

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
786	(97BR-2)BP	LIVINGSTON	7	1

ILLINOIS CONTRACT NO. 66R93

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
4. TYPICAL SECTIONS
5. TRAFFIC CONTROL DETAILS
6. TEMPORARY BARRIER WALL / GUARDRAIL DELINEATION
7. TEMPORARY INFORMATION SIGNING

PROPOSED HIGHWAY PLANS

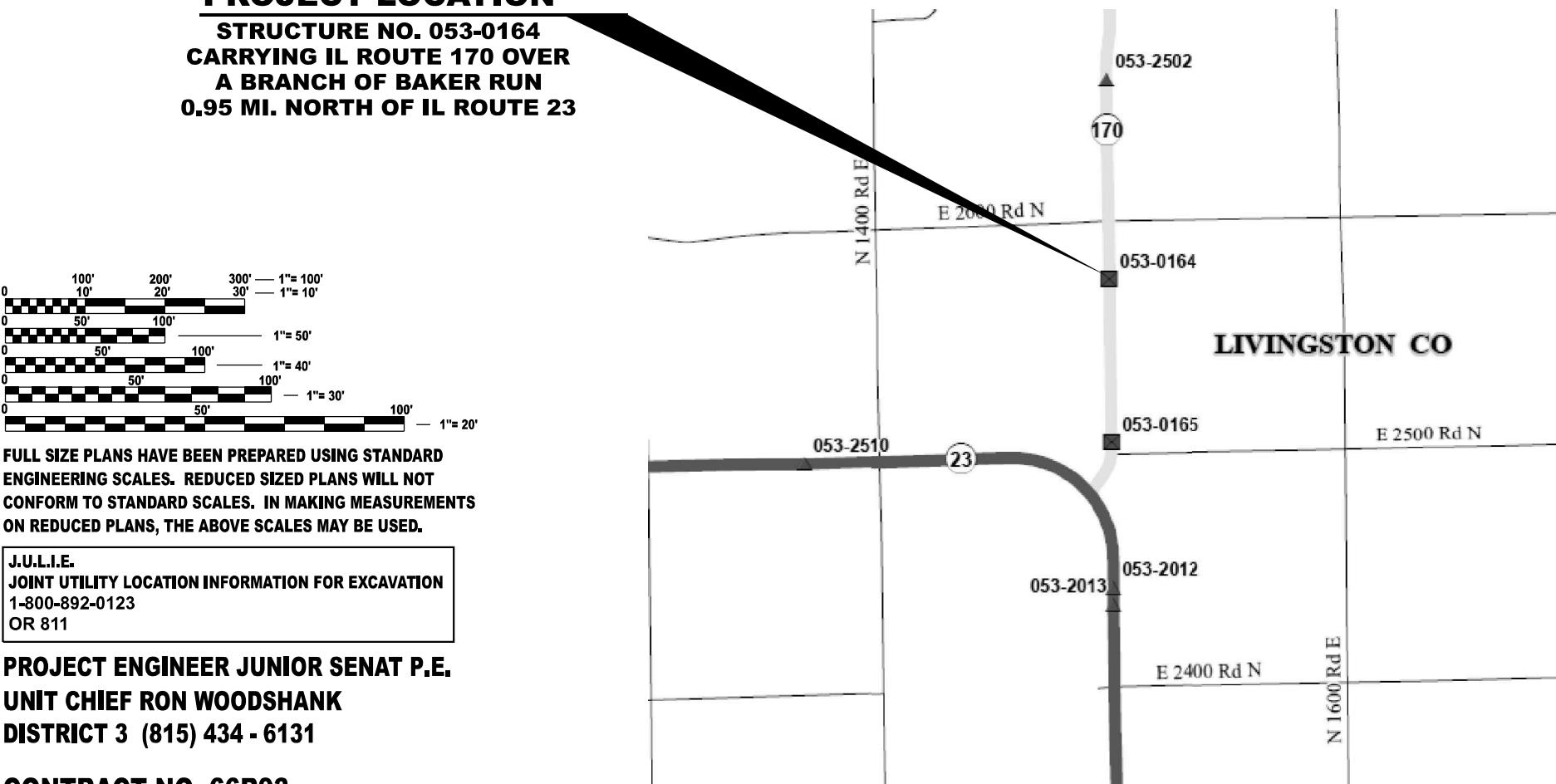
**F.A.P. ROUTE 786 (IL ROUTE 170)
SECTION (97BR-2)BP
PROJECT STP-HQCN(662)
BRIDGE PAINTING
LIVINGSTON COUNTY
C-93-156-25**

