03-10-2023 LETTING ITEM 047

INDEX OF SHEETS

- COVER SHEET GENERAL NOTES
- SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- SCHEDULES
- TRAFFIC CONTROL AND PROTECTION, STANDARD 701400
- TRAFFIC CONTROL AND PROTECTION, STANDARD 701402
- TYPICAL PAVEMENT MARKING

HIGHWAY STANDARDS

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 000001-08 001006 DECIMAL OF AN INCH AND OF A FOOT OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM 701101-05 PAVEMENT EDGE 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15 (4.5 m) AWAY LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, 701426-09 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY 701901-08 TRAFFIC CONTROL DEVICES TEMPORARY CONCRETE BARRIER 704001-08 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS 782006-01

PROPOSED HIGHWAY PLANS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 55 (I-55) SECTION (32–1BR,32–1VBR)BP PROJECT NHPP-H2E0(028) **BRIDGE PAINTING GRUNDY COUNTY**

LOCATION 3

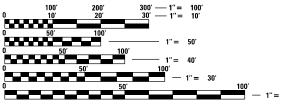
STRUCTURE NO. 032-0007 (NB) CARRYING F.A.I. ROUTE 55 (I-55) 3.2 MI. SOUTH OF REED RD.

LOCATION 1

STRUCTURE NO. 032-0005 (NB) CARRYING F.A.I. ROUTE 55 (I-55) OVER THE MAZON RIVER 4.1 MI. SOUTH OF REED RD.

LOCATION 2

STRUCTURE NO. 032-0006 (SB) CARRYING F.A.I. ROUTE 55 (I-55) OVER THE MAZON RIVER 4.1 MI. SOUTH OF REED RD.



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.

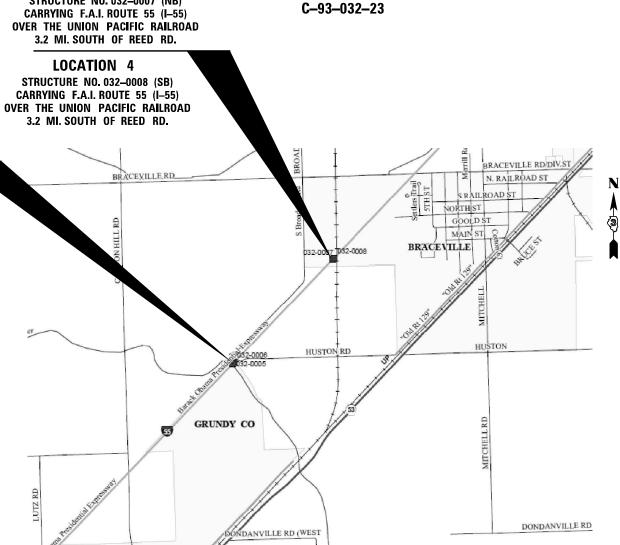
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JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER: YOGESH PATEL P.E. **UNIT CHIEF: RON WOODSHANK**

CONTRACT NO. 66N04



POINT LOCATIONS

GRUNDY 10 1 ILLINOIS CONTRACT NO. 66N04

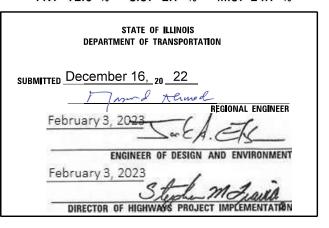
D-93-012-23



FUNCTIONAL CLASSIFICATION

RURAL/URBAN INTERSTATE F.A.I. ROUTE 55 (I-55) 2021 ADT = 23.300

P.V. 72.6 % S.U. 2.7 % M.U. 24.7 %



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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. 032-0005 (NB) SHALL BE CONSIDERED AS "LOCATION NO. 1".

STRUCTURE NO. 032-0006 (SB) SHALL BE CONSIDERED AS "LOCATION NO. 2".

STRUCTURE NO. 032-0007 (NB) SHALL BE CONSIDERED AS "LOCATION NO. 3".

