

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	1
		ILLINOIS	CONTRACT NO. 66D65	

INDEX OF SHEETS

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2	GENERAL NOTES & COMMITMENTS
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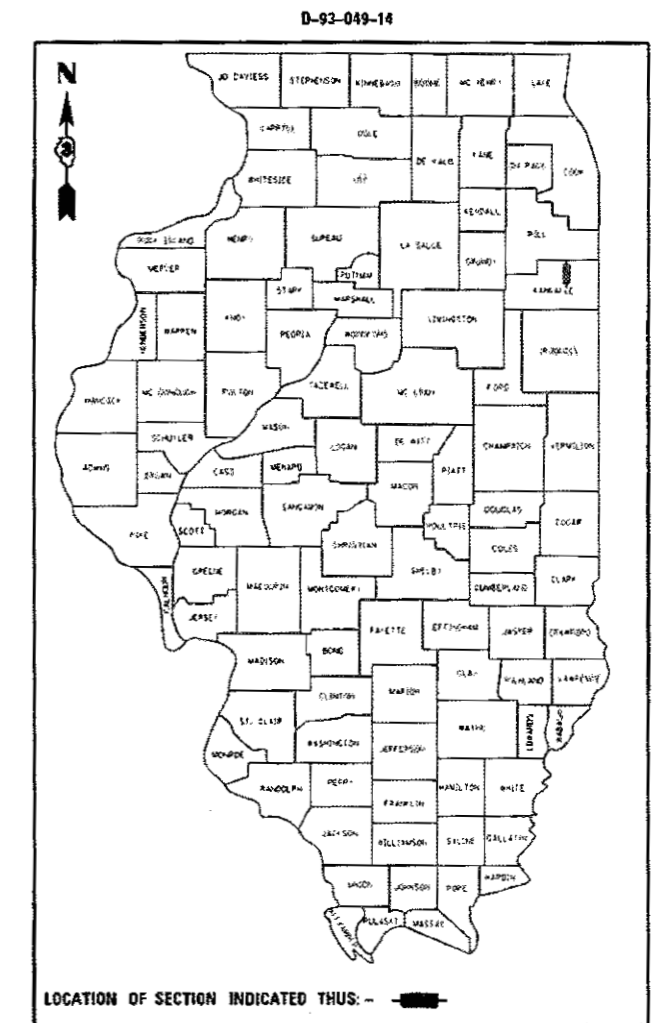
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 840 (IL 50)
SECTION 140 RS-8
PROJECT NHPP-B51U(364)
3P MILLING & RESURFACING
KANKAKEE COUNTY

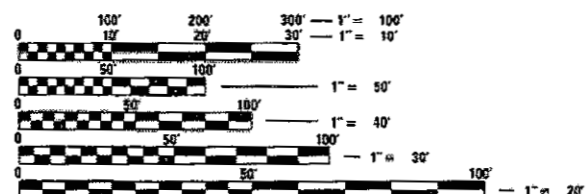
C-93-087-14

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	PRISMATIC CURB REFLECTORS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS



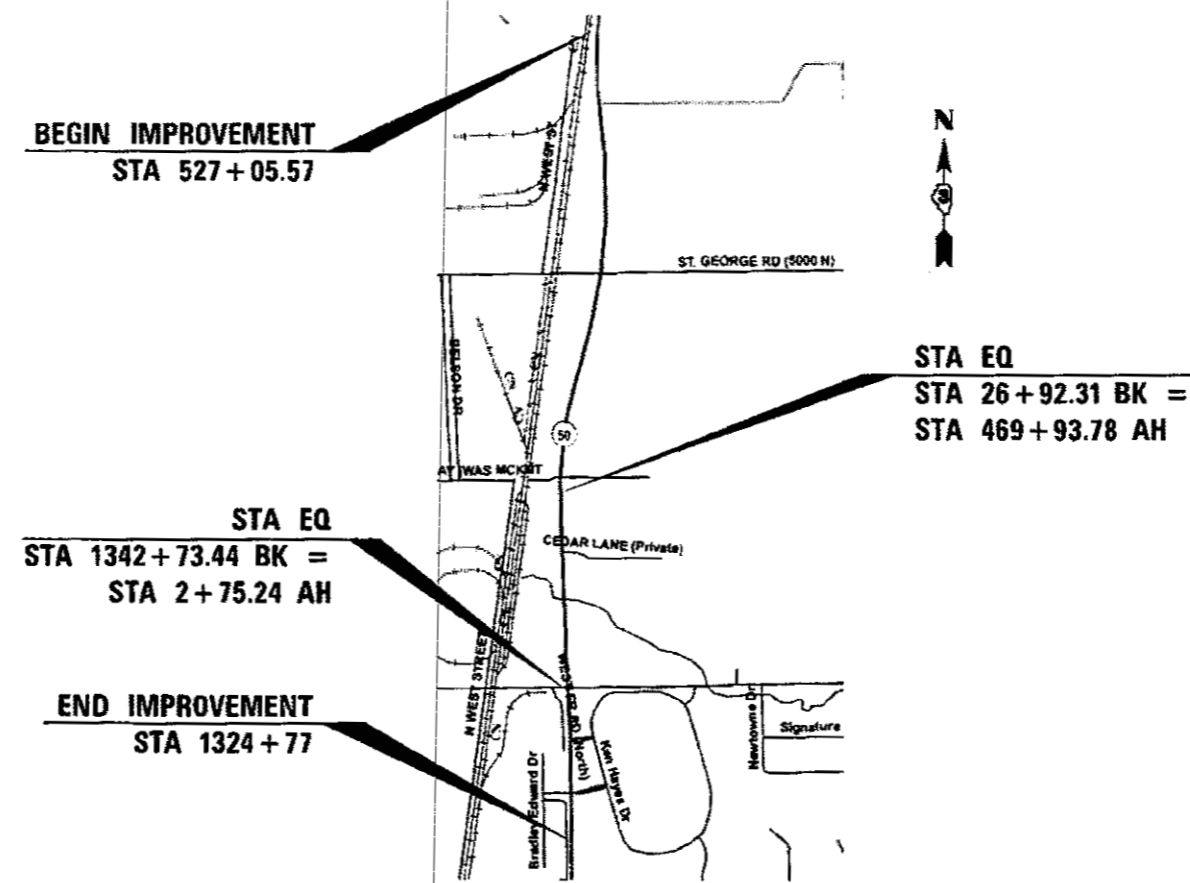
FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL (URBAN)
2017 ADT: 18,000
P.V. = 92.6% S.U. = 4.5% M.U. = 2.9%



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

PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: MICHELE LINDEMANN, P.E.
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66D65



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Feb 2 2018
R S Maubach
REGIONAL ENGINEER

Mar 23 2018
Joe Kannel
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 23 2018
Paul P. Chisholm
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL AT CURB RAMPS AND BLENDED TRANSITIONS. DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, ITS & FLGWAYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

ZAYO - 360 NETWORKS	BUCKEYE PIPELINES
CHS	NICOR
COMCAST	AQUA IL
VILLAGE OF BRADLEY	VILLAGE OF BOURBONNAIS
AT&T	WINDSTAR
COMED	

COMMITMENTS

NO EXCAVATION IS PLANNED NEAR LARRY POWER ROAD. IF EXCAVATION IS REQUIRED, THE TWO 8" BUCKEYE PIPELINES MUST BE LOCATED IN THE FIELD BEFORE THE EXCAVATION OCCURS.

LOCATION(S):	ENTIRE LOCATION	ENTIRE LOCATION
MIXTURE USE(S):	HMA LEVEL BINDER	HMA SURFACE
BINDER GRADE (PG):	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION:	IL 9.5FC	IL 9.5
MIXTURE GRADATION:		
FRICTION AGGREGATE:		MIXTURE D
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	OCP	OCP
SUBLOT SIZE:	1000 TONS	1000 TONS
DENSITY TEST METHOD:	GROWTH CURVE	CORES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: David Baurink (CPE)
DISTRICT STUDIES & PLANS ENGINEER

DATE: February 2, 2018

EXAMINED BY: Highly Vukobratovic
DISTRICT CONSTRUCTION ENGINEER

Michael A. Shuts
DISTRICT MATERIALS ENGINEER

Tom W. H. [Signature]
DISTRICT OPERATIONS ENGINEER

FILE NAME: C:\p\work\proj\d3\concoran\m-60380449	USER NAME: concor@m	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	056025-sh1-cover.dgn	DRAWN: -	REVISED: -			840	140 RS-8	XANKAKEE	44	2	
	PLOT SCALE: 100,0000 1/4" = 1'	CHECKED: -	REVISED: -			CONTRACT NO. 66D65					
	PLOT DATE: 2-1-2018	DATE: -	REVISED: -			ILLINOIS FEB. AD. PROJECT					

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URBAN

CONSTR. CODE
80 / 20
FED / ST
ROADWAY
0005
URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	55655	55655
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	24	24
40600537	LEVELING BINDER (HAND METHOD), IL-9.5FG, N70	TON	40	40
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	3397	3397
40600990	TEMPORARY RAMP	SQ YD	621	621
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6793	6793
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1949	1949
42400800	DETECTABLE WARNINGS	SQ FT	295	295
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	80876	80876
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	167	167
44000600	SIDEWALK REMOVAL	SQ FT	1897	1897
60255500	MANHOLES TO BE ADJUSTED	EACH	6	6
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	167	167
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1

*
M

* SPECIALTY ITEM

USER NAME = carcoranlm	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/30/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 R5-B	KANKAKEE	44	3
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				

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URBAN
 CONSTR. CODE
 80/20
 FED/ST
 ROADWAY
 0005
 URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2158	2158
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	6932	6932
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1410	1410
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	4704	4704
* 78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	1015	1015
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1251	1251
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1251	1251
* 87900200	DRILL EXISTING HANDHOLE	EACH	1	1
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	1	1
* 88600100	DETECTOR LOOP, TYPE I	FOOT	11545	11545
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	21640	21640
X3200003	HOT-MIX ASPHALT SURFACE REMOVAL - LONGITUDINAL JOINT	SQ YD	2361	2361
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	105	105
* 14 X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	4704	4704

* SPECIALTY ITEM

USER NAME = carcoranlm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	5
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				

CONSTR. CODE

URBAN

*80/30
FED/ST*

ROADWAY

0005

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	6419	6419
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	1015	1015
* X8860100	LOOP DETECTOR TESTING	EACH	6	6
* X8950114	MODIFY EXISTING CONTROLLER AND CABINET	EACH	1	1
Z0034105	MATERIAL TRANSFER DEVICE	TON	10190	10190

* SPECIALTY ITEM

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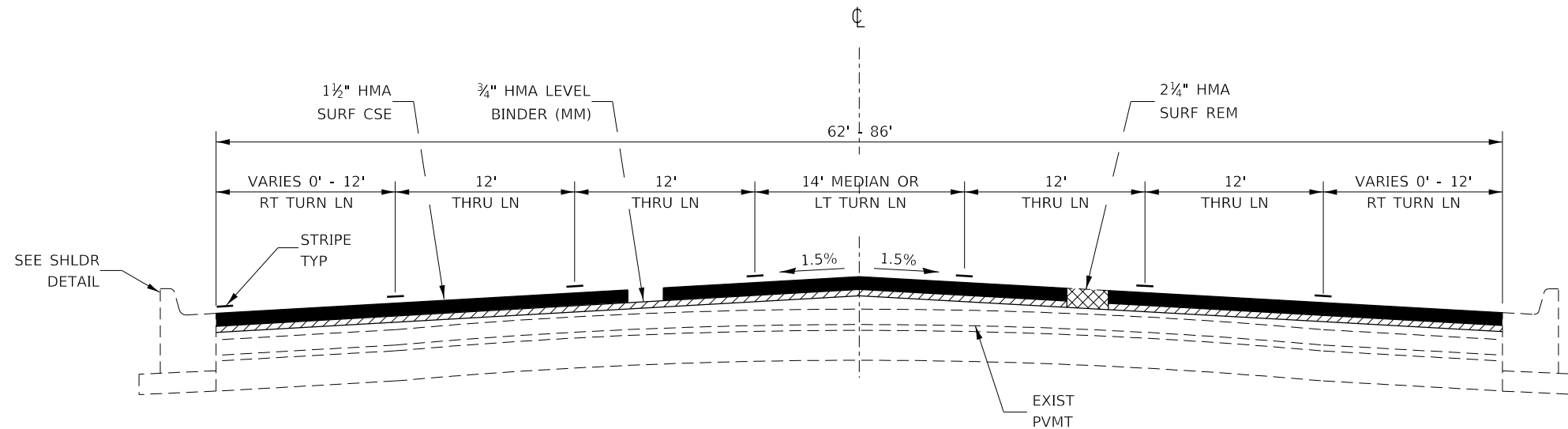
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PLOT DATE = 1/30/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

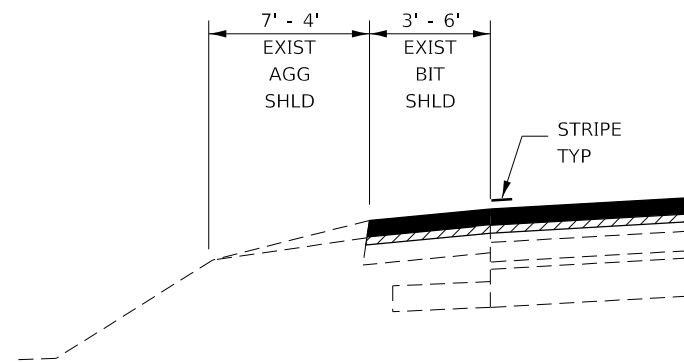
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840	140 R5-8	KANKAKEE	44	6
				CONTRACT NO. 66D65
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION

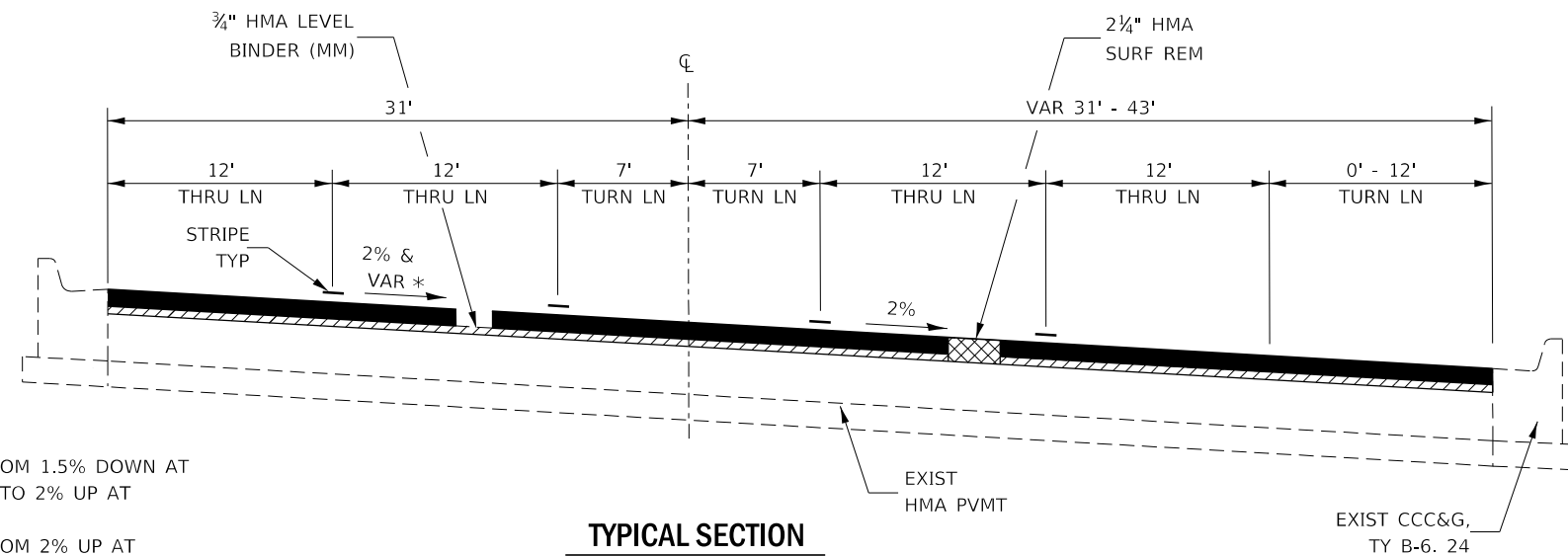
STA 1324+77 TO 1342+73.43 BK
 STA 2+73.62 AH TO STA 24+98.53

STA EQNS
 STA 1342+73.43 (BK) = STA 2+73.62 (AH)
 STA 26+92.31 (BK) = STA 469+93.78 (AH)



SHOULDER DETAIL

STA 1324+77 TO 1328+23
 STA 1332+76 TO 1340+15



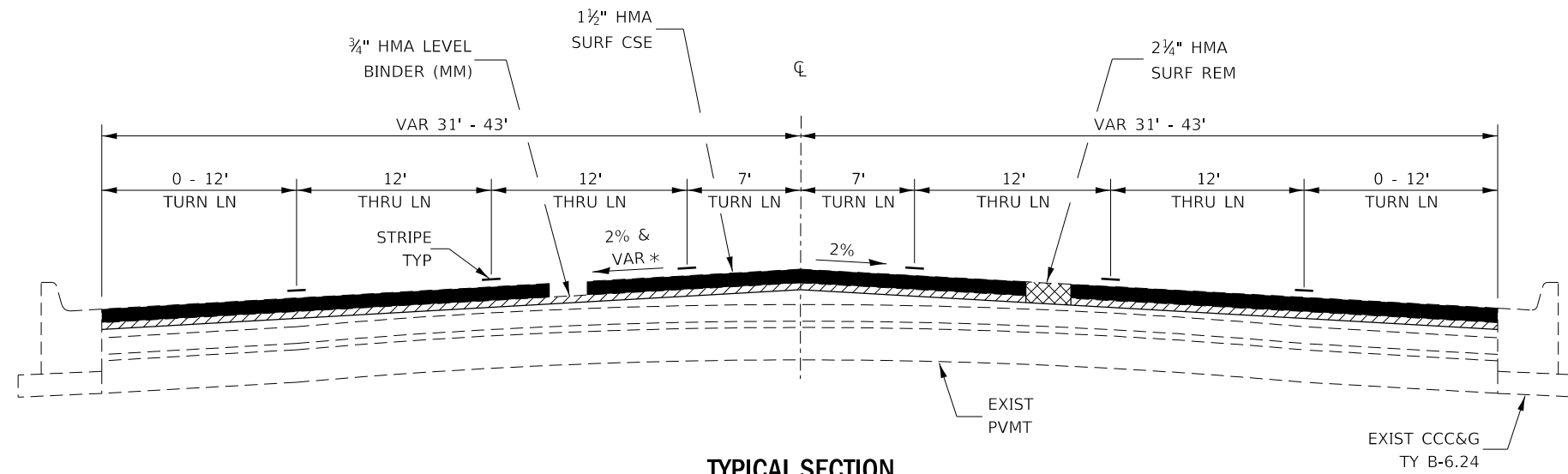
TYPICAL SECTION

STA 24+98.53 TO 26+92.31 BK
 STA 469+93.78 AH TO STA 486+98.13

* TRANSITION FROM 1.5% DOWN AT
 STA 24+98.53 TO 2% UP AT
 STA 25+26.31
 TRANSITION FROM 2% UP AT
 STA 484+49.13 TO 2% DOWN AT
 STA 486+98.13

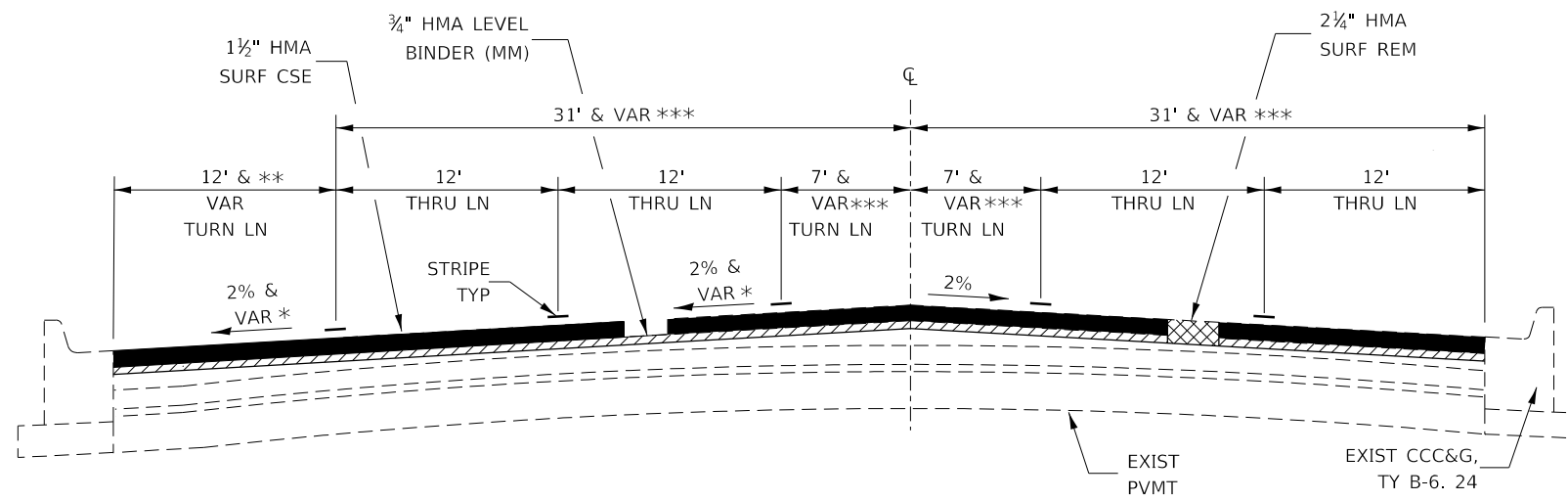
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 66D65				
	PLOT DATE = 1/29/2018				ILLINOIS FED. AID PROJECT								

* VARIES FROM 2% DOWN AT STA 497+50
 TO 0.37% DOWN AT STA 499+50
 CONSTANT AT 0.37% DOWN STA 499+50
 TO STA 500+00 (CENTERLINE ST GEORGE RD)



TYPICAL SECTION
 STA 486+98.13 TO STA 500+00

STA EQNS
 STA 1342+73.43 (BK) = STA 2+73.62 (AH)
 STA 26+92.31 (BK) = STA 469+93.78 (AH)

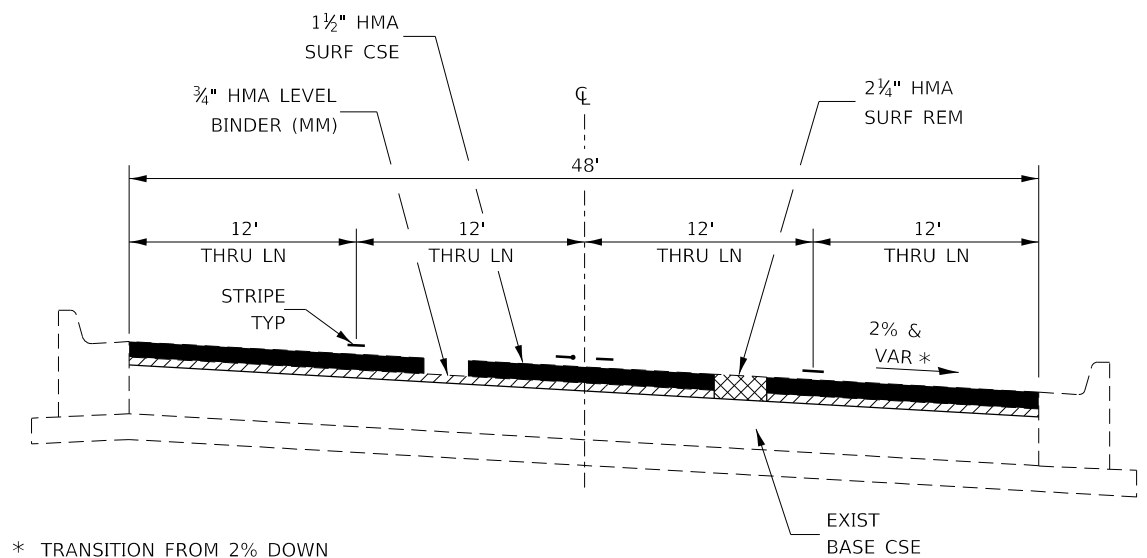


TYPICAL SECTION
 STA. 500+00 TO STA. 521+11.03

* 0.37% DOWN STA 500+00 TO
 STA 500+50 VARIES FROM
 0.37% DOWN AT STA 500+50
 TO 2% DOWN AT STA 502+50

** VARIES FROM 12' AT STA 503+54.09
 TO 0' AT STA 506+25.23

*** VARIES FROM 31' TO 24' AND
 7' TO 0' BETWEEN STA 506+65
 AND STA 510+15



TYPICAL SECTION
 IL. 50 - NORTH KINZIE AVE.
 STA 521+11.03 TO STA 527+05.57

* TRANSITION FROM 2% DOWN
 AT STA 521+11.03 TO 2% UP
 AT STA 523+60.03

FILE NAME =	USER NAME = corcoranim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 3\Projects\0366065\0366065-shd-details.dgn		CHECKED -	REVISED -		840	140 RS-8	KANKAKEE	44	8			
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		CONTRACT NO. 66D65							
	PLOT DATE = 1/29/2018				SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

MAINLINE AND SIDEROAD SCHEDULE										
LOCATION	LENGTH	PVMT AREA	HMA SURF REM 2-1/4"	HMA SURF REM LONG JT	HMA SURF CSE	HMA LEVEL BINDER (MM)	BIT MAT (TACK COAT)	MIX FOR CRACKS, JOINTS & FLGWYS	LEVEL BINDER (HM)	TEMP RAMP
STA TO STA	FOOT	SQ YD	SQ YD	SQ YD	TON	TON	LB	TON	TON	SQ YD
1324+77 TO 1342+73.44	1796.44	17442	17442	491.6	1465	733	11995	5.2	8.7	211.7
1342+73.44 BK = 2+75.24 AH 2+75.24 TO 26+92.31	2417.07	17693.4	17693	547.5	1486	743	12189	5.3	8.8	61.7
26+92.31 BK = 469+93.78 AH 469+93.78 TO 510+15	4021.22	36725	36725	1040.4	3085	1542	25258	11	18.4	307.5
510+15 TO 527+05.57	1690.57	9016	9016	281.8	757	379	6213	2.7	4.5	40
TOTAL	9925.3	80876.3	80876	2361.3	6793	3397	55655	24.2	40.4	620.9

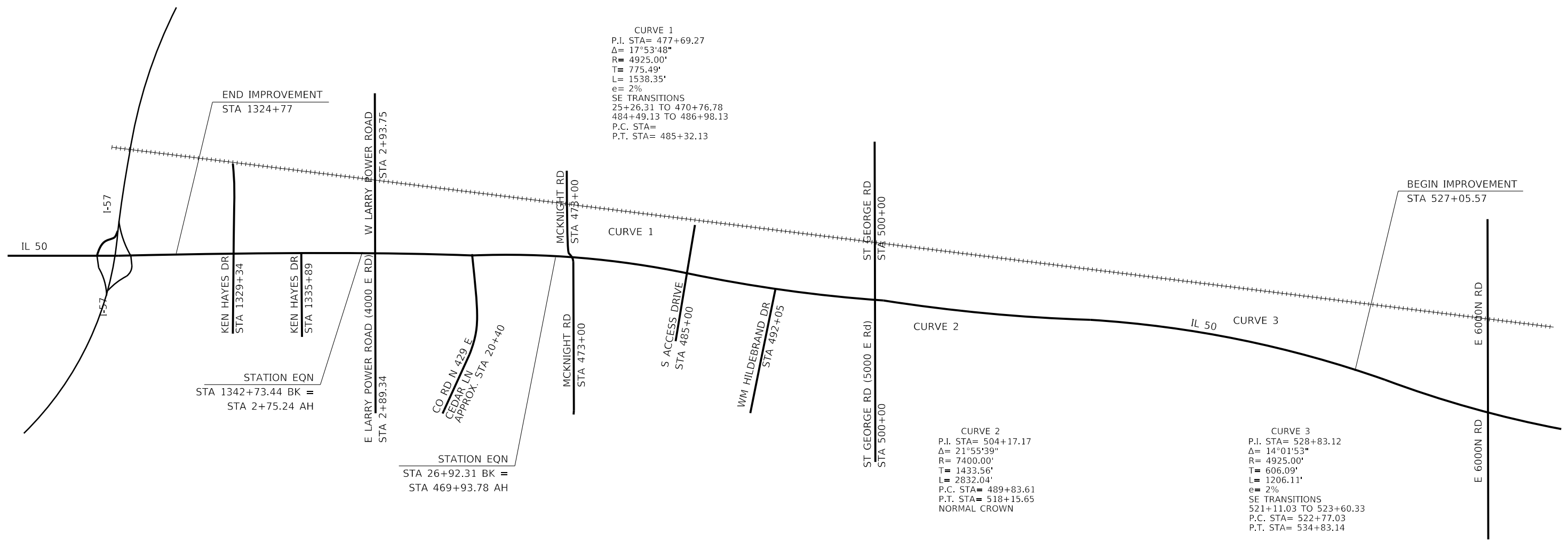
SIDEWALK SCHEDULE FOR NEW RAMP INSTALLATION					
LOCATION	PCC SIDEWALK 4"	DETECTABLE WARNINGS	COMB CC&G TYPE B-6.24	SIDEWALK REMOVAL	COMB C&G REMOVAL
	SQ FT	SQ FT	FOOT	SQ FT	FOOT
KEN HAYES DR - SOUTH					
NE QUAD	128.6	30		139	
SE QUAD	171.9	38.5		143.5	
McKNIGHT RD					
NE QUAD	119.6	21	18.3	111.5	18.3
SE QUAD	104.3	21	15.3	94.4	15.3
SOUTH ACCESS DR					
NW QUAD	27.8	10		22.5	
NE QUAD	493.6	33	41.5	536.4	41.5
SE QUAD	88	26	17.5	79.2	17.5
WM HILDEBRAND DR					
NE QUAD	210.3	20	14	198.7	14
SE QUAD	213.2	20	11.3	200.8	11.3
ST. GEORGE					
NE QUAD	118	24.5	20.4	113.8	20.4
SE QUAD	184.5	36		174	
SW QUAD	89	15	28.3	82.7	28.3
TOTALS	1948.8	295	166.6	1896.5	166.6

