01-20-2023 LETTING ITEM 010

INDEX OF SHEETS

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- 2. GENERAL NOTES
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- 5. TYPICAL SECTIONS
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- 7 TRAFFIC CONTROL AND PROTECTION, STANDARD 701400
- 8. TRAFFIC CONTROL AND PROTECTION, STANDARD 701402
- 9. TYPICAL PAVEMENT MARKING

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 001006-00 DECIMAL OF AN INCH AND OF A FOOT OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY 701106-02 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH 701201-05 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≥ 45 MPH 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY 701901-08 TRAFFIC CONTROL DEVICES TEMPORARY CONCRETE BARRIER

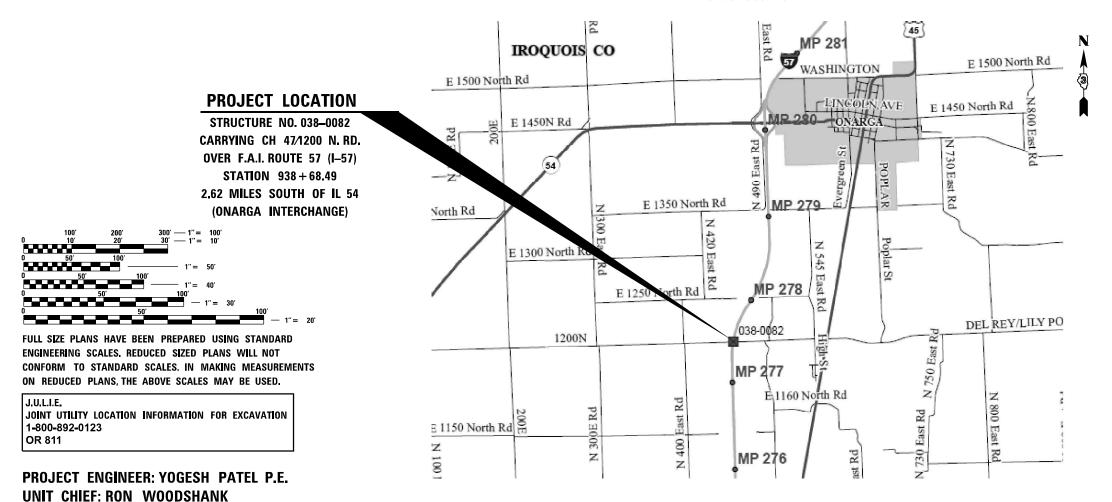
GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 57 (I-57)
SECTION (38-6HB)BP-2
PROJECT NHPP-4CL6(757)
BRIDGE PAINTING
IROQUOIS

C-93-030-23



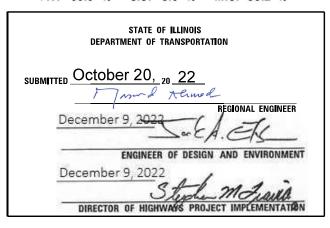
D-93-010-23



FUNCTIONAL CLASSIFICATION

RURAL INTERSTATE F.A.I. ROUTE 57 (I-57) 2021 ADT = 15,900

P.V. 60.9 % S.U. 3.9 % M.U. 35.2 %



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. 10/31/22

POINT LOCATION

DISTRICT PHONE (815) 434–6131

CONTRACT NO. 66N02

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GENERAL NOTES

PLAN DIMENSIONS AND DETAILS REALTIVE 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. 038-0082 SHALL BE CONSIDERED AS "LOCATION NO. 1".

THE EXISTING STRUCTURAL STEEL COATINGS FOR STRUCTURE NO. 038-0082 ARE NON-LEAD COATINGS. THE SSPC-QP1 "PAINTING CONTRACT CERTIFICATIONS" WILL BE REQUIRED FOR THIS STRUCTURE.

CLEANING AND PAINTING EXISTING STRUCTURAL STEEL

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

- a) ALL EXISTING STRUCTURAL STEEL, (INCLUDING BEAMS/GIRDERS, DIAPHRAGMS CROSS/LATERAL FRAMING, STEEL COMPONENTS OF EXISTING BEARINGS, STEEL FLOOR DRAINS (WHEN PRESENT), 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 EXISTING BEARINGS, STEEL FLOOR DRAINS (WHEN PRESENT), 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 O. 5B 7/1".
 - THE FINAL FINISH COAT FOR THE 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 CANNOT BE MOVED OR OPENED DURING NON-WORKING HOURS.

WORKING DAYS SHALL BE CHARGED UNTIL THE CONTRACTOR OR SUBCONTRACTOR, LICENSED TO DISPOSE OF LEAD OR NON-LEAD PAINT RESIDUES HAS REMOVED THE WASTE MATERIAL FROM THE SITE ACCORDING TO ALL FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES. IF THE LICENSED CONTRACTOR OR SUBCONTRACTOR FAILS TO DISPOSE OF THE LEAD OR NON-LEAD PAINT RESIDUES ON OR BEFORE THE SPECIFIED COMPLETION DATE, LIQUATED 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 REMOVED AND DISPOSED OF.

COMMITMENTS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE AS BUILT INFORMATION

		DATE:	
	SUPERVISING CONSTRUCTION FIELD ENGINEER	-	
	RESIDENT ENGINEER / TECHNICIAN	PREPARED BY: -	DISTRICT STUDIES & PLANS ENGINEER
FART & END DATES F CONSTRUCTION:		EXAMINED BY: _	DISTRICT CONSTRUCTION ENGINEER
INSPECTORS:			
		-	DISTRICT MATERIALS ENGINEER
		-	DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

w://ildol-pw.beniley.com:PWIDOT/Documents/IDOT Offices/District 3/ORD Projects/D386N02/CA

MODEL: Default

CONSTRUCTION CODE
BRIDGE PAINTING
90% FED / 10% STATE
BRIDGE
0047

					BRIDGE
	CODE			TOTAL	0047
	NO.	I_TEM	UNIT	QUANTITY	S.N. 038-0082
	67100100	MOBILIZATION	L SUM	1	1
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	400	400
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1200	1200
	70600251	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1
	70600352	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3	3
	70000332	THE ACT ATTENDATIONS, RELOCATE (NON- RESTRECTIVE, NAMED I), TEST ELVEL S	EACH		
*	78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	922	922
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1380	1380
*	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	922	922
			X 10 100 0		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1010	1010
	X2700001	TEMPORARY RUMBLE STRIPS (SPECIAL)	EACH	8	8
	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

^{*=} SPECIALTY ITEM

USER NAME = ronald.woodshank	DESIGNED	-	RW	REVISED
	DRAWN	-	RW	REVISED
PLOT SCALE = 100.000 ' / in.	CHECKED	-	YP	REVISED
PLOT DATE = 10/19/2022	DATE	-	9/13/2022	REVISED

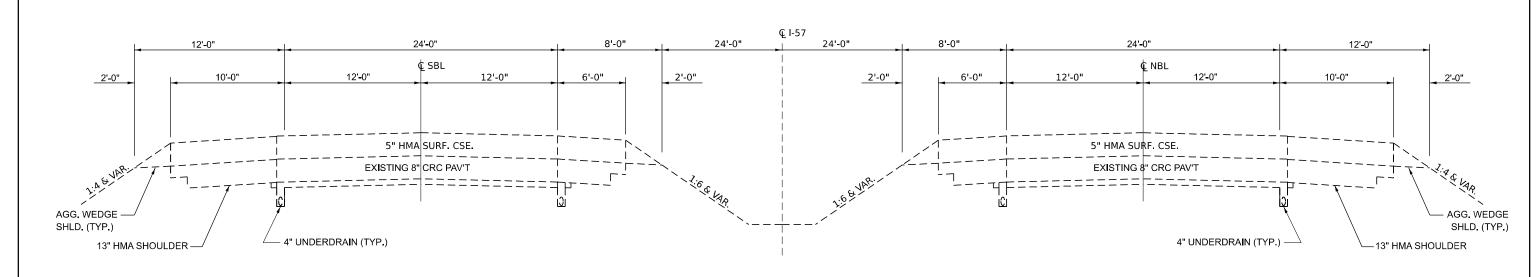
SCALE: 50

						F.A.I. RTE	SEC.	TION		COUNTY	TOTAL
	SU	IMMAI	RY OF O	UANTITIES		57	(38-6HE	B)BP-2		IROQUOIS	9
										CONTRACT	NO. 6
HEET	1	OF 2	SHEET	S STA	TO STA			ILLINOIS	FED. AI	D PROJECT	

				CONSTRUCTION CODE
				BRIDGE PAINTING
				90% FED / 10% STATE
				BR I DGE
CODE			TOTAL	0047
NO.	<u>I T</u> EM	UNIT	QUANTITY	S.N. 038-0082
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	1	1
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: 50



