

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(16) SFY, Y	KANKAKEE	9	1
			CONTRACT NO. 66K21	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6 SCHEDULES
- 7-9 DETAILS

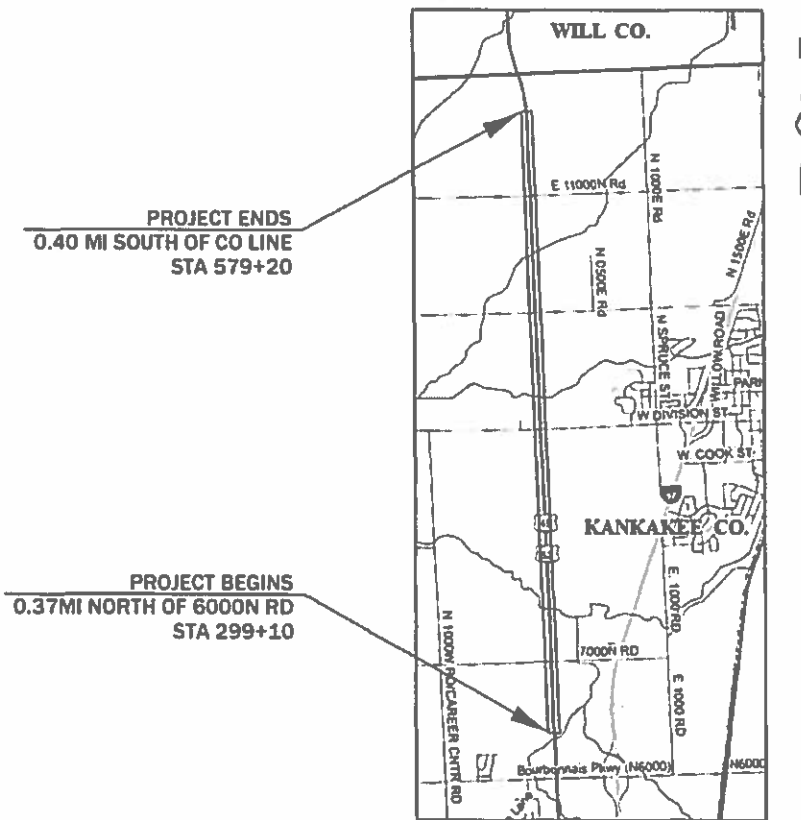
HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 406201-01 MAILBOX TURNOUT
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
- 642006 SHOULDER RUMBLE STRIPS, 8 INCH
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES

**PROPOSED
HIGHWAY PLANS**

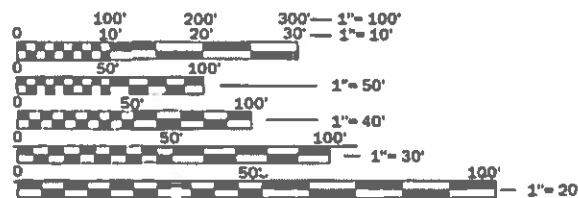
FAP ROUTE 330 (US 45/52)
SECTION (16) SFY, Y
PROJECT: HSIP-652Q (801)
SHOULDER WIDENING AND RUMBLE STRIPES
KANKAKEE COUNTY

C-93-107-19



PROJECT ENDS
0.40 MI SOUTH OF CO LINE
STA 579+20

PROJECT BEGINS
0.37MI NORTH OF 6000N RD
STA 299+10



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: MARC BUDZYNSKI, P.E.
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66K21

GROSS LENGTH = 28,010 FT. = 5.31 MILES
NET LENGTH = 26,163 FT. = 4.96 MILES

US 45/52 - OTHER ARTERIAL
2017 ADT = 9150
P.V. = 87.4% S.U. = 5.2% M.U. = 7.4%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 26, 2020

[Signature]
REGIONAL ENGINEER

MAY 8 20 20
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

MAY 8 20 20
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

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

HMA RESURFACING	112	LBS / SQ YD / IN
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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.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

COMMITMENTS:

LOCATION(S) :	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S) :	SHOULDER BOTTOM LIFT(S)	SHOULDER TOP LIFT (2")
BINDER GRADE (PG) :	PG 64-22	PG 64-22
DESIGN AIR VOIDS :	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	1L-19.0	1L-9.5 FG
FRICTION AGGREGATE :	-	-
MIXTURE WEIGHT :	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE :	N/A	N/A
DENSITY TEST METHOD :	CORES	CORES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

RESIDENT ENGINEER / TECHNICIAN

DATE: _____

START & END DATES
OF CONSTRUCTION: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

INSPECTORS: _____

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(16) SFY, Y	KANKAKEE	9	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66K21	

CONSTR. CODE

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SAFETY
				0021 RURAL
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10333	10333
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	3.5	3.5
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	30	30
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	23037	23037
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	51832	51832
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	140	140
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1.0	1.0
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1.0	1.0
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	6	6
67100100	MOBILIZATION	L SUM	1.0	1.0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1.0	1.0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	106012	106012

*= SPECIALTY ITEM

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**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.
330	(16) SFY. Y	KANKAKEE	9	3
			CONTRACT NO. 66K21	
ILLINOIS FED. AID PROJECT				

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CONSTR. CODE

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	SAFETY
				0021 RURAL
X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	23037	23037
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

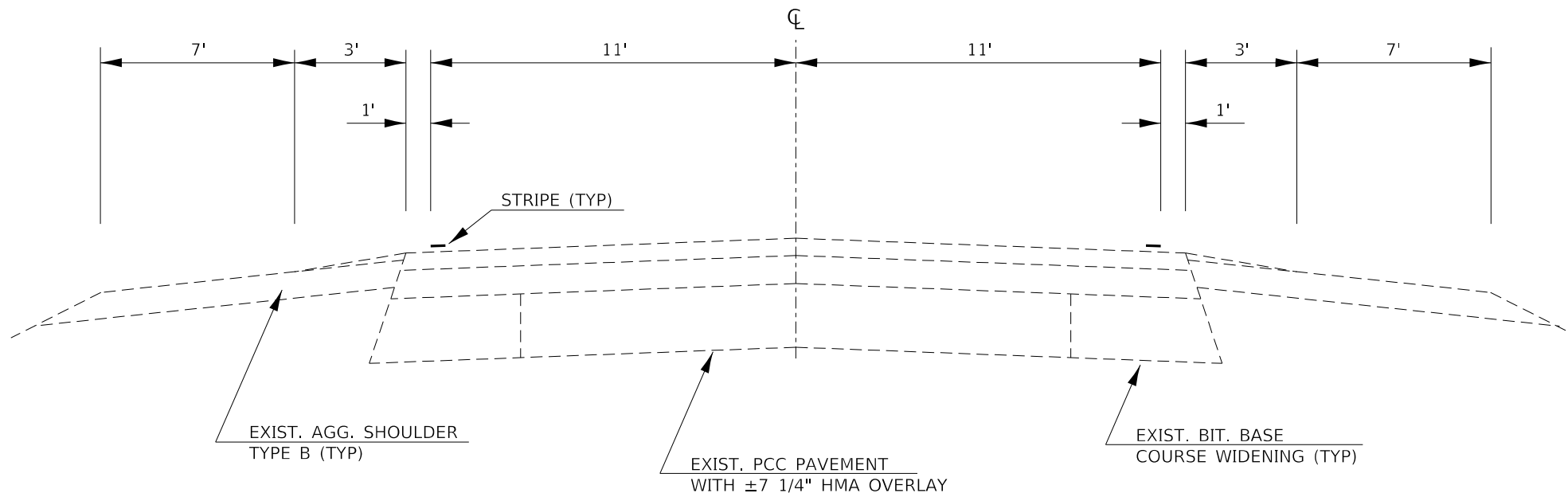
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

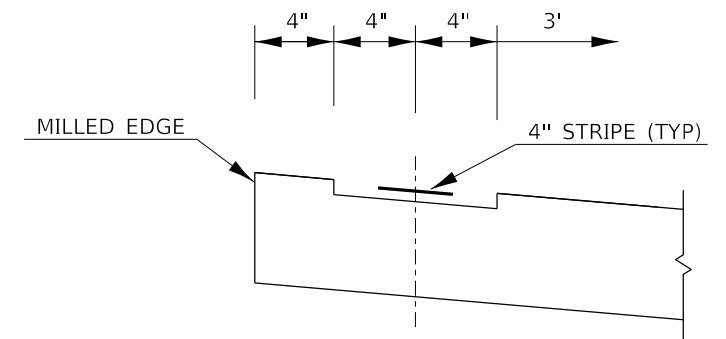
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(16) SFY, Y	KANKAKEE	9	4
CONTRACT NO. 66K21				
ILLINOIS FED. AID PROJECT				

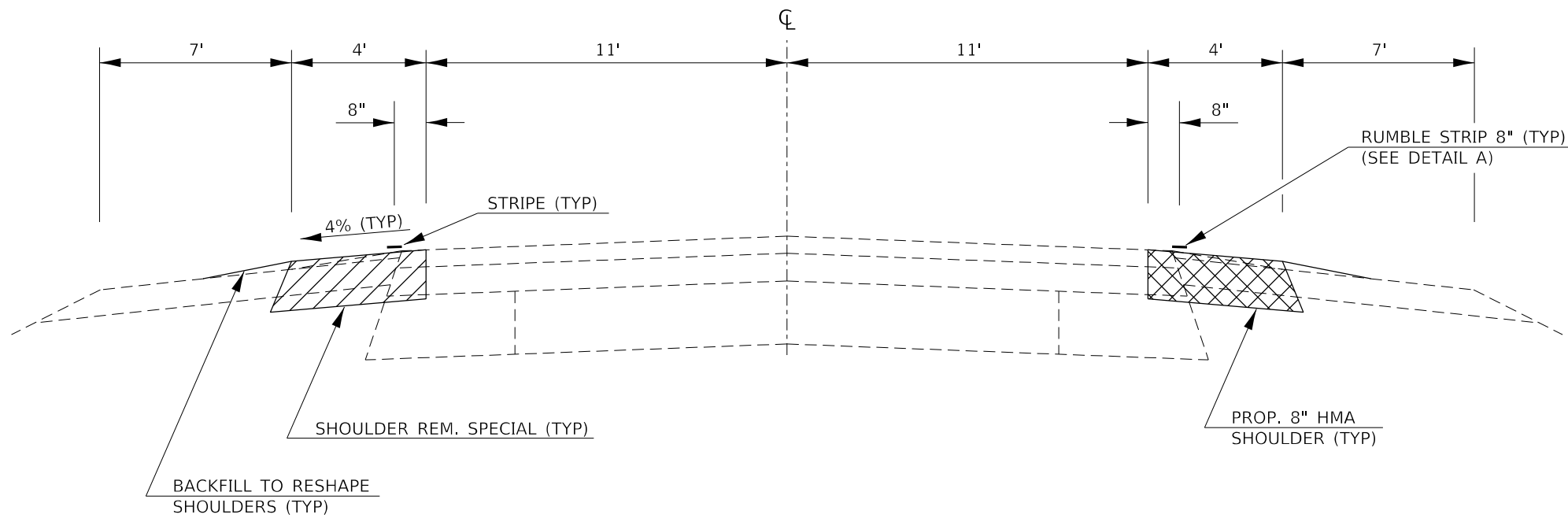


EXISTING TYPICAL SECTION

STA 299+10 TO STA 579+20 (SEE SCHEDULE FOR OMISSIONS)



DETAIL A



PROPOSED TYPICAL SECTION

STA 299+10 TO STA 579+20 (SEE SCHEDULE FOR OMISSIONS)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(16) SFY, Y	KANKAKEE	9	5
CONTRACT NO. 66K21				
ILLINOIS FED. AID PROJECT				

SHOULDER REMOVAL & REPLACEMENT SCHEDULE									
LOCATION			SIDE	LENGTH	SHOULDER REMOVAL (SPECIAL)	HMA SHOULDERS 8"	BIT MTLs TACK COAT	SHOULDER RUMBLE STRIPS 8"	*PAINT PVMT MARKING WHITE 4"
STA	TO	STA	LT / RT	FOOT	SQ YD	SQ YD	POUND	FOOT	FOOT
299+10	TO	301+75	LT	265	118	118	27	265	530
301+75	TO	331+50	LT & RT	2975	2644	2644	1190	5950	11900
W 7000N RD = STA 332+50									
333+50	TO	353+04	LT & RT	1954	1737	1737	782	3908	7816
353+04	TO	353+81	LT	77	34	34	8	77	154
STRUCTURE OMISSION									1892
358+54	TO	395+52	LT & RT	3698	3287	3287	1479	7396	14792
395+52	TO	397+04	LT	152	68	68	15	152	304
397+04	TO	434+49	LT & RT	3745	3329	3329	1498	7490	14980
W 9000N RD = STA 437+83									
441+09	TO	452+90	LT & RT	1181	1050	1050	473	2362	4724
STRUCTURE OMISSION									120
453+20	TO	490+10	LT & RT	3690	3280	3280	1476	7380	14760
W 10000N RD = STA 491+10									
492+10	TO	516+67	LT & RT	2457	2184	2184	983	4914	9828
STRUCTURE OMISSION									336
517+51	TO	543+35	LT & RT	2584	2297	2297	1034	5168	10336
W 11000N RD = STA 544+35									
545+35	TO	579+20	LT & RT	3385	3009	3009	1354	6770	13540
TOTAL				26163	23037	23037	10319	51832	106012

*QUANTITY REPRESENTS TWO SEPARATE APPLICATIONS

SURVEY MONUMENT TABLE					
GPS NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
N/A	NO CENTERLINE CONTROL OR SECTION CORNER PERMANENT SURVEY MARKERS TO BE SET	N/A	N/A	N/A	N/A
ALL KNOWN PERMANENT SURVEY MARKERS OR LAND SURVEY MONUMENTS ARE LOCATED ON THE ROAD SURFACE AND WILL NOT BE DISTURBED BY SHOULDER WIDENING AND RUMBLE STRIP WORK. UNKNOWN MONUMENTS MAY EXIST, AND IF FOUND THE R.E. MUST TIE THEM AND REQUEST PLATS AND PLANS PERSONNEL TO ANALYZE AND GPS ANY MONUMENT SUBJECT TO DAMAGE OR DESTRUCTION FROM THE PROPOSED WORK, AND INFORM THEM TO RESET THOSE MONUMENTS UPON JOB COMPLETION. THE R.E. IS TO INFORM THE PLATS AND PLANS SECTION TO SEARCH FOR ADDITIONAL MONUMENTS IF THE JOB LIMITS ARE EXPANDED DURING CONSTRUCTION. NO MONUMENT RECORDS WILL BE REQUIRED FOR THIS JOB.					

MAILBOX TURNOUT REMOVAL & REPLACEMENT SCHEDULE			
STA / SIDE	HMA SURF REMOVAL 2"	INCIDENTAL HMA SURF 2"	BIT MTLs TACK COAT
	SQ YD	TON	POUND
424+80 LT	17.0	2.0	8
514+38 LT	13.0	1.5	6
TOTAL	30.0	3.5	14

THE FIRST 4 FEET OF THE MBTO ADJACENT TO THE TRAVELED WAY IS PAID AS SHOULDER REMOVAL (SPECIAL) AND HMA SHOULDERS 8". THE REMAINING AREA OF THE MBTO IS PAID AS HMA SURFACE REMOVAL 2" AND INCIDENTAL HMA SURFACE 2".

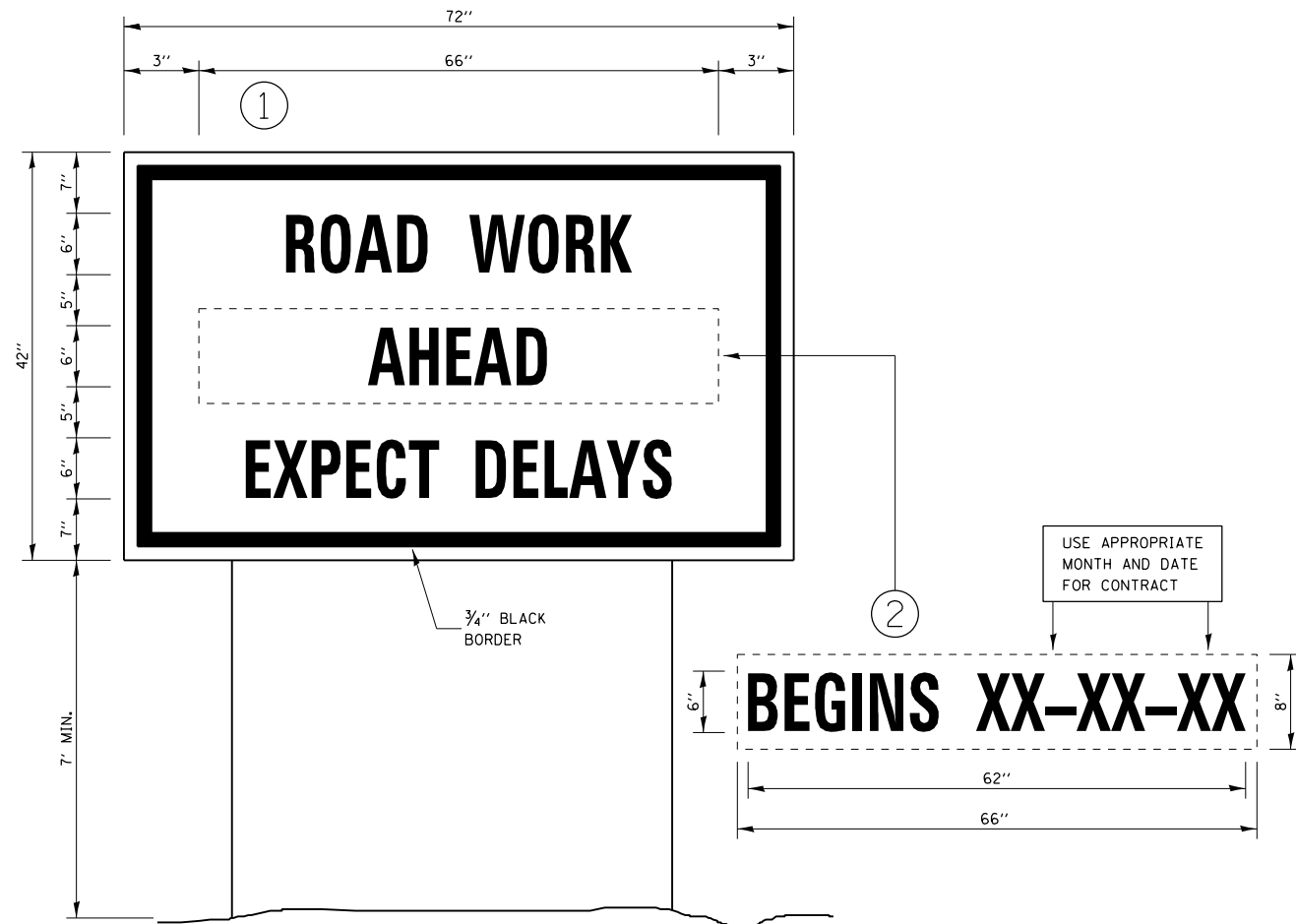
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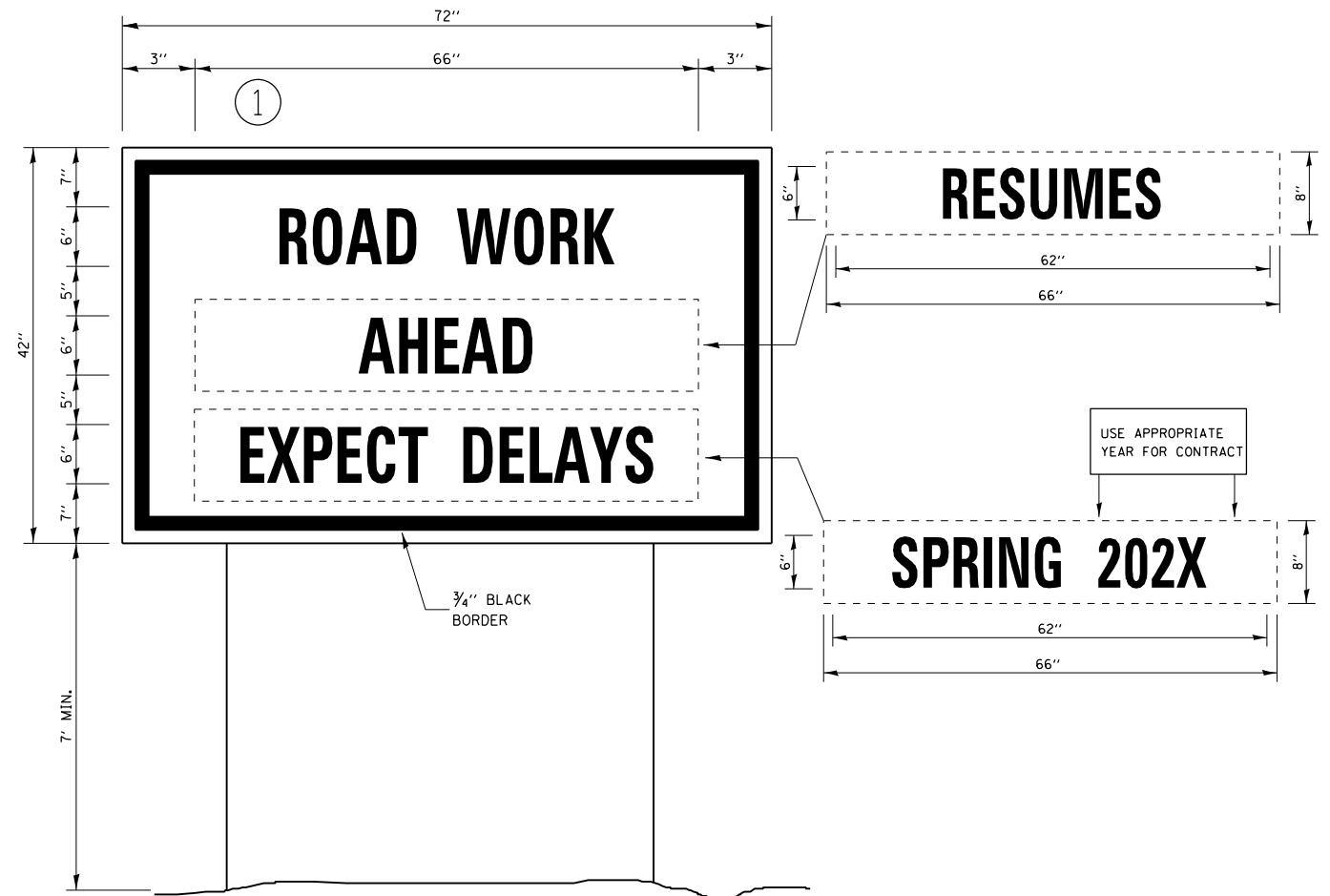
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(16) SFY. Y	KANKAKEE	9	6
CONTRACT NO. 66K21				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING



WINTER SHUT DOWN SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

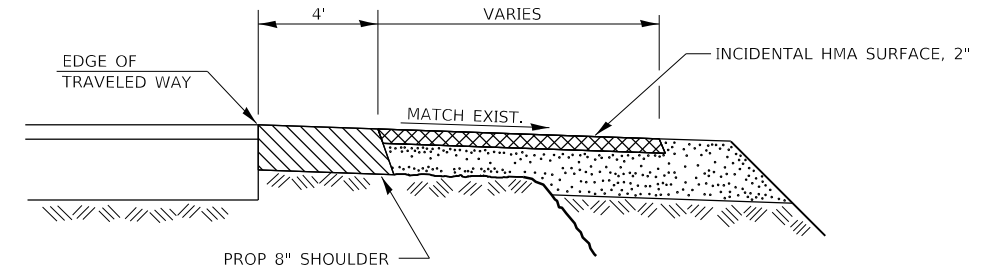
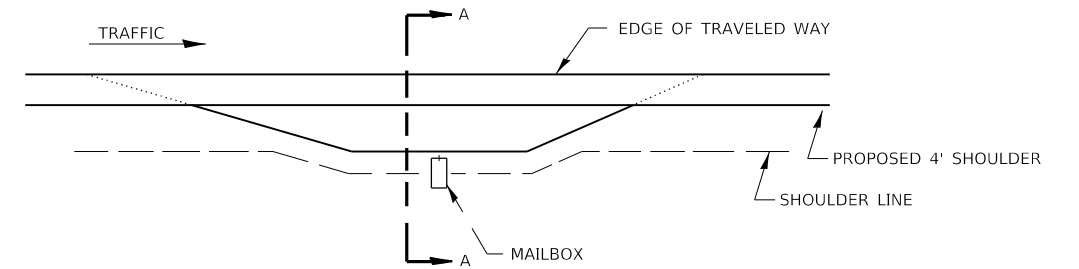
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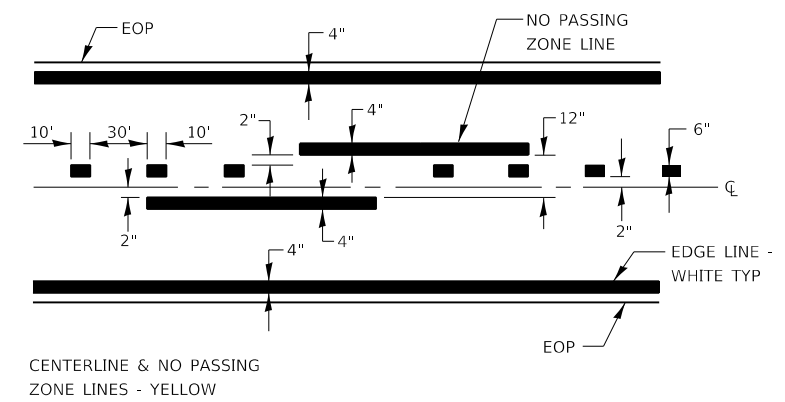
**STATE OF ILLINOIS
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DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(16) SFY. Y	KANKAKEE	9	7
			CONTRACT NO. 66K21	
		ILLINOIS	FED. AID PROJECT	



SECTION A-A
RURAL MAILBOX TURNOUT DETAILS



PAVEMENT MARKING

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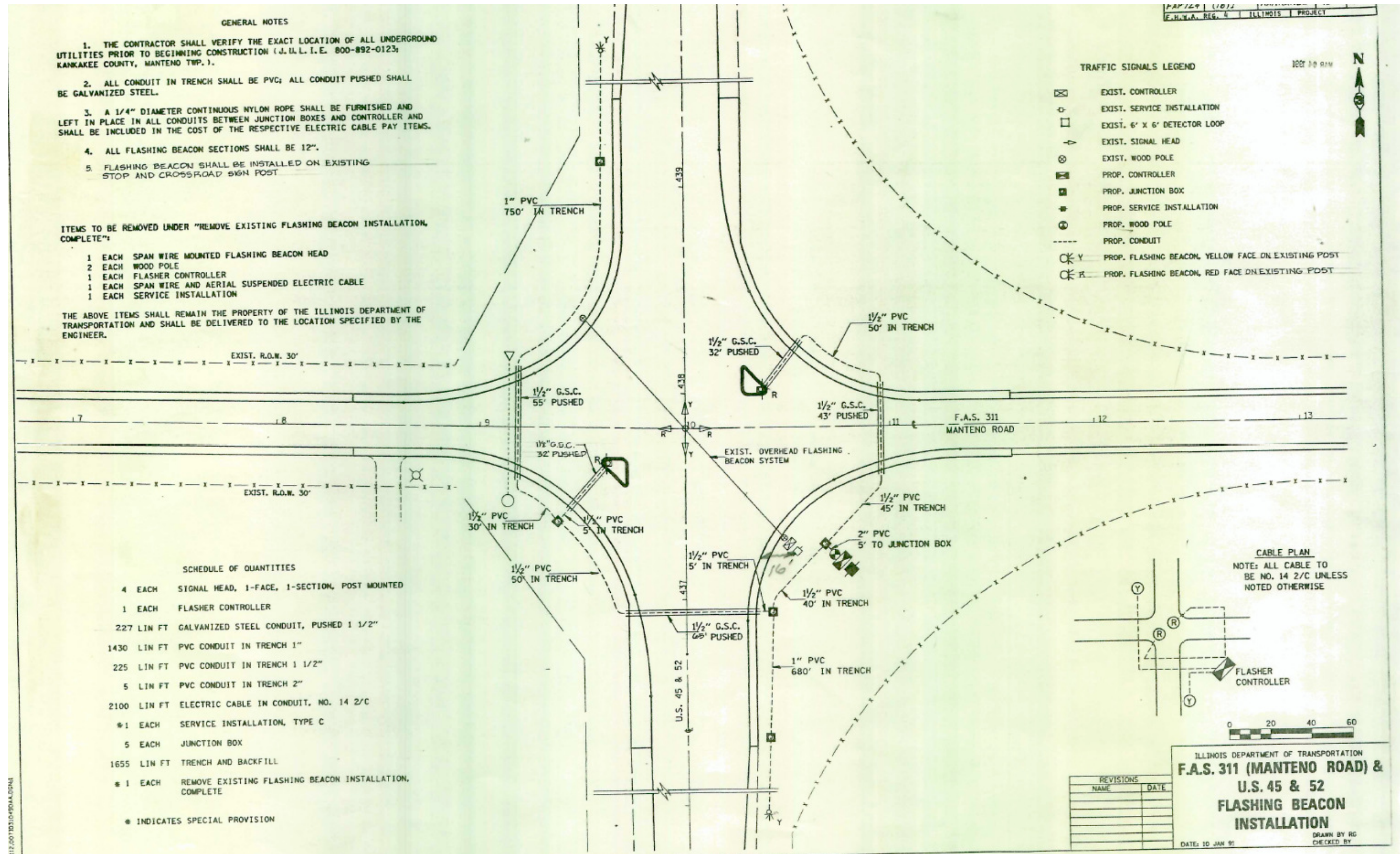
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(16) SFY, Y	KANKAKEE	9	8
			CONTRACT NO. 66K21	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY INTERSECTION OF US 45/52 AND MANTENO RD (W 9000N RD)



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	(16) SFY, Y	KANKAKEE	9	9
			CONTRACT NO. 66K21	
ILLINOIS FED. AID PROJECT				