SHOULDER SCHEDULE		
STA TO STA	SIDE	AGG SHLDR TON
1324+77 TO 1328+23	LT	15
1332+76 TO 1340+15	LT	33
TOTALS		48

MANHOLE SCHEDULE	
	MH TO BE ADJ EACH
THROUGHOUT IMPROVEMENT	6
TOTALS	6

PAVEMENT MARKING																	
STA	DESCRIPTION	LENGTH FOOT	PREFORMED PLASTIC PVMT MARK TY B LINE 6" - WHITE FOOT	PREFORMED PLASTIC PVMT MARK TY B LINE 24" - WHITE FOOT	THERMOPLASTIC PAVEMENT MARKING LINE							GROOVING FOR RECESSED PAVEMENT MARK			RAISED REFL PAVEMENT MARKERS EACH	RAISED REFL PAVEMENT MARK REM EACH	
					4 INCH		6 INCH		8 INCH	12 INCH		LETTERS & SYMBOLS SQ FT	7 INCH	9 INCH			25 INCH
					WHITE	YELLOW	YELLOW	WHITE	WHITE	WHITE	YELLOW		FOOT	FOOT			FOOT
1324+77 TO 1342+73.44		1796.44	805	380													
1342+73.44 BK = 2+75.24 AH	STA EQ																
2+75.24 TO 25+06.5	TWTL	2231.26	1082	105													
25+06.5 TO 26+92.31		185.81	93														
26+92.31 BK = 469+93.78 AH	STA EQ																
469+93.78 TO 510+15		4021.22	1879	530													
510+15 TO 527+05.57	DBL NO PASS/SKIP	1690.57	845														
		SUBTOTAL	4704	1015	1084	24814	974	1184	6932	528.1	881.5	1514.3	4704	6419	1015	1251	1251
		TOTAL	4704	1015	25898		2158		6932	1410		1514.3	4704	6419	1015	1251	1251

TEMPORARY PAVEMENT MARKING														
STA	DESCRIPTION	LENGTH FOOT	TEMPORARY PAVEMENT MARKING LINE								PVMT MARK REM WATER BLAST SQ FT	SHORT TERM PVMT MARK FOOT	SHORT TERM PVMT MARK REM SQ FT	
			4 INCH		6 INCH		8 INCH	12 INCH		24 INCH				LETTERS & SYMBOLS SQ FT
			WHITE	YELLOW	YELLOW	WHITE	WHITE	WHITE	YELLOW					
1324+77 TO 1342+73.44		1796.44	1084	3620										
1342+73.44 BK = 2+75.24 AH	STA EQ													
2+75.24 TO 25+06.5	TWTL	2231.26		4756	974	1082	246		38.5	105	312	3338	6879	764
25+06.5 TO 26+92.31		185.81		744		93	93		81			438	363	40
26+92.31 BK = 469+93.78 AH	STA EQ													
469+93.78 TO 510+15		4021.22		12312		2833	4064	168	625.5	530	733.2	10817	15068	1674
510+15 TO 527+05.57	DBL NO PASS/SKIP	1690.57		3382		845						1550	2029	225
		SUBTOTAL	1084	24814	974	5888	6932	528.1	881.5	1015	1514.3	21640	32086	3564
		TOTAL	25898		6862	6932	1410		1015	1514.3	21640	32086	3564	



CURVE 1
 P.I. STA= 477+69.27
 Δ = 17°53'48"
 R= 4925.00'
 T= 775.49'
 L= 1538.35'
 e= 2%
 SE TRANSITIONS
 25+26.31 TO 470+76.78
 484+49.13 TO 486+98.13
 P.C. STA=
 P.T. STA= 485+32.13

END IMPROVEMENT
 STA 1324+77

BEGIN IMPROVEMENT
 STA 527+05.57

STATION EQN
 STA 1342+73.44 BK =
 STA 2+75.24 AH

STATION EQN
 STA 26+92.31 BK =
 STA 469+93.78 AH

CURVE 2
 P.I. STA= 504+17.17
 Δ = 21°55'39"
 R= 7400.00'
 T= 1433.56'
 L= 2832.04'
 P.C. STA= 489+83.61
 P.T. STA= 518+15.65
 NORMAL CROWN

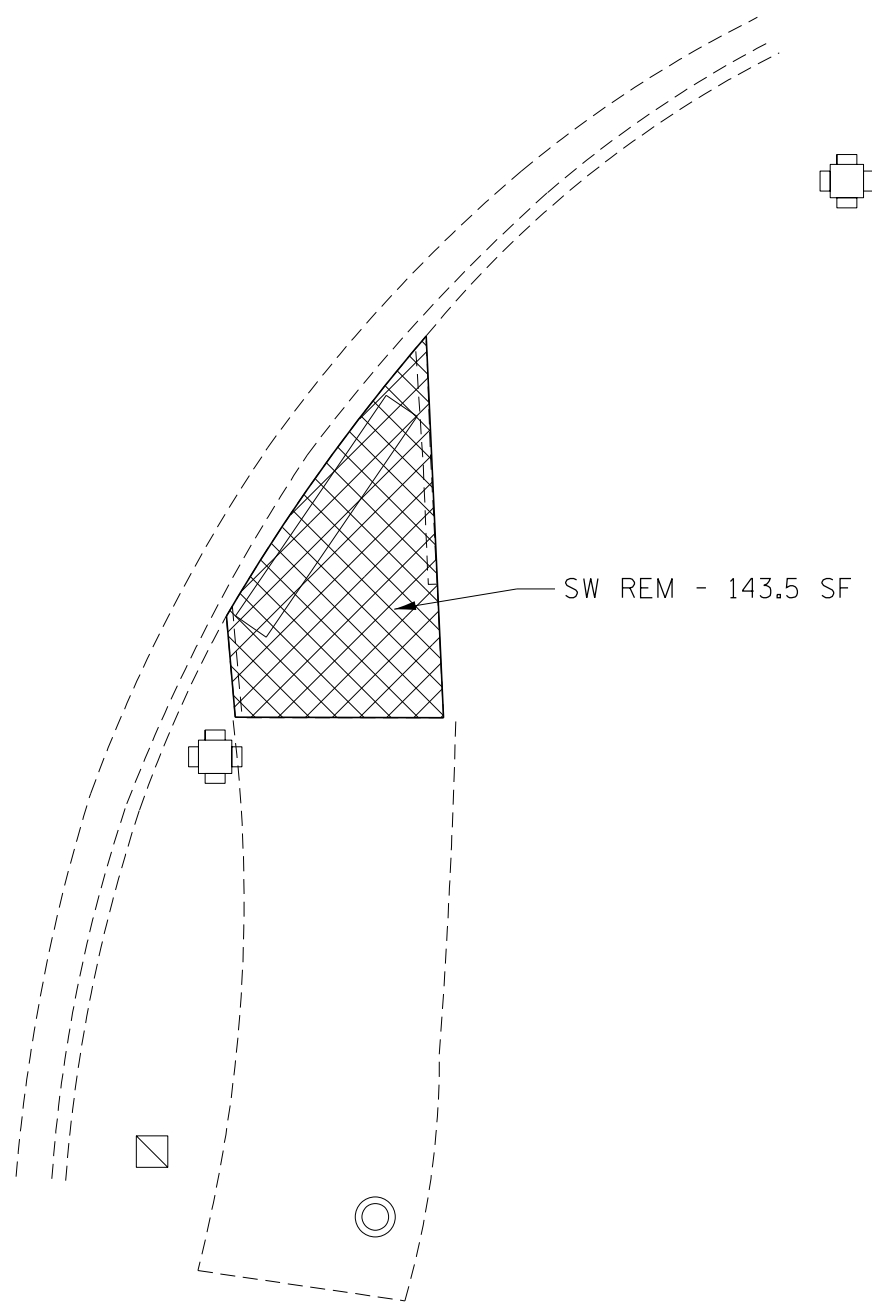
CURVE 3
 P.I. STA= 528+83.12
 Δ = 14°01'53"
 R= 4925.00'
 T= 606.09'
 L= 1206.11'
 e= 2%
 SE TRANSITIONS
 521+11.03 TO 523+60.33
 P.C. STA= 522+77.03
 P.T. STA= 534+83.14

PERMANENT SURVEY MARKER SCHEDULE

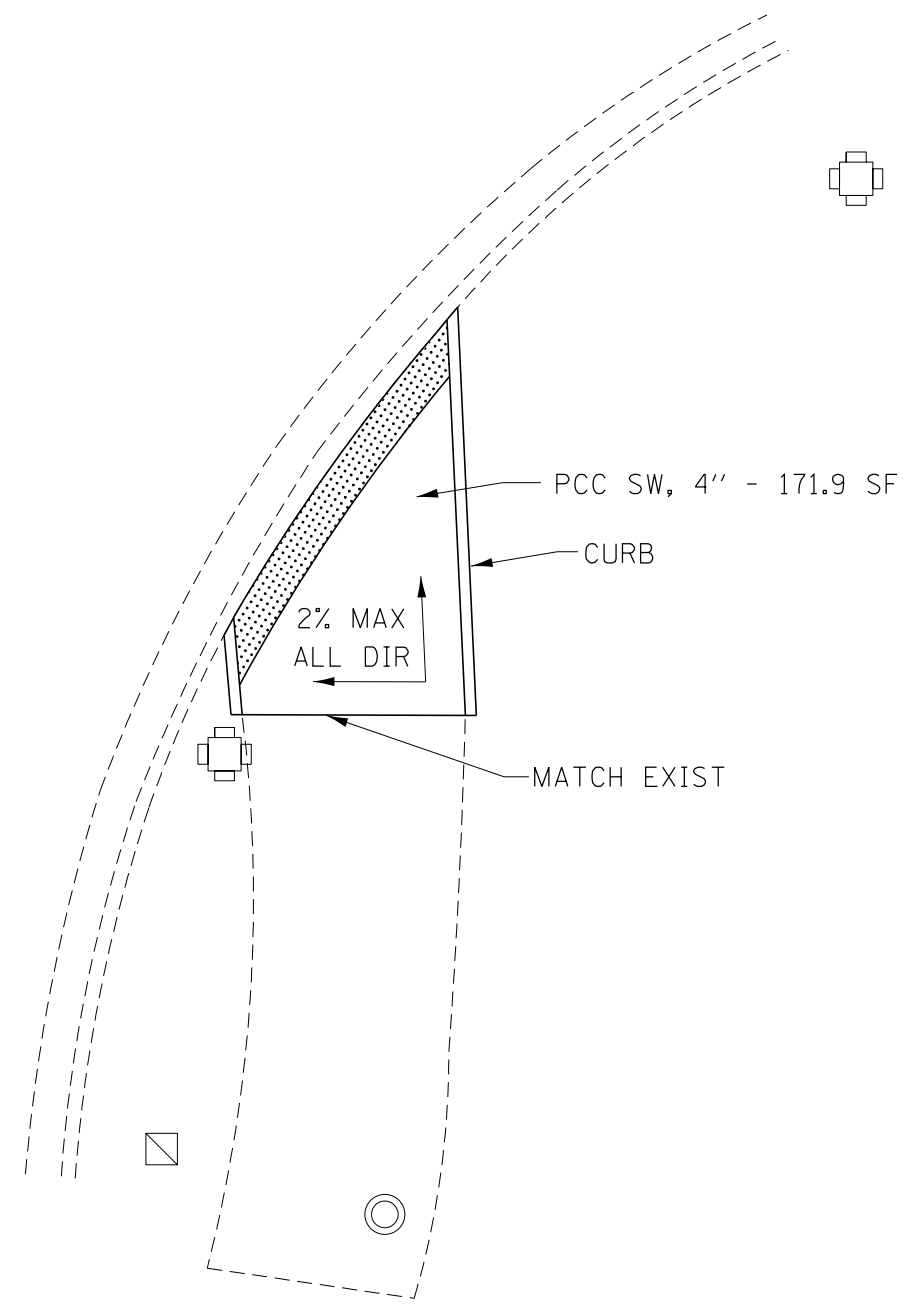
GPS NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
PC4699378	PC STA. 469+93.78	PLAQUE STEM	TYPE 1	NO	1

THE LISTED MONUMENT HAS BEEN GPS'D. PRE CONSTRUCTION TIES BY THE R.E. ARE NOT REQUIRED.
 THE R.E. MUST TIE AND BRING TO THE ATTENTION OF PLATS AND PLANS PERSONNEL ANY ADDITIONAL UNLISTED MONUMENTS FOUND.
 UPON PAVING COMPLETION, THE R.E. WILL DIRECT PLATS AND PLANS PERSONNEL TO STAKE THE LOCATION FOR TYPE 1 MONUMENT CORING.
 NO MONUMENT RECORDS ARE REQUIRED FOR THIS JOB.




- RESPONSIBILITY:**
 1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
 2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT



EXISTING SE QUADRANT



PROPOSED SE QUADRANT

-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  CCC&G REMOVAL



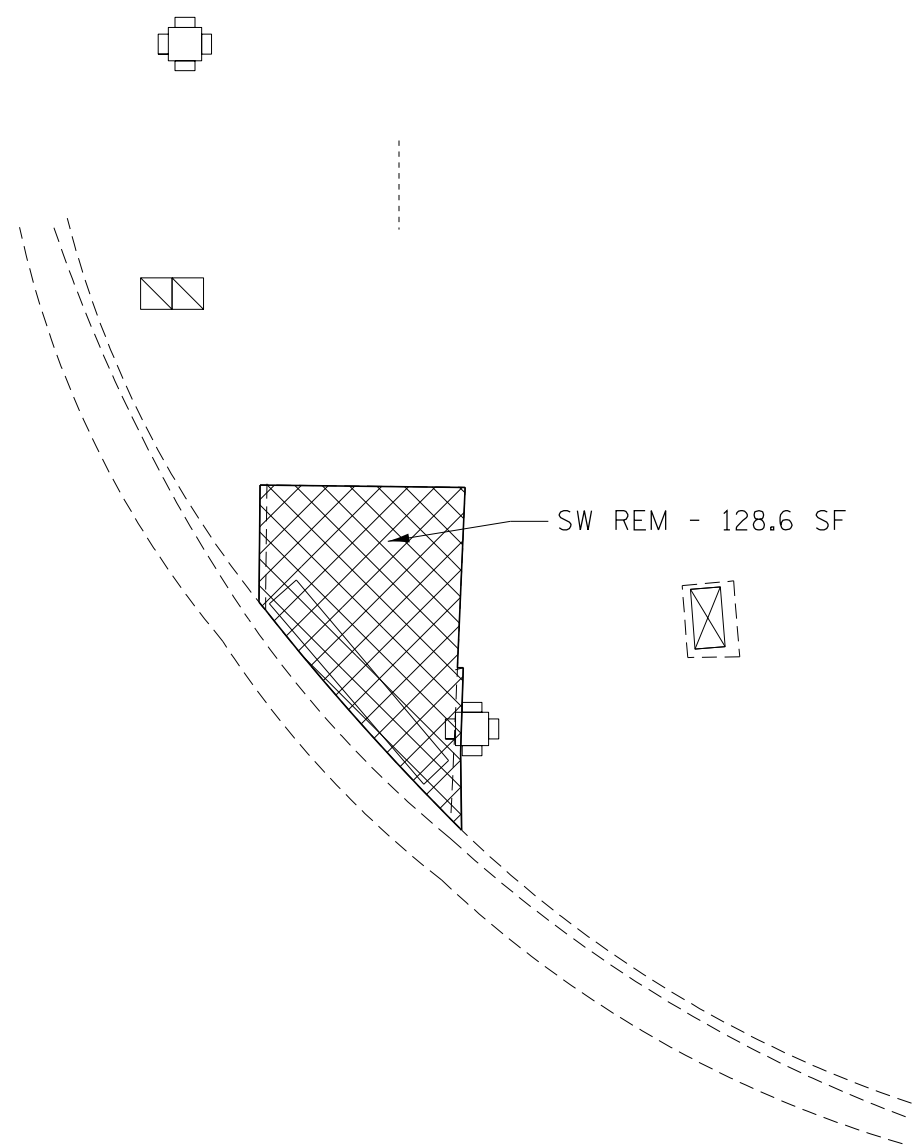
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

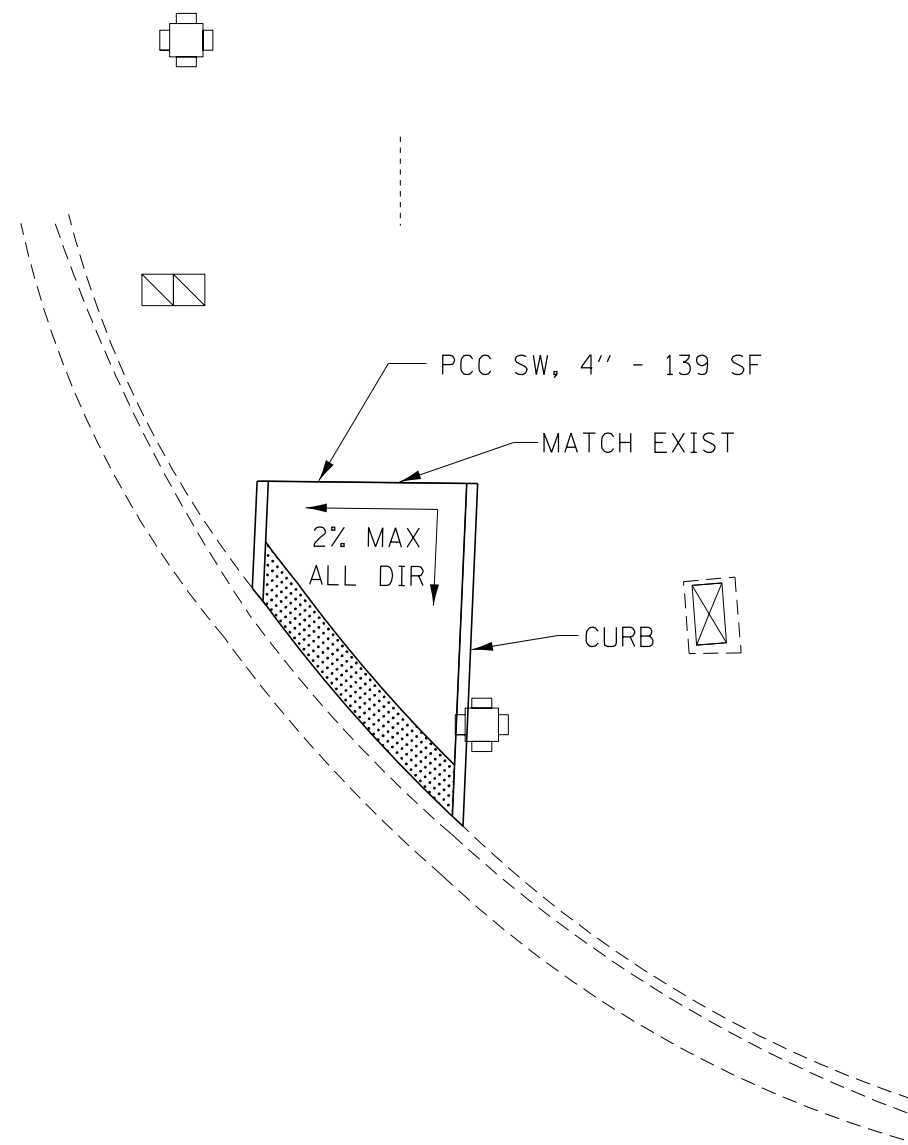
**ADA RAMP DETAILS
KEN HAYES RD (SOUTH)**

SCALE: SHEET OF SHEETS STA. TO STA.

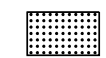


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	12
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



EXISTING NE QUADRANT



PROPOSED NE QUADRANT

-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  CCC&G REMOVAL



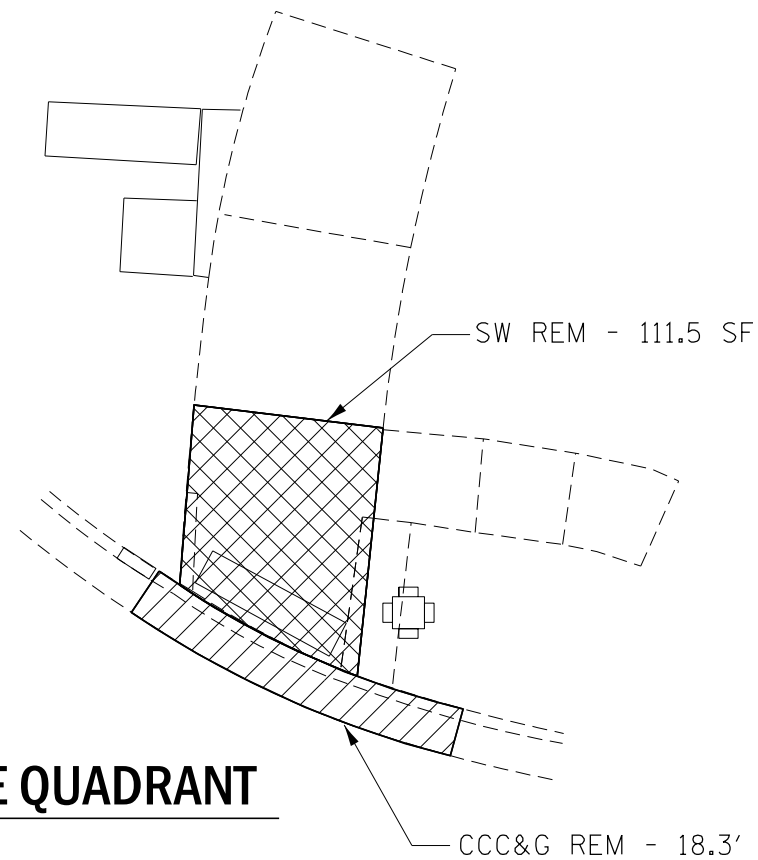
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

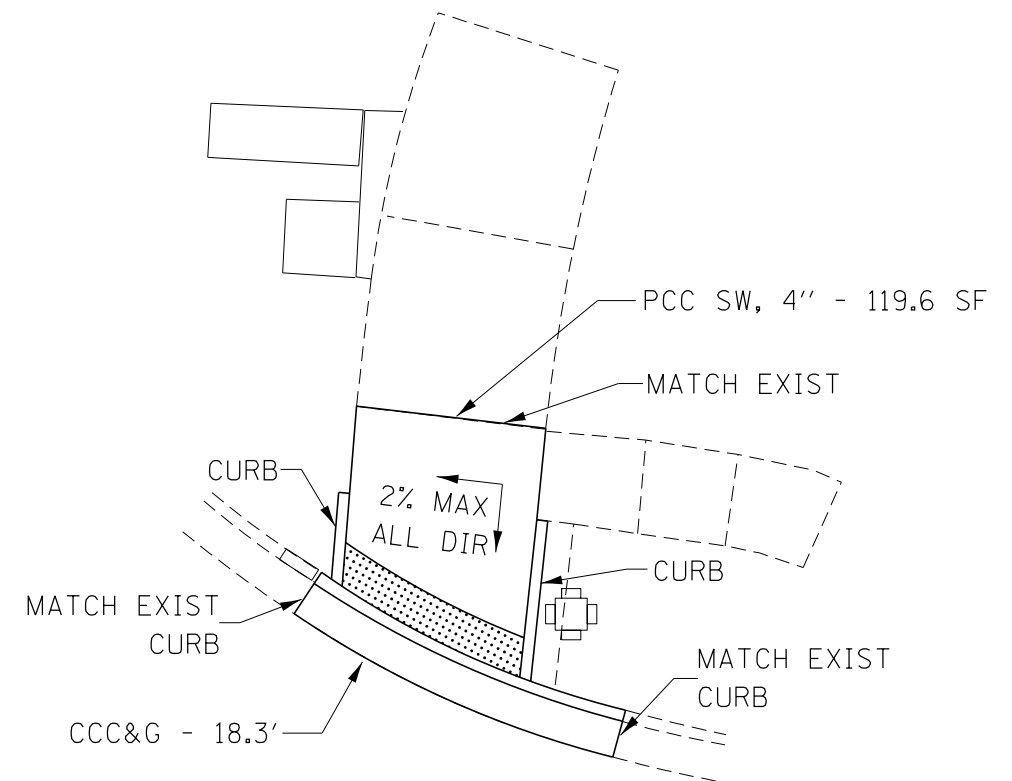
**ADA RAMP DETAILS
KEN HAYES RD (SOUTH)**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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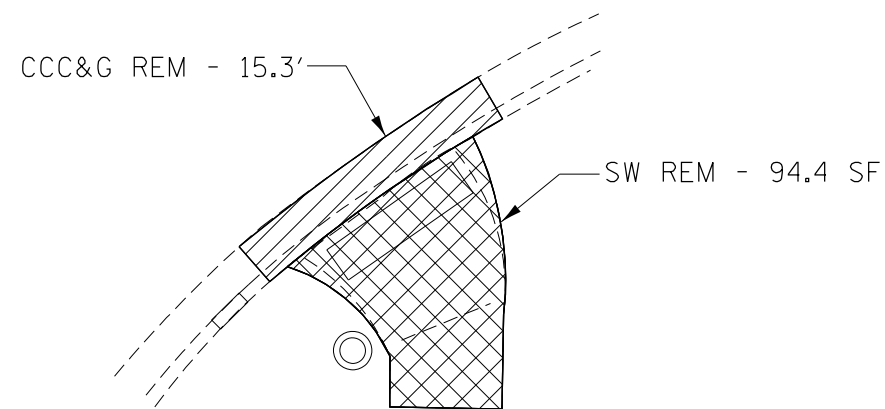
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66D65	



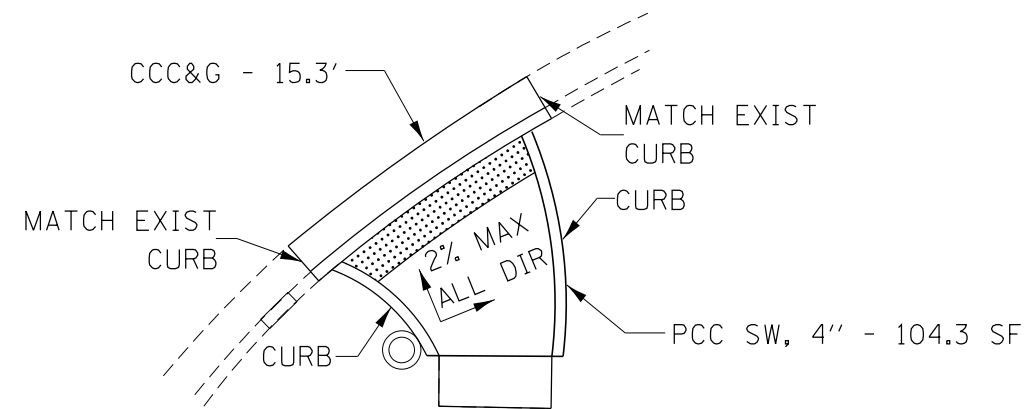
EXISTING NE QUADRANT






PROPOSED NE QUADRANT



EXISTING SE QUADRANT



PROPOSED SE QUADRANT

-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  CCC&G REMOVAL



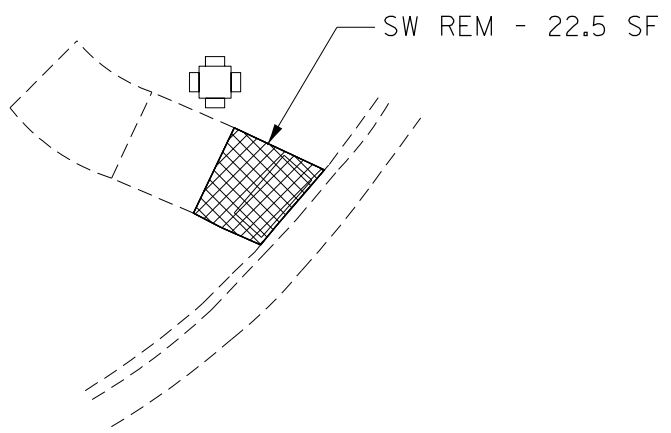
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

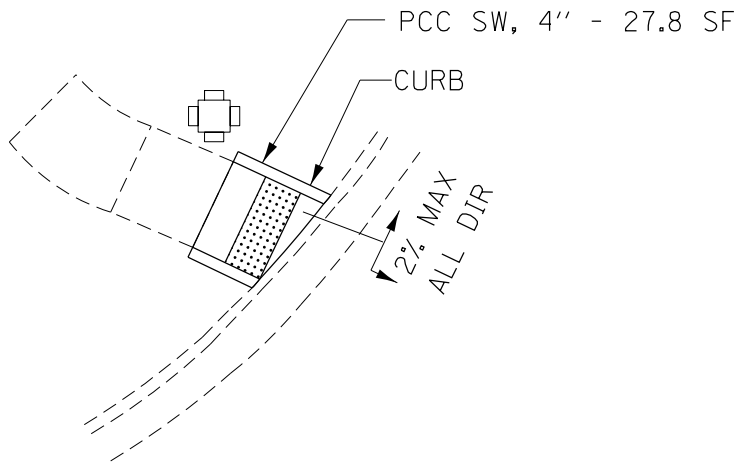
**ADA RAMP DETAILS
McKNIGHT RD**

SCALE: SHEET OF SHEETS STA. TO STA.