STRUCTURE NO. 032-0008 (SB) SHALL BE CONSIDERED AS "LOCATION NO. 4".

THE EXISTING STRUCTURAL STEEL COATINGS FOR THESE STRUCTURES CONTAIN LEAD THE SSPC-QP1 AND SSPC-QP2 "PAINTING CONTRACT CERTIFICATIONS" WILL BE REQUIRED FOR

A MINIMUM OF TWO AIR MONITORS SHALL BE REQUIRED FOR EACH STRUCTURE. THE CONTRACTOR SHALL FURNISH AND INSTALL THE MONITORS AT LOCATIONS AS DESIGNATED BY THE ENGINEER.

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".
- 2) 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 JOB 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 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

SCALE:

	SUPERVISING CONSTRUCTION FIELD ENGINEER	DAIL.	
	RESIDENT ENGINEER / TECHNICIAN	PREPARED BY:	DISTRICT STUDIES & PLANS ENGINEER
START & END DATES OF CONSTRUCTION:		EXAMINED BY:	DISTRICT CONSTRUCTION ENGINEER
INSPECTORS:			
			DISTRICT MATERIALS ENGINEER
		-	DISTRICT OPERATIONS ENGINEER

USER NAME = ronald.woodshank DESIGNED - RW REVISED DRAWN - RW REVISED -REVISED PLOT DATE = 12/16/2022 DATE REVISED -- 9/23/2022

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY **GENERAL NOTES** (32-1BR,32-1VBR)BP GRUNDY 10 2 CONTRACT NO. 66N04 SHEET 1 OF 1 SHEETS STA. TO STA.

USER NAME = ronald.woodshank	DESIGNED -	RW	REVISED
	DRAWN _	RW	REVISED
 PLOT SCALE = 100.000 ' / in.	CHECKED -	YP	REVISED
 PLOT DATE = 12/16/2022	DATE -	9/23/2022	REVISED

SCALE:

						F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHE		
	SUMMARY OF QUANTITIES		55	(32-1BR,32-1VBR)BI	P	GRUNDY	10	3					
						Į			CONTRACT	NO. 661	N04		
	SHEET	1	OF	2	SHEETS	STA	TO STA	ILLINOIS FED. A			PROJECT		

CONSTRUCTION CODE

^{*=} SPECIALTY ITEM

				BRIDGE PAINTING	BRIDGE PAINTING
1			Г	90% FED / 10% STATE BRIDGE	90% FED / 10% STATE BRIDGE
CODE			TOTAL	0047	0047
NO.	ITEM	UNIT	QUANTITY	URBAN	RURAL
110.		- ONT T	QUANTITI	OKBAN	KOTOTE
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	4	2	2
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1	
Z0007102	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 2	L SUM	1	1	
Z0007103	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 3	L SUM	1		1
Z0007104	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 4	L SUM	1		1
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1	
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1	1	
Z0010503	CLEANING AND PAINTING STEEL BRIDGE NO. 3	L SUM	1		1
Z0010504	CLEANING AND PAINTING STEEL BRIDGE NO. 4	L SUM	1		1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1

USER NAME = ronald.woodshank	DESIGNED	-	RW	REVISED	
	DRAWN	-	RW	REVISED	
PLOT SCALE = 100.000 ' / in.	CHECKED	-	YP	REVISED	
PLOT DATE = 12/16/2022	DATE	-	9/23/2022	REVISED	

							F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		SUM	MAR	Y OF QU		55	(32-1BR,32-1VBR)BP	GRUNDY	10	4	
									CONTRAC	T NO. 661	N04
SCALE:	SHEET	2	OF 2	2 SHEETS	STA	TO STA		ILLINOIS FED. A	D PROJECT		

CONSTRUCTION CODE

E NAME: pr://illdot-pu.beniley.com:PMDOT/Documents/IDOT Offices/District 3/ORD Projects/D366N04/CADData/CADsheets

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EX 9 1/4" HMA SHOULDERS (TYP)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

_ APPROX. 8 1/2" EX HMA OVERLAYS (TYP)