HIGHWAY STANDARDS

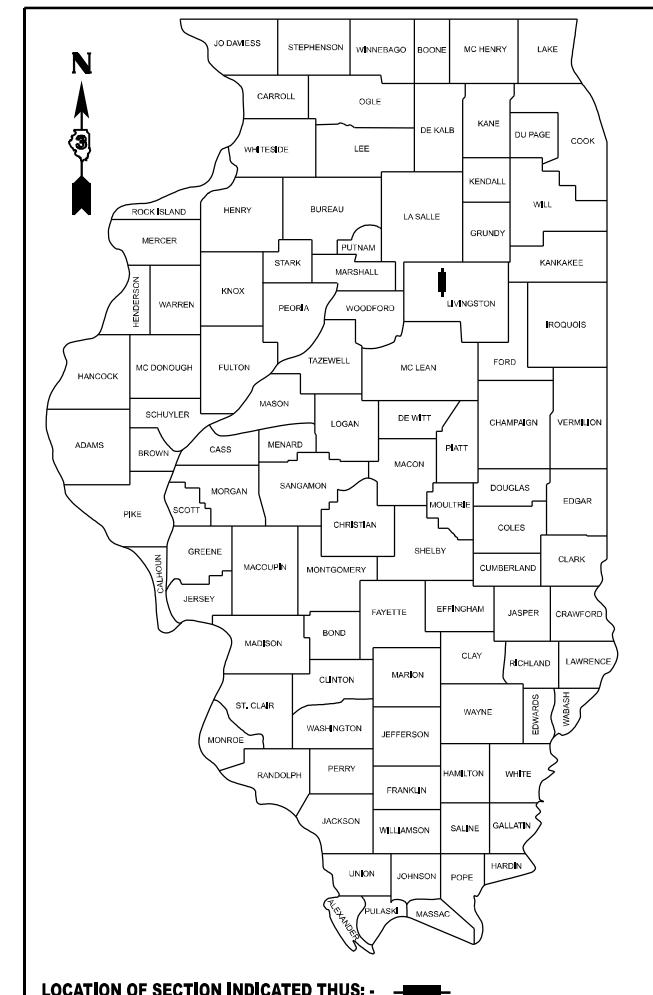
000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006 DECIMAL OF AN INCH AND OF A FOOT
701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701321-19 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701901-11 TRAFFIC CONTROL DEVICES
704001-08 TEMPORARY CONCRETE BARRIER

PROJECT LOCATION

**STRUCTURE NO. 053-0164
CARRYING IL ROUTE 170 OVER
A BRANCH OF BAKER RUN
0.95 MI. NORTH OF IL ROUTE 23**



D-93-118-25

**FUNCTIONAL CLASSIFICATION****RURAL - MINOR ARTERIAL****F.A.P. ROUTE 786 (IL ROUTE 170)****2023 ADT = 1,550****P.V. 87.0 % S.U. 5.0 % M.U. 8.0 %**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 5, 2020

Trista Thompson, P.E. REGIONAL ENGINEER

January 23, 2021

DRAFT

ENGINEER OF DESIGN AND ENVIRONMENT

January 23, 2021

DRAFT

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM 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 THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

CLEANING AND PAINTING EXISTING STEEL / STRUCTURAL STEEL COMPONENTS

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

THE FOLLOWING STEEL / STRUCTURAL STEEL COMPONENTS SHALL BE CLEANED AND PAINTED.

a) STRUCTURAL STEEL COMPONENTS	b) STEEL COMPONENTS
BEAMS / GIRDERS	DECK DRAINS (DOWN PIPES)
STIFFENERS	SCUPPERS (DOWN PIPES)
DIAPHRAGMS	STEEL HANDRAILS (WHEN PRESENT)
CROSS / LATERAL FRAMING	
STEEL COMPONENTS OF BEARINGS	
ANGLE BRACKETS / CLIPS	
CONNECTION PLATES	
ANCHORS / BOLTS	

OTHER STEEL / STRUCTURAL STEEL COMPONENTS WHEN PRESENT SHALL BE AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.

STRUCTURE NO. 053-0164 SHALL BE CONSIDERED AS "LOCATION NO. 1".

EXISTING STRUCTURAL STEEL COATINGS FOR STRUCTURE NO. 053-0164 ARE "NON-LEAD" PAINT COATINGS.

SSPC QP1 "CONTRACTOR CERTIFICATION" IS REQUIRED FOR THIS STRUCTURE.

CONTAINMENT OF CLEANING RESIDUE IS REQUIRED TO CONTROL NUISANCE DUST.

CLEANING EXISTING STEEL / STRUCTURAL STEEL COMPONENTS

CLEANING ALL EXISTING STEEL / STRUCTURAL STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING, "SSPC-SP10".

SEE THE SPECIAL PROVISION FOR "CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES.

PAINTING EXISTING STEEL / STRUCTURAL STEEL COMPONENTS

ALL EXISTING STEEL / STRUCTURAL STEEL SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - OZ/E/U.

- 1) THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL / STRUCTURAL STEEL SURFACES SHALL BE GRAY, MUNSELL NO 5B 7/1.
- 2) THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANGE OF THE FASCIA BEAMS, STEEL COMPONENTS OF FASCIA BEARINGS, DECK DRAINS / SCUPPERS AND STEEL HANDRAILS (WHEN PRESENT) SHALL BE "GREEN, MUNSELL NO. 7.5G 1/2.