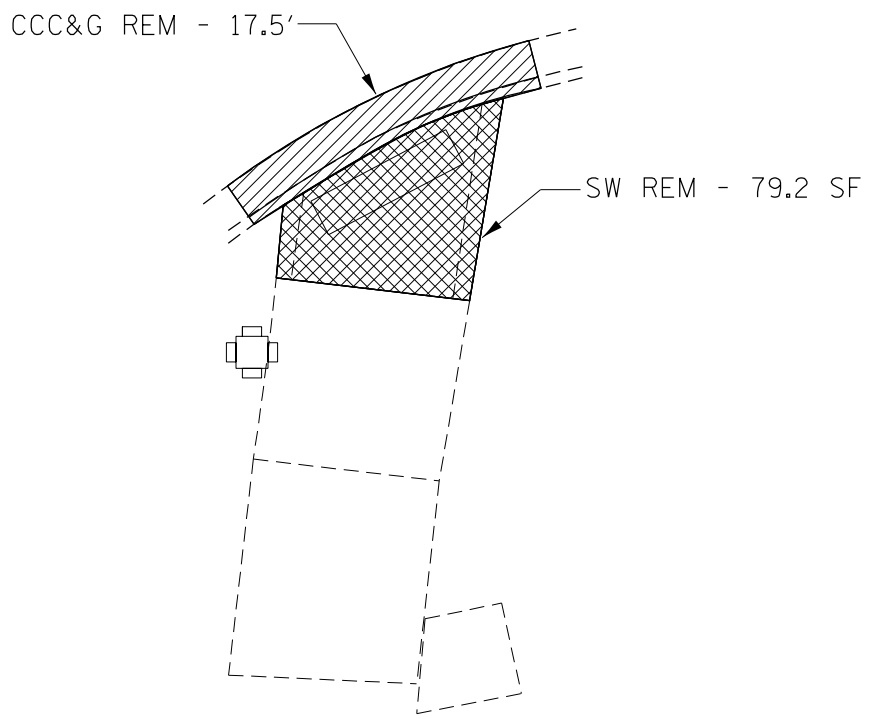
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	14
			CONTRACT NO. 66D65	
ILLINOIS FED. AID PROJECT				



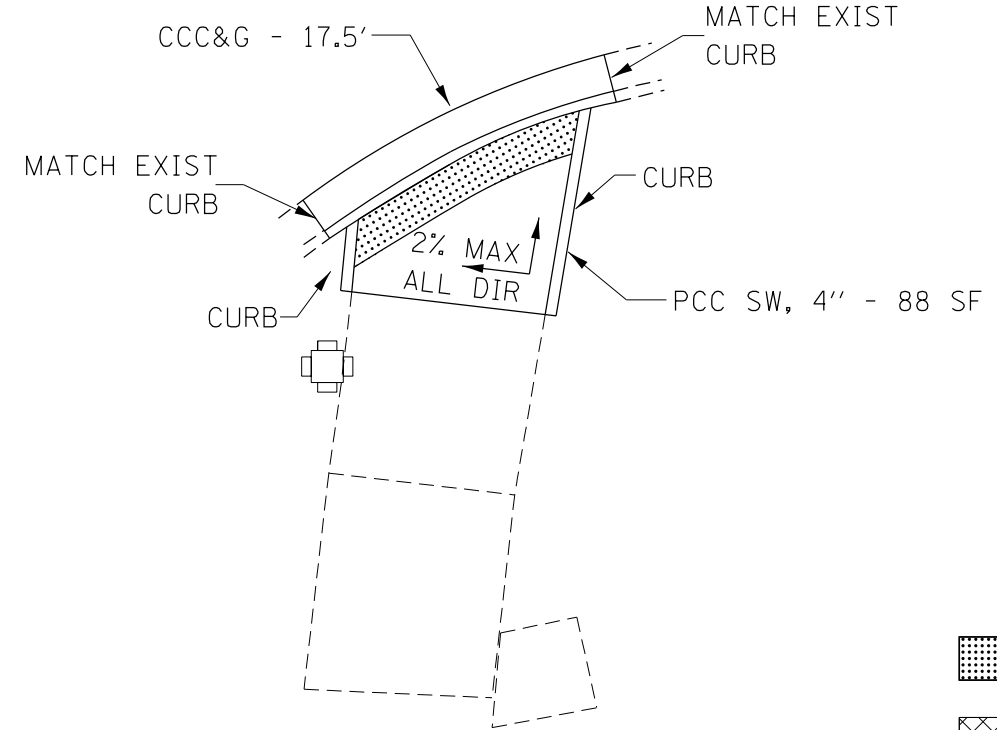
EXISTING NW QUADRANT



PROPOSED NW QUADRANT



EXISTING SE QUADRANT



PROPOSED SE QUADRANT

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CCC&G REMOVAL



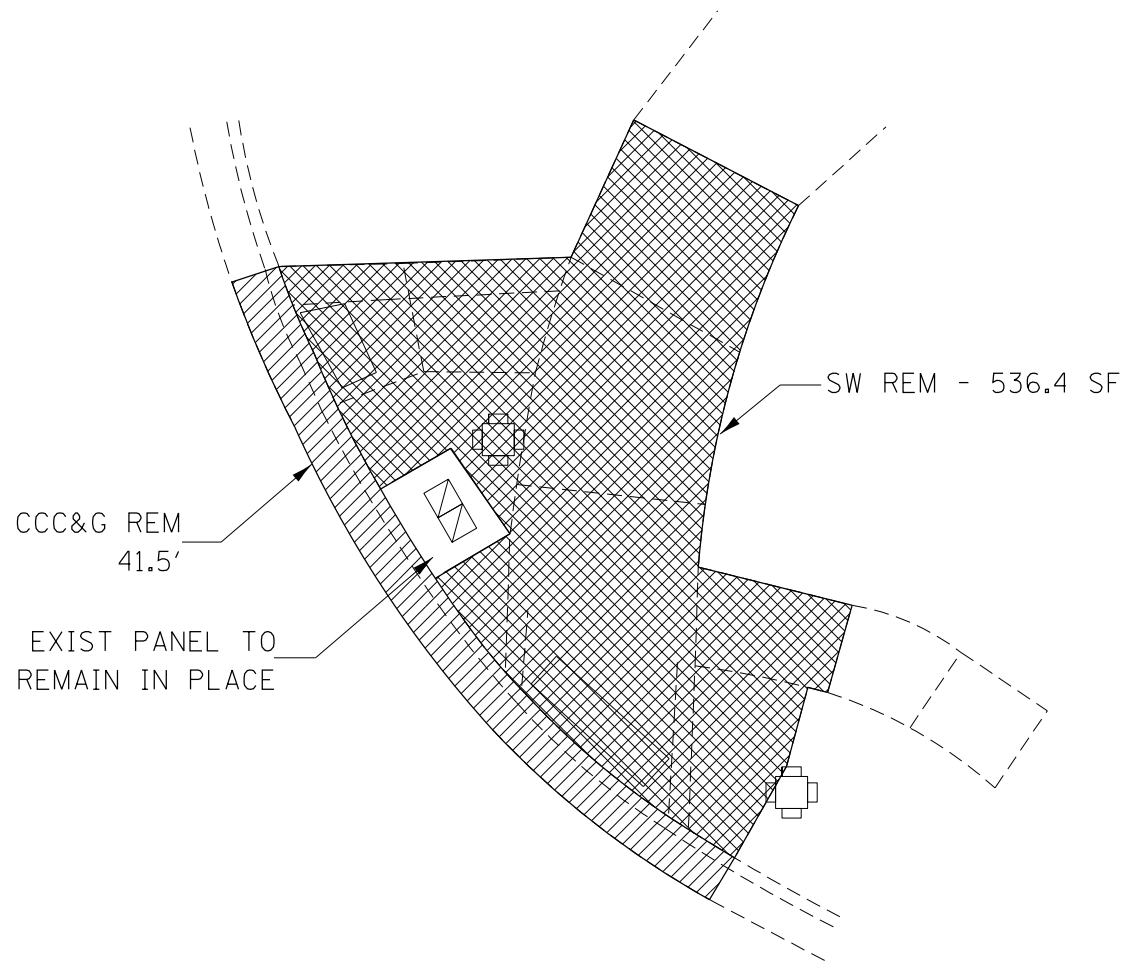
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

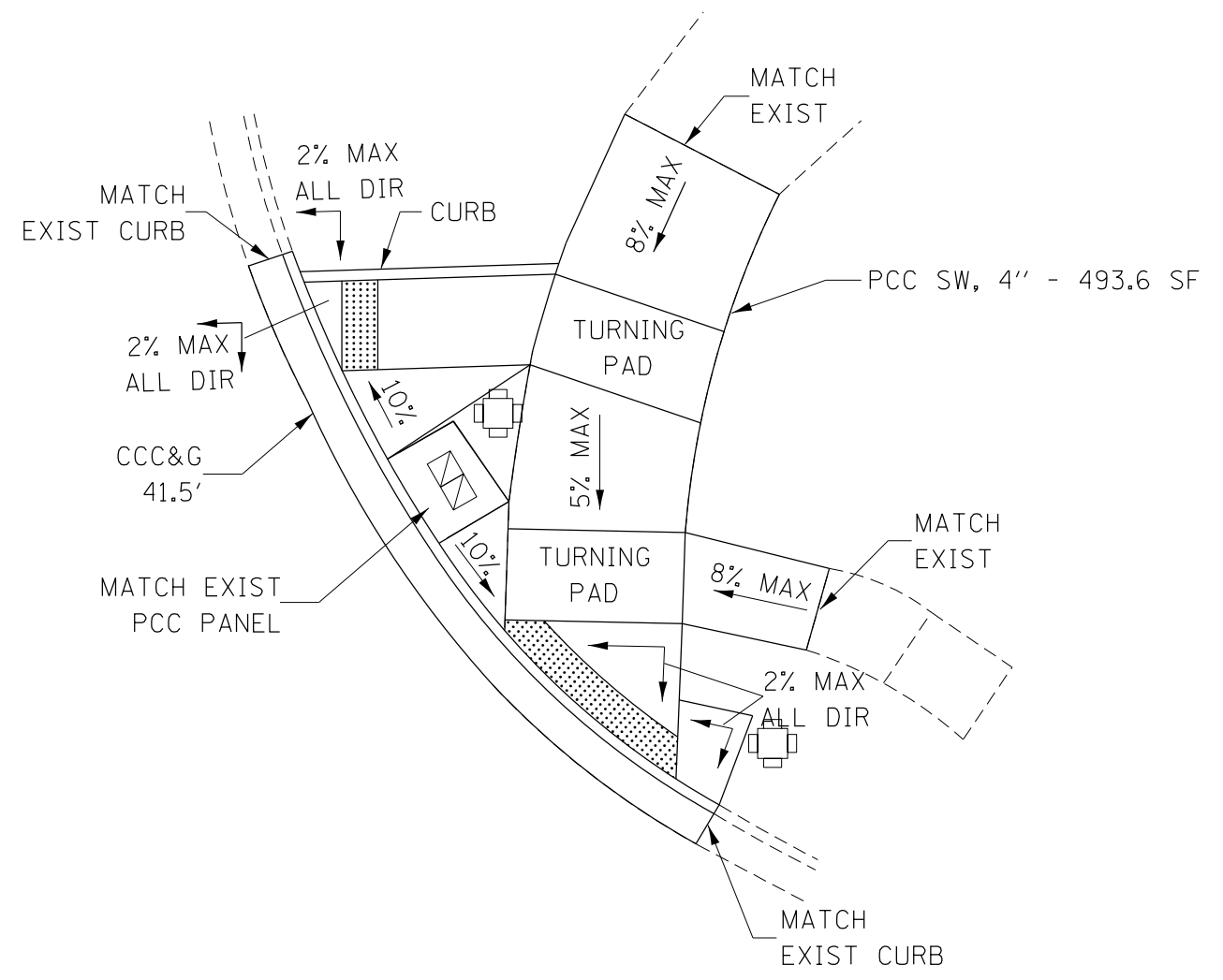
**ADA RAMP DETAILS
SOUTH ACCESS DR**

SCALE: SHEET OF SHEETS STA. TO STA.




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	15
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



EXISTING NE QUADRANT

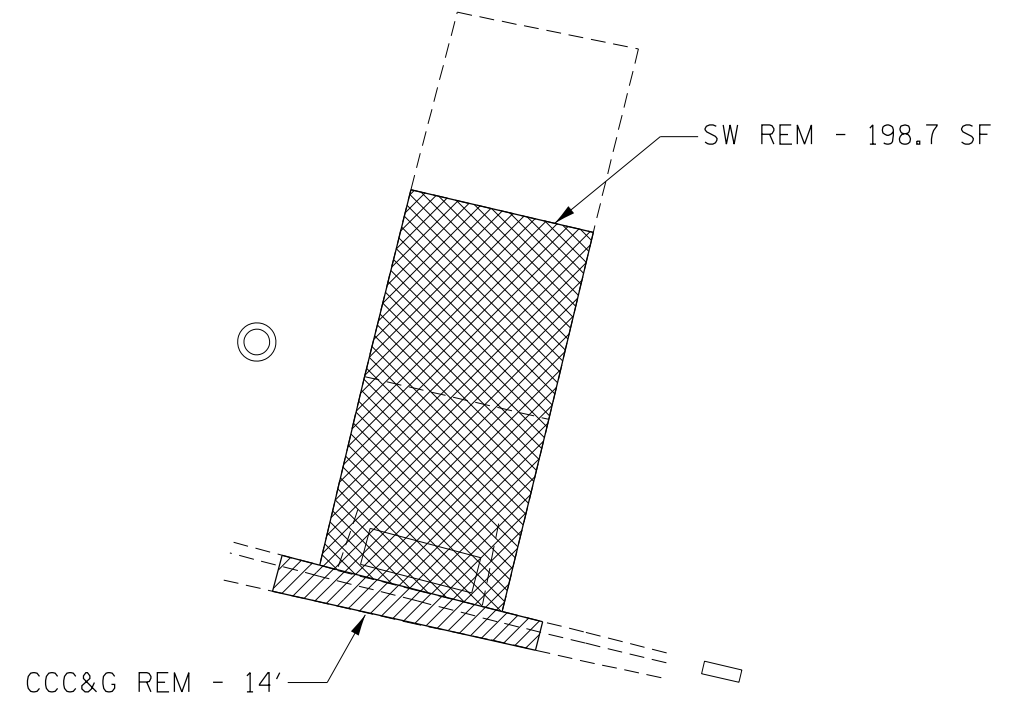


PROPOSED NE QUADRANT

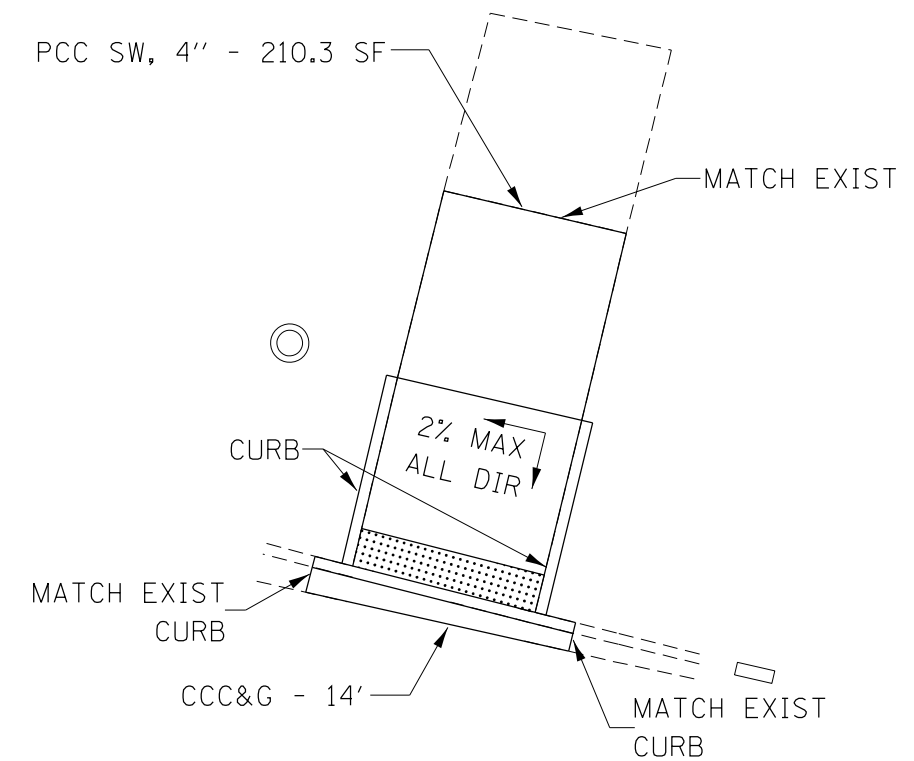
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  CCC&G REMOVAL



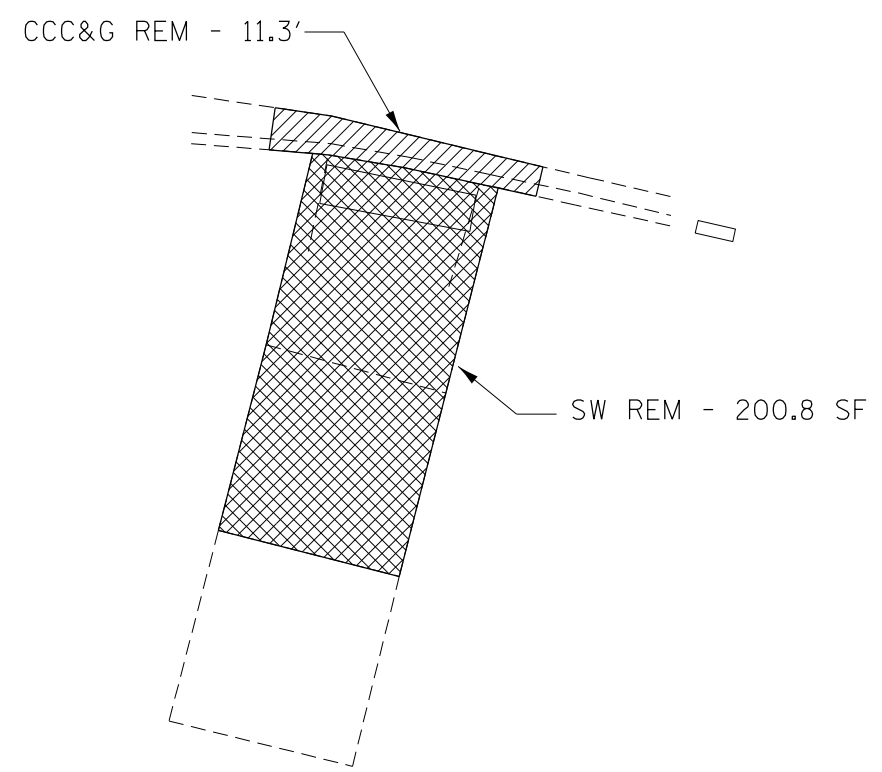
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Default	PLOT SCALE = 10.0000' / 1"	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 66D65				
	PLOT DATE = 1/29/2018				ILLINOIS FED. AID PROJECT								



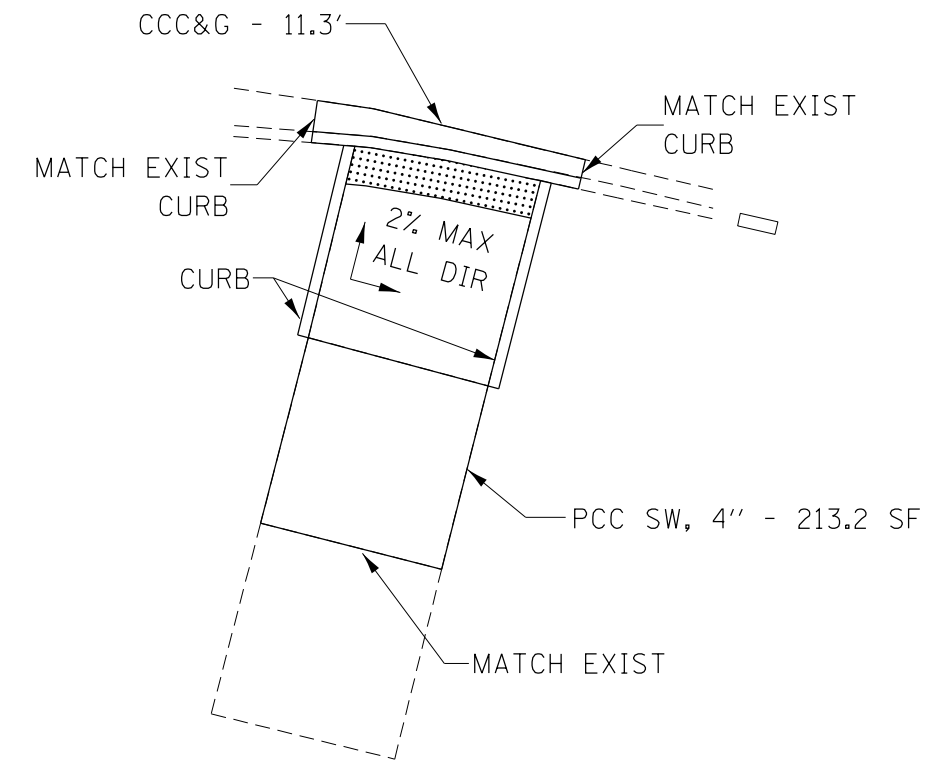
EXISTING NE QUADRANT



PROPOSED NE QUADRANT



EXISTING SE QUADRANT



PROPOSED SE QUADRANT

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CCC&G REMOVAL



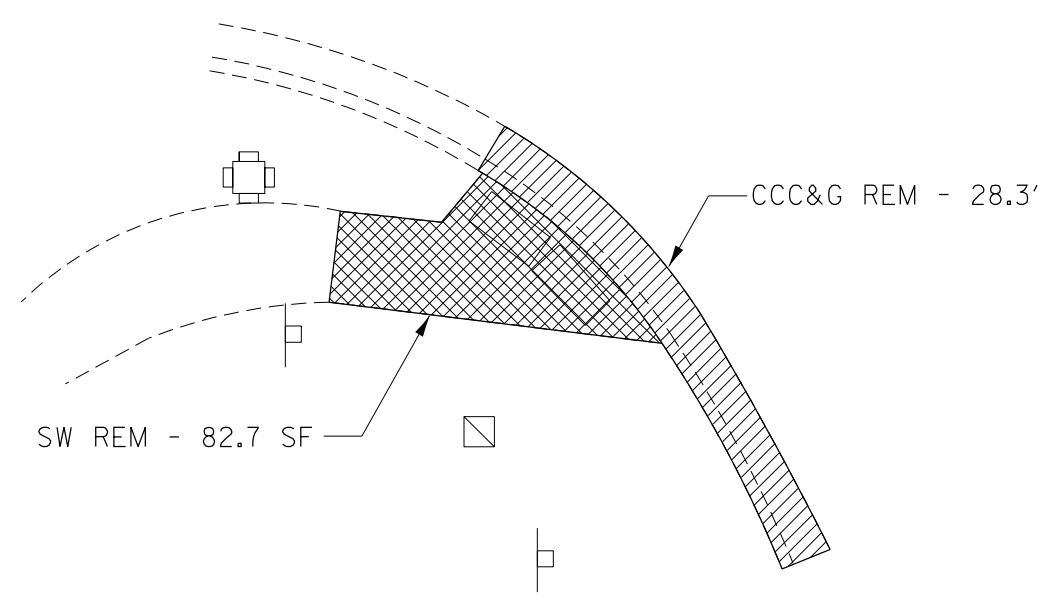
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

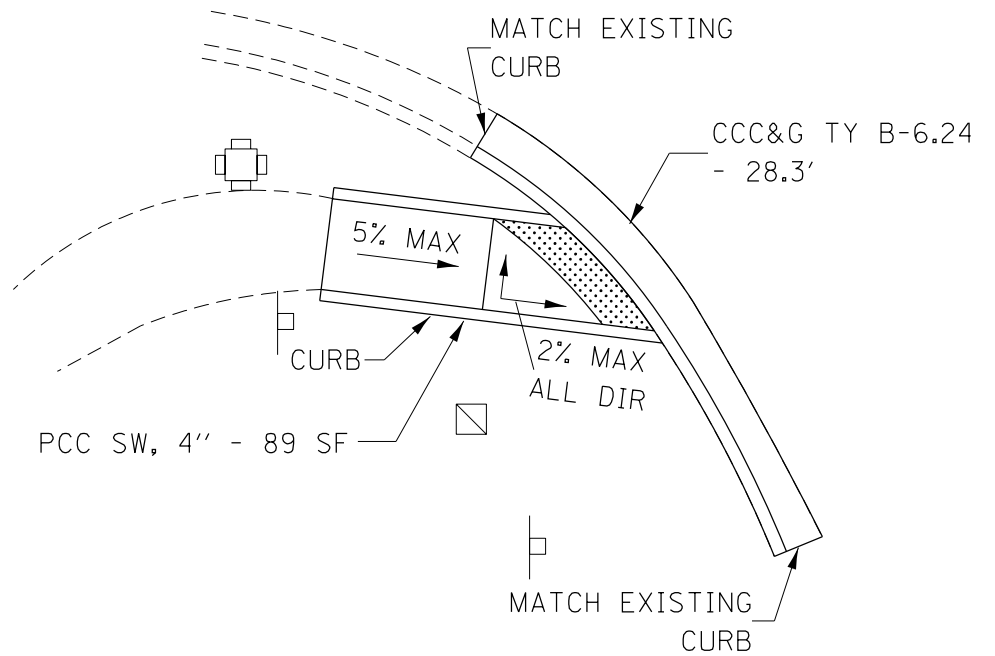
**ADA RAMP DETAILS
WM HILDEBRAND DR**

SCALE: SHEET OF SHEETS STA. TO STA.

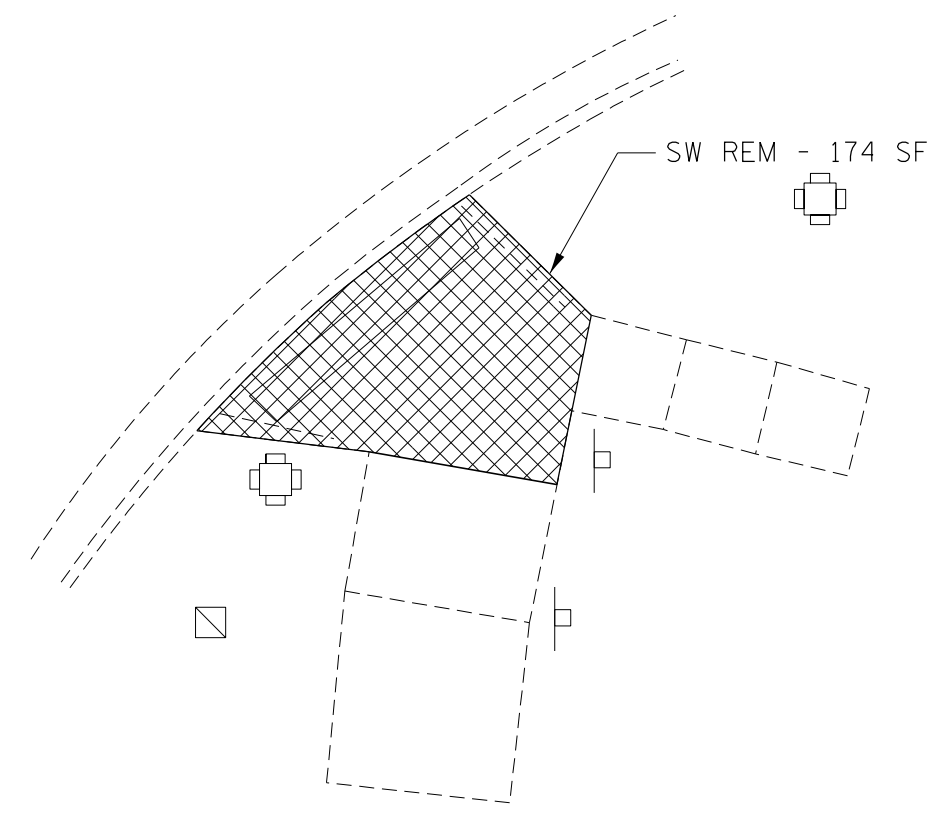
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66D65	



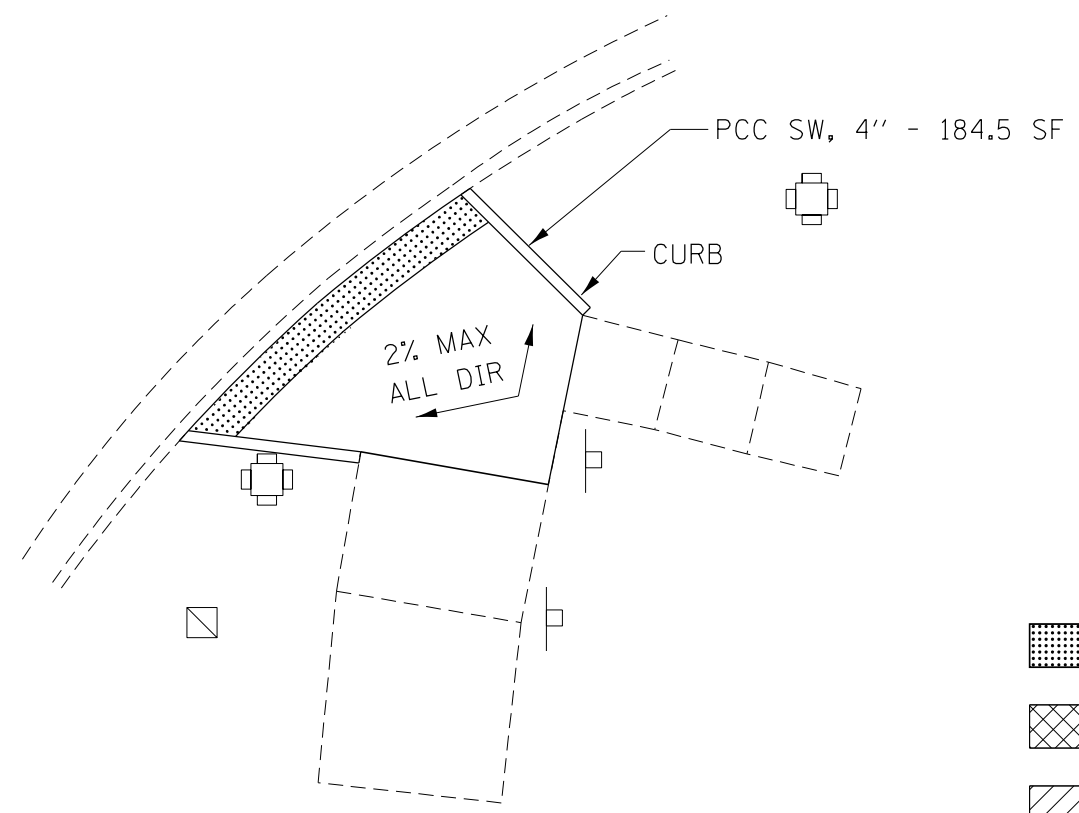
EXISTING SW QUADRANT






PROPOSED SW QUADRANT



EXISTING SE QUADRANT



PROPOSED SE QUADRANT

-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  CCC&G REMOVAL



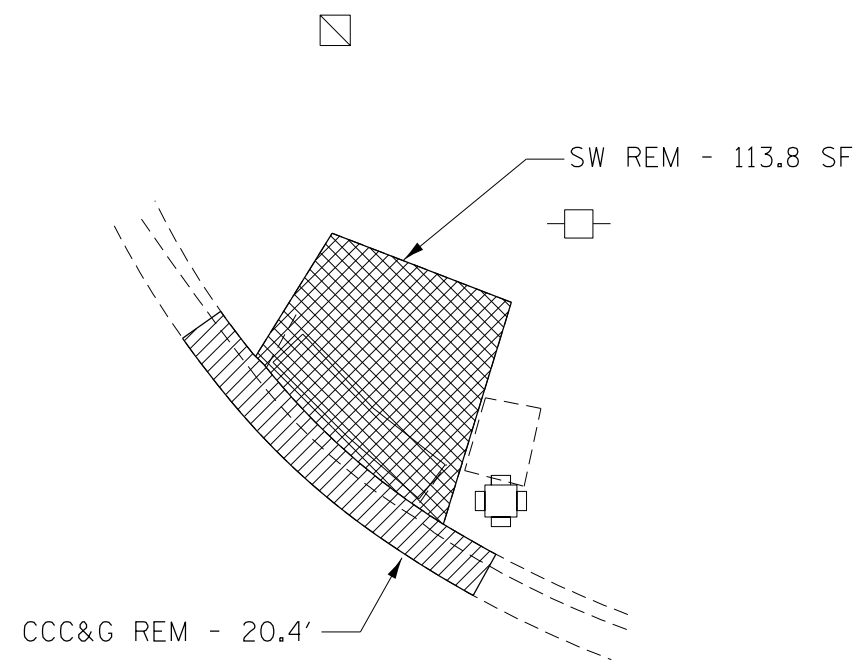
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Default	PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

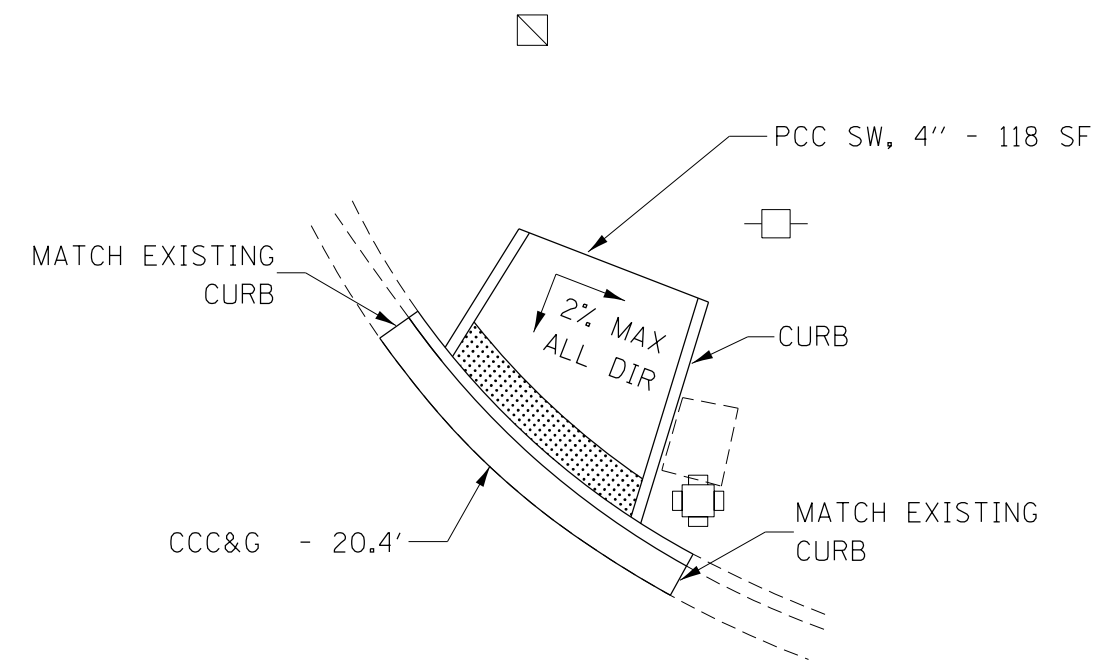
**ADA RAMP DETAILS
ST GEORGE RD**

SCALE: SHEET OF SHEETS STA. TO STA.




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	18
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				

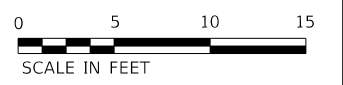


EXISTING NE QUADRANT



PROPOSED NE QUADRANT

-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
-  CCC&G REMOVAL



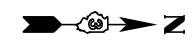
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

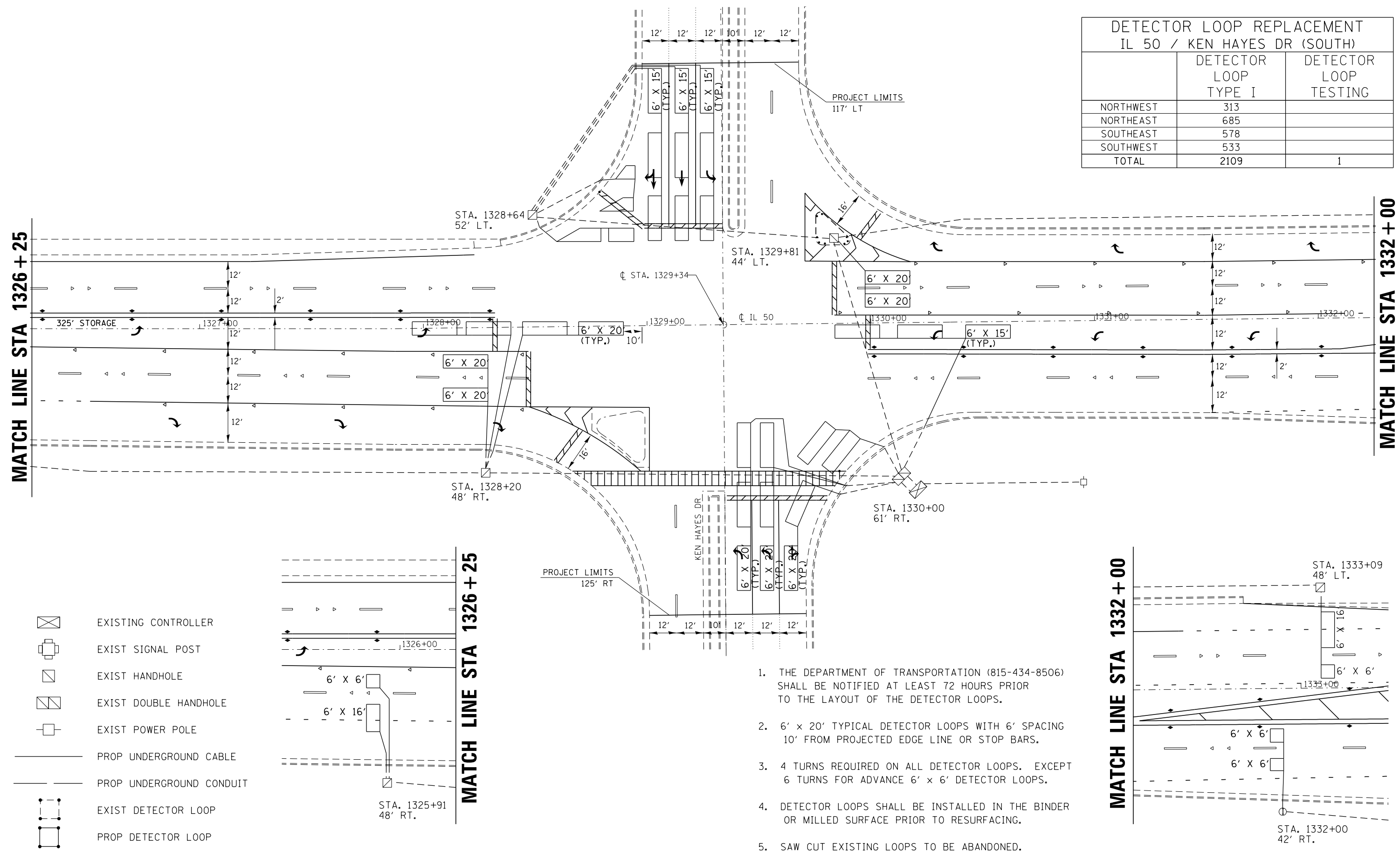
**ADA RAMP DETAILS
ST GEORGE RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	19
				CONTRACT NO. 66D65
ILLINOIS FED. AID PROJECT				



DETECTOR LOOP REPLACEMENT IL 50 / KEN HAYES DR (SOUTH)		
	DETECTOR LOOP TYPE I	DETECTOR LOOP TESTING
NORTHWEST	313	
NORTHEAST	685	
SOUTHEAST	578	
SOUTHWEST	533	
TOTAL	2109	1



MATCH LINE STA 1326 + 25

MATCH LINE STA 1332 + 00

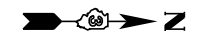
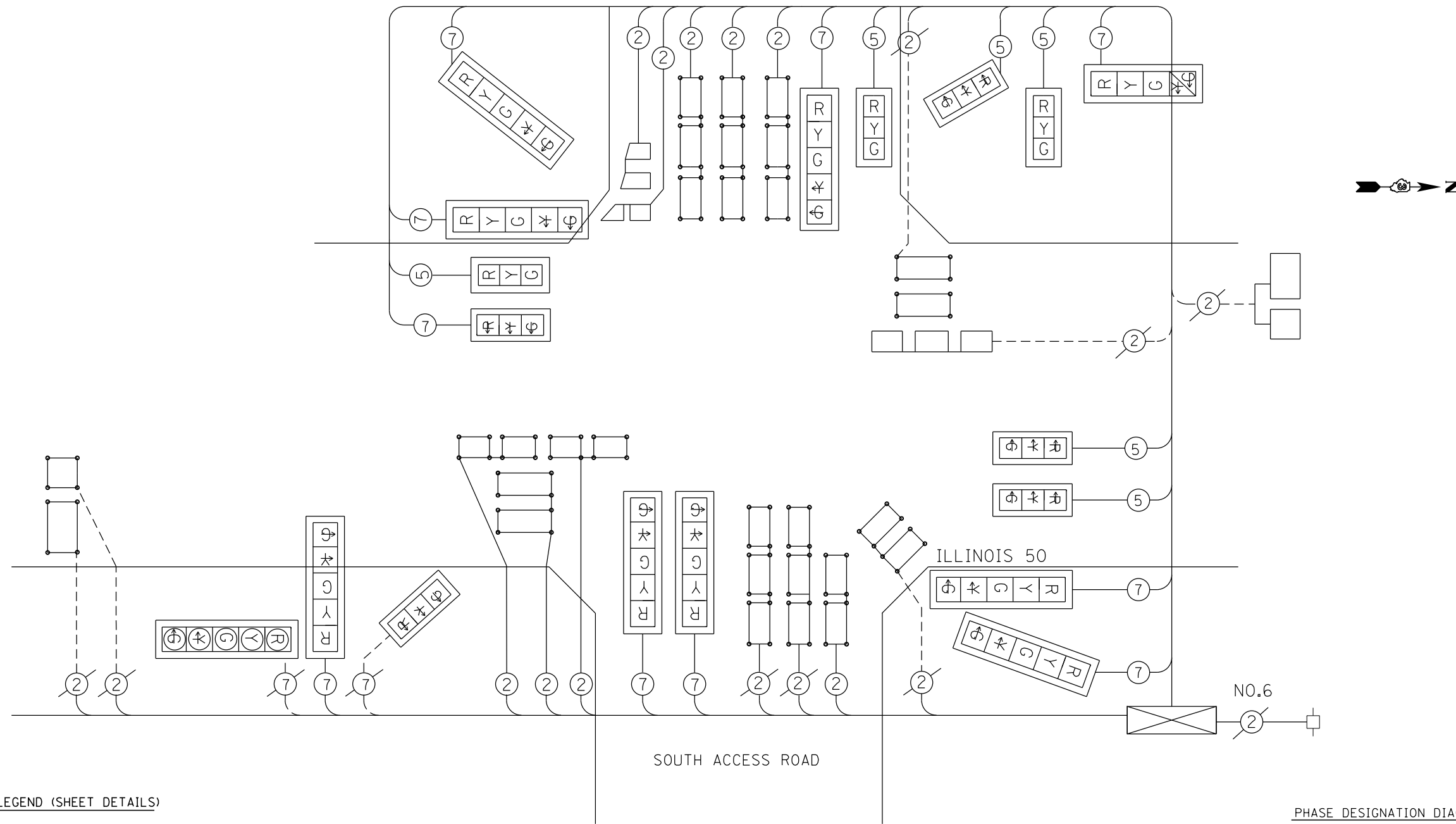
MATCH LINE STA 1326 + 25

MATCH LINE STA 1332 + 00









- EXISTING CONTROLLER
- EXIST SIGNAL POST
- EXIST HANDHOLE
- EXIST DOUBLE HANDHOLE
- EXIST POWER POLE
- PROP UNDERGROUND CABLE
- PROP UNDERGROUND CONDUIT
- EXIST DETECTOR LOOP
- PROP DETECTOR LOOP

1. THE DEPARTMENT OF TRANSPORTATION (815-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS.
2. 6' x 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING 10' FROM PROJECTED EDGE LINE OR STOP BARS.
3. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS. EXCEPT 6 TURNS FOR ADVANCE 6' x 6' DETECTOR LOOPS.
4. DETECTOR LOOPS SHALL BE INSTALLED IN THE BINDER OR MILLED SURFACE PRIOR TO RESURFACING.
5. SAW CUT EXISTING LOOPS TO BE ABANDONED.

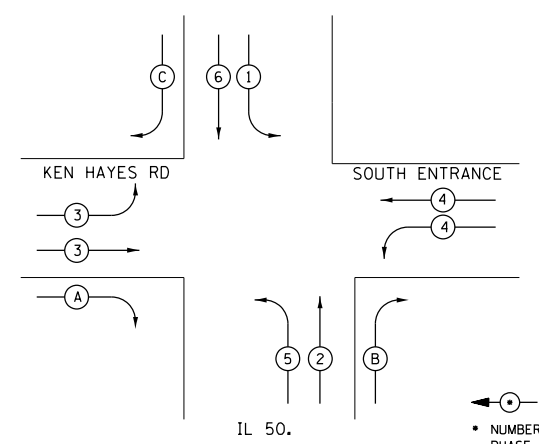
FILE NAME =	USER NAME = corcoranim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 50 AND KEN HAYES DR SOUTH DETECTOR LOOPS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 3\Projects\0366065\B366065-shd-details.dgn		CHECKED -	REVISED -		840	140 RS-8	KANKAKEE	44	20			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 66D65							
	PLOT DATE = 1/29/2018				ILLINOIS FED. AID PROJECT							




TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

-  8" TRAFFIC SIGNAL SECTION
-  12" TRAFFIC SIGNAL SECTION
-  PROPOSED CABLE NUMBER
• = NUMBER OF CONDUCTORS
-  EX. CONTROLLER CABINET
-  VEHICLE DETECTOR, INDUCTION LOOP
-  SERVICE INSTALLATION, EXISTING
-  DUAL-INDICATION SIGNAL SECTION
-  SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.

PHASE DESIGNATION DIAGRAM
NOT TO SCALE



- LEGEND**
-  VEHICULAR MOVEMENT
 - NUMBER REFERS TO ASSOCIATED PHASE

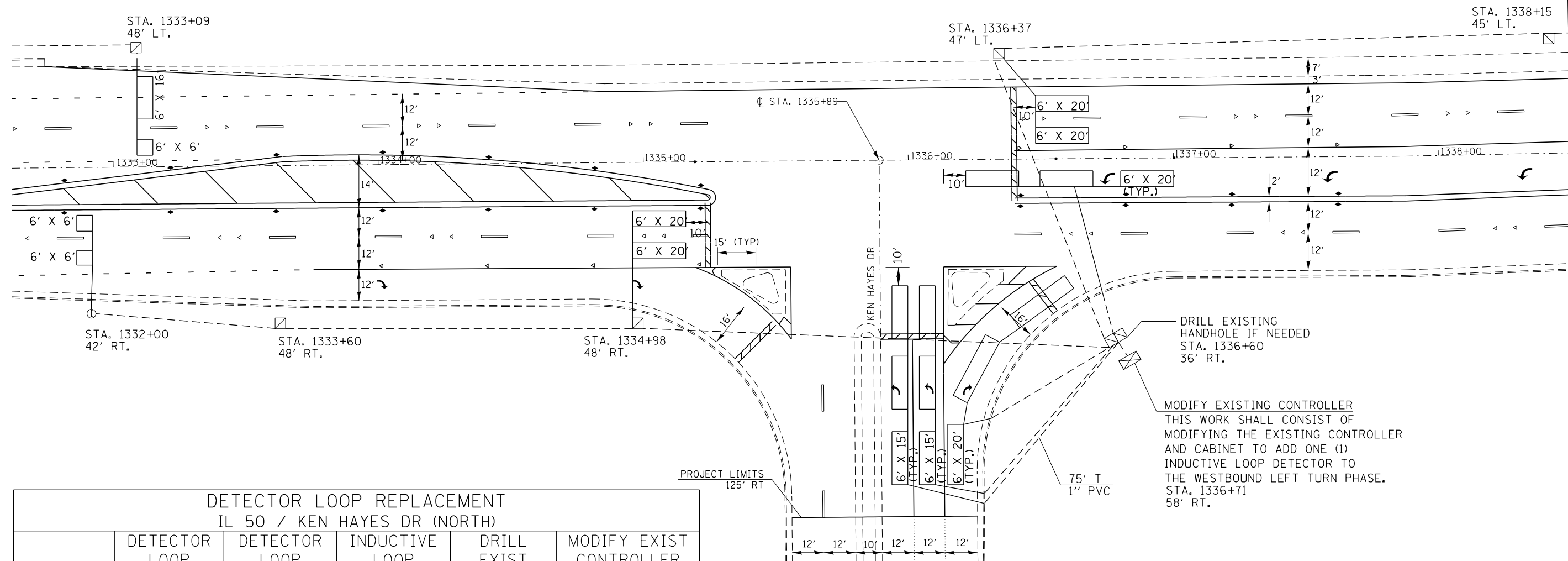
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 50 AND KEN HAYES DR SOUTH
CABLE PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	21
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



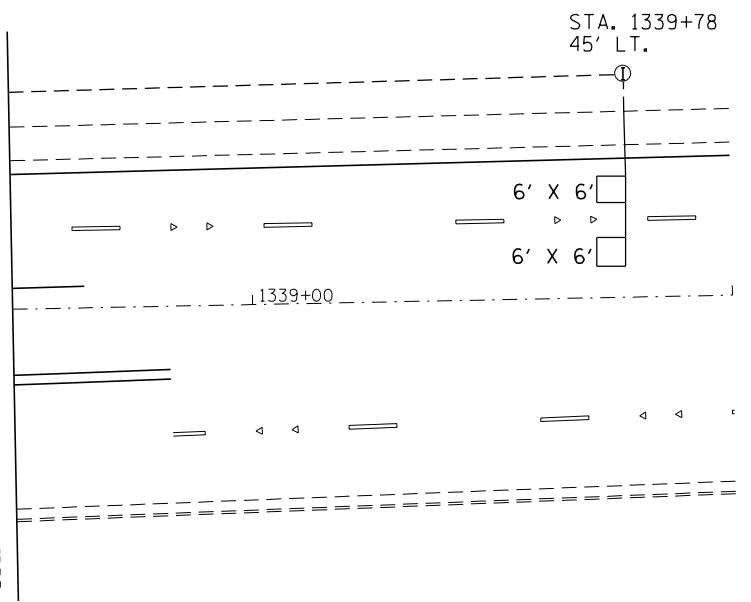
MATCH LINE STA 1338 + 50

**DETECTOR LOOP REPLACEMENT
IL 50 / KEN HAYES DR (NORTH)**

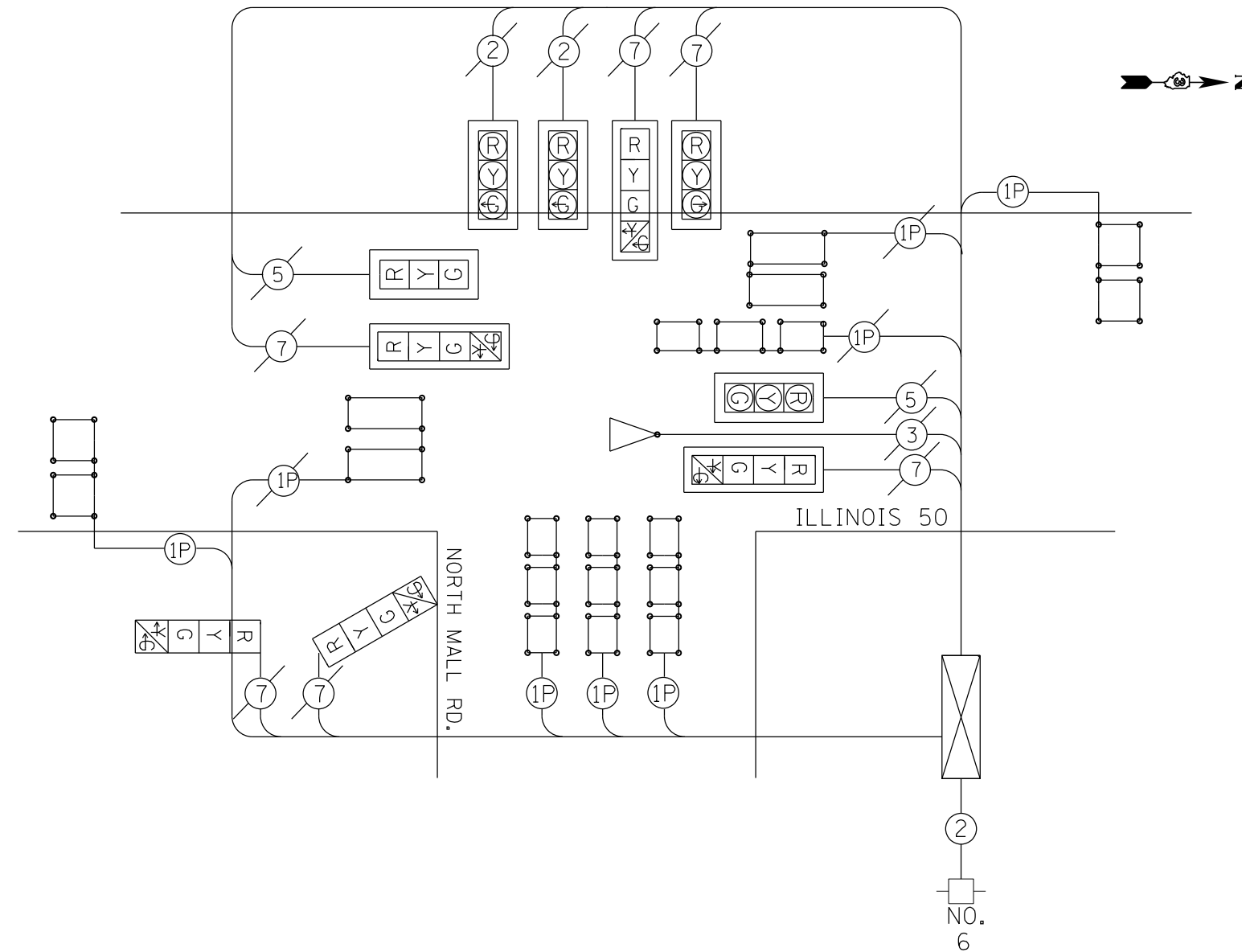
	DETECTOR LOOP TYPE I	DETECTOR LOOP TESTING	INDUCTIVE LOOP DETECTOR	DRILL EXIST HANDHOLE	MODIFY EXIST CONTROLLER & CABINET
NORTHWEST	411				
NORTHEAST	515		1	1	1
SOUTHEAST	197				
TOTAL	1123	1	1	1	1

- EXISTING CONTROLLER
- EXIST SIGNAL POST
- EXIST HANDHOLE
- EXIST DOUBLE HANDHOLE
- EXIST POWER POLE
- PROP UNDERGROUND CABLE
- PROP UNDERGROUND CONDUIT
- EXIST DETECTOR LOOP
- PROP DETECTOR LOOP

MATCH LINE STA 1338 + 50



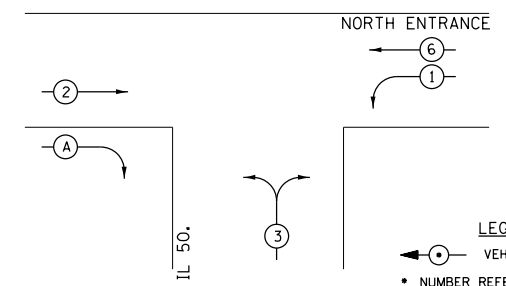
1. THE DEPARTMENT OF TRANSPORTATION (815-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS.
2. 6' x 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING 10' FROM PROJECTED EDGE LINE OR STOP BARS.
3. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS. EXCEPT 6 TURNS FOR ADVANCE 6' x 6' DETECTOR LOOPS.
4. DETECTOR LOOPS SHALL BE INSTALLED IN THE BINDER OR MILLED SURFACE PRIOR TO RESURFACING.
5. SAW CUT EXISTING LOOPS TO BE ABANDONED.



TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

- 8" TRAFFIC SIGNAL SECTION
- 12" TRAFFIC SIGNAL SECTION
- PROPOSED CABLE NUMBER
• = NUMBER OF CONDUCTORS
- EX. CONTROLLER CABINET
- VEHICLE DETECTOR, INDUCTION LOOP
- SERVICE INSTALLATION, EXISTING
- DUAL-INDICATION SIGNAL SECTION
- SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.

PHASE DESIGNATION DIAGRAM
NOT TO SCALE



- LEGEND**
- VEHICULAR MOVEMENT
 - NUMBER REFERS TO ASSOCIATED PHASE

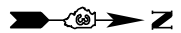
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 50 AND KEN HAYES DR NORTH
CABLE PLAN

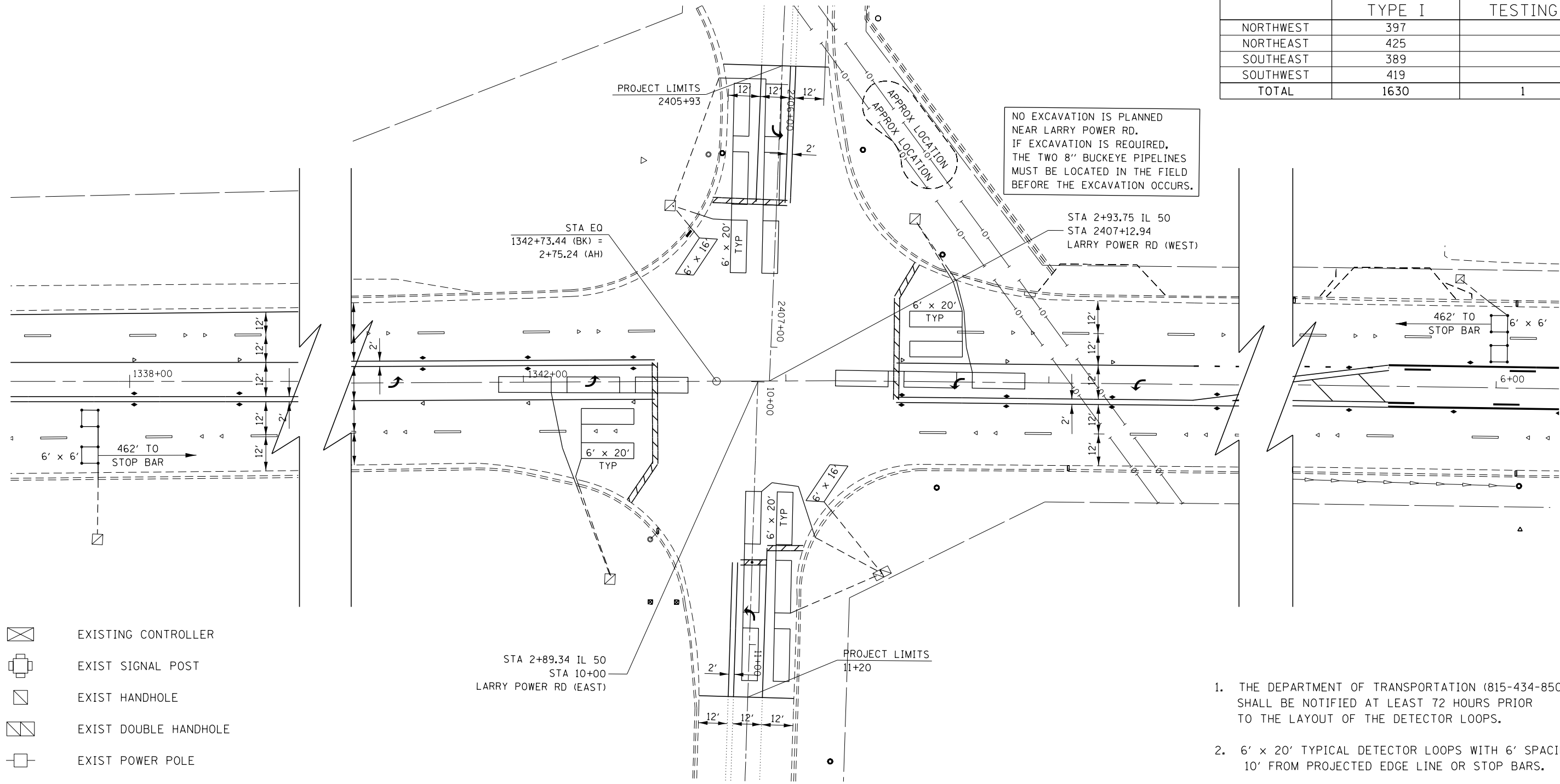
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	23
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



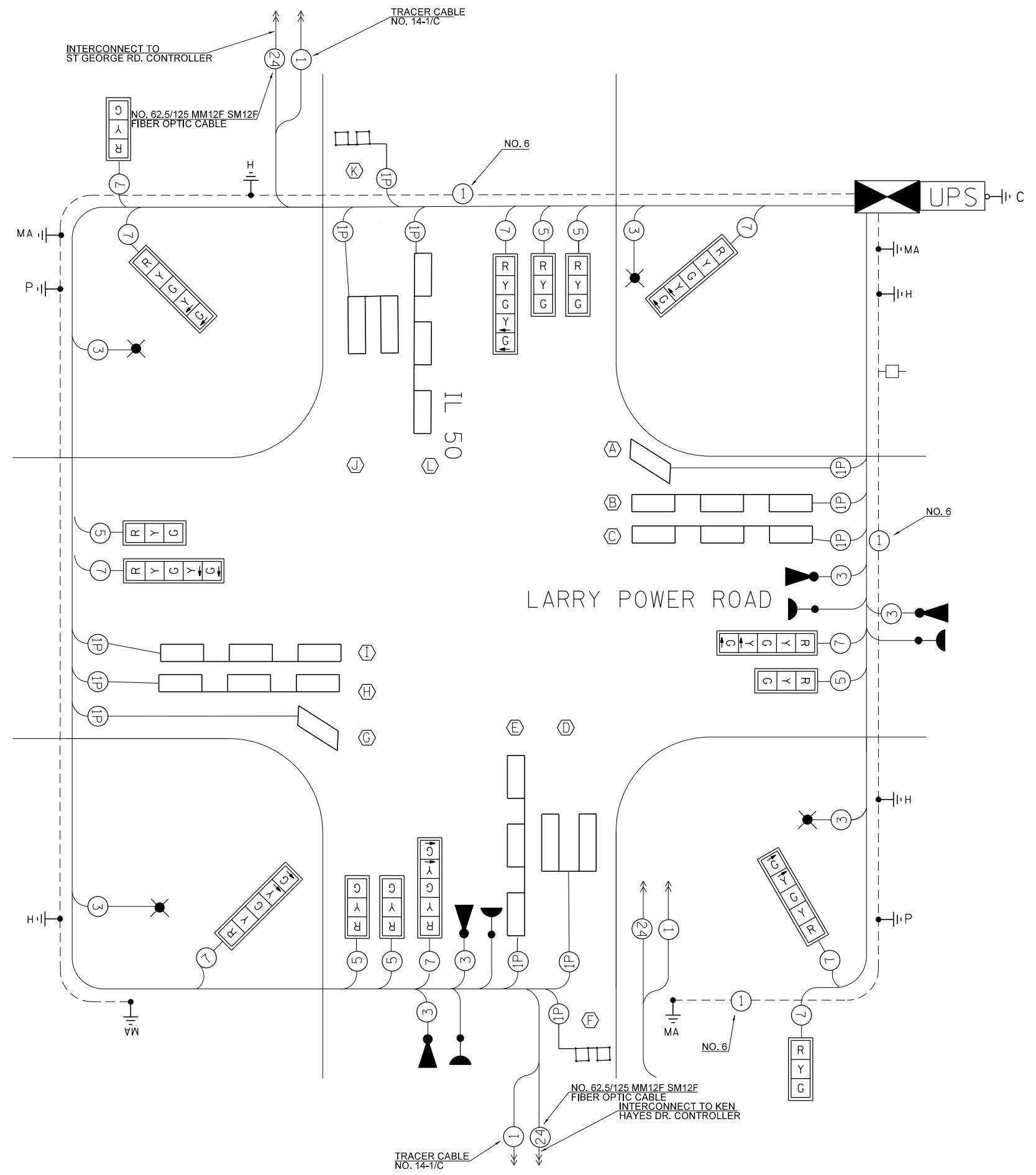
DETECTOR LOOP REPLACEMENT IL 50 / LARRY POWER ROAD		
	DETECTOR LOOP TYPE I	DETECTOR LOOP TESTING
NORTHWEST	397	
NORTHEAST	425	
SOUTHEAST	389	
SOUTHWEST	419	
TOTAL	1630	1

NO EXCAVATION IS PLANNED NEAR LARRY POWER RD. IF EXCAVATION IS REQUIRED, THE TWO 8" BUCKEYE PIPELINES MUST BE LOCATED IN THE FIELD BEFORE THE EXCAVATION OCCURS.



- EXISTING CONTROLLER
- EXIST SIGNAL POST
- EXIST HANDHOLE
- EXIST DOUBLE HANDHOLE
- EXIST POWER POLE
- PROP UNDERGROUND CABLE
- PROP UNDERGROUND CONDUIT
- EXIST DETECTOR LOOP
- PROP DETECTOR LOOP

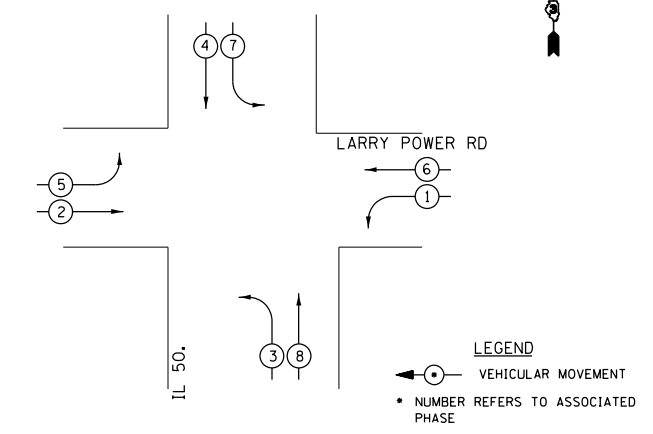
1. THE DEPARTMENT OF TRANSPORTATION (815-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS.
2. 6' x 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING 10' FROM PROJECTED EDGE LINE OR STOP BARS.
3. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS. EXCEPT 6 TURNS FOR ADVANCE 6' x 6' DETECTOR LOOPS.
4. DETECTOR LOOPS SHALL BE INSTALLED IN THE BINDER OR MILLED SURFACE PRIOR TO RESURFACING.
5. SAW CUT EXISTING LOOPS TO BE ABANDONED.



TRAFFIC SIGNALS LEGEND

- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- SIGNAL FACE WITH BACK PLATE
"P" INDICATES PROGRAMMED HEAD.
- CONTROLLER CABINET
- GROUND ROD AT HANDHOLE (H),
DOUBLE HANDHOLE (H), OR CONTROLLER (C)
- GROUND ROD AT POST (P) OR
MAST ARM POLE (MA)
- UN-INTERRUPTIBLE POWER SUPPLY (UPS)
- SERVICE INSTALLATION
- VEHICLE DETECTOR, INDUCTION LOOP
- FIBER OPTIC CABLE IN CONDUIT,
NO. 62.5/125 MM12F & SM12F
- GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER GREEN
- LUMINAIRE
- LUMINAIRE

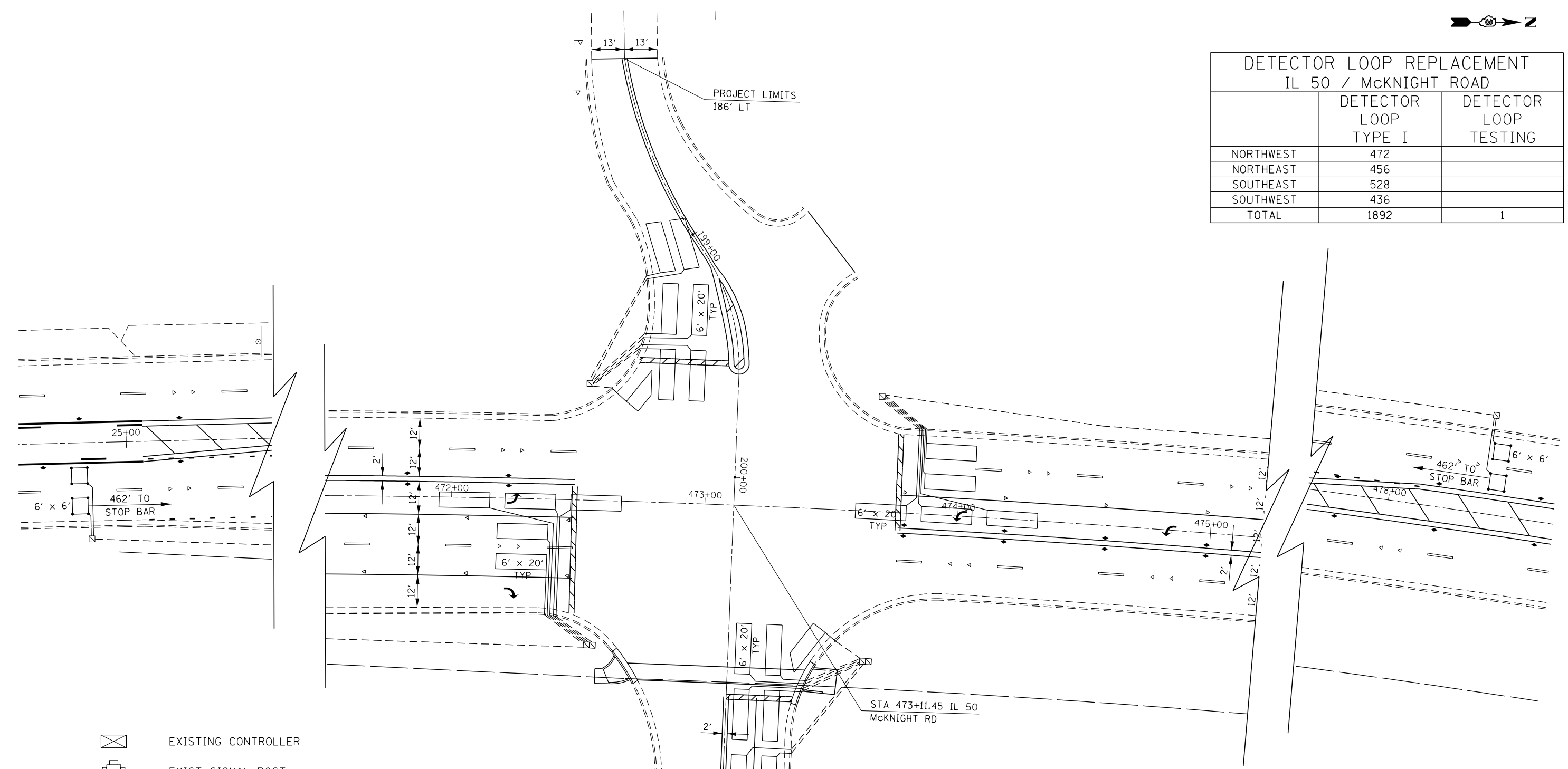
PHASE DESIGNATION DIAGRAM
NOT TO SCALE



FILE NAME =	USER NAME = corcoranim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 50 AND LARRY POWER ROAD CABLE PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 3\Projects\0366060\B366065-shd-details.dgn		CHECKED -	REVISED -		840	140 RS-8	KANKAKEE	44	25			
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66D65				
PLOT DATE = 1/29/2018					ILLINOIS FED. AID PROJECT							



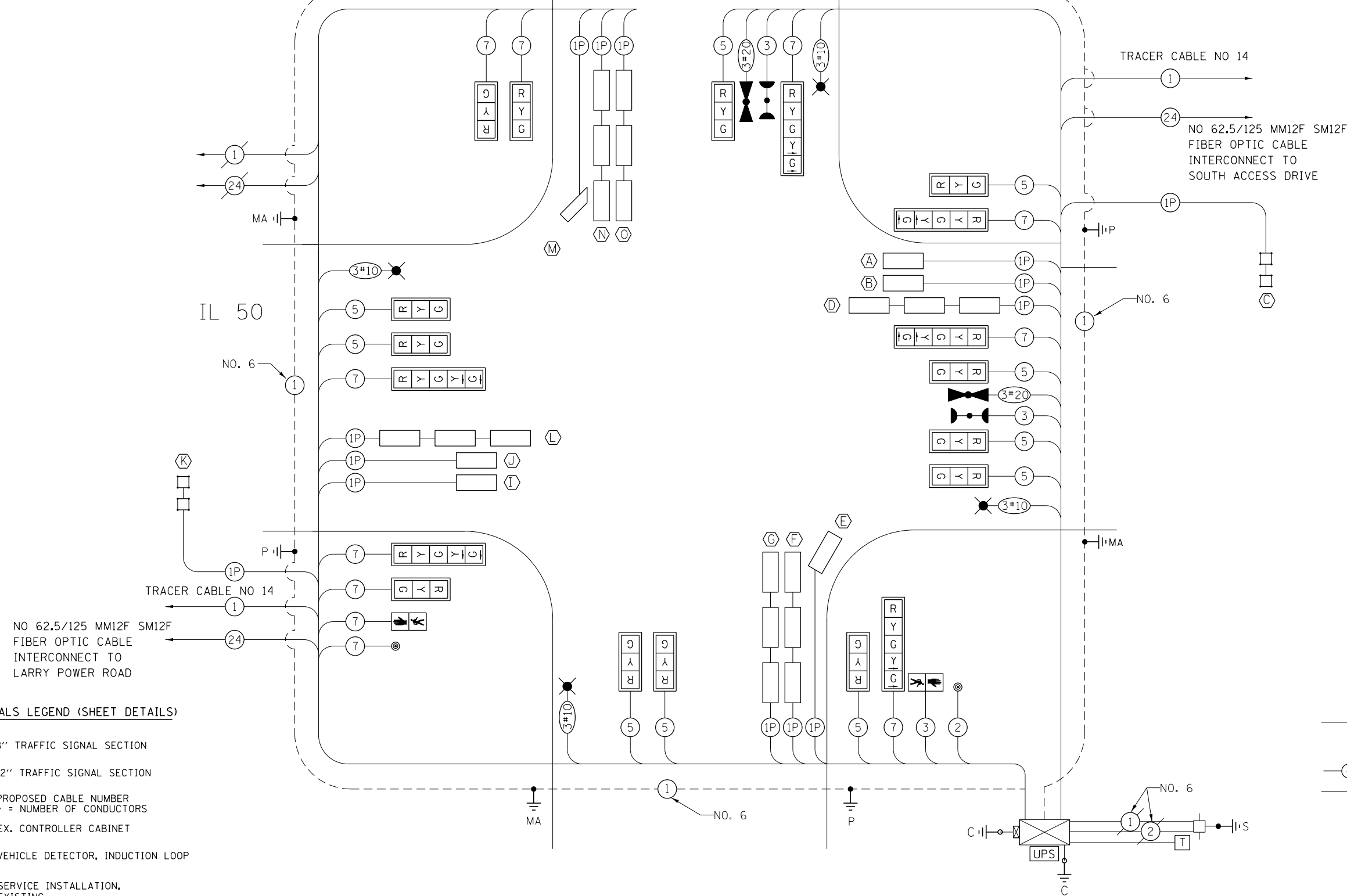
DETECTOR LOOP REPLACEMENT IL 50 / McKNIGHT ROAD		
	DETECTOR LOOP TYPE I	DETECTOR LOOP TESTING
NORTHWEST	472	
NORTHEAST	456	
SOUTHEAST	528	
SOUTHWEST	436	
TOTAL	1892	1



- EXISTING CONTROLLER
- EXIST SIGNAL POST
- EXIST HANDHOLE
- EXIST DOUBLE HANDHOLE
- EXIST POWER POLE
- PROP UNDERGROUND CABLE
- PROP UNDERGROUND CONDUIT
- EXIST DETECTOR LOOP
- PROP DETECTOR LOOP

1. THE DEPARTMENT OF TRANSPORTATION (815-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS.
2. 6' x 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING 10' FROM PROJECTED EDGE LINE OR STOP BARS.
3. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS. EXCEPT 6 TURNS FOR ADVANCE 6' x 6' DETECTOR LOOPS.
4. DETECTOR LOOPS SHALL BE INSTALLED IN THE BINDER OR MILLED SURFACE PRIOR TO RESURFACING.
5. SAW CUT EXISTING LOOPS TO BE ABANDONED.

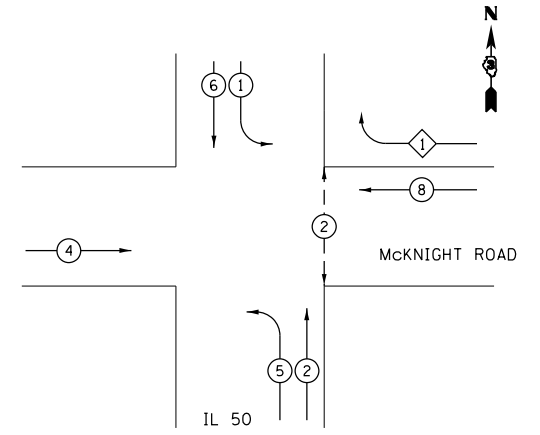
McKNIGHT ROAD



TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

- 8" TRAFFIC SIGNAL SECTION
- 12" TRAFFIC SIGNAL SECTION
- PROPOSED CABLE NUMBER
• = NUMBER OF CONDUCTORS
- EX. CONTROLLER CABINET
- VEHICLE DETECTOR, INDUCTION LOOP
- SERVICE INSTALLATION, EXISTING
- DUAL-INDICATION SIGNAL SECTION
- SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.

PHASE DESIGNATION DIAGRAM
NOT TO SCALE



LEGEND

- VEHICULAR MOVEMENT
- NUMBER REFERS TO ASSOCIATED PHASE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 50 AND McKNIGHT ROAD
CABLE PLAN

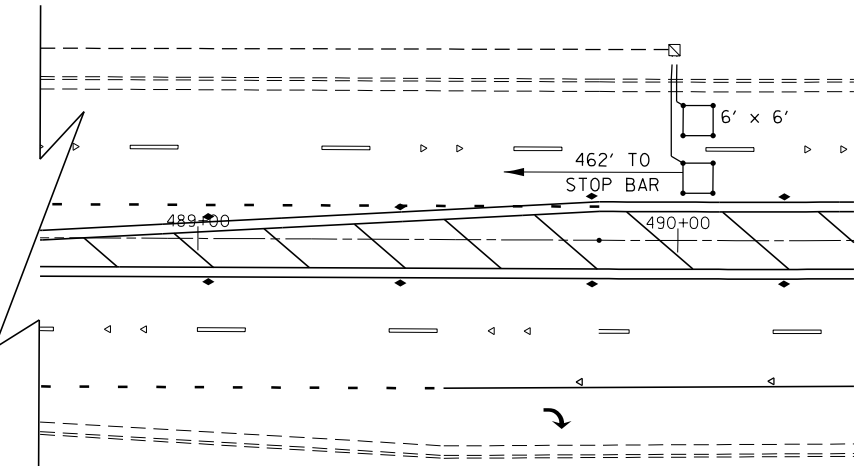
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	27
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				

DETECTOR LOOP REPLACEMENT IL 50 / SOUTH ACCESS DRIVE		
	DETECTOR LOOP TYPE I	DETECTOR LOOP TESTING
NORTHWEST	476	
NORTHEAST	469	
SOUTHEAST	545	
SOUTHWEST	479	
TOTAL	1969	1

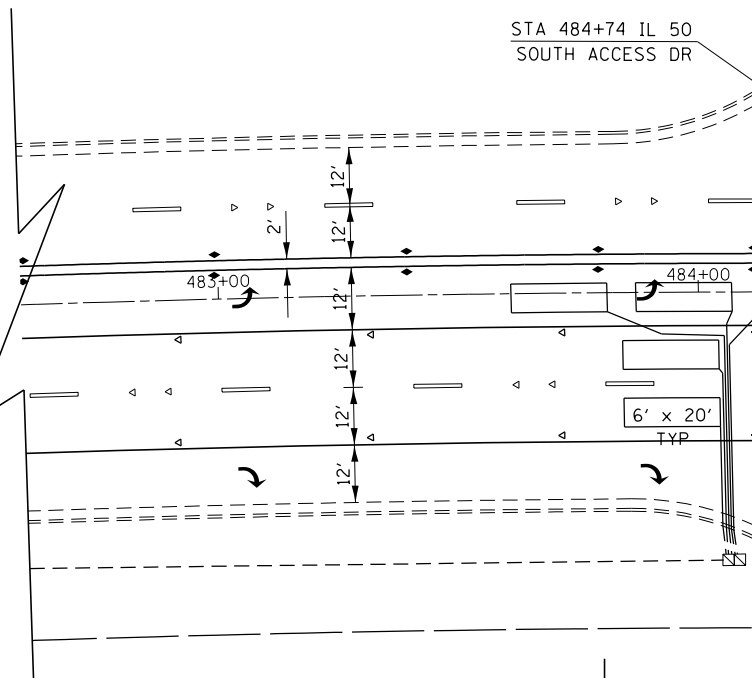


MATCH LINE B

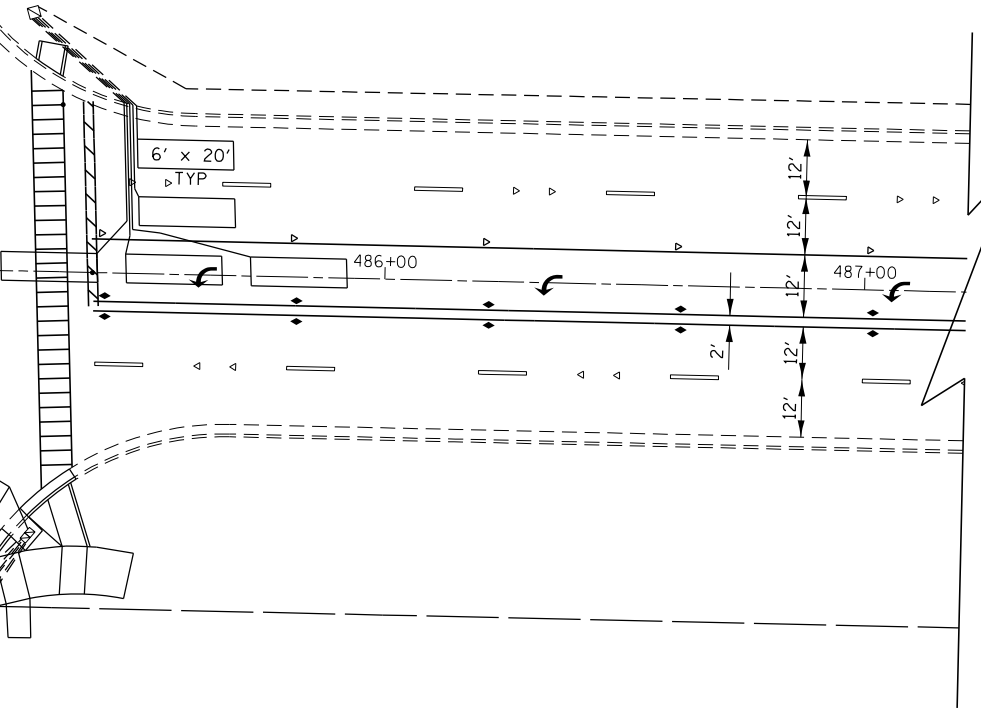


STA 484+74 IL 50
SOUTH ACCESS DR

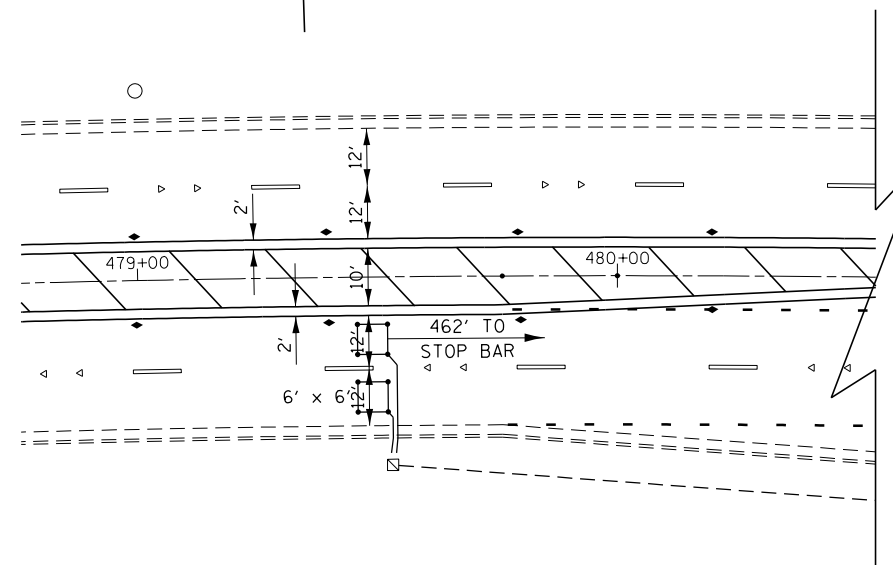
MATCH LINE A



MATCH LINE B



MATCH LINE A



PROJECT LIMITS
125' RT

- EXISTING CONTROLLER
- EXIST SIGNAL POST
- EXIST HANDHOLE
- EXIST DOUBLE HANDHOLE
- EXIST POWER POLE
- PROP UNDERGROUND CABLE
- PROP UNDERGROUND CONDUIT
- EXIST DETECTOR LOOP
- PROP DETECTOR LOOP

1. THE DEPARTMENT OF TRANSPORTATION (815-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS.
2. 6' x 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING 10' FROM PROJECTED EDGE LINE OR STOP BARS.
3. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS. EXCEPT 6 TURNS FOR ADVANCE 6' x 6' DETECTOR LOOPS.
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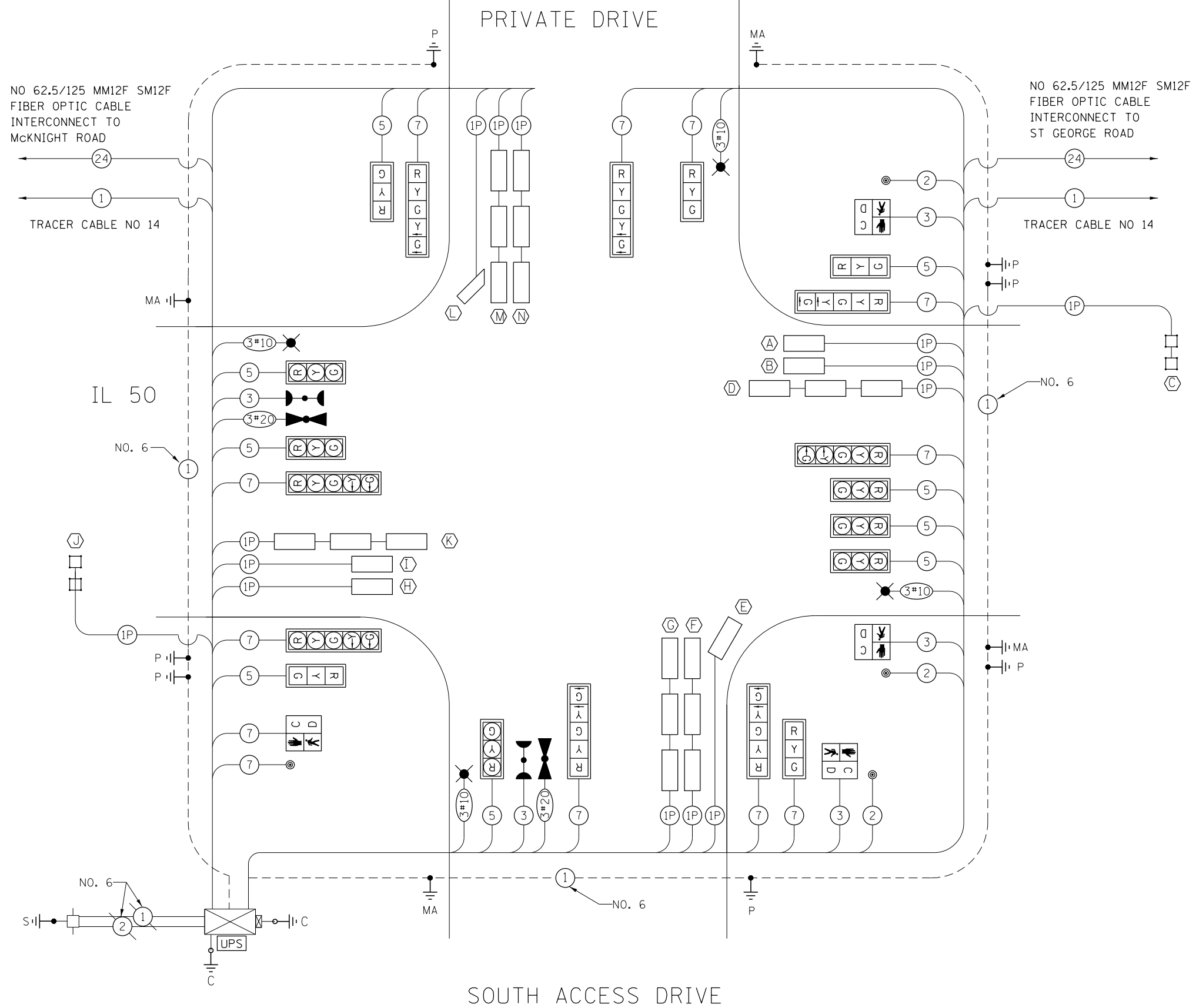
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 50 AND SOUTH ACCESS DRIVE
DETECTOR LOOPS**

SCALE: SHEET OF SHEETS STA. TO STA.

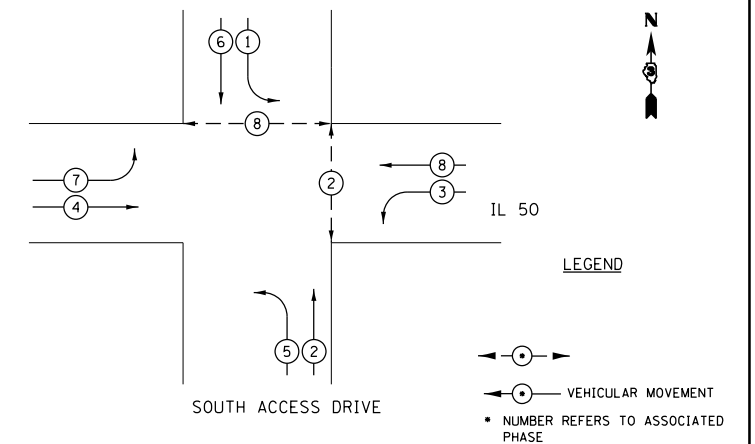
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	28
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

- 8" TRAFFIC SIGNAL SECTION
- 12" TRAFFIC SIGNAL SECTION
- PROPOSED CABLE NUMBER
• = NUMBER OF CONDUCTORS
- EX. CONTROLLER CABINET
- VEHICLE DETECTOR, INDUCTION LOOP
- SERVICE INSTALLATION, EXISTING
- DUAL-INDICATION SIGNAL SECTION
- SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.

PHASE DESIGNATION DIAGRAM
NOT TO SCALE



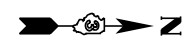
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

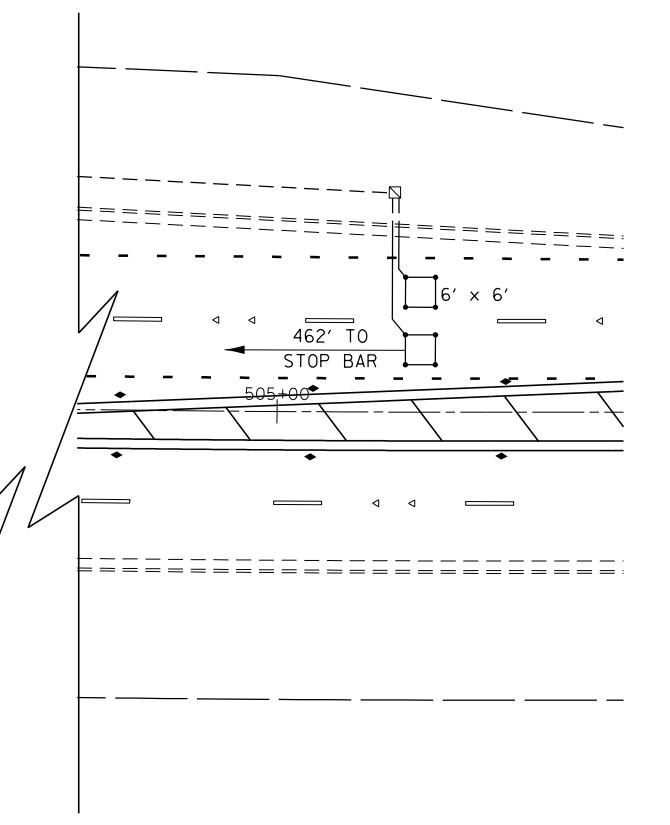
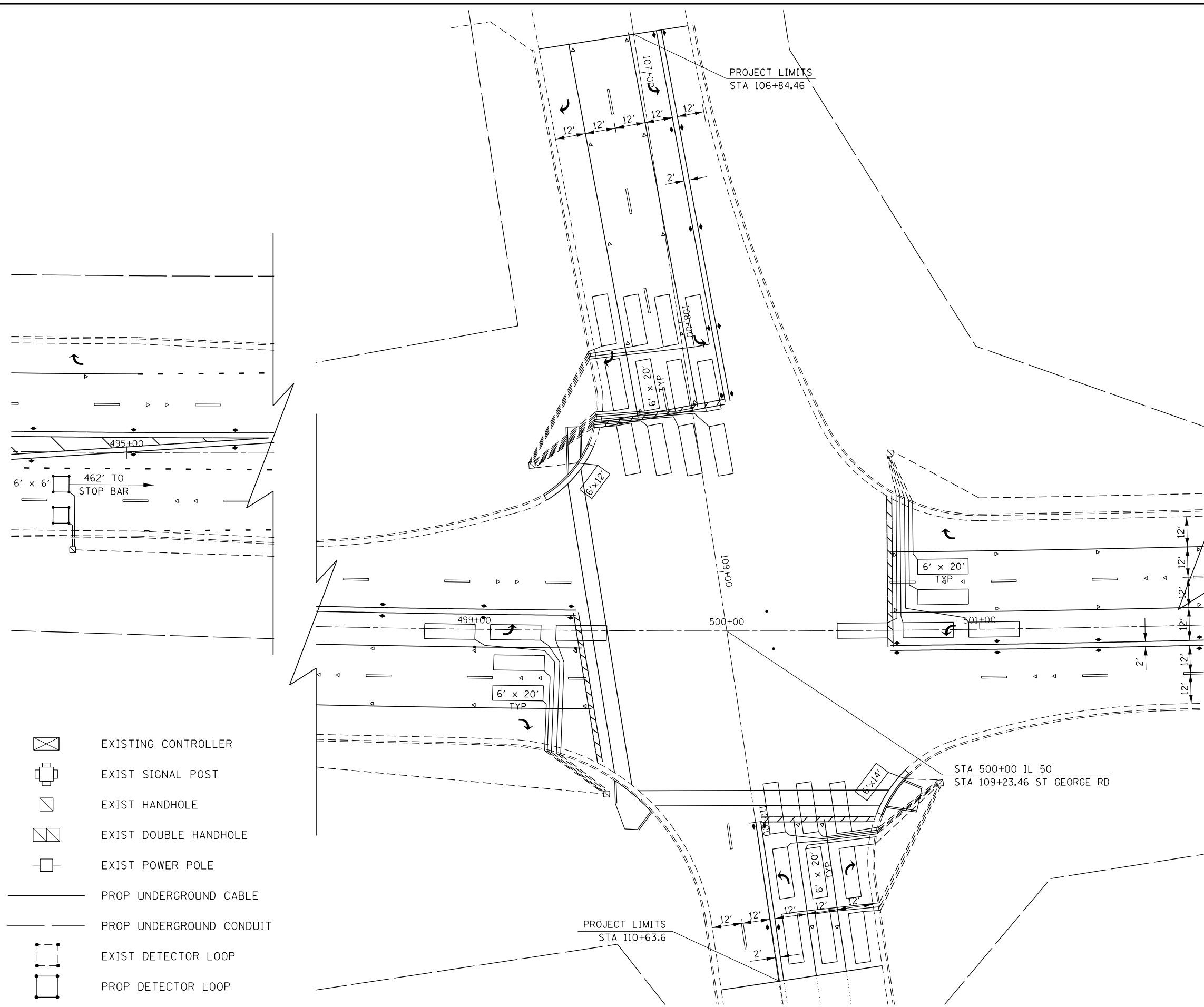
**IL 50 AND SOUTH ACCESS DRIVE
CABLE PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	29
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



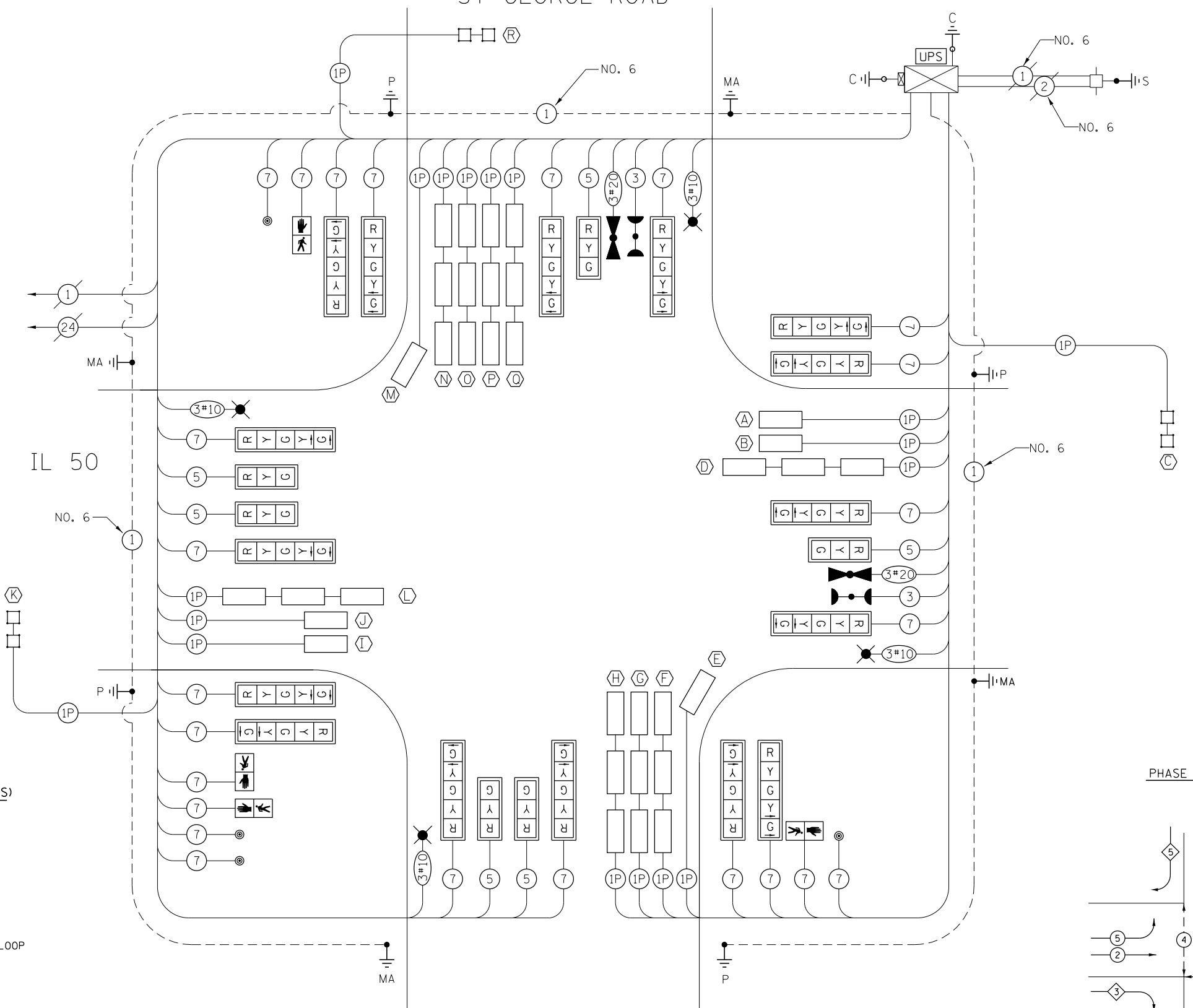
DETECTOR LOOP REPLACEMENT IL 50 / ST GEORGE ROAD		
	DETECTOR LOOP TYPE I	DETECTOR LOOP TESTING
NORTHWEST	579	
NORTHEAST	713	
SOUTHEAST	550	
SOUTHWEST	980	
TOTAL	2822	1



- EXISTING CONTROLLER
- EXIST SIGNAL POST
- EXIST HANDHOLE
- EXIST DOUBLE HANDHOLE
- EXIST POWER POLE
- PROP UNDERGROUND CABLE
- PROP UNDERGROUND CONDUIT
- EXIST DETECTOR LOOP
- PROP DETECTOR LOOP

1. THE DEPARTMENT OF TRANSPORTATION (815-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS.
2. 6' x 20' TYPICAL DETECTOR LOOPS WITH 6' SPACING 10' FROM PROJECTED EDGE LINE OR STOP BARS.
3. 4 TURNS REQUIRED ON ALL DETECTOR LOOPS, EXCEPT 6 TURNS FOR ADVANCE 6' x 6' DETECTOR LOOPS.
4. DETECTOR LOOPS SHALL BE INSTALLED IN THE BINDER OR MILLED SURFACE PRIOR TO RESURFACING.
5. SAW CUT EXISTING LOOPS TO BE ABANDONED.

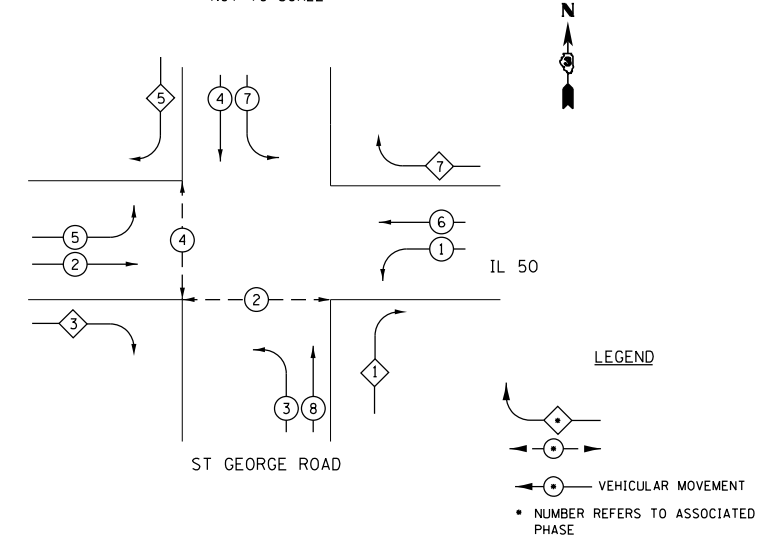
ST GEORGE ROAD



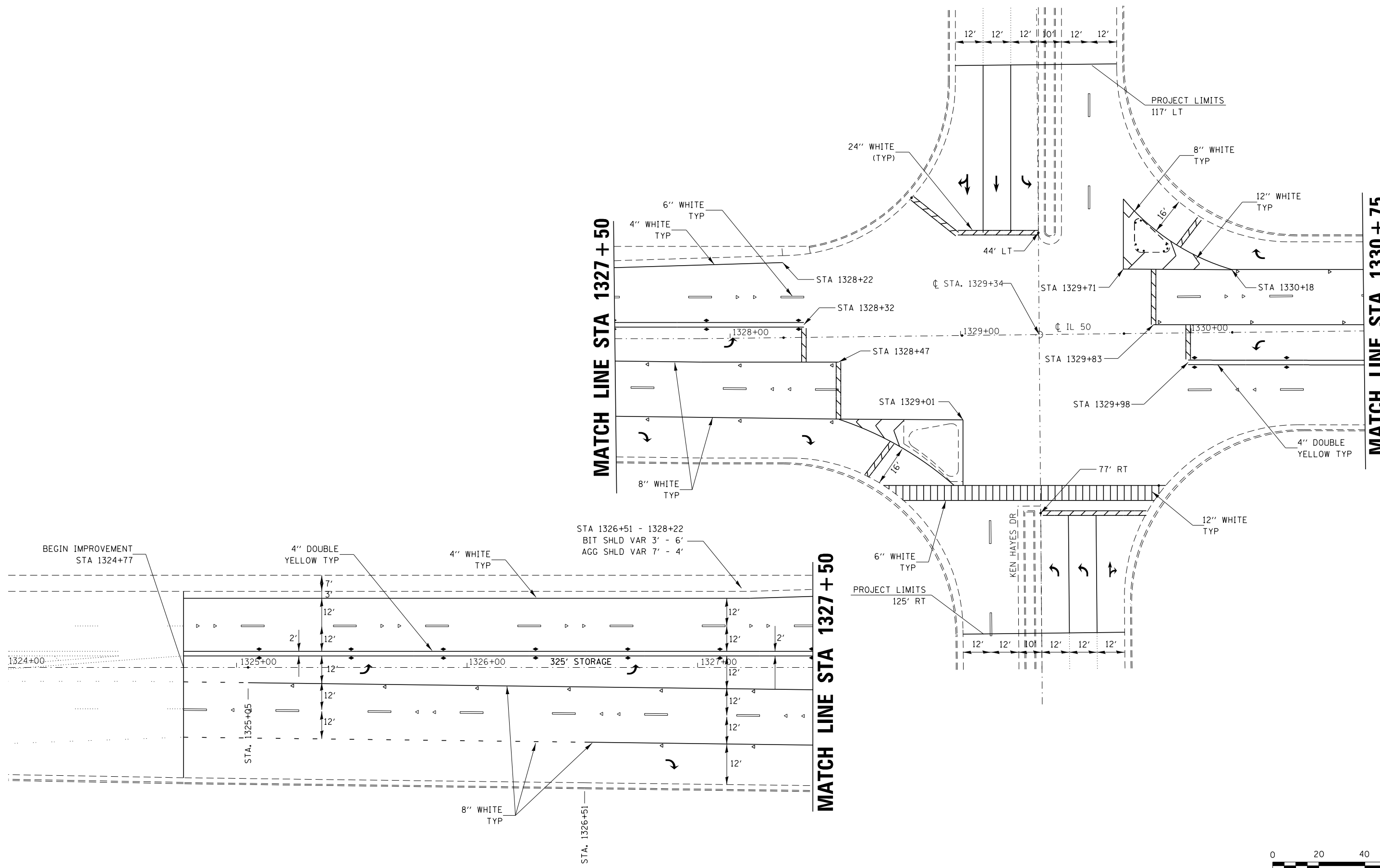
TRAFFIC SIGNALS LEGEND (SHEET DETAILS)

- 8" TRAFFIC SIGNAL SECTION
- 12" TRAFFIC SIGNAL SECTION
- PROPOSED CABLE NUMBER
• = NUMBER OF CONDUCTORS
- EX. CONTROLLER CABINET
- VEHICLE DETECTOR, INDUCTION LOOP
- SERVICE INSTALLATION, EXISTING
- DUAL-INDICATION SIGNAL SECTION
- SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.

PHASE DESIGNATION DIAGRAM
NOT TO SCALE



FILE NAME =	USER NAME = corcoranim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 50 AND ST GEORGE ROAD CABLE PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/29/2018				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

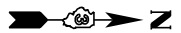


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	PLOT DATE = 1/29/2018	DATE -	REVISED -

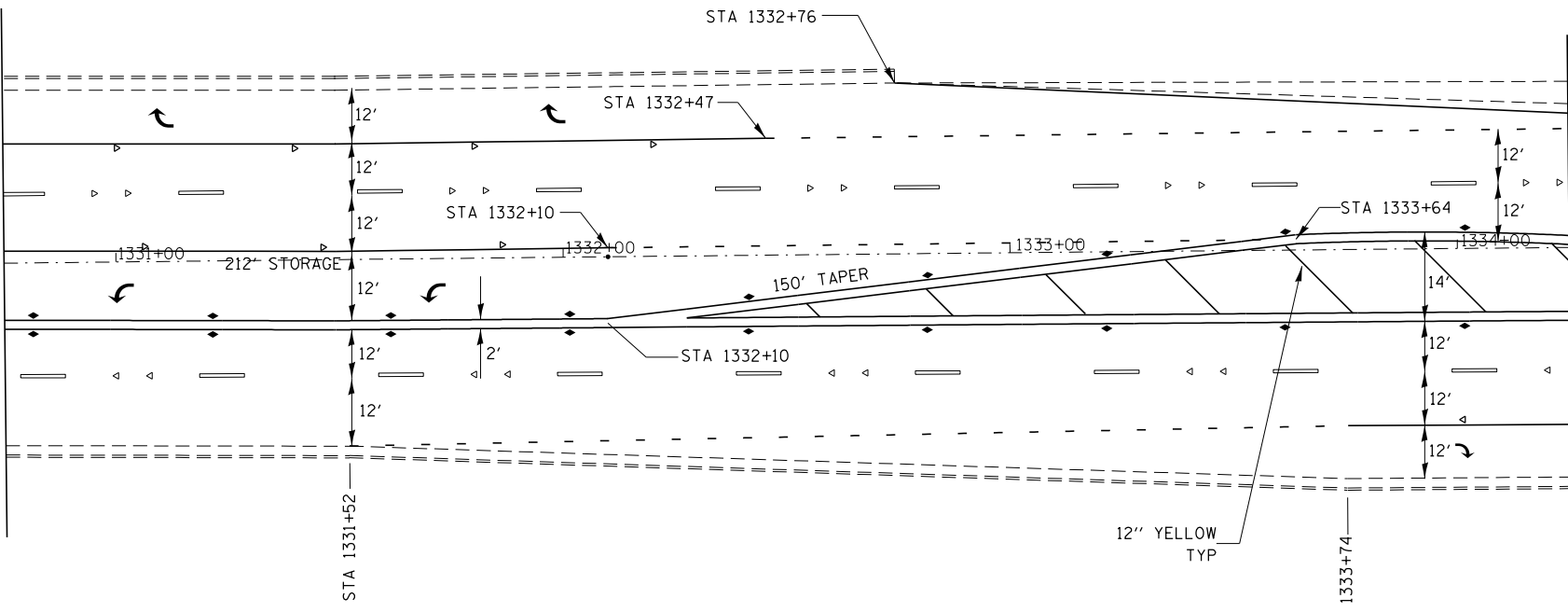
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
IL 50 & KEN HAYES DR SOUTH			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	32
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				

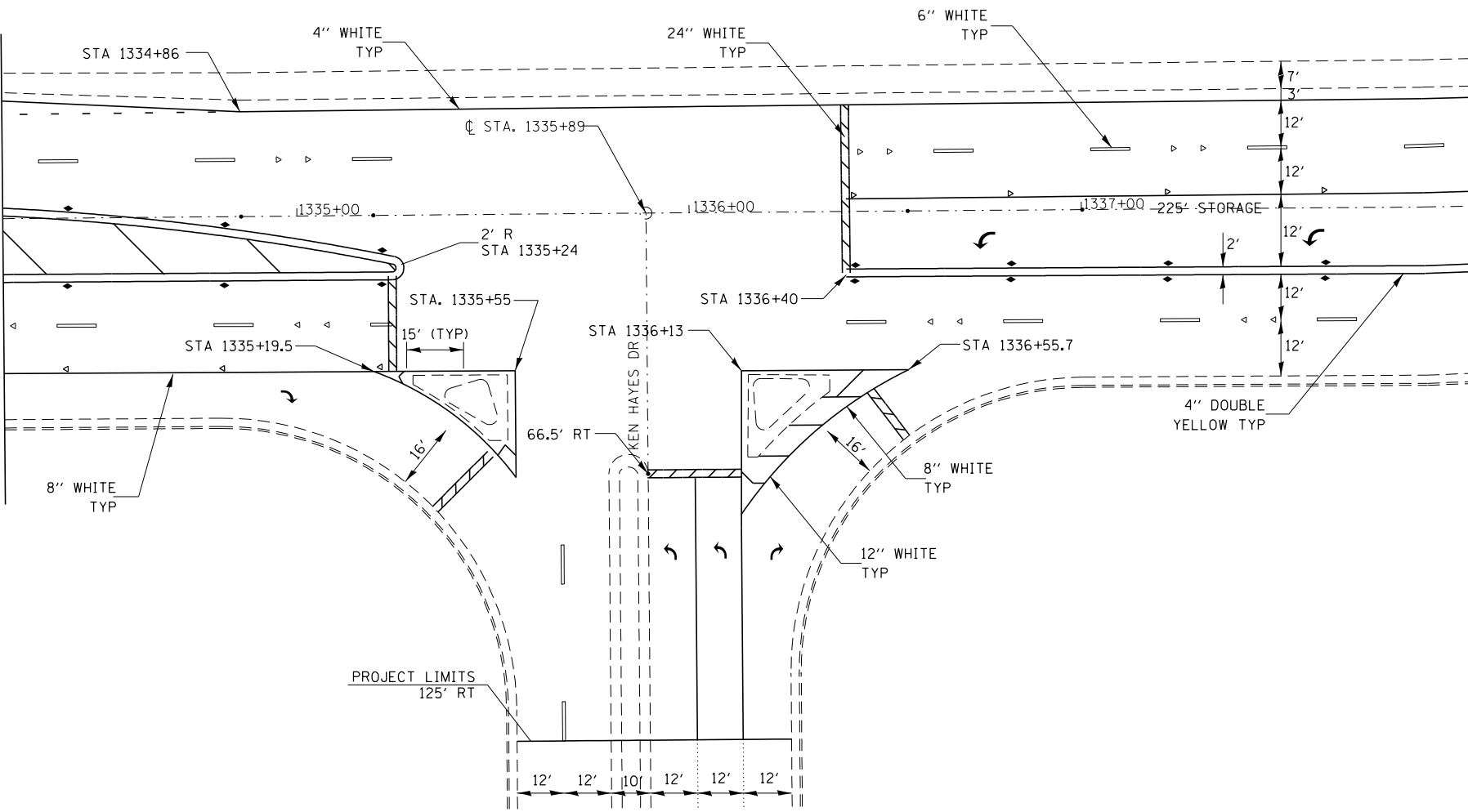


MATCH LINE STA 1330 + 75



MATCH LINE STA 1334 + 25

MATCH LINE STA 1334 - + 25



MATCH LINE STA 1338 + 00



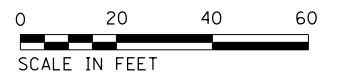
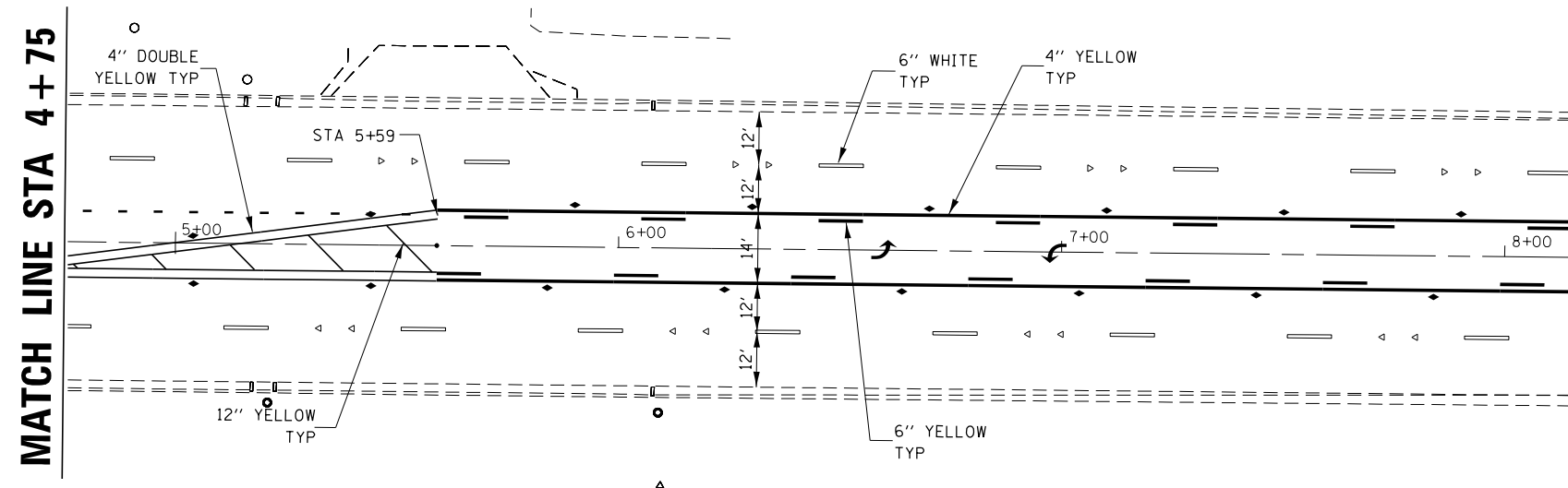
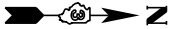
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
IL 50 & KEN HAYES DR NORTH**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	33
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



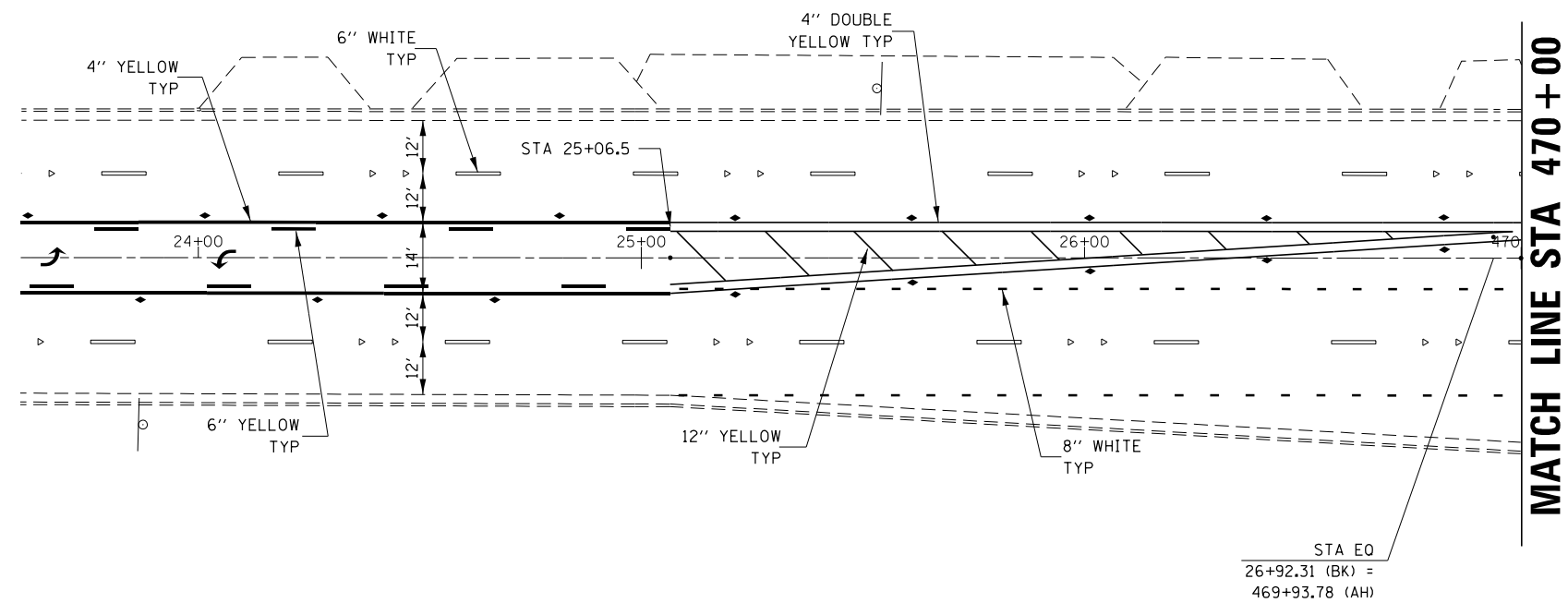
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
IL 50 & LARRY POWER ROAD**

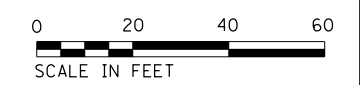
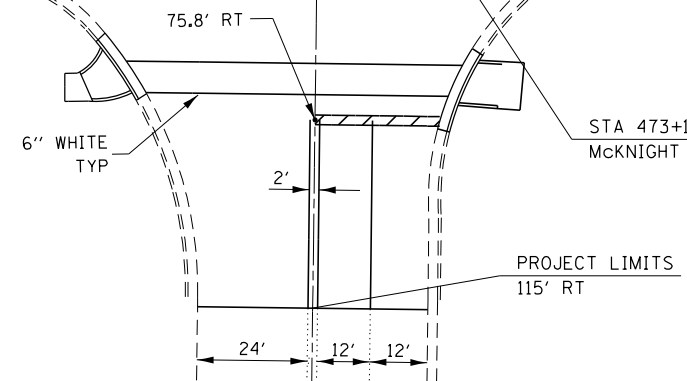
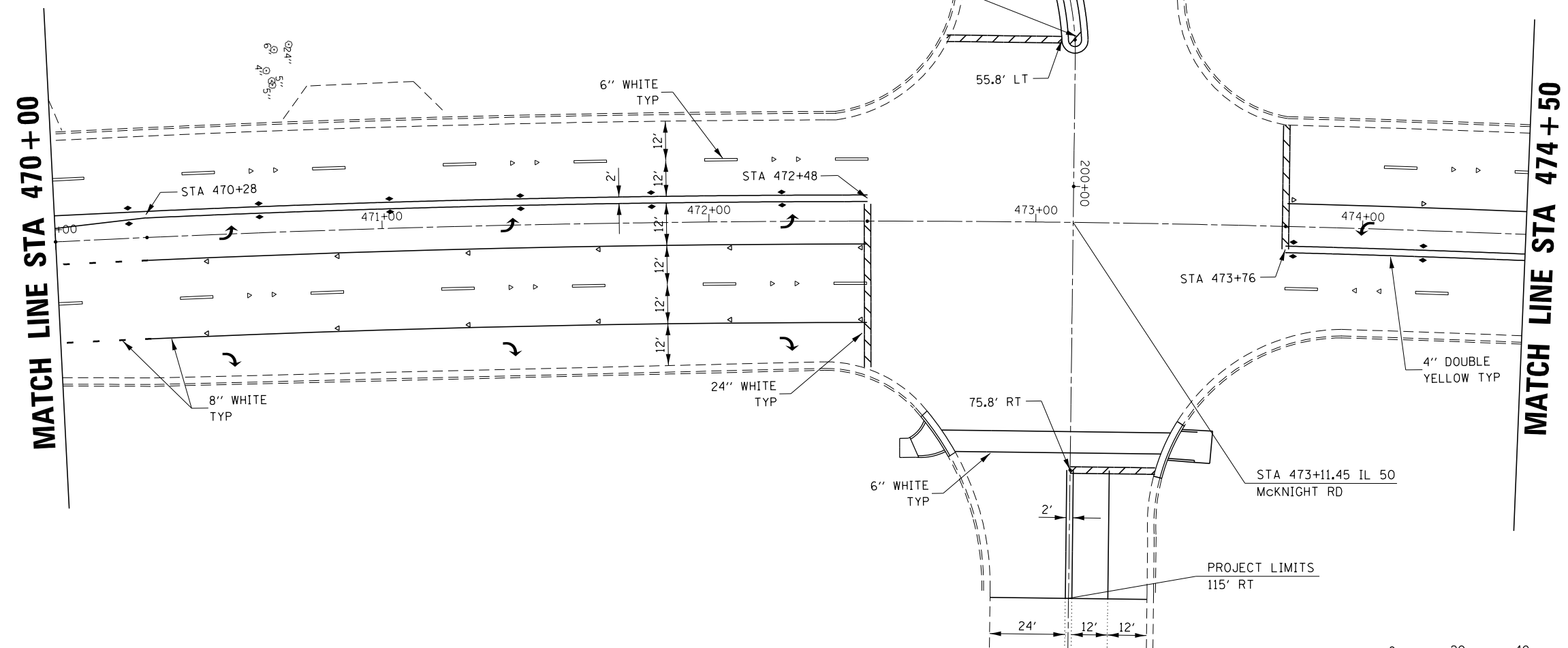
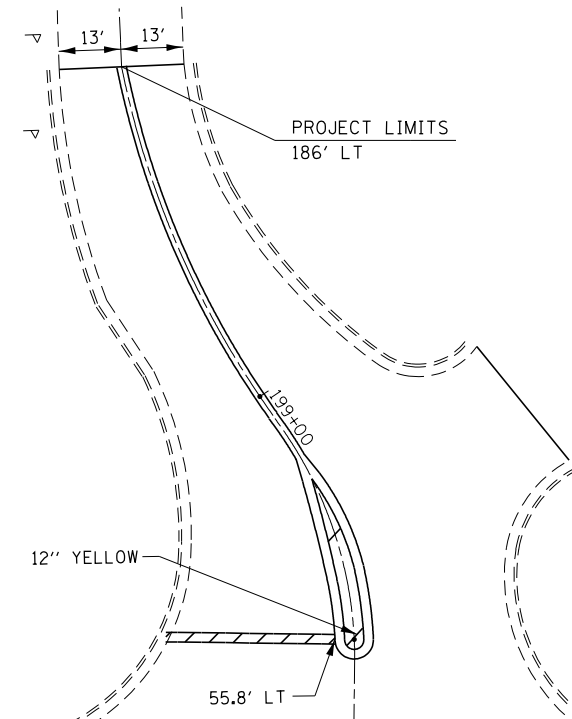
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	35
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



STA EQ
26+92.31 (BK) =
469+93.78 (AH)

MATCH LINE STA 470+00



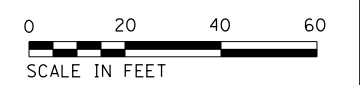
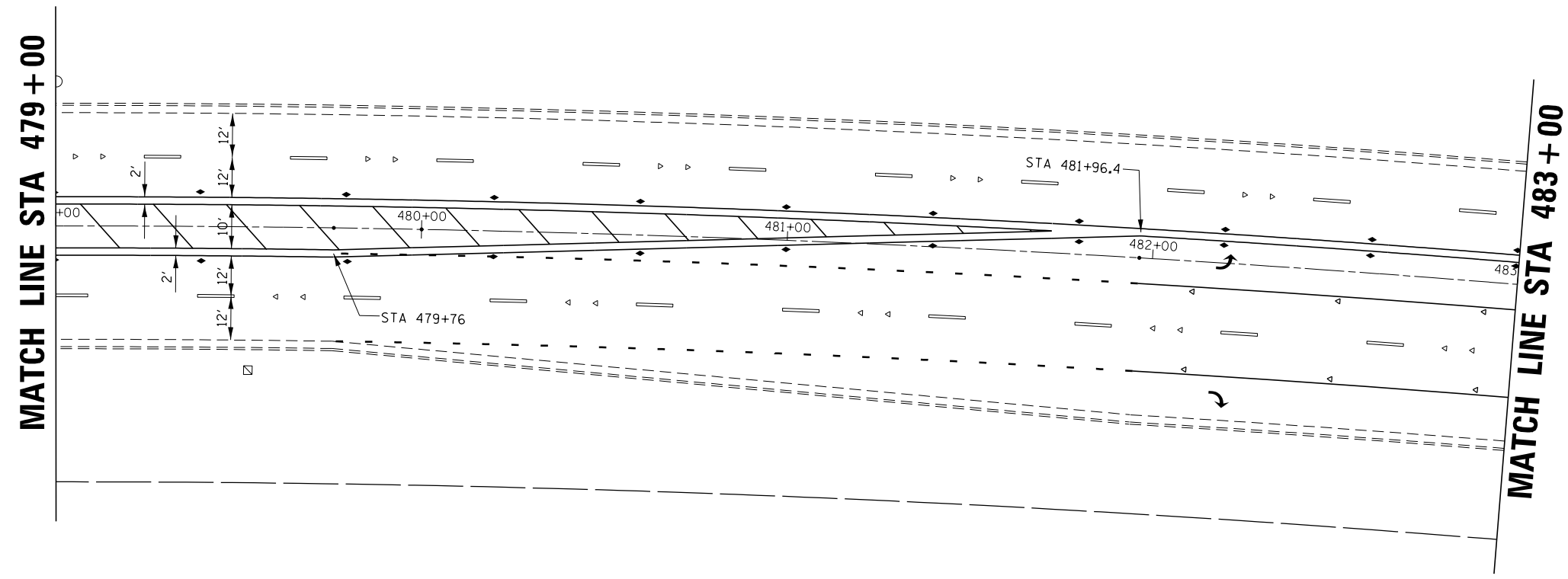
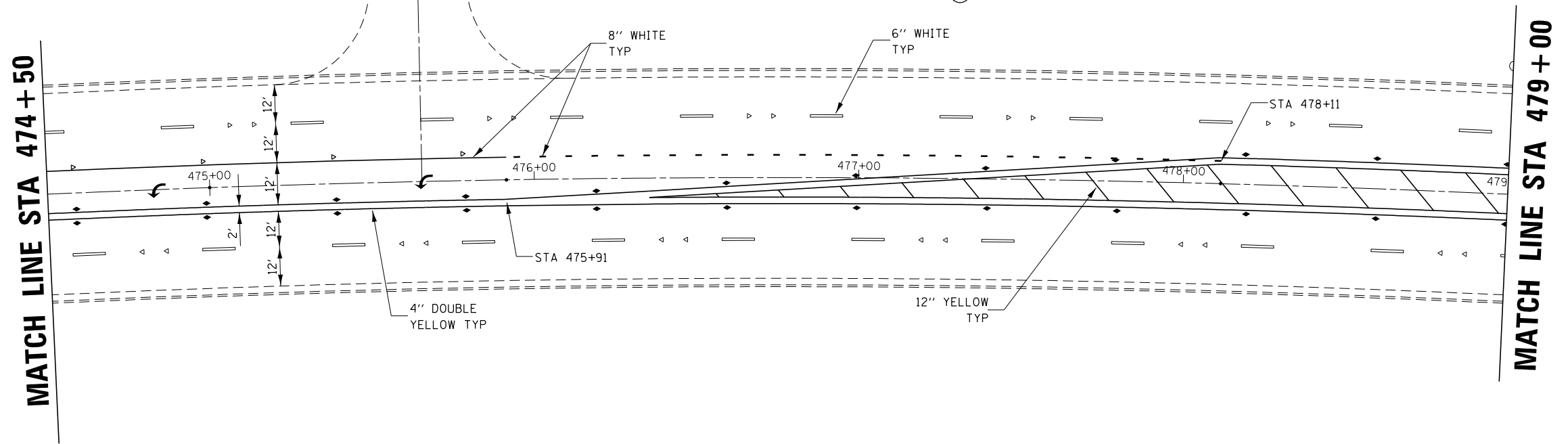
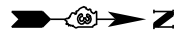
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
IL 50 & MCKNIGHT ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	36
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				

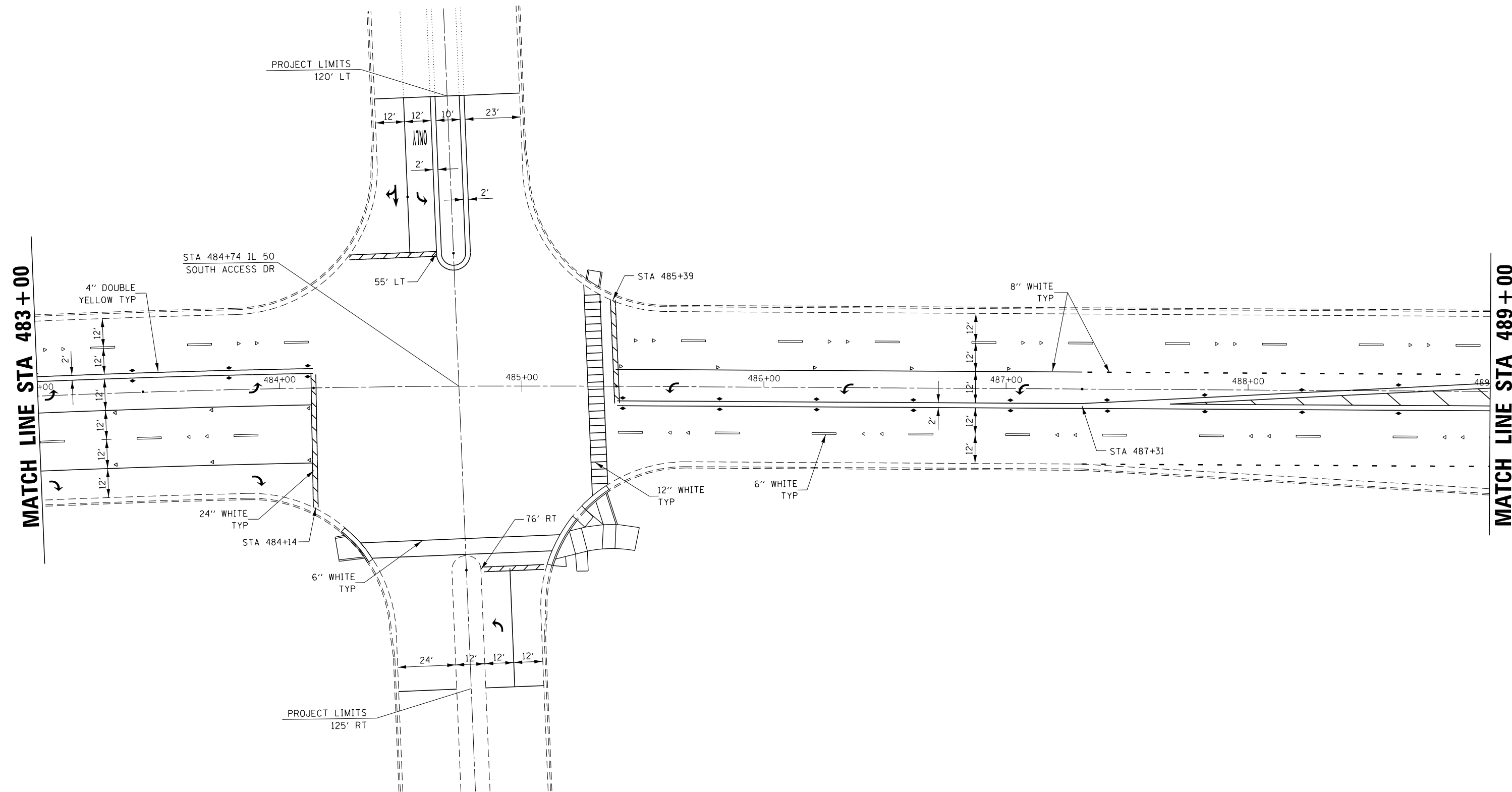


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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS IL 50 & McKNIGHT ROAD			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	37
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



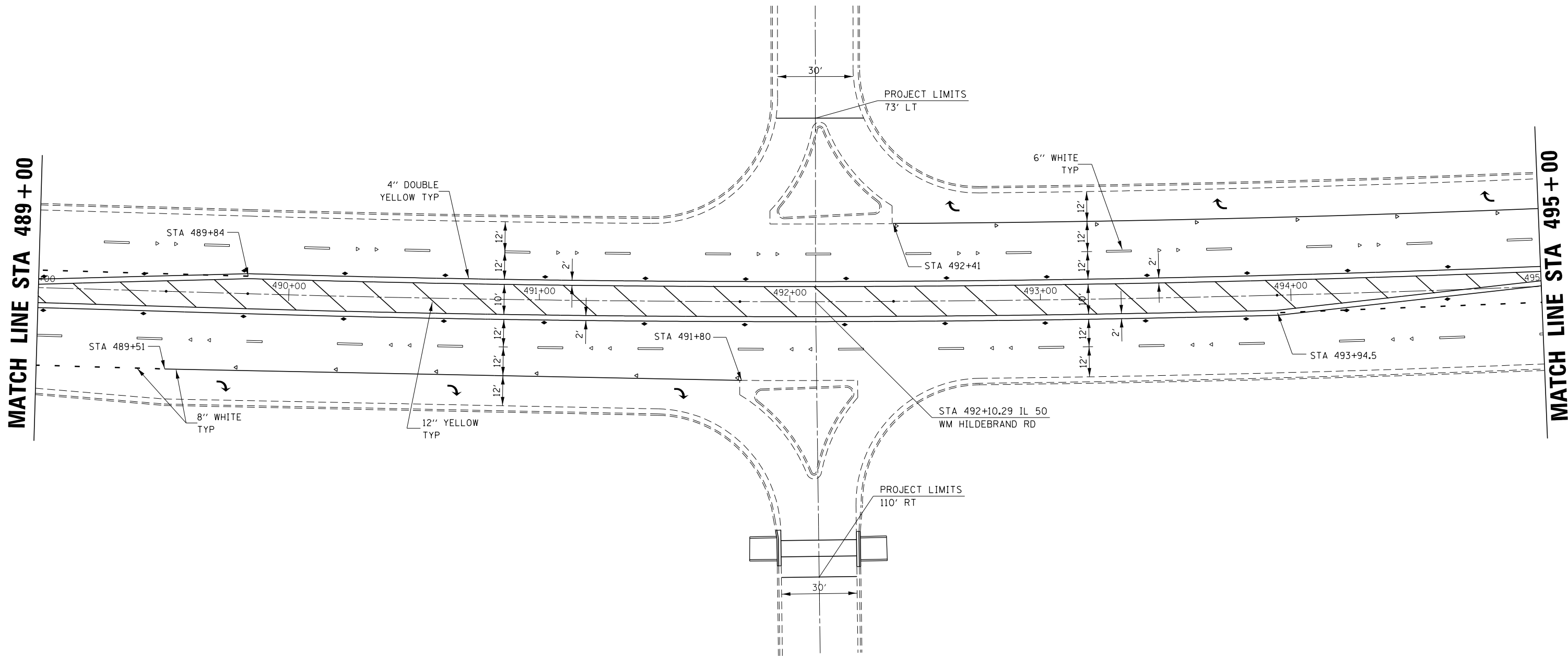
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
IL 50 & SOUTH ACCESS DR**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	38
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



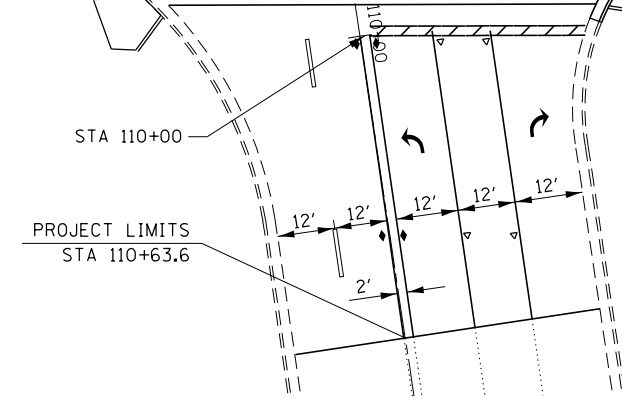
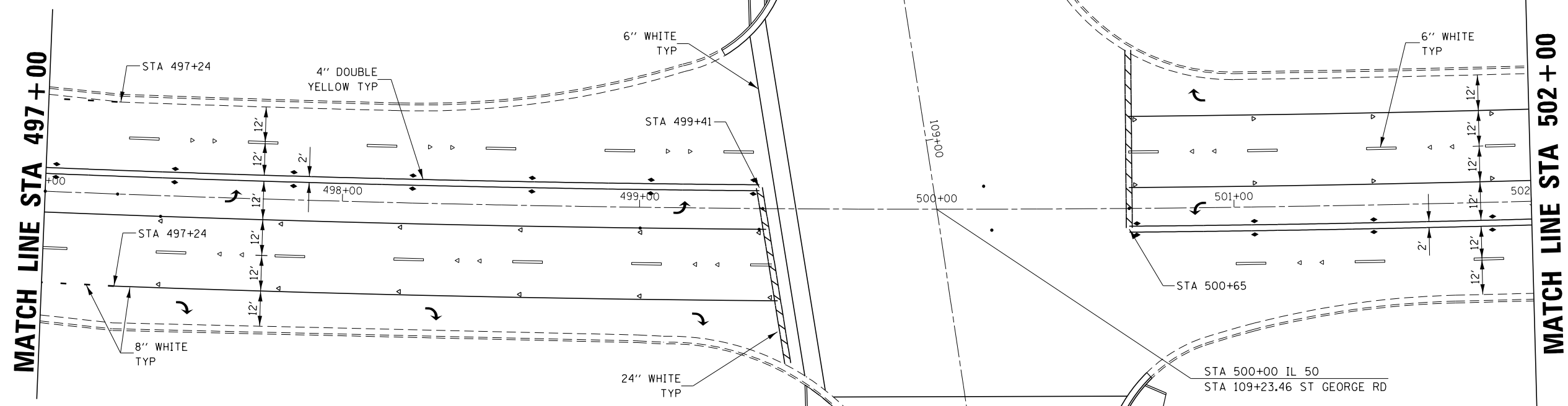
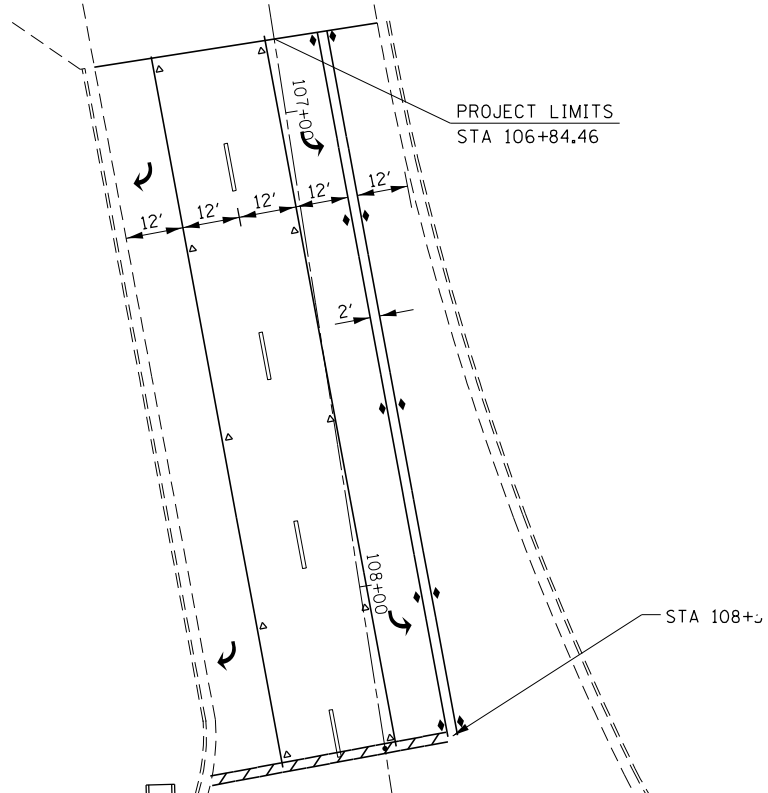
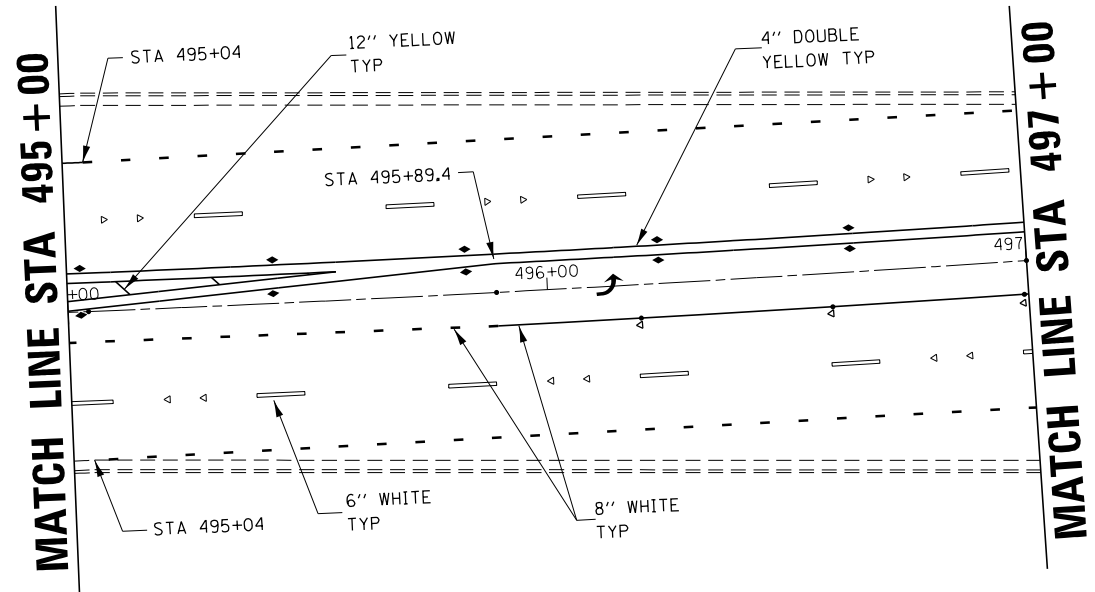
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Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 1/29/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
IL 50 & WM HILDEBRAND DR**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	39
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



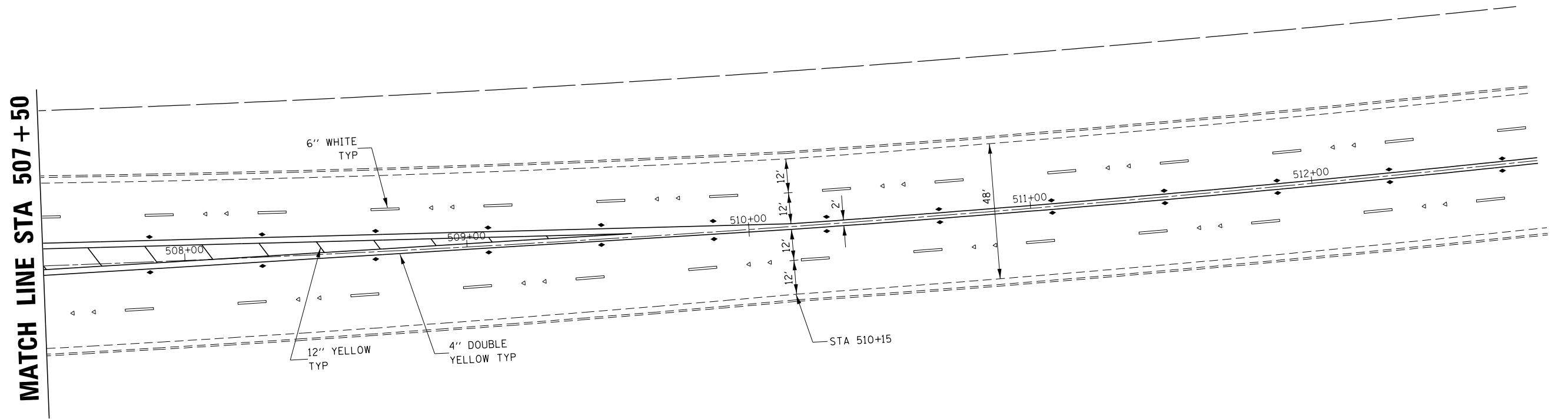
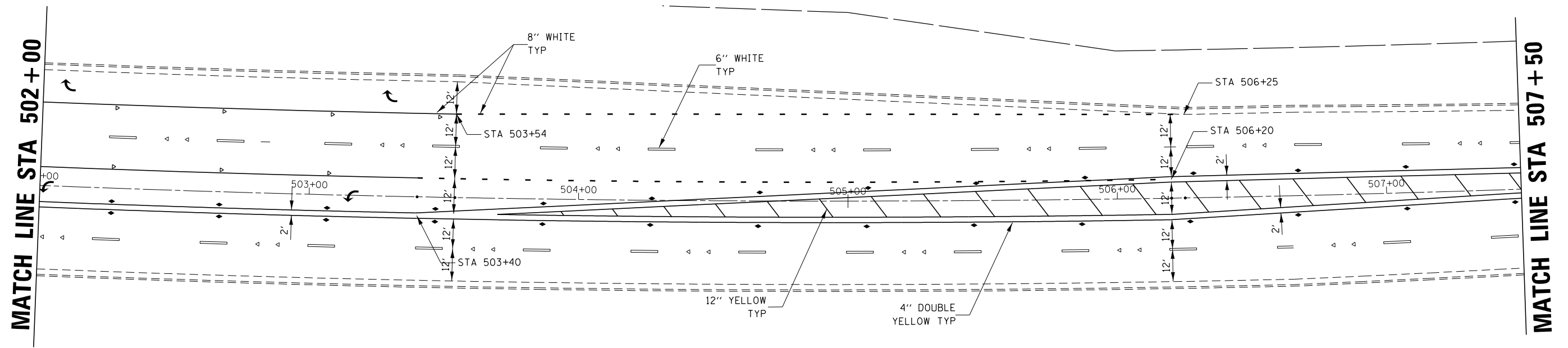
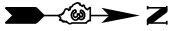
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
IL 50 & ST GEORGE RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	40
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



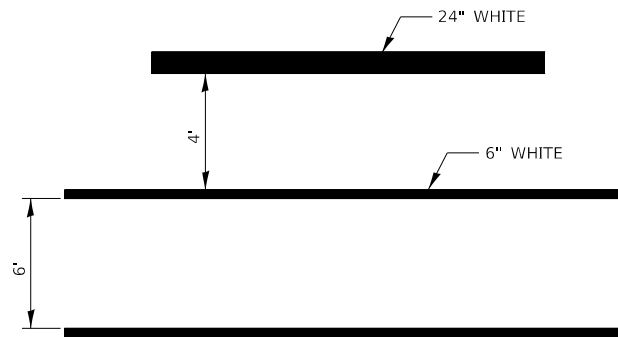
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

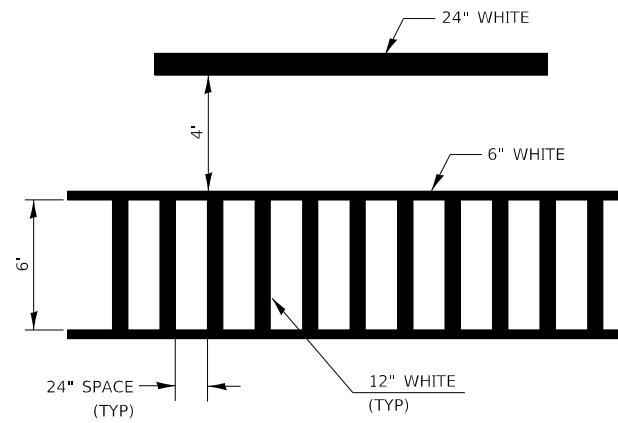
**PAVEMENT MARKING DETAILS
IL 50**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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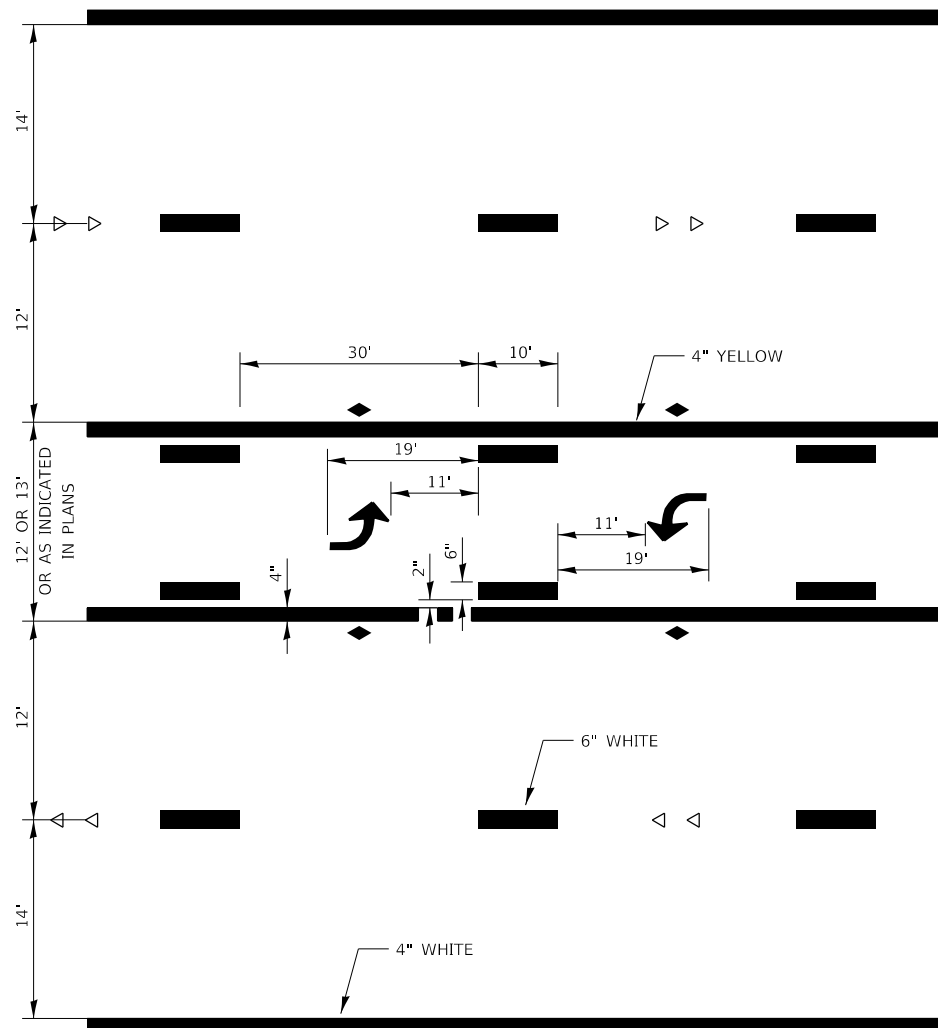
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840	140 RS-8	KANKAKEE	44	41
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



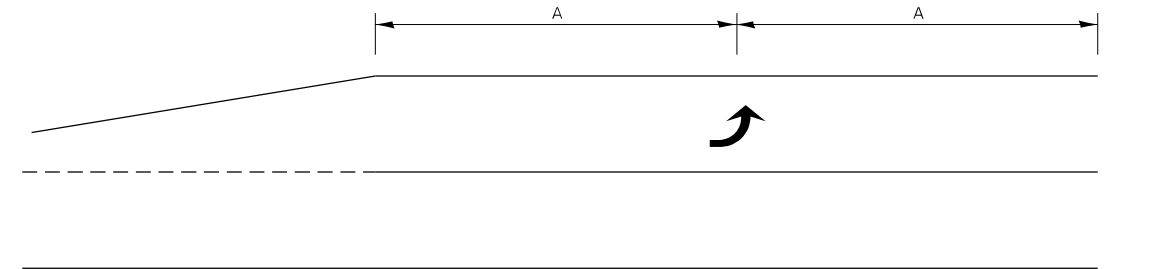
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



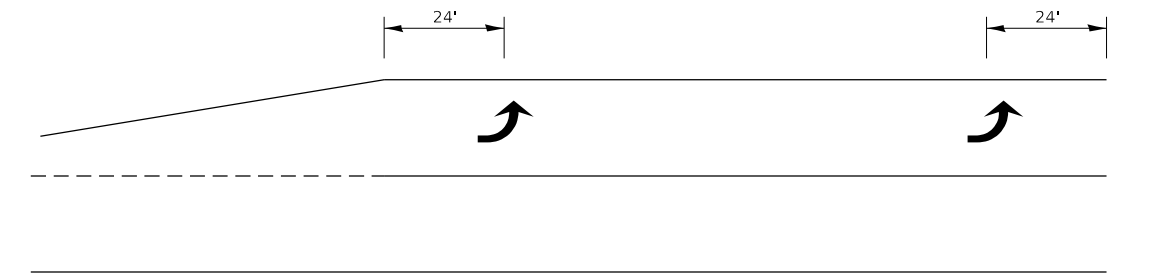
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



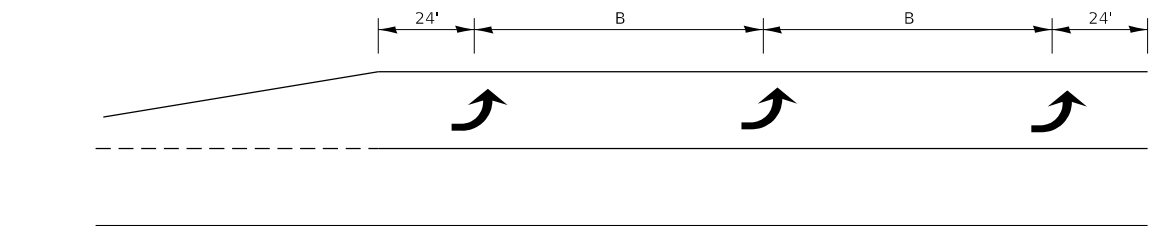
TYPICAL APPLICATION @ TWO WAY LEFT TURN LANE (TWLTL)



99' AND UNDER



100' TO 149'



150' AND LONGER

TYPICAL PLACEMENT OF ARROWS IN TURN LANES

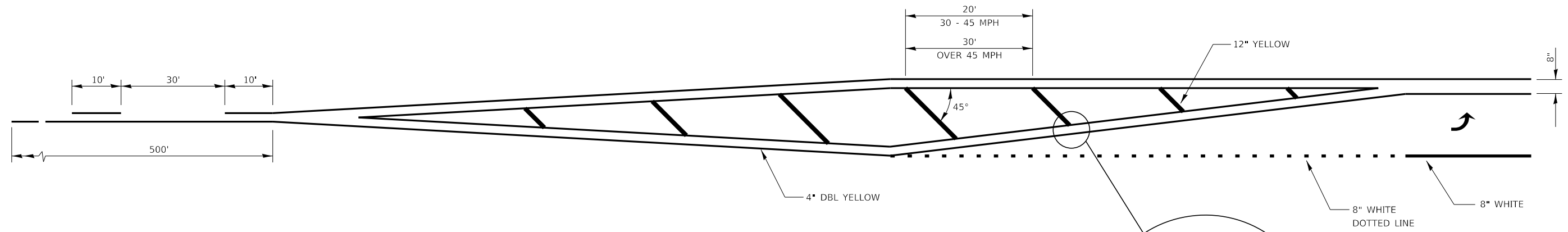
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

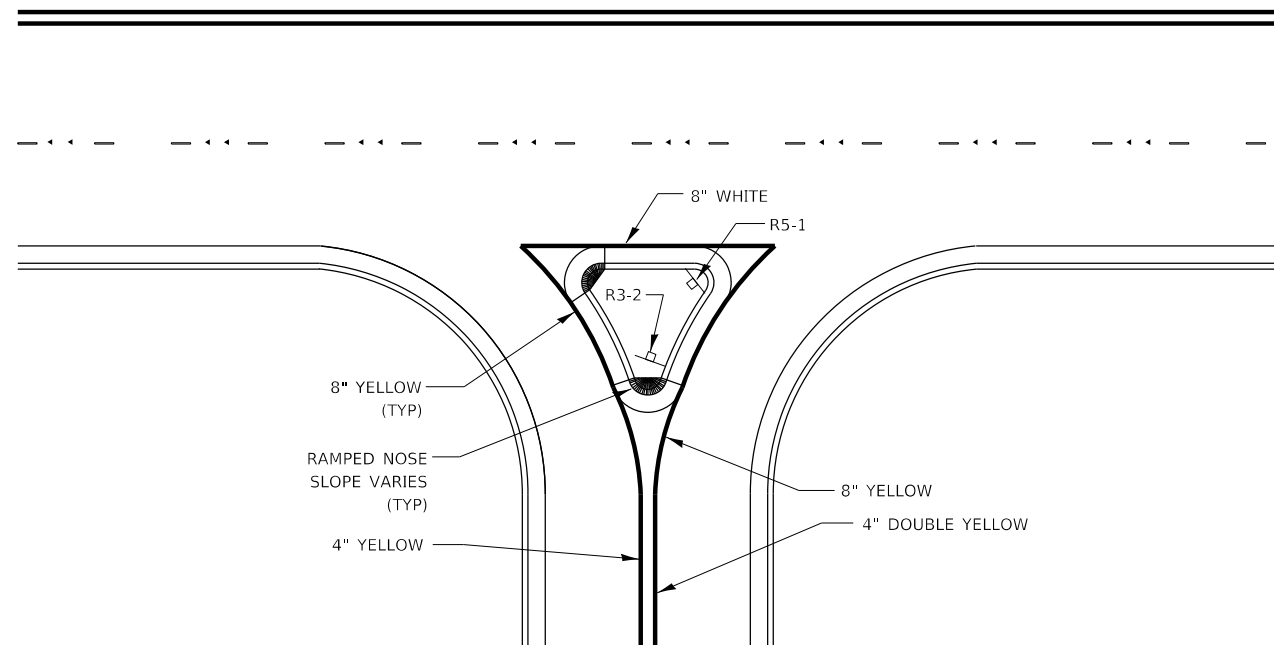
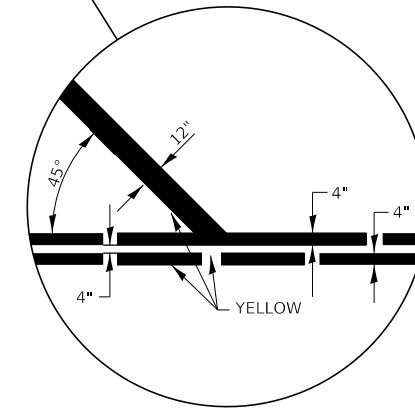
DETAILS

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

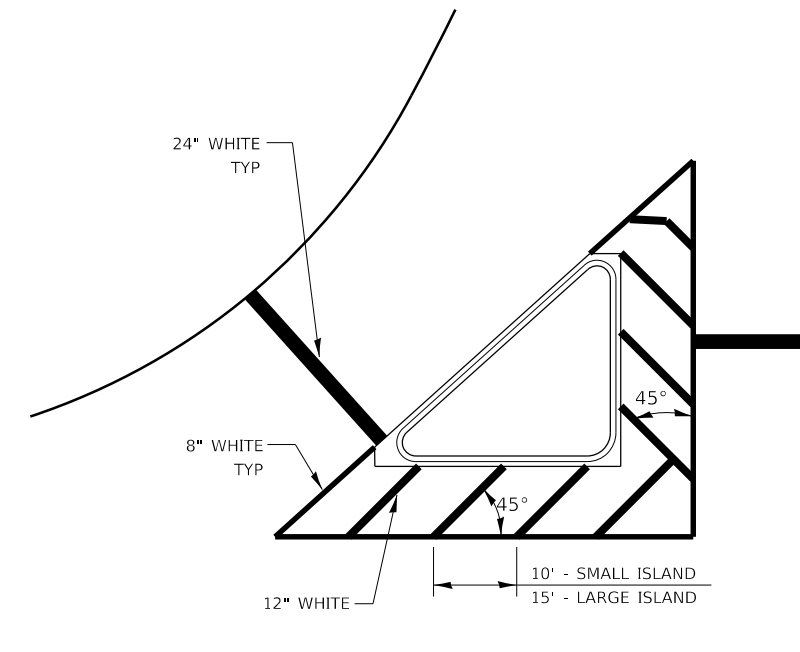
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	42
CONTRACT NO. 66D65			ILLINOIS FED. AID PROJECT	



**ADVANCE AND INTERSECTION LANE
DIVIDER LINES**



RIGHT IN RIGHT OUT ACCESS PAVEMENT MARKING



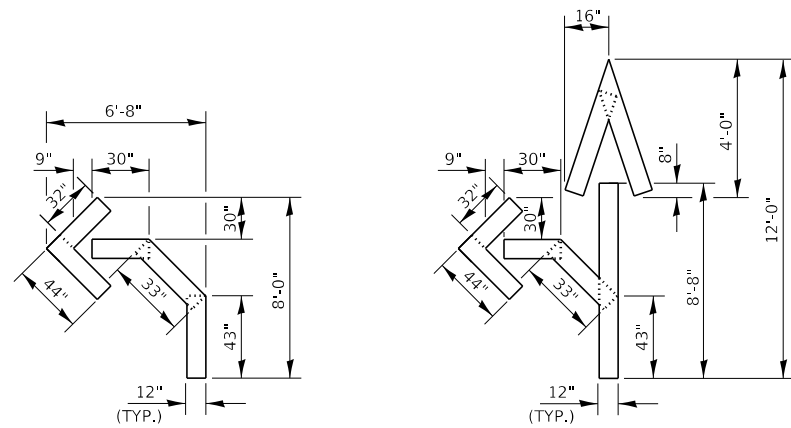
TYPICAL ISLAND

FILE NAME =	USER NAME = corcoranim	DESIGNED -	REVISED -
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

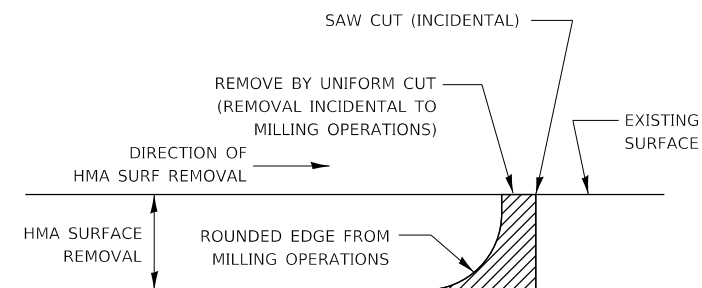
DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	43
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				



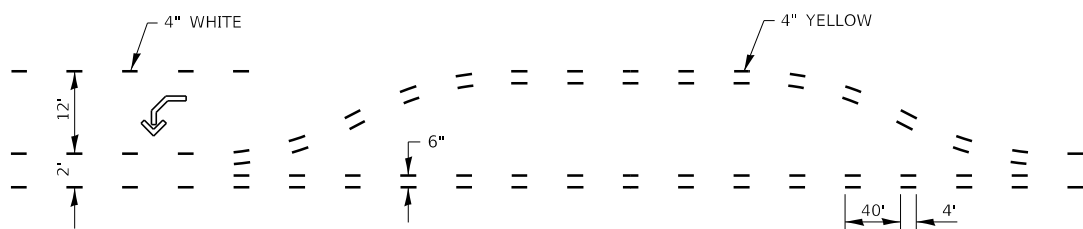
QUANTITY
12" LINE = 16 LIN FT
OR 4" LINE = 48 LIN FT

QUANTITY
12" LINE = 29 LIN FT
OR 4" LINE = 87 LIN FT

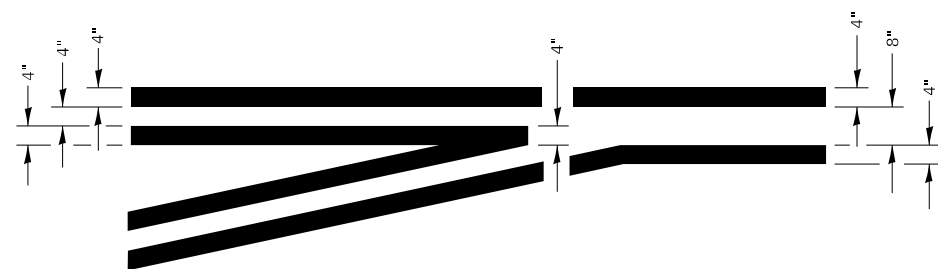
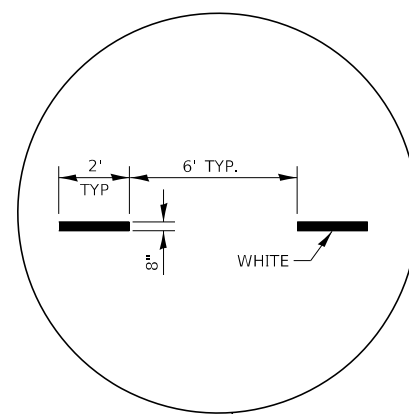


NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE,
THEN A SAW CUT SHALL BE USED TO MANUFACTURE
A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL.
THE ENGINEER SHALL BE THE SOLE JUDGE
CONCERNING THE USE OF THIS DETAIL

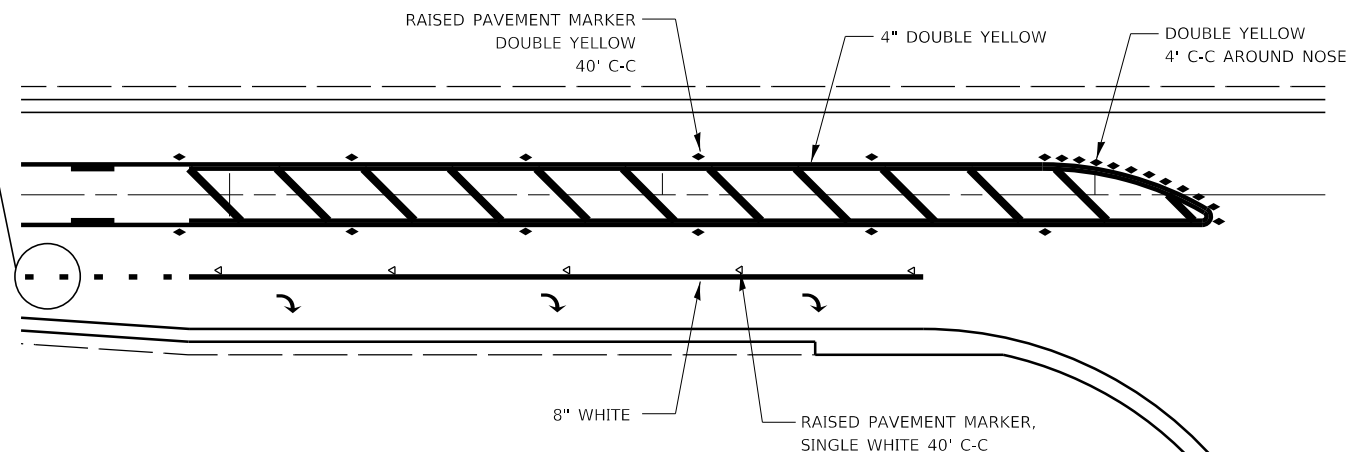
HMA DETAIL AT BUTT JOINTS



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS



TYPICAL APPLICATION @ LEFT TURN LANES



RAISED REFLECTIVE AND PAVEMENT MARKERS @ RIGHT TURN LANE

FILE NAME =	USER NAME = corcoranm	DESIGNED -	REVISED -
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	PLOT DATE = 1/29/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	140 RS-8	KANKAKEE	44	44
CONTRACT NO. 66D65				
ILLINOIS FED. AID PROJECT				