

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111,118)CJS	GRUNDY	7	1
		ILLINOIS	CONTRACT NO. 66M71	

PROPOSED HIGHWAY PLANS

FAP ROUTE 326 (IL 47)
SECTION (111,118)CJS
PROJECT NHPP-K2FG(388)
CRACK & JOINT SEALING
GRUNDY COUNTY

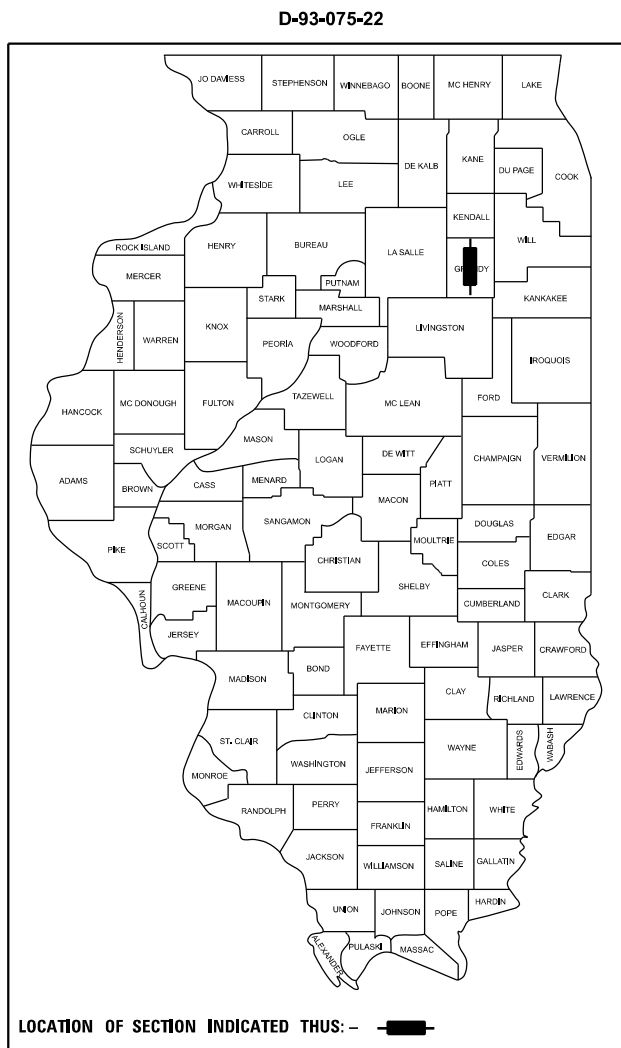
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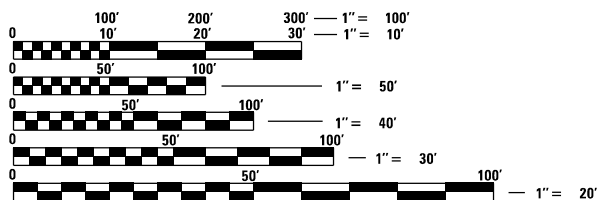
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULES
- 5-6 TYPICAL SECTIONS
- 6 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS \geq 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701901-08 TRAFFIC CONTROL DEVICES
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN



OTHER PRINCIPAL ARTERIAL
2022 ADT = 13200
P.V.=85.18%
S.U.=5.79%
M.U.=9.03%

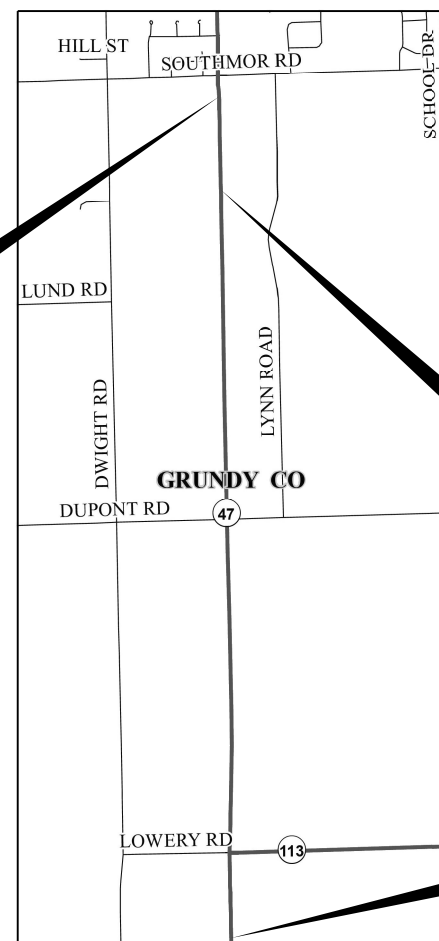


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER BRAD DUNCAN (815) 434-8420
UNIT CHIEF STEPHENIE CARMIN (815) 434-8559

CONTRACT NO. 66M71



END PROJECT STA
935+30 IL 47
0.1 MI SOUTH OF
SOUTHMOR RD

URBAN STA 915+30-
TO STA 935+30
RURAL STA 746+00
TO STA 915+30

BEGIN PROJECT STA
746+00 IL 47
0.2 MI SOUTH OF IL 113

GROSS LENGTH = 18930 FT. = 3.59 MILE
NET LENGTH = 18930 FT. = 3.59 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 24 2023
David Arnold
REGIONAL ENGINEER

May 12, 2023 *Jack A. Etk*
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 *Stephen M. Smith*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES FOR CRACK FILLING

CRACK FILLING	0.35	POUNDS / FOOT
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THE INTENT OF THIS PROJECT IS TO SEAL WORKING TRANSVERSE CRACKS AND PRIMARY LONGITUDINAL CRACKS GREATER THAN 1/4" IN WIDTH. SECONDARY CRACKS GREATER THAN 1/4" IN WIDTH SHALL BE CLEANED AND SEALED.

PLAN DIMENSIONS AND DETAIL RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION OF ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED BASED UPON THE UNIT BID PRICE.

COMMITMENTS

NONE.

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USER NAME = Cody,MJohnson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	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.
326	(111,118)CJS	GRUNDY	7	2
CONTRACT NO. 66M71				
		ILLINOIS	FED. AID PROJECT	

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 PROJECT: ...
 USER: ...
 DATE: ...

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				NHPP FED 80% STATE 20%	NHPP FED 80% STATE 20%
				ROADWAY	ROADWAY
				0005 RURAL	0005 URBAN
45100200	CRACK FILLING	POUND	10041	8846	1195
67100100	MOBILIZATION	L SUM	1	0.8	0.2
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.8	0.2
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22007	19518	2489
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4904	4494	410
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	8153	7255	898
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	21	21

*= SPECIALTY ITEM

USER NAME = Joshua.Ferguson	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 40,000' / In.	CHECKED - _____	REVISED - _____
PLOT DATE = 3/27/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111,118)CJS	GRUNDY	7	3
CONTRACT NO. 66M71				
ILLINOIS FED. AID PROJECT				

CRACK FILLING			
LOCATION			CRACK FILLING
GRUNDY COUNTY			POUND
STA	TO	STA	
RURAL			
746+00	TO	915+30	8846
URBAN			
915+30	TO	935+30	1195
PROJECT TOTAL			10041

PAVEMENT MARKING SCHEDULE					
LOCATION			THERMOPLASTIC	THERMOPLASTIC	PVMT MARKING
			PVMT MRK LINE	PVMT MRK LINE	REMOVAL
			1 APP	1 APP	WATER BLASTING
			4"	6"	
GRUNDY COUNTY			FOOT	FOOT	SQ FOOT
STA	TO	STA			
RURAL					
746+00	TO	915+30	19518	4494	7255
URBAN					
915+30	TO	935+30	2489	410	898
PROJECT TOTAL			22007	4904	8153