TYPICAL SECTION

STA. 910+80 TO STA. 1269+02 (LOOKING NORTH)

USER NAME = ronald.woodshank	DESIGNED	-	RW	REVISED	
	DRAWN	-	RW	REVISED	
PLOT SCALE = 100.000 ' / in.	CHECKED	-	YP	REVISED	
PLOT DATE = 10/17/2022	DATE	-	9/13/2022	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

									F.A.I. RTE	SECT	rion .		COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL SECTION							57	(38-6HB)BP-2		IROQUOIS	9	5		
													CONTRACT	NO. 661	N02
SCALE: 50	SHEET	1	OF	1	SHEETS	STA	TO STA.				ILLINOIS	FED. AIC	PROJECT		

SCHEDULE - TRAFFIC CONTROL AND PROTECTION

	TRAFFIC	CHANGEABLE	TEMPORARY	TEMPORARY	RELOCATE	IMPACT	IMPACT
	CONTROL	MESSAGE	RUMBLE	CONCRETE	TEMPORARY	ATTENUATORS,	ATTENUATORS,
	AND	SIGN	STRIPS	BARRIER	CONCRETE	TEMPORARY	RELOCATE
LOCATION	PROTECTION		(SPECIAL)		BARRIER	NON-REDIRECTIVE,	NON-REDIRECTIVE,
LOCATION	STANDARD					NARROW	NARROW
	701402					TEST LEVEL 3	TEST LEVEL 3
	SPECIAL						
	EACH	CAL DA	EACH	FOOT	FOOT	EACH	EACH
NB PL	0.5	14	2	400		1	
NB DL			2		400		1
SB PL	0.5	14	2		400		1
SB DL			2		400		1
TOTAL	1	28	8	400	1200	1	3

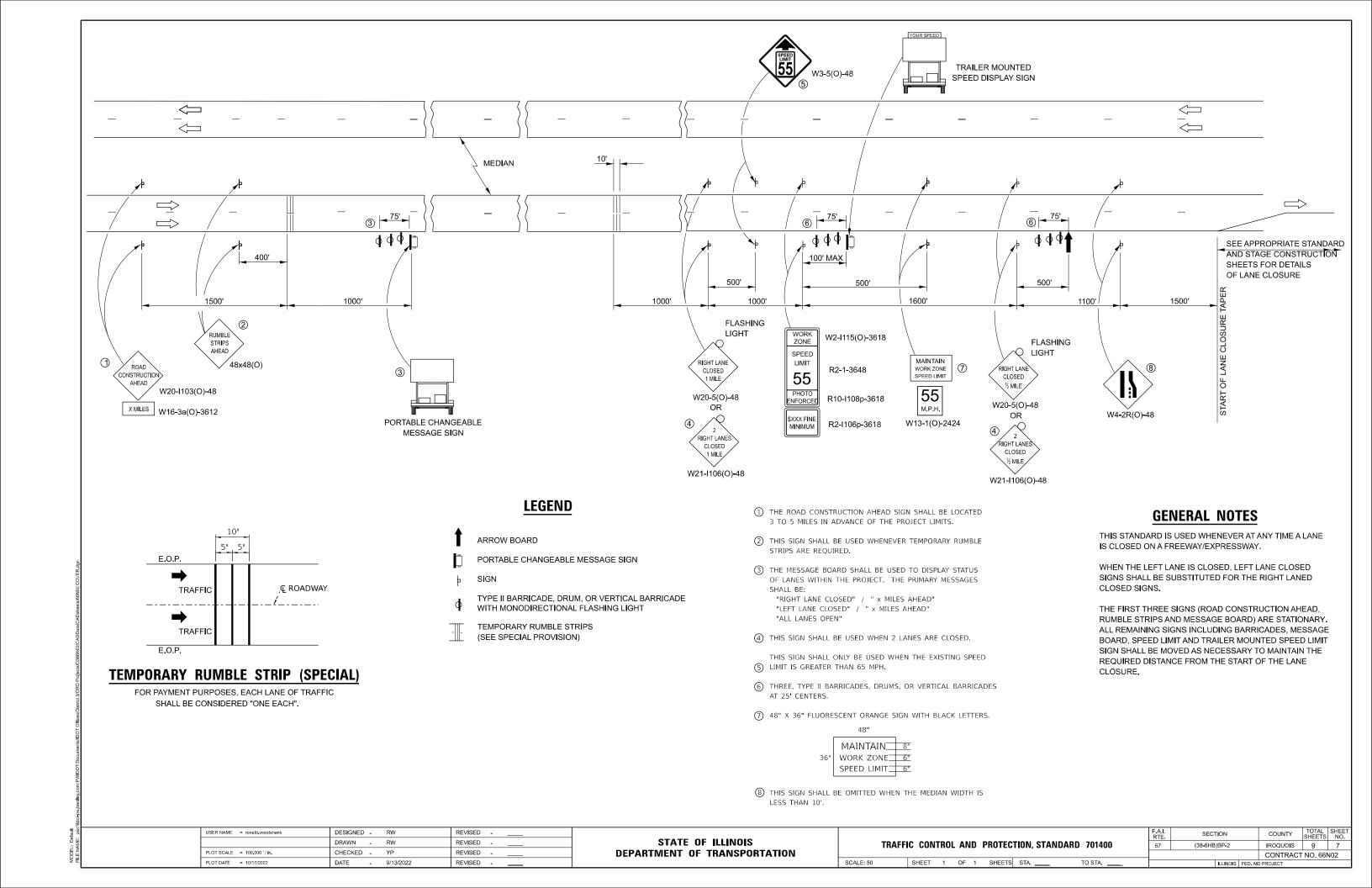
SCHEDULE - PAVEMENT MARKING

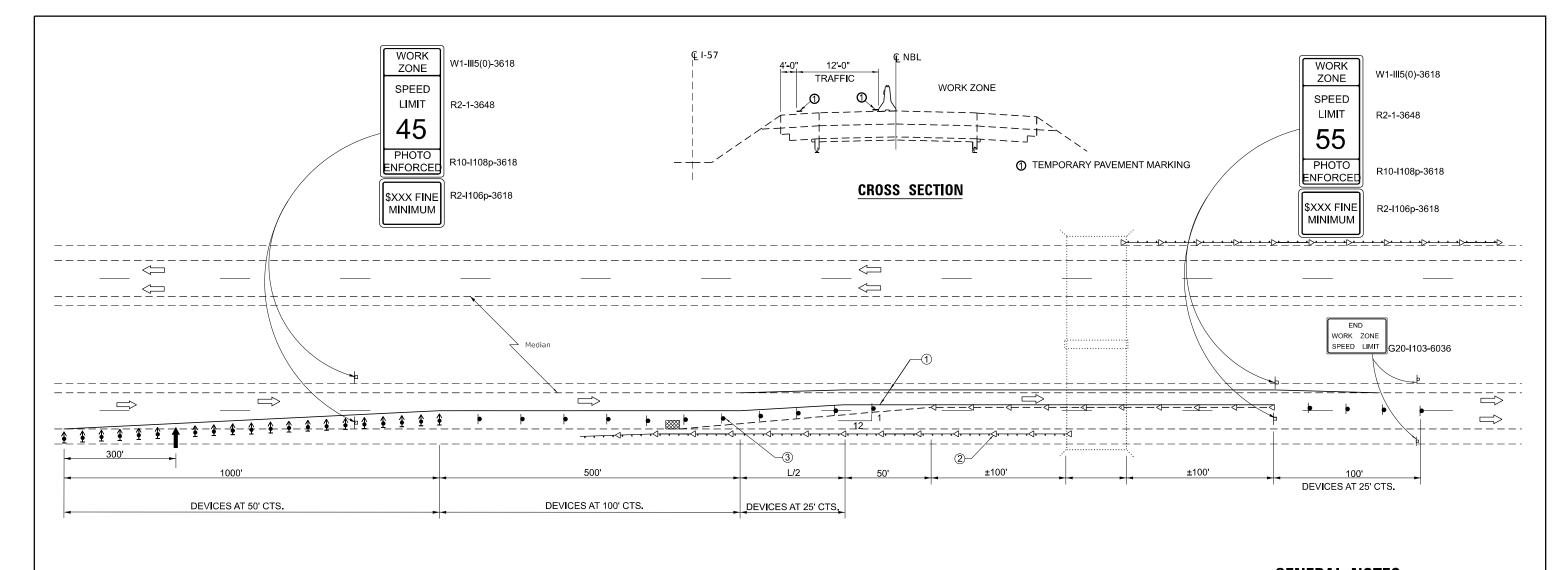
	94.				
	PAVE	MENT	MODIFIED	PREFORMED	GROOVING
	MAR	KING	URETHANE	PLASTIC	FOR
	REM	OVAL	PAVEMENT	PAVEMENT	RECESSED
LOCATION	WATERB	LASTING	MARKING	MARKING	PAVEMENT
LOCATION				TYPE D	MARKING
				LINE	7"
	LINE 4"	LINE 6"	LINE 4"	6"	
	SQ	FT	FOOT	FOOT	FOOT
NORTHBOUND I	LANES				
PASSING LANE	137	231	345	461	461
DRIVING LANE	137		345		
SUBTOTAL	274	231	690	461	461
SOUTHBOUND L	ANES				
PASSING LANE	137	231	345	461	461
DRIVING LANE	137		345		
SUBTOTAL	274	231	690	461	461
TOTAL	10	10	1380	922	922
	•				•