REMOVAL AND DISPOSAL OF CLEANING AND PAINTING RESIDUES

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

WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR / SUBCONTRACTOR LICENSED TO REMOVE AND DISPOSE OF NON-LEAD PAINT RESIDUES HAS REMOVED THE WASTE MATERIAL FROM THE JOB SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL ORDINANCES. IF THE CONTRACTOR / SUBCONTRACTOR FAILS TO REMOVE AND DISPOSE OF THE NON-LEAD PAINT RESIDUES WITHIN THE WORKING DAYS STIPULATED, LIQUIDATED DAMAGES SHALL BE CHARGED PER CALENDAR DAY ACCORDING TO ARTICLE 108.09 OF THE STANDARD SPECIFICATIONS UNTIL SUCH TIME THAT ALL PAINT RESIDUES HAVE BEEN 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: _____

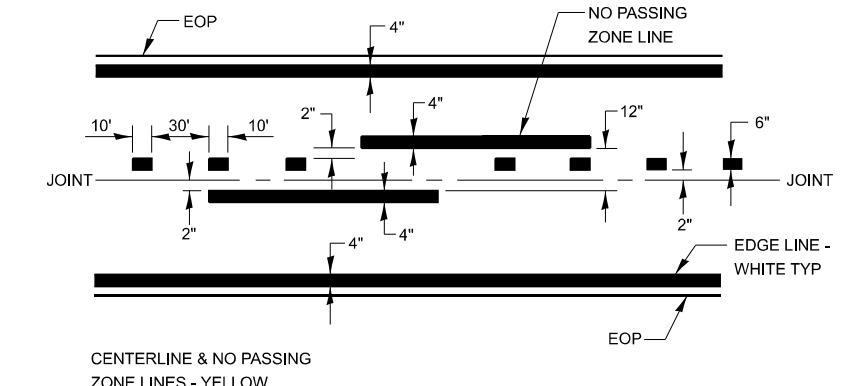
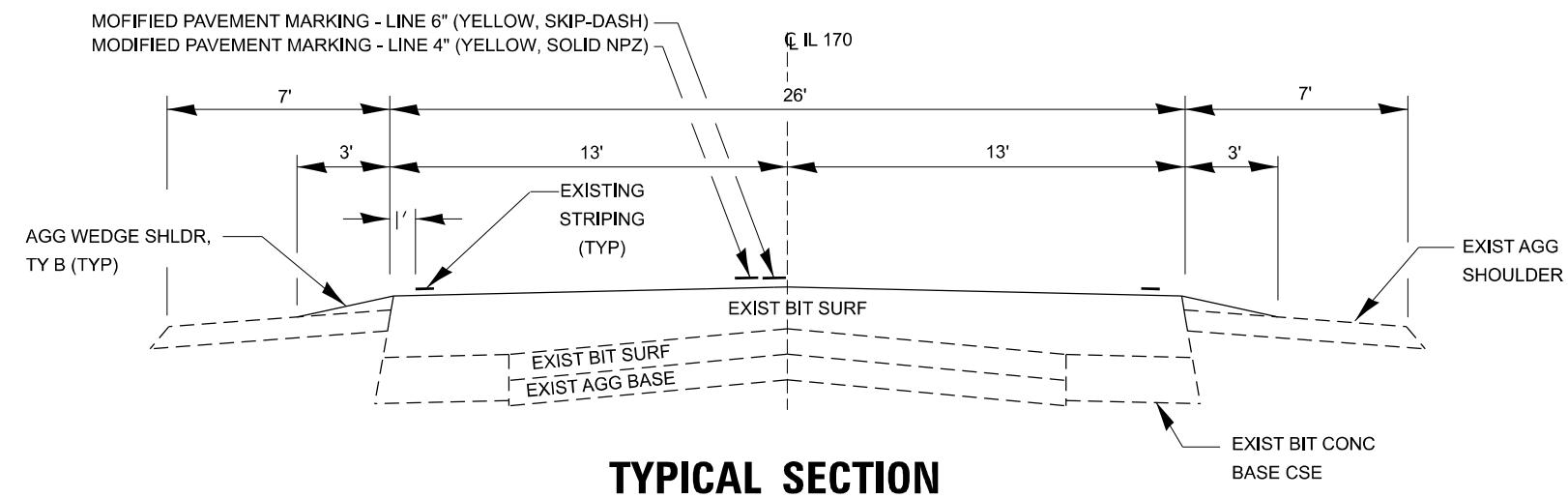
INSPECTORS: _____

USER NAME	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				DRAWN - RW	REVISED -	CHECKED - JS					
PLOT DATE	DATE - 7/10/2025	REVISED -		SCALE:	1	OF 1	Sheets	STA.	TO STA.	ILLINOIS	FED.AID PROJECT
786	(97BR-2)BP	LIVINGSTON	7	2							

