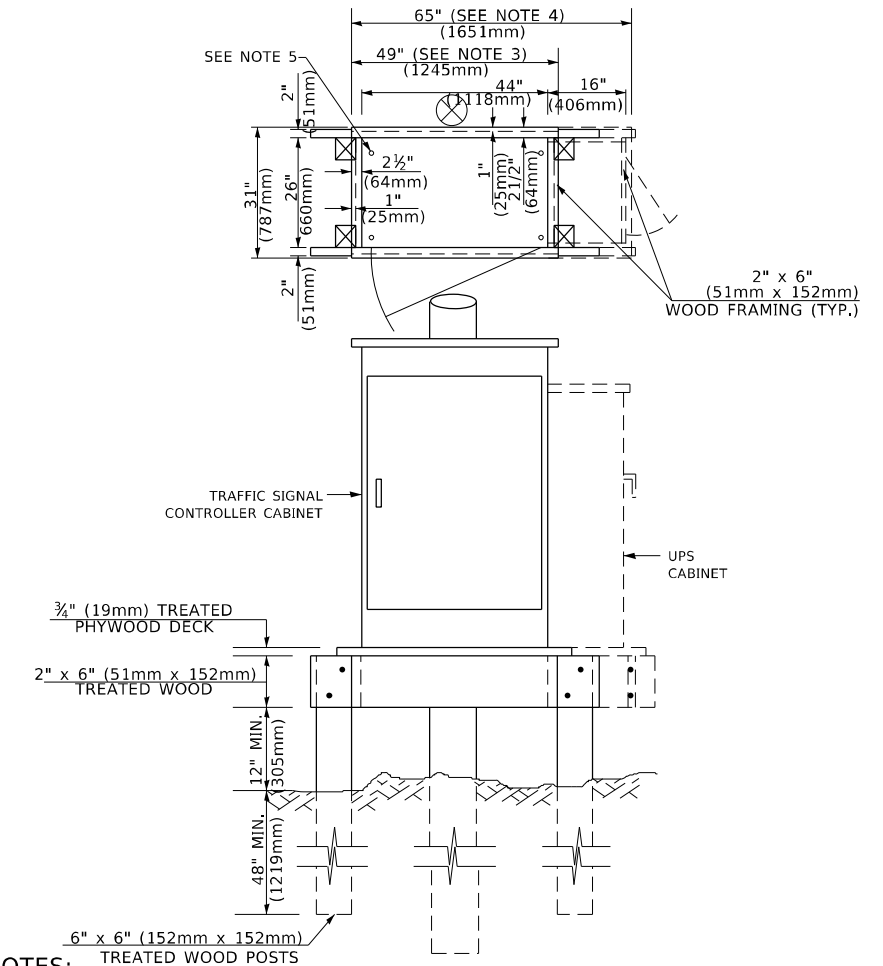
TOP VIEW

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 up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	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..

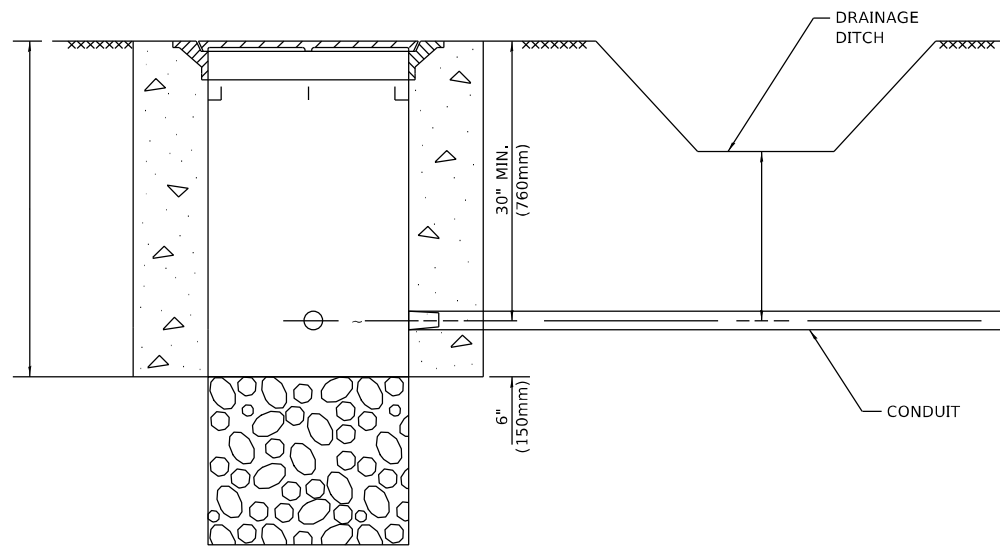
DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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PLOT DATE = 5/10/2021	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

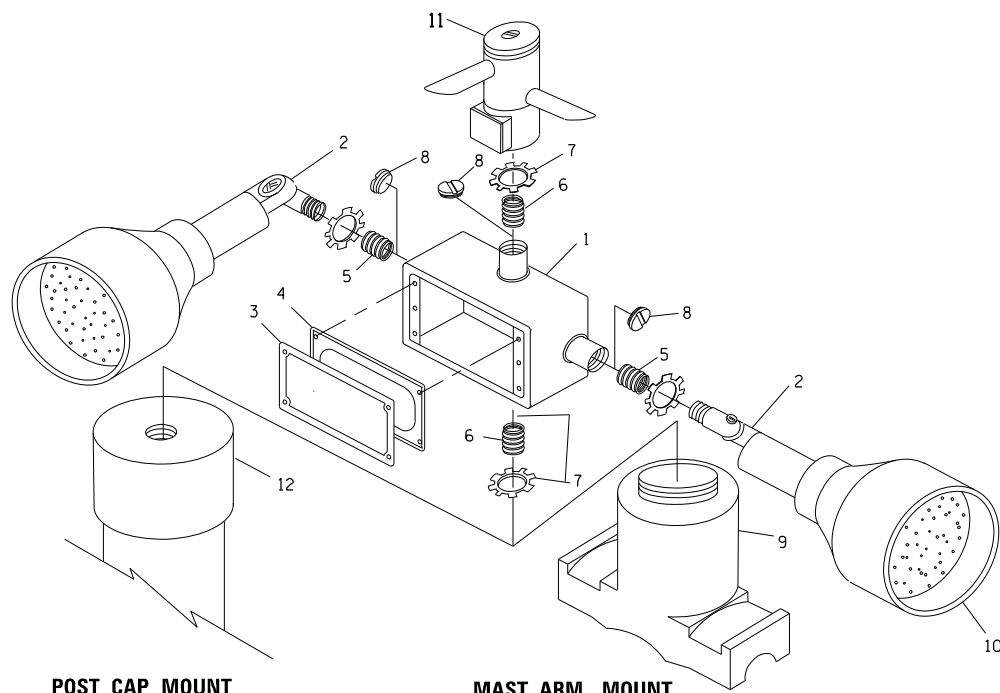
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DISTRICT ONE		SECTION		COUNTY	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS		119CH&TS		WILL/KENDALL	
		TS-05		CONTRACT NO. 62G10	
		ILLINOIS		FED. AID PROJECT	



NOTES:

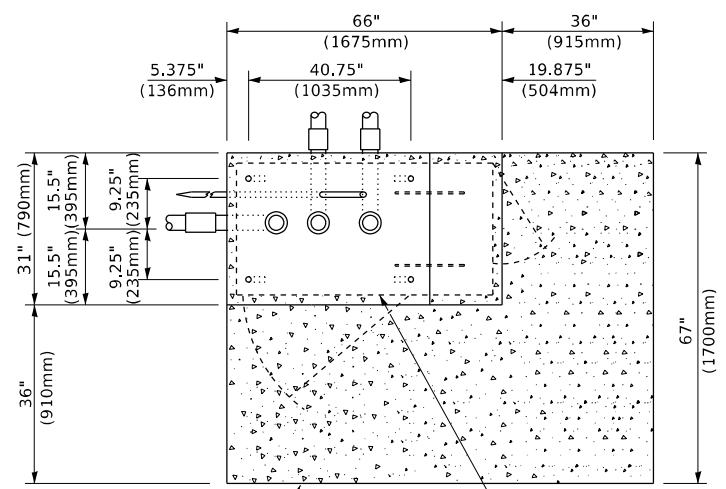
1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY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

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)

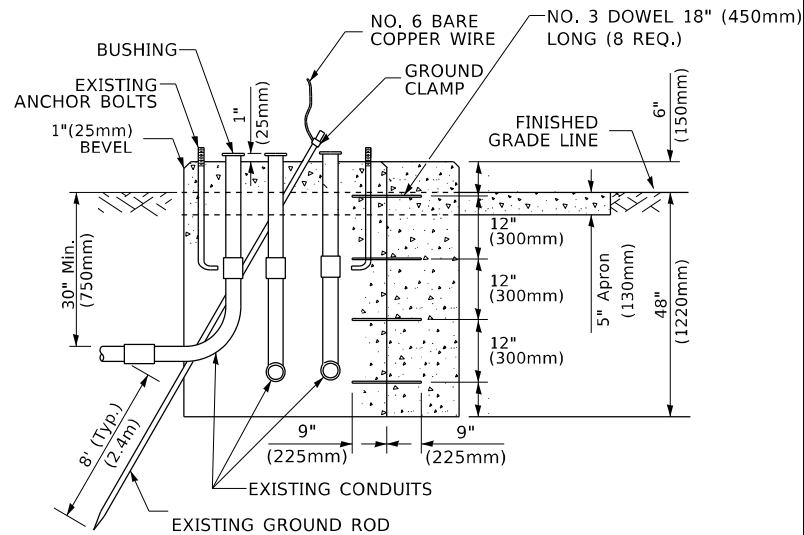


POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

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TOP VIEW
(NOT TO SCALE)