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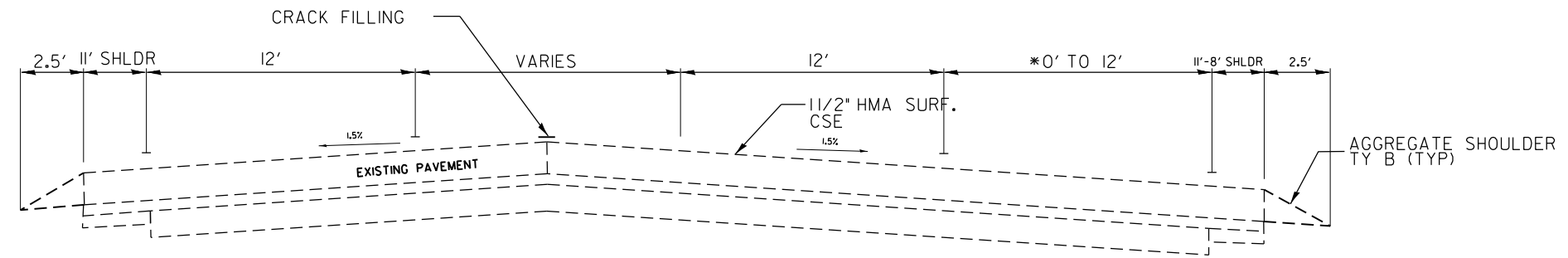
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	DRAWN - _____	REVISED - _____
PLOT SCALE = 40,000' = 1 in.	CHECKED - _____	REVISED - _____
PLOT DATE = 3/24/2023	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

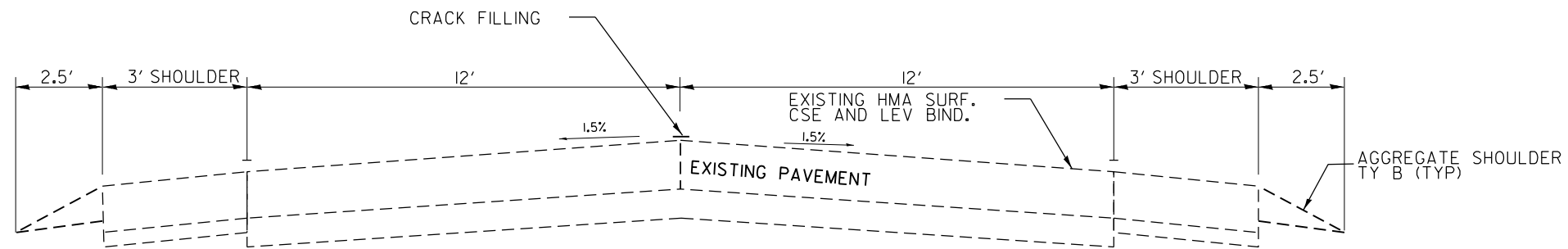
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326	(111,118)CJS	GRUNDY	7	4
CONTRACT NO. 66M71				
		ILLINOIS	FED. AID PROJECT	



TYPICAL SECTION A

STA. 746+00 TO STA. 766+13

* STA. 750+42 TO STA. 752+21

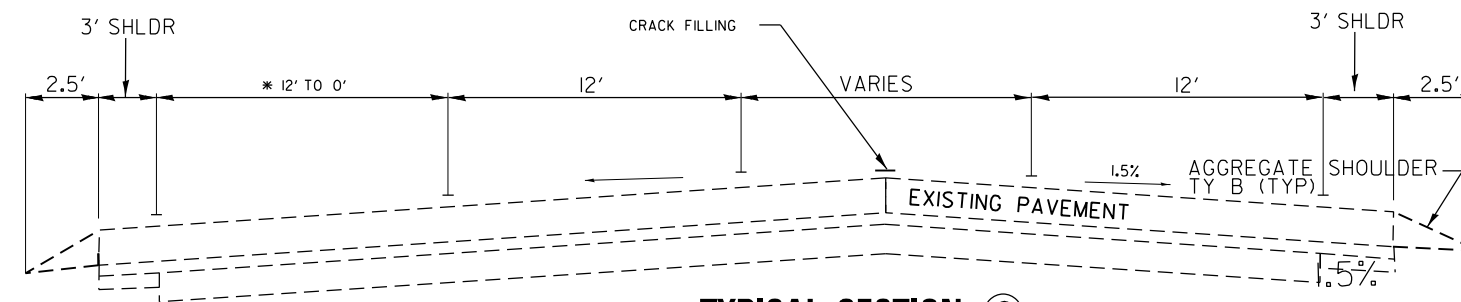


TYPICAL SECTION B

STA. 766+13 TO STA. 828+53

STA. 842+15 TO STA. 895+90

STA. 910+16 TO STA. 926+85



TYPICAL SECTION C

STA. 828+53 TO STA. 842+15

* STA. 835+85 TO STA. 839+15

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 DATE: 3/24/2023

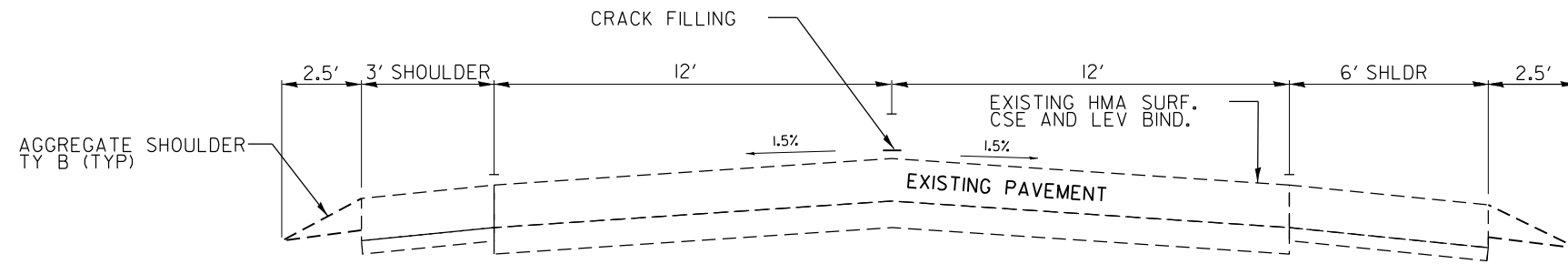
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	DRAWN -	REVISED -
PLOT SCALE = 40,000' / 1 in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

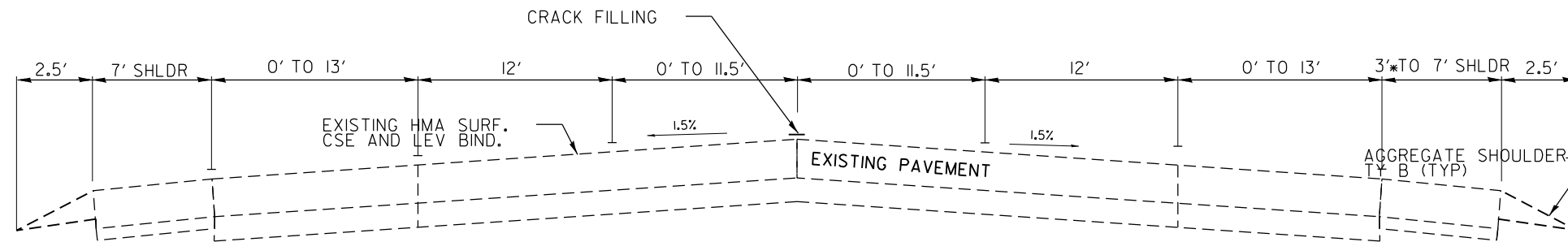
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111,118)CJS	GRUNDY	7	5
CONTRACT NO. 66M71				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION (D)

STA. 895+90 TO STA. 910+16



TYPICAL SECTION (E)

STA. 926+85 TO STA. 935+30

*STA 928+90 TO STA. 929+10

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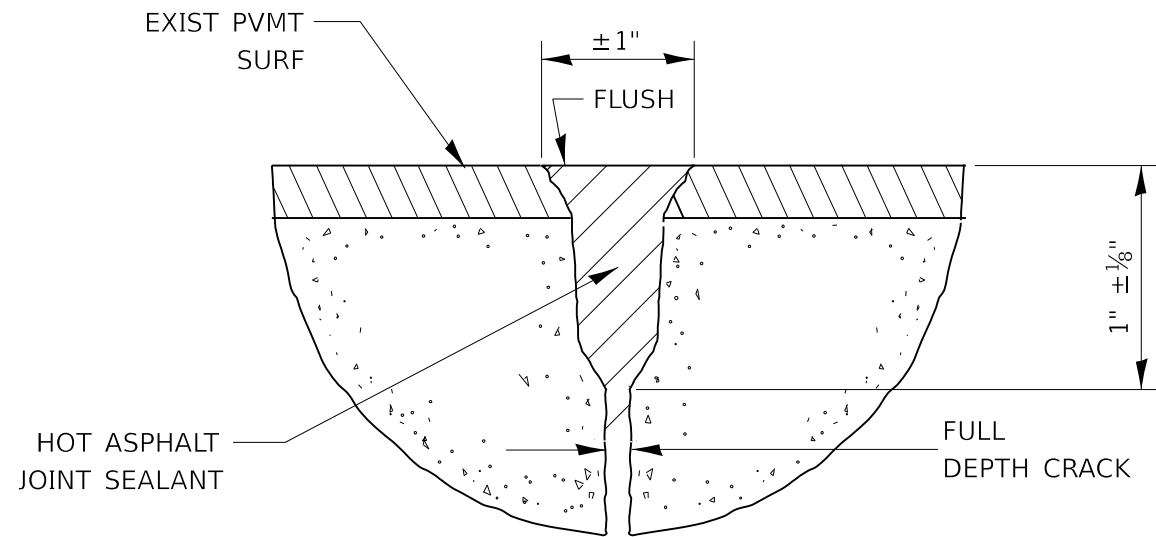
USER NAME = Cody, M. Johnson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
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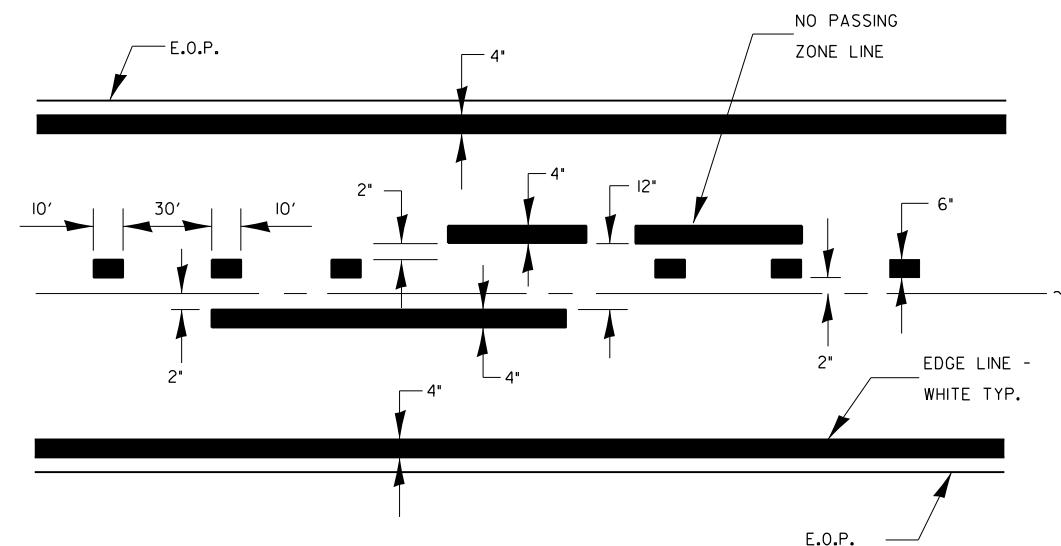
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111,118)CJS	GRUNDY	7	6
CONTRACT NO. 66M71				
ILLINOIS FED. AID PROJECT				

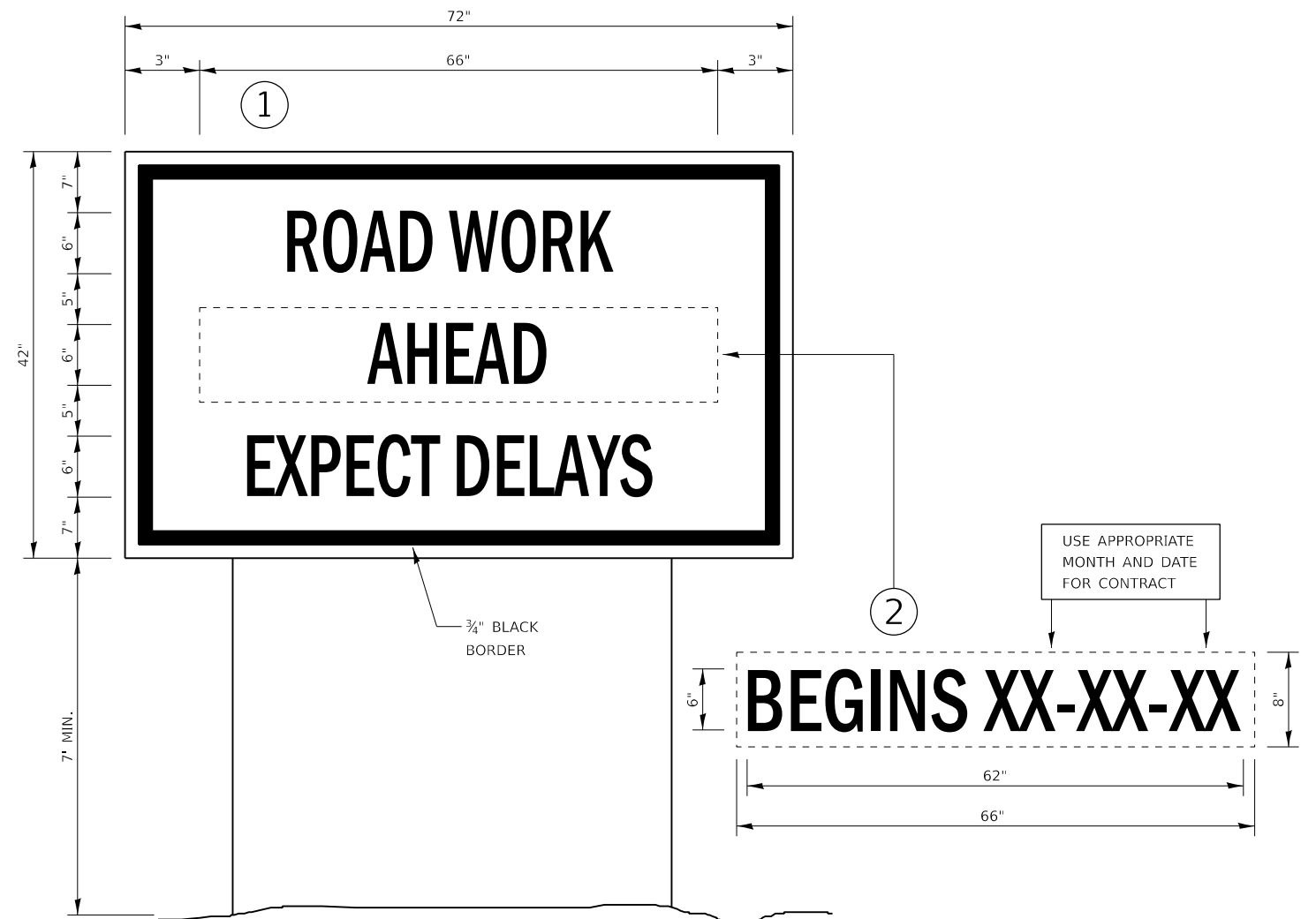


SEALING CRACKS (PAVEMENT) DETAIL



CENTERLINE & NO PASSING
ZONE LINES - YELLOW

PAVEMENT MARKING



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLUORESCENT 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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DETAILS

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

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ILLINOIS FED. AID PROJECT				