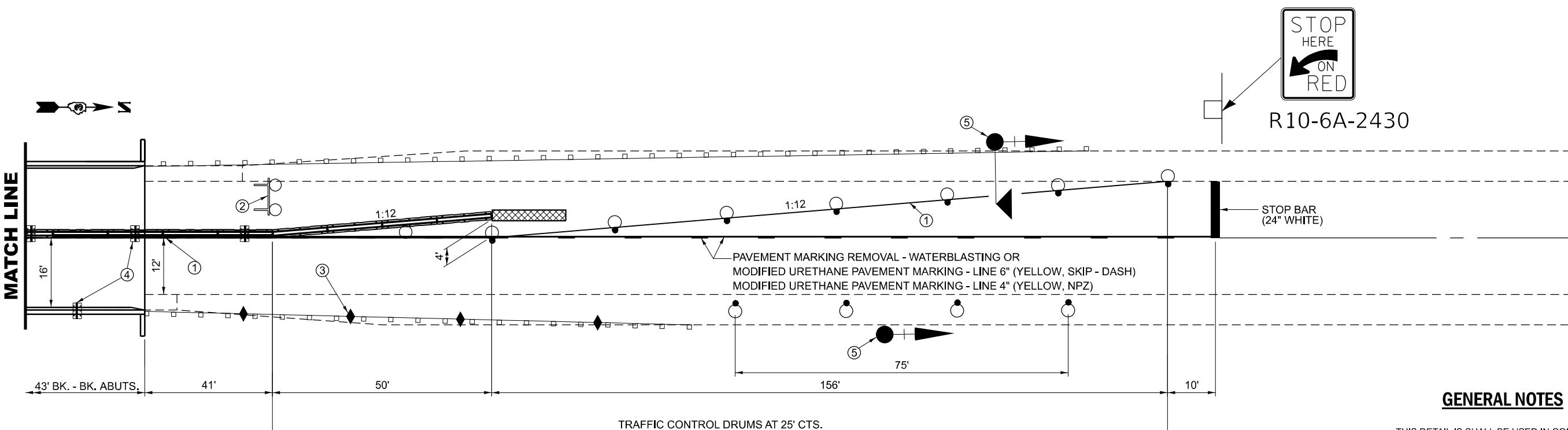
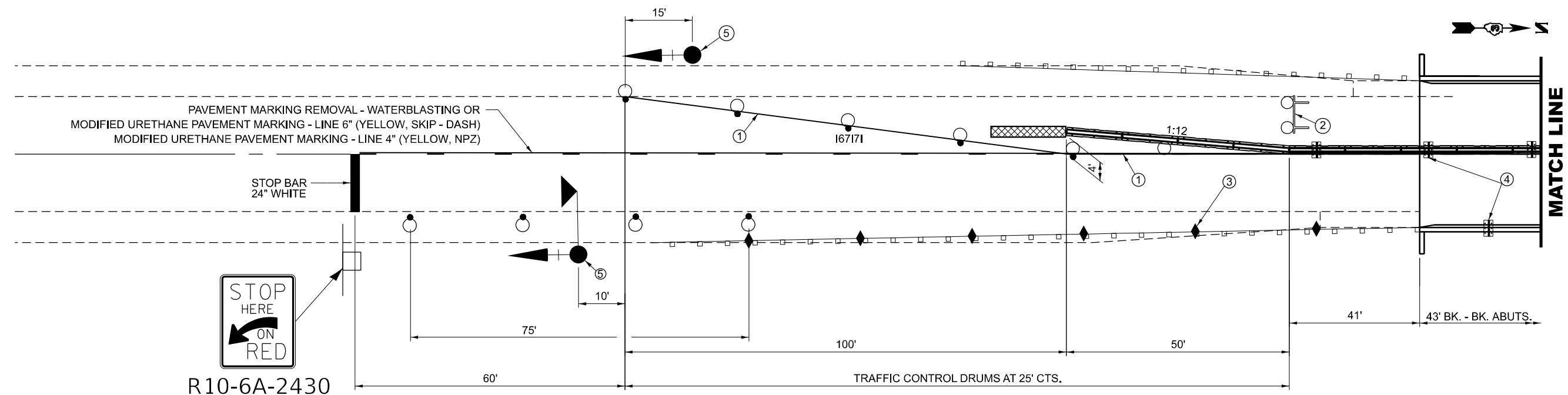
CODE NO.	ITEM	UNIT	CONSTRUCTION CODE	
			BRIDGE PAINTING	
			80% FED, 20% STATE	
			BRIDGE	
67100100	MOBILIZATION	L SUM	1	1
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6
70400100	TEMPORARY CONCRETE BARRIER	FOOT	225	225
70600251	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
*	78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	550	550
*	78009006 MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	140	140
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	252	252
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
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	42	42
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1

*SPECIALITY ITEMS

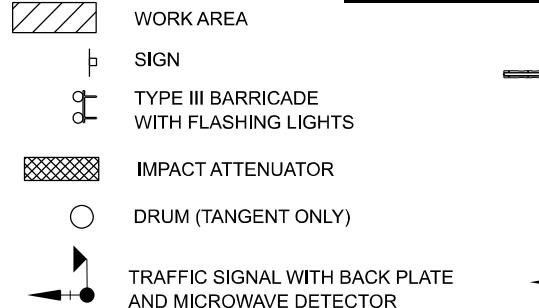
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	DRAWN - RW	REVISED -		786	(97BR-2)BP	LIVINGSTON	7	3				
	CHECKED - JS	REVISED -										CONTRACT NO. 66R93
PLOT DATE = 7/23/2025	DATE - 7/10/2025	REVISED -		SCALE:	1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS	FED.AID PROJECT	