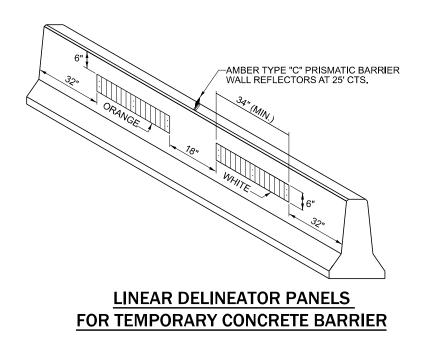
SCHEDULE - CLEANING AND PAINTING

	CONTAINMENT	CLEANING	BRIDGE
	AND	AND	CLEANING
	DISPOSAL	PAINTING	AND
LOCATION	NON-LEAD	STEEL	PAINTING
LOCATION	PAINT	BRIDGE	WARRANTY
	CLEANING	NO.	NUMBER
	RESIDUES	1	1
	LSUM	LSUM	EACH
SN038-0082	1	1	1
TOTAL	1	1	1

USER NAME = ronald.woodshank	DESIGNED	-	RW	REVISED -	
	DRAWN	-	RW	REVISED -	
PLOT SCALE = 100.000 ' / in.	CHECKED	-	YP	REVISED -	
PLOT DATE = 10/17/2022	DATE	-	9/13/2022	REVISED -	







SYMBOLS

ARROW BOARD

WORK AREA

- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR
 VERTICAL BARRICADE WITH STEADY
 BURN MONODIRECTIONAL LIGHT
 TEMPORARY CONCRETE BARRIER
- MONODIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
- IMPACT ATTENUATOR

- TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND ALONG-SIDE THE WORK AREA. THE RIGHT EDGE LINE SHALL BE WHITE AND THE LEFT EDGE LINE SHALL BE YELLOW.
- ② GUARDRAIL/BARRIER WALL REFLECTORS AT 25'.
 MARKERS ON RIGHT SHALL BE SHALL BE CRYSTAL AND
 MARKERS ON LEFT SHALL BE AMBER. SEE STANDARDS
 704001 AND 782006.
- ③ VERTICAL BARRICADES SHALL NOT BE USED IN LANE SHIFT TAPER.

SCALE: 50

GENERAL NOTES

THIS STANDARD IS USED WHERE AT ANY TIME ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES WILL ENCROACH ON THE PAVEMENT OR ON THE SHOULDER WITHIN 24 (600) OF THE EDGE OF PAVEMENT FOR DAYLIGHT OPERATION EXCEEDING ONE DAY AND WHERE TEMPORARY CONCRETE BARRIER IS UTILIZED.

THIS STANDARD MUST ALWAYS BE USED IN COMBINATION WITH STANDARD 701400.

WHEN WORK IS BEING PERFORMED IN THE LEFT LANE, THE SET UP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.

TEMPORARY CONCRETE BARRIER SHALL BE ACCORDING TO STANDARD 704001.

CALCULATE L AS FOLLOWS:

NORMAL POSTED SPEED: 45 MPH OR MORE

FORMULA: ENGLISH L = (W)(S)

W = WIDTH OF OFFSET IN FEET.

S = NORMAL POSTED SPEED IN MPH.

USER NAME = ronald.woodshank	DESIGNED -	-	RW	REVISED	-	
	DRAWN -		RW	REVISED	-	
PLOT SCALE = 100.000 ' / in.	CHECKED -		YP	REVISED	-	
PLOT DATE = 10/17/2022	DATE -		9/13/2022	REVISED	_	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTCTION, STANDARD 701402						F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
						57	(38-6HB)BP-2		IROQUOIS	9	8		
										CONTRACT NO. 66N02			
	CHEET	4	OF	4	CHEETO	CTA	TO CTA	Tu			DDO IFOT		