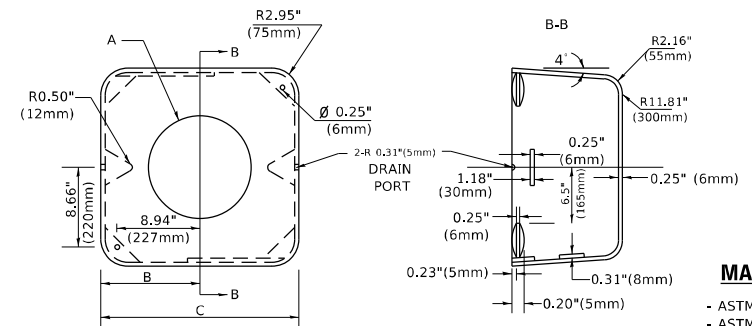
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

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

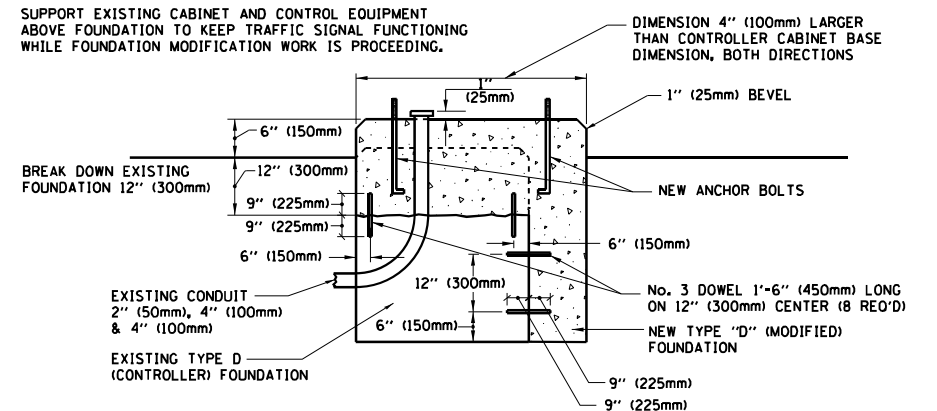
SHROUD

NOTES:

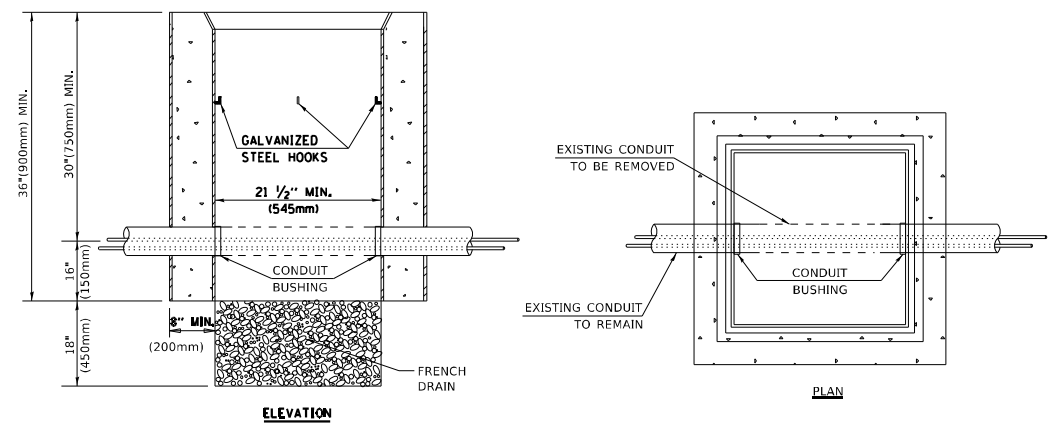
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

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



NOTES:

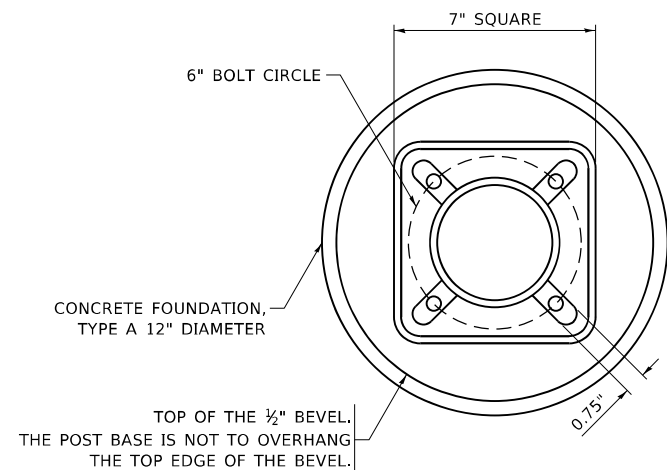
1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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	DRAWN -	REVISED -
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DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET 6	OF 7 SHEETS	STA. TO STA.

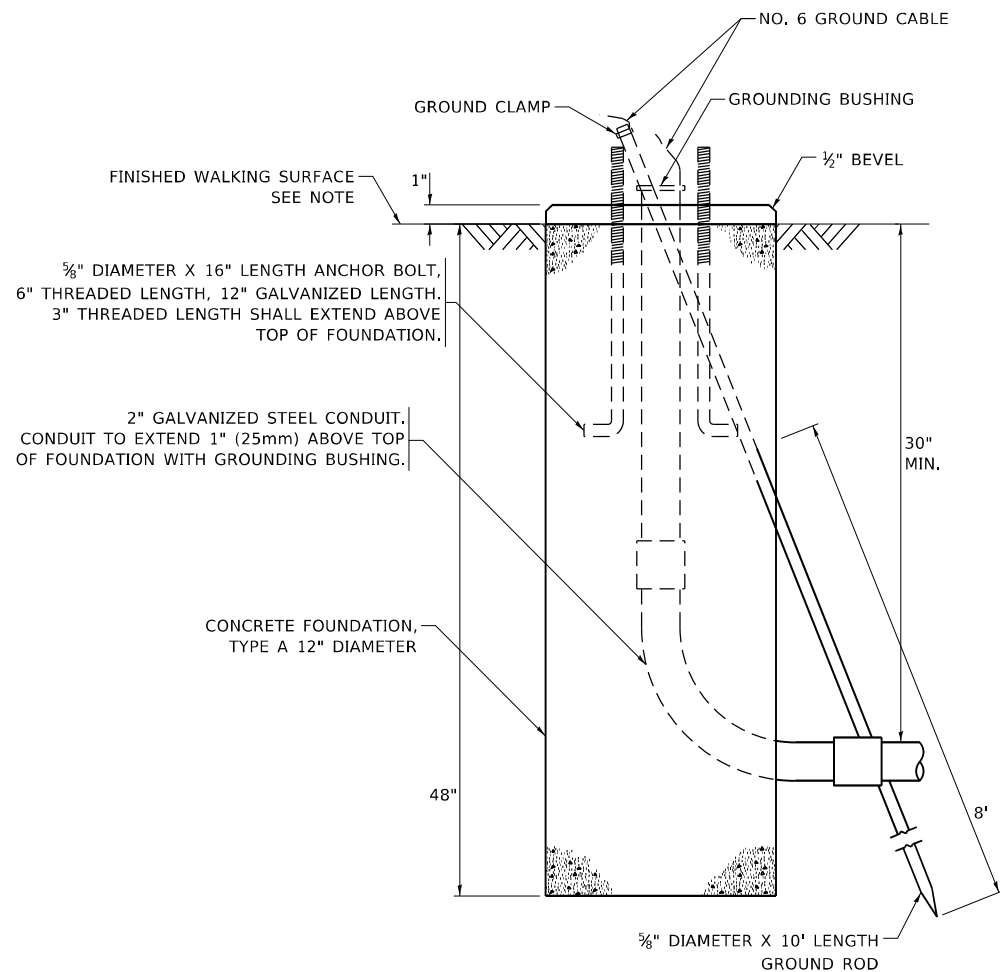
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TS-05		CONTRACT NO. 62G10		
ILLINOIS		FED. AID PROJECT		



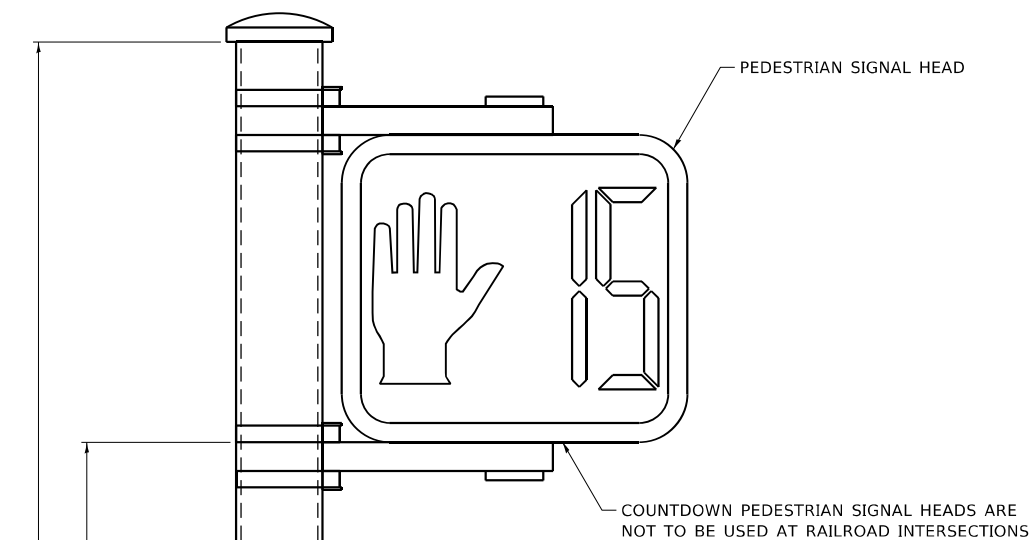
BOLT PATTERN

NOTE:

