

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	(31)CJS	LASALLE	7	1
		ILLINOIS	CONTRACT NO. 66L05	

INDEX OF SHEETS

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- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 LINE DIAGRAM
- 6 SCHEDULES
- 7 DETAIL

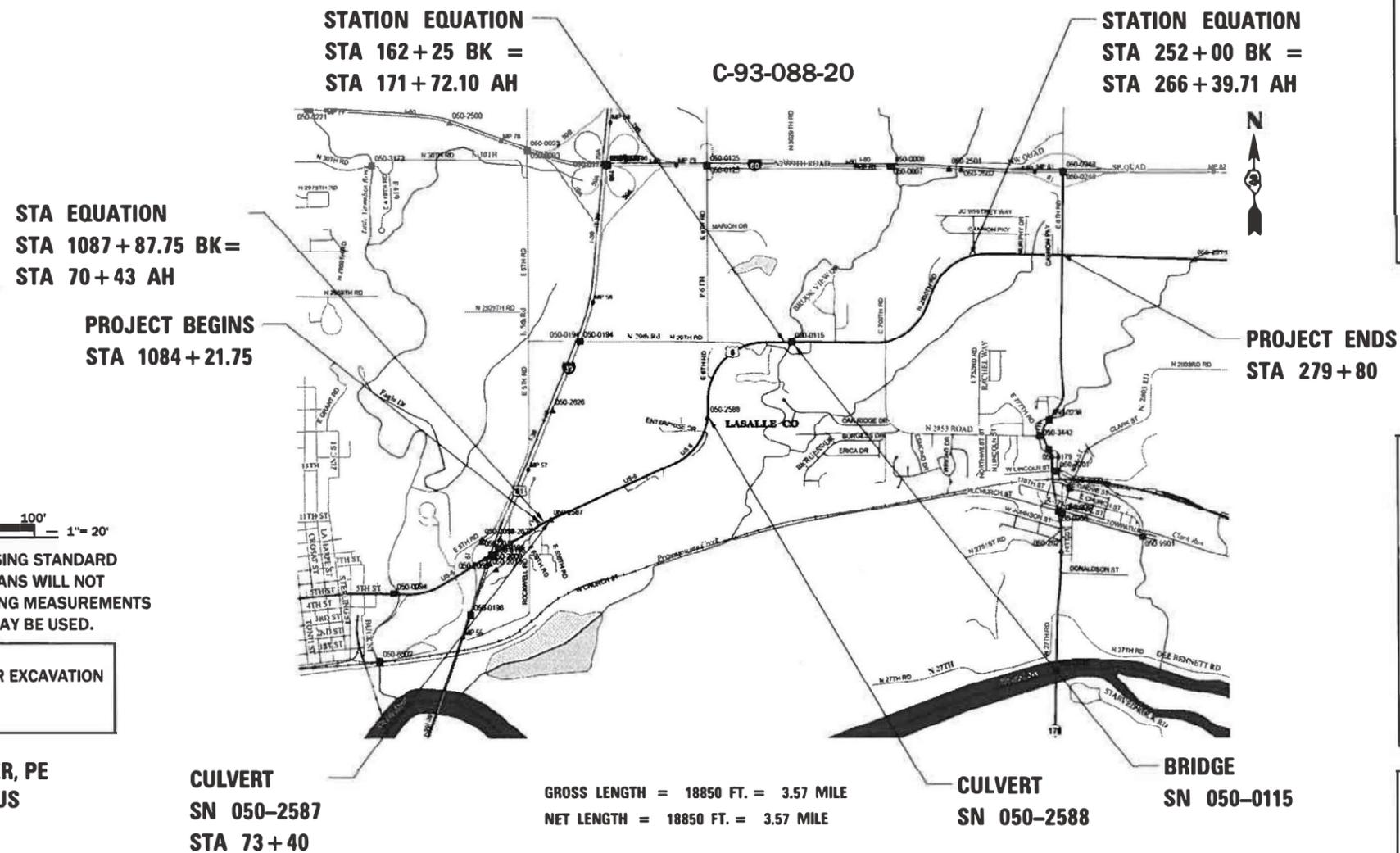
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-07	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 ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES

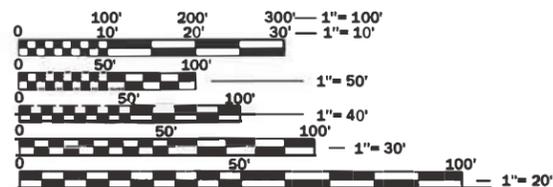
PROPOSED HIGHWAY PLANS

FAP ROUTE 623 (US 6)
SECTION (31)CJS
PROJECT NHPP-QTX4(346)
CRACK & JOINT SEALING
LASALLE COUNTY

D-93-052-20



FUNCTIONAL CLASSIFICATION
OTHER ARTERIAL
2019 ADT=6,150
PV=81.1% SU=5.1% MU=13.8%



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: JACOB OYIER, PE
UNIT CHIEF: ARLENE OTERO-FEBUS
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66L05

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 5th 20 2020
Muhammad Ahmad
REGIONAL ENGINEER

June 26, 2020
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2020
James J. Guerin
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE INTENT OF THIS PROJECT IS TO ROUT AND 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.

THE CONTRACTOR SHALL NOT DISTURB THE EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS. THE CONTRACTOR SHALL REPLACE, AT NO ADDITIONAL COST TO THE DEPARTMENT, ANY PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS DAMAGED BY HIS OPERATION.

THE ENGINEER SHALL DETERMINE WHETHER SECTIONS OF CRACKS SEALING SHOULD BE OMITTED IN ORDER TO AVOID DAMAGING THE PAVEMENT MARKING IN THOSE AREAS.

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 THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED BASED UPON THE UNIT BID PRICE.

ALL PCC BRIDGE DECKS AND PAVEMENT SHALL BE OMITTED. BRIDGE DECKS WITH HMA OVERLAYS ARE TO BE SEALED ONLY (NO ROUTING).

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

CRACK FILLING	0.35	POUND/FOOT
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COMMITMENTS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

DATE: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

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PLOT DATE = 4/24/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	(31)CJS	LASALLE	7	2
CONTRACT NO. 66L05				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				80% FED 20% STATE	
				NHPP FUNDING	
				ROADWAY	RURAL
45100100	CRACK ROUTING (PAVEMENT)	FOOT	35684	35684	
45100200	CRACK FILLING	POUND	12489	12489	
67100100	MOBILIZATION	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42	

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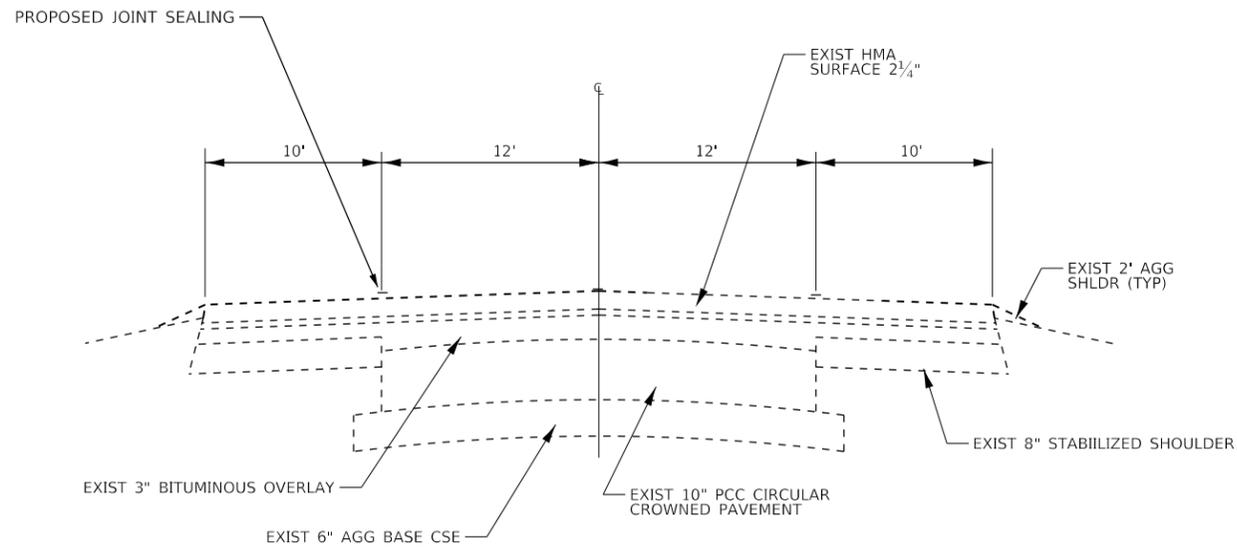
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PLOT DATE = 4/24/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

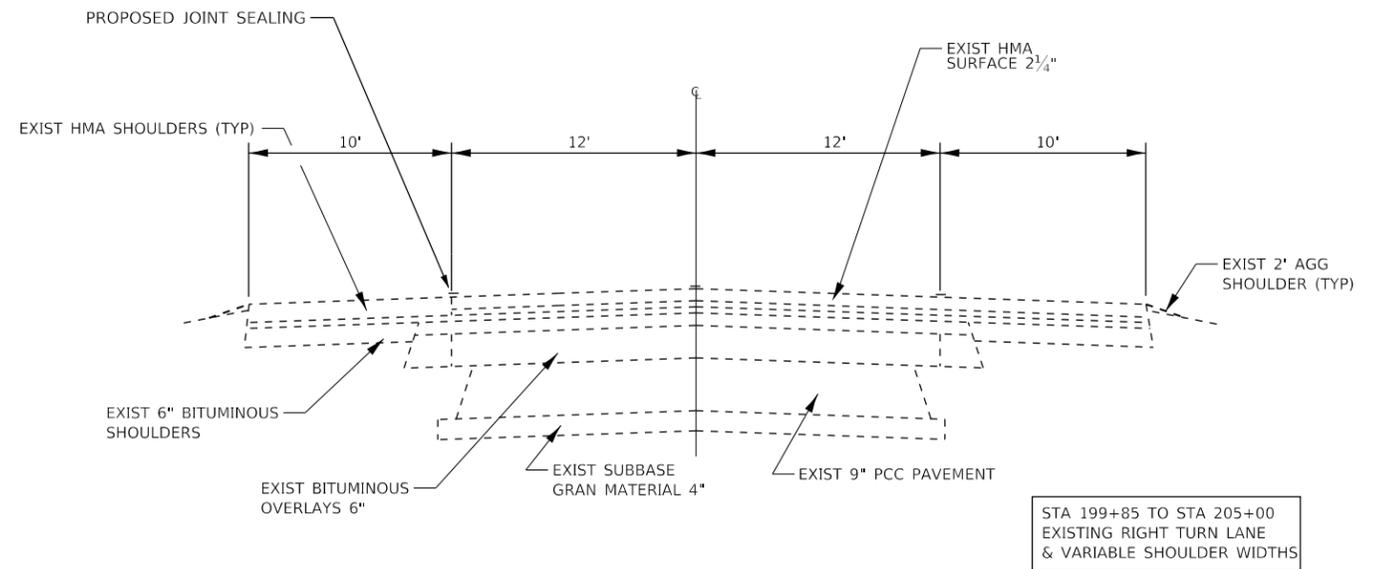
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	(31)CJS	LASALLE	7	3
			CONTRACT NO. 66L05	
		ILLINOIS	FED. AID PROJECT	



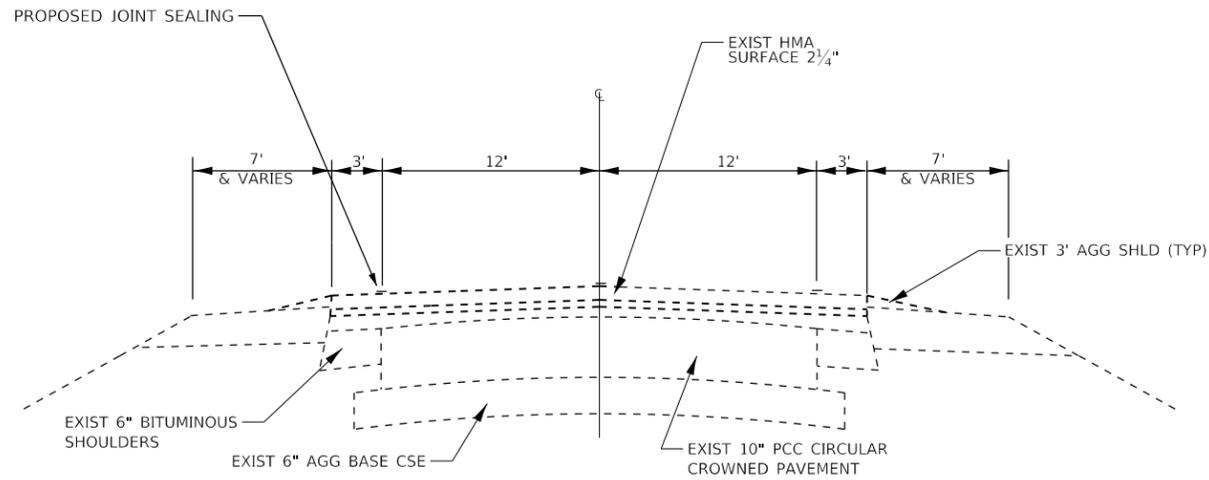
TYPICAL SECTION 1



TYPICAL SECTION 3

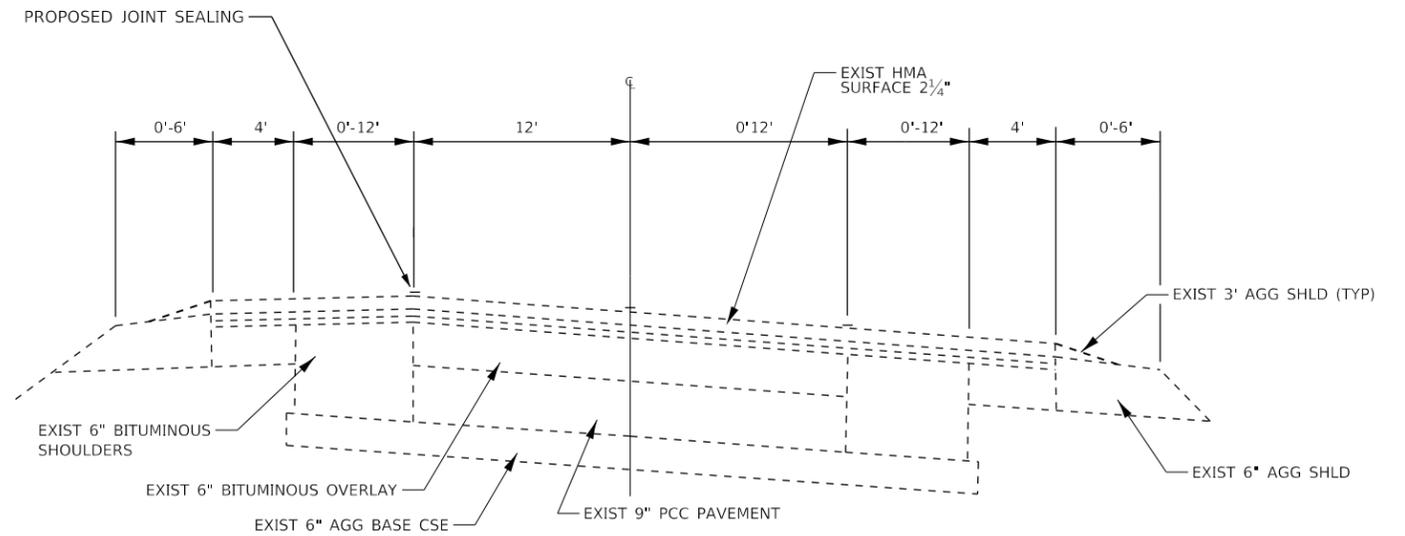
STA 158+00 TO STA 162+25
 (STA EQUATION: 162+25 BK = 171+72.10 AH)
 STA 171+72.10 TO STA 205+00
 PROPOSED CRACK SEALING - SEE DETAIL

STA 199+85 TO STA 205+00
 EXISTING RIGHT TURN LANE
 & VARIABLE SHOULDER WIDTHS



TYPICAL SECTION 2

STA 71+77 TO STA 158+00
 STA 205+00 TO STA 223+66.5
 STA 249+40 TO STA 252+00
 (STA EQUATION: 252+00 BK = 266+39.71 AH)
 STA 266+39.71 TO STA 279+80
 WIDTH TRANSITION: STA 278+83 TO STA 279+80
 PROPOSED CRACK SEALING - SEE DETAIL



TYPICAL SECTION 4

STA 223+65.5 TO STA 249+40
 PROPOSED CRACK SEALING - SEE DETAIL

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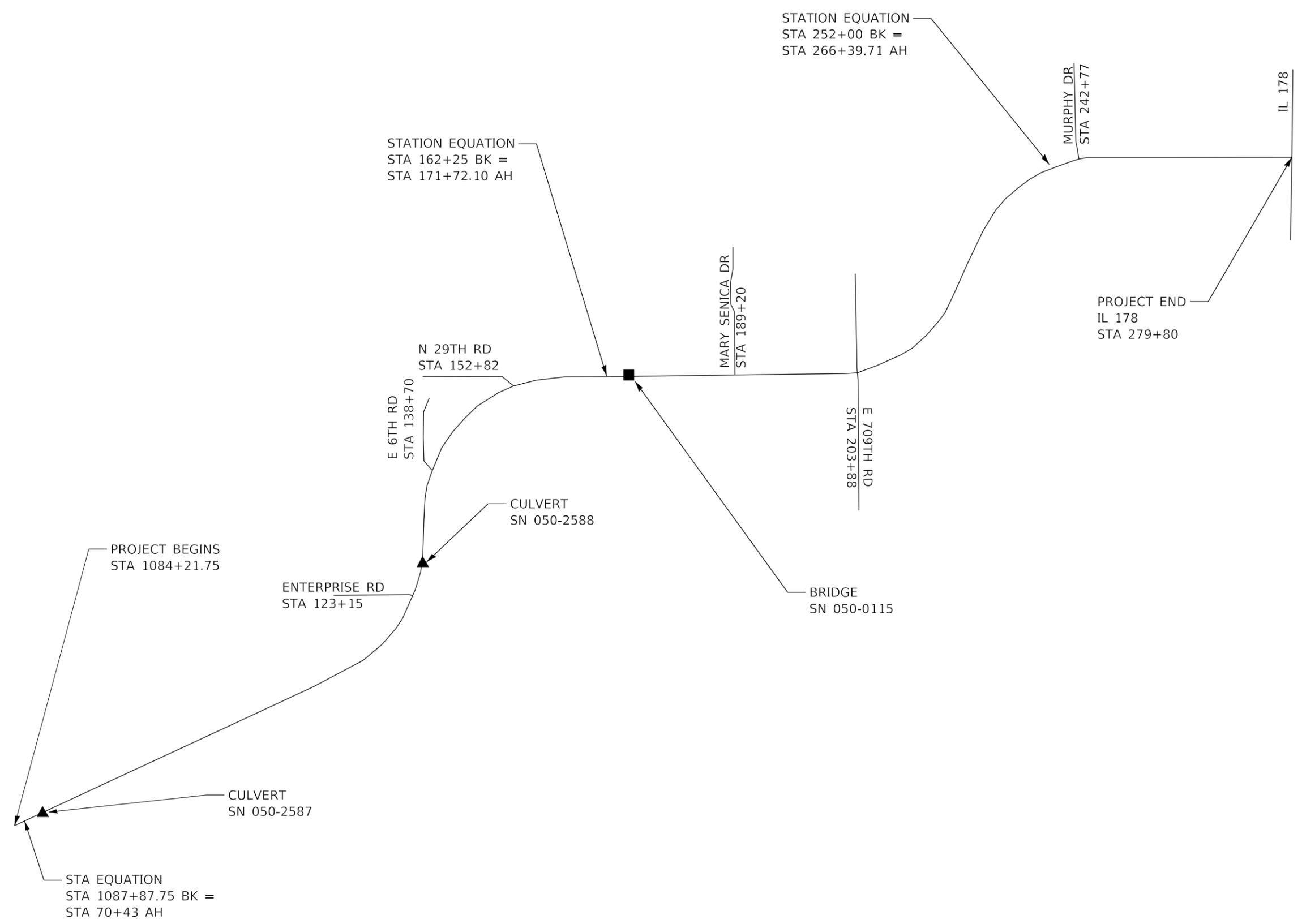
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	(31)CJS	LASALLE	7	4
CONTRACT NO. 66L05				
ILLINOIS FED. AID PROJECT				



OTTAWA →



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PLOT DATE = 4/24/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.	TO STA.	

F.A.P. RTE. 623	SECTION (31)CJS	COUNTY LASALLE	TOTAL SHEETS 7	SHEET NO. 5
CONTRACT NO. 66L05				
ILLINOIS FED. AID PROJECT				

CRACK AND SEALING SCHEDULE				
LOCATION	LONGITUDINAL CRACK ROUTING (PAVEMENT)	TRANSVERSE CRACK ROUTING (PAVEMENT)	LONGITUDINAL CRACK FILLING	TRANSVERSE CRACK FILLING
	FOOT	FOOT	POUND	POUND
US 6	25,040	10,644	8,764	3,725
TOTAL	35,684		12,489	

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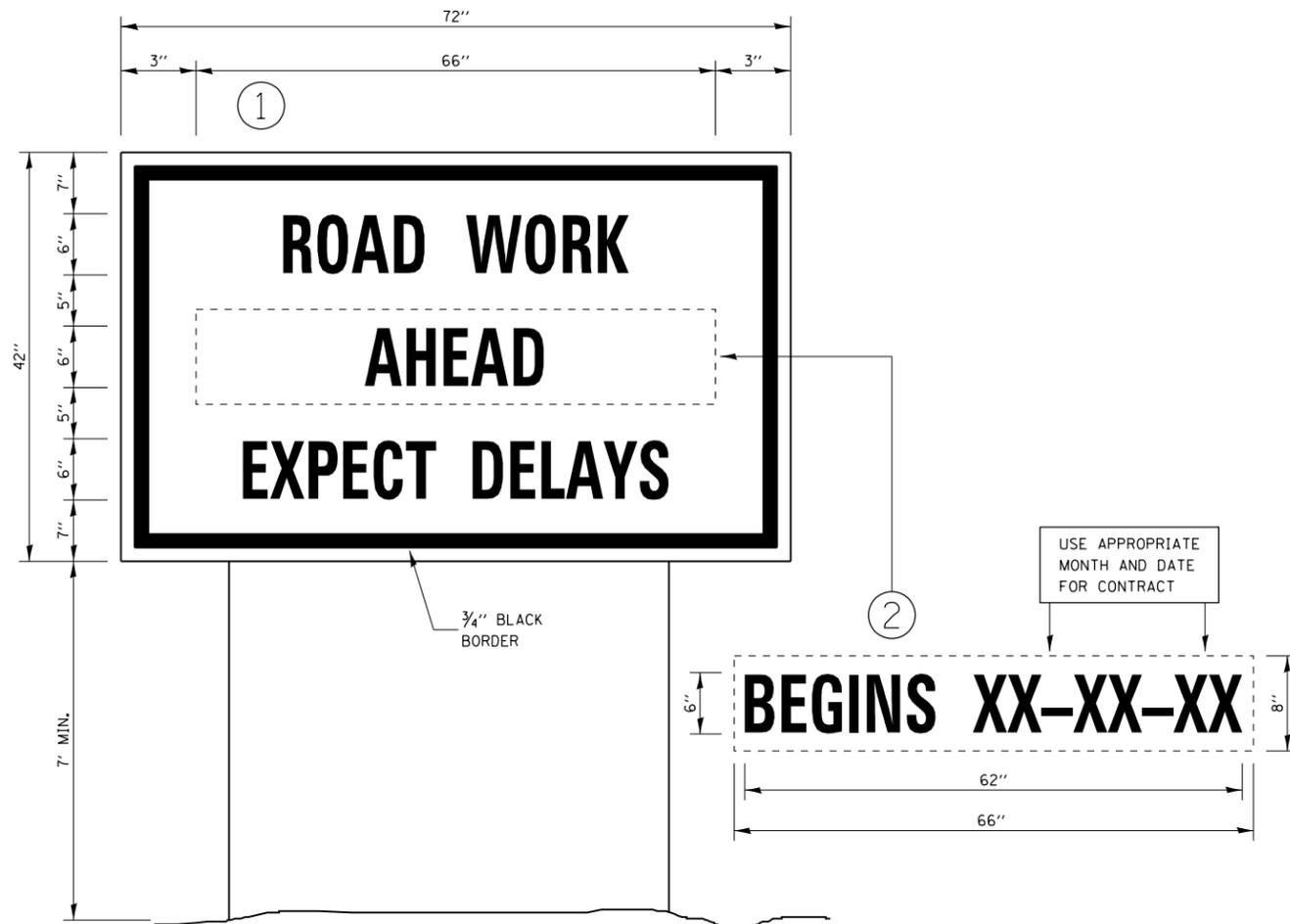
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

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

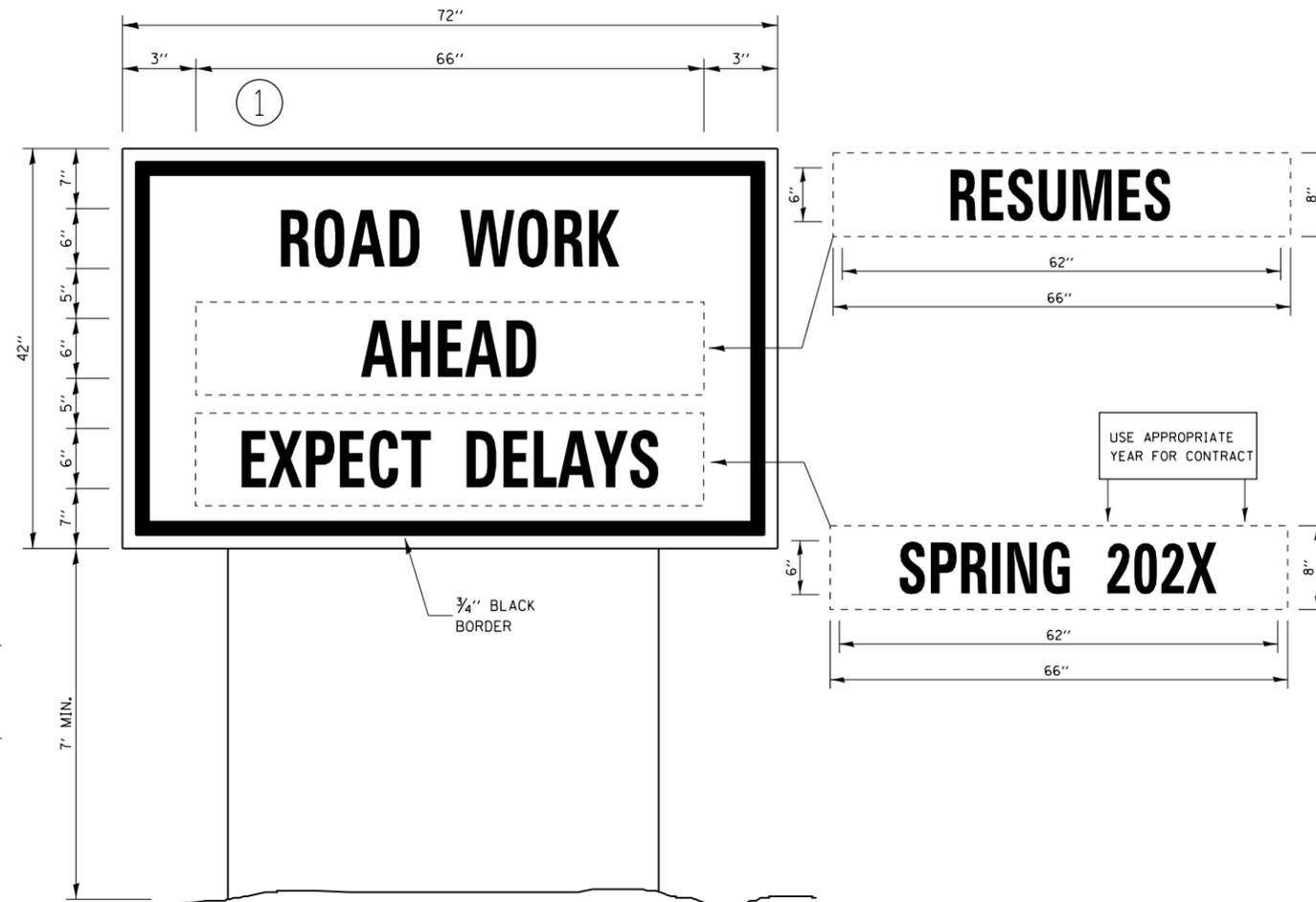
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623	(31)CJS	LASALLE	7	6
CONTRACT NO. 66L05			ILLINOIS FED. AID PROJECT	



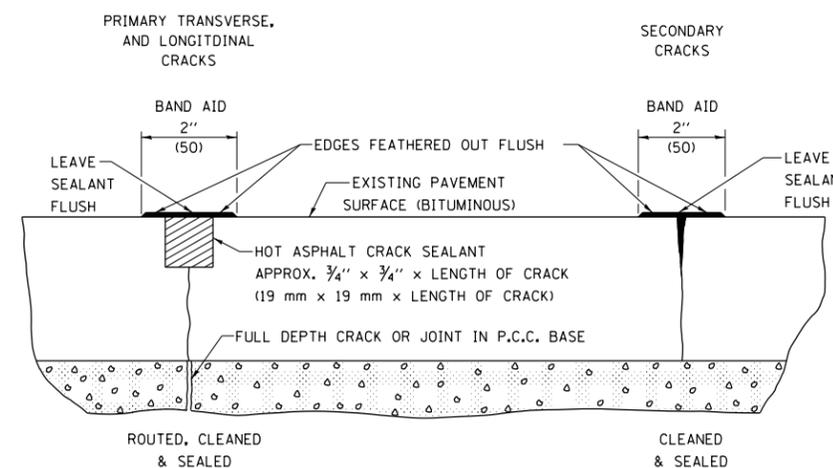
TEMPORARY INFORMATION SIGNING

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.



WINTER SHUT DOWN SIGNING



CRACK SEALING HMA PAVEMENT DETAIL

MODEL: Default
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 PROJECT: RWIDOT Documents\DOT Office\District 3\Projects\0366\03\0366\05-shc-detailed.dgn

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	(31)CJS	LASALLE	7	7
CONTRACT NO. 66L05				
ILLINOIS FED. AID PROJECT				