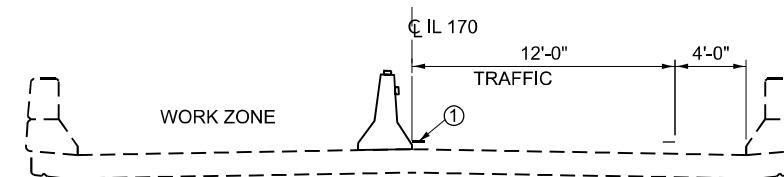
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - RW	REVISED -			786	(97BR-2)BP	LIVINGSTON	7	4
	CHECKED - JS	REVISED -							CONTRACT NO. 66R93
PLOT DATE = 7/19/2025	DATE - 7/10/2025	REVISED -			SCALE:	1 OF 1 SHEETS STA.	TO STA.		ILLINOIS FED.AID PROJECT



SYMBOLS



- 6 DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT (TAPER ONLY)
- 7 TEMPORARY CONCRETE BARRIER
- 8 BARRIER WALL REFLECTOR, TYPE "C"
- 9 CRYSTAL, BIDIRECTIONAL GUARDRAIL REFLECTOR
- 10 FLASHING BI-DIRECTIONAL LIGHT
- 11 TRAFFIC SIGNAL WITH BACK PLATE
- 12 ① TEMPORARY PAVEMENT MARKING
- 13 ② TYPE III BARRICADE TO BE PLACED WHEN NO WORK IS BEING PERFORMED.
- 14 ③ GUARDRAIL REFLECTORS, TYPE "A" AT 25' CTS. SEE SHEET 6 OF 7 FOR DETAILS.
- 15 ④ BARRIER WALL REFLECTORS TYPE "C" AT 25' CTS. SEE SHEET 6 OF 7 FOR DETAILS.
- 16 ⑤ THE EDGE OF THE POST MOUNTED SIGNAL HEAD SHALL BE BETWEEN 24" AND 6' FROM EDGE OF SHOULDER.



CROSS SECTION

THIS DETAIL IS SHALL BE USED IN CONJUNCTION WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701221

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.

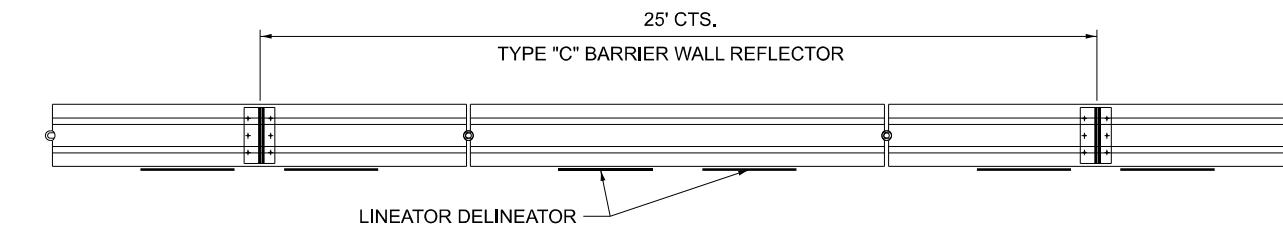
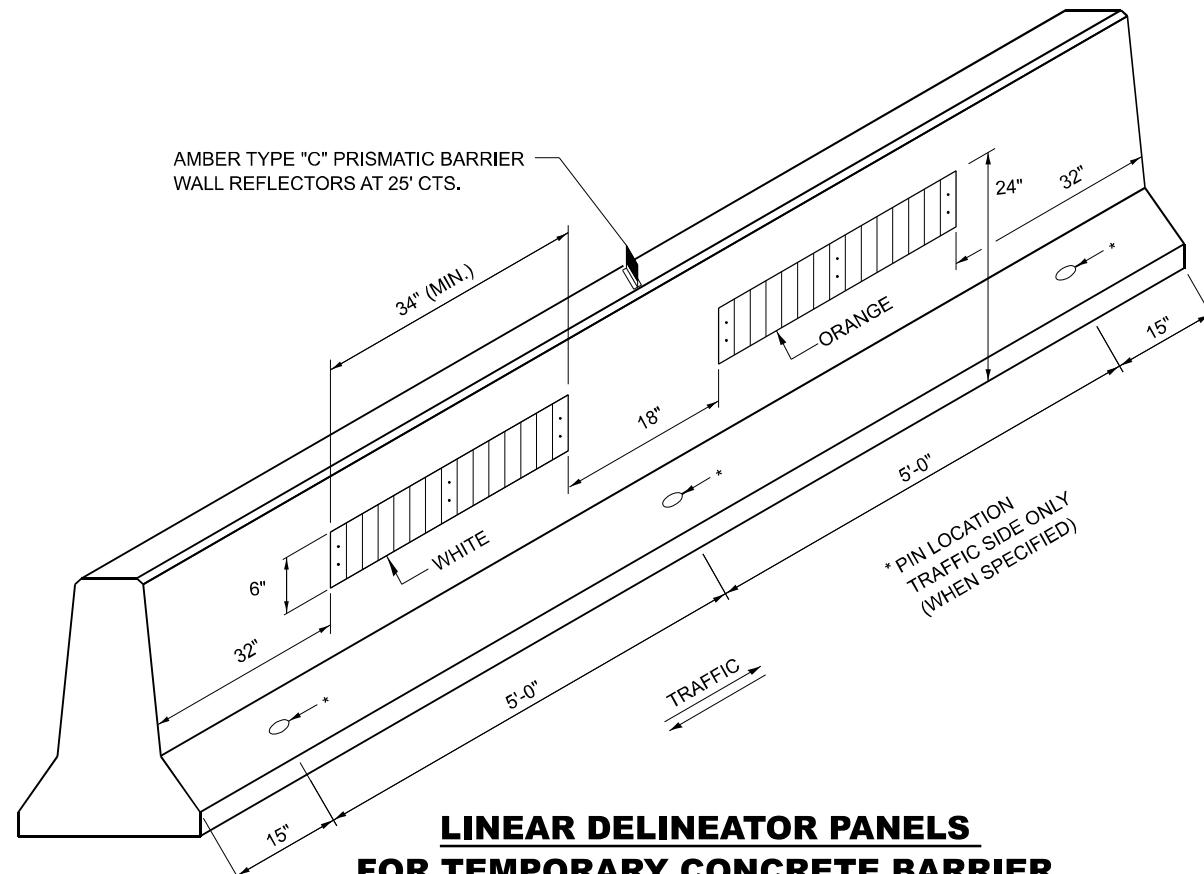
TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

TEMPORARY CONCRETE BARRIER DELINEATION SHALL BE ACCORDING TO THE DETAILS AS PROVIDED IN THE PLANS.

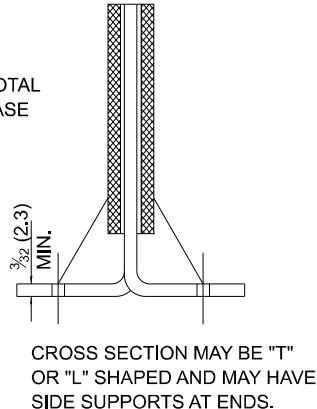
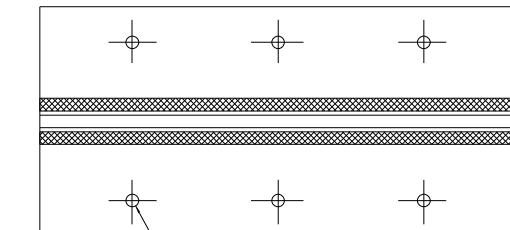
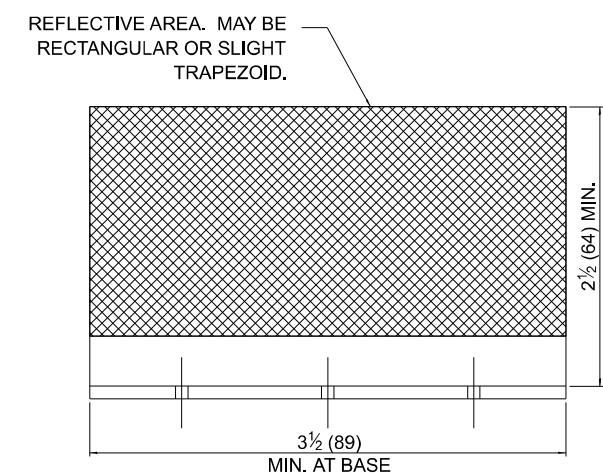
EXISTING OR TEMPORARY PAVEMENT MARKINGS SHALL BE ON BOTH SIDES OF OPEN LANE FROM STOP BAR TO STOP BAR.

FILE NAME: c:\pw\work\pwdata\twooods\shank\ch\d1\399853\B3368R93.dgn

	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
		DRAWN - RW	REVISED -							786	(97BR-2)BP	LIVINGSTON	7	5
		CHECKED - JS	REVISED -											CONTRACT NO. 66R93
	PLOT DATE = 9/3/2025	DATE - 7/10/2025	REVISED -		SCALE:	1	OF	1	SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT

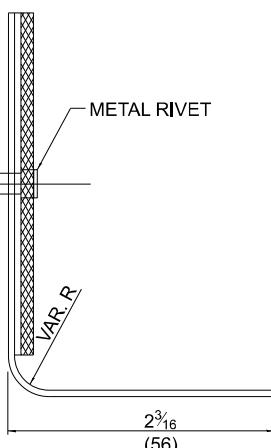
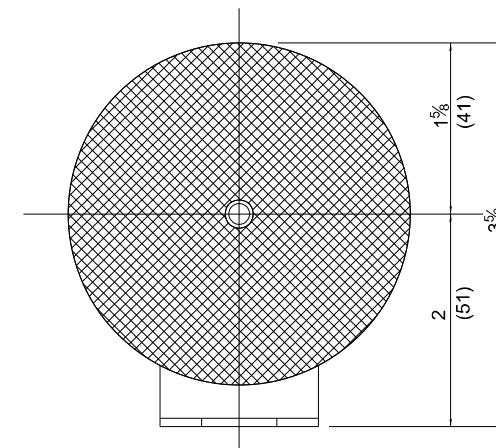
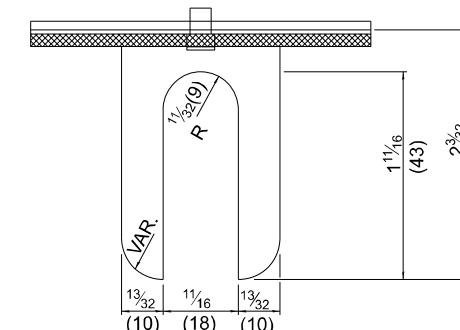
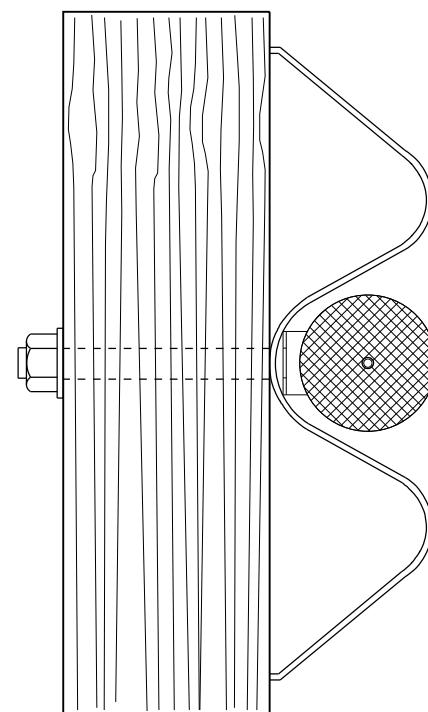


TYPE "C" REFLECTOR FOR TEMPORARY CONCRETE BARRIER



REFLECTOR TYPE C

TEMPORARY CONCRETE BARRAIER WALL

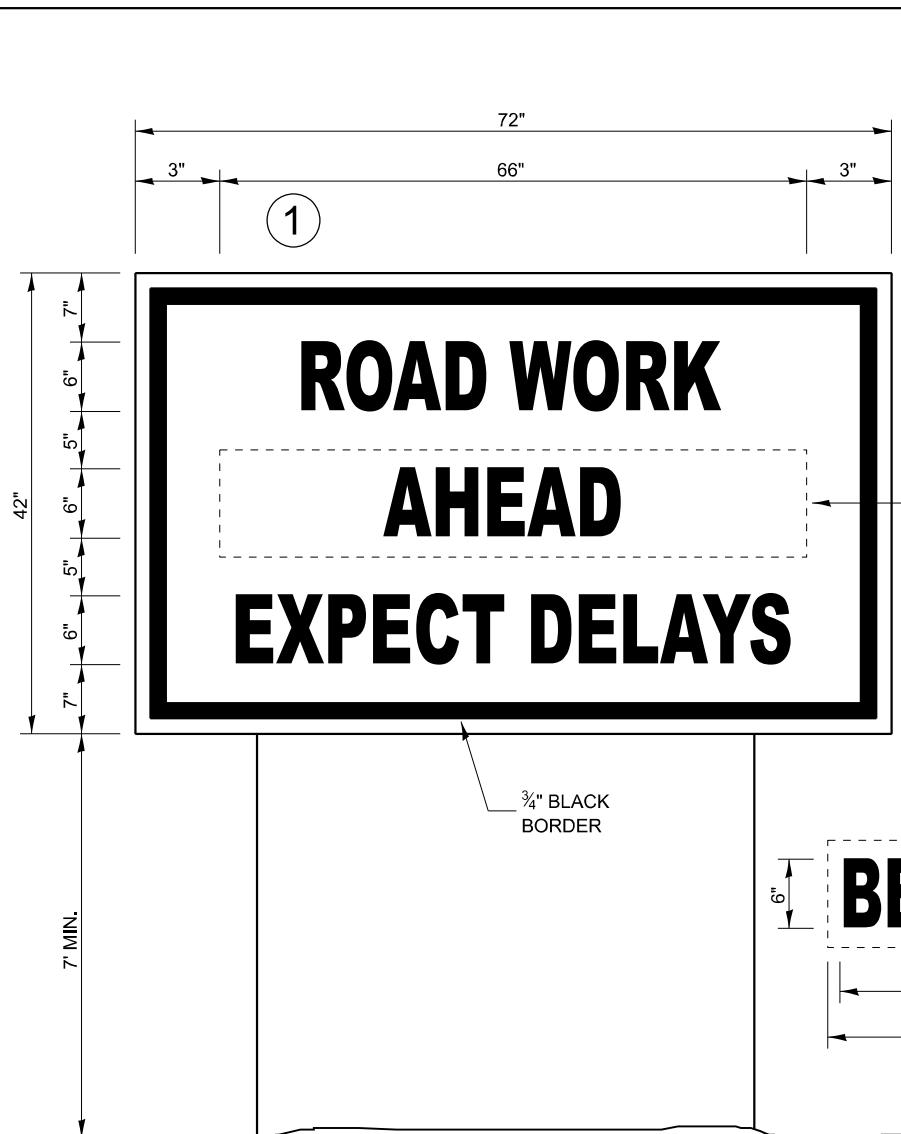


REFLECTOR TYPE A

(MONODIRECTIONAL SHOWN)
STEEL PLATE BEAM GUARDRAIL

TYPICAL MOUNTING DETAIL FOR GUARDRAIL TYPE "A" REFLECTOR

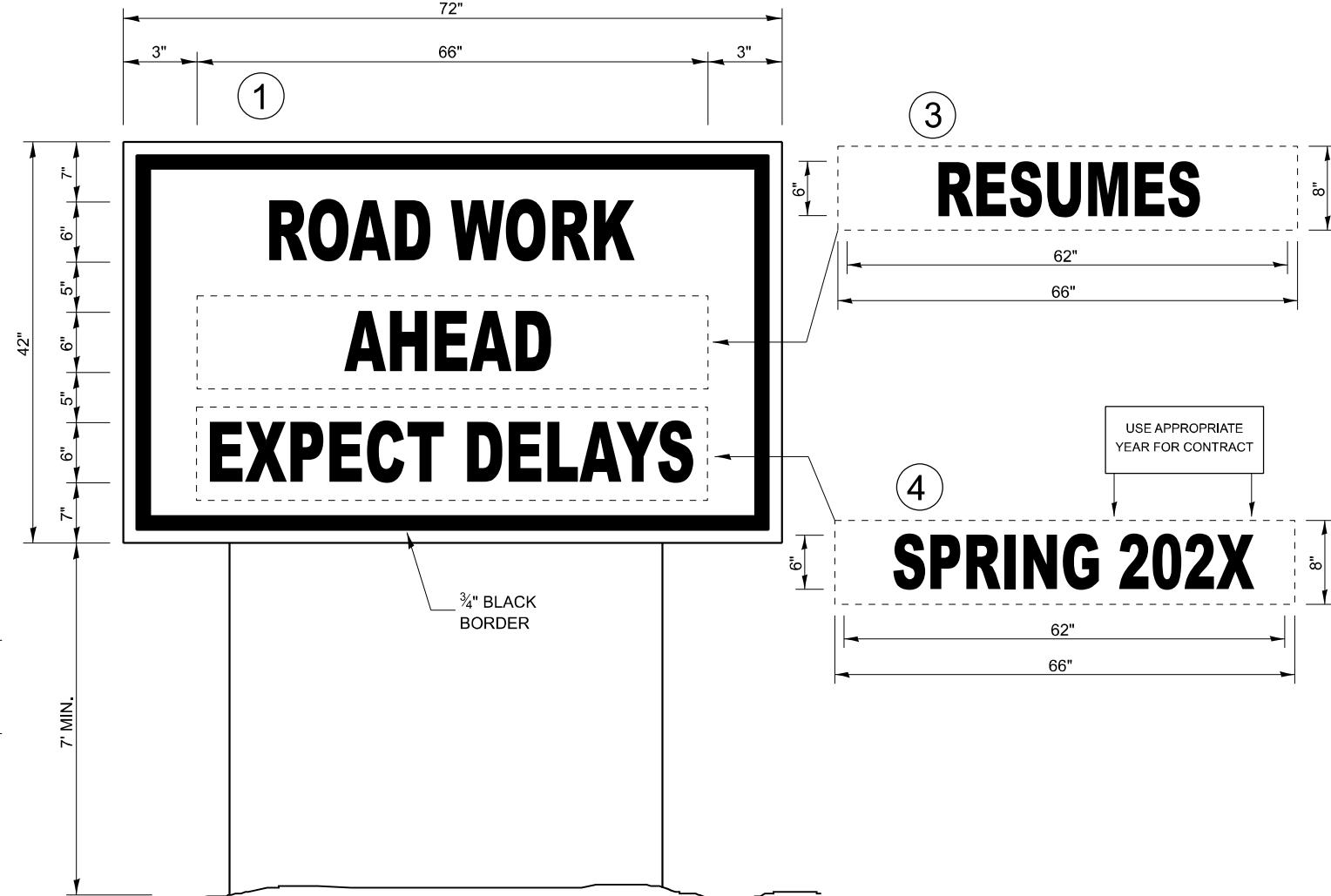
USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
DRAWN - RW	REVISED -	
CHECKED - JS	REVISED -	
PLOT DATE = 7/11/2025	DATE - 7/10/2025	REVISED -



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. THE DATE PANEL ② RESUMES PANEL ③ AND SPRING 202X PANEL ④ WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



WINTER SHUT DOWN SIGNING

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INFORMATION SIGNING			F.A.P. RTE. 786	SECTION (97BR-2)BP	COUNTY LIVINGSTON	TOTAL SHEETS 7	SHEET NO. 7
	DRAWN - RW	REVISED -		SCALE:	SHEET 1	OF 1	1 SHEETS	STA.	TO STA.		ILLINOIS FED.AID PROJECT
	CHECKED - JS	REVISED -									
PLOT DATE = 7/11/2025	DATE - 7/10/2025	REVISED -									