EX 10" PCC PVMT (TYP)

ℚ NB I-55

EX 4-6" SUBBASE GRAN MAT (TYP) EXISTING TYPICAL SECTION LOOKING NORTH

EX 11 1/4" HMA SHOULDERS (TYP)

€ SB I-55

Q I-55

— EX CABLE MEDIAN BARRIER*

SCHEDULES FOR STRUCTURE NO. 032-0005 (NB)

	TRAFFIC C	ONTROL AND	PROTECTIO	PAVEMENT M	ARKING	CLEANIN	G AND PAI	NTING	
TRAFFIC	CHANGEABLE	TEMPORARY	TEMPORARY	IMPACT	PAVEMENT	MODIFIED	CONTAINMENT	CLEANING	BRIDGE
CONTROL	MESSAGE	RUMBLE	CONCRETE	ATTENUATORS,	MARKING	URETHANE	AND	AND	CLEANING
AND	SIGN	STRIPS	BARRIER	TEMPORARY	REMOVAL	PAVEMENT	DISPOSAL	PAINTING	AND
PROTECTION		(SPECIAL)		NON-REDIRECTIVE,	WATERBLASTING	MARKING	OF LEAD	STEEL	PAINTING
STANDARD				NARROW	LINE 6"	LINE 6"	PAINT	BRIDGE	WARRANTY
701402				TEST LEVEL 3			CLEANING	NO. 1	NUMBER 1
							RESIDUES		
							NO. 1		
EACH	CAL DA	EACH	FOOT	EACH	SQFT	FOOT	L SUM	LSUM	LSUM
1	14	4	575	1	245	980	1	1	1

SCHEDULES FOR STRUCTURE NO. 032-0006 (SB)

	TRAFFIC C	ONTROL AND	PROTECTIO	N	PAVEMENT M	ARKING	CLEANIN	G AND PAI	NTING
TRAFFIC	TRAFFIC CHANGEABLE TEMPORARY RELOCATE		IMPACT	PAVEMENT	MODIFIED	CONTAINMENT	CLEANING	BRIDGE	
CONTROL	MESSAGE	RUMBLE	TEMPORARY	ATTENUATORS,	MARKING	URETHANE	AND	AND	CLEANING
AND	SIGN	STRIPS	CONCRETE	RELOCATE	REMOVAL	PAVEMENT	DISPOSAL	PAINTING	AND
PROTECTION		(SPECIAL)	BARRIER	NON-REDIRECTIVE,	WATERBLASTING	MARKING	OF LEAD	STEEL	PAINTING
STANDARD				NARROW	LINE 6"	LINE 6"	PAINT	BRIDGE	WARRANTY
701402				TEST LEVEL 3			CLEANING	NO. 2	NUMBER 2
							RESIDUES		
							NO. 2		
EACH	EACH CAL DA EACH FOOT EACH		EACH	SQFT	FOOT	L SUM	L SUM	L SUM	
1	14	4	575	1	245	980	1	1	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

