

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 781 (IL 33)  
SECTION (12,17Z)RS-1  
PROJECT ACF-0781 (033)  
3P RESURFACING  
CRAWFORD COUNTY

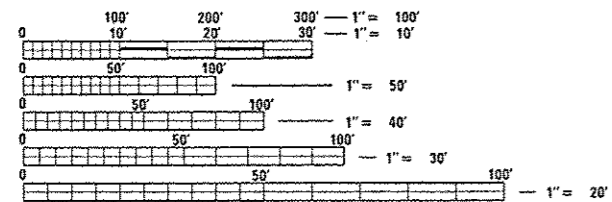
C-97-025-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,17Z)RS-1	Crawford	60	1
		ILLINOIS	CONTRACT NO. 74554	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATION:  
STA. 1191+01 (BK) = STA. 0+00 (AH)

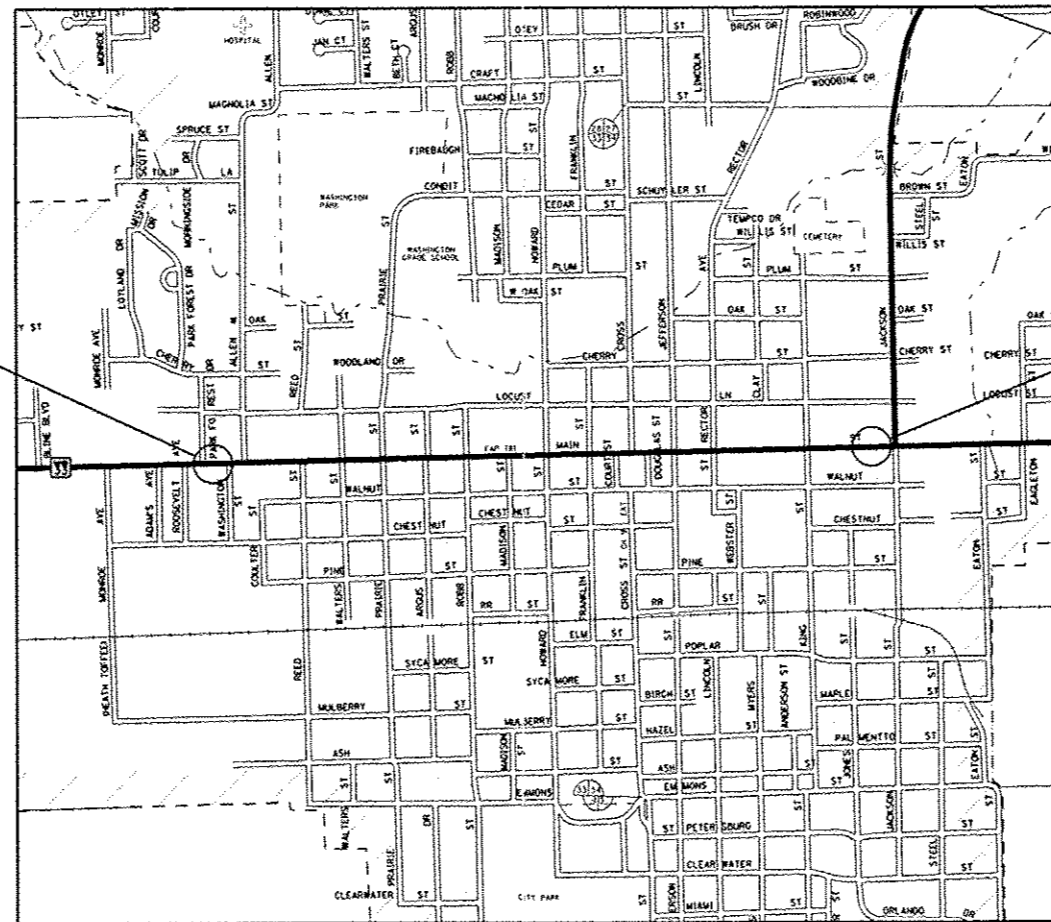
ADT = 10,900 (2010)



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: MARK DAUGHERTY  
PROJECT MANAGER: BRIAN LEWIS  
PHONE: (217)-342-8341  
CONTRACT NO. 74554



PROJECT BEGINS:  
STA. 1183 + 95

PROJECT ENDS:  
STA. 43 + 65

ROBINSON

GROSS LENGTH = 5,071 FT. = 0.96 MILE  
NET LENGTH = 5,071 FT. = 0.96 MILE



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED April 4 2013  
Roger L. Drishell, P.E.  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9 2014  
John D. Baranzelli, P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT

May 9 2014  
Omer Osman, P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

**GENERAL NOTES**

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF REHABILITATING APPROXIMATELY 0.96 MILES OF IL ROUTE 33 BY PATCHING, MILLING, RESURFACING, SIDEWALK RAMP REPLACEMENT, TRAFFIC SIGNAL MODIFICATIONS AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

SHORT TERM PAVEMENT MARKING ON THE MILLED SURFACE SHALL BE PAINT. ALL OTHER SHORT TERM PAVEMENT MARKINGS SHALL BE TAPE.

PREFORMED THERMOPLASTIC PAVEMENT MARKINGS SHALL BE PLACED ON THE PCC PAVEMENT AND AGED HMA SURFACES.

CURB REMOVAL IS FOR THE PURPOSE OF ENLARGING THE OPENINGS FOR THE RAMPS TO MEET THE MINIMUM WIDTH OF FOUR FEET. THIS WORK SHALL BE ACCOMPLISHED BY SAWING, CHIPPING AND GRINDING OF THE EXISTING CURB AND SHALL BE PERFORMED SO THAT THE RESULTING SURFACE OF THE REMAINING CONCRETE IS REASONABLY SMOOTH.

SPECIAL CARE SHALL BE TAKEN DURING PLACEMENT OF SURFACE COURSE IN THE VICINITY OF SIDEWALK RAMPS IN ORDER TO PREVENT THE ELEVATION DIFFERENTIALS BETWEEN THE CUTTER FLAG AND EDGE OF PAVEMENT THAT NOW EXIST.

THE ACTUAL LOCATIONS OF PAVEMENT PATCHING SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

SUBSURFACE INVESTIGATIONS INDICATE THAT REMOVAL OF AT LEAST SIX INCHES OF UNSUITABLE MATERIAL WILL BE NEEDED AFTER REMOVING THE PAVEMENT IN THE INDICATED AREAS. PLAN QUANTITIES WERE CALCULATED BASED ON AN ASSUMED REMOVAL THICKNESS OF TWELVE INCHES. MORE THAN TWELVE INCHES OF REMOVAL MAY BE REQUIRED IN SOME LOCATIONS. THE ENGINEER SHALL DIRECT THE CONTRACTOR REGARDING THICKNESS OF REMOVAL AS THE WORK PROGRESSES.

A QUANTITY OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED FOR MAINTENANCE OF PRIVATE ENTRANCES, COMMERCIAL ENTRANCES AND PUBLIC STREET APPROACHES. THE QUANTITY INCLUDES TWO APPLICATIONS OF AGGREGATE FOR EACH ENTRANCE AND STREET APPROACH, ONE TO BE PLACED AFTER PAVEMENT REMOVAL AND UNSUITABLE MATERIAL EXCAVATION AND ANOTHER ONE TO BE PLACED AFTER AGGREGATE SUBGRADE IMPROVEMENT.

ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS SHALL BE FERTILIZED, SEEDED AND MULCHED. SEEDING SHALL BE CLASS 2 IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF SECTION 250 AND 251 OF THE STANDARD SPECIFICATIONS. COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICES FOR THE SIDEWALK ITEMS.

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICES FOR OTHER ITEMS IN THE CONTRACT.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE HMA SURFACE COURSE.

VIBRATORY ROLLERS IN DYNAMIC MODE WILL NOT BE PERMITTED EXCEPT IN THE TRENCHES CREATED BY PAVEMENT REMOVAL AND REMOVAL OF UNSUITABLE MATERIAL.

COST OF REMOVAL OF TEMPORARY RAMP SHALL BE INCLUDED IN THE UNIT PRICE FOR TEMPORARY RAMP.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
HMA SURFACE COURSE	PG 64-22	4.0% @ N=90	IL - 19.0	MIXTURE D
HMA LEVELING BINDER	PG 64-22	4.0% @ N=90	IL - 9.5	N/A
PAVEMENT PATCHING	PG 64-22	4.0% @ N=70	IL - 19.0	N/A

**INDEX OF SHEETS**

SHEET NO	TITLE
1	COVER SHEET
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31-45	SIDEWALK RAMP SHEETS
46-50	PAVEMENT MARKING PLANS
51-56	TRAFFIC SIGNAL SHEETS
57-60	TYPICAL PAVEMENT MARKING DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

00001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALK
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALK
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALK
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-02	DEPRESSED CORNER FOR SIDEWALKS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
876001-03	PEDESTRIAN PUSH BUTTON POST
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

FILE NAME =	USER NAME = staffennk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES AND INDEX OF SHEETS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\p\work\p\p\dot\staffennk\12282322\10	74554-shr-gennotes.dgn	DRAWN -	REVISED -			781	11Z.17ZJRS-1	CRAWFORD	60	2
	PLOT SCALE = 1/20.0000" = 1" =	CHECKED -	REVISED -			CONTRACT NO. 74554				
	PLOT DATE = 3/13/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: NA	SHEET 1 OF	SHEETS		STA.	TO STA.	

ILLINOIS DEPARTMENT OF TRANSPORTATION			URBAN	M231L	07C0L	07P0L	07A6L		
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	0005 80% FEDERAL 20% STATE	0005 50% STATE 50% CITY	0005 100% CITY	0021 100% STATE		
CODE NO	ITEM	UNIT							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1367	1367					
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	2802	2802					
35501328	HOT-MIX ASPHALT BASE COURSE, 11"	SQ YD	4134	4134					
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1420	1420					
<del>40600100</del>	<del>BITUMINOUS MATERIALS (PRIME COAT)</del>	<del>GALLON</del>	<del>2659</del>	<del>2366</del>	<del>58</del>	<del>235</del>			
40600300	AGGREGATE (PRIME COAT)	TON	53	47	1	5			
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	1118	994	25	99			
40600990	TEMPORARY RAMP	SQ YD	133	133					
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	2234	1987	50	197			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5175	3161		2014			
42400800	DETECTABLE WARNINGS	SQ FT	636	368		268			
44000100	PAVEMENT REMOVAL	SQ YD	4101	4101					
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	26586	23657		2929			
44000300	CURB REMOVAL	FOOT	3	1.4		1.6			

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c:\pwork\p\stod\stoeffannk\02020208\074554-ash-a00.dgn	74554-ash-a00.dgn	DRAWN -	REVISED -
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	PLOT DATE = 3/13/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T81	112.17Z/RS-1	CRAWFORD	60	3
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005 80% FEDERAL 20% STATE	0005 50% STATE 50% CITY	0005 100% CITY	0021 100% STATE		
CODE NO	ITEM	UNIT							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	217	148		69			
44000600	SIDEWALK REMOVAL	SQ FT	5153	3110		2043			
44003100	MEDIAN REMOVAL	SQ FT	301	301					
60260100	INLETS TO BE ADJUSTED	EACH	1	1					
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1	1					
60260600	INLETS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE	EACH	1	1					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12	FOOT	18	18					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 24	FOOT	183	114		69			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5					
67100100	MOBILIZATION	L SUM	1	1					
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1					

FILE NAME =	USER NAME = steffanna	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or\p_work\p\dot\steffanna\08282001074554-ent-soq.dgn	74554-ent-soq.dgn	DRAWN -	REVISED -			701	11Z,17Z/RS-1	CRAWFORD	60	4
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -				CONTRACT NO. 74554				
Default	DATE -	REVISED -				SCALE:	SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT		

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	0005 80% FEDERAL 20% STATE	0005 50% STATE 50% CITY	0005 100% CITY	0021 100% STATE		
CODE NO	ITEM	UNIT							
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1					
	701701								
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1					
	701801								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6411	6411					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	679	679					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1006	1006					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12354	12354					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3795	3795					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	470	470					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	878	878					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	267	267					
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31.2	31.2					

\* SPECIALTY ITEM

FILE NAME =	USER NAME = staffennk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\psdot\staffennk\202300\	74554-shr-sqaq.dgn	DRAWN -	REVISED -					781	02.172RS-1	CRAWFORD	60	5
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	PLOT DATE = 3/13/2014	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005 80% FEDERAL 20% STATE	0005 50% STATE 50% CITY	0005 100% CITY	0021 100% STATE		
CODE NO	ITEM	UNIT							
* 78006110	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	530	530					
* 78006150	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	37	37					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	288	288					
* 78100300	REPLACEMENT REFLECTOR	EACH	15	15					
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2123	2123					
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	45				45		
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	7				7		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2031				2031		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	183				183		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	999				999		
* 87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	3				3		
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	6				6		
* 87502720	TRAFFIC SIGNAL POST, ALUMINUM 18 FT.	EACH	4				4		

\* SPECIALTY ITEM

FILE NAME =	USER NAME = estoffenck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\p\dot\estoffenck\02282300\074554-shrsqd.dgn	74554-shrsqd.dgn	DRAWN -	REVISED -					781	(12.172)RS-1	CRAWFORD	60	6
PLOT SCALE = 1/8" = 1'-0"		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 74554				
PLOT DATE = 3/13/2014		DATE -	REVISED -		ILLINOIS/FED. AID PROJECT							

URBAN

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	0005 80% FEDERAL 20% STATE	0005 50% STATE 50% CITY	0005 100% CITY	0021 100% STATE		
CODE NO	ITEM	UNIT							
* 87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	4				4		
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3				3		
* 87900200	DRILL EXISTING HANDHOLE	EACH	5				5		
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4				4		
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8				8		
* 88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1				1		
* 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4				4		
* 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3				3		
* 88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	3				3		
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	12				12		

\* SPECIALTY ITEM

FILE NAME =	USER NAME = sstaffennk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\pr-work\p\p\dot\st\staffennk\020232010	74554-ahs-xqs.dgn	DRAWN -	REVISED -					781	(12.1TZ)RS-1	CRAWFORD	60	7
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	PLOT DATE = 3/13/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

URBAN

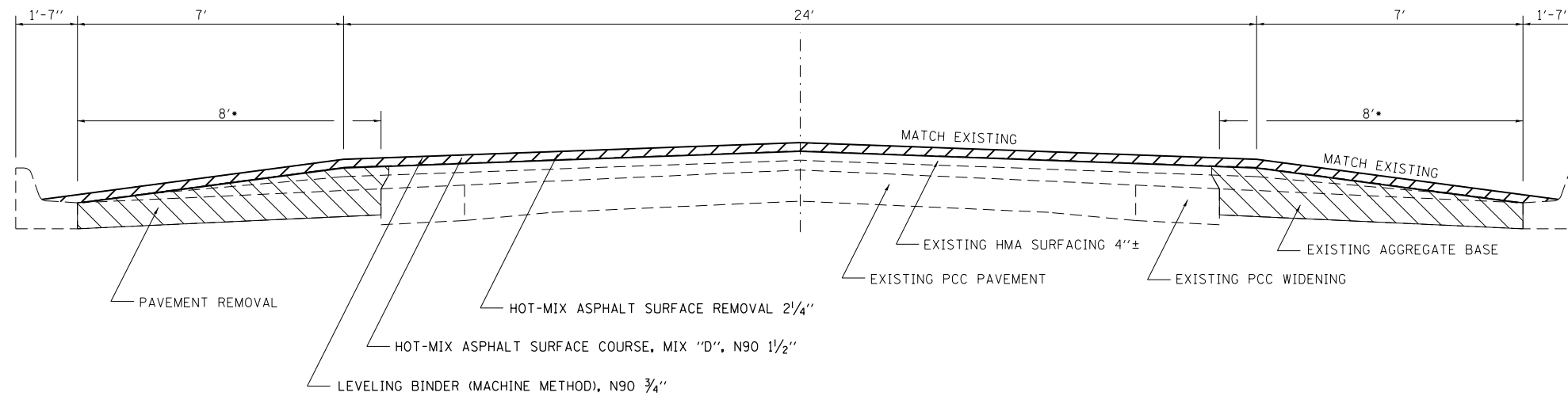
ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			TOTAL QUANTITIES	0005 80% FEDERAL 20% STATE	0005 50% STATE 50% CITY	0005 100% CITY	0021 100% STATE		
CODE NO	ITEM	UNIT							
* 88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4				4		
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	29				29		
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	20				20		
* 89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1				1		
* 89502200	MODIFY EXISTING CONTROLLER	EACH	4				4		
* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	4				4		
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2279				2279		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4				4		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	2				2		
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4				4		
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	11964	10646	262	1056			
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	432	432					
X7010226	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501, SPECIAL	L SUM	1	1					

\* SPECIALTY ITEM

FILE NAME =	USER NAME = steffernik	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\steffernik\0282302\074554-ent-soq.dgn	74554-ent-soq.dgn	DRAWN -	REVISED -					T81	(12,172)RS-1	CRAWFORD	60	8
PLOT SCALE = 1/8" = 1'-0"		CHECKED -	REVISED -					CONTRACT NO. 74554				
Default	PLOT DATE = 3/13/2014	DATE -	REVISED -					SCALE:	SHEET	OF	SHEETS	STA.



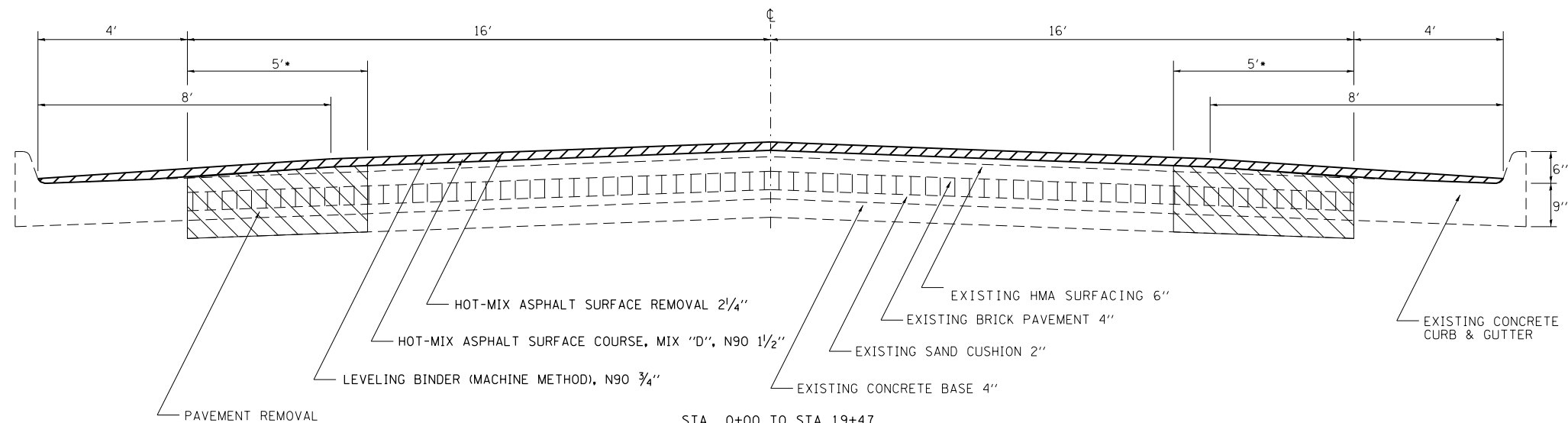




• LIMITS OF PAVEMENT REMOVAL - REPLACE WITH:

- HMA BASE COURSE 11"
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & AGGREGATE SUBGRADE IMPROVEMENT (12" TYPICAL - SEE GENERAL NOTES)

STA 1183+95 to STA 1191+01



• LIMITS OF PAVEMENT REMOVAL - REPLACE WITH:

- HMA BASE COURSE 11"
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & AGGREGATE SUBGRADE IMPROVEMENT (12" TYPICAL - SEE GENERAL NOTES)

STA 0+00 TO STA 19+47  
STA 32+63 TO STA 43+65

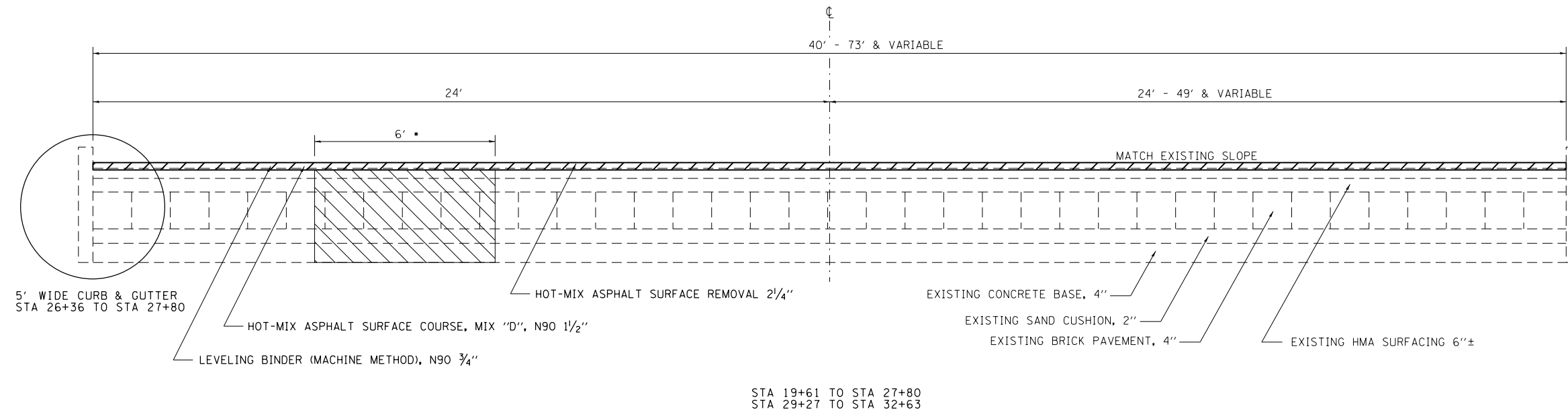
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PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 3/13/2014		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NA SHEET 1 OF 2 SHEETS STA. TO STA.

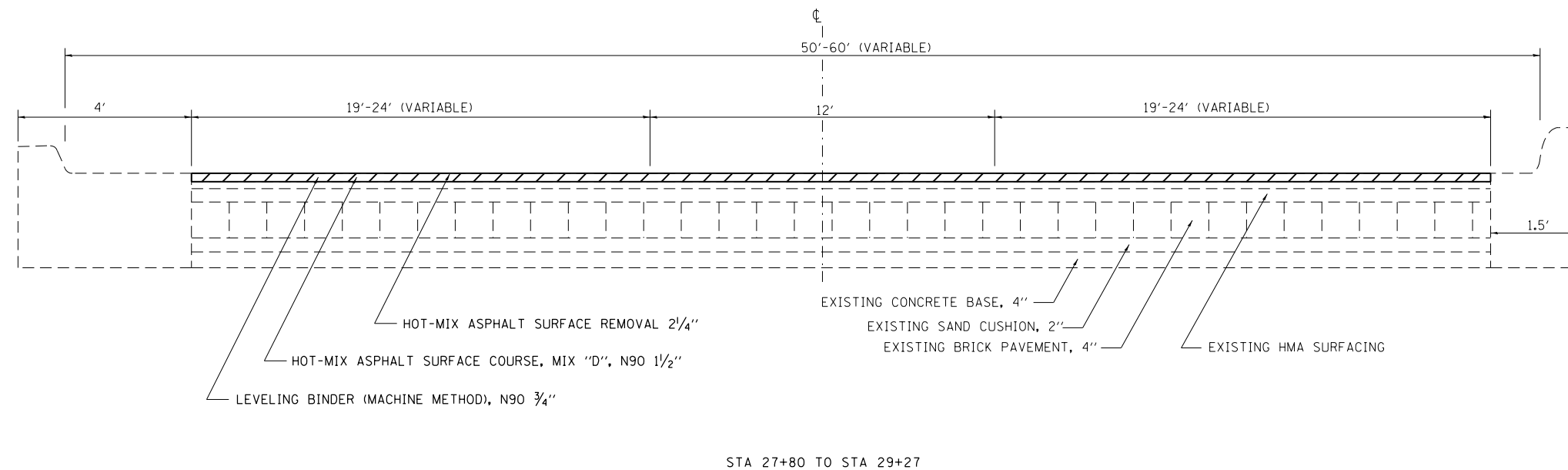
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	10
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



• LIMITS OF PAVEMENT REMOVAL - REPLACE WITH:

- HMA BASE COURSE 11"
- REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL & AGGREGATE SUBGRADE IMPROVEMENT (12" TYPICAL - SEE GENERAL NOTES)

(EXACT LOCATION AND LIMITS TO BE DETERMINED BY RESIDENT ENGINEER)



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ct:\pwork\pwork\stevfenmk\d0282300\074554-sht-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/13/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	11
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

RESURFACING SCHEDULE

STATION TO STATION	LENGTH FOOT	AVERAGE PAVEMENT WIDTH FOOT	AREA SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 TON	LEVELLING BINDER (MACHINE METHOD), N90 TON	TEMPORARY RAMP SQ YD
1183+95.00 TO 1191+01.00	706.0	40.0	3137.8	3137.8	313.8	6.3	263.6	131.8	66.7
0+00.00 TO 19+72.00	1972.0	40.0	8764.4	8764.4	876.4	17.5	736.2	368.1	0.0
19+72.00 TO 22+83.00	311.0	50.0	1727.8	1727.8	172.8	3.5	145.1	72.6	0.0
22+83.00 TO 24+40.00	157.0	50.0	872.2	872.2	87.2	1.7	73.3	36.6	0.0
24+40.00 TO 27+85.00	345.0	VAR.	2063.3	2063.3	206.3	4.1	173.3	86.7	0.0
27+85.00 TO 29+25.00	140.0	47.0	671.2	671.2	67.1	1.3	56.4	28.2	0.0
29+25.00 TO 32+80.00	355.0	50.0	1597.9	1597.9	159.8	3.2	134.2	67.1	0.0
32+80.00 TO 43+65.00	1085.0	40.0	4822.2	4822.2	482.2	9.6	405.1	202.5	66.7
TOTALS	5071.0		23657.0	23657.0	2366.0	47.0	1987.0	994.0	133.0

NOTE: ABOVE QUANTITIES ARE 100% STATE COST. PARKING LANES ARE INCLUDED IN PAVEMENT WIDTHS AND AREAS BUT NOT IN QUANTITIES.

RESURFACING SCHEDULE - PARKING LANES

STATION TO STATION	LENGTH FOOT	WIDTH FOOT	AREA SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 TON	LEVELLING BINDER (MACHINE METHOD), N90 TON
LT STA. 24+72 TO 25+68	96	8 & VAR.	63.8	63.8	6.4	0.1	5.4	2.7
RT STA. 25+20 TO 27+06	186	8	165.8	165.8	16.6	0.3	13.9	7.0
LT STA. 26+33 TO 29+24	291	8 & VAR.	139.2	139.2	13.9	0.3	11.7	5.8
LT STA. 29+77 TO 32+19	242	8	212.9	212.9	21.3	0.4	17.9	8.9
TOTALS			582.0	582.0	58.0	1.0	49.0	24.0

NOTE: ALL ABOVE QUANTITIES ARE 50% CITY COST EXCEPT HMA SURFACE REMOVAL WHICH IS 100% CITY COST.

RESURFACING SCHEDULE - SIDE STREETS

STREET NAME AND SIDE	LENGTH FOOT	PAVEMENT WIDTH AT FAR END FOOT	AREA SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 TON	LEVELLING BINDER (MACHINE METHOD), N90 TON
ALLEN - NORTH	30.0	37.0	166.7	166.7	16.7	0.3	14.0	7.0
REED - NORTH	20.0	30.0	91.4	91.4	9.1	0.2	7.7	3.8
REED - SOUTH	20.0	30.0	90.6	90.6	9.1	0.2	7.6	3.8
WALTERS - NORTH	20.0	26.0	83.8	83.8	8.4	0.2	7.0	3.5
WALTERS - SOUTH	20.0	26.0	83.2	83.2	8.3	0.2	7.0	3.5
PRAIRIE - NORTH	20.0	32.0	95.4	95.4	9.5	0.2	8.0	4.0
PRAIRIE - SOUTH	20.0	32.0	89.4	89.4	8.9	0.2	7.5	3.8
ARGUS - NORTH	20.0	31.0	88.1	88.1	8.8	0.2	7.4	3.7
ARGUS - SOUTH	20.0	31.0	88.1	88.1	8.8	0.2	7.4	3.7
ROBB - NORTH	20.0	30.0	82.7	82.7	8.3	0.2	6.9	3.5
ROBB - SOUTH	20.0	30.0	85.1	85.1	8.5	0.2	7.1	3.6
MADISON - SOUTH	20.0	30.0	85.9	85.9	8.6	0.2	7.2	3.6
HOWARD - NORTH	17.0	19.0	49.6	49.6	5.0	0.1	4.2	2.1
HOWARD - SOUTH	16.0	40.0	81.6	81.6	8.2	0.2	6.9	3.4
FRANKLIN - NORTH	20.0	37.0	93.2	93.2	9.3	0.2	7.8	3.9
FRANKLIN - SOUTH	18.0	30.0	82.9	82.9	8.3	0.2	7.0	3.5
COURT - SOUTH	18.0	62.0	133.3	133.3	13.3	0.3	11.2	5.6
CROSS - NORTH	15.0	50.0	156.8	156.8	15.7	0.3	13.2	6.6
DOUGLAS - SOUTH	17.0	62.0	126.2	126.2	12.6	0.3	10.6	5.3
JEFFERSON - NORTH	14.0	39.0	112.8	112.8	11.3	0.2	9.5	4.7
JEFFERSON - SOUTH	16.0	34.0	76.2	76.2	7.6	0.2	6.4	3.2
LINCOLN - NORTH	19.0	24.0	84.3	84.3	8.4	0.2	7.1	3.5
LINCOLN - SOUTH	21.0	22.0	84.4	84.4	8.4	0.2	7.1	3.5
KING - NORTH	18.0	23.0	61.0	61.0	6.1	0.1	5.1	2.6
KING - SOUTH	18.0	30.0	74.4	74.4	7.4	0.1	6.3	3.1
TOTALS			2347.0	2347.0	235.0	5.0	197.0	99.0

NOTE: ALL ABOVE QUANTITIES ARE 100% CITY COST.

PAVEMENT MARKING SCHEDULE

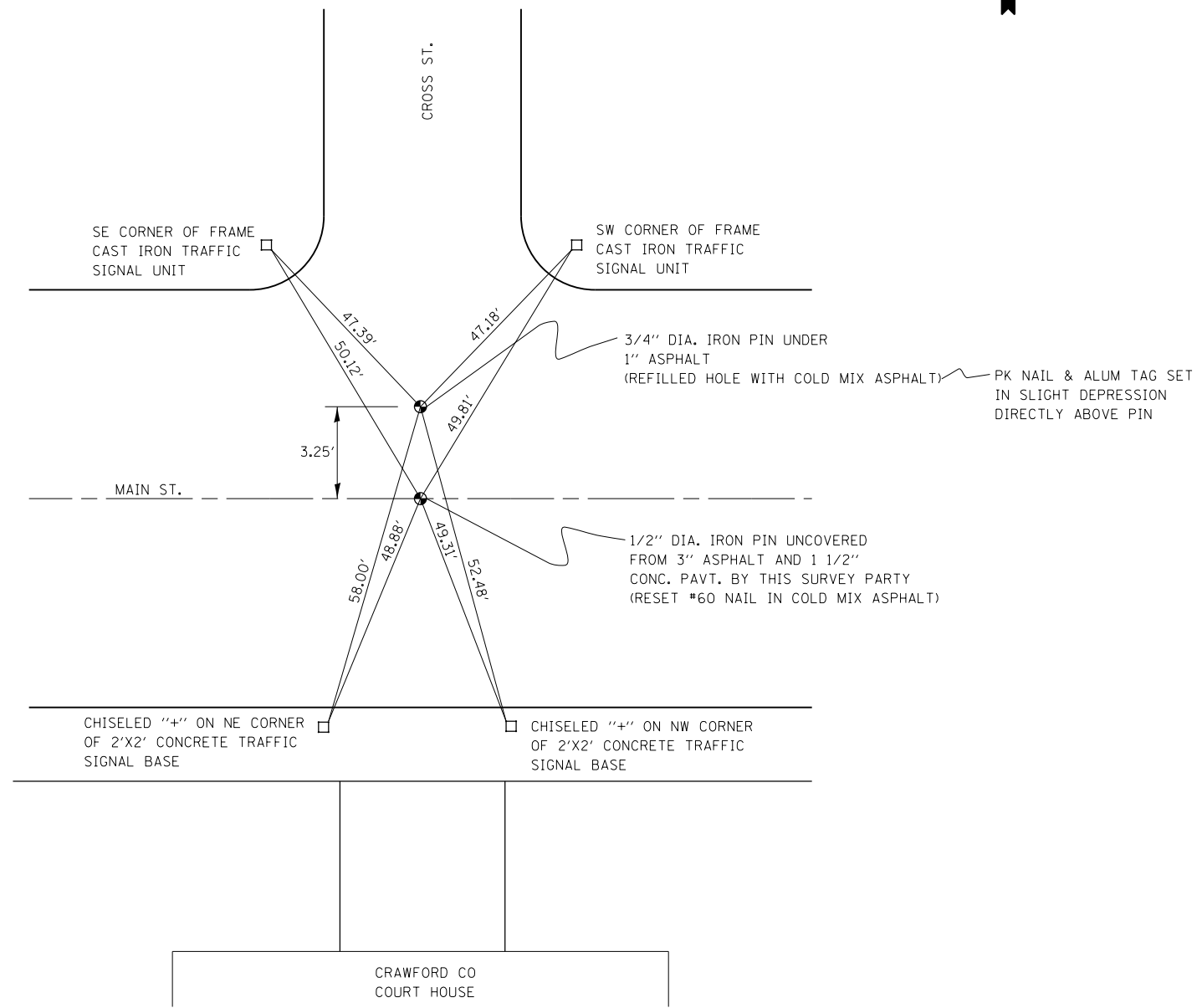
BLOCK	THERMOPLASTIC PAVEMENT MARKING - LTRS & SYMB ( WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" ( YELLOW)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" ( WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" ( WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" ( WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" ( WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" ( YELLOW)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" ( WHITE)	RAISED REFLECTIVE PAVEMENT MARKER ( AMBER TWO-WAY)	RAISED REFLECTIVE PAVEMENT MARKER ( CRYSTAL ONE-WAY)	RAISED REFLECTIVE PAVEMENT MARKER ( AMBER ONE-WAY)	
	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	
PARK FOREST TO N. ALLEN	31.2	1056			229			104	25	14	3	8
N. ALLEN TO REED	81.3	1450			163			195	20		3	20
REED TO WALTERS	62.4	650			324					14		
WALTERS TO PRAIRIE	62.4	650			212					14		
PRAIRIE TO ARGUS	62.4	638			205					14		
ARGUS TO ROBB	62.4	650			204					14		
ROBB TO MADISON	62.4	650			65					14		
MADISON TO HOWARD	31.2	720			295		48	27	12	3		6
HOWARD TO FRANKLIN	78.0	525	276		466		119	30	19	3		6
FRANKLIN TO COURT	31.2	495	288		241		82	44	25	1	3	8
COURT TO DOUGLAS	129.2	600	219		276	470	176	48	39	6	3	7
DOUGLAS TO JEFFERSON	46.8	244	54		323		22	48	8	3		
JEFFERSON TO LINCOLN	78.0	537	139		340		40	28	14	3		
LINCOLN TO KING	124.8	1613			264				34			
KING TO JACKSON	62.4	900			188			25	28	3		6
TOTALS	1006.1	11378	976		3795	470	439	439	267	206	27	55

SURVEY MARKERS

LOCATION	OFFSET	DESCRIPTION	PROTECTING OR RESETTING SURVEY MARKERS	SURVEY MARKER VAULT
+/- STA. 26+14	0.0	P. K. NAIL	1 EACH	1 EACH
+/- STA. 26+14	LT. 3.25'	IRON PIN	1 EACH	1 EACH
+/- STA. 40+00	0.0	ALUMINUM TABLET	1 EACH	1 EACH

CONFLICTING MARKINGS - STAGE CONSTRUCTION

STATION TO STATION	LENGTH	PAVEMENT MARKING REMOVAL		REPLACEMENT REFLECTOR	
		FOOT	SQ FT	EACH	EACH
1182+30 TO 1186+87	457	348.4		22	8
1186+87 TO 1191+01	414	457.2		14	
0+00 TO 3+55	355	31.2			
3+55 TO 6+76	321	31.2			
6+76 TO 10+00	324	62.4			
10+00 TO 13+15	315	62.4			
13+15 TO 16+36	321	31.2			
16+36 TO 19+67	331	116.2		10	
19+67 TO 22+83	316	119.7		7	
22+83 TO 27+85	502				
27+85 TO 29+43	158	159.5		3	
29+43 TO 32+52	309	169.3		6	
32+52 TO 39+70	718	387.0		6	
39+70 TO 45+00	530	146.9		7	7
TOTALS		2122.6		75	15

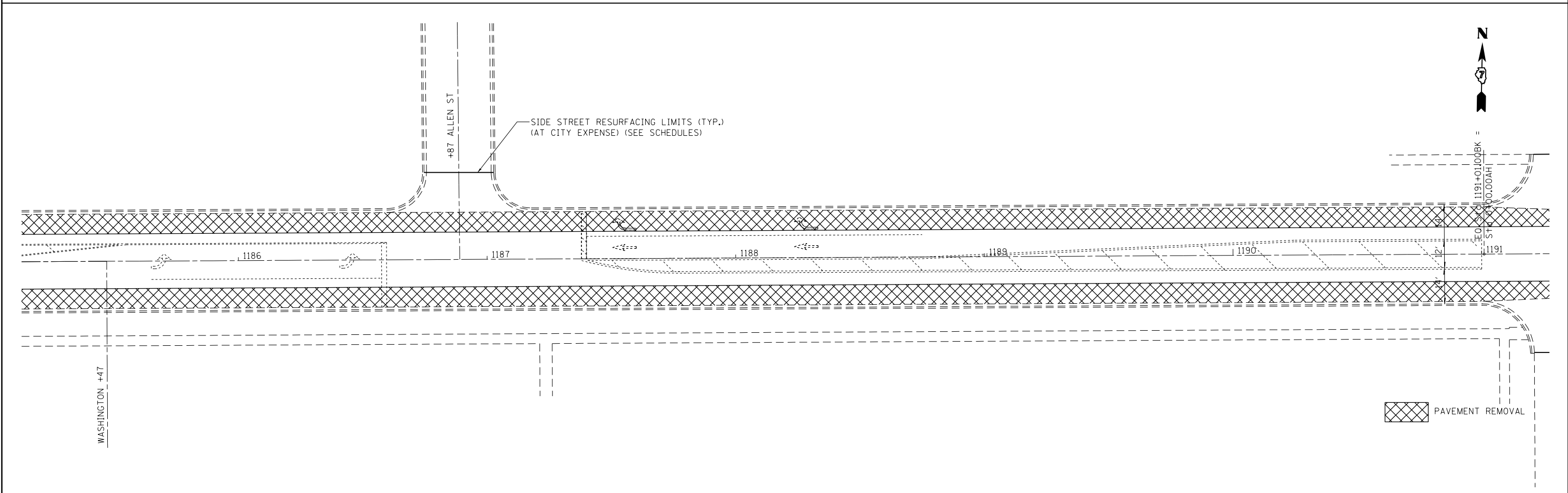
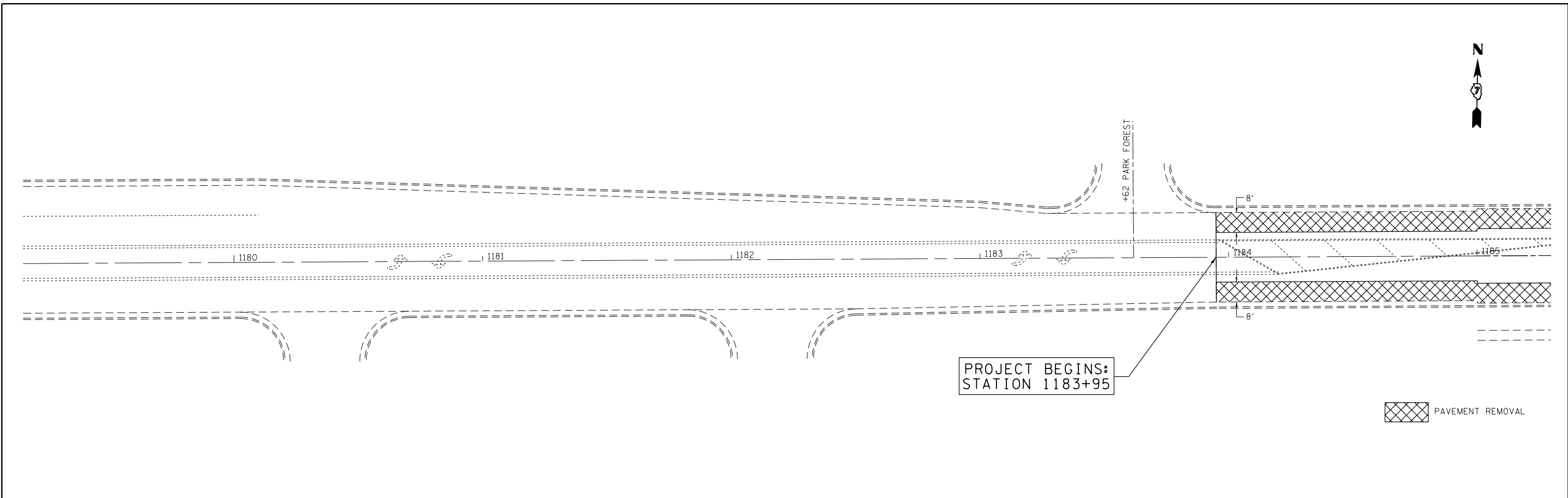


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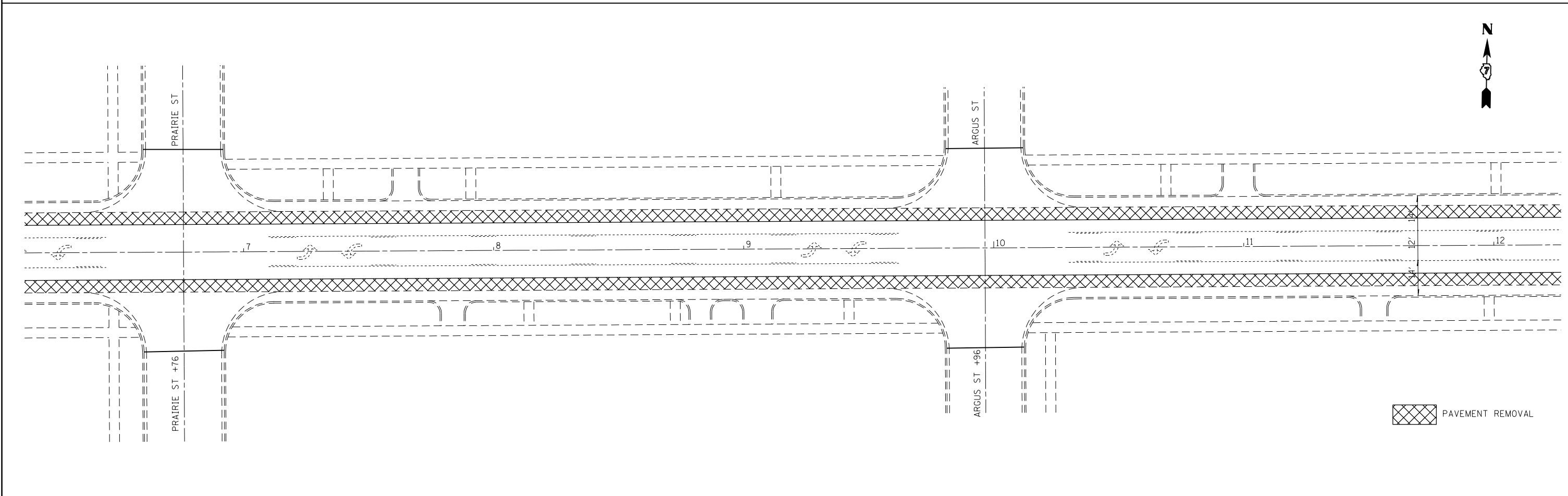
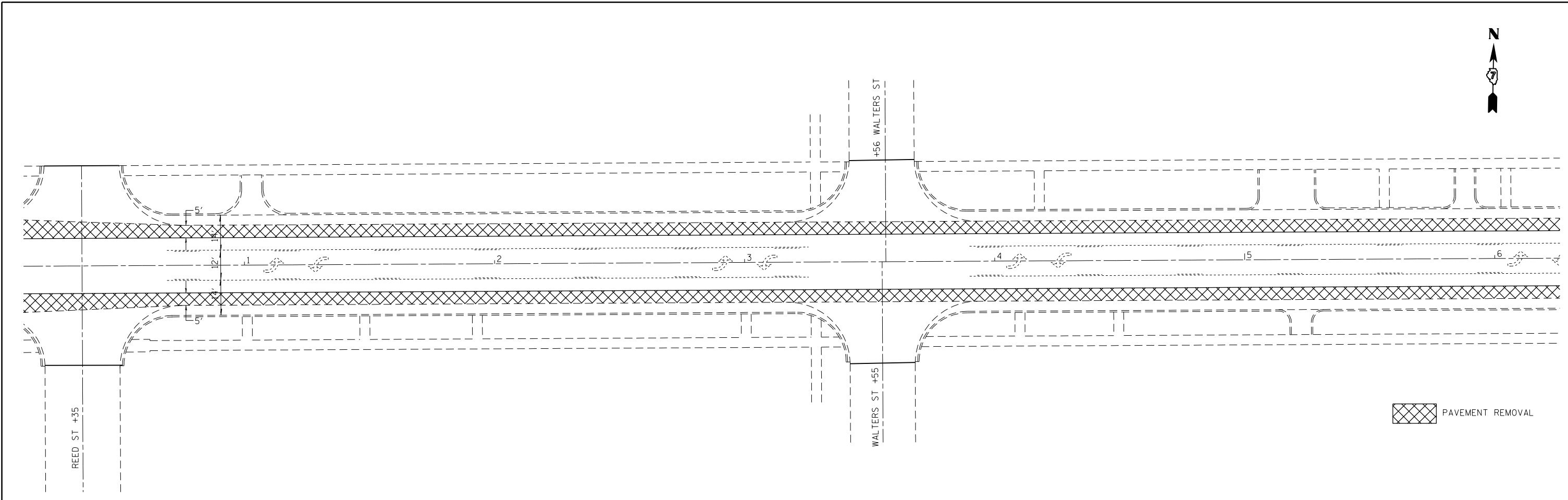
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SURVEY TIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	14
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



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												CONTRACT NO. 74554		
												ILLINOIS FED. AID PROJECT		



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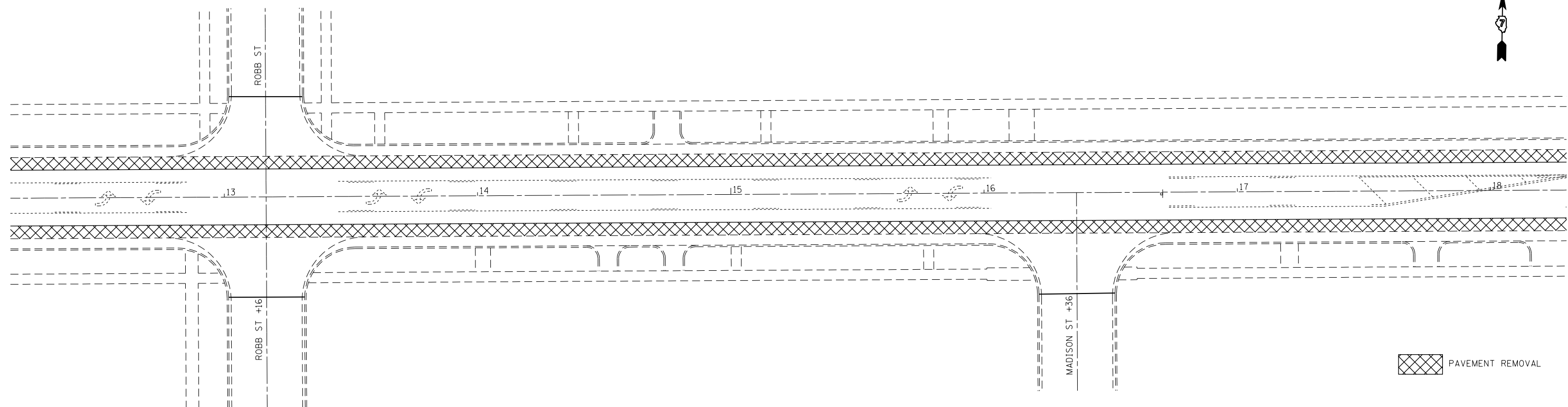
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
STA 1191+00 TO STA 12+00**

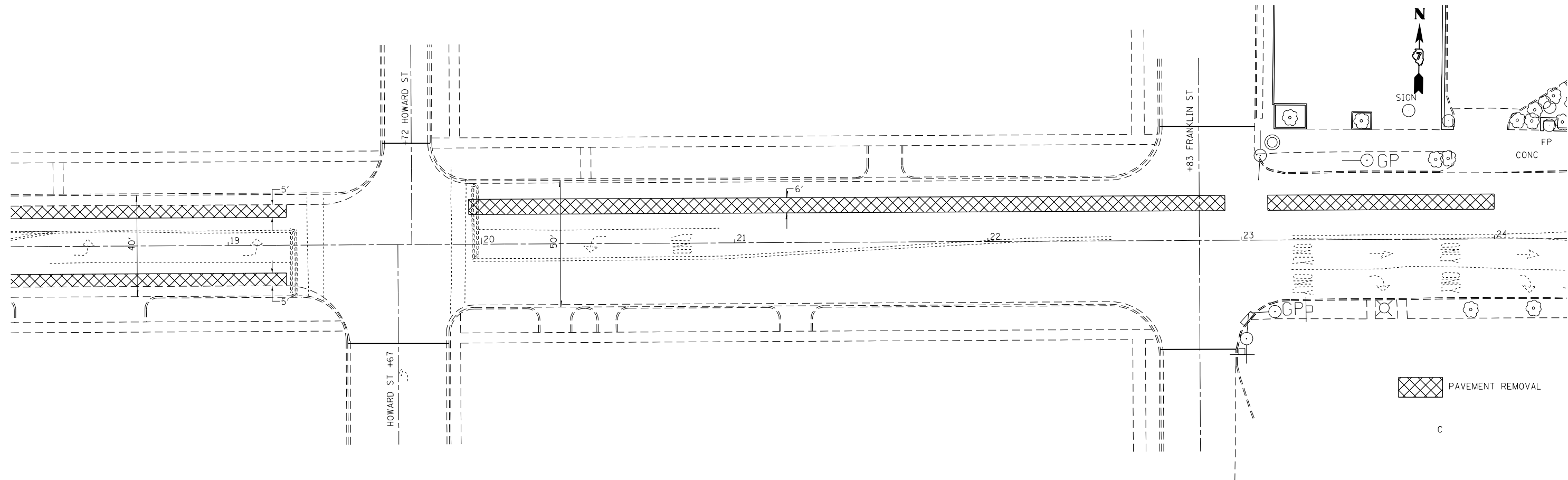
SCALE: 20      SHEET 2 OF 5 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	16
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	





PAVEMENT REMOVAL



PAVEMENT REMOVAL

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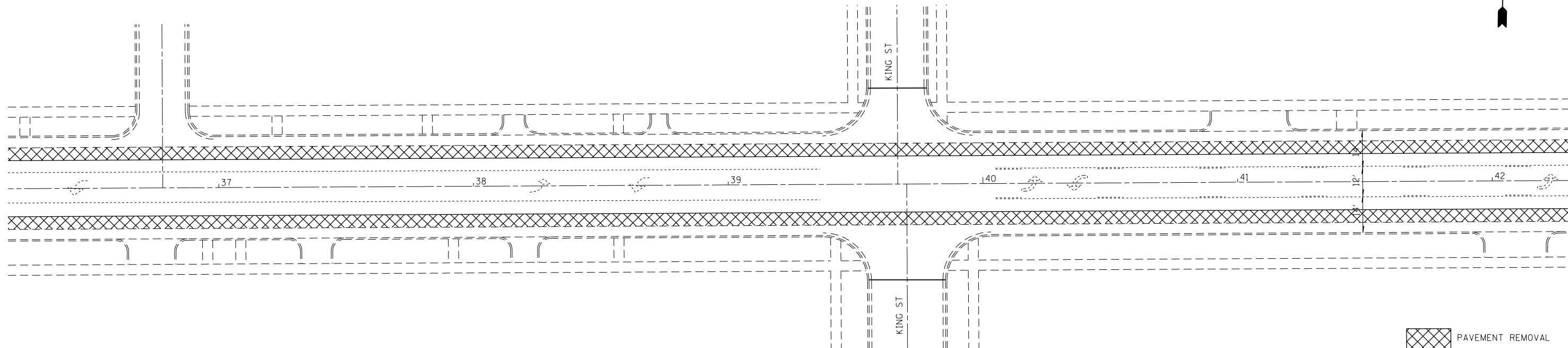
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET  
STA 12+00 TO STA 24+00**

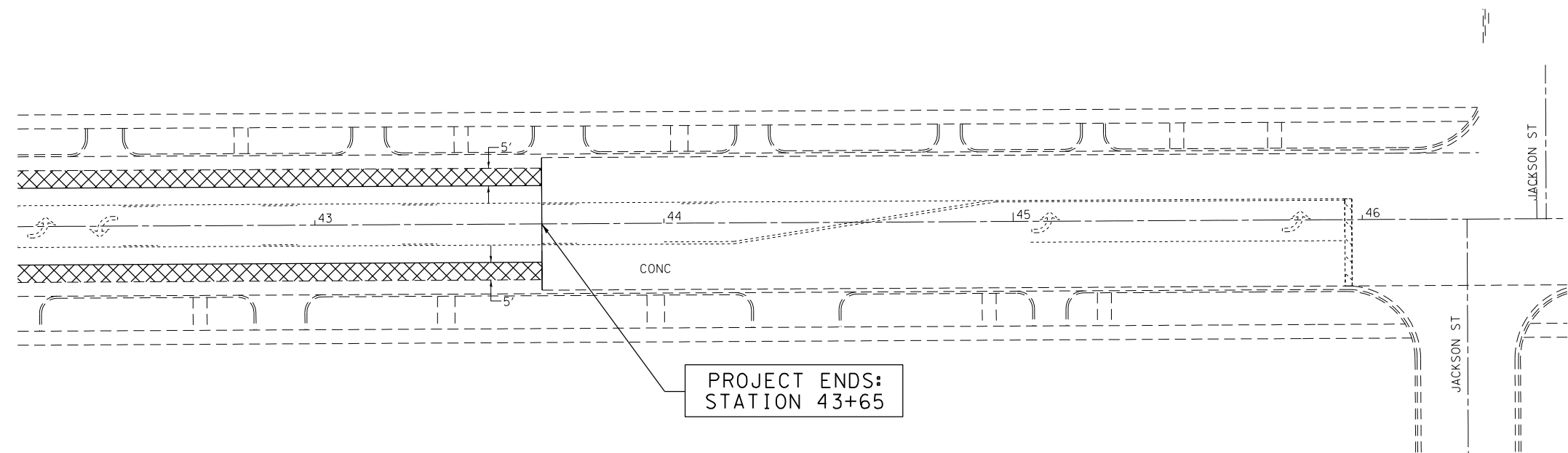
SCALE: 20 SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,17)RS-1	CRAWFORD	60	17
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	





 PAVEMENT REMOVAL



PROJECT ENDS:  
STATION 43+65

 PAVEMENT REMOVAL

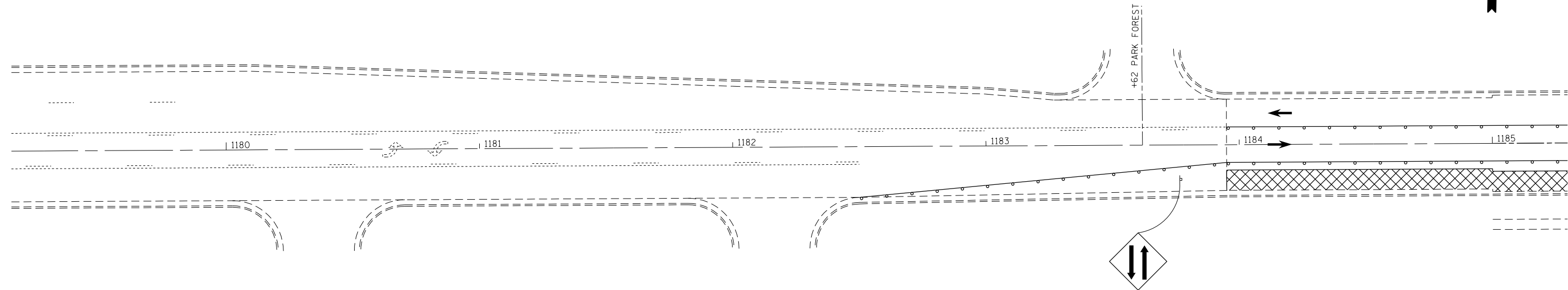
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**  
**STA 36+00 TO STA 46+00**

SCALE: 20 SHEET 5 OF 5 SHEETS STA. TO STA.

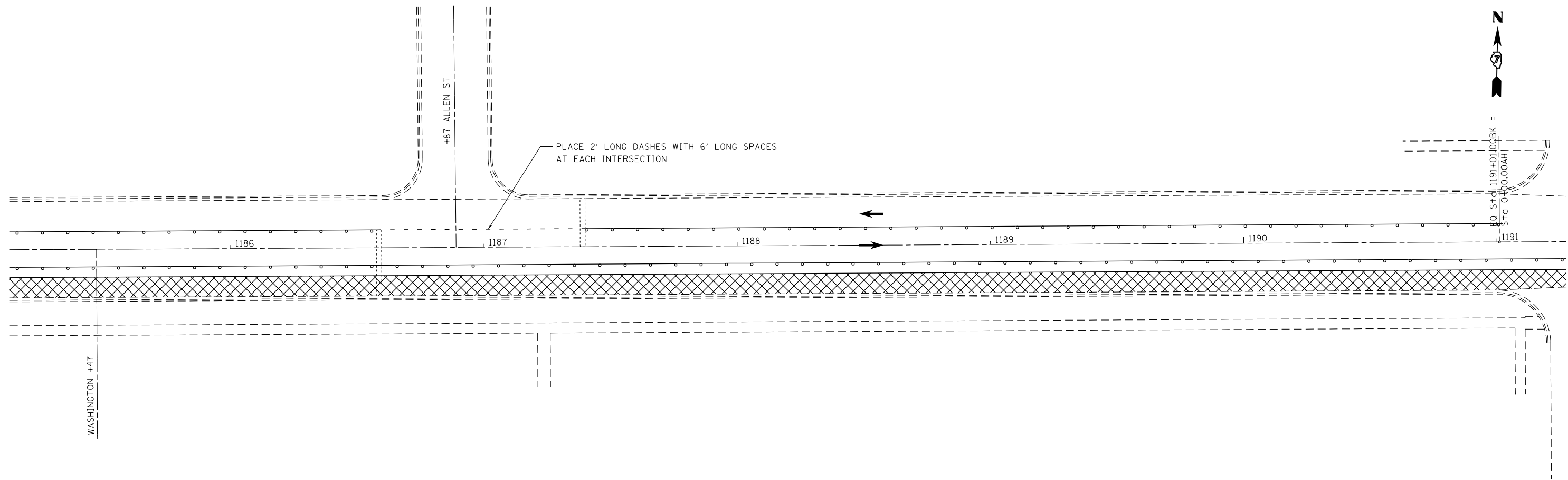
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	



- SUGGESTED SEQUENCE OF OPERATIONS:
1. REMOVE PAVEMENT AND UNSUITABLE MATERIAL IN EBL.
  2. CONSTRUCT COARSE AGGREGATE - REPLACEMENT AND HMA BASE COURSE 11"
  3. SWITCH TRAFFIC TO STAGE 2 AND REPEAT.

PAVEMENT REMOVAL

REFER TO STD. 701502 FOR DETAILS NOT SHOWN.  
REMOVE CONFLICTING PAVEMENT MARKINGS.



PLACE 2" LONG DASHES WITH 6' LONG SPACES  
AT EACH INTERSECTION

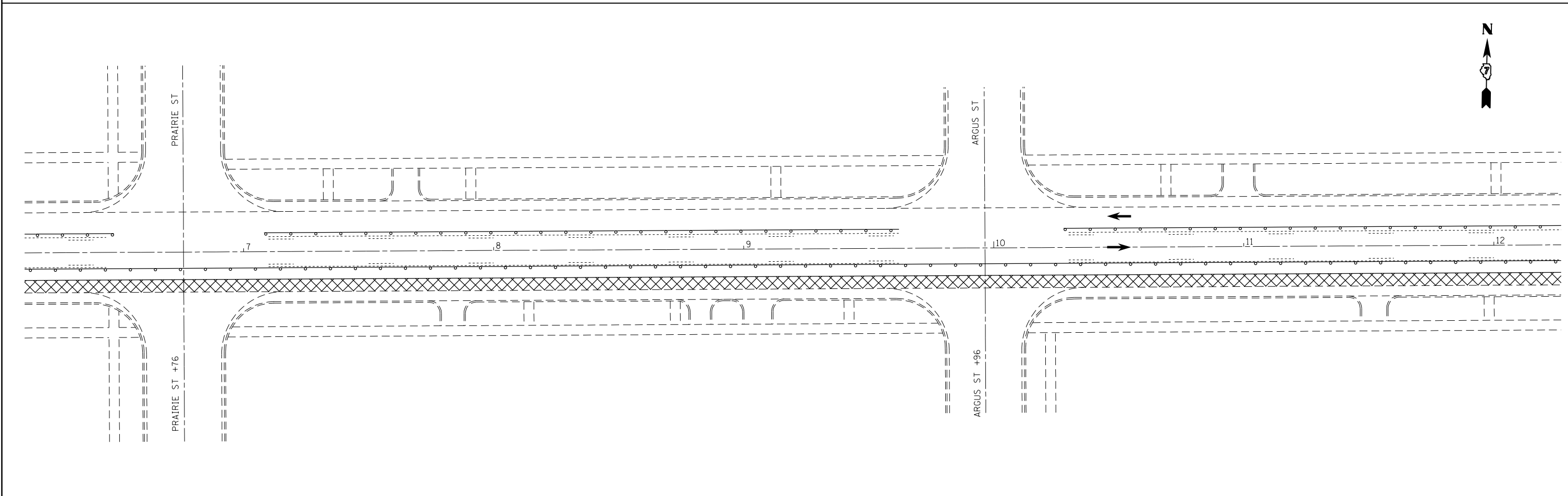
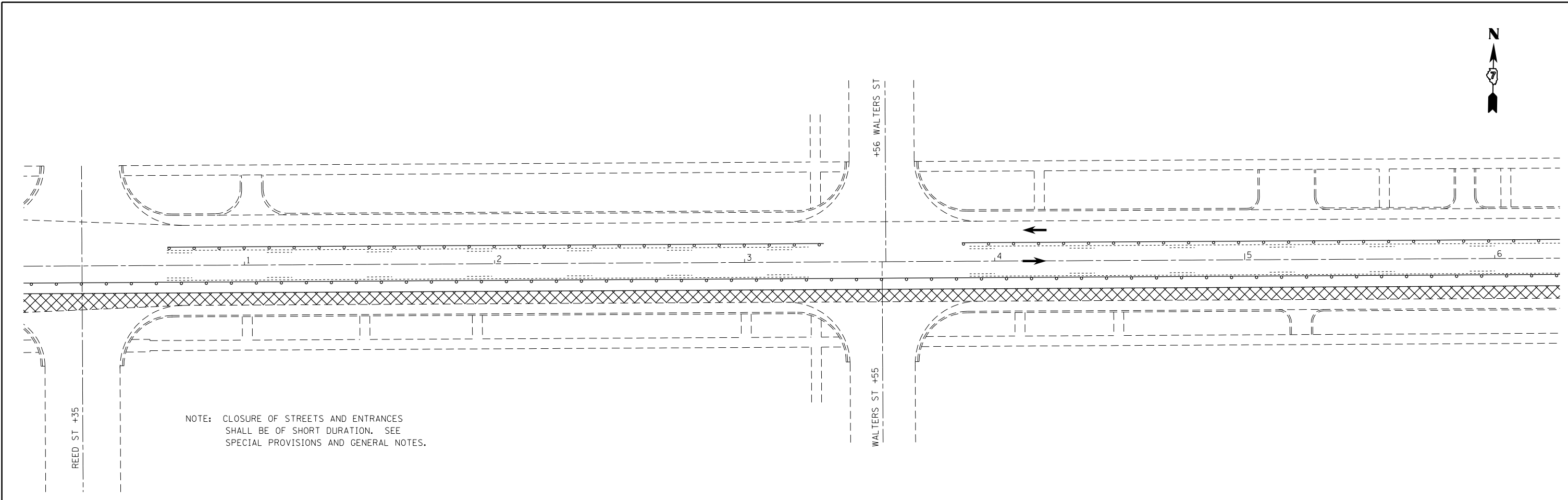
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 CONSTRUCTION DETAILS  
STA 1179+00 TO STA 1191+00**

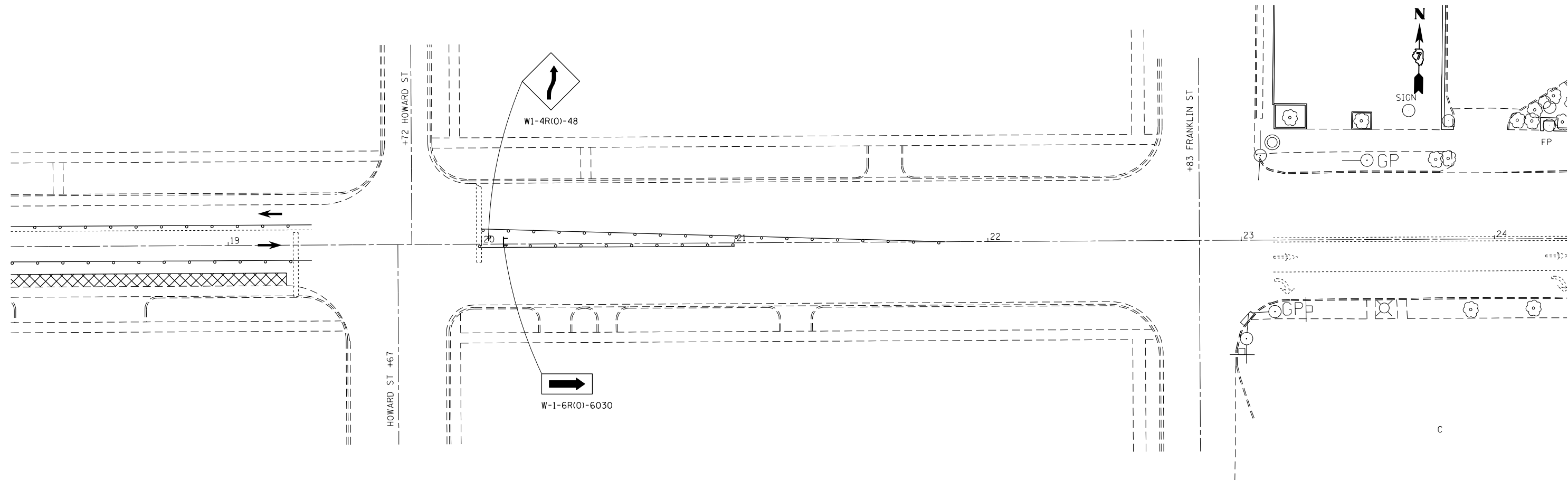
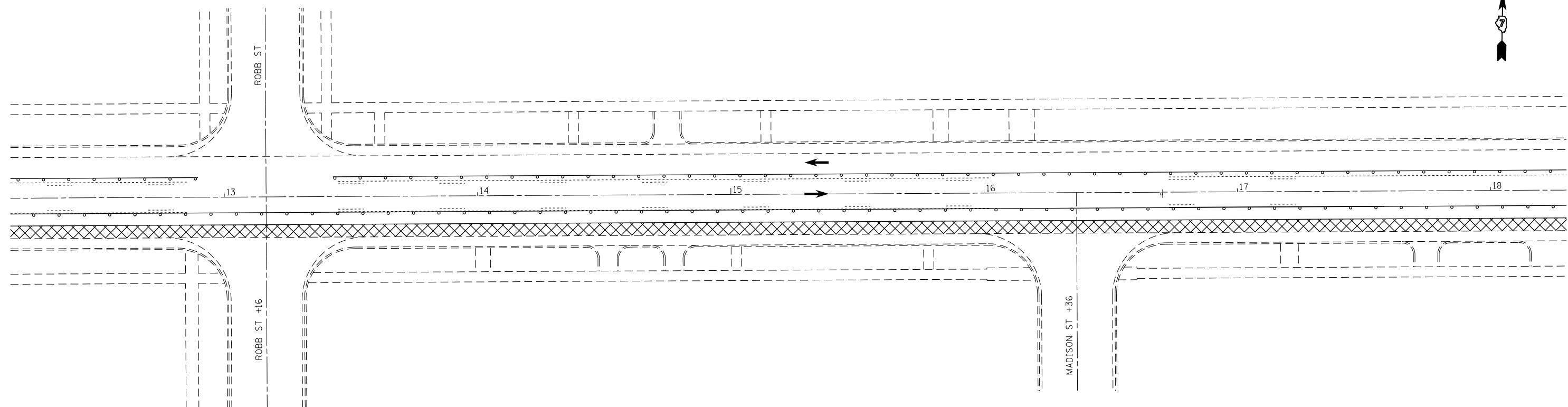
SCALE: 20 SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	20
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE 1 CONSTRUCTION DETAILS STA 1191+00 TO STA 12+00</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

SCALE: 20 SHEET 2 OF 5 SHEETS STA. TO STA.



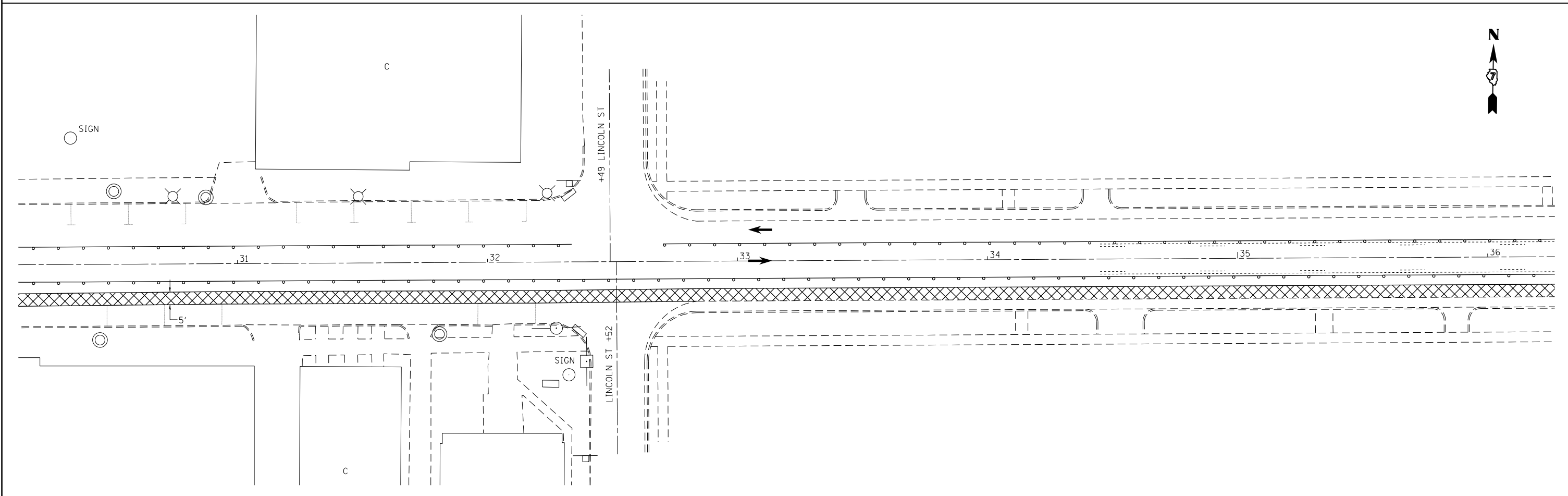
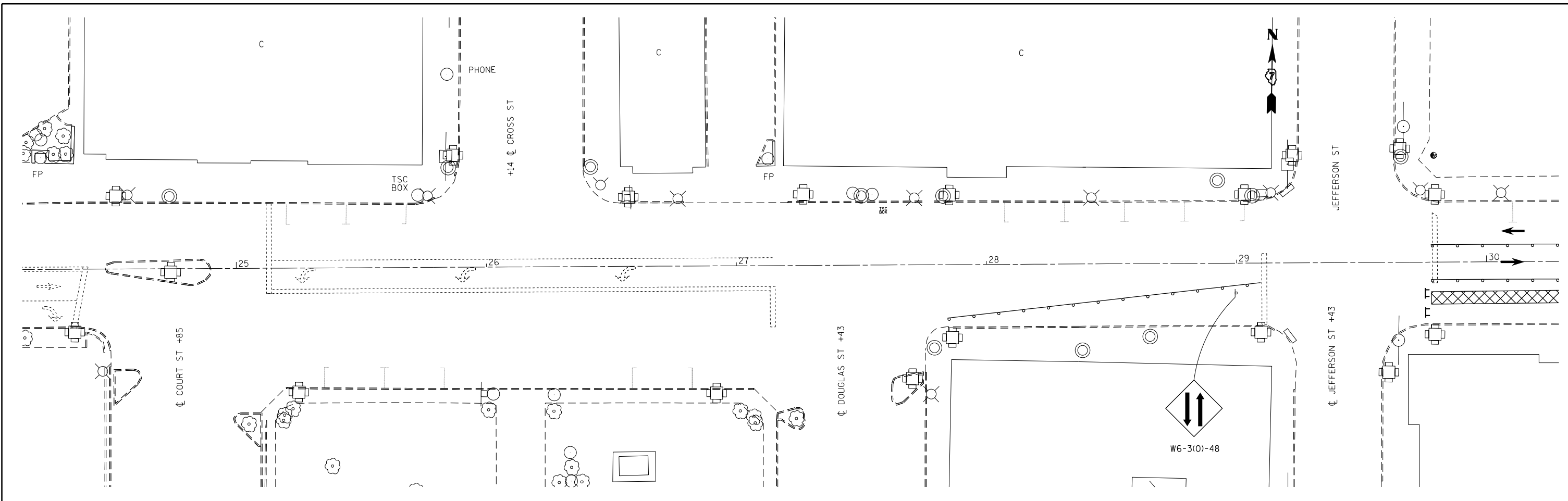
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	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 CONSTRUCTION DETAILS  
STA 12+00 TO STA 24+00**

SCALE: 20      SHEET 3 OF 5 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,17)RS-1	CRAWFORD	60	22
CONTRACT NO. 74554				
ILLINOIS FED. AID PROJECT				



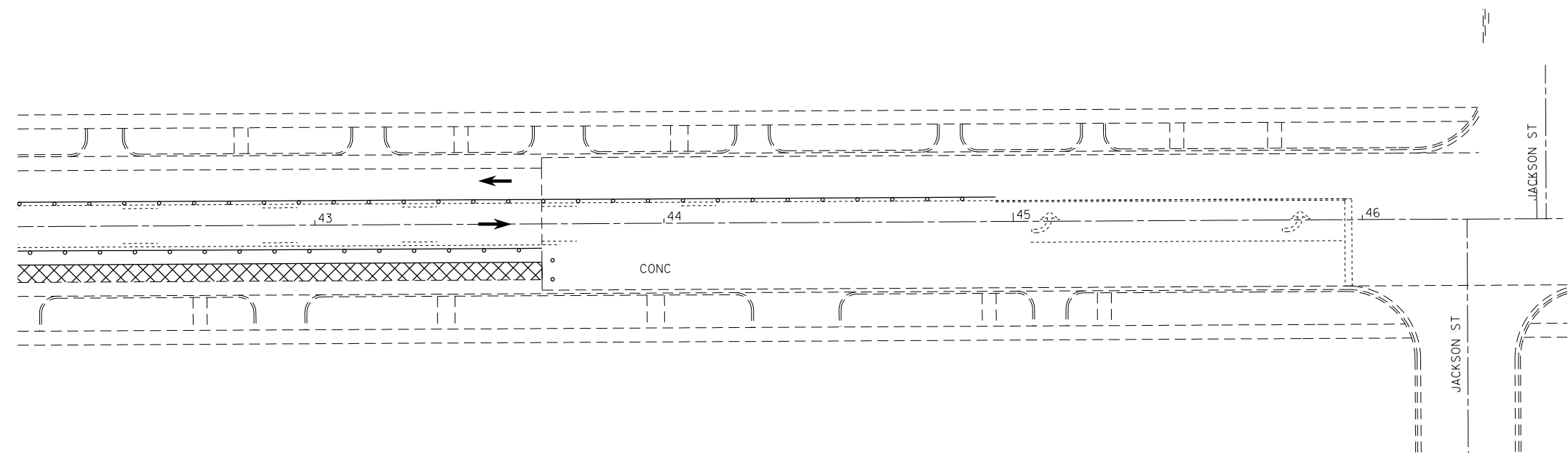
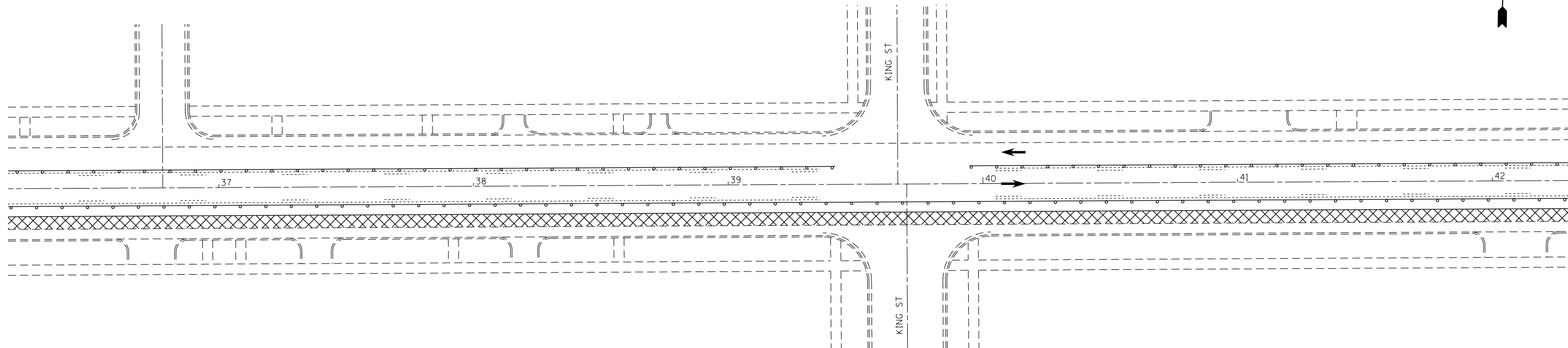
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	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 CONSTRUCTION DETAILS  
STA 24+00 TO STA 36+00**

SCALE: 20      SHEET 4 OF 5 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	23
			CONTRACT NO. 74554	
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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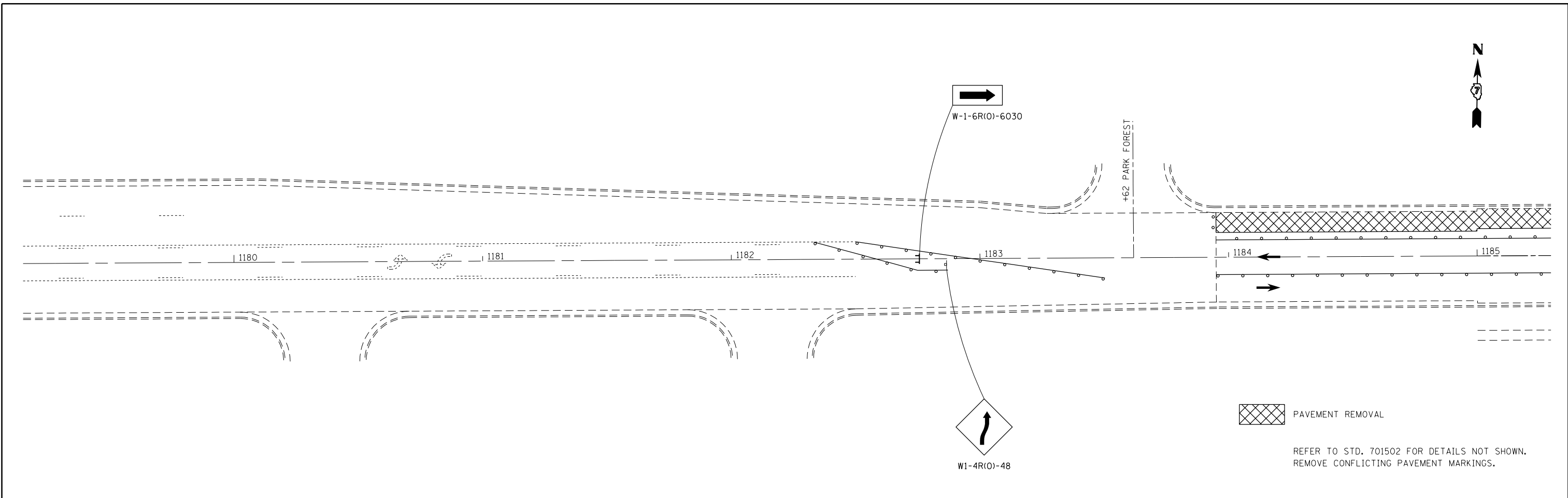
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 CONSTRUCTION DETAILS  
STA 36+00 TO STA 46+00**

SCALE: 20 SHEET 5 OF 5 SHEETS STA. TO STA.

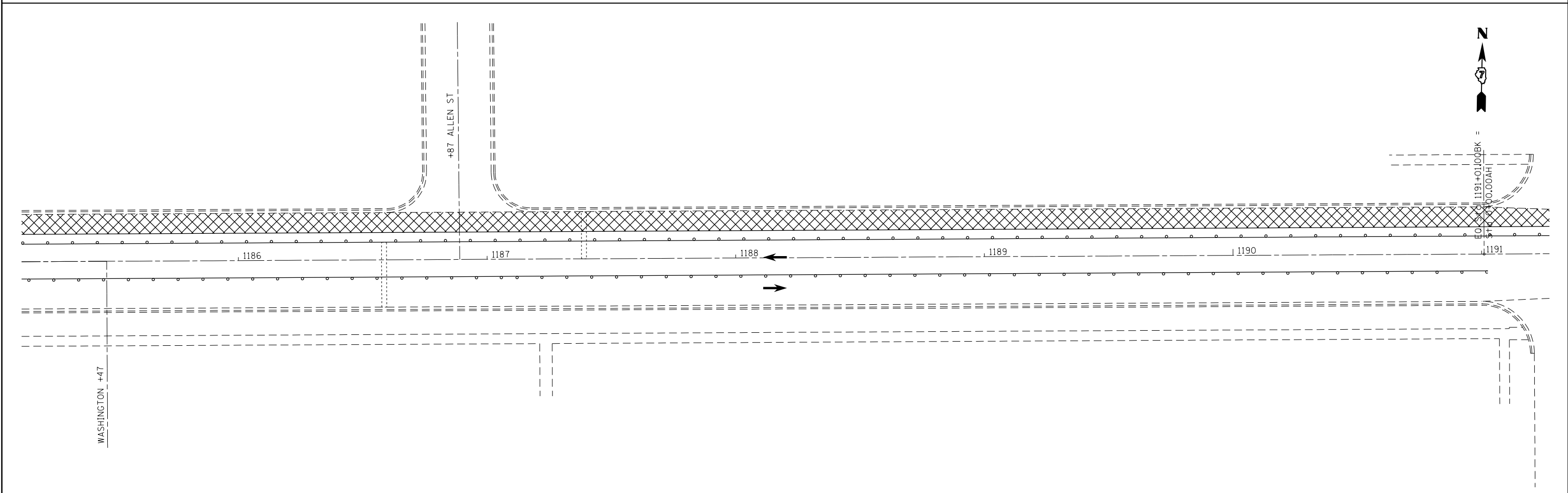
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781	(1Z,17Z)RS-1	CRAWFORD	60	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	





 PAVEMENT REMOVAL

REFER TO STD. 701502 FOR DETAILS NOT SHOWN.  
REMOVE CONFLICTING PAVEMENT MARKINGS.



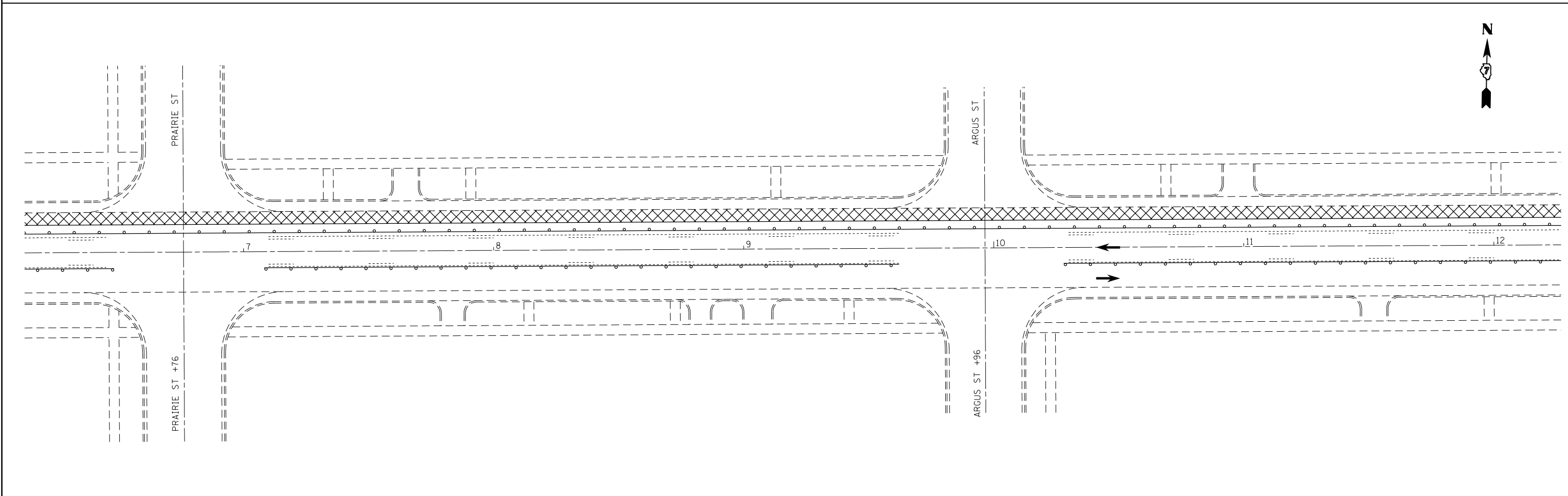
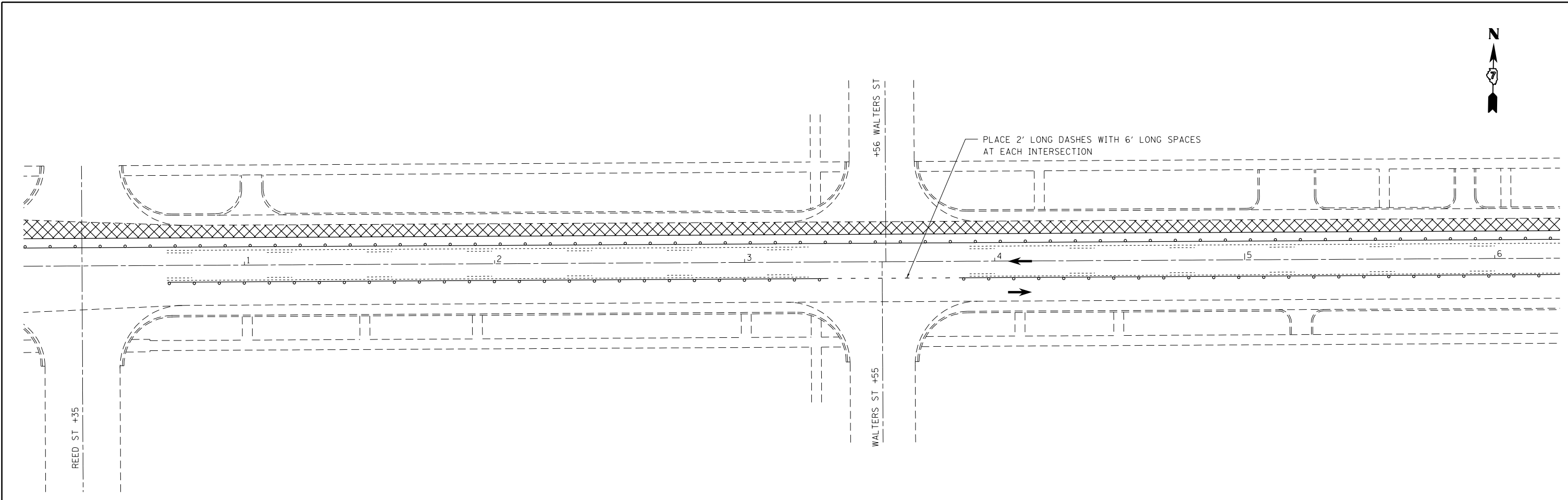
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	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 CONSTRUCTION DETAILS  
STA 1179+00 TO STA 1191+00**

SCALE: 20      SHEET 1 OF 5 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	25
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



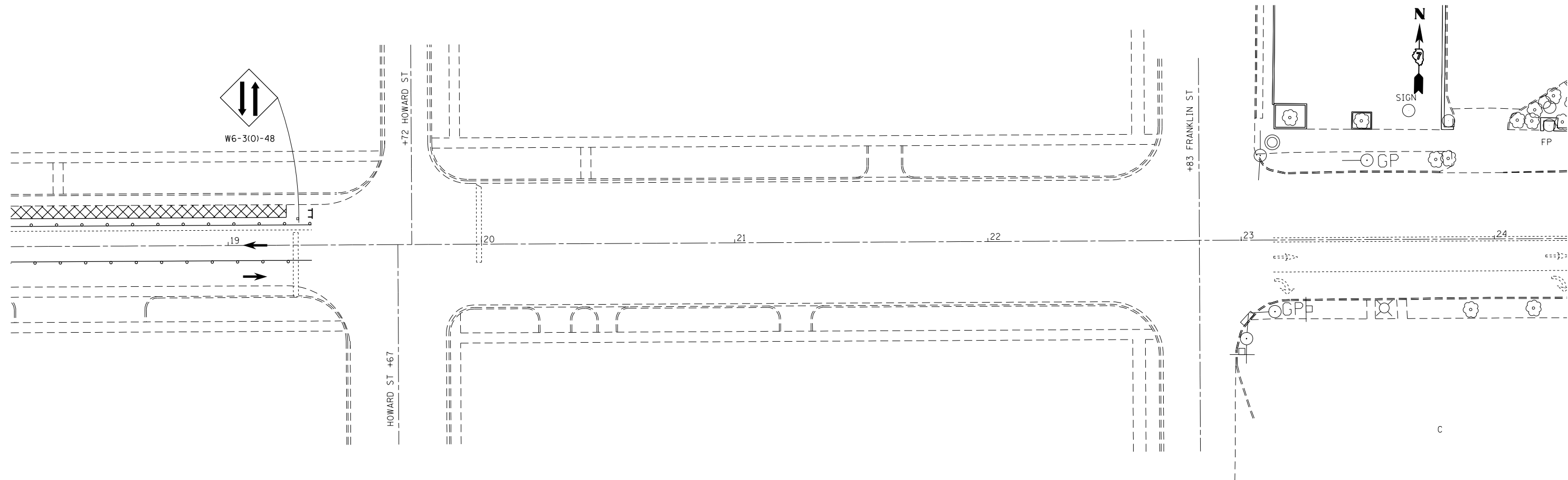
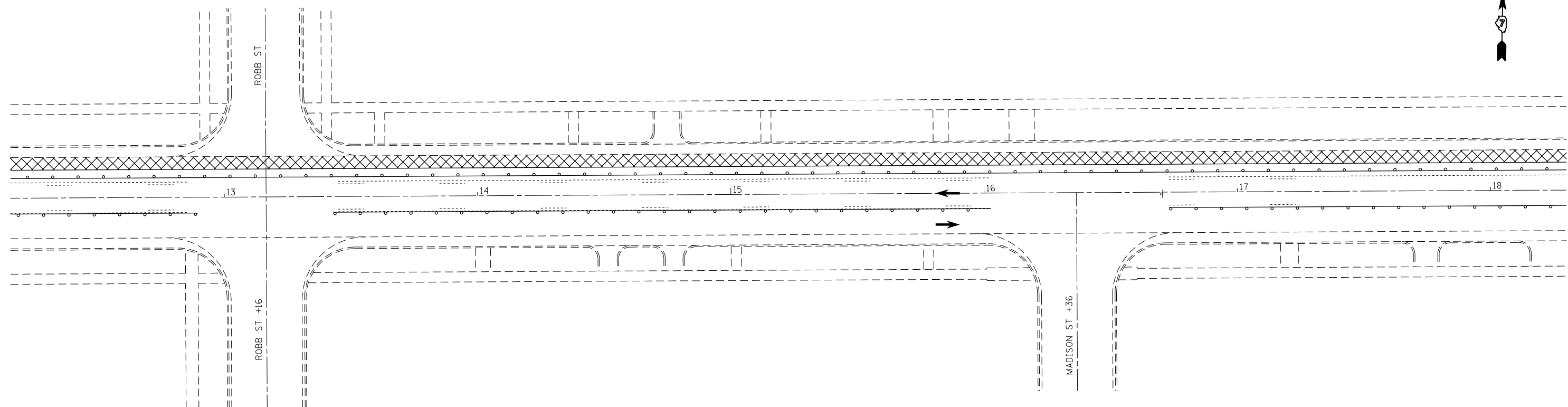
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 CONSTRUCTION DETAILS  
STA 1191+00 TO STA 12+00**

SCALE: 20 SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	26
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



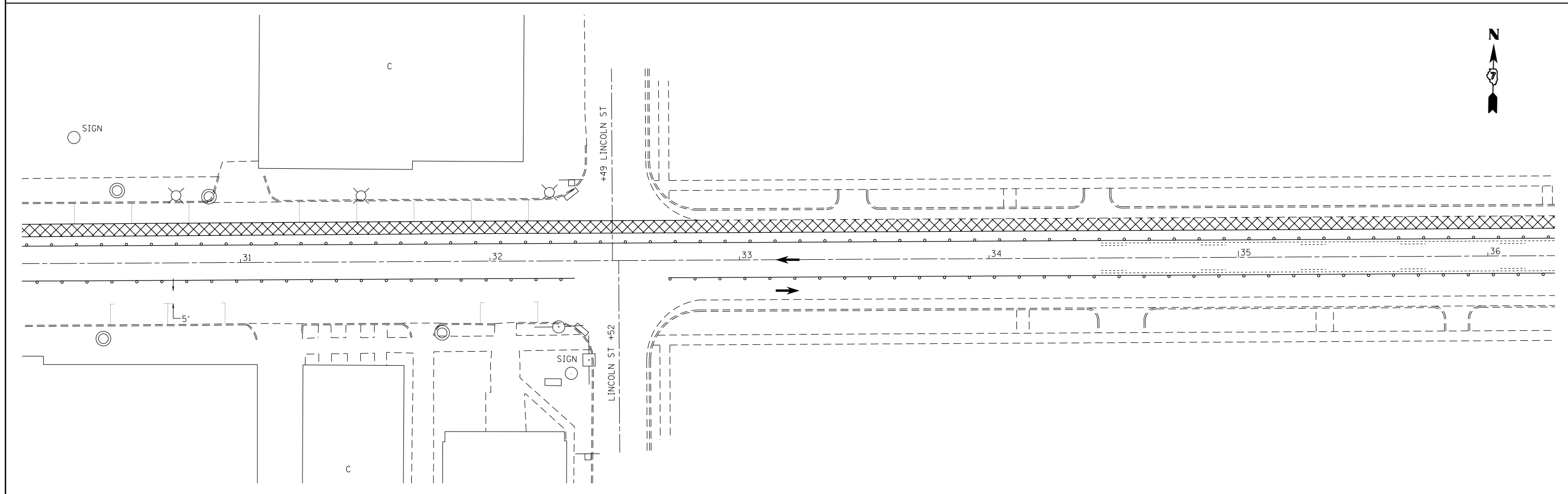
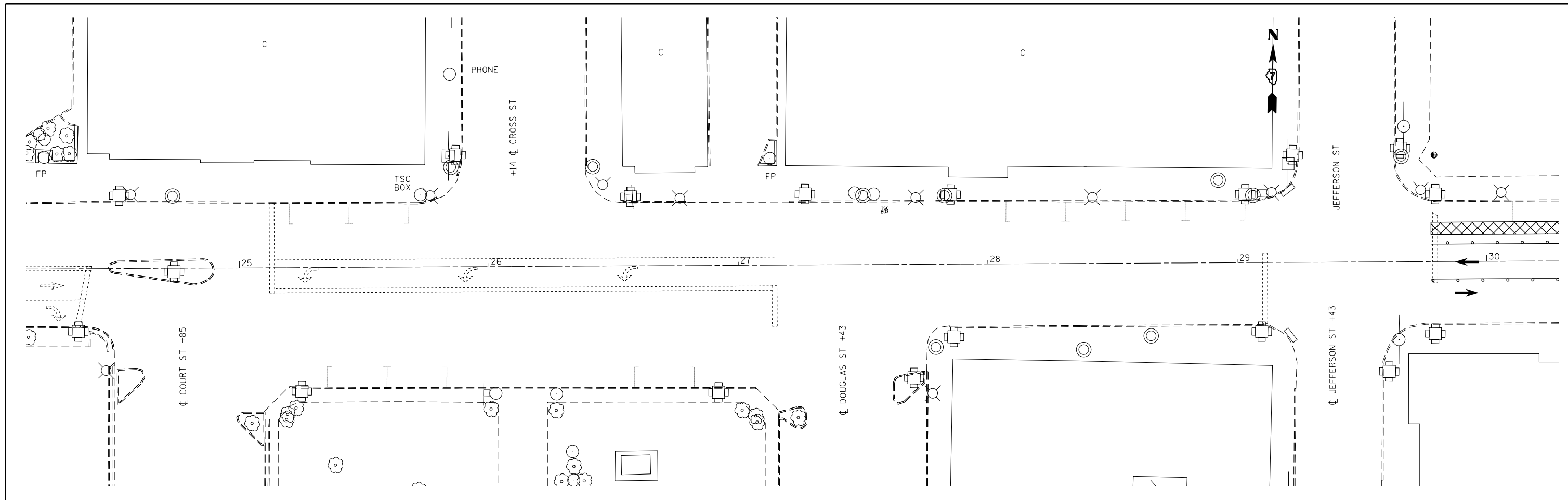
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	PLOT DATE = 4/8/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 CONSTRUCTION DETAILS  
STA 12+00 TO STA 24+00**

SCALE: 20      SHEET 3 OF 5 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,17)RS-1	CRAWFORD	60	27
CONTRACT NO. 74554				
ILLINOIS FED. AID PROJECT				



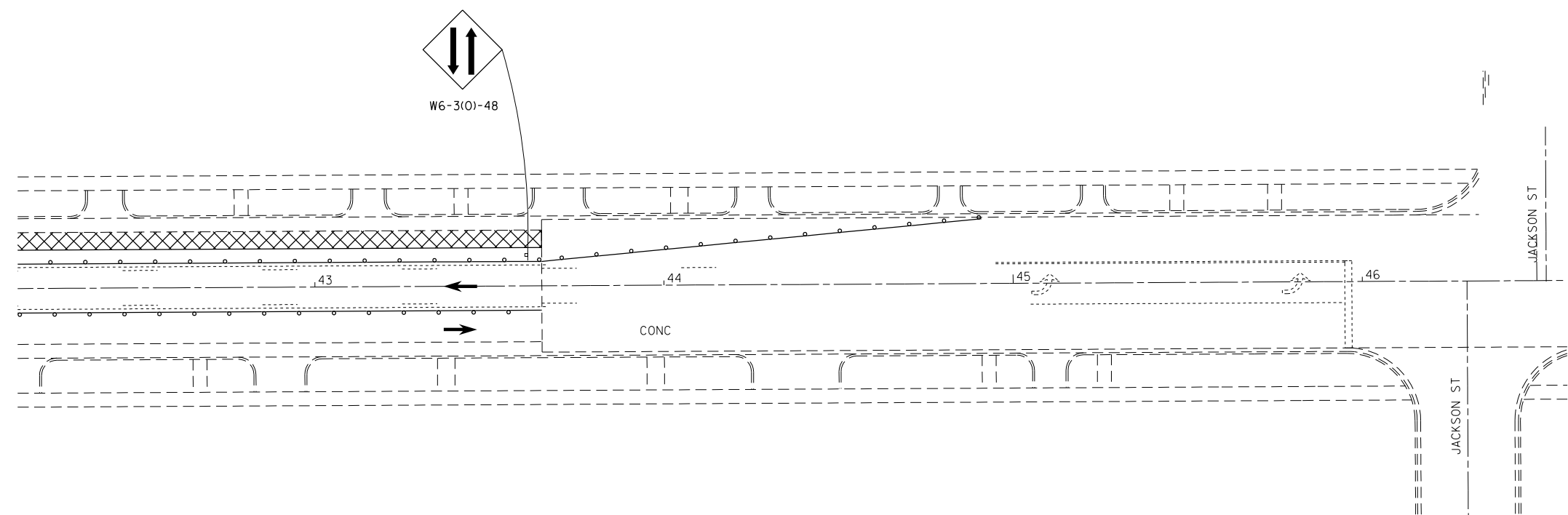
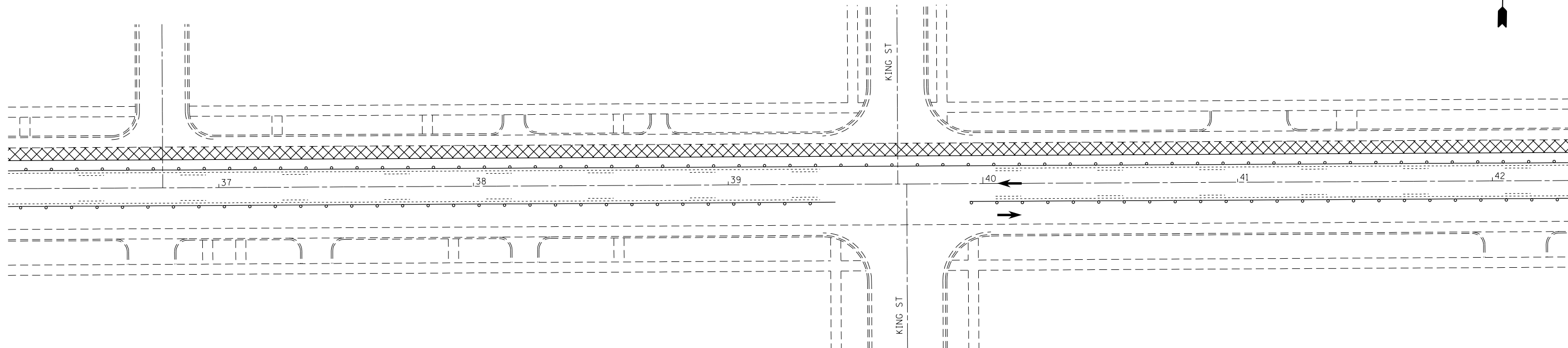
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	PLOT DATE = 4/8/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 CONSTRUCTION DETAILS  
STA 24+00 TO STA 36+00**

SCALE: 20 SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	



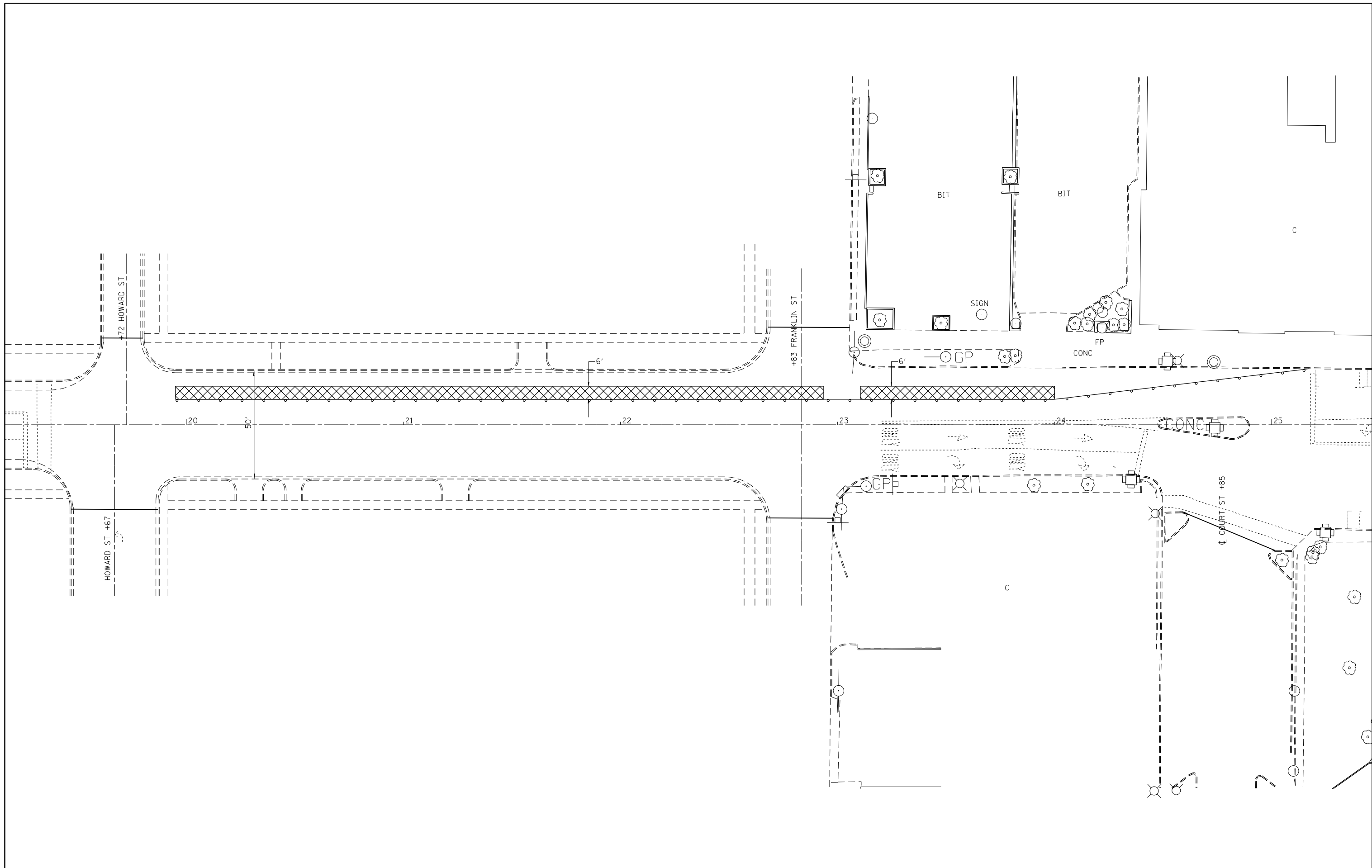
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	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 CONSTRUCTION DETAILS  
STA 36+00 TO STA 46+00**

SCALE: 20      SHEET 5 OF 5 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	



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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STAGE 3 CONSTRUCTION  
HOWARD ST TO COURT ST**

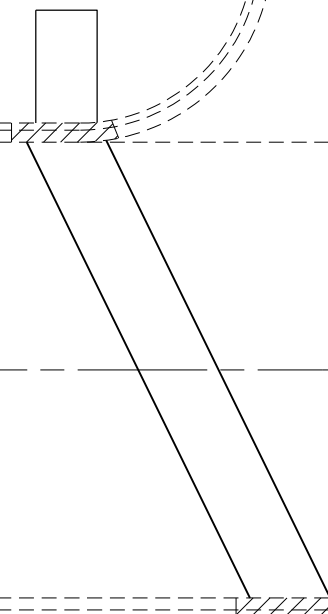
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	30
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.




+87 ALLEN ST

CONSTRUCT PERPENDICULAR  
CURB RAMP IN ACCORDANCE  
WITH STANDARD 424001



1187

CONSTRUCT PERPENDICULAR  
MID-BLOCK CURB RAMP IN  
ACCORDANCE WITH STANDARD 424016

 COMB. C & G REMOVAL

NOTE: LOCATE SIDEWALK TO BE WITHIN  
REACH OF PEDESTRIAN PUSH BUTTONS

ALLEN & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)								
CURB REMOVAL (FOOT)								
COMB. CURB & GUTTER REMOVAL (FOOT)		8				8		
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)		8				8		
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)		60				50		
PCC SIDEWALK 4" (SQ FT)								
DETECTABLE WARNINGS (SQ FT)		8				8		

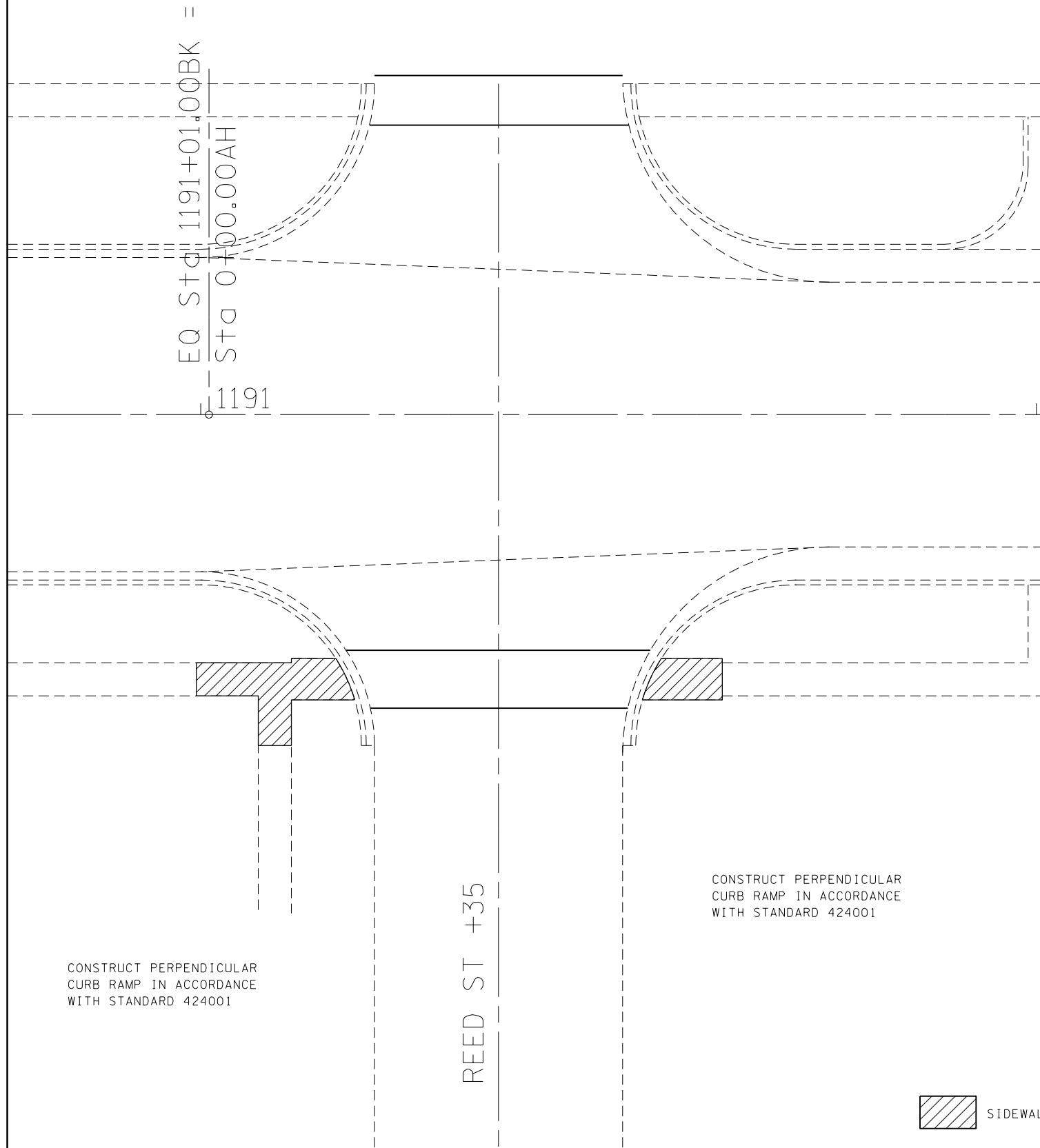
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Default	PLOT SCALE = 16.0000' / in.	CHECKED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS  
ALLEN STREET

SCALE: SHEET 1 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	



REED & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)						93		39
CURB REMOVAL (FOOT)						0.2		0.2
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)						93		39
DETECTABLE WARNINGS (SQ FT)						8		8



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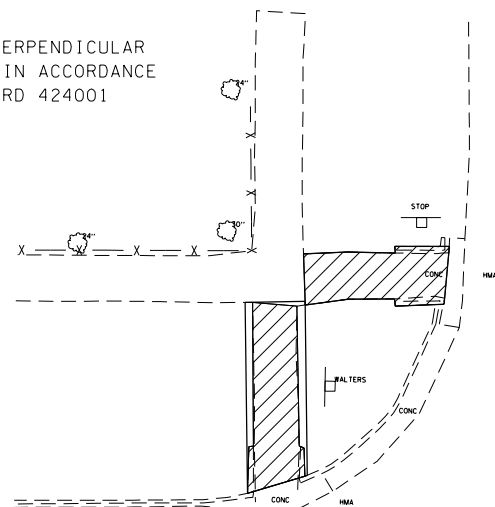
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIDEWALK DETAILS REED STREET</b>			
SCALE:	SHEET 2	OF 15 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	

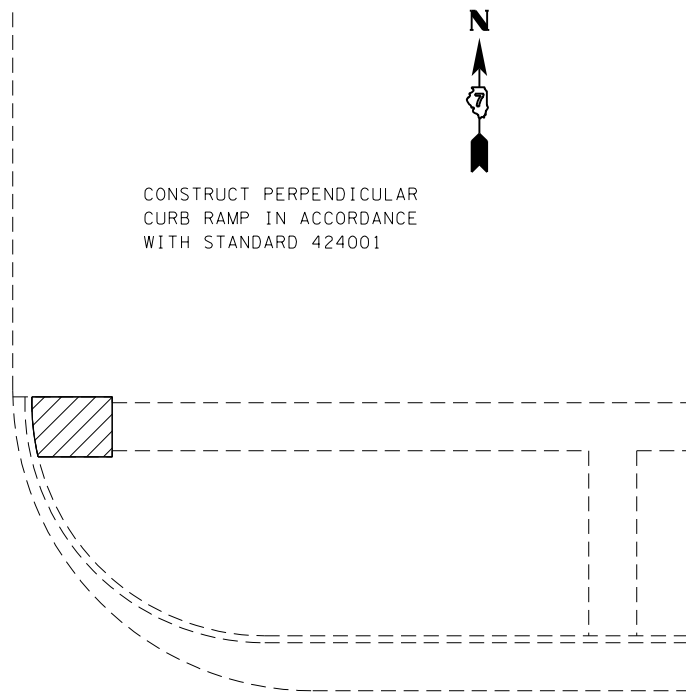


CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001

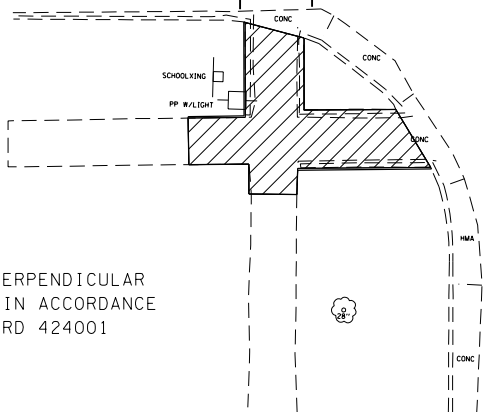


+56 WALTERS ST

CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001

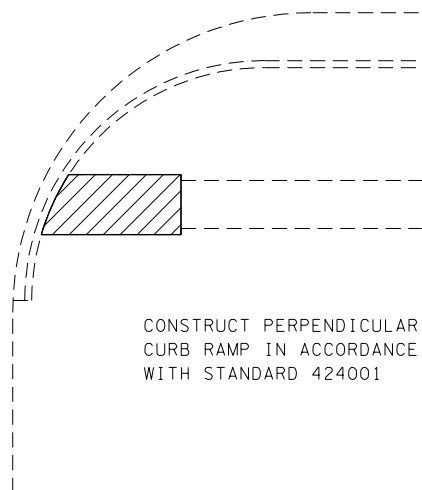


ADD CROSSWALK



WALTERS ST +55

CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001



WALTERS & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	60	50		34	128			51
CURB REMOVAL (FOOT)	0.2			0.1				0.1
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)	76	57		34	131			51
DETECTABLE WARNINGS (SQ FT)	8	8		8	16			8

SIDEWALK REMOVAL

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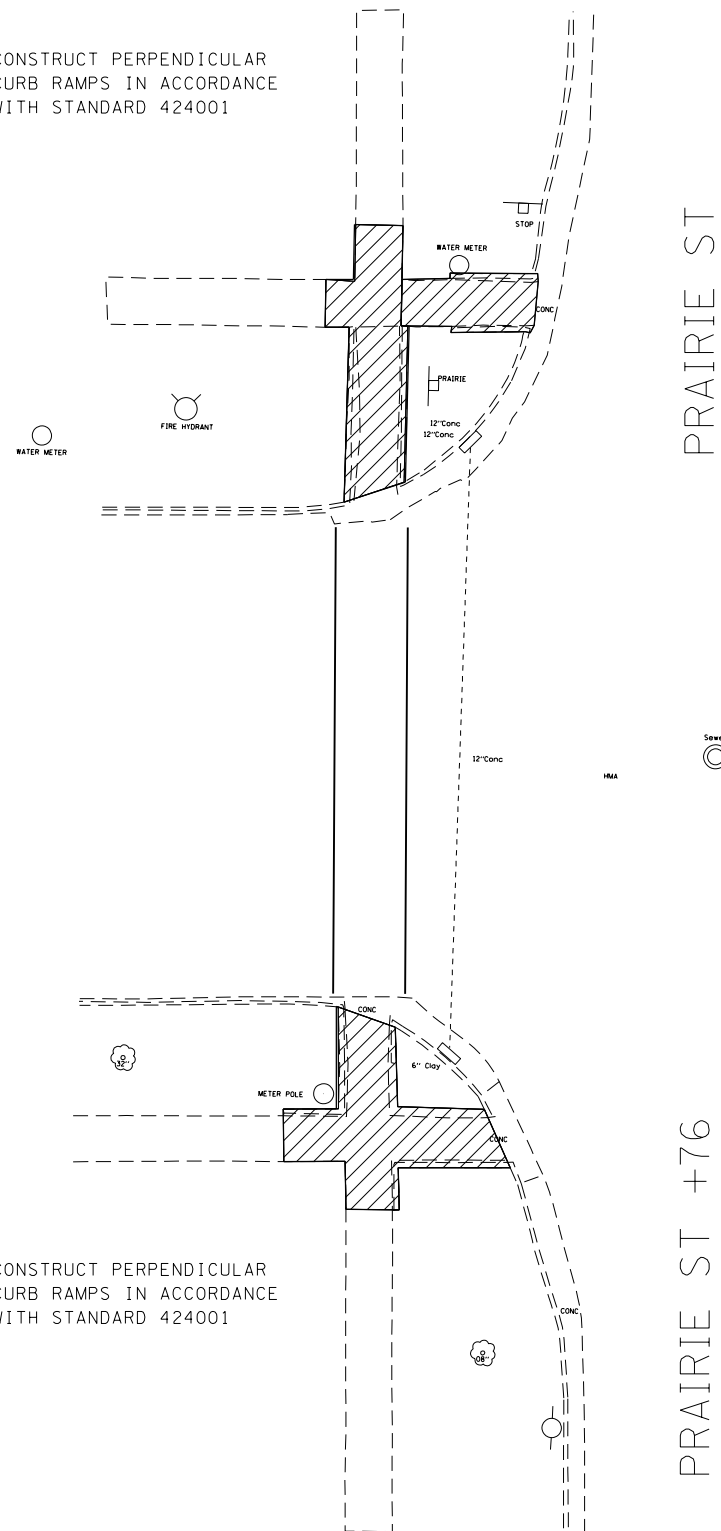
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS  
WALTERS STREET

SCALE: SHEET 3 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,172)RS-1	CRAWFORD	60	33
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001

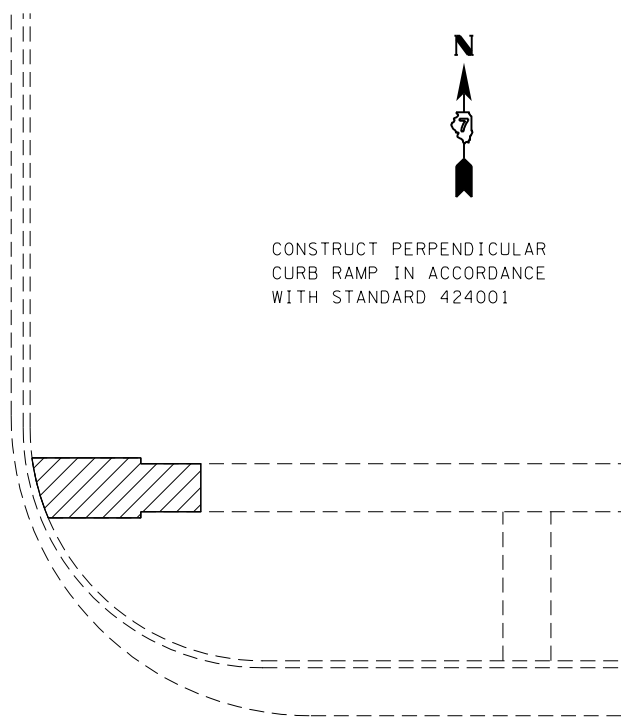


CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001

PRAIRIE ST

PRAIRIE ST +76

CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001



CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001



PAY ITEM (UNIT)	PRAIRIE & MAIN							
	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	111	49		73	138			42
CURB REMOVAL (FOOT)		0.1			0.2	0.2		0.1
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)	113	53		73	139			42
DETECTABLE WARNINGS (SQ FT)	8	8		8	16			8

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

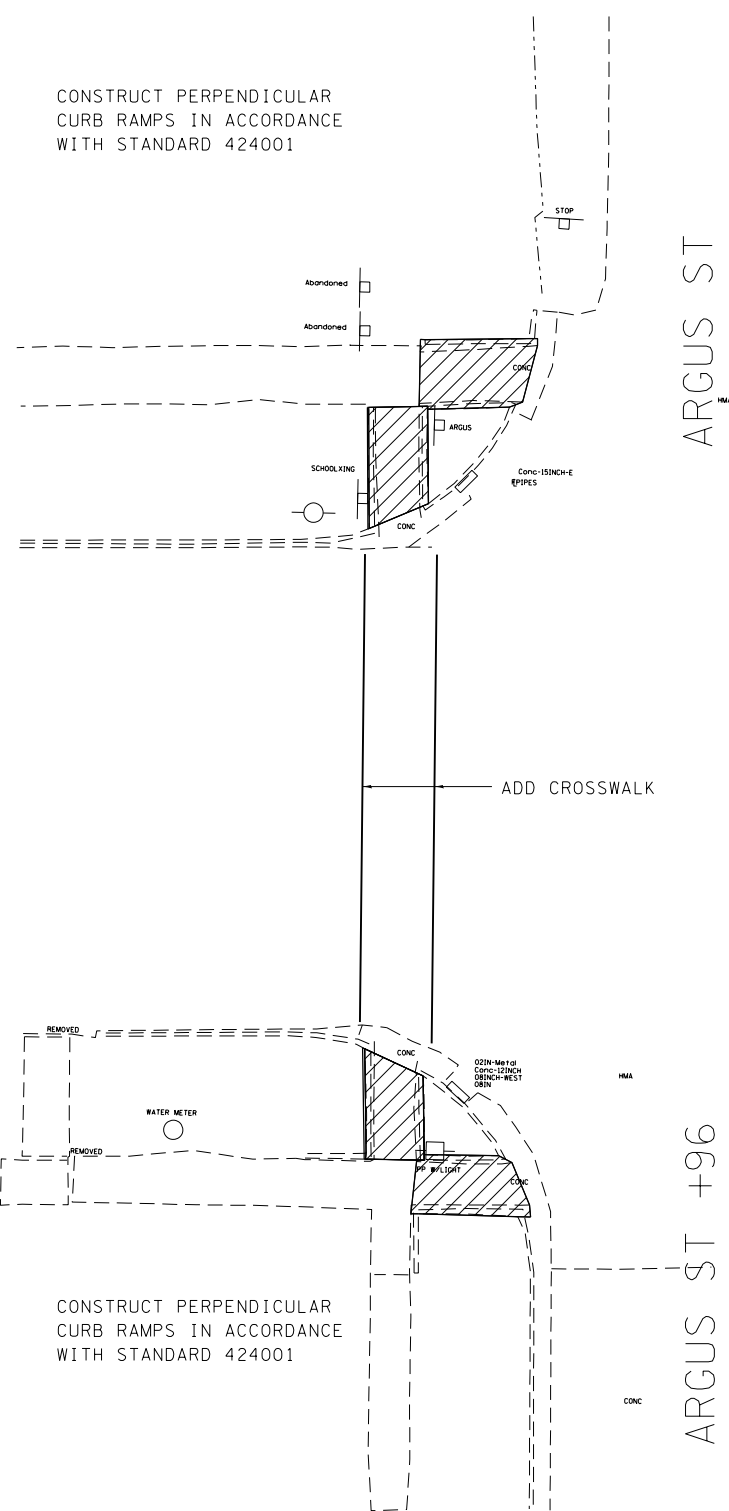
SIDEWALK DETAILS  
PRAIRIE STREET

SCALE: SHEET 4 OF 15 SHEETS STA. TO STA.

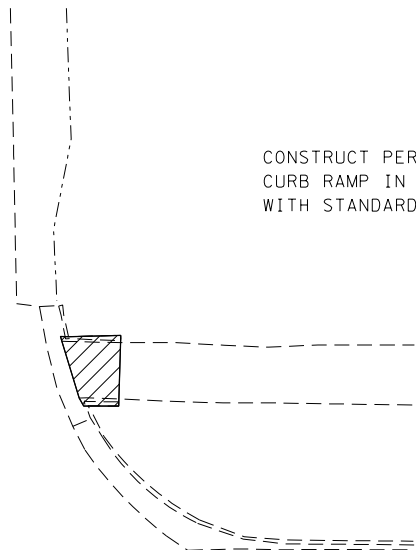
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	34
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001

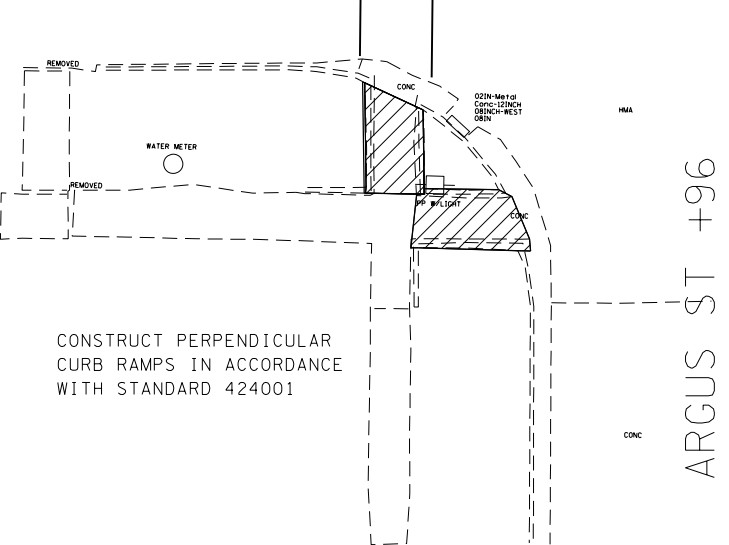


CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001

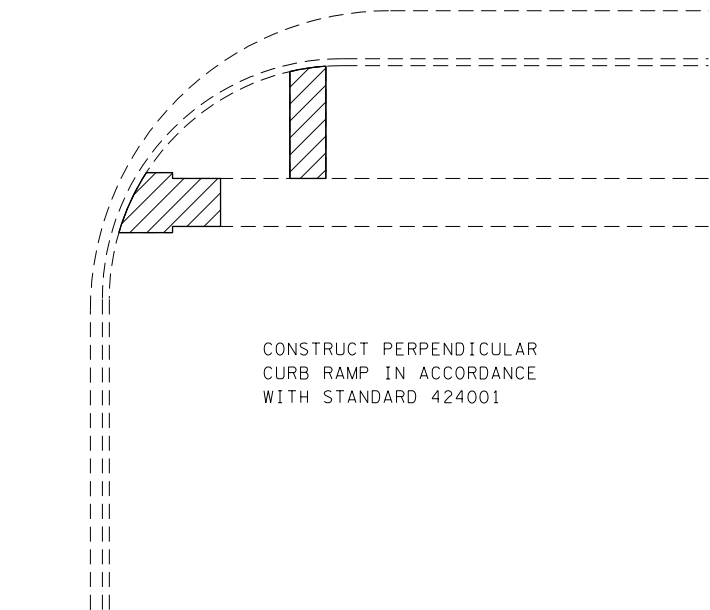


PAY ITEM (UNIT)	ARGUS & MAIN							
	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	45	49		21	39	39		58
CURB REMOVAL (FOOT)					0.2	0.2		
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)	46	49		21	41	39		33
DETECTABLE WARNINGS (SQ FT)	8	8		8	8	8		8

CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001



CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001



SIDEWALK REMOVAL

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

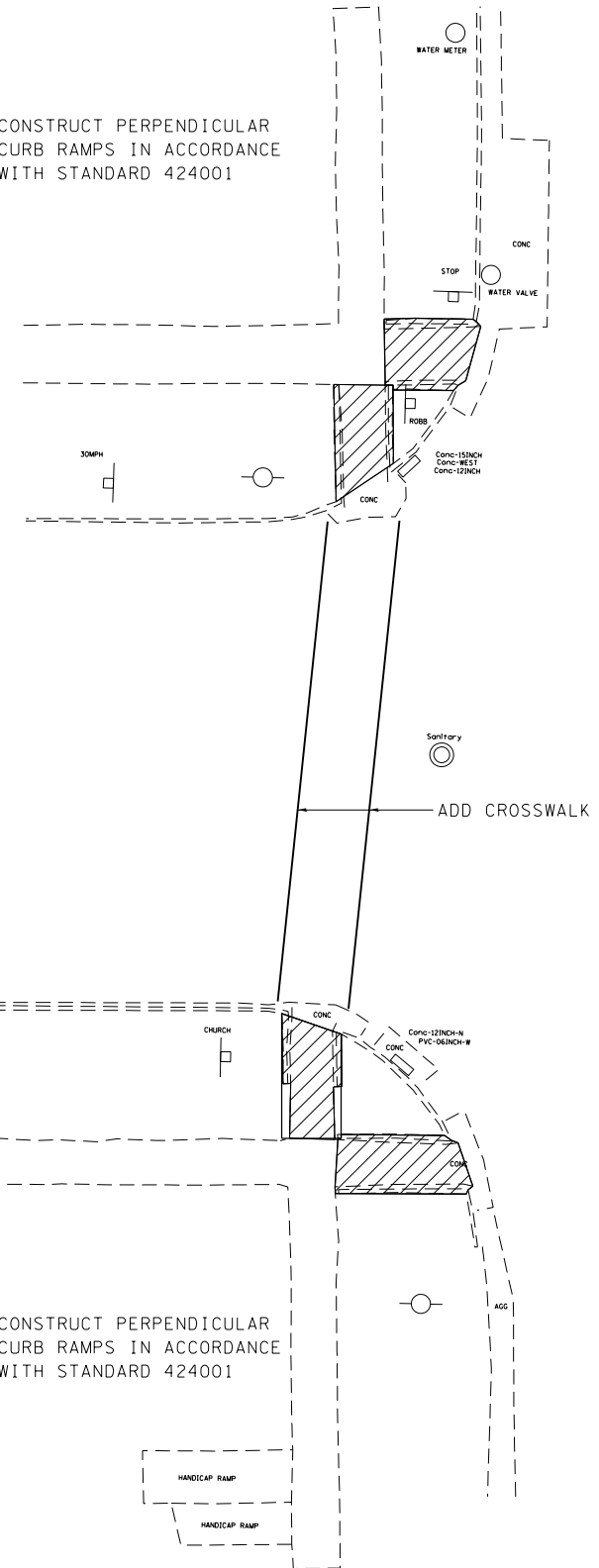
**SIDEWALK DETAILS  
ARGUS STREET**

SCALE: SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	35
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

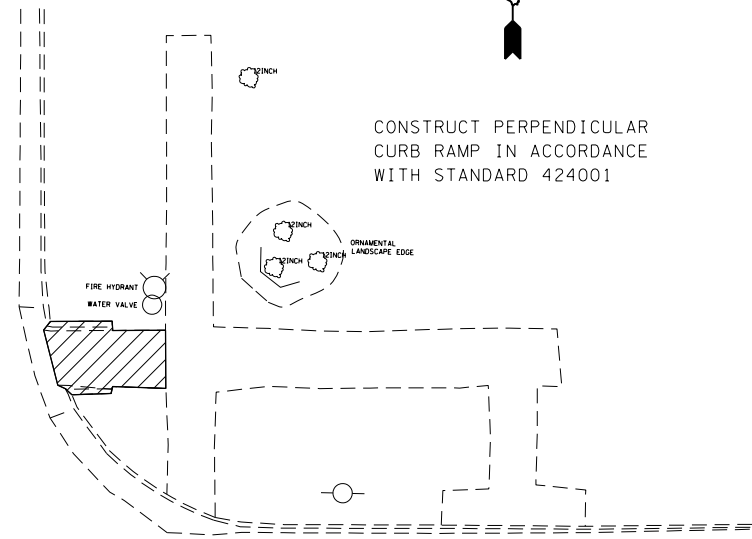


CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001



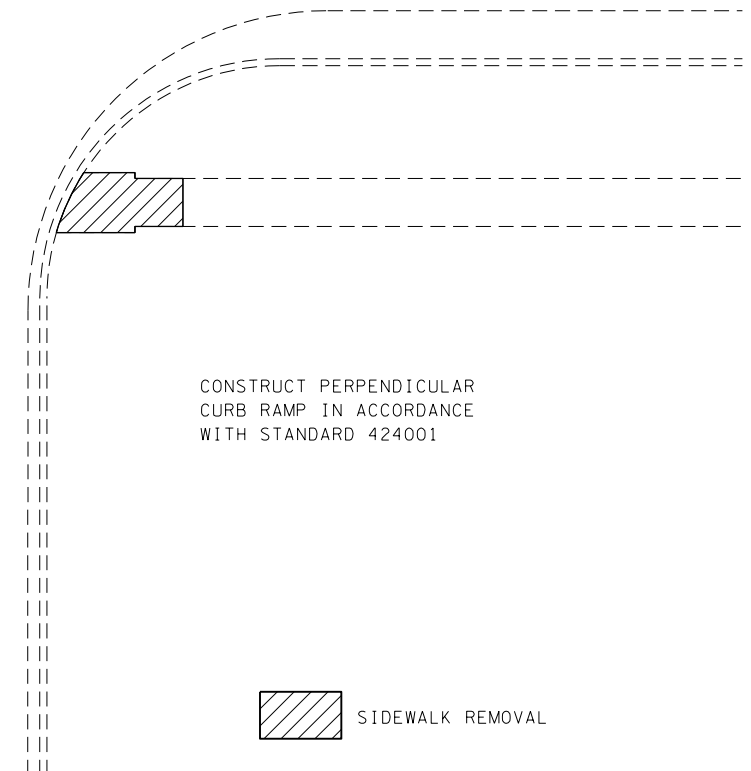
ROBB ST

CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001



ROBB ST +16

CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001



SIDEWALK REMOVAL

PAY ITEM (UNIT)	ROBB & MAIN							
	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	41	41		49	42	51		43
CURB REMOVAL (FOOT)	0.1				0.1	0.2		
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)	42	41		54	48	51		43
DETECTABLE WARNINGS (SQ FT)	8	8		8	8	8		8

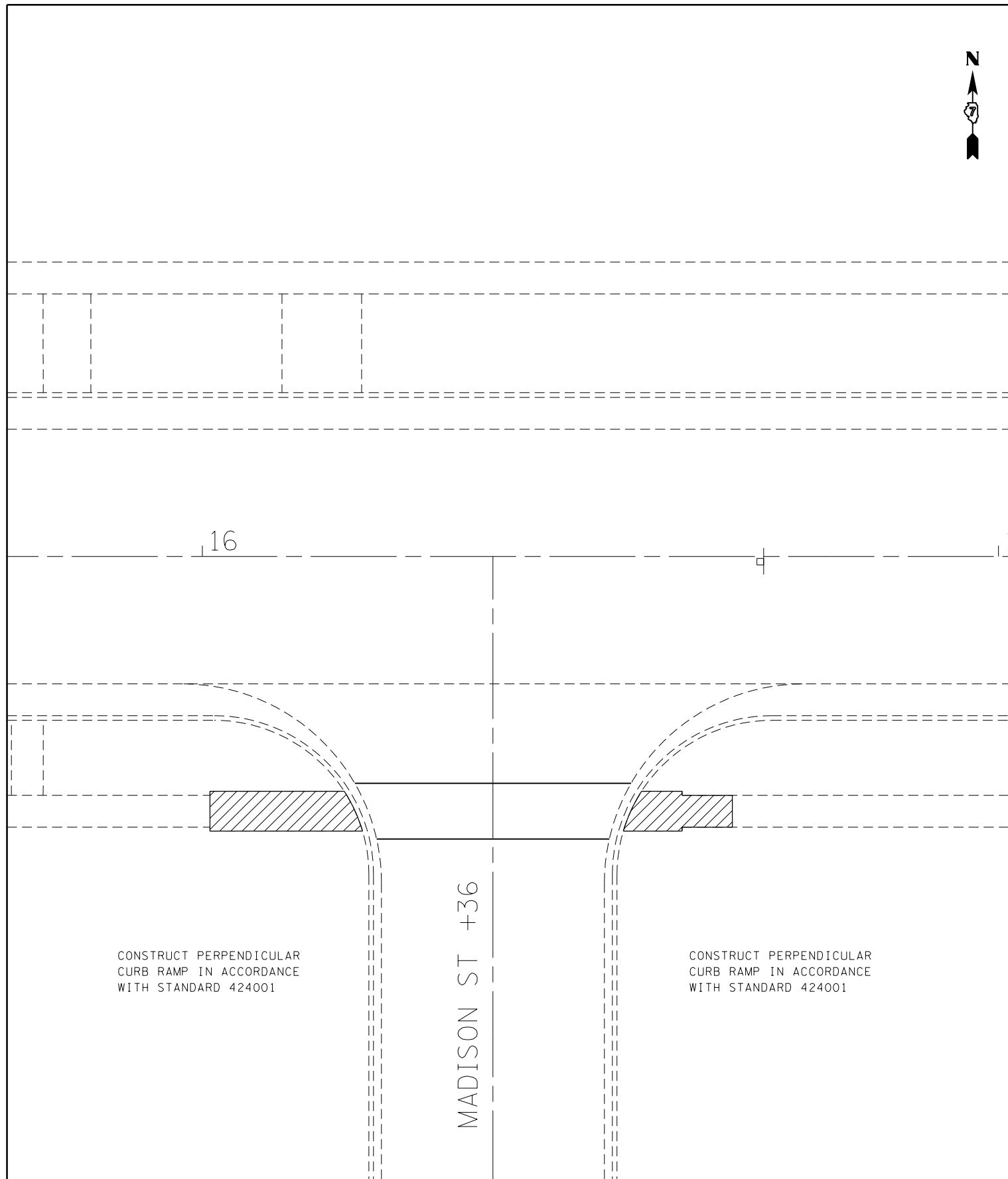
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Default	PLOT SCALE = 16.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS  
ROBB STREET**

SCALE: SHEET 6 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,172)RS-1	CRAWFORD	60	36
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



MADISON & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)						91		65
CURB REMOVAL (FOOT)						0.1		
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)						91		65
DETECTABLE WARNINGS (SQ FT)						8		8



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	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS  
MADISON STREET**

SCALE: SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	

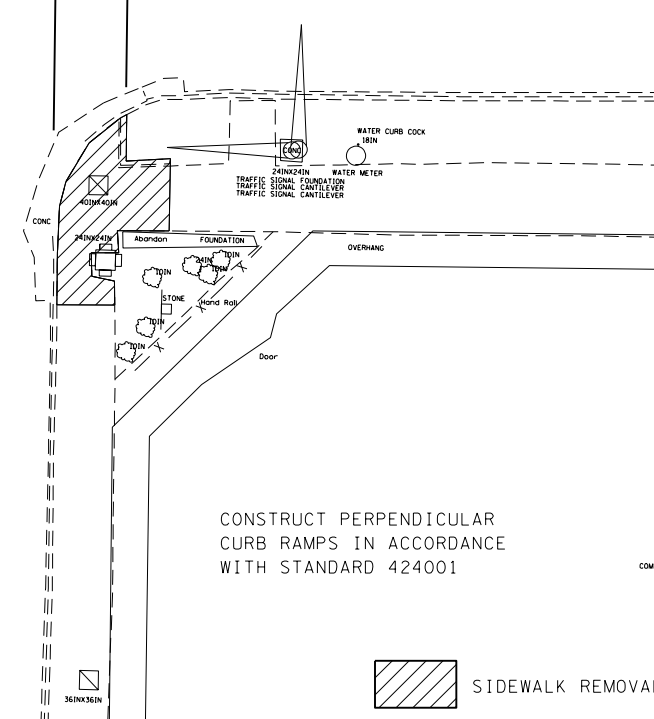
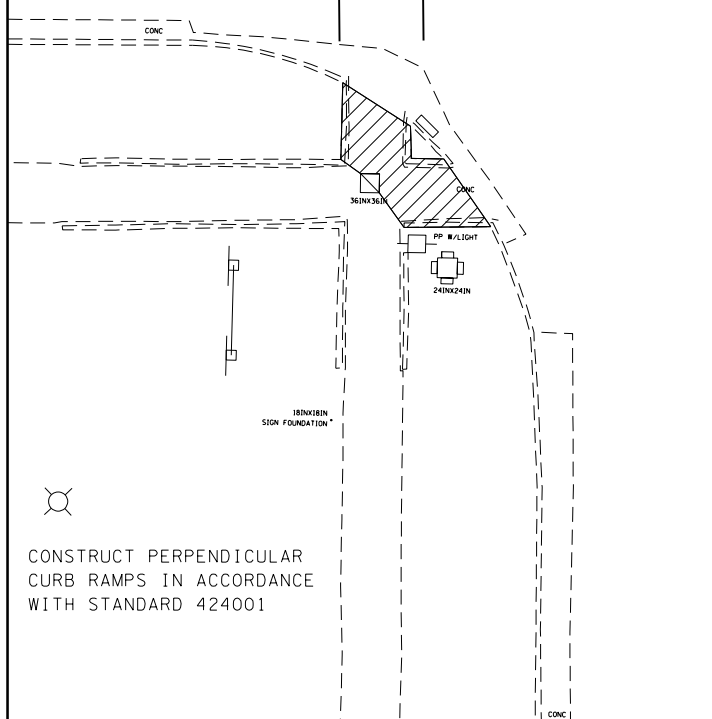
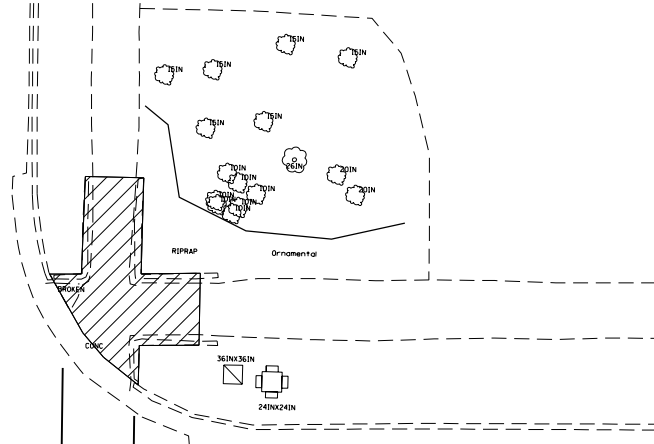
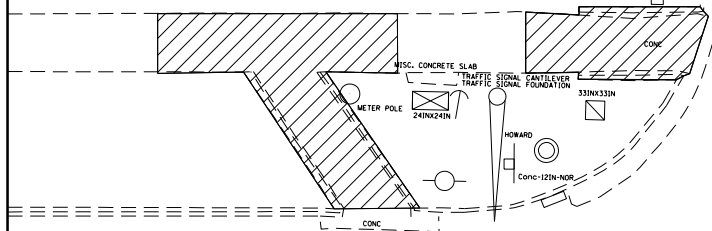


CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001

+72 HOWARD ST

CONSTRUCT DIAGONAL CURB RAMP IN ACCORDANCE WITH STANDARD 424006

HOWARD ST +67



CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001



HOWARD & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	178	83	111		68		87	
CURB REMOVAL (FOOT)								
COMB. CURB & GUTTER REMOVAL (FOOT)			12		27		20	
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)			12		27		20	
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)	178	83	111		16		87	
DETECTABLE WARNINGS (SQ FT)	8	10	8		16		16	
INLET TO BE ADJUSTED (EACH)					1			

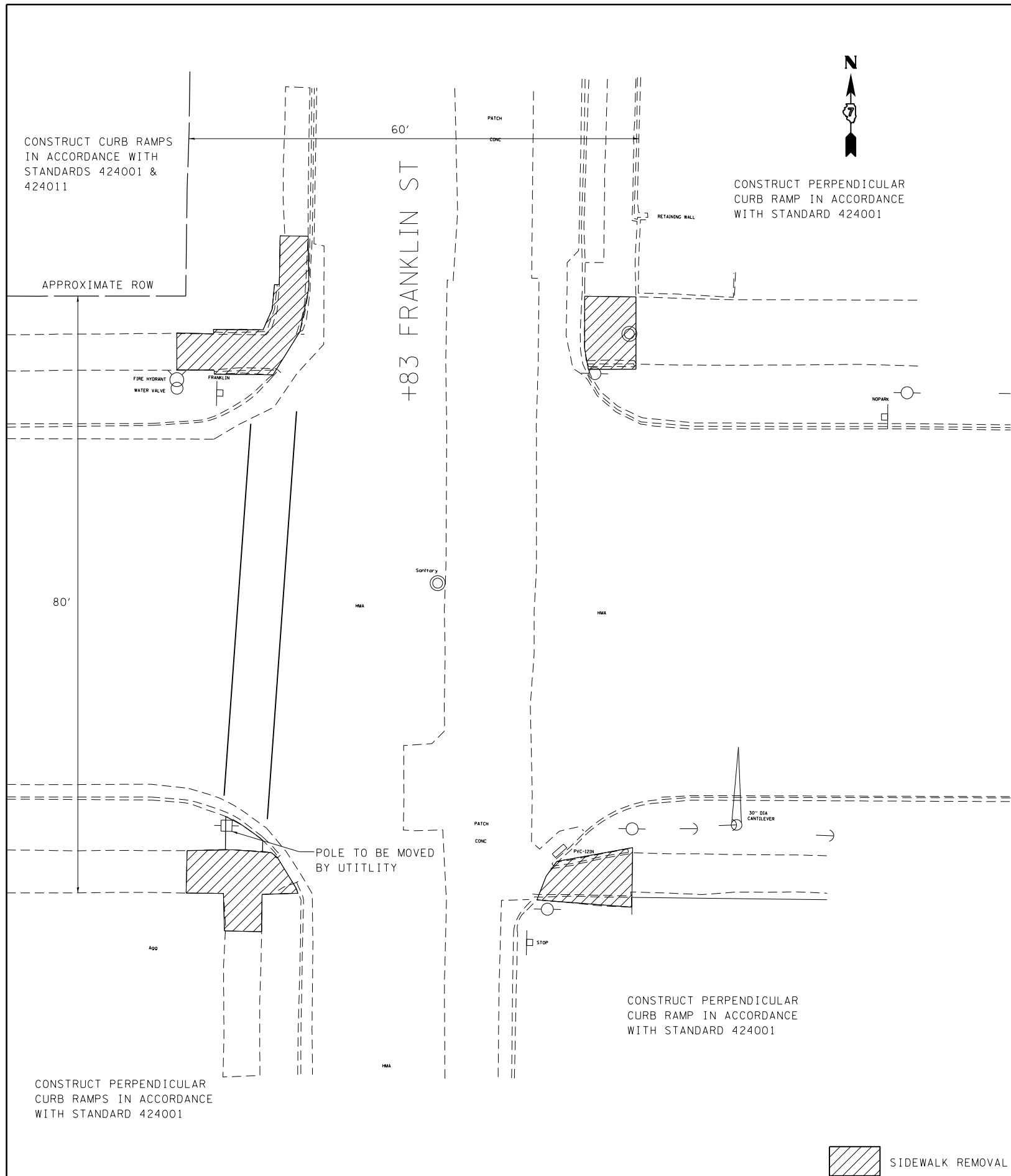
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Default	PLOT SCALE = 16.0000 / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS  
HOWARD STREET

SCALE: SHEET OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	38
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



FRANKLIN & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	136			66	102			76
CURB REMOVAL (FOOT)								0.1
COMB. CURB & GUTTER REMOVAL (FOOT)				16	18			
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)				16				
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)	16			16				
PCC SIDEWALK 4" (SQ FT)	142			66	118			76
DETECTABLE WARNINGS (SQ FT)	8			18	16			8

 SIDEWALK REMOVAL

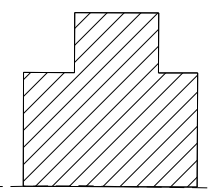
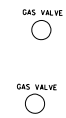
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	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

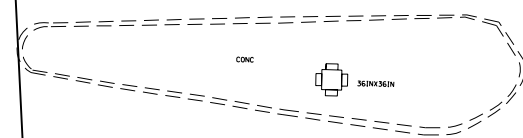
<b>SIDEWALK DETAILS FRANKLIN STREET</b>			
SCALE:	SHEET 9	OF 15 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	39
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

CONSTRUCT PERPENDICULAR  
MID-BLOCK CURB RAMP IN  
ACCORDANCE WITH STANDARD 424016

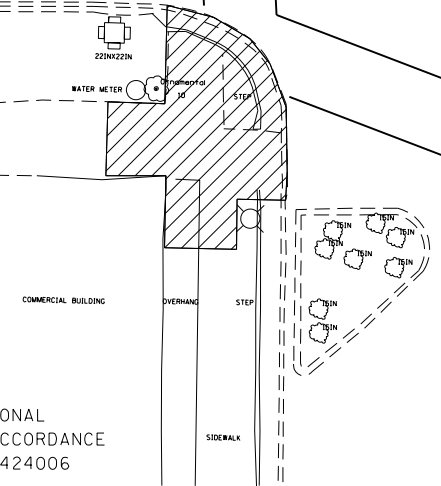


ADD CROSSWALK



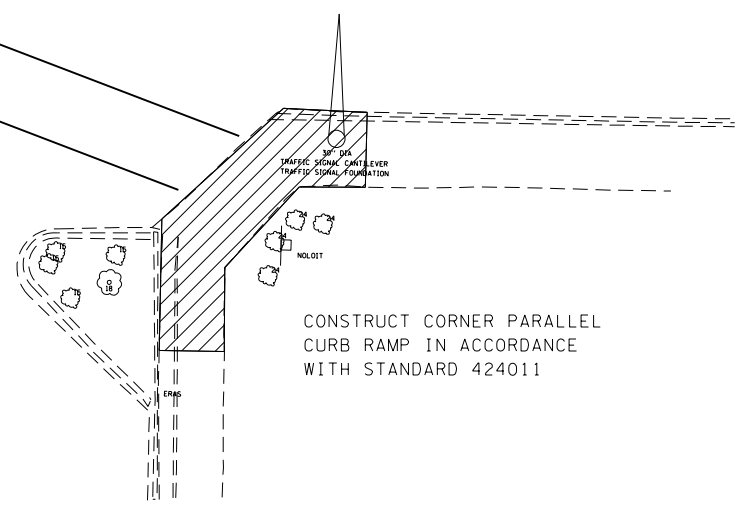
PAY ITEM (UNIT)	COURT & MAIN							
	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	173				194			157
CURB REMOVAL (FOOT)								
COMB. CURB & GUTTER REMOVAL (FOOT)	15							
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)	15							
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)	15							
PCC SIDEWALK 4" (SQ FT)	173				153			157
DETECTABLE WARNINGS (SQ FT)	8				8			8

CONSTRUCT DIAGONAL  
CURB RAMP IN ACCORDANCE  
WITH STANDARD 424006



ϕ COURT ST +85

CONSTRUCT CORNER PARALLEL  
CURB RAMP IN ACCORDANCE  
WITH STANDARD 424011



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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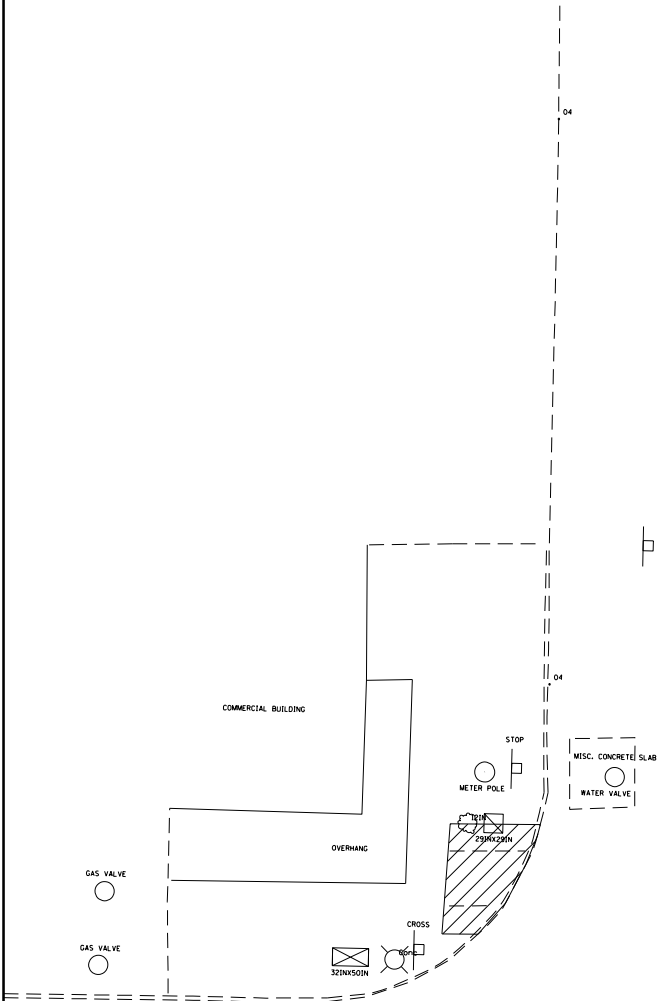
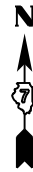
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS  
COURT STREET**

SCALE: SHEET 10 OF 15 SHEETS STA. TO STA.

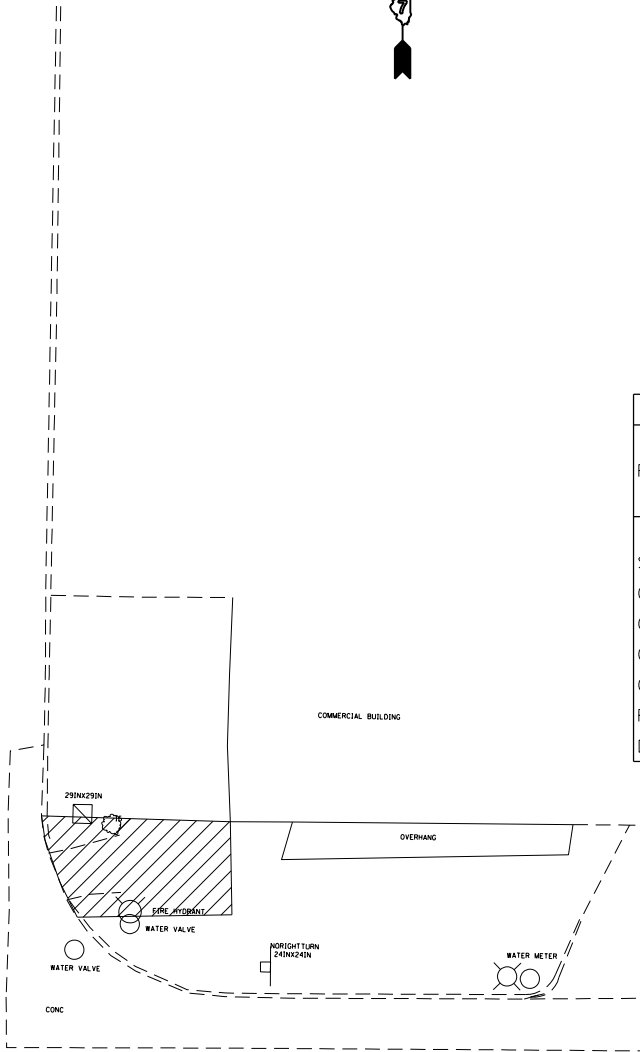
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	40
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	





CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001

+14' ± CROSS ST



CONSTRUCT PERPENDICULAR CURB RAMP IN ACCORDANCE WITH STANDARD 424001

PAY ITEM (UNIT)	CROSS & MAIN							
	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)								
CURB REMOVAL (FOOT)			53		118			
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)			53		118			
DETECTABLE WARNINGS (SQ FT)			8		8			



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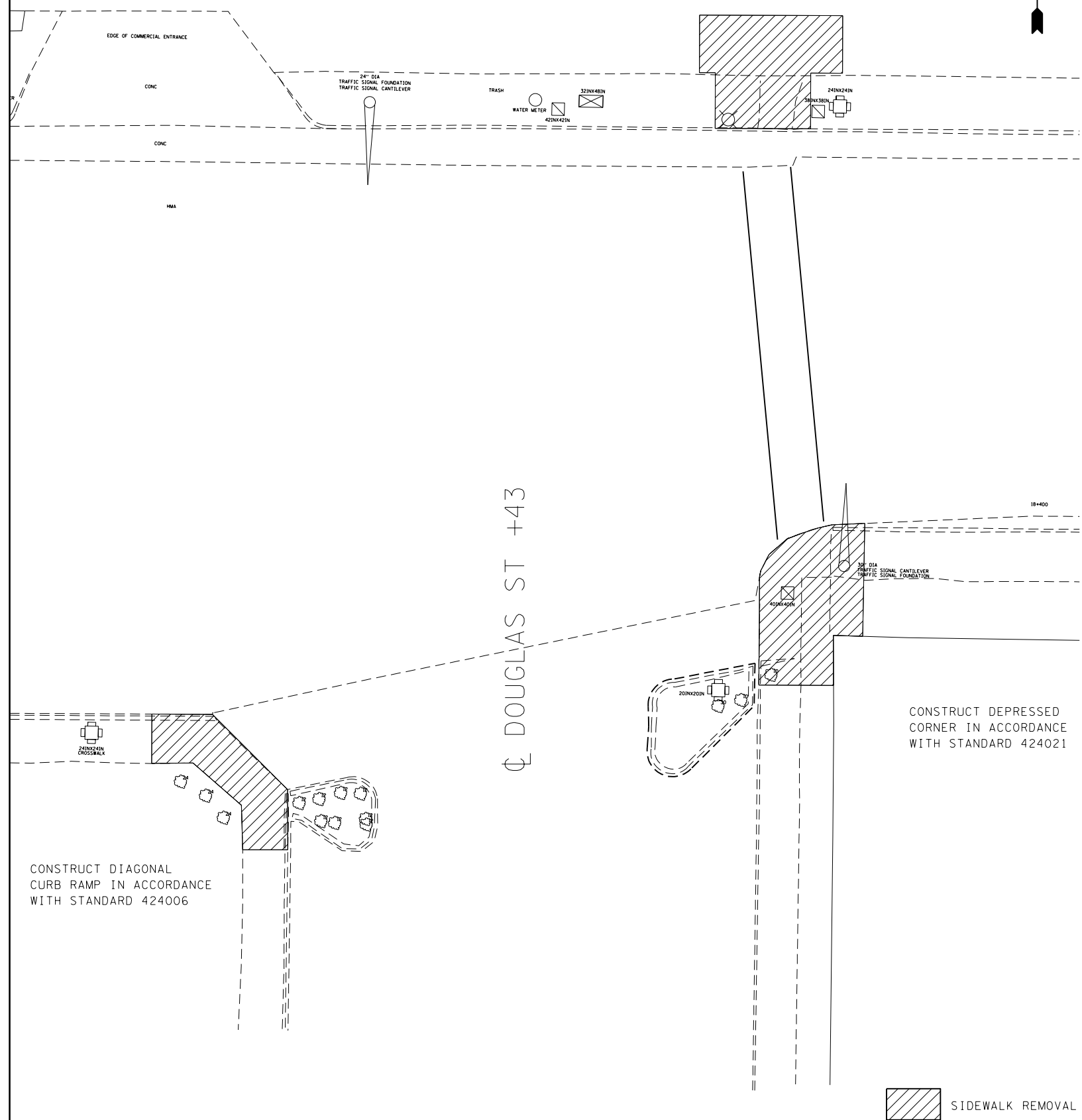
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS  
CROSS STREET

SCALE: SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,17)RS-1	CRAWFORD	60	41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	

CONSTRUCT PERPENDICULAR  
MID-BLOCK CURB RAMP IN  
ACCORDANCE WITH STANDARD 424016



DOUGLAS & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL ( SQ FT)			215			139	225	
CURB REMOVAL ( FOOT)								
COMB. CURB & GUTTER REMOVAL ( FOOT)			12					
COMB. CONC. CURB & GUTTER, TYPE B-6. 12 ( FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6. 24 ( FOOT)			12					
PCC SIDEWALK 4" ( SQ FT)			215			139	225	
DETECTABLE WARNINGS ( SQ FT)			8			8	36	
HANDHOLE TO BE ADJUSTED ( EACH)							1	

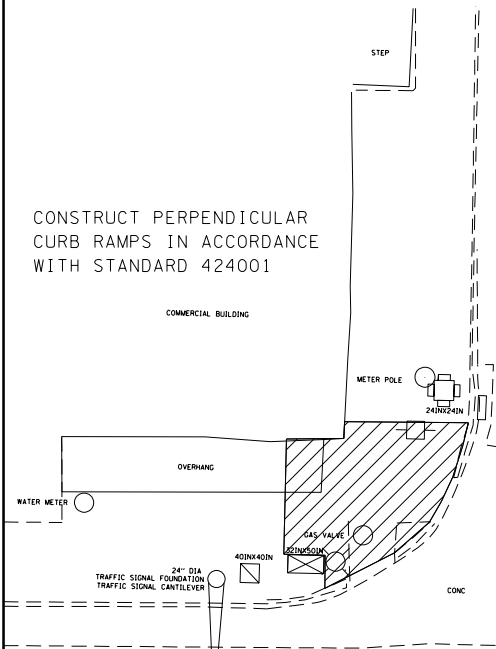
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS  
DOUGLAS STREET**

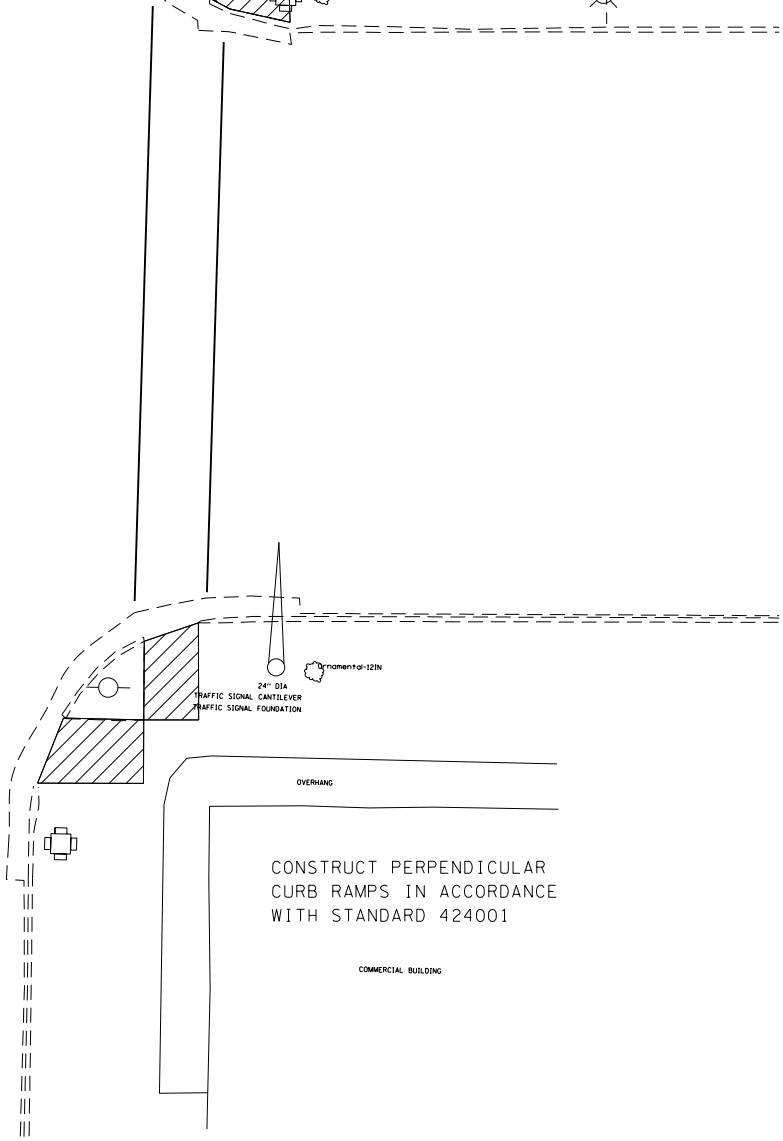
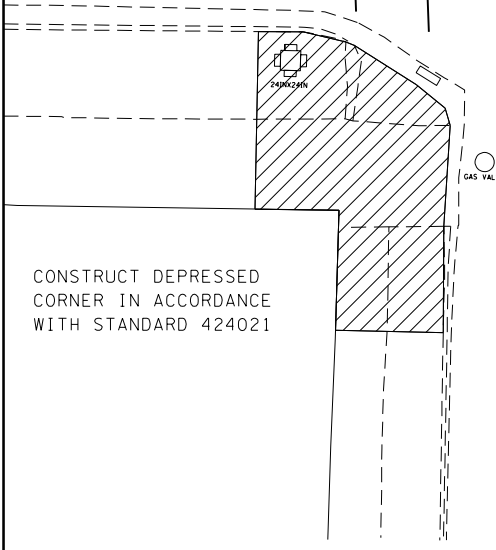
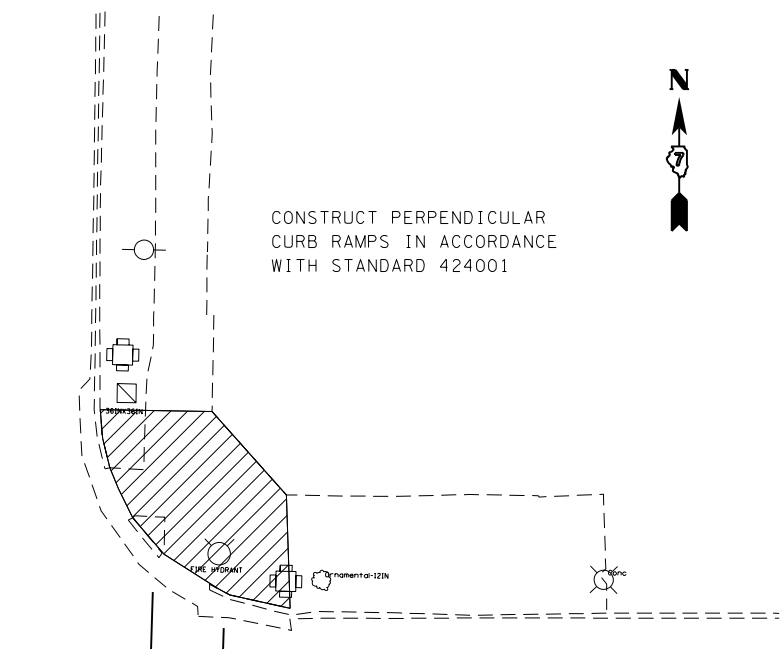
SCALE: SHEET 12 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74554	



JEFFERSON ST

JEFFERSON ST +43



 SIDEWALK REMOVAL

JEFFERSON & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	146		172		295		33	42
CURB REMOVAL (FOOT)								
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)	146		172		295		33	42
DETECTABLE WARNINGS (SQ FT)	16		16		36		8	8
INLET ADJUST W/ NEW TYPE 4 F&G (EACH)					1			

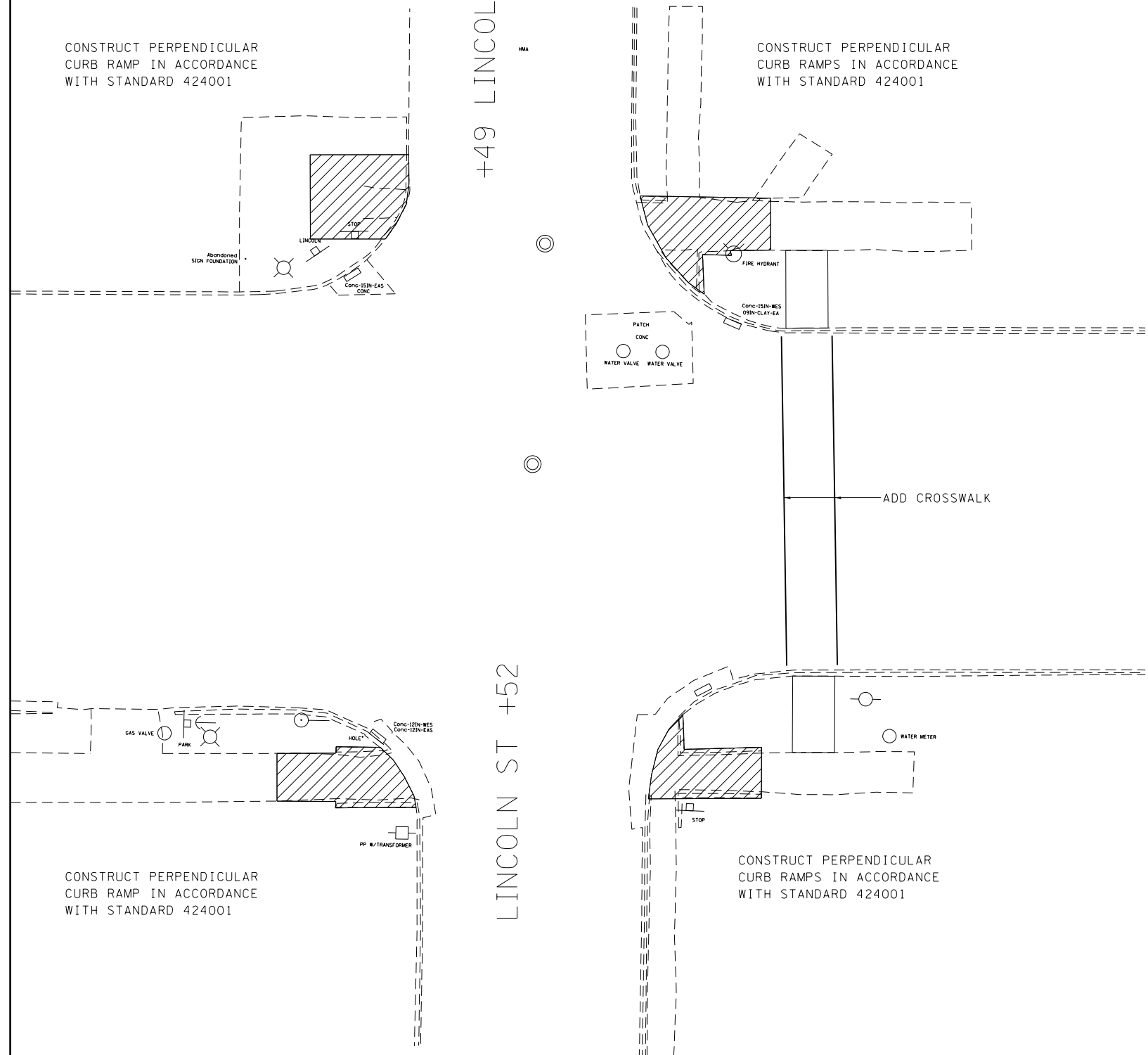
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAILS  
JEFFERSON STREET**

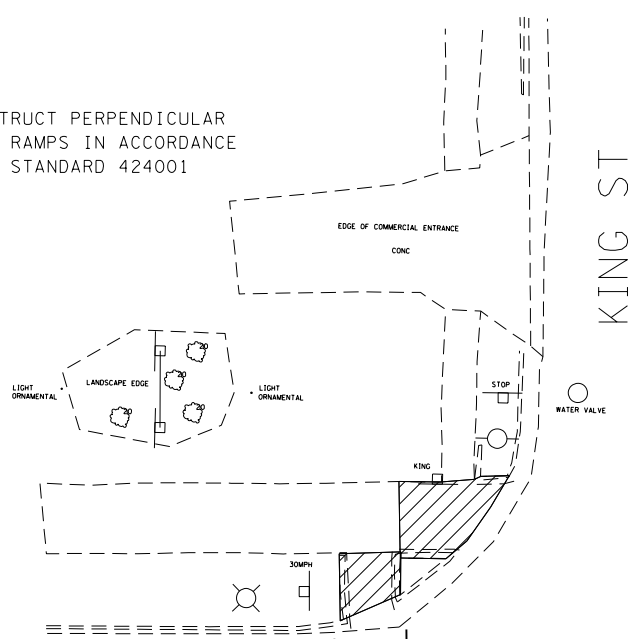
SCALE: SHEET 13 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	43
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



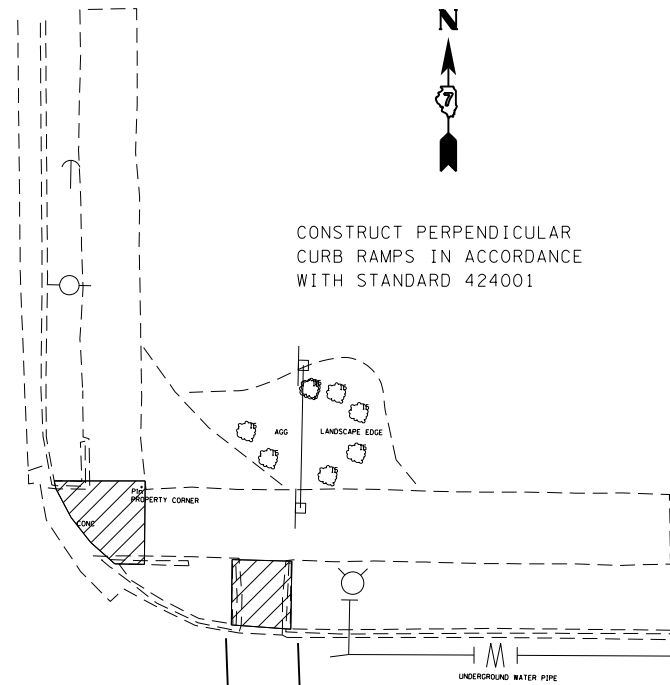
LINCOLN & MAIN								
PAY ITEM (UNIT)	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)		110		107		97		84
CURB REMOVAL (FOOT)								
COMB. CURB & GUTTER REMOVAL (FOOT)			6	20		15	6	18
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)			6	20		15	6	18
PCC SIDEWALK 4" (SQ FT)		110	46	94		97	45	77
DETECTABLE WARNINGS (SQ FT)		8	8	8		8	8	8
INLET ADJUST W/ NEW TYPE 3 F & G (EACH)						1		

CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001



KING ST

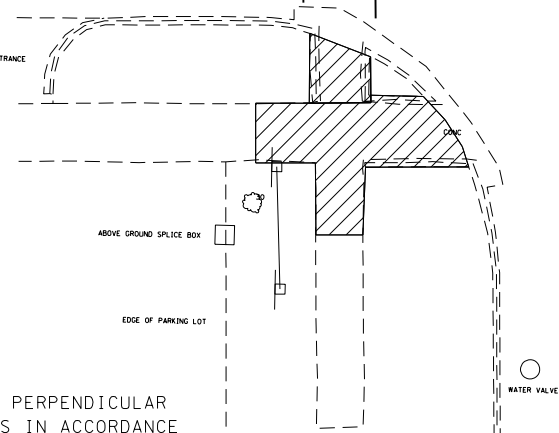
CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001



ADD CROSSWALKS

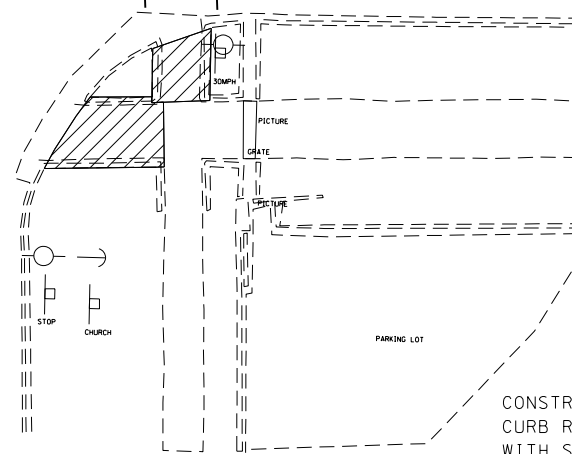
EDGE OF COMMERCIAL ENTRANCE

CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001



KING ST

CONSTRUCT PERPENDICULAR CURB RAMPS IN ACCORDANCE WITH STANDARD 424001



SIDEWALK REMOVAL

PAY ITEM (UNIT)	KING & MAIN							
	QUADRANT							
	NW		NE		SW		SE	
	state	city	state	city	state	city	state	city
SIDEWALK REMOVAL (SQ FT)	23	44	28	38	137		26	48
CURB REMOVAL (FOOT)			0.1		0.3		0.2	
COMB. CURB & GUTTER REMOVAL (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.12 (FOOT)								
COMB. CONC. CURB & GUTTER, TYPE B-6.24 (FOOT)								
PCC SIDEWALK 4" (SQ FT)	23	44	28	38	25		27	48
DETECTABLE WARNINGS (SQ FT)	8	8	8	8	16		8	8

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	PLOT DATE = 4/5/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS  
KING STREET

SCALE: SHEET 15 OF 15 SHEETS STA. TO STA.

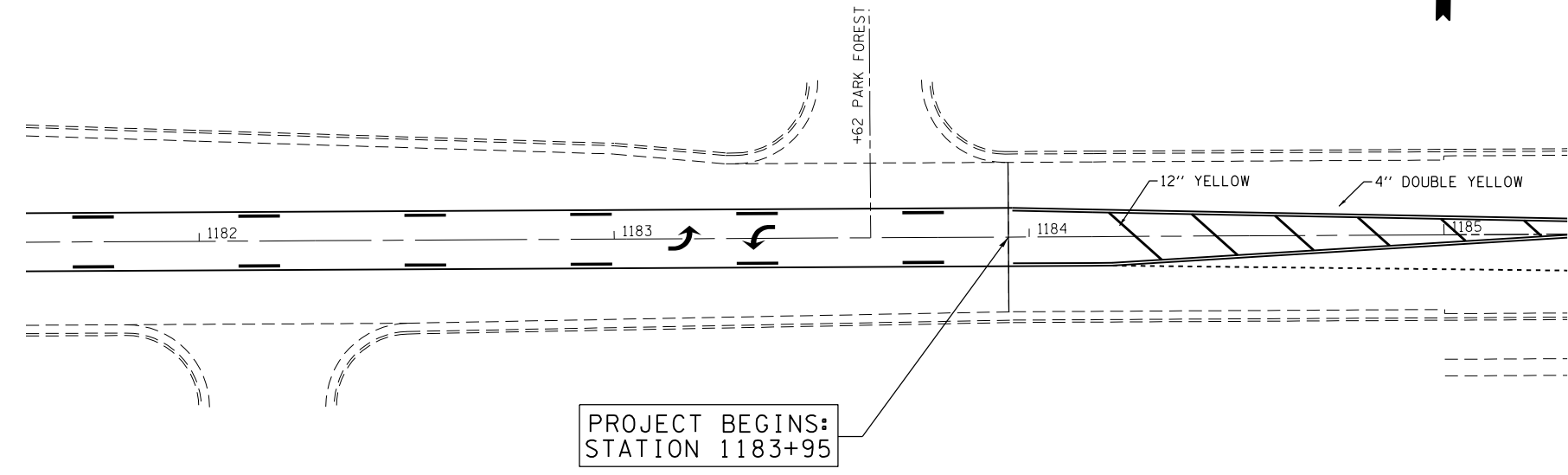
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	45
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	



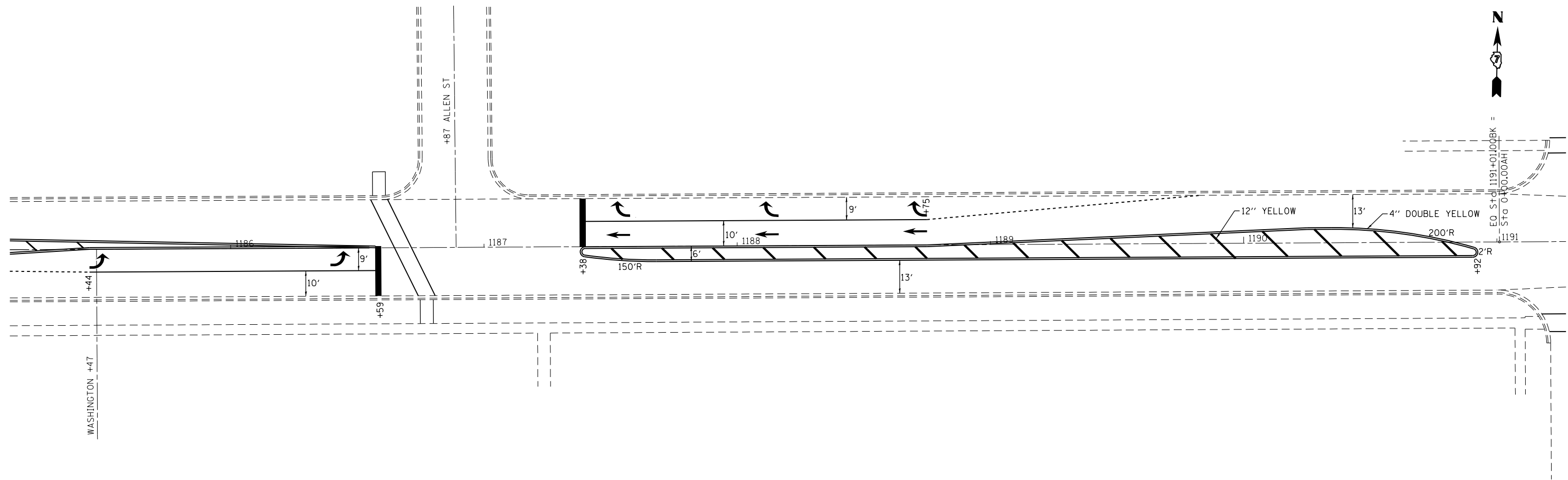
PREFORMED THERMOPLASTIC PAVEMENT MARKING

STATION TO STATION	LENGTH FOOT	PREFORMED THERMOPLASTIC PVT MKG - LETTERS & SYMB SQ FT	PREFORMED THERMOPLASTIC PVT MKG - LINE 4" FOOT	PREFORMED THERMOPLASTIC PVT MKG - LINE 12" FOOT
1182+50.00 TO 1183+95.00	145.0	31.2	370.0	0.0

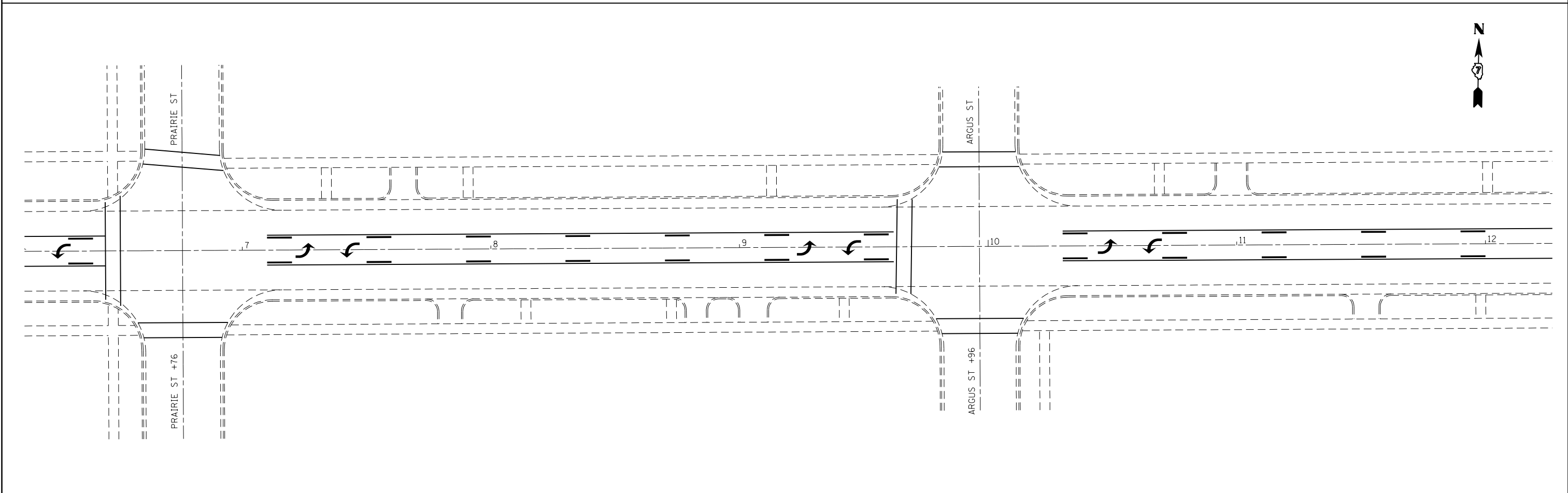
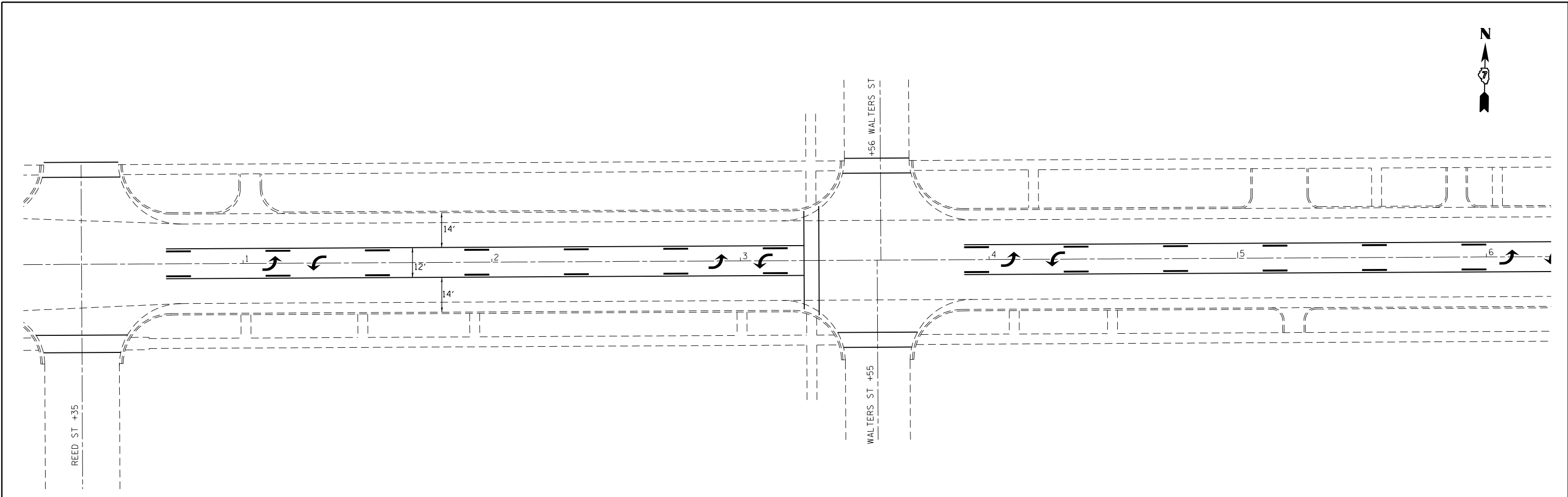
NOTE: FOR REPLACEMENT OF MARKINGS REMOVED FROM PAVEMENT NOT RESURFACED.



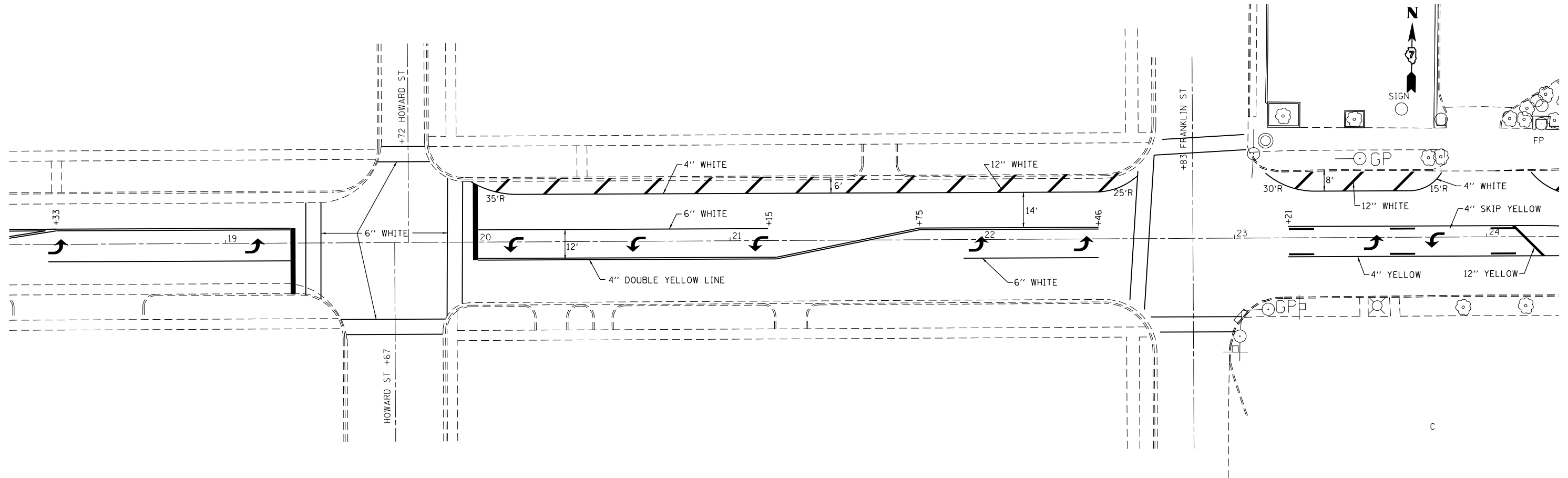
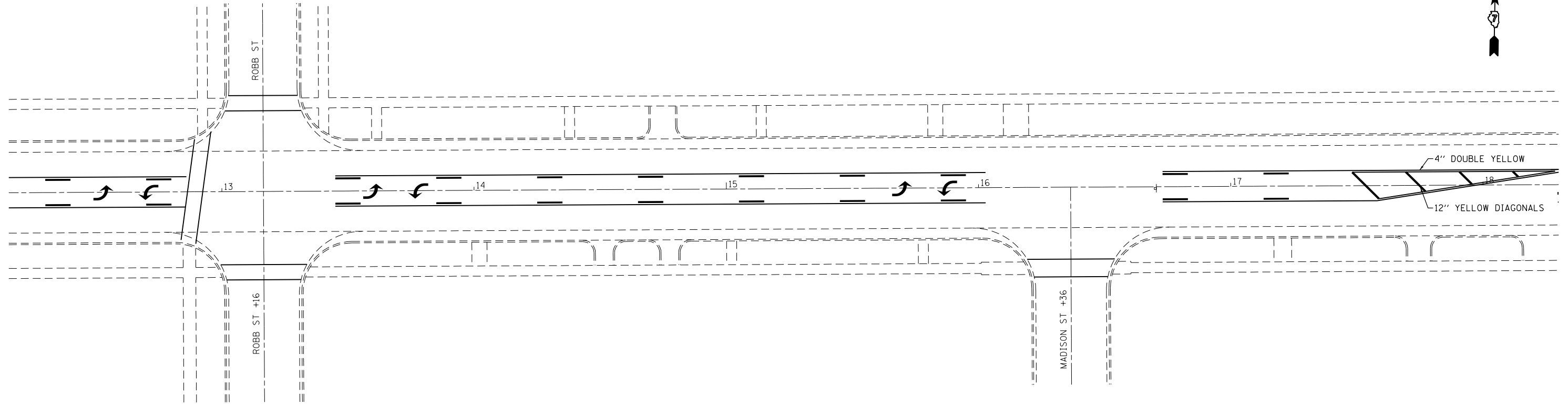
PROJECT BEGINS:  
STATION 1183+95



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING DETAILS STA 1179+00 TO STA 1191+00</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
ci:\pw\work\p\idot\steffenmk\d0282300\074554-sht-PMK.dgn		DRAWN -	REVISED -		SCALE: 20	SHEET 1 OF 5 SHEETS	STA.	TO STA.	781	(1Z,17Z)RS-1	CRAWFORD	60	46
		CHECKED -	REVISED -										
		DATE -	REVISED -										



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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -				781	(1Z,17Z)RS-1	CRAWFORD	60	47	
PLOT DATE = 4/5/2013	DATE -	REVISED -	REVISED -		SCALE: 20	SHEET 2 OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
							CONTRACT NO. 74554					



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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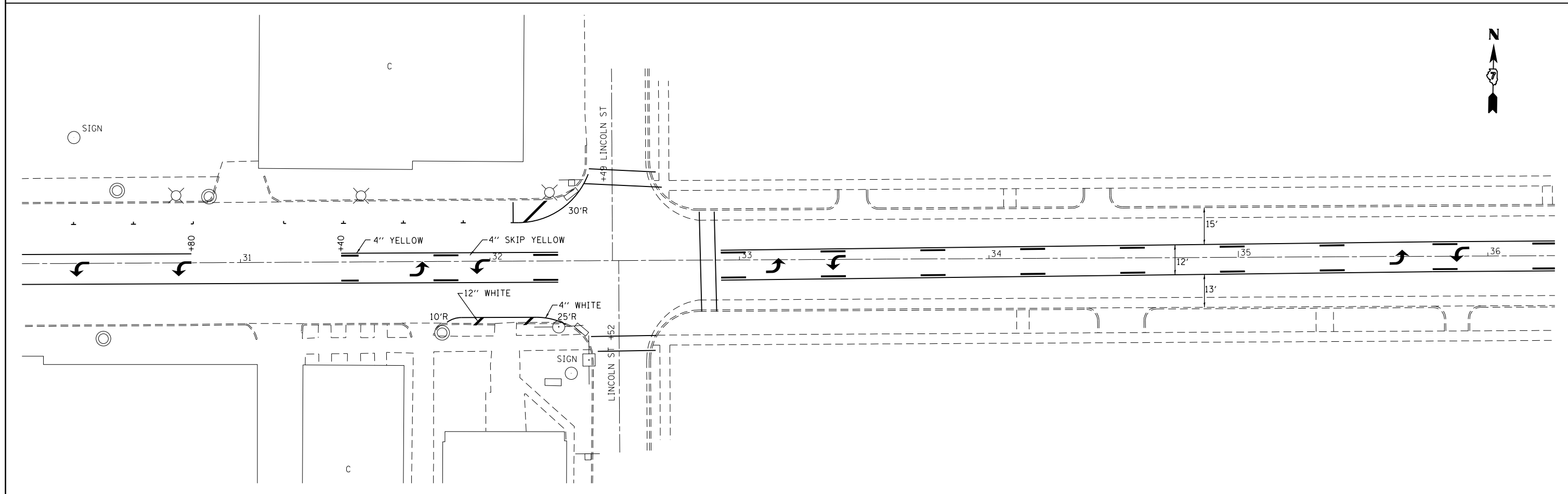
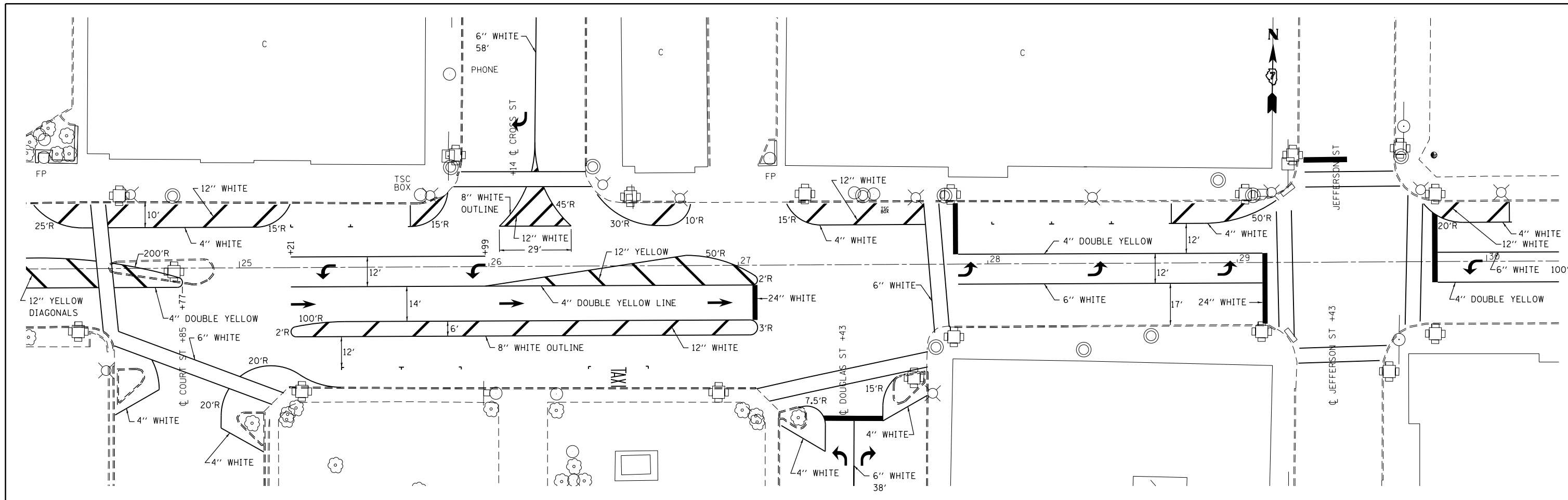
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS  
STA 12+00 TO STA 24+00**

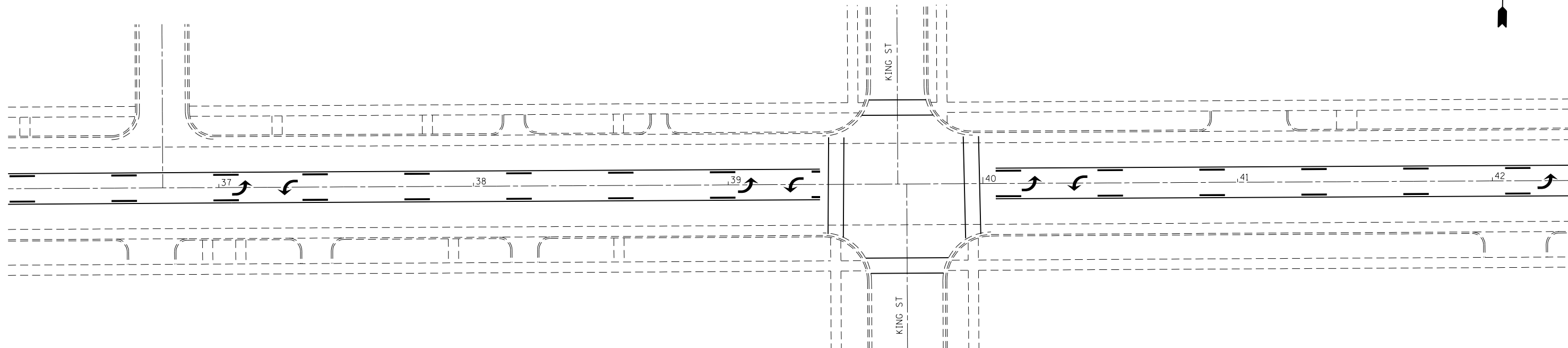
SCALE: 20 SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,172)RS-1	CRAWFORD	60	48
			CONTRACT NO. 74554	
ILLINOIS FED. AID PROJECT				

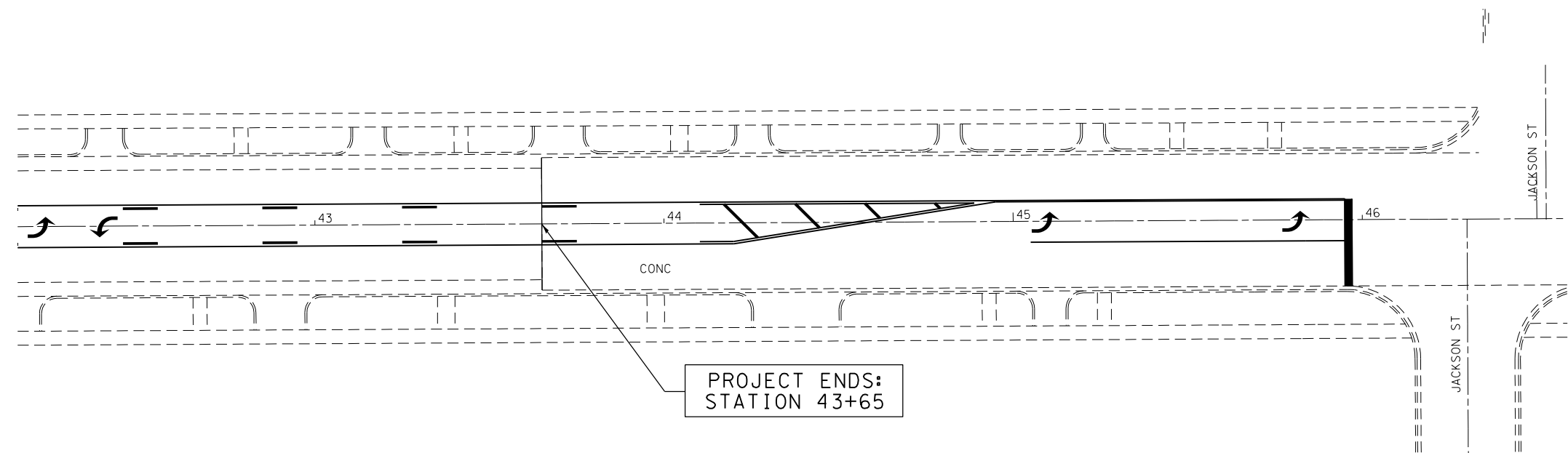




FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING DETAILS STA 24+00 TO STA 36+00</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\steffenmk\d0282300\074554-sht-PMK.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					781	(1Z,17Z)RS-1	CRAWFORD	60	49
	PLOT DATE = 4/5/2013	CHECKED -	REVISED -		SCALE: 20			SHEET 4 OF 5 SHEETS STA. TO STA.			CONTRACT NO. 74554	
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



NOTE: REPLACE PAVEMENT MARKINGS REMOVED FOR STAGE CONSTRUCTION WITH PREFORMED THERMOPLASTIC PAVEMENT MARKING - LINE 4".



PROJECT ENDS:  
STATION 43+65

PREFORMED THERMOPLASTIC PAVEMENT MARKING

STATION TO STATION	LENGTH FOOT	PREFORMED THERMOPLASTIC PVT MKG - LETTERS & SYMB SQ FT	PREFORMED THERMOPLASTIC PVT MKG - LINE 4" FOOT	PREFORMED THERMOPLASTIC PVT MKG - LINE 12" FOOT
44+20.00 TO 45+00.00	80.0	0.0	160.0	37.0

NOTE: FOR REPLACEMENT OF MARKINGS REMOVED FROM PAVEMENT NOT RESURFACED.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 4/5/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS  
STA 36+00 TO STA 46+00

SCALE: 20 SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	50
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL GENERAL NOTES

THE TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF TRAFFIC SIGNAL MODERNIZATION AT 4 SEPARATE INTERSECTIONS ON IL 33 (ALLEN STREET, HOWARD STREET, DOUGLAS STREET AND JEFFERSON STREET) AND THE COMPLETE REMOVAL OF THE TRAFFIC SIGNALS AT THE INTERSECTION OF IL 33 AND COURT STREET, ALL IN THE CITY OF ROBINSON, CRAWFORD COUNTY.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123. THE TRAFFIC SIGNAL UTILITY LINES WILL BE LOCATED BY IDOT, CALL 217-342-3951.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8291 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNALS ARE TURNED ON. THE REPRESENTATIVE SHALL MAKE CERTAIN THAT ALL EQUIPMENT OPERATES TO THE SATISFACTION OF THE ENGINEER.

A 2 FOOT MINIMUM, 6 FOOT DESIRABLE, HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF CURB TO THE EDGE OF HANDHOLES, JUNCTION BOXES AND SIGNAL POST FOUNDATIONS.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

ALL NEW TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

ALL MAST ARM MOUNTED SIGNAL HEADS SHALL BE MOUNTED SO AS TO ALIGN WITH THE CENTER OF THE LANE OR AS DIRECTED BY THE ENGINEER.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL PLANS GENERAL NOTES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\steffenmk\d0282300\07	74554-sht-ts.dgn	DRAWN -	REVISED -					781	(1Z,17Z)RS-1	CRAWFORD	60	51
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.			CONTRACT NO. 74554				
	PLOT DATE = 4/5/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

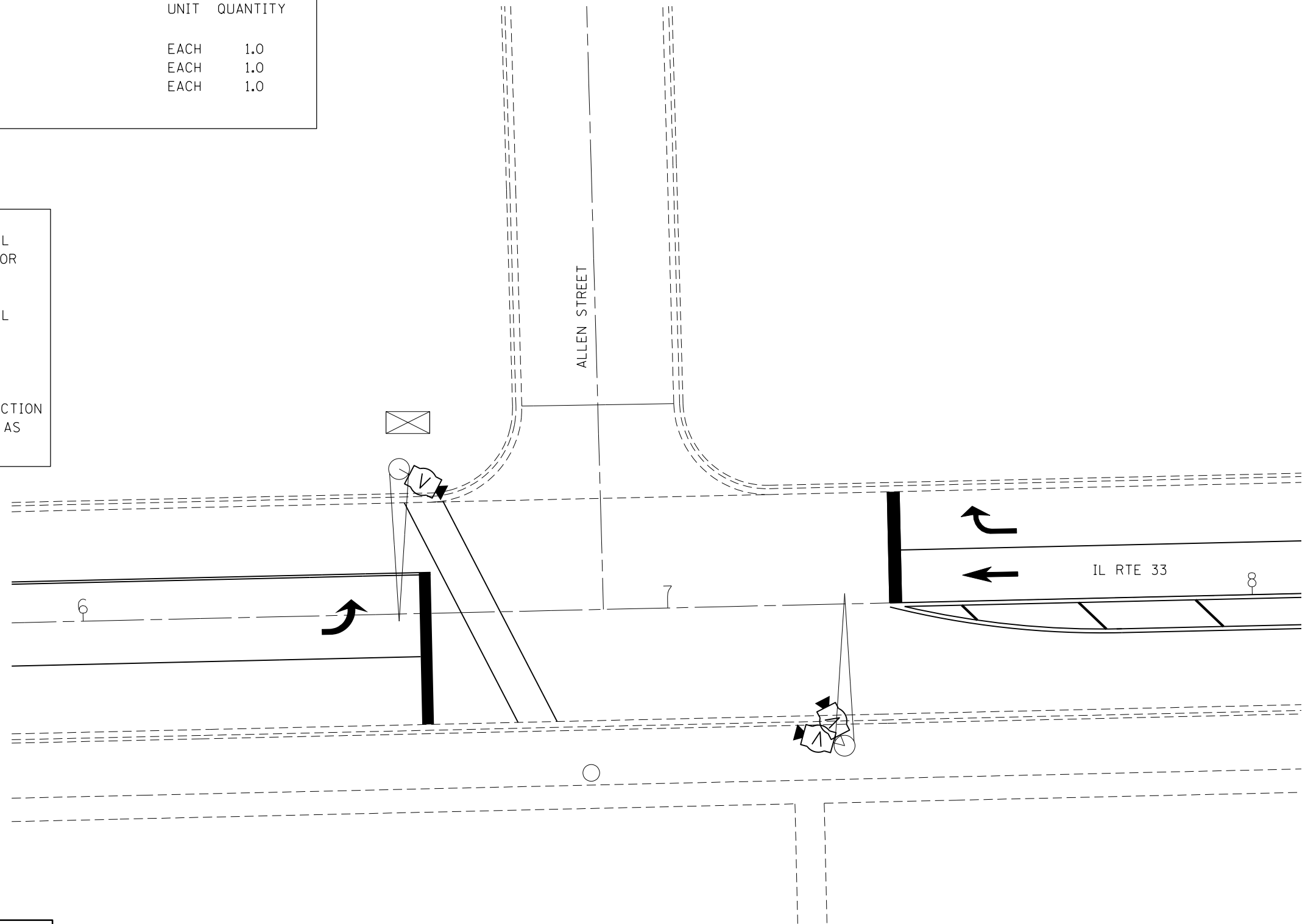
**BILL OF MATERIALS**  
**INTERSECTION OF IL 33 & ALLEN STREET**

ITEM	UNIT	QUANTITY
MODIFY EXISTING CONTROLLER	EACH	1.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0
WIRELESS VEHICLE DETECTION SYSTEM	EACH	1.0

**NOTE;**  
 THE WIRELESS VEHICLE DETECTION SYSTEM SHALL INCLUDE ALL THE WIRE AND DETECTION UNITS FOR THE ENTIRE INTERSECTION.

THE WIRELESS VEHICLE DETECTION SYSTEM SHALL CONSIST OF 3 UNITS TO DETECT TRAFFIC FOR EASTBOUND, WESTBOUND AND SOUTHBOUND TRAFFIC.

THE LOCATIONS OF THE WIRELESS VEHICLE DETECTION SYSTEM ARE PROPOSED AND MAY NEED ALTERED AS PER THE MANUFACTURER.



**LEGEND**

	Pr Wireless Vehicle Detection System
--	--------------------------------------

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ci:\pw\work\p\idot\steffenmk\d0282300\074554-sht-ts.dgn	74554-sht-ts.dgn	DRAWN -	REVISED -
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS**  
**INTERSECTION OF IL 33 & ALLEN STREET**

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	52
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

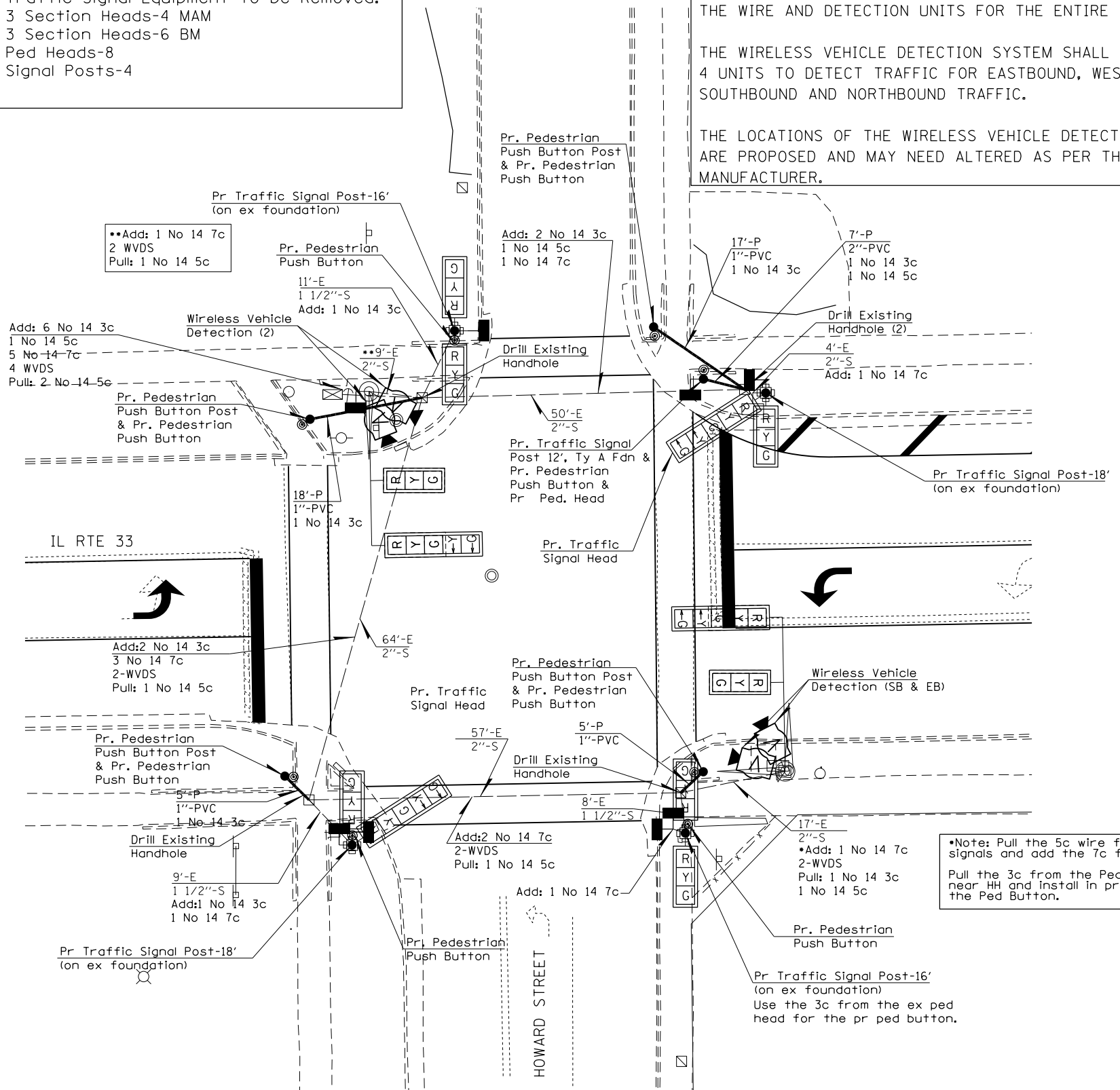
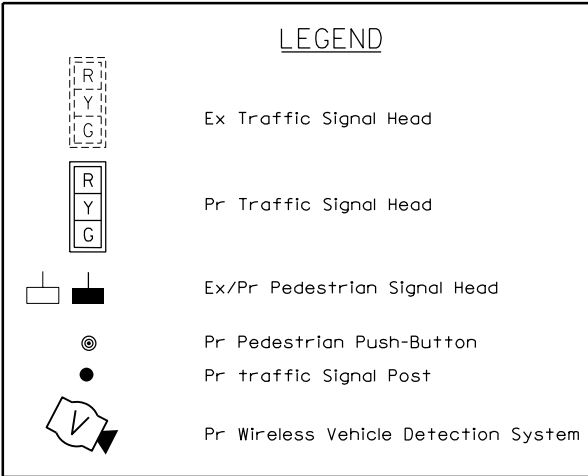
**BILL OF MATERIALS**  
**INTERSECTION OF IL 33 & HOWARD STREET**

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 1' DIA	FOOT	45.0
UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	7.0
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	898.0
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	108.0
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 7C	FOOT	538.0
TRAFFIC SIGNAL POST, ALUMINUM, 12 FT	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM, 16 FT	EACH	2.0
TRAFFIC SIGNAL POST, ALUMINUM, 18 FT	EACH	2.0
PEDESTRIAN PUSH BUTTON POST	EACH	4.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
DRILL EXISTING HANDHOLE	EACH	5.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION MAM	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION MAM	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3 SECTION BM	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SEC, 1-5 SEC, BM	EACH	2.0
PEDESTRIAN HEAD, POLY, LED, 1-FACE, BM, W/COUNTDOWN TIMER	EACH	6.0
PEDESTRIAN HEAD, POLY, LED, 2-FACE, BM, W/COUNTDOWN TIMER	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12.0
PEDESTRIAN PUSH BUTTON	EACH	8.0
MODIFY EXISTING CONTROLLER	EACH	1.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	310.0
REMOVE TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
WIRELESS VEHICLE DETECTION SYSTEM	EACH	1.0

**NOTE:**  
Traffic Signal Equipment to be Removed:  
3 Section Heads-4 MAM  
3 Section Heads-6 BM  
Ped Heads-8  
Signal Posts-4

**NOTE:**  
THE WIRELESS VEHICLE DETECTION SYSTEM SHALL INCLUDE ALL THE WIRE AND DETECTION UNITS FOR THE ENTIRE INTERSECTION.  
  
THE WIRELESS VEHICLE DETECTION SYSTEM SHALL CONSIST OF 4 UNITS TO DETECT TRAFFIC FOR EASTBOUND, WESTBOUND, SOUTHBOUND AND NORTHBOUND TRAFFIC.  
  
THE LOCATIONS OF THE WIRELESS VEHICLE DETECTION SYSTEM ARE PROPOSED AND MAY NEED ALTERED AS PER THE MANUFACTURER.

**NOTE:**  
Proposed Traffic Signal Heads and Pedestrian Signal Heads shall replace the existing heads in their existing location.  
Exception: The far 3 section head on the mast arms will be replaced with a 5 section head. The pedestrian head for NB on the existing post in the NE quad will be relocated on the new post near the cross walk. The pedestrian head for SB on the existing mast arm in the SE quad will be relocated on the existing post near the cross walk.  
  
Additions: There will be a 5 section head added on the traffic signal post in the SW Quadrant and the NE Quadrant.



**Note:** Pull the 5c wire from the MAM signals and add the 7c for both signals. Pull the 3c from the Ped Head to the near HH and install in pr conduit for the Ped Button.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS**  
**INTERSECTION OF IL 33 & HOWARD STREET**

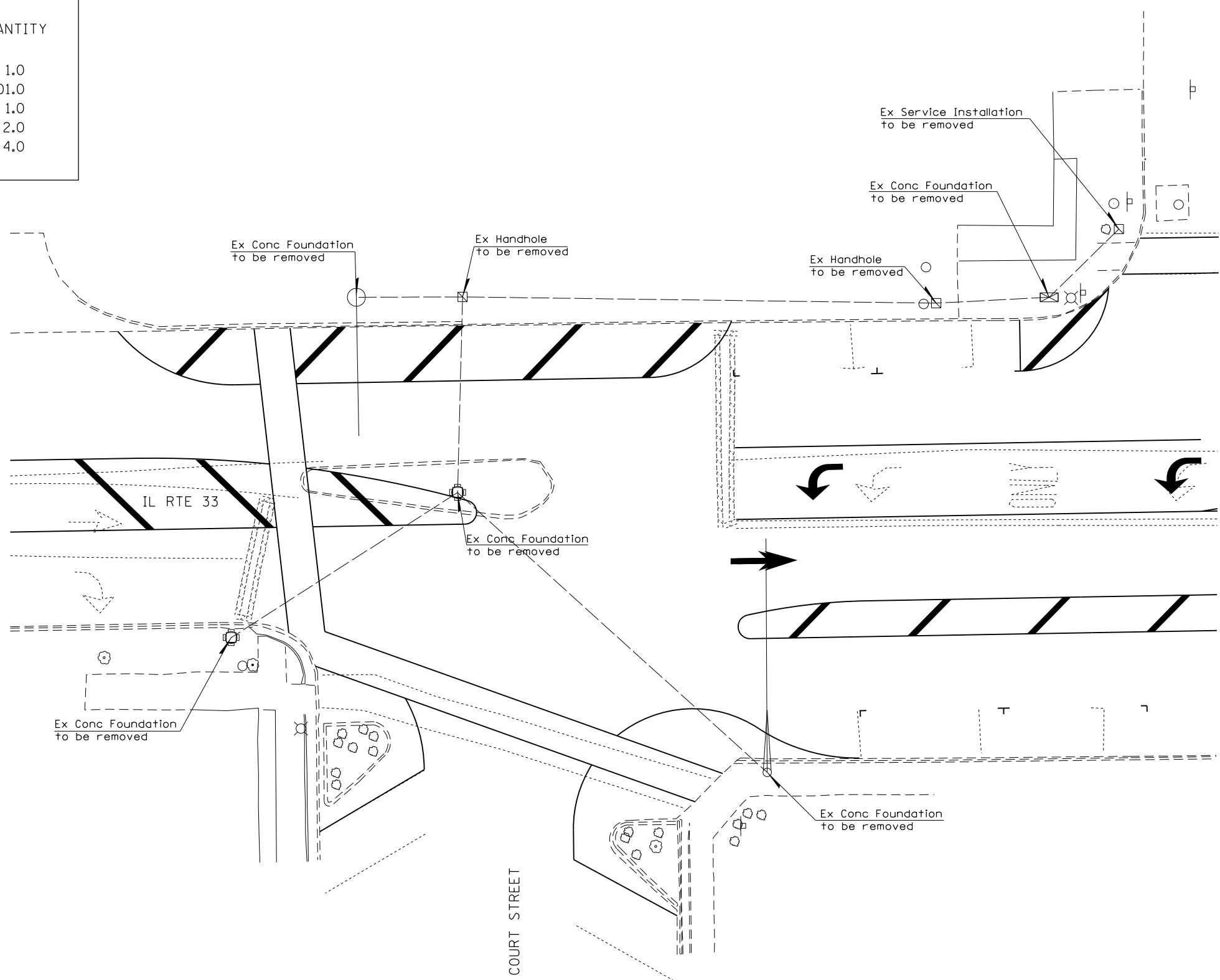
SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,17)RS-1	CRAWFORD	60	53
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	


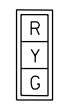
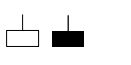



**BILL OF MATERIALS**  
**INTERSECTION OF IL 33 & COURT STREET**

ITEM	UNIT	QUANTITY
REMOVE EXISTING SERVICE INSTALLTION	EACH	1.0
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1701.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	2.0
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4.0

**NOTE:**  
Traffic Signal Equipment to be Removed:  
Mast arm assembly and pole-2



**LEGEND**

-  Ex Traffic Signal Head
-  Pr Traffic Signal Head
-  Ex/Pr Pedestrian Signal Head
-  Pr Pedestrian Push-Button
-  Pr traffic Signal Post
-  Pr Wireless Vehicle Detection System

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/13/2014	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS**  
**INTERSECTION OF IL 33 & COURT STREET**

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	54
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

**BILL OF MATERIALS**  
**INTERSECTION OF IL 33 & DOUGLAS STREET**

ITEM	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	569.0
TRAFFIC SIGNAL POST, ALUMINUM, 12 FT	EACH	2.0
TRAFFIC SIGNAL POST, ALUMINUM, 16 FT	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION BM	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION MAM	EACH	4.0
PEDESTRIAN HEAD, POLY, LED, 1-FACE, BM, W/COUNTDOWN TIMER	EACH	4.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6.0
PEDESTRIAN PUSH BUTTON	EACH	4.0
MODIFY EXISTING CONTROLLER	EACH	1.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0
REMOVE TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
WIRELESS VEHICLE DETECTION SYSTEM	EACH	1.0

**NOTE:**  
THE WIRELESS VEHICLE DETECTION SYSTEM SHALL INCLUDE ALL THE WIRE AND DETECTION UNITS FOR THE ENTIRE INTERSECTION.

THE WIRELESS VEHICLE DETECTION SYSTEM SHALL CONSIST OF 3 UNITS TO DETECT TRAFFIC FOR EASTBOUND, WESTBOUND AND NORTHBOUND TRAFFIC.

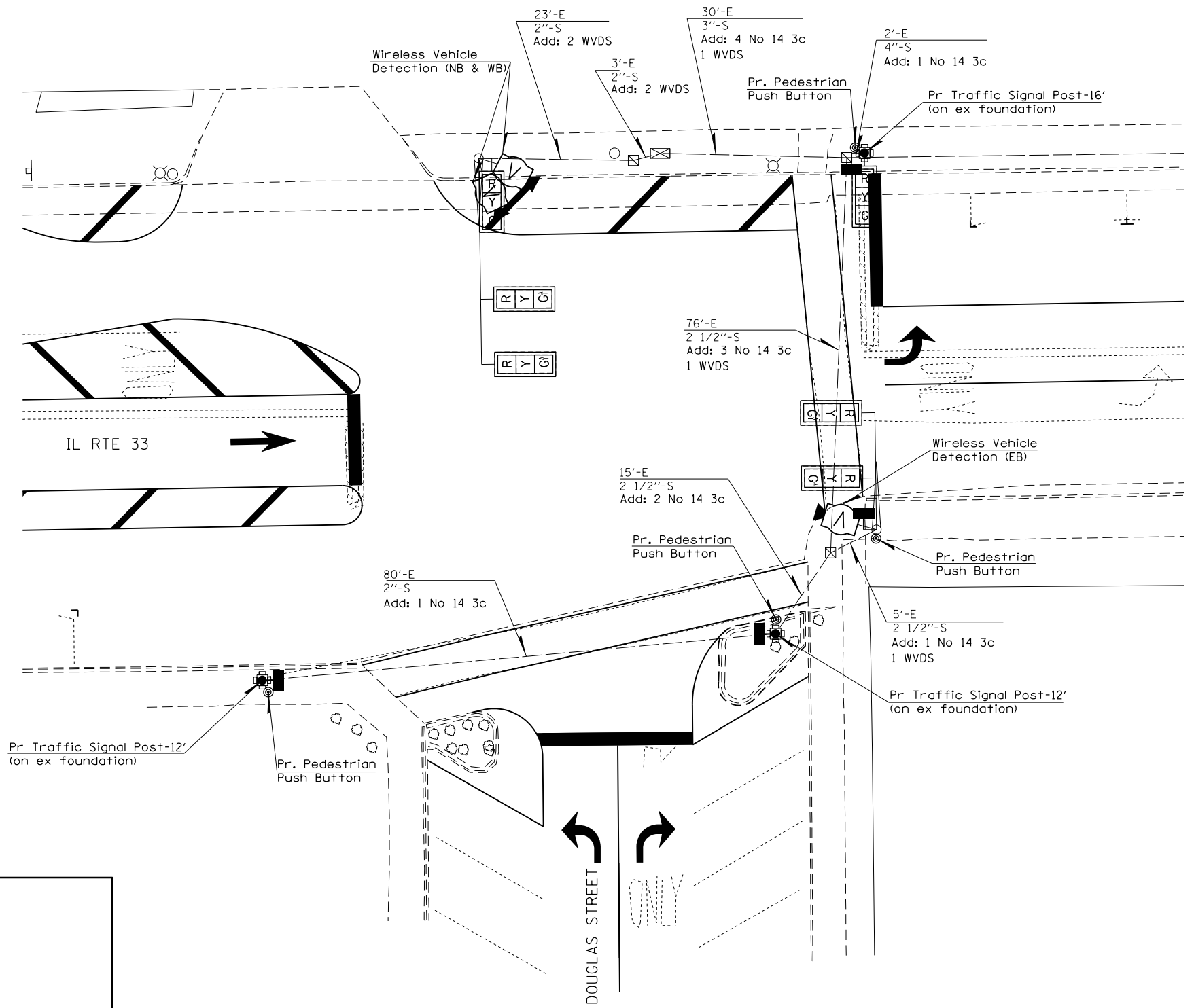
THE LOCATIONS OF THE WIRELESS VEHICLE DETECTION SYSTEM ARE PROPOSED AND MAY NEED ALTERED AS PER THE MANUFACTURER.

**NOTE:**  
Traffic Signal Equipment to be Removed:  
3 Section Heads-4 MAM  
3 Section Heads-2 BM  
Ped Heads-4  
Signal Posts-3

**NOTE:**  
Proposed Traffic Signal Heads and Pedestrian Signal Heads shall replace the existing heads in their existing location.

**LEGEND**

	Ex Traffic Signal Head
	Pr Traffic Signal Head
	Ex/Pr Pedestrian Signal Head
	Pr Pedestrian Push-Button
	Pr traffic Signal Post
	Pr Wireless Vehicle Detection System



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC SIGNAL PLANS</b>	
<b>INTERSECTION OF IL 33 &amp; DOUGLAS STREET</b>	
SCALE:	SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,17)RS-1	CRAWFORD	60	55
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

**BILL OF MATERIALS**  
**INTERSECTION OF IL 33 & JEFFERSON STREET**

ITEM	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	564.0
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	75.0
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 7C	FOOT	461.0
TRAFFIC SIGNAL POST, ALUMINUM, 16 FT	EACH	3.0
TRAFFIC SIGNAL POST, ALUMINUM, 18 FT	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BM	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BM	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3 SECTION MAM	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION MAM	EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3 SECTION BM	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SEC, 1-5 SEC, BM	EACH	1.0
PEDESTRIAN HEAD, POLY, LED, 1-FACE, BM, W/COUNTDOWN TIMER	EACH	2.0
PEDESTRIAN HEAD, POLY, LED, 2-FACE, BM, W/COUNTDOWN TIMER	EACH	3.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	11.0
PEDESTRIAN PUSH BUTTON	EACH	8.0
MODIFY EXISTING CONTROLLER	EACH	1.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	268.0
REMOVE TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
WIRELESS VEHICLE DETECTION SYSTEM	EACH	1.0

**NOTE:**  
THE WIRELESS VEHICLE DETECTION SYSTEM SHALL INCLUDE ALL THE WIRE AND DETECTION UNITS FOR THE ENTIRE INTERSECTION.

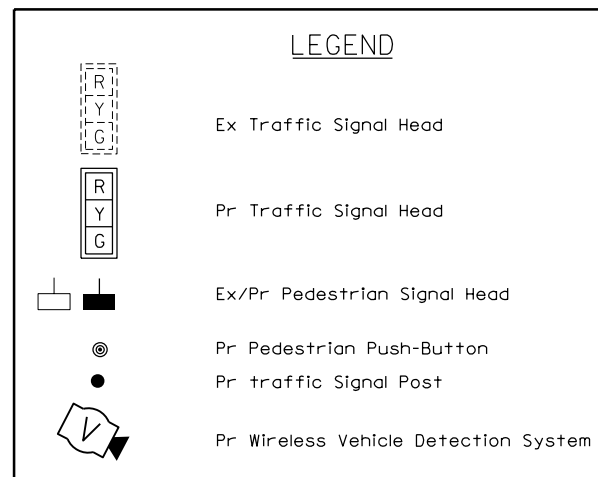
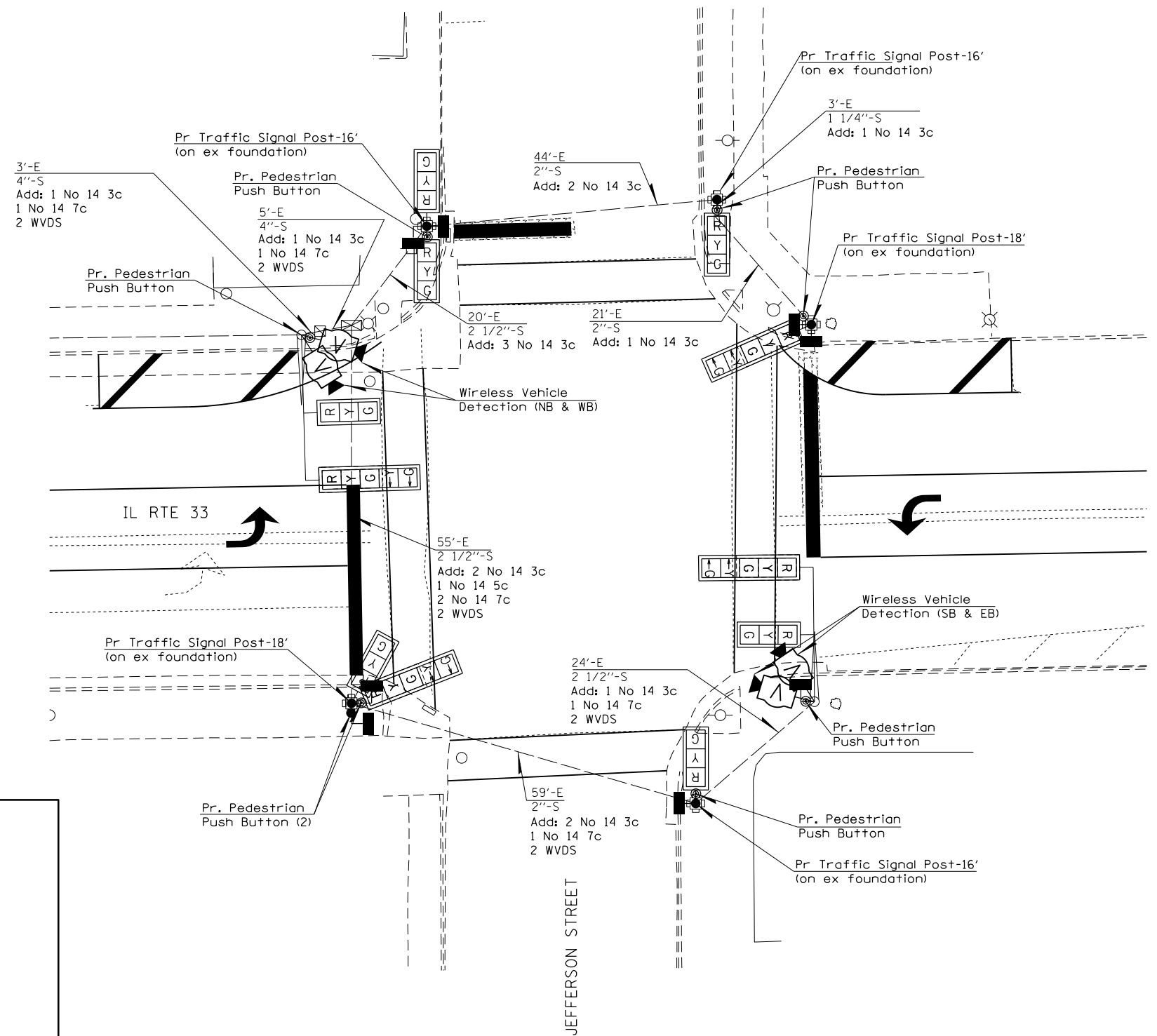
THE WIRELESS VEHICLE DETECTION SYSTEM SHALL CONSIST OF 4 UNITS TO DETECT TRAFFIC FOR EASTBOUND, WESTBOUND, SOUTHBOUND AND NORTHBOUND TRAFFIC.

THE LOCATIONS OF THE WIRELESS VEHICLE DETECTION SYSTEM ARE PROPOSED AND MAY NEED ALERTED AS PER THE MANUFACTURER.

**NOTE:**  
Traffic Signal Equipment to be Removed:  
3 Section Heads-4 MAM  
3 Section Heads-6 BM  
Ped Heads-8  
Signal Posts-4

**NOTE:**  
Proposed Traffic Signal Heads and Pedestrian Signal Heads shall replace the existing heads in their existing location. Exception: the far 3 section head on the mast arms will be replaced with a 5 section head.

Additions: There will be a 5 section head added on the traffic signal post in the SW Quadrant and the NE Quadrant.



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 4/5/2013	DATE -	REVISED -

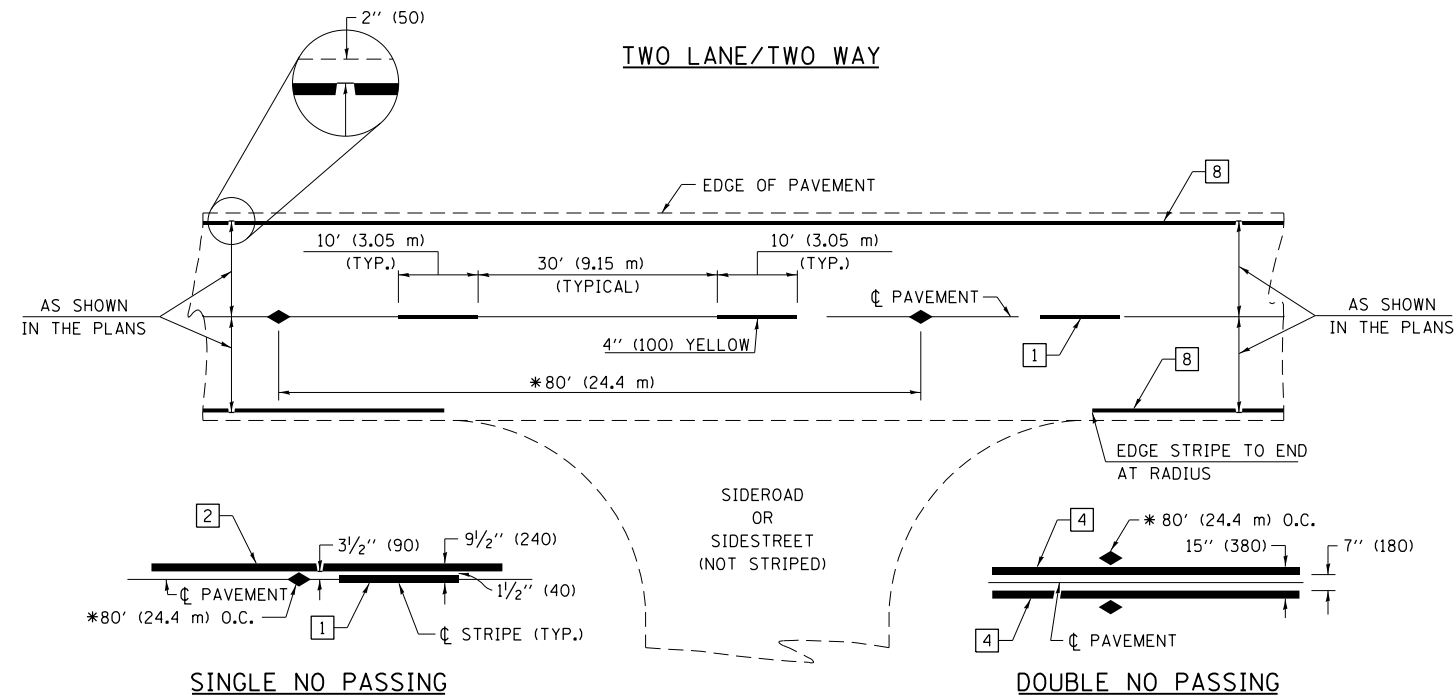
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS**  
**INTERSECTION OF IL 33 & JEFFERSON STREET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,172)RS-1	CRAWFORD	60	56
CONTRACT NO. 74554			ILLINOIS FED. AID PROJECT	

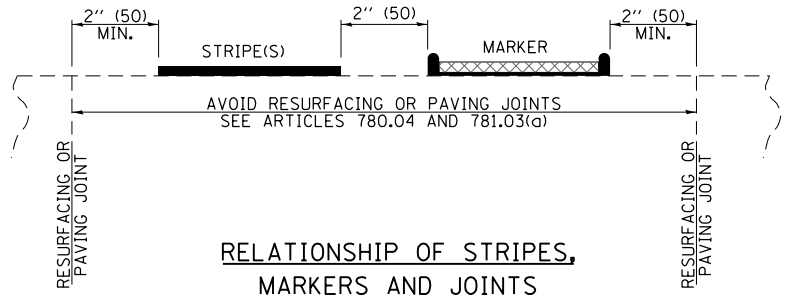




\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

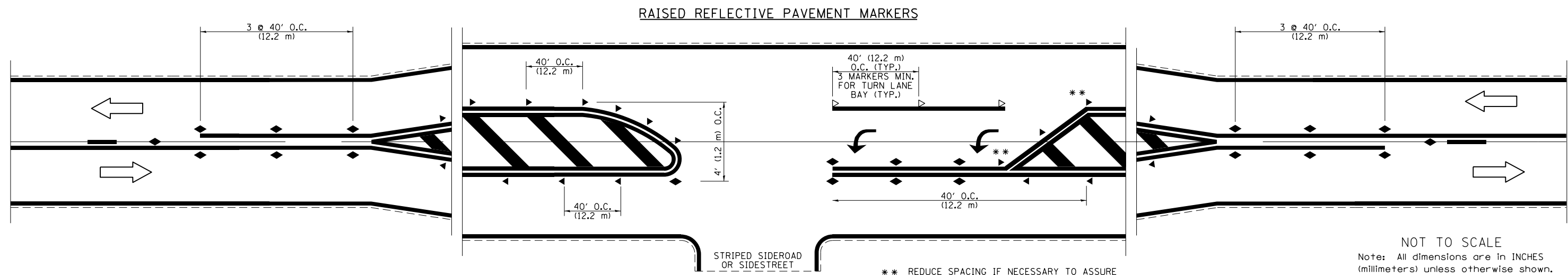
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE



TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

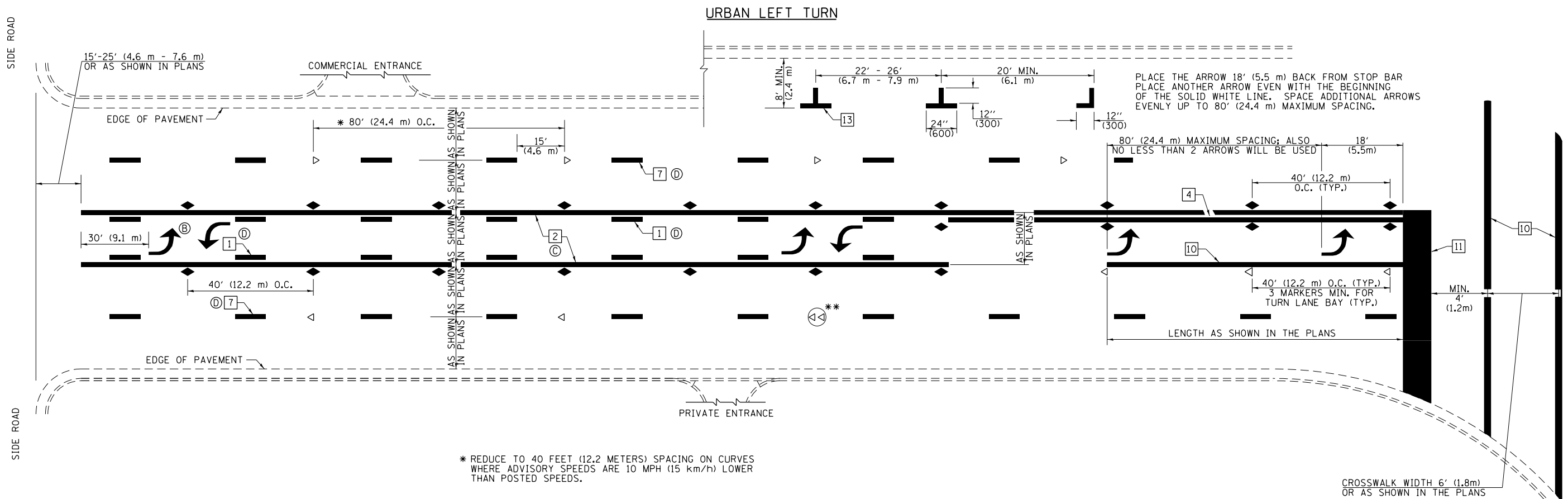


\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE  
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\d02\stevfemk\d0282300\0774554-sht-details.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			781	(1Z,17Z)RS-1	CRAWFORD	60	57
	PLOT DATE = 4/5/2013	CHECKED -	REVISED -			SCALE: NA SHEET NO. 1 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 74554		
						ILLINOIS FED. AID PROJECT				

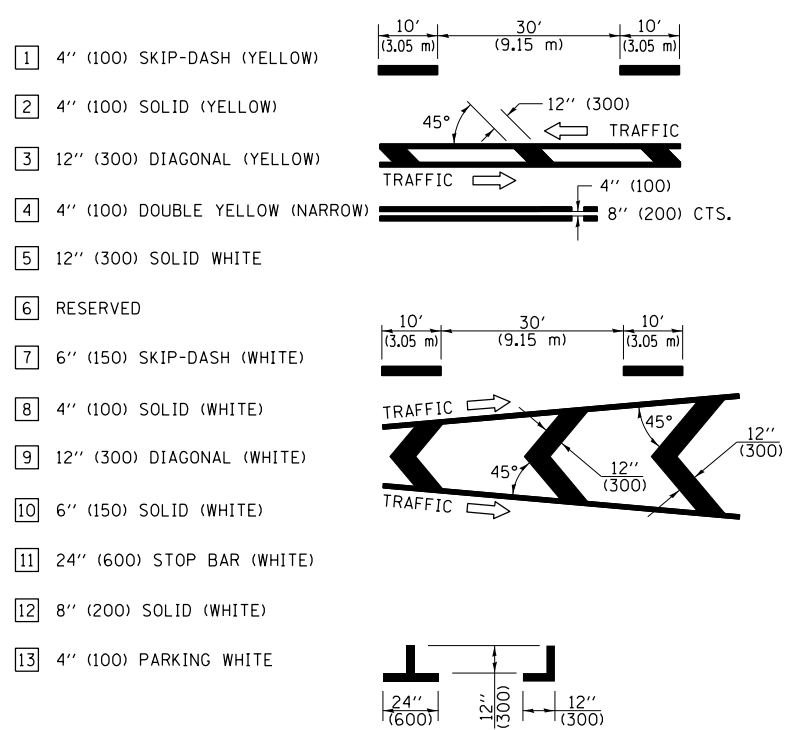
DISTRICT 7 DETAIL NO. 7800001



\* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

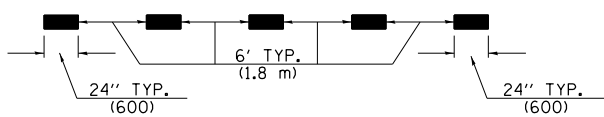
\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**PAVEMENT MARKING LEGEND**

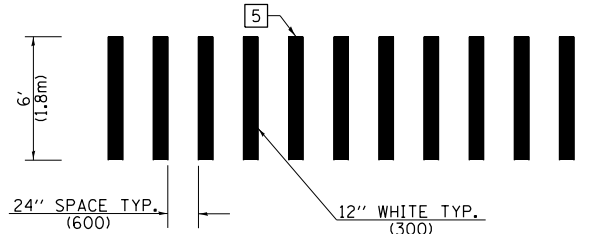


**GENERAL NOTES**

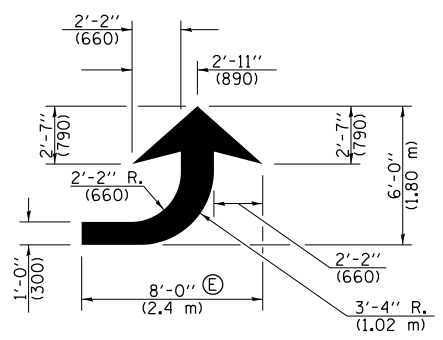
- TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
- USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
- LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



**LANE LINE EXTENSIONS**

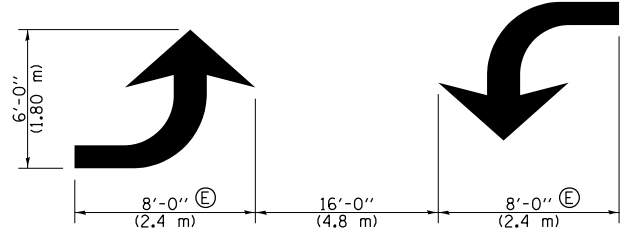


**CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)**



**LEFT ARROW**

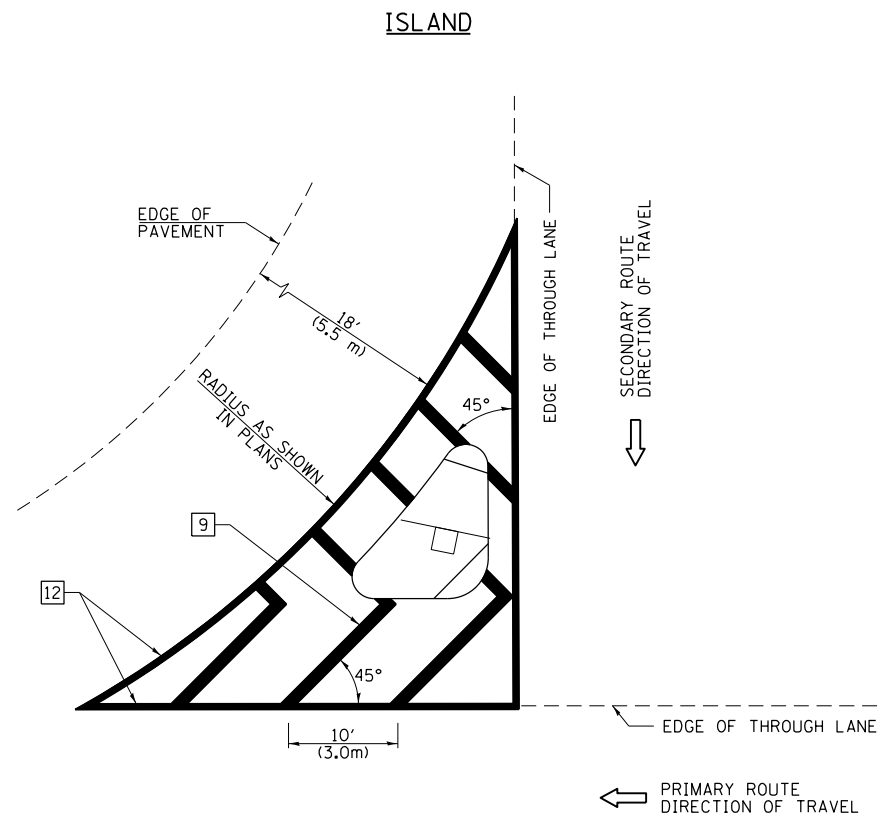
REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)



**TYPICAL DOUBLE TURN ARROWS (WHITE)**

NOT TO SCALE  
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\steffenmk\d0282300\074554-sht-details.dgn	PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -					781	(12,172RS-1)	CRAWFORD	60	58
PLOT DATE = 4/5/2013	DATE -	CHECKED -	REVISED -		CONTRACT NO. 74554							
					ILLINOIS FED. AID PROJECT							



**GENERAL NOTES**

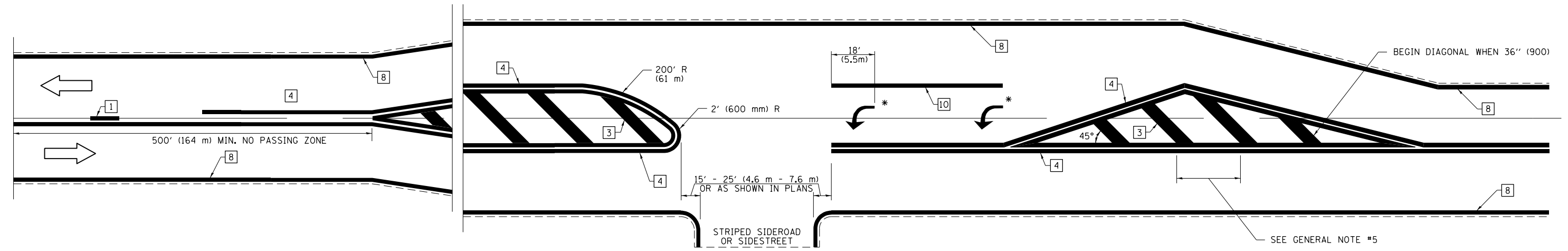
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:
 

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

**PAVEMENT MARKING LEGEND**

- |                                     |  |
|-------------------------------------|--|
| [1] 4" (100) SKIP-DASH (YELLOW)     |  |
| [2] 4" (100) SOLID (YELLOW)         |  |
| [3] 12" (300) DIAGONAL (YELLOW)     |  |
| [4] 4" (100) DOUBLE YELLOW (NARROW) |  |
| [5] 12" (300) SOLID WHITE           |  |
| [6] RESERVED                        |  |
| [7] 6" (150) SKIP-DASH (WHITE)      |  |
| [8] 4" (100) SOLID (WHITE)          |  |
| [9] 12" (300) DIAGONAL (WHITE)      |  |
| [10] 6" (150) SOLID (WHITE)         |  |
| [11] 24" (600) STOP BAR (WHITE)     |  |
| [12] 8" (200) SOLID (WHITE)         |  |
| [13] 4" (100) PARKING WHITE         |  |

**RURAL LEFT TURN STRIPING**



\* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE  
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 7 DETAIL NO. 7800001**

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
ei:\pw\work\p\id\dot\steffenmk\d0282300\0774554-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

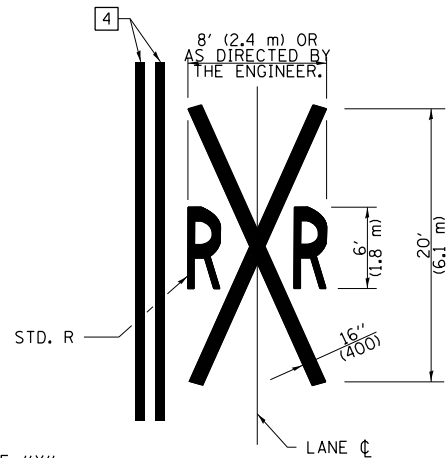
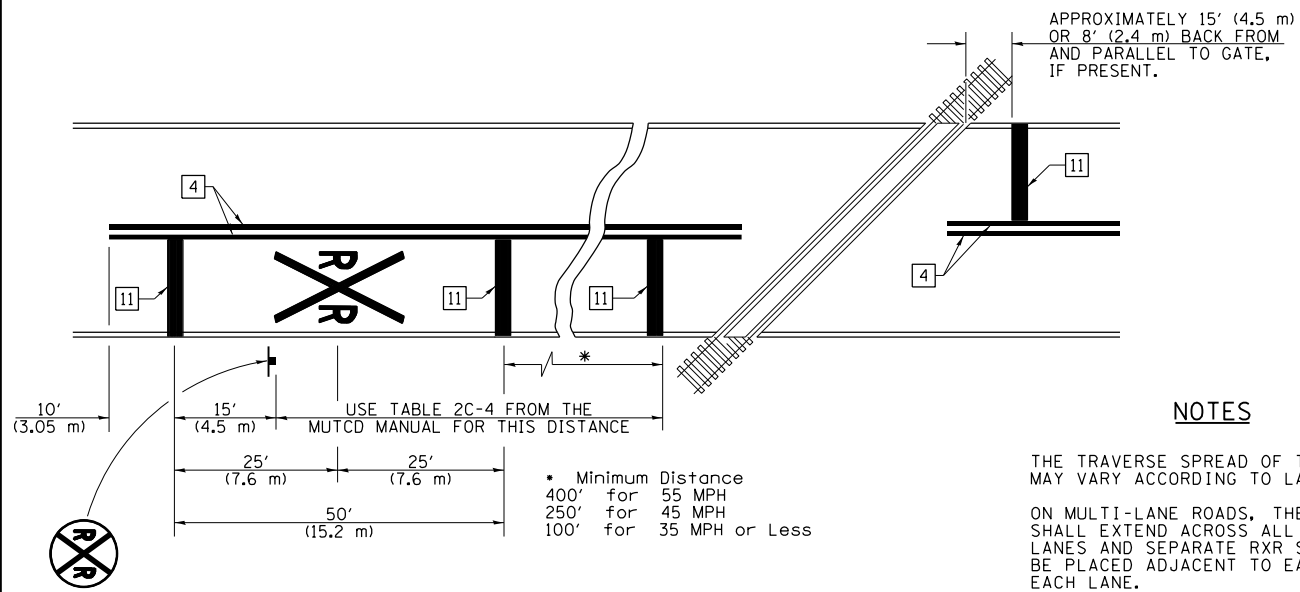
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
 (RURAL & URBAN APPLICATIONS)**

SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(12,172)RS-1	CRAWFORD	60	59
CONTRACT NO. 74554				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



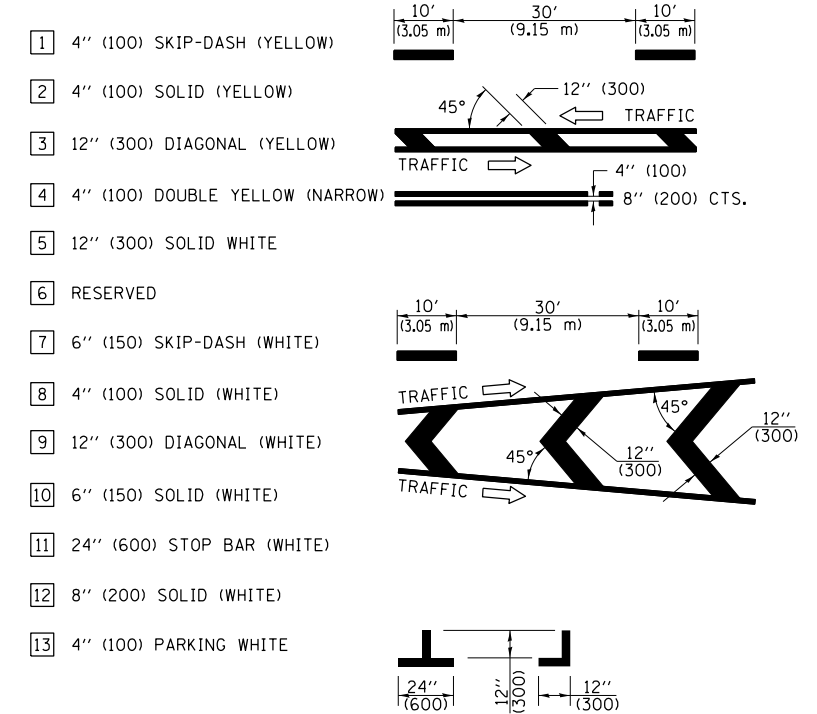
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

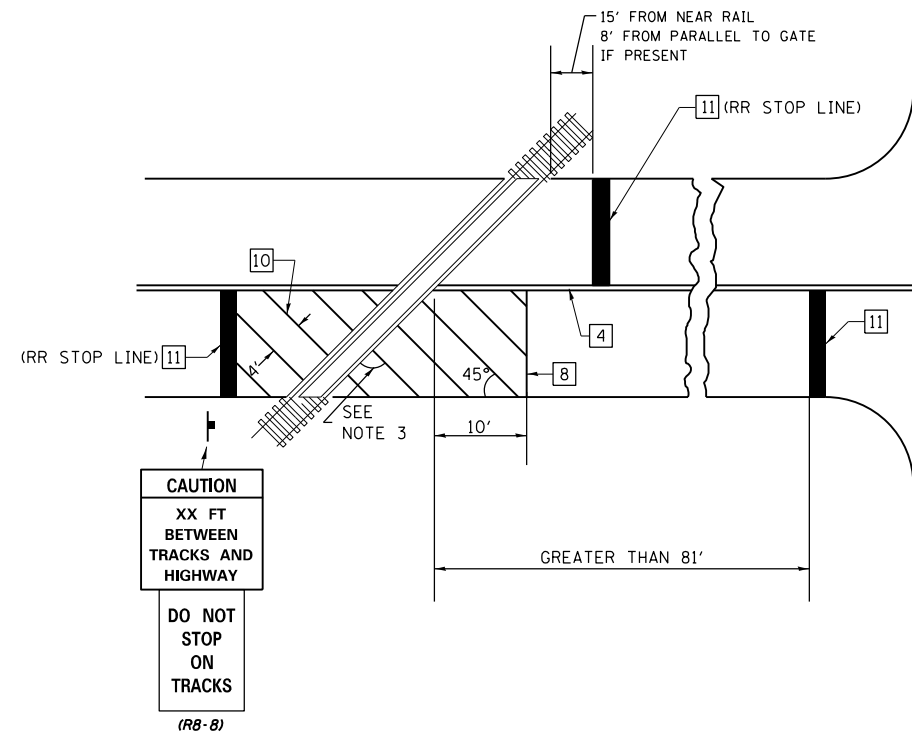
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

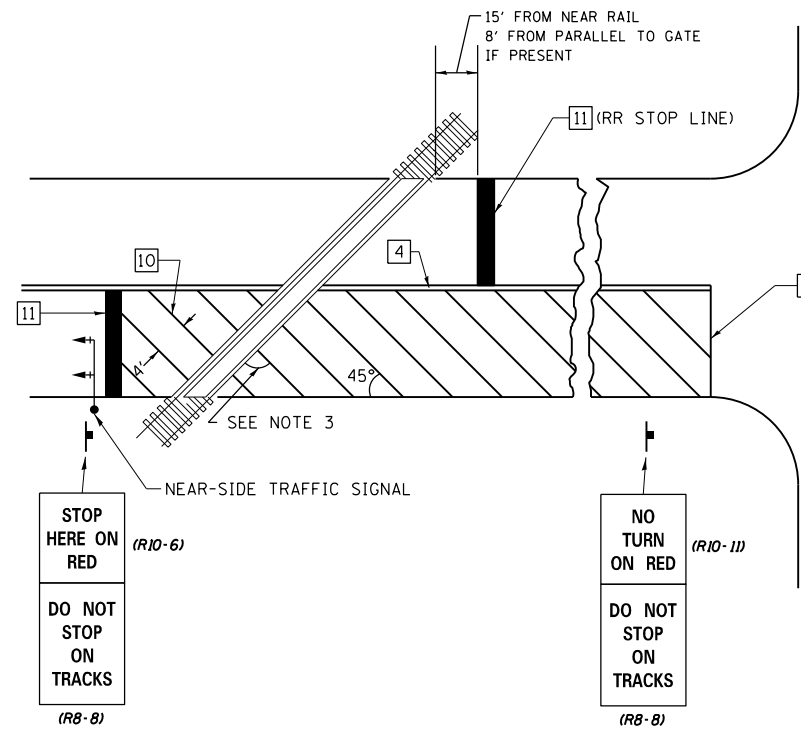
PAVEMENT MARKING LEGEND



RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
c:\pw\work\p\dot\stefmk\d0282300\074554-sht-details.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -
PLOT DATE = 4/5/2013		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: NA SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 7800001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
781	(1Z,17Z)RS-1	CRAWFORD	60	60
CONTRACT NO. 74554				
ILLINOIS FED. AID PROJECT				