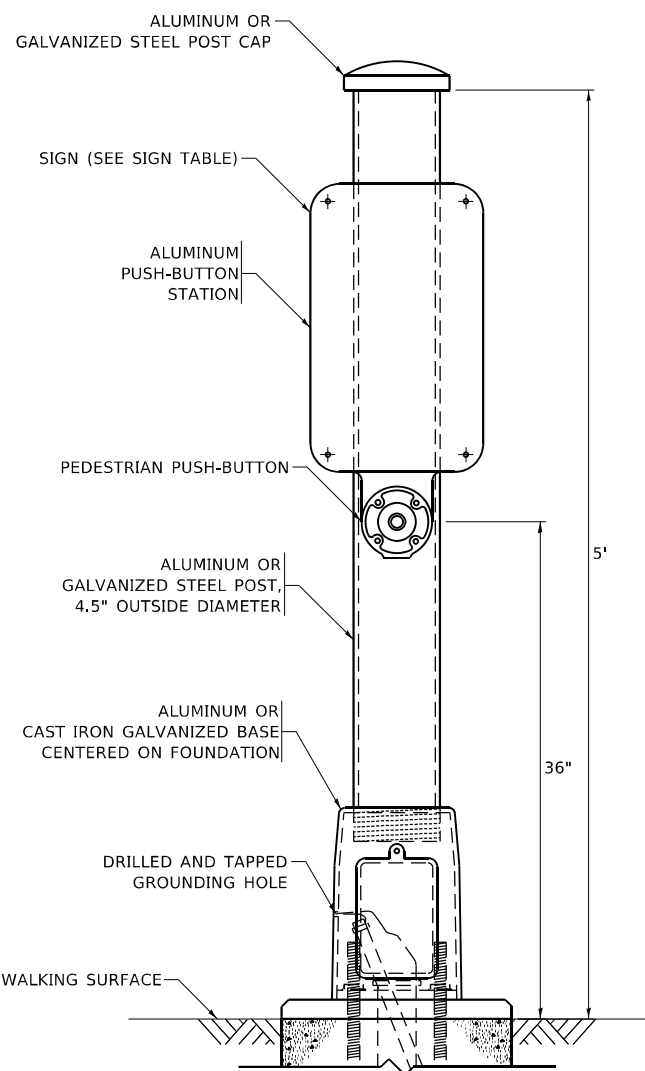
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



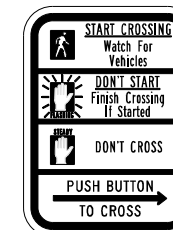
**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**



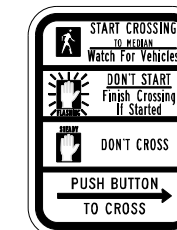
PEDESTRIAN SIGNAL POST, 10 FT.



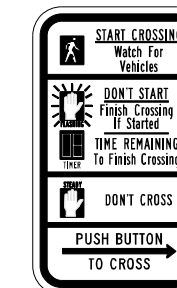
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

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

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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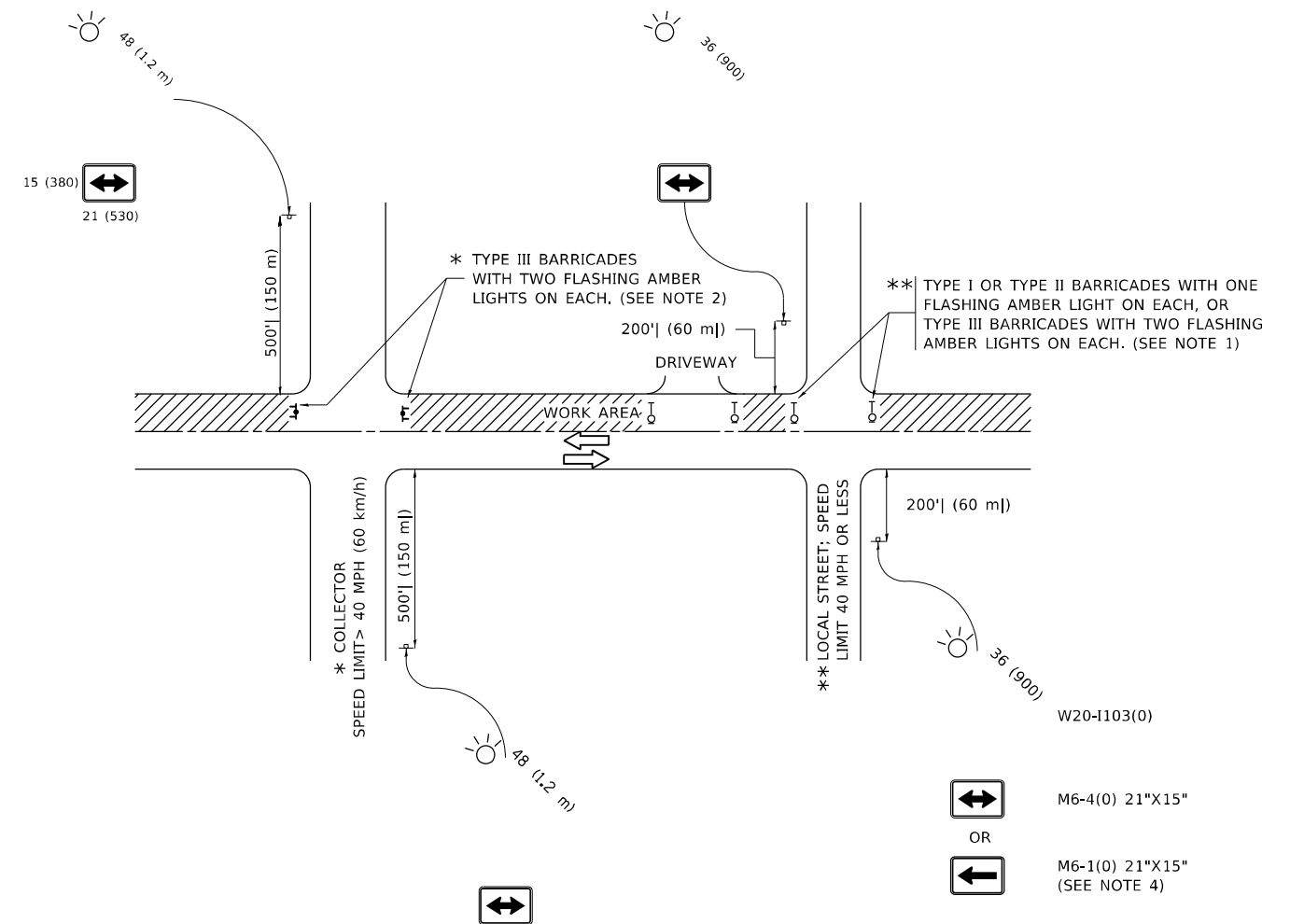
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

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

F.A.U. RTE. 379	SECTION 119CH&TS	COUNTY WILL/KENDALL	TOTAL SHEETS 61	SHEET NO. 49
TS-05		CONTRACT NO. 62G10		
ILLINOIS FED. AID PROJECT				



NOTES:

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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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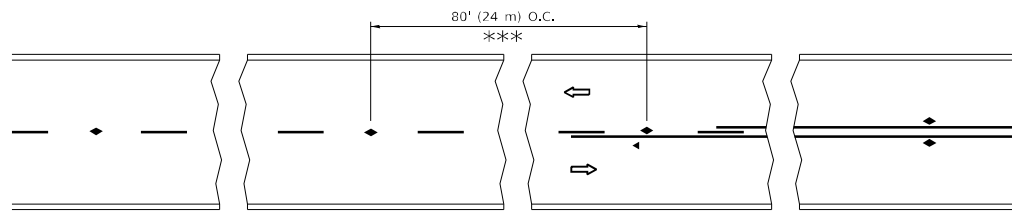
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PLOT DATE = 5/10/2021	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

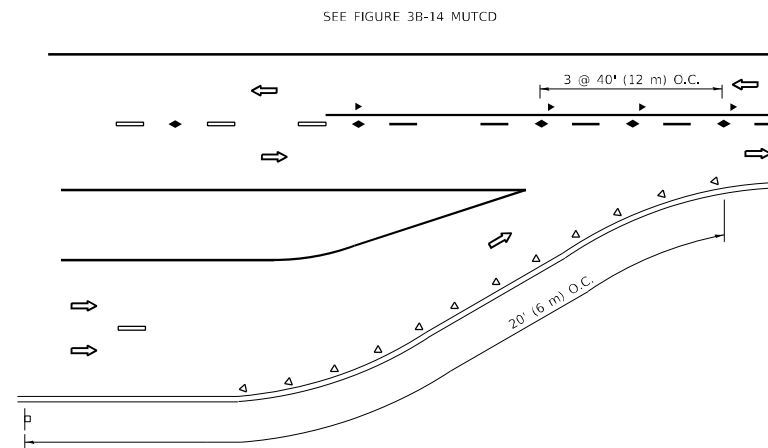
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ILLINOIS FED. AID PROJECT				

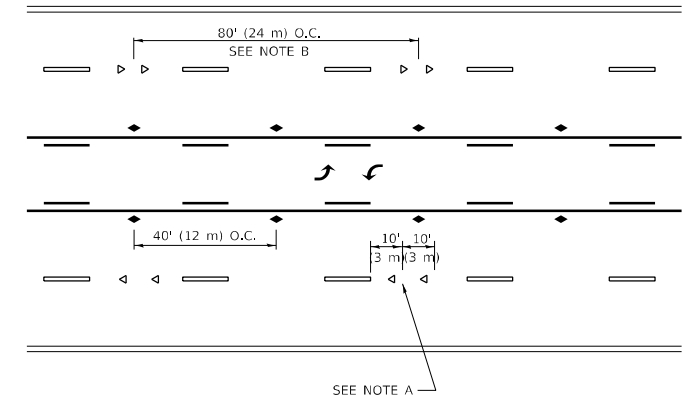


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

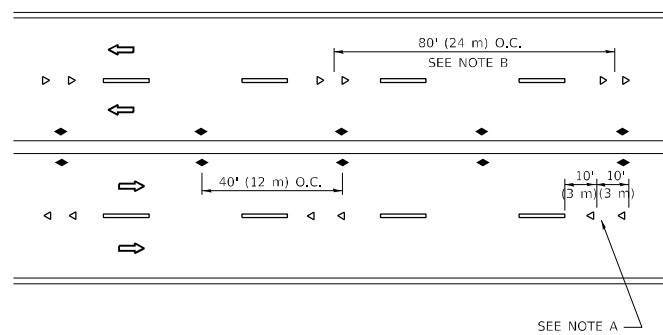
TWO-LANE/TWO-WAY



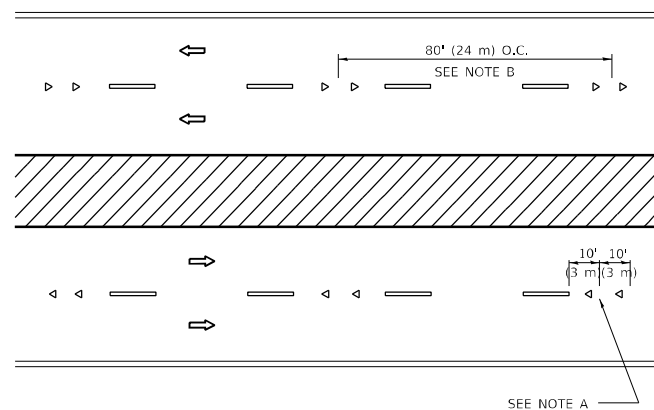
LANE REDUCTION TRANSITION



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.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

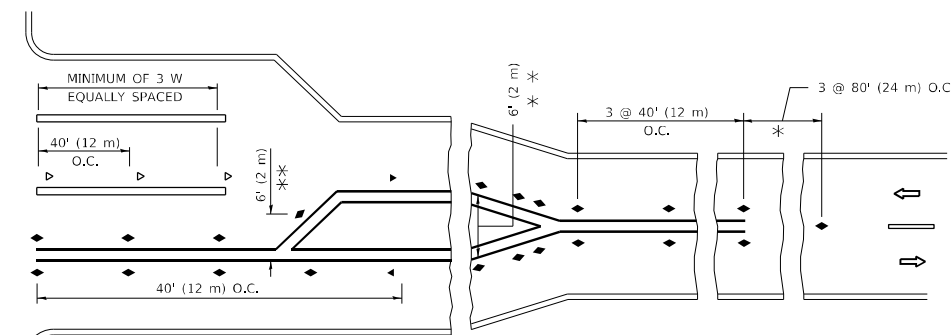
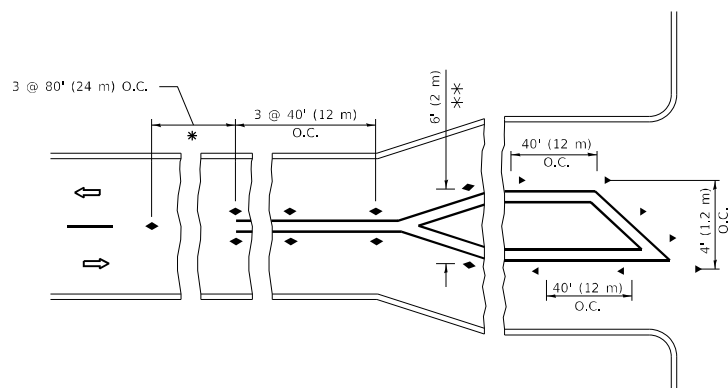
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

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.

TURN LANES

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

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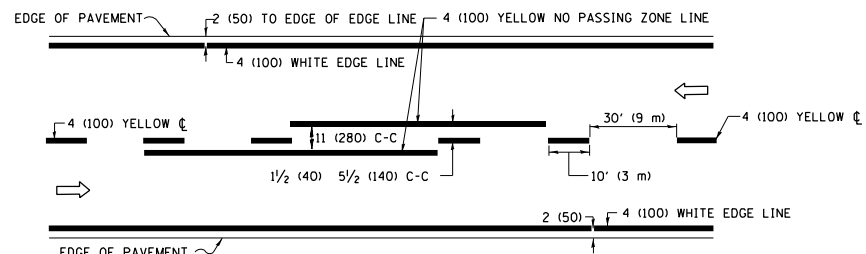
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PLOT DATE = 5/10/2021	CHECKED -	REVISED - C. JUCIUS 09-09-09
	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

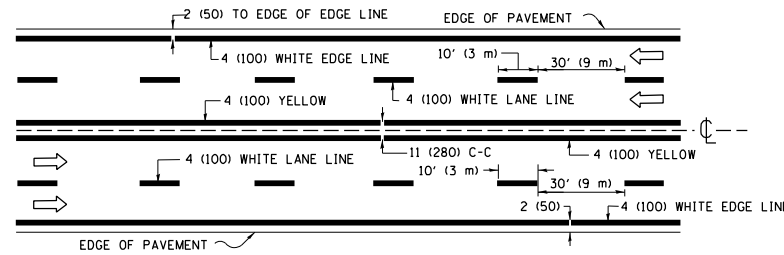
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

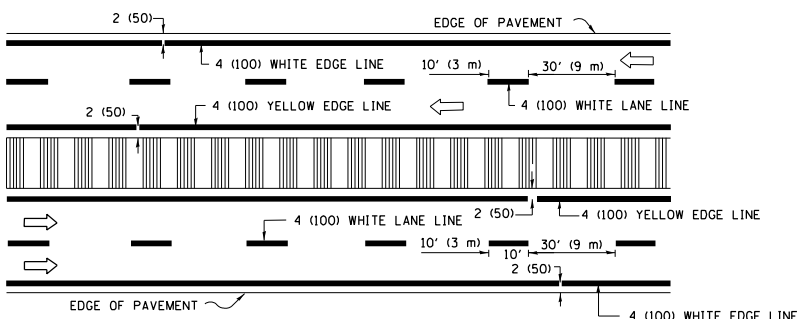
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	51
TC-11		CONTRACT NO. 62G10		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

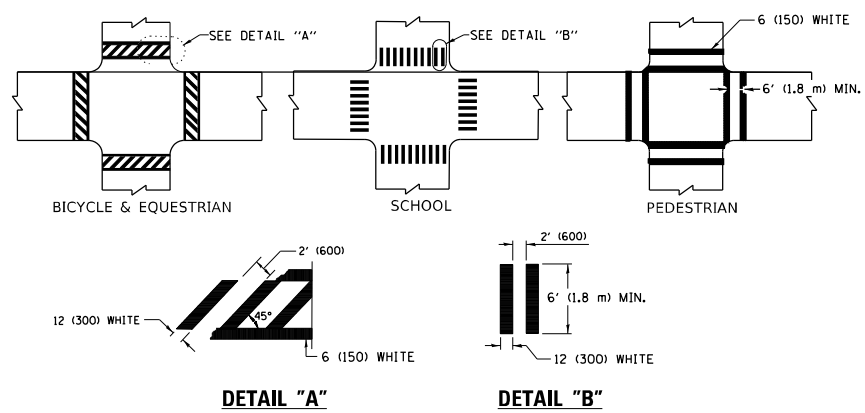


MULTI-LANE UNDIVIDED

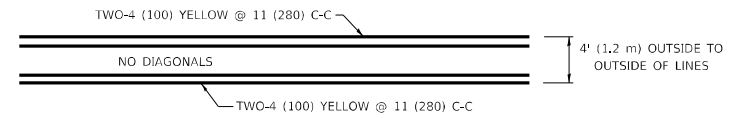


MULTI-LANE DIVIDED WITH MEDIAN

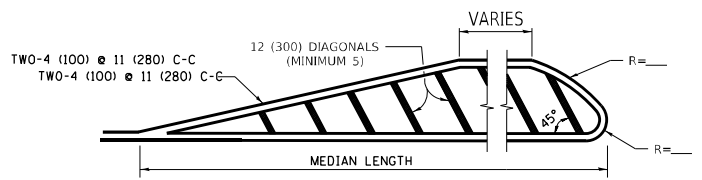
TYPICAL LANE AND EDGE LINE MARKING



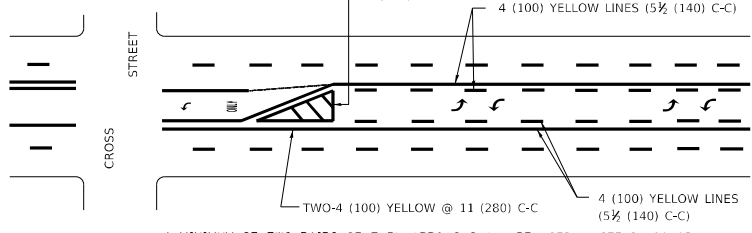
TYPICAL CROSSWALK MARKING



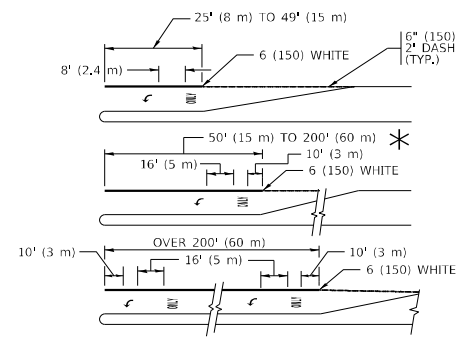
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

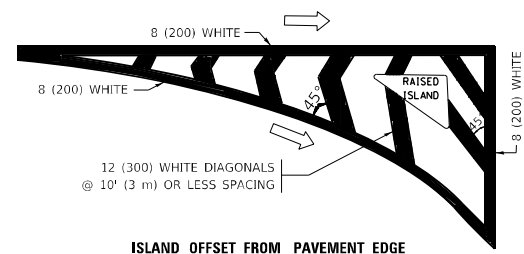


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

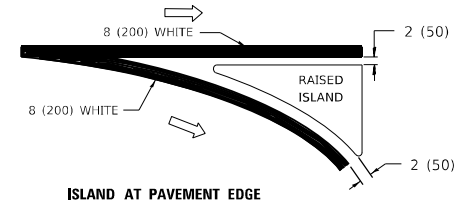


TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

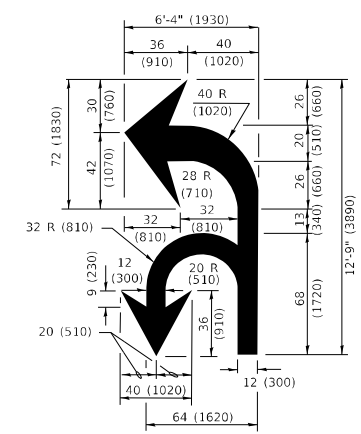


ISLAND OFFSET FROM PAVEMENT EDGE

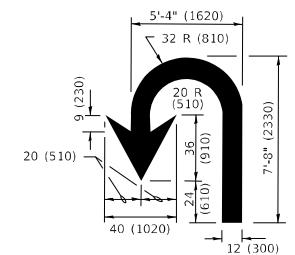


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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 SOLID	YELLOW YELLOW	5 1/2 (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 1/2 (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: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

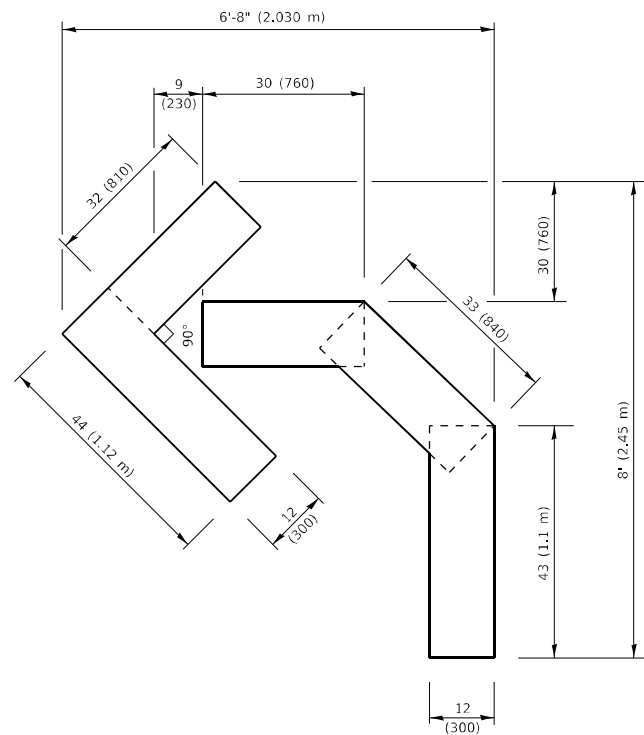
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PROJECT: P140313\CADD\data\Design\DistStd.dgn

USER NAME	DESIGNED	REVISION	DATE
= rothip	- EVERS	- C. JUCIUS 09-09-09	
	-	- C. JUCIUS 07-01-13	
	-	- C. JUCIUS 12-21-15	
	-	- C. JUCIUS 04-12-16	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

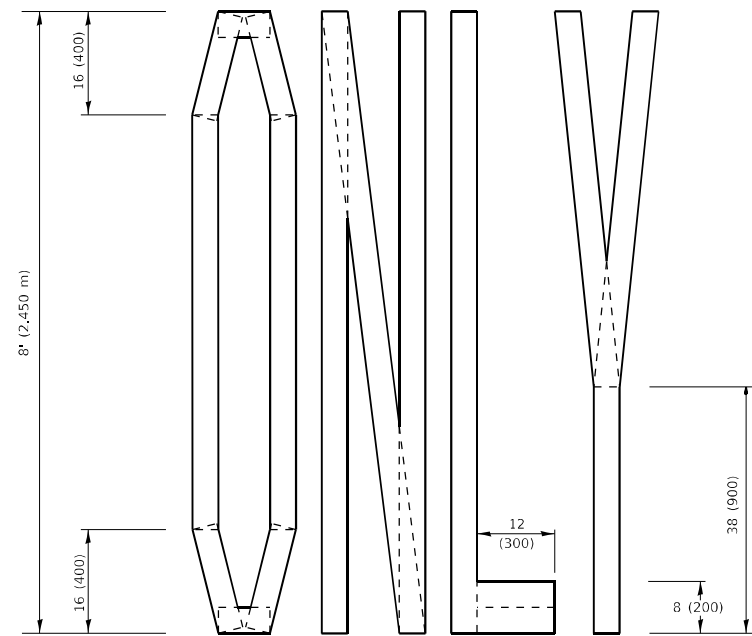
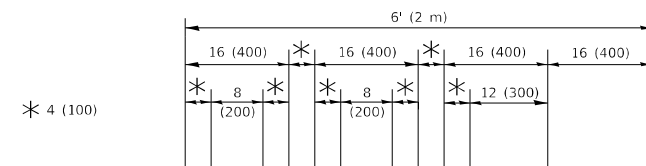
DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	52
TC-13				CONTRACT NO. 62G10



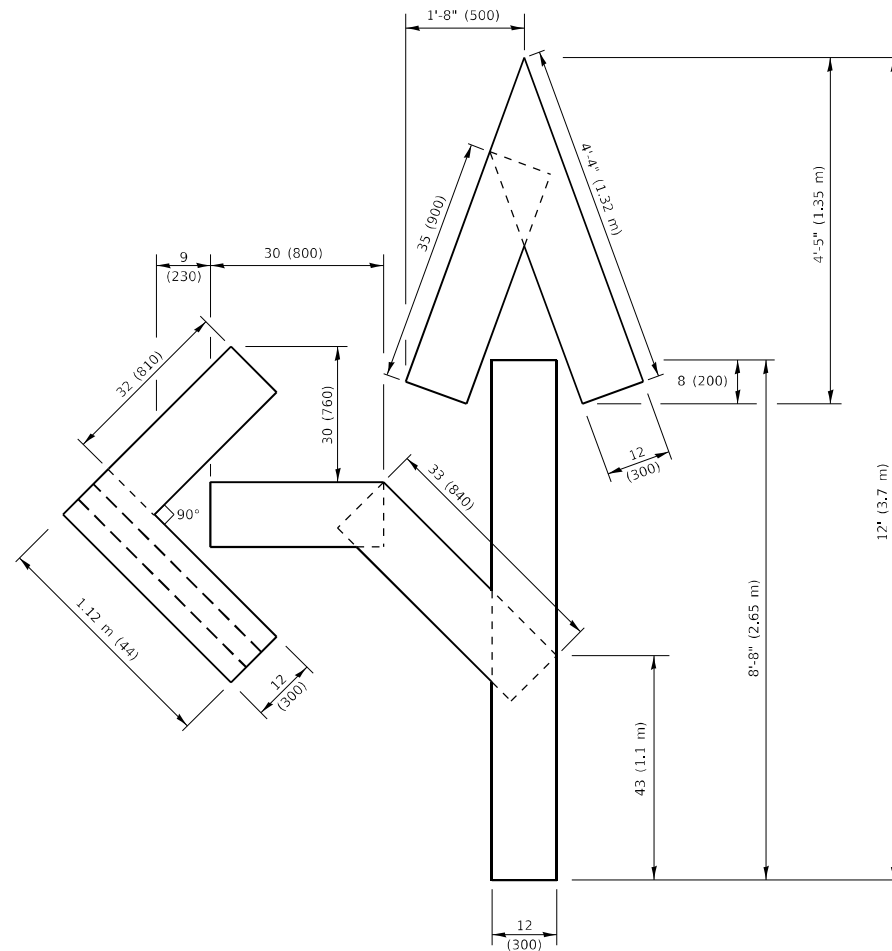
QUANTITY

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)

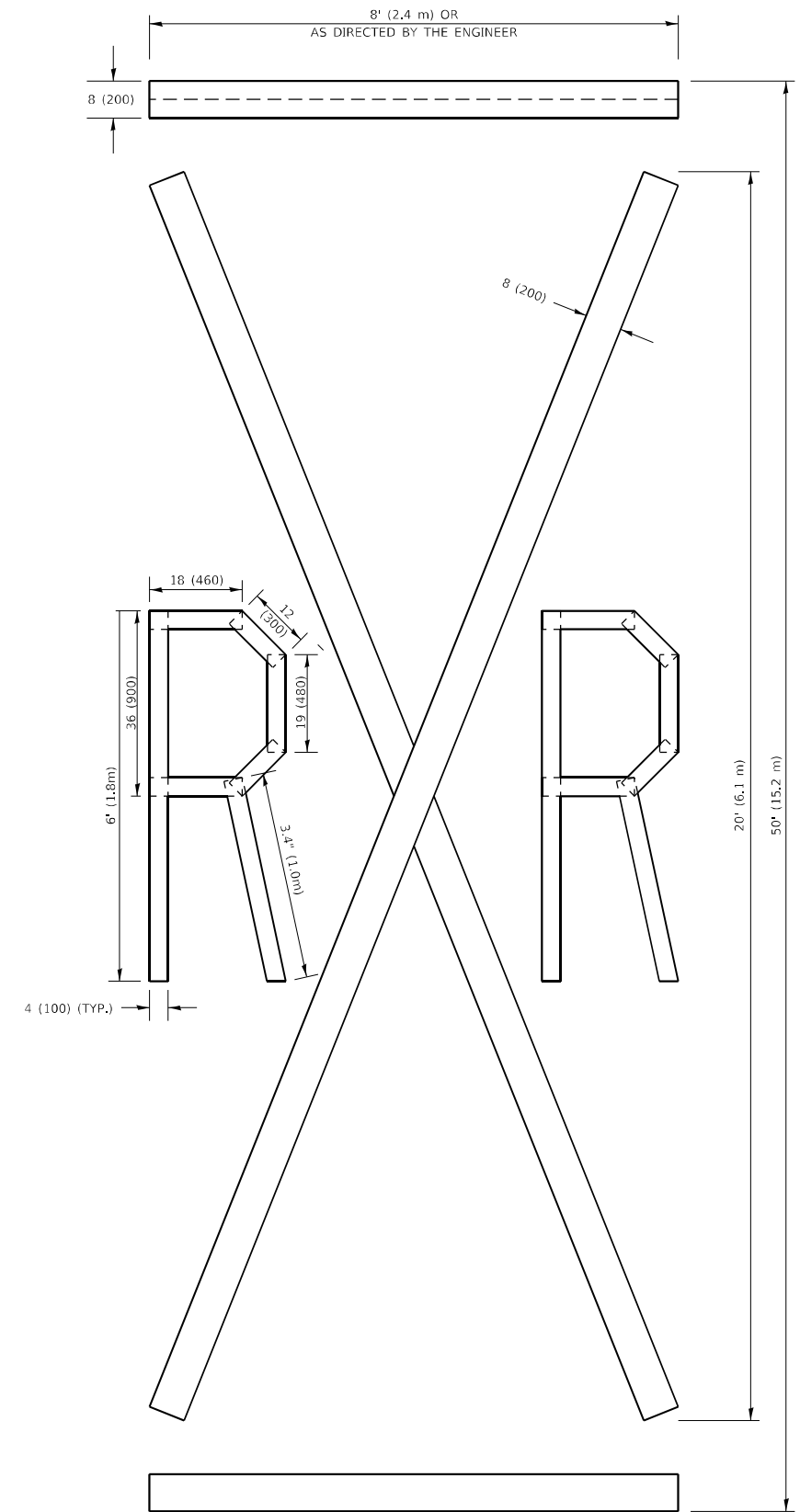


QUANTITY

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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USER NAME = rothp	DESIGNED -	REVISED - T. RAMMACH 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100,0010 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 5/10/2021	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILLKENDALL	61	53
TC-16			CONTRACT NO. 62G10	
ILLINOIS FED. AID PROJECT				

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ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-2-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

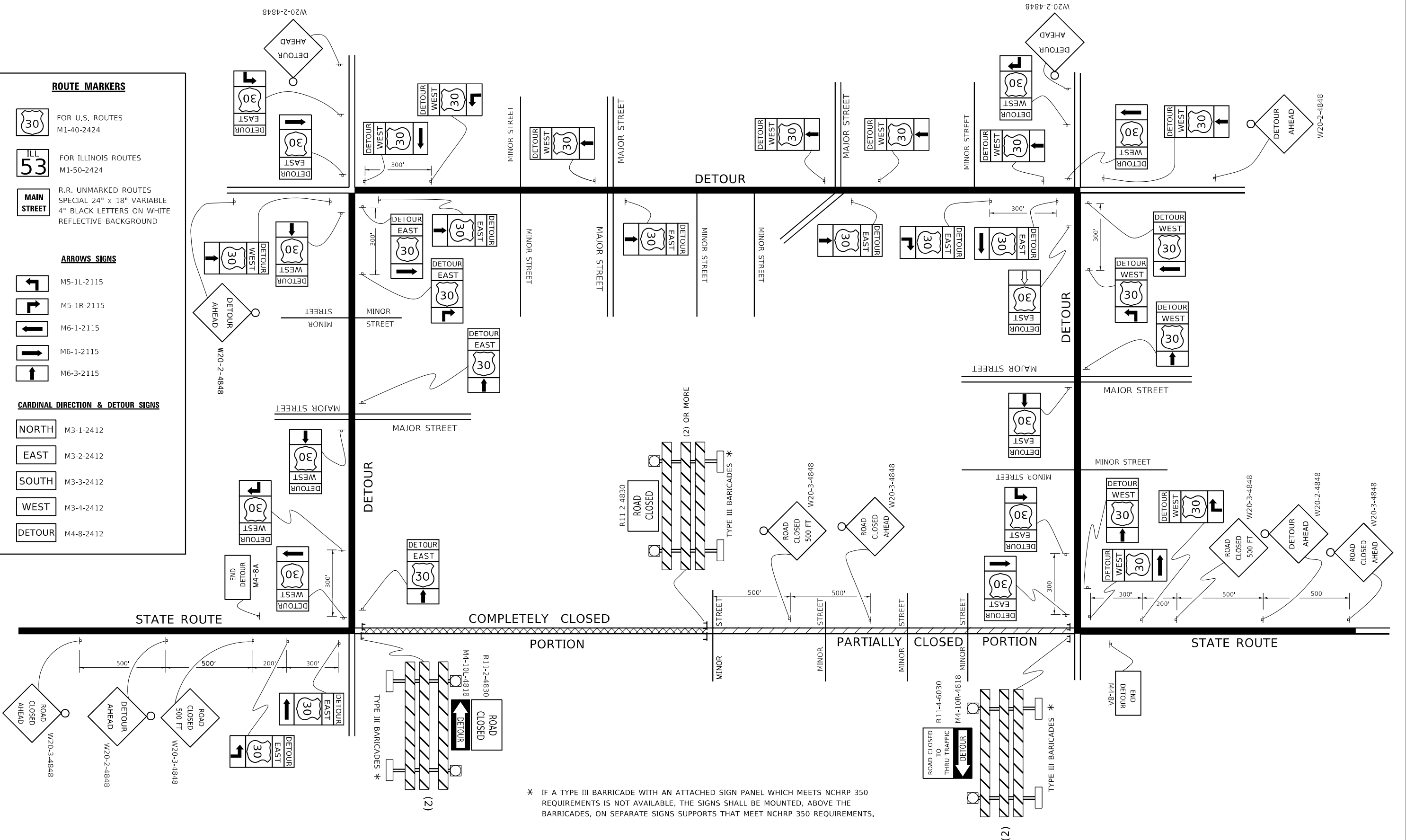
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



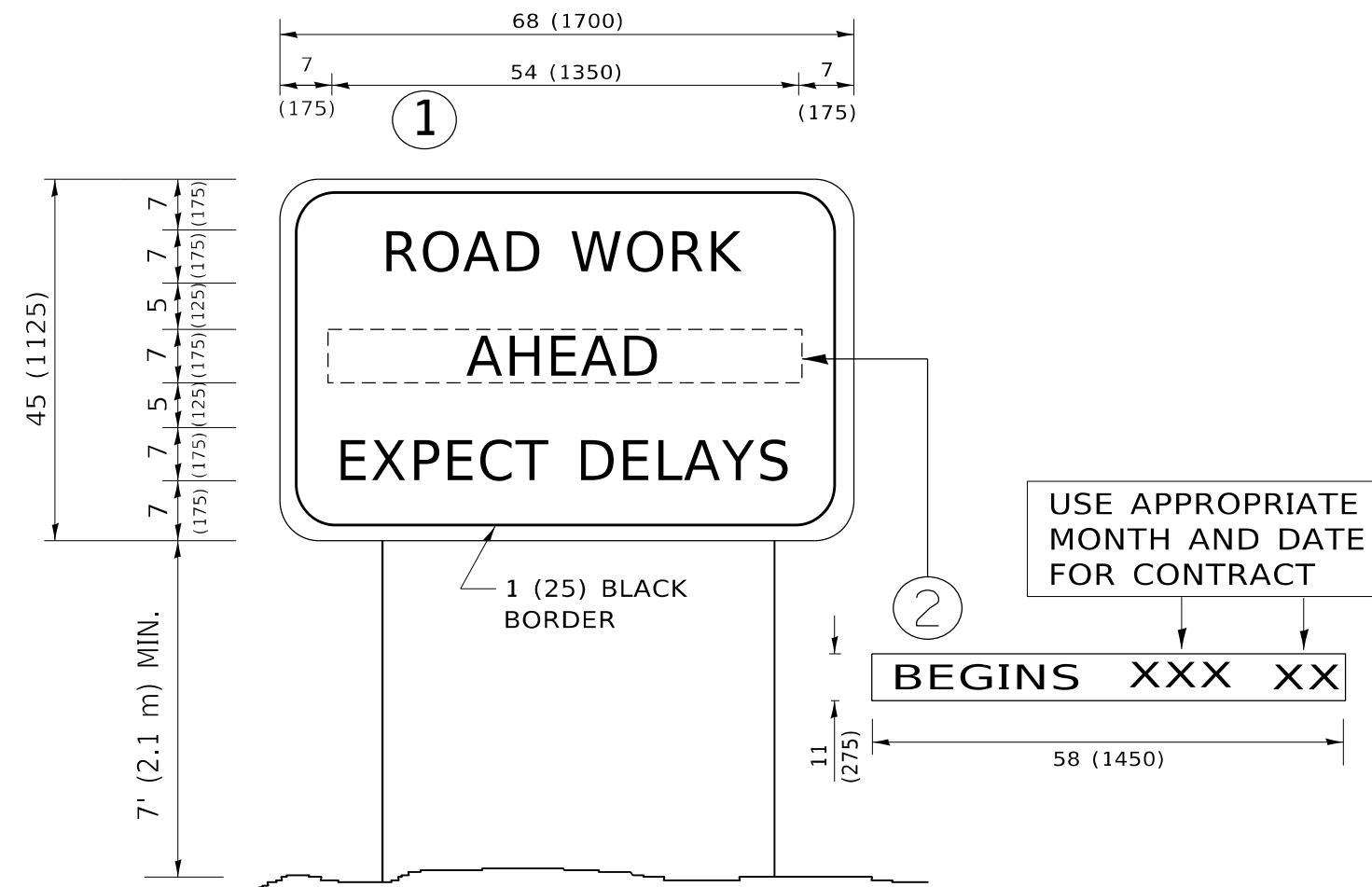
* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

USER NAME = rothp	DESIGNED -	REVISED - 10-18-02
	DRAWN -	REVISED - R, BORO 09-14-09
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	54
TC-21				
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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USER NAME = rothjp	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 5/10/2021	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

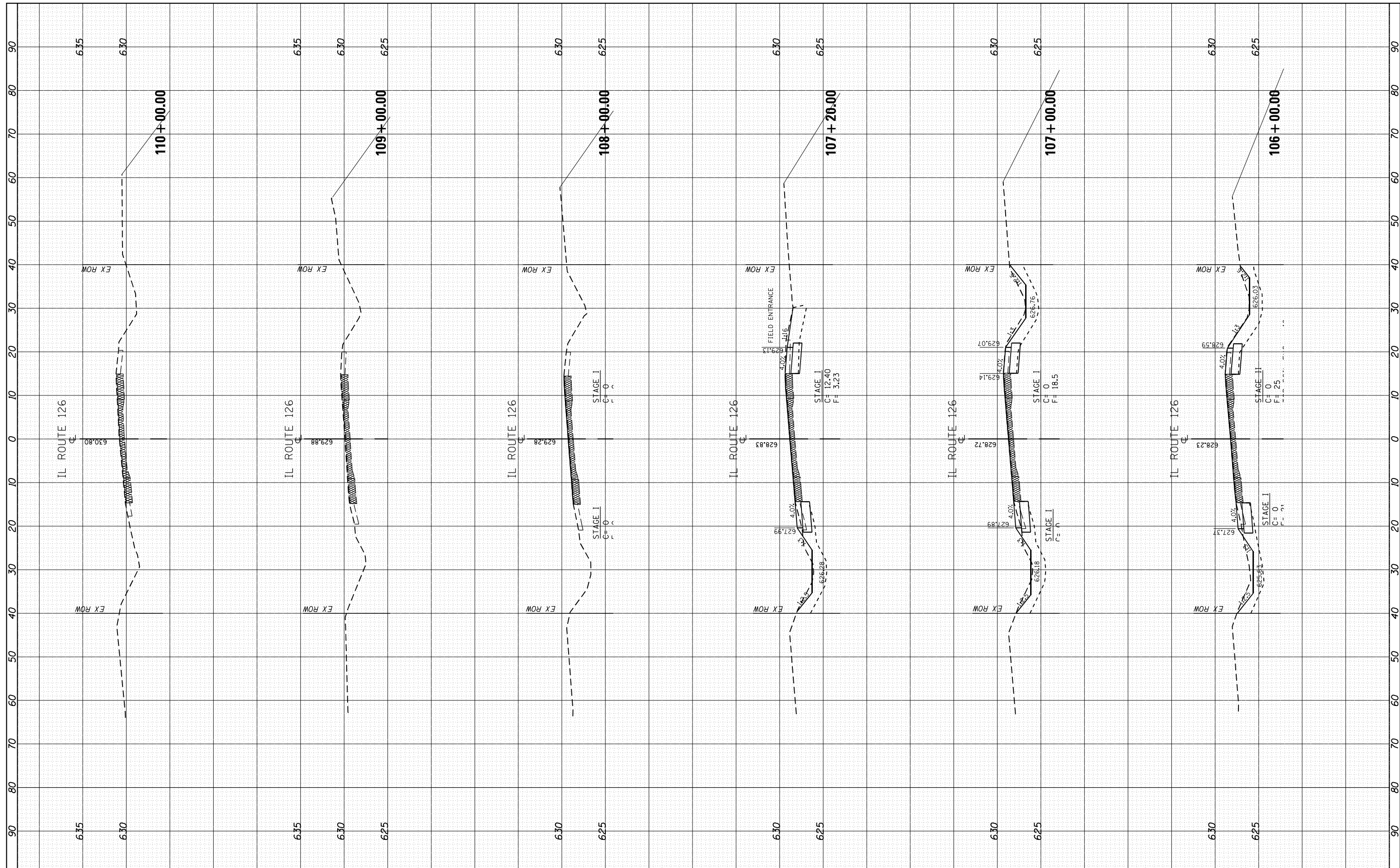
**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	55
TC-22			CONTRACT NO. 62G10	
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = rothjp	DESIGNED TSB	REVISED -
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Default	PLOT SCALE = 20.0000' / in.	CHECKED TSB	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

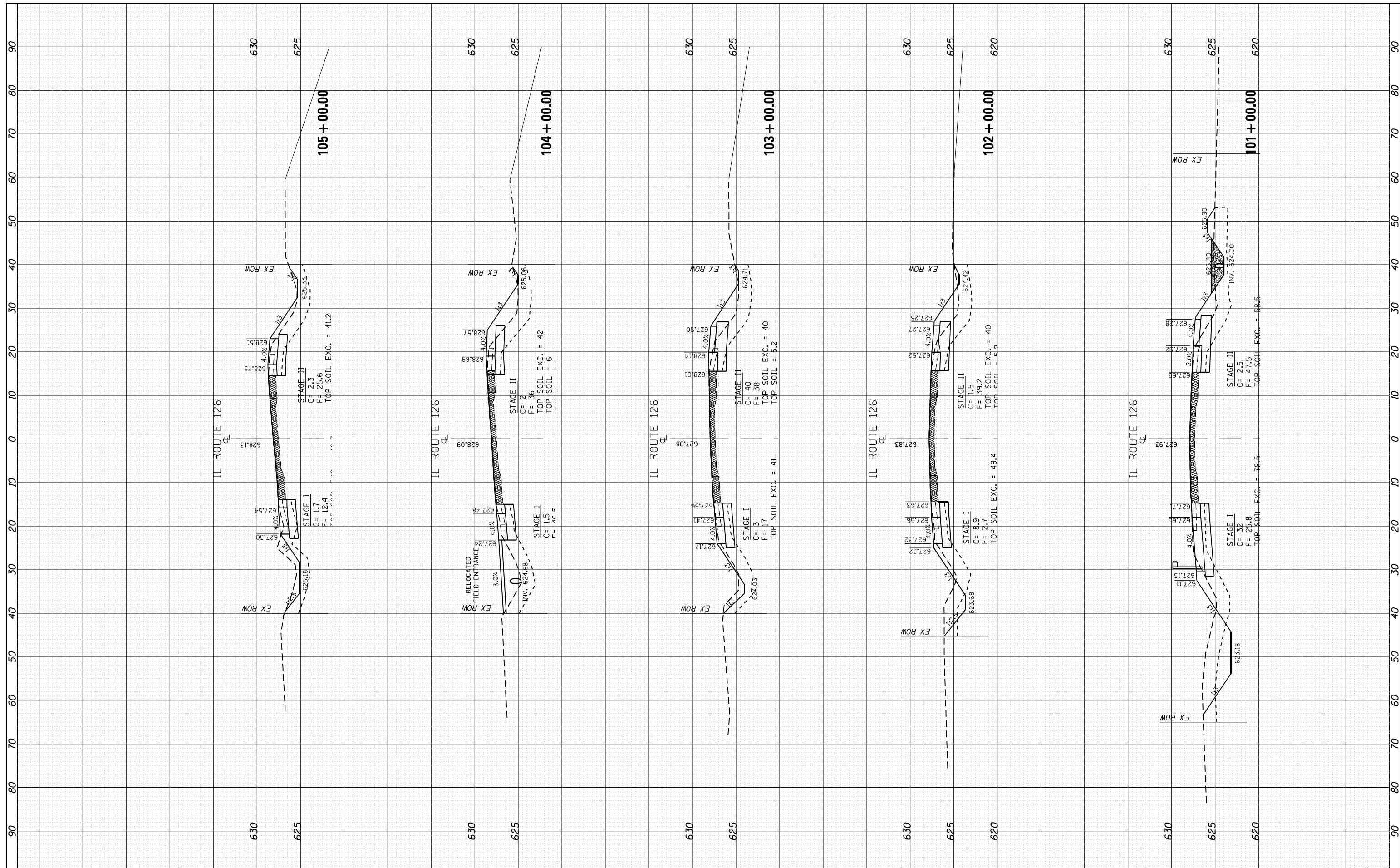
**IL ROUTE 126 CROSS SECTIONS
FROM STA. 106+00 TO STA. 110+00**

SCALE: SHEET 4 OF 4 SHEETS STA. 106+00 TO STA. 110+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	56
CONTRACT NO. 62G10			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/10/2021

DESIGNED TSB
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 CHECKED TSB
 DATE 3-10-2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

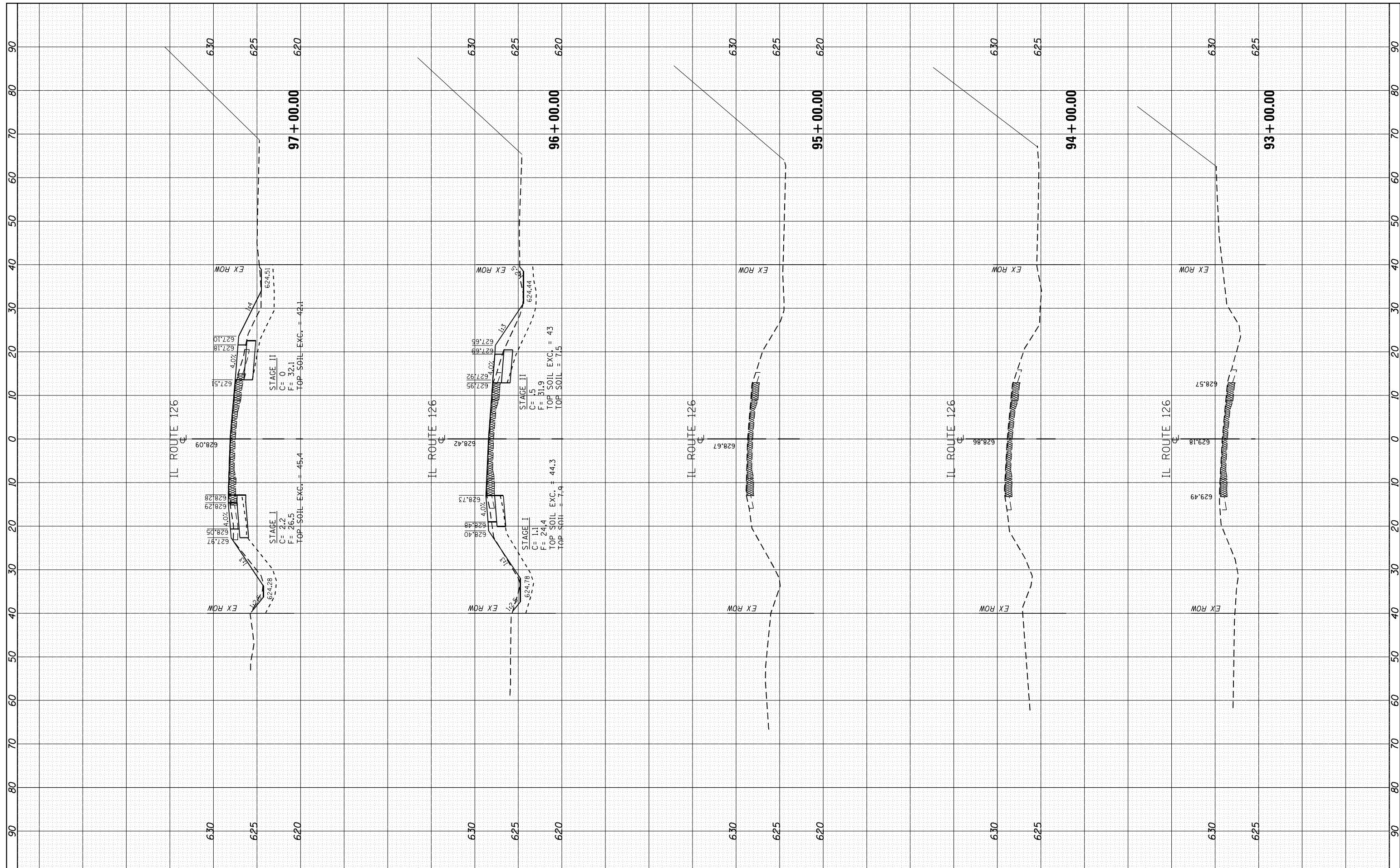
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 126 CROSS SECTIONS
 FROM STA. 101+00 TO STA. 105+00**
 SCALE: SHEET 3 OF 4 SHEETS STA. 101+00 TO STA. 105+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	57
CONTRACT NO. 62G10			ILLINOIS FED. AID PROJECT	

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS
	CHECKED



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PLOT DATE = 5/10/2021	DATE 3-10-2016		REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

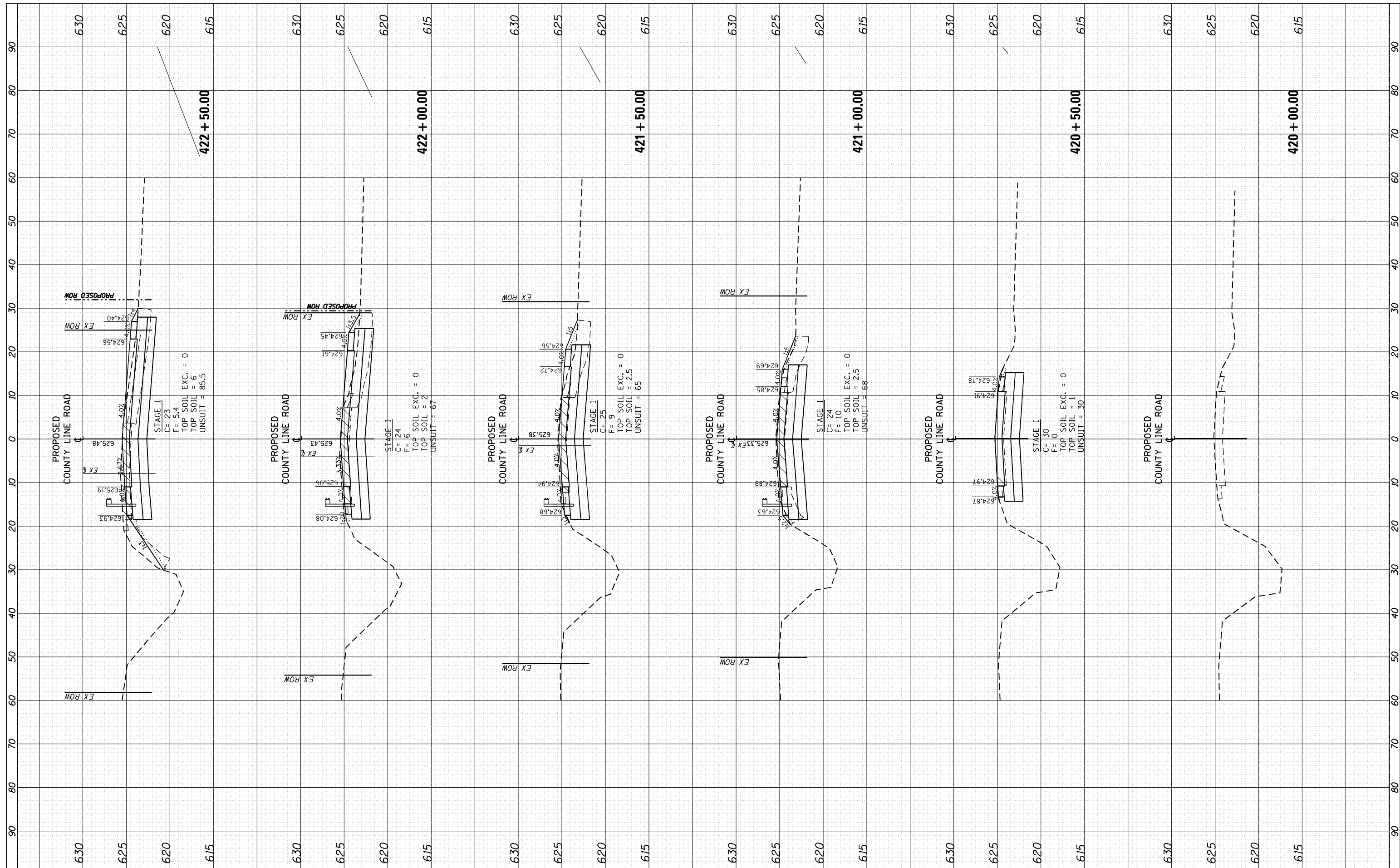
**IL ROUTE 126 CROSS SECTIONS
FROM STA. 93+00 TO STA. 97+00**

SCALE: SHEET 1 OF 4 SHEETS STA. 93+00 TO STA. 97+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	59
CONTRACT NO.			62G10	
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



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 PLOT DATE = 5/10/2021

USER NAME = rothjp
 DESIGNED TSB
 CHECKED TSB
 DATE 3-10-2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COUNTY LINE ROAD CROSS SECTIONS
 FROM STA. 420+00.00 TO STA. 422+50.00**

SCALE: SHEET 1 OF 2 SHEETS STA. 420+00.00 TO STA. 422+50.00

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
379	119CH&TS	WILL/KENDALL	61	61
CONTRACT NO. 62G10				
ILLINOIS FED. AID PROJECT				