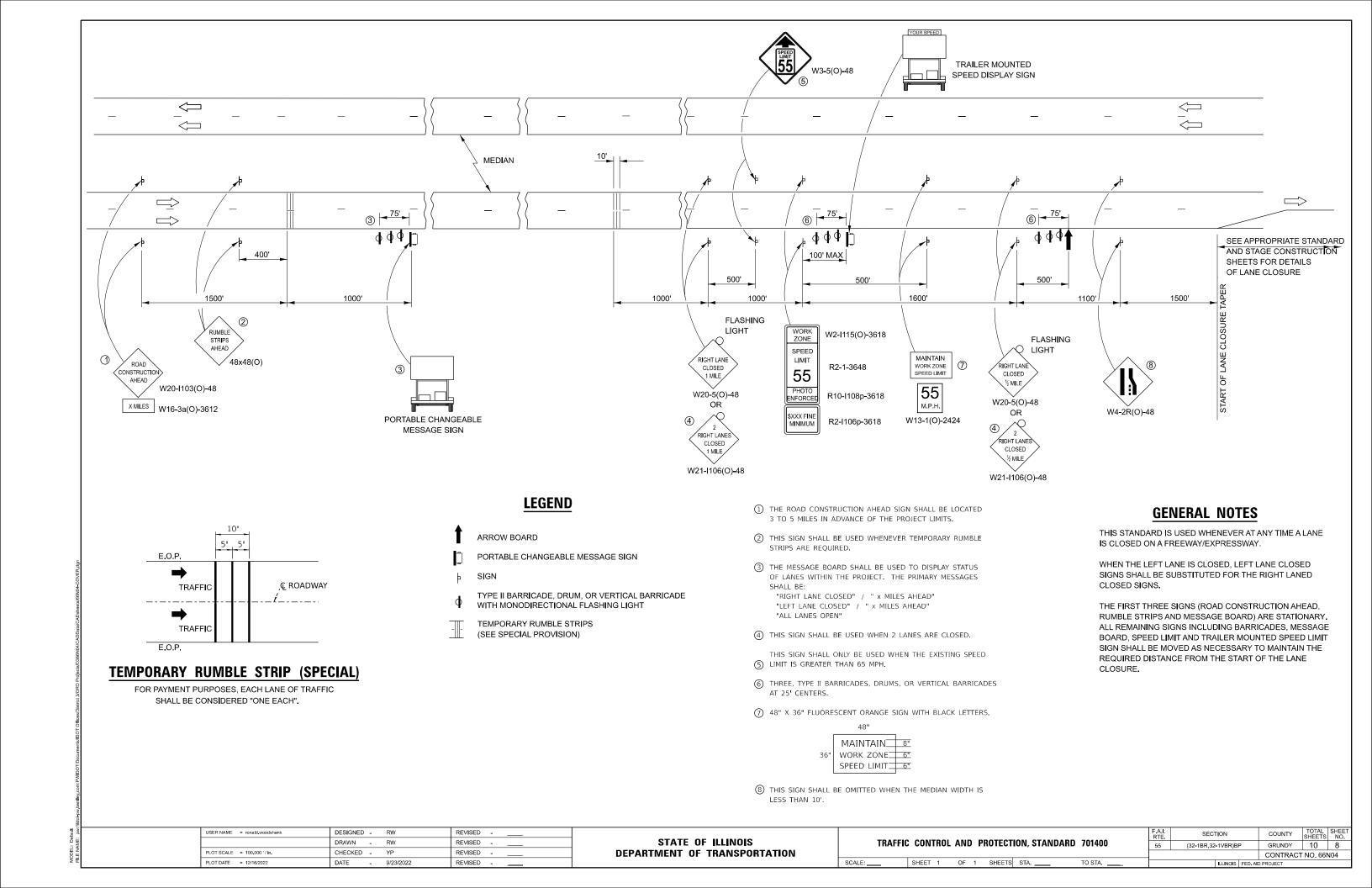
SCHEDULES FOR STRUCTURE NO. 032-0007 (NB)

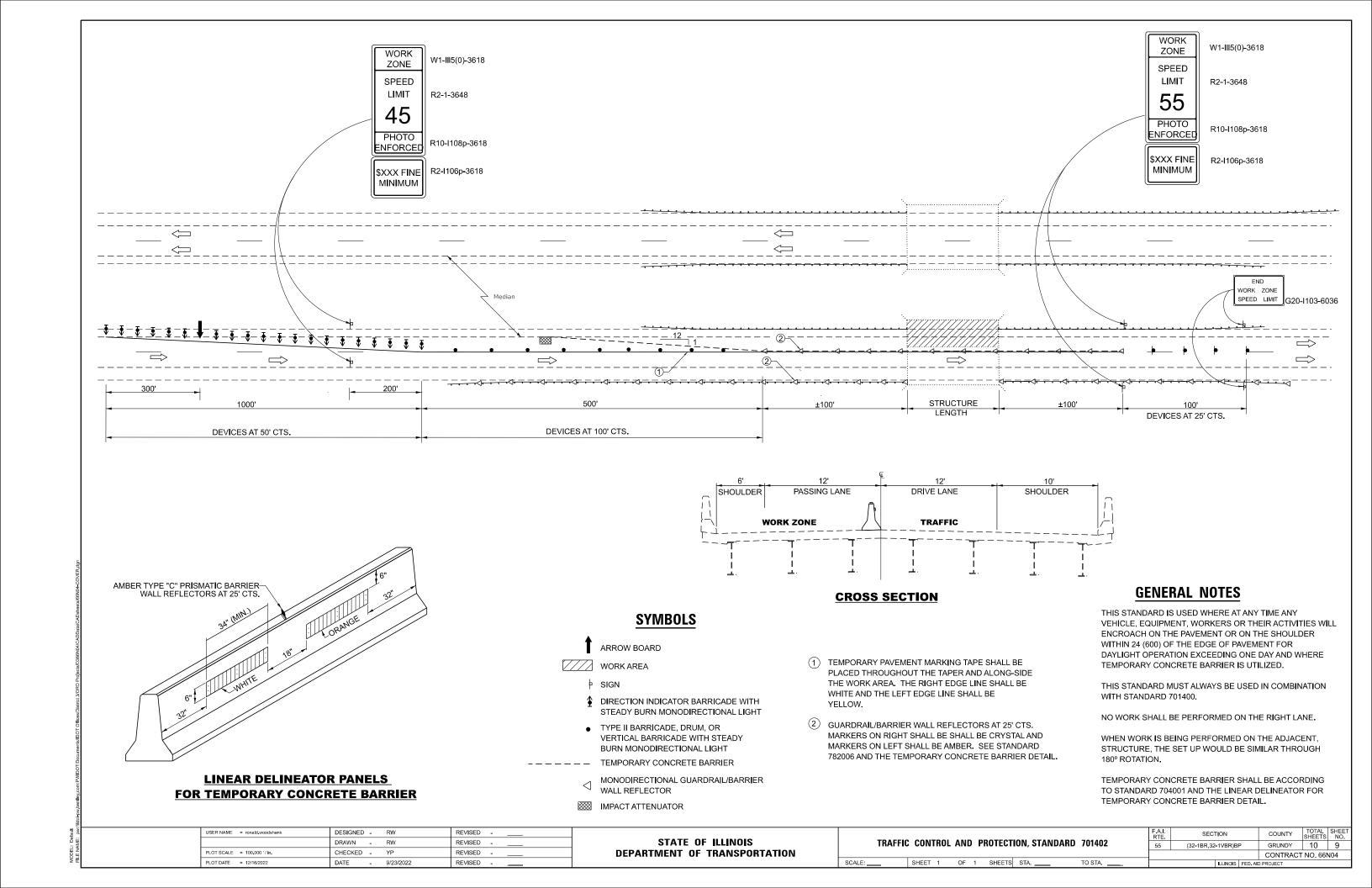
	TRAFFIC C	ONTROL AND	PROTECTIO	PAVEMENT M	ARKING	CLEANIN	G AND PAII	NTING	
TRAFFIC CHANGEABLE TEMPORARY TEMPORAR		TEMPORARY	IMPACT	PAVEMENT	MODIFIED	CONTAINMENT	CLEANING	BRIDGE	
CONTROL	MESSAGE	RUMBLE	CONCRETE	ATTENUATORS,	MARKING	URETHANE	AND	AND	CLEANING
AND	SIGN	STRIPS	BARRIER	TEMPORARY	REMOVAL	PAVEMENT	DISPOSAL	PAINTING	AND
PROTECTION		(SPECIAL)		NON-REDIRECTIVE,	WATERBLASTING	MARKING	OF LEAD	STEEL	PAINTING
STANDARD				NARROW	LINE 6"	LINE 6"	PAINT	BRIDGE	WARRANTY
701402				TEST LEVEL 3			CLEANING	NO. 3	NUMBER 3
							RESIDUES		
							NO. 3		
EACH CAL DA EACH FOOT		EACH	SