

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
619	(70-VBR-1)BP	LASALLE	9	1
		ILLINOIS	CONTRACT NO. 66N92	

INDEX OF SHEETS

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2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTIONS
- 5-6. TRAFFIC CONTROL AND PROTECTION, STANDARD 701321
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8. PAVEMENT STRIPING
9. TEMPORARY INFORMATION SIGNING.

HIGHWAY STANDARDS

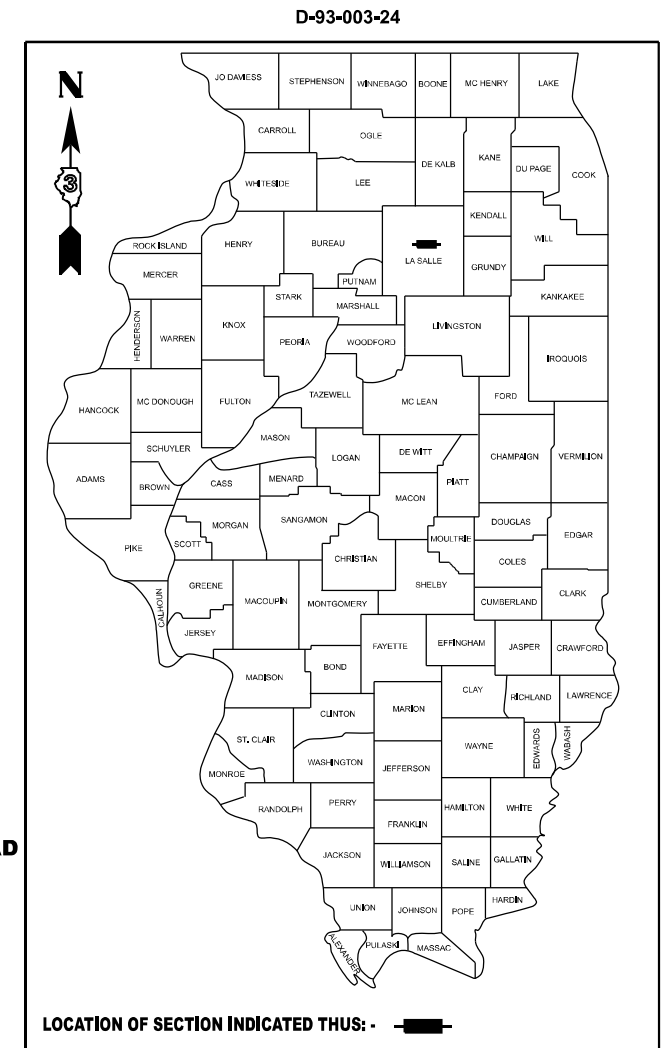
- | | |
|-----------|---|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006-00 | DECIMAL OF AN INCH AND OF A FOOT |
| 701001-02 | OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY |
| 701006-05 | OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH |
| 701901-09 | TRAFFIC CONTROL DEVICES |
| 704001-08 | TEMPORARY CONCRETE BARRIER |

**PROPOSED
HIGHWAY PLANS**

**F.A.P. ROUTE 619 (IL 351)
(70-VBR-1)BP
PROJECT STP-8VYD(466)
BRIDGE PAINTING
LASALLE COUNTY**

C-93-037-24

PROJECT LOCATION
STRUCTURE NO. 050-0019
STA. 70-VBR-1
CARRYING F.A.P. ROUTE 619 (IL 351)
OVER THE LONE STAR CEMENT RAILROAD
2.0 MI. SOUTH OF US ROUTE 6



FUNCTIONAL CLASSIFICATION
URBAN OTHER PRINCIPAL ARTERIAL
F.A.P. ROUTE 619 (IL 351)
2021 ADT = 4750
P.V. 97.1 % S.U. 2.7 % M.U. 0.2 %

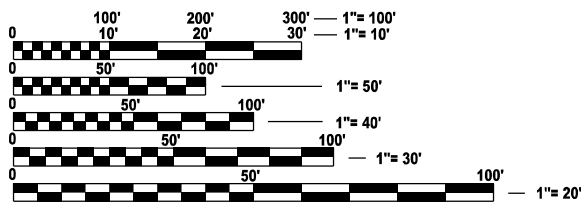
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 02, 2024

Stephen M. Travis
REGIONAL ENGINEER

March 22, 2024
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

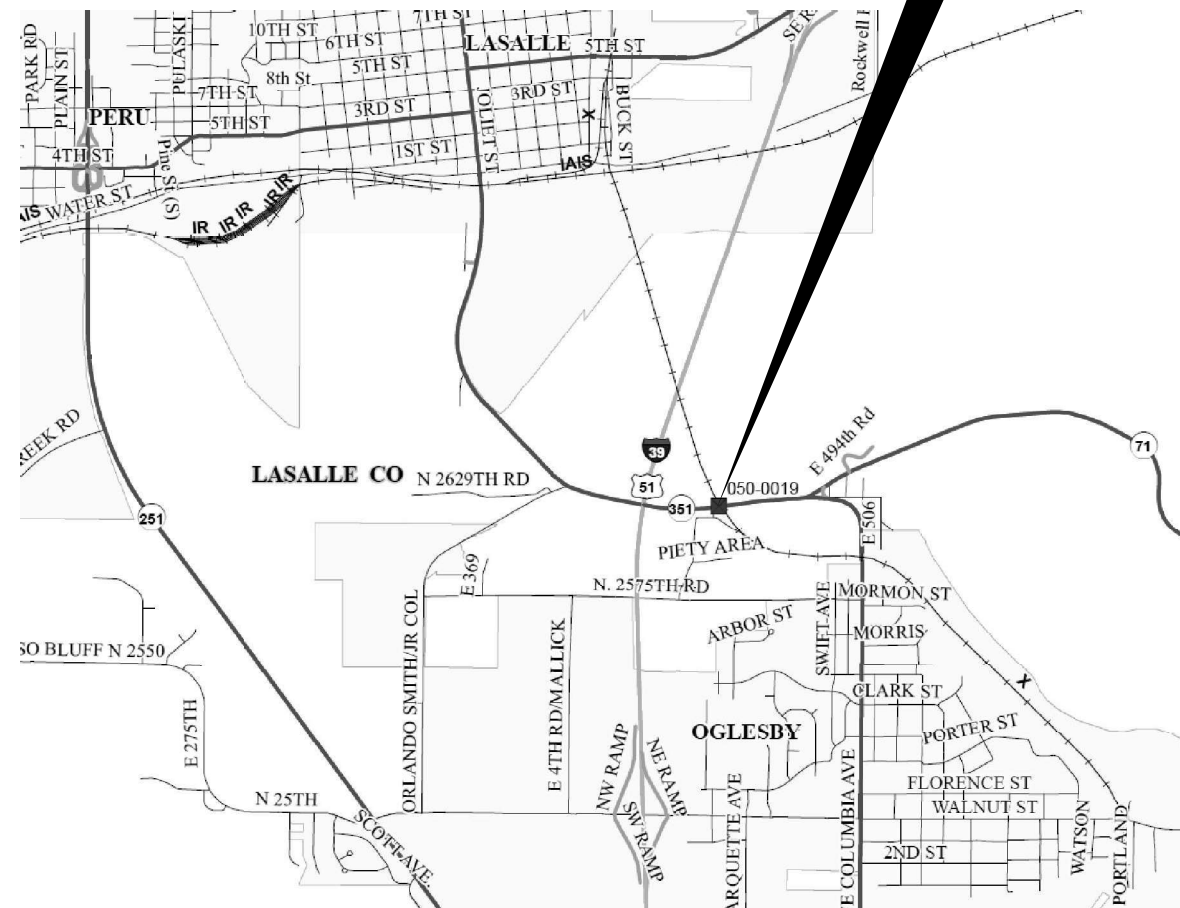
March 22, 2024
Stephen M. Travis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION



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: YOGESH PATEL P.E.
UNIT CHIEF: RON WOODSHANK
DISTRICT 3 (815) 434-6131
CONTRACT NO. 66N92



**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

STRUCTURE NO. 050-0019 SHALL BE DESIGNATED AS "LOCATION 1".

THE SSPC-QP1 "PAINTING CONTRACTOR CERTIFICATION" WILL BE REQUIRED FOR THIS PROJECT.

CLEANING AND PAINTING OF EXISTING STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES" AND AS SPECIFIED BELOW.

- a) ALL EXISTING STRUCTURAL STEEL, (INCLUDING BEAMS/GIRDERS, DIAPHRAGMS, CROSS/LATERAL FRAMING, STEEL COMPONENTS OF BEARINGS, DRAINS, ANGLE BRACKETS, STEEL HANDRAILS (WHEN PRESENT) SHALL BE CLEANED PER THE REQUIREMENTS OF "NEAR WHITE BLAST CLEANING - SSPC-SP-10".
 - b) ALL EXISTING STRUCTURAL STEEL, (INCLUDING BEAMS/GIRDERS, DIAPHRAGMS, CROSS/LATERAL FRAMING, STEEL COMPONENTS OF BEARINGS, DRAINS, ANGLE BRACKETS, STEEL HANDRAILS (WHEN PRESENT) SHALL BE PAINTED PER THE REQUIREMENTS OF "PAINT SYSTEM 1-OZ/E/U".
- 1) THE FINAL FINISH COAT FOR ALL INTERIOR STRUCTURAL STEEL SHALL BE "GRAY, MUNSELL NO. 5B 7/1".
 - 2) FINISH COAT FOR EXTERIOR FACE, BOTTOM FLANGE AND BEARING ASSEMBLIES OF THE FASCIA BEAMS SHALL BE "GREEN, MUNSELL NO. 7.5G 1/2".

THE CONTRACTOR SHALL BE REQUIRED TO SECURE WASTE CONTAINERS THAT REMAIN ON THE JOB SITE. THIS WILL ENTAIL THAT ALL WASTE CONTAINERS CAN NOT BE MOVED OR OPENED DURING NON-WORKING HOURS.

WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR/SUBCONTRACTOR LISCENSED TO DISPOSE OF NON-LEAD PAINT RESIDUES HAS REMOVED THE WASTE MATERIAL FROM THE JOB SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES. IF THE LISCENSED CONTRACTOR OR SUBCONTRACTOR FAILS TO DISPOSE OF THE NON-LEAD PAINT RESIDUES ON OR BEFORE THE SPECIFIED COMPLETION DATE, LIQUIDATED DAMAGES SHALL BE CHARGED PER CALENDAR DAY ACCORDING TO ARTICLE 108.09 OF THE STANDARD SPECIFICATIONS UNTIL SUCH TIME THAT ALL PAINT RESIDUE MATERIALS HAVE BEEN PROPERLY REMOVED AND DISPOSED OF.

COMMITMENTS

NONE

**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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	DRAWN - RW	REVISED -
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PLOT DATE = 1/6/2024	DATE - 8/18/2023	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.
619	(70-VBR-1)BP	LASALLE	9	2
			CONTRACT NO. 66N92	
		ILLINOIS	FED. AID PROJECT	

URBAN

CONSTRUCTION CODE
BRIDGE PAINTING
80% FED. / 20% STATE
BRIDGE
0047
S.N. 050-0019

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	60	60
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	20	20
70400100	TEMPORARY CONCRETE BARRIER	FOOT	350	350
70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	330	330
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	75	75
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42
X5060601	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1
X5067501	BRIDGE CLEANING AND PAINTING WARRANTY NUMBER 1	L SUM	1	1

*SPECIALITY ITEM

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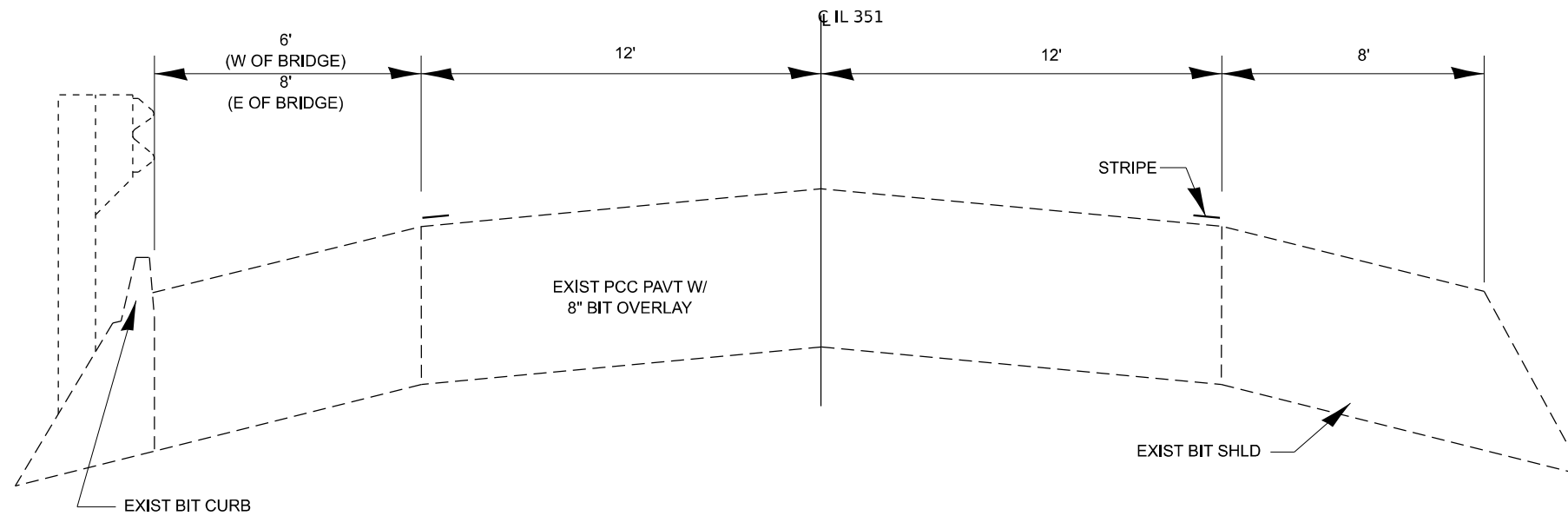
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PLOT DATE = 1/6/2024	DATE - 8/18/2023	REVISED -

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.
619	(70-VBR-1)BP	LASALLE	9	3
			CONTRACT NO. 66N92	
		ILLINOIS FED. AID PROJECT		



TYPICAL SECTION

STA 33+00 TO 35+15
 STR OMISSION 35+15 TO 37+51
 STA 37+51 TO 40+00

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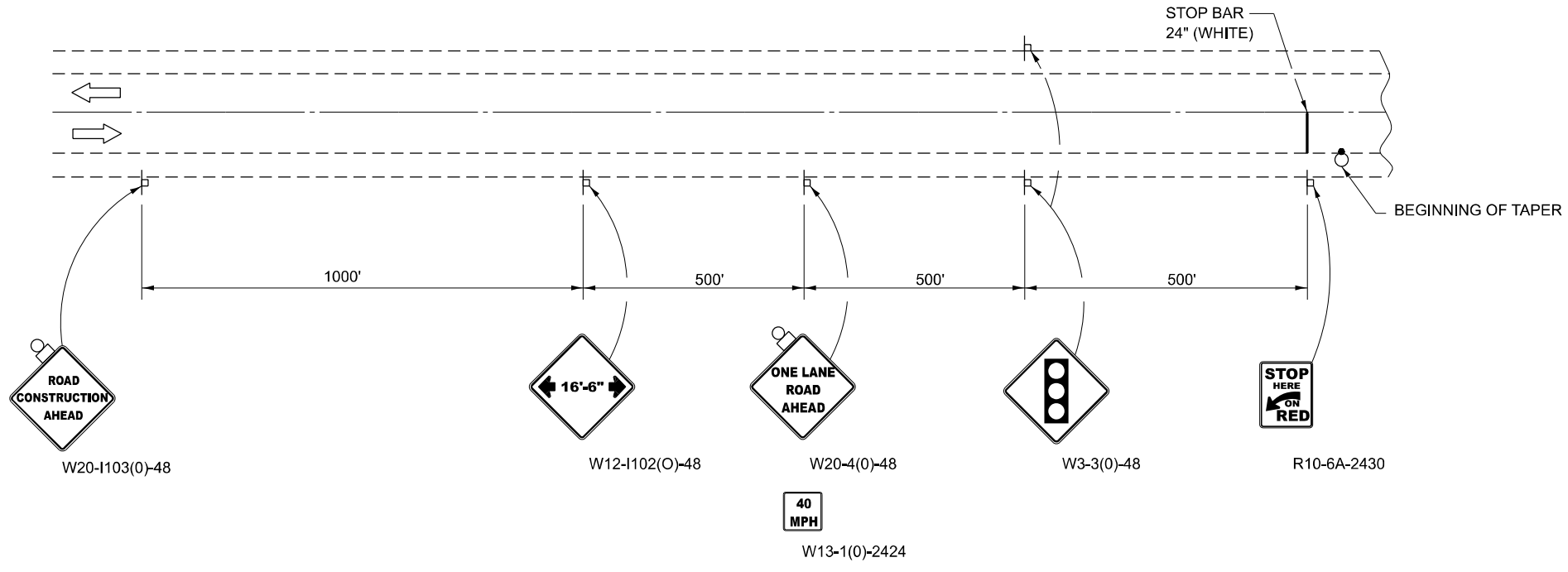
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

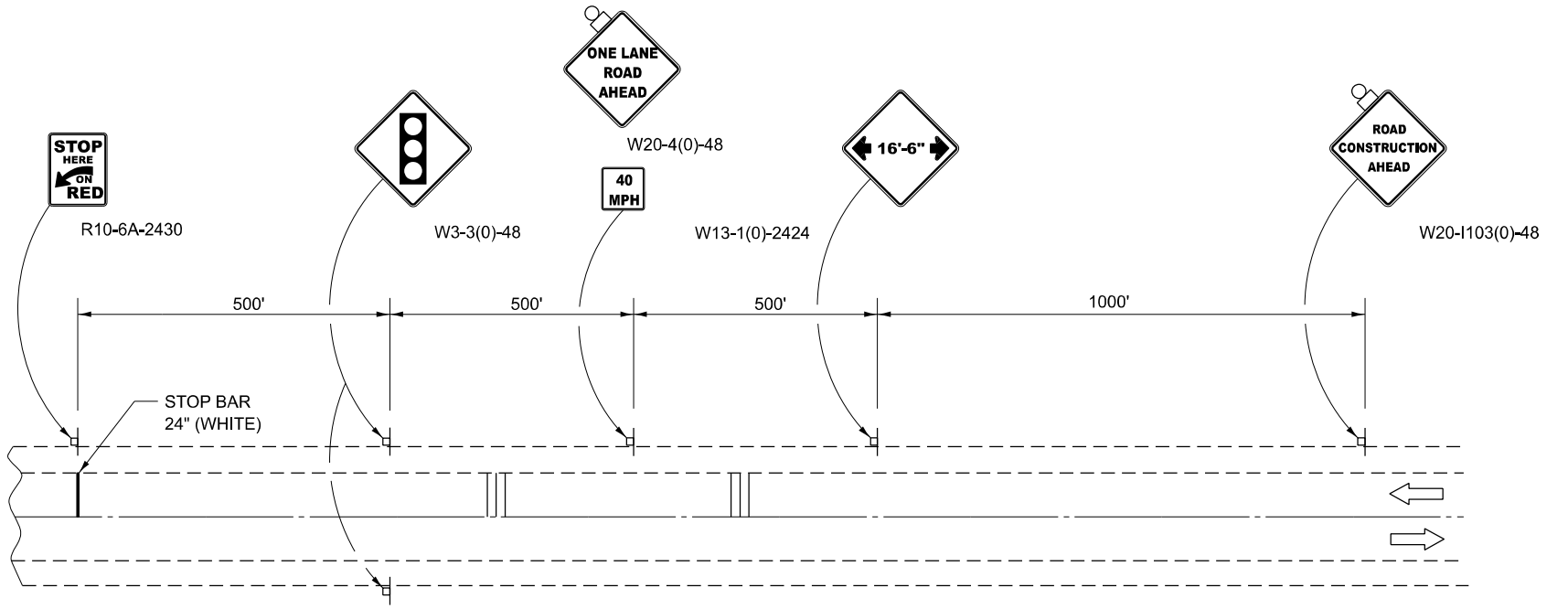
TYPICAL SECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
619	(70-VBR-1)BP	LASALLE	9	4
CONTRACT NO. 66N92				
ILLINOIS FED. AID PROJECT				



- SYMBOLS**
- SIGN
 - TEMPORARY RUMBLE STRIP (SPECIAL)
 - DRUM
 - DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
 - MONO-DIRECTION FLASHING LIGHT



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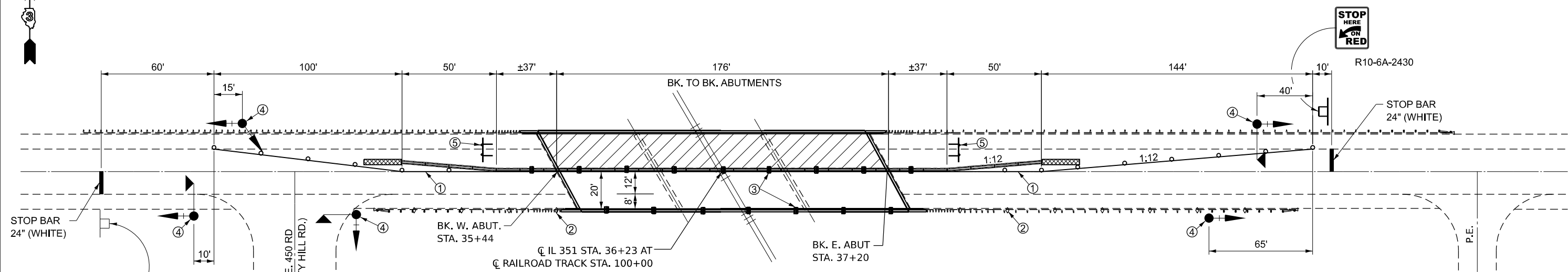
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PLOT DATE = 1/6/2024	DATE - 8/18/2023	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, STANDARD 7013231
(ADVANCED SIGNING)**










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

F.A.P. RTE. 619	SECTION (70-VBR-1)BP	COUNTY LASALLE	TOTAL SHEETS 9	SHEET NO. 5
CONTRACT NO. 66N92			ILLINOIS FED. AID PROJECT	



**PLAN
STRUCTURE NO. 050-0019**

LEGEND

- | | |
|--|---|
|  WORK AREA |  BIDIRECTIONAL CONCRETE BARRIER WALL REFLECTOR, TYPE C |
|  SIGN |  TRAFFIC SIGNAL WITH BACKPLATE |
|  TYPE III BARRICADE WITH FLASHING LIGHTS |  TRAFFIC SIGNAL WITH BACKPLATE AND MOTION DETECTOR |
|  CRYSTAL, BIDIRECTIONAL GUARDRAIL REFLECTOR, TYPE A |  TEMPORARY IMPACT ATTENUATORS (NON-REDIRECTIVE, NARROW) TEST LEVEL 3 |
|  TEMPORARY CONCRETE BARRIER | |

- ① TEMPORARY PAVEMENT MARKING .
- ② GUARDRAIL REFLECTORS , TYPE A AT 25' CTS.
- ③ AMBER, TYPE "C" PRISMATIC BARRIER WALL REFLECTORS AT 25' CTS.
- ④ THE EDGE OF THE POST MOUNTED SIGNAL HEAD SHALL BE BETWEEN 24" AND 6" FROM EDGE OF SHOULDER.
- ⑤ TYPE III BARRICADE WITH FLASHING LIGHTS SHALL BE PLACED WHENEVER NO WORK IS BEING PERFORMED.

GENERAL NOTES

THIS STANDARD IS USED WHERE, AT ANY TIME, ANY VEHICLE, EQUIPMENT, WORKERS, OR THEIR ACTIVITIES WILL ENCROACH ON ONE LANE OF A BRIDGE. TRAFFIC SIGNALS AND A POSITIVE BARRIER ARE REQUIRED.

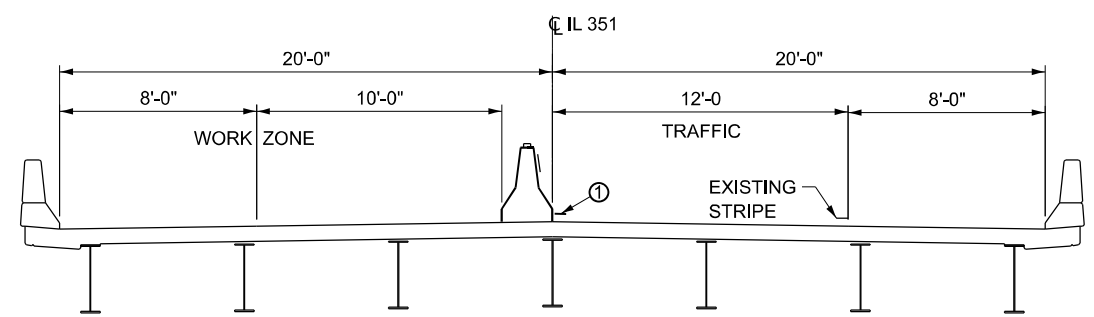
TRAFFIC SIGNALS SHALL BE OPERATIONAL ONLY WHEN ALL TRAFFIC CONTROLS ARE IN PLACE. WHEN TRAFFIC SIGNALS ARE NOT IN OPERATION, FLAGGERS SHALL BE USED AND TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701201 OR 701206.

TEMPORARY CONCRETE BARRIER SHALL BE ACORDING TO STANDARD 704001 AND THE DETAIL "LINEAR DELIEATOR PANELS FOR TEMPORARY CONCRETE BARRIER".

GUARDRAIL REFLECTORS TYPE, A AND TYPE C AS SHOWN ON THIS DETAIL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

EXISTING OR TEMPORARY PAVEMENT MARKINGS SHALL BE ON BOTH SIDES OF OPEN LANE FROM STOP BAR TO STOP BAR.

TEMPORARY PAVEMENT MARKING AS SHOWN ON THIS DETAIL, SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STANDARD.



**CROSS SECTION
STRUCTURE NO. 050-0019**

LOOKING EAST

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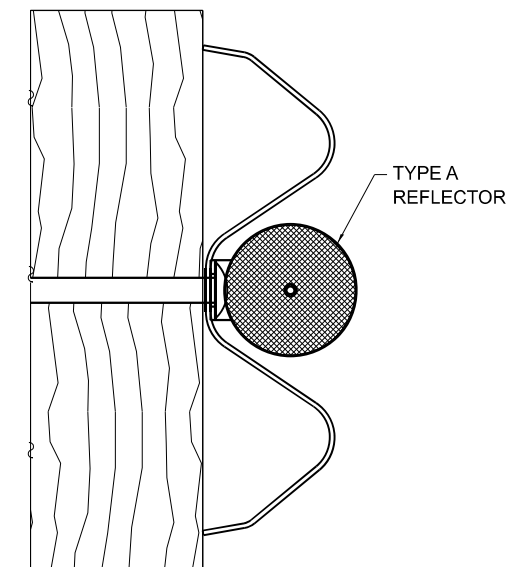
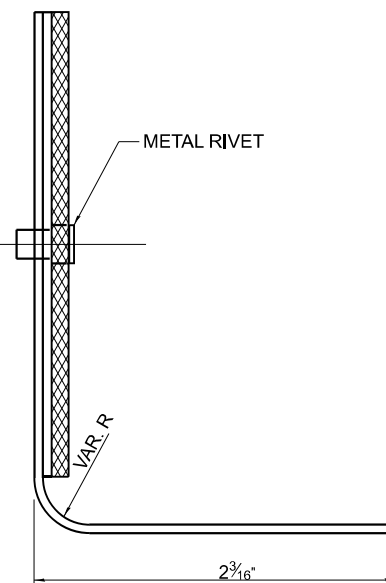
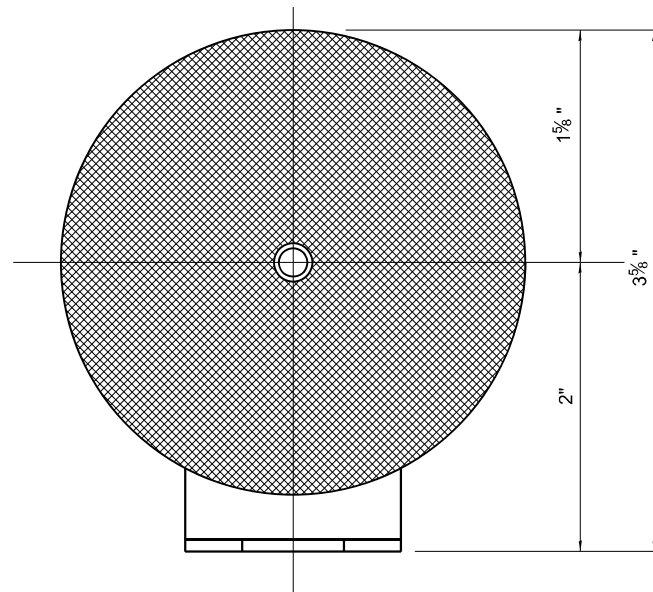
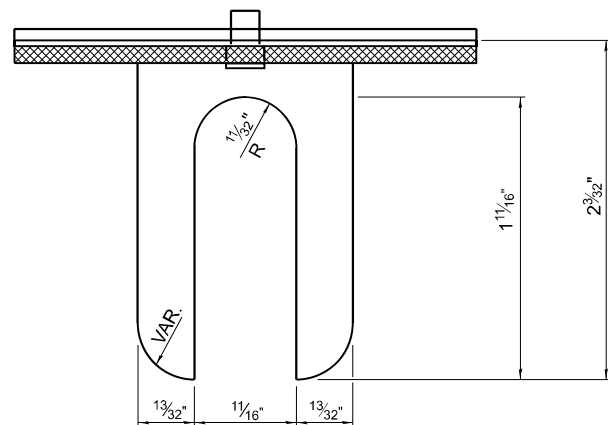
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PLOT DATE = 1/6/2024	DATE - 8/18/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION, STANDARD 701321

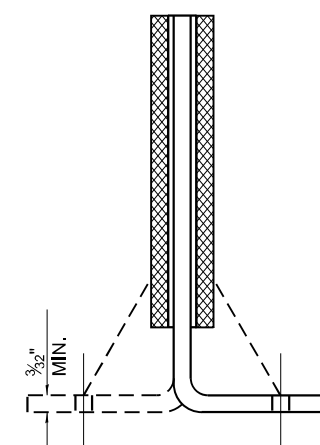
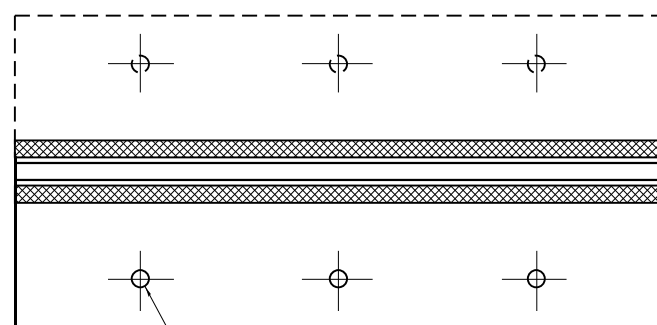
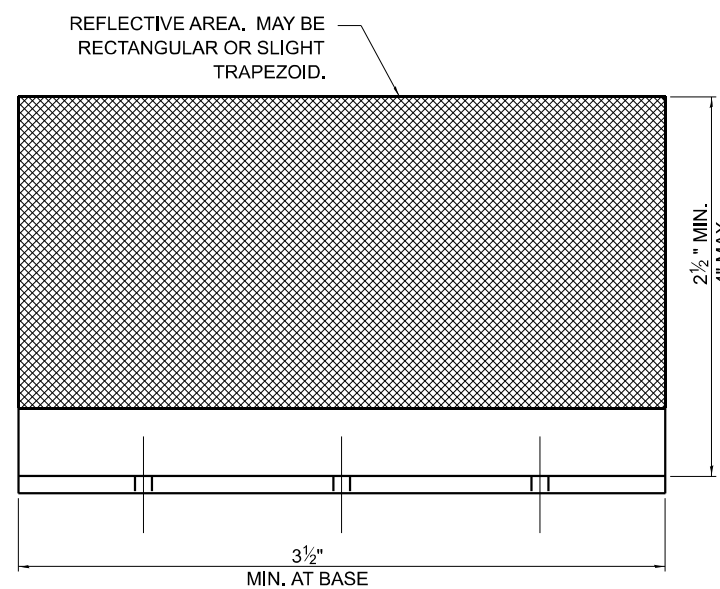
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
619	(70-VBR-1)BP	LASALLE	9	6
CONTRACT NO. 66N92				
ILLINOIS FED. AID PROJECT				

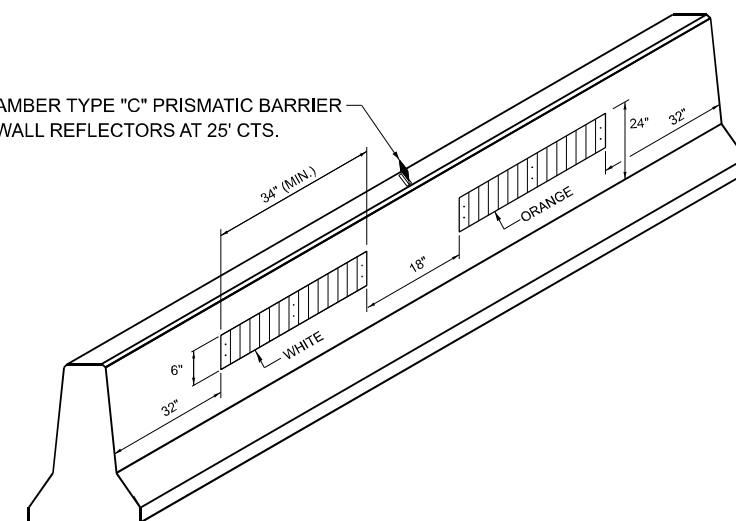


REFLECTOR TYPE A
(monodirectional shown)

TYPICAL MOUNTING DETAIL FOR GUARDRAIL REFLECTOR



AMBER TYPE "C" PRISMATIC BARRIER WALL REFLECTORS AT 25' CTS.



REFLECTOR TYPE C

LINEAR DELINEATOR PANELS FOR TEMPORARY CONCRETE BARRIER

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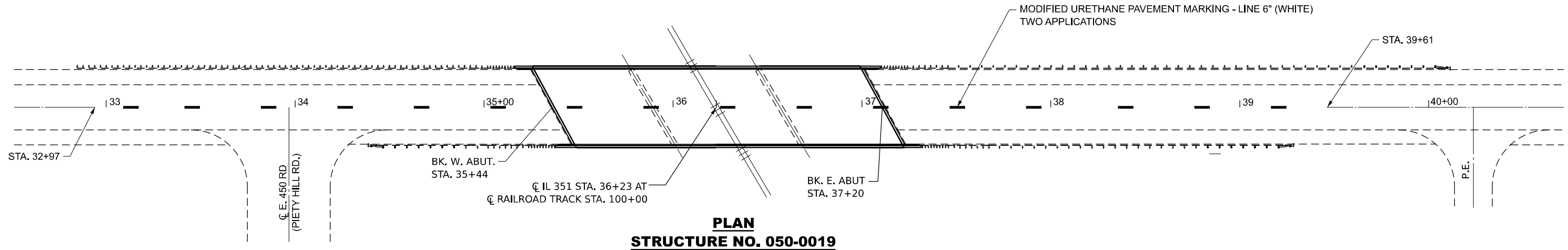
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL, BARRIER WALL REFLECTOR
AND LINEAR DELINEATOR MOUNTING DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
619	(70-VBR-1)BP	LASALLE	9	7
			CONTRACT NO. 66N92	
		ILLINOIS FED. AID PROJECT		



PLAN
STRUCTURE NO. 050-0019

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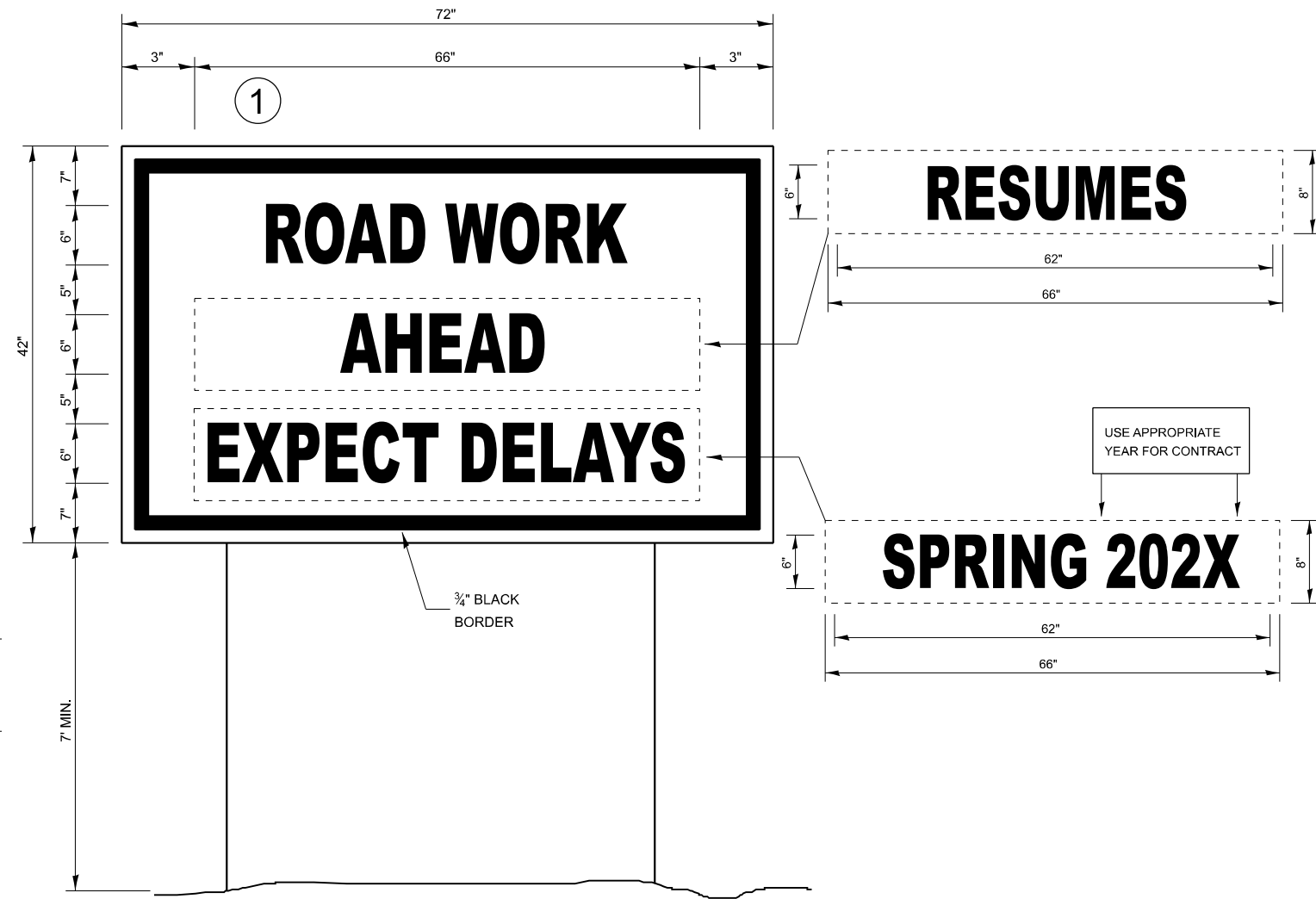
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
619	(70-VBR-1)BP	LASALLE	9	8
CONTRACT NO. 66N92				
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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DRAWN - RW	CHECKED - YP	REVISED -
PLOT SCALE = 100,000' / in.	DATE - 8/18/2023	REVISED -
PLOT DATE = 1/6/2024		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY INFORMATION SIGNING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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