

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	(13) SFY	FORD	9	1
		ILLINOIS	CONTRACT NO. 66N33	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTIONS
- 6 PROJECT STATIONING
- 7 SCHEDULES
- 8-9 DETAILS

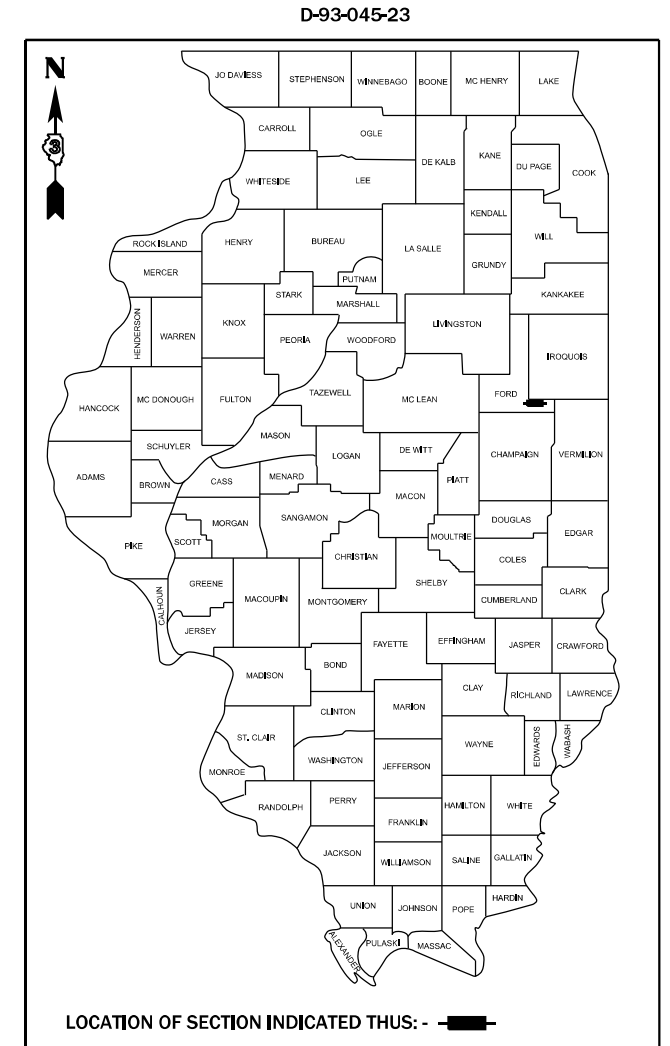
HIGHWAY STANDARDS

- 000001-08 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
- 642006-01 SHOULDER RUMBLE STRIPS, 8 INCH
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" 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

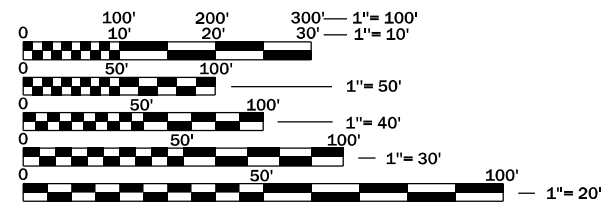
**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 697 (IL 9)
SECTION (13) SFY
PROJECT: HSIP - AFY1 (069)
SHOULDER WIDENING & RUMBLE STRIPS
FORD COUNTY**

C-93-065-23

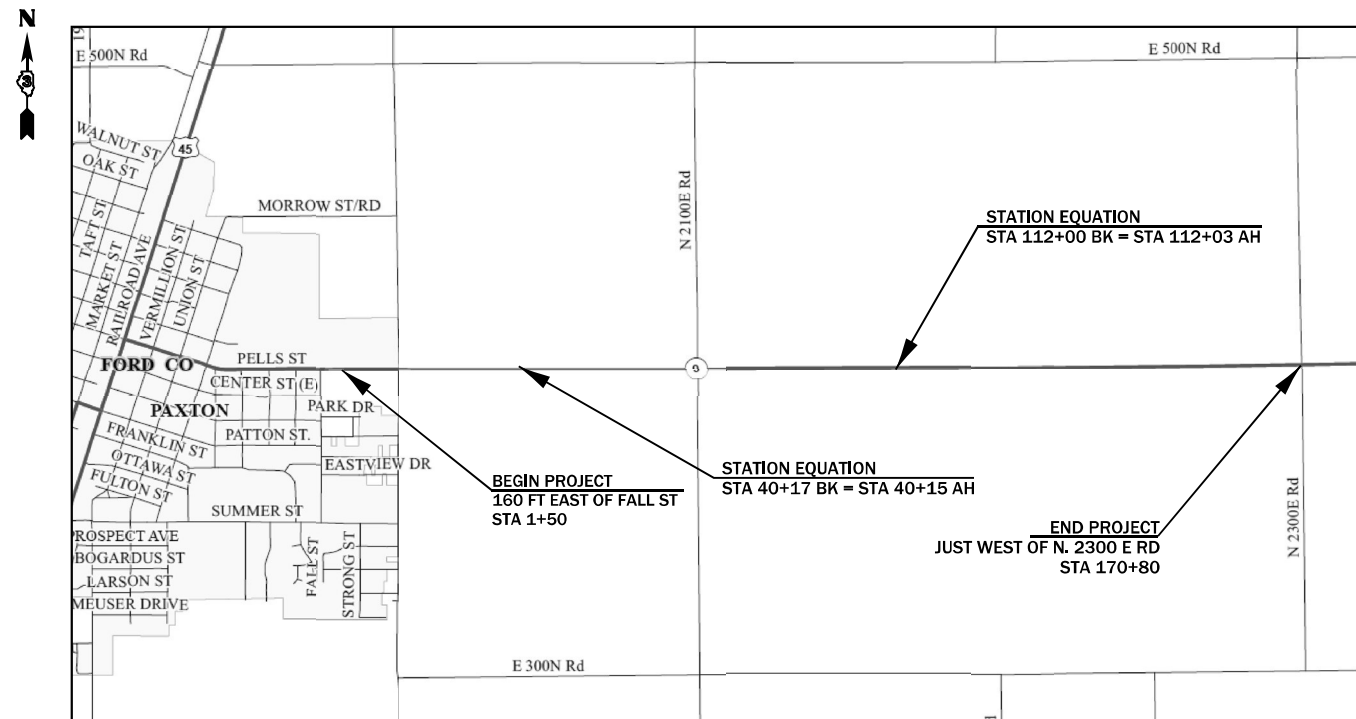


FUNCTION CLASSIFICATION:
MINOR ARTERIAL
2021 ADT = 1900
P.V. = 82.1% S.U. = 7.4% M.U. = 10.5%



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



GROSS LENGTH = 16929 FT. = 3.2 MILE
NET LENGTH = 16929 FT. = 3.2 MILE

PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: MARC BUDZYNSKI, P.E.
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66N33

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 30 2023

[Signature] REGIONAL ENGINEER
August 18, 2023

[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
August 18, 2023

[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.

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

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

HMA RESURFACING	112	LBS / SQ YD / IN
-----------------	-----	------------------

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

COMMITMENTS:

ENVIRONMENTAL

HMA MIXTURE REQUIREMENT TABLE			
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SHOULDER BOTTOM LIFT (S)	HMA SHOULDER TOP LIFT	HMA INCIDENTAL
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE:		MIXTURE C	
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA
SUBLOT SIZE:	NA	NA	NA
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED):	NO	NO	NO

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

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PLOT SCALE = 50,000 ' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 6/30/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**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.
697	(13) 5FY	FORD	9	2
CONTRACT NO. 66N33				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				90% FED 10% STATE
				SAFETY
				0021
				RURAL
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13505	13505
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	17	17
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	147	147
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	14921	14921
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	29538	29538
* 66900200	NON-SPECIAL WASTE DISPOSAL	CY YD	720	720
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	8	8
67100100	MOBILIZATION	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	15
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	67136	67136

* = SPECIALTY ITEM

USER NAME = brandon.criss	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE. 697	SECTION (13) 5FY	COUNTY FORD	TOTAL SHEETS 9	SHEET NO. 3
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FED 10% STATE	SAFETY 0021 RURAL
X0800001	SHOULDER REMOVAL (SPECIAL)	SQ YD	14921	14921	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42	

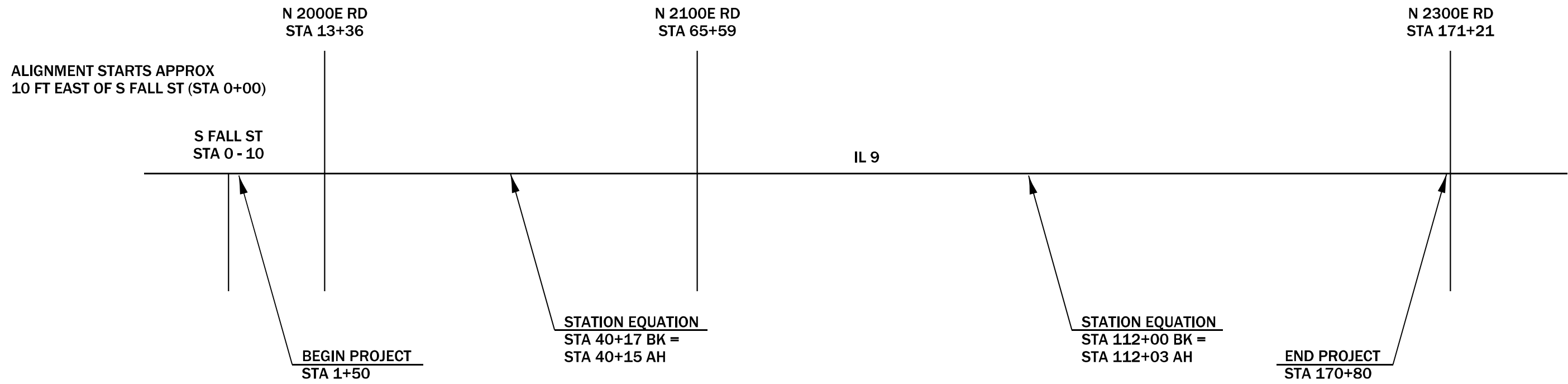
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PLOT DATE = 6/30/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE: _____	SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 697	SECTION (13) 5FY	COUNTY FORD	TOTAL SHEETS 9	SHEET NO. 4
CONTRACT NO. 66N33			ILLINOIS FED. AID PROJECT	



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PLOT DATE = 6/30/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROJECT STATIONING

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 697	SECTION (13) 5FY	COUNTY FORD	TOTAL SHEETS 9	SHEET NO. 6
CONTRACT NO. 66N33				
ILLINOIS FED. AID PROJECT				

SHOULDER REMOVAL & REPLACEMENT SCHEDULE									
LOCATION			SIDE	LENGTH	SHOULDER REMOVAL (SPECIAL)	HMA SHOULDERS 8"	BIT MTL S TACK COAT	SHOULDER RUMBLE STRIPS, 8"	*MOD URETH PVMT MARKING WHITE 4"
STA	TO	STA	LT / RT	FOOT	SQ YD	SQ YD	POUND	FOOT	FOOT
1+50	TO	12+90	LT & RT	1140	1014	1014	913		4560
N 2000E RD = STA 13+36									
13+75	TO	22+50	LT & RT	875	778	778	701		3500
22+50	TO	40+17	LT & RT	1767	1571	1571	1414	3534	7068
STATION EQUATION STA 40+17 BK = STA 40+15 AH									
40+15	TO	65+20	LT & RT	2505	2227	2227	2005	5010	10020
N 2100E RD = STA 65+59									
65+80	TO	112+00	LT & RT	4620	4107	4107	3697	9240	18480
STATION EQUATION STA 112+00 BK = STA 112+03 AH									
112+03	TO	170+80	LT & RT	5877	5224	5224	4702	11754	23508
N 2300E RD = STA 171+00									
TOTAL				16784	14921	14921	13432	29538	67136

*QUANTITIES REPRESENT TWO APPLICATIONS

MAILBOX TURNOUT SCHEDULE				
STA / SIDE		HMA SURF REMOVAL 2"	INCIDENTAL HMA SURF 2"	BIT MTL S TACK COAT
		SQ YD	TON	POUND
4+80	LT	11.7	1.4	6
9+12	LT	20	2.3	9
17+56	LT	8.3	1	4
19+34	LT	5	0.6	3
45+53	LT	6.9	0.8	4
54+43	LT	9.2	1.1	5
68+69	LT	12.7	1.5	6
103+21	LT	16.7	1.9	8
108+45	LT	20.2	2.3	10
109+90	LT	14.3	1.7	7
151+12	LT	11.5	1.3	6
156+74	LT	10.5	1.2	5
TOTAL		147	17	73

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".

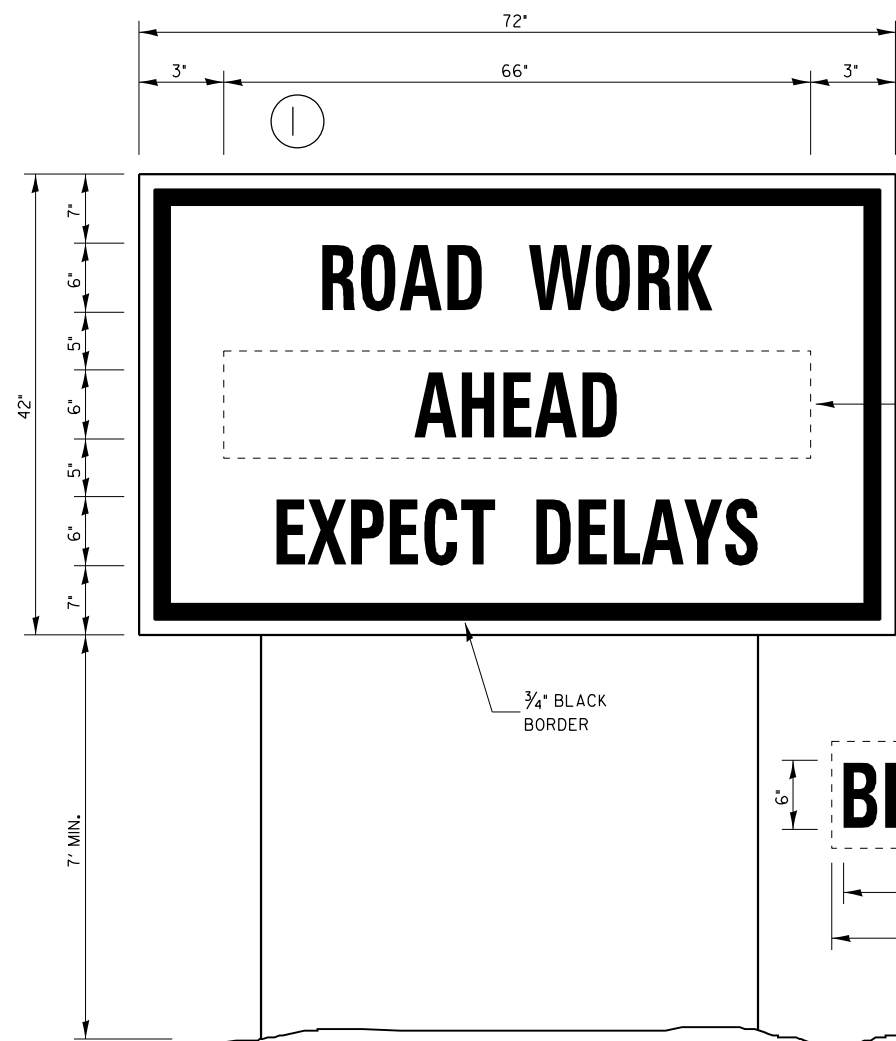
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DRAWN - _____	REVISIONS - _____	
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PLOT DATE = 6/30/2023	DATE - _____	REVISED - _____

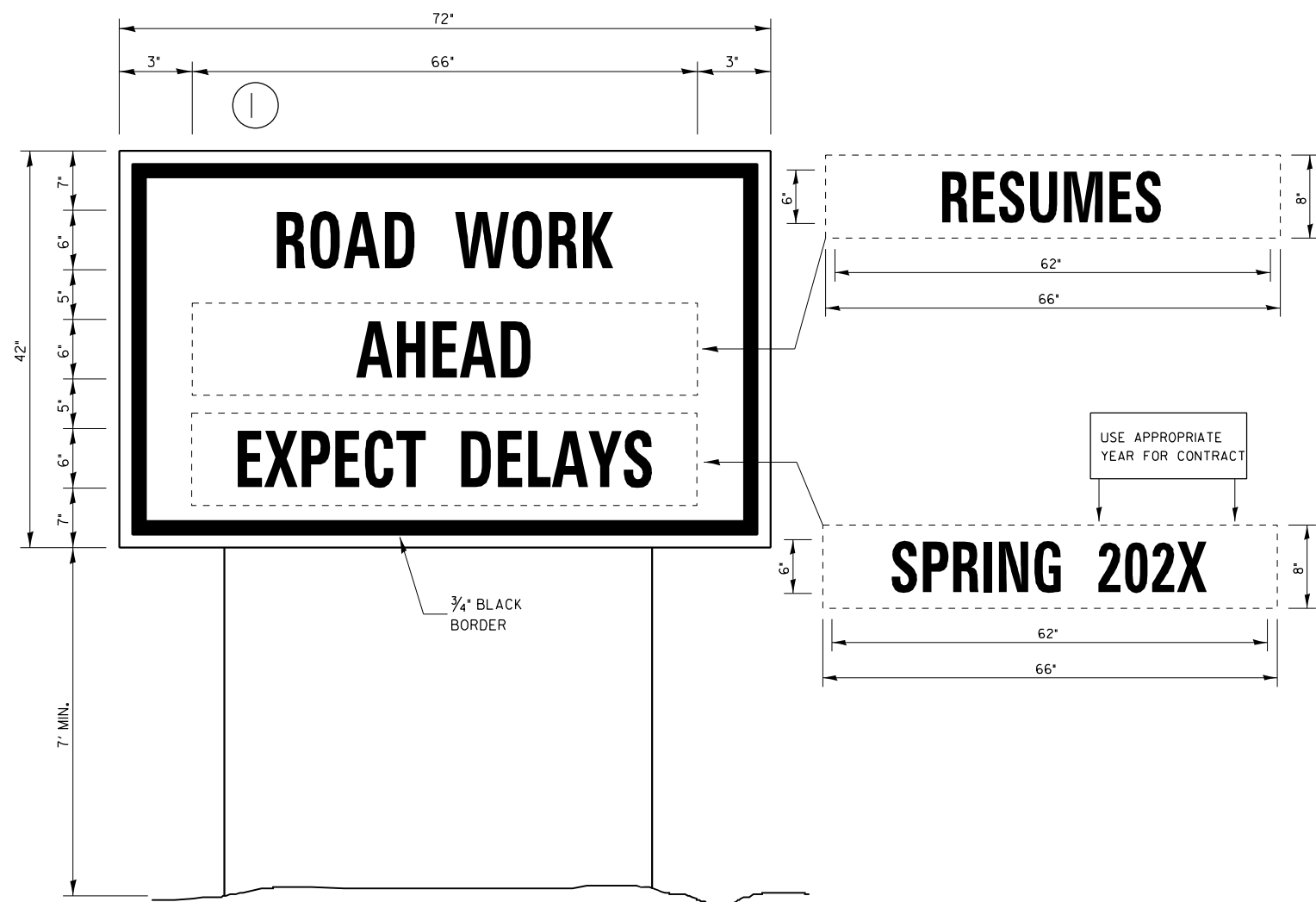
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	(13) SFY	FORD	9	7
CONTRACT NO. 66N33			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 ② 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 SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 2150 FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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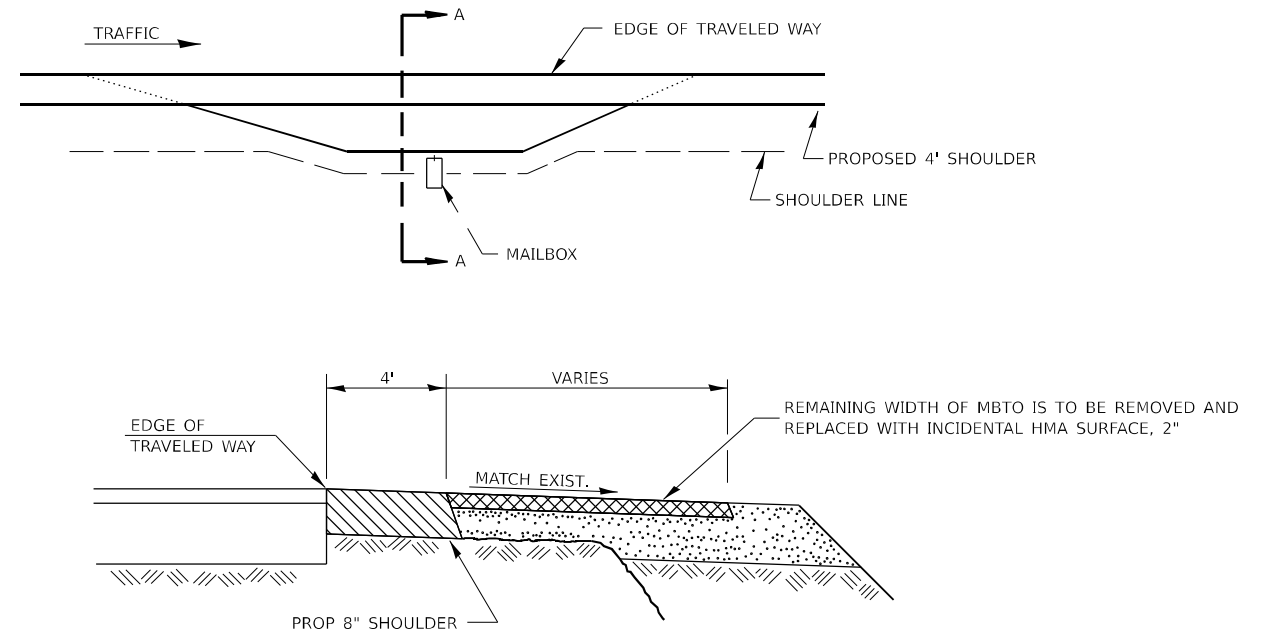
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PLOT DATE = 6/30/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

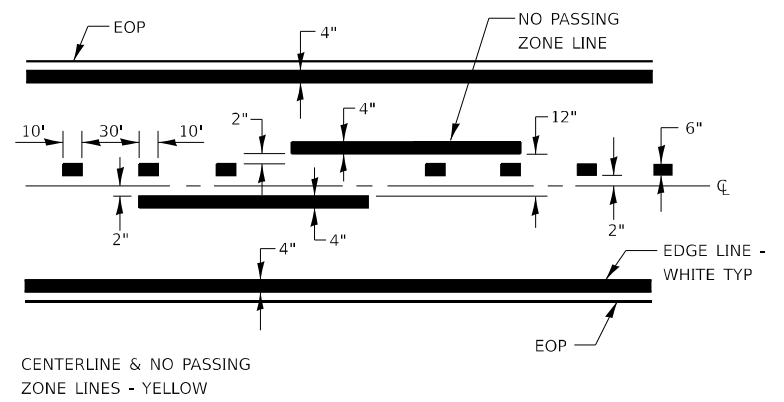
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
697	(13) 5FY	FORD	9	8
			CONTRACT NO. 66N33	
ILLINOIS FED. AID PROJECT				



SECTION A-A

RURAL MAILBOX TURNOUT DETAILS



PAVEMENT MARKING

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PLOT DATE = 6/30/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS	
SCALE: _____	SHEET ____ OF ____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE. 697	SECTION (13) SFY	COUNTY FORD	TOTAL SHEETS 9	SHEET NO. 9
CONTRACT NO. 66N33				
ILLINOIS FED. AID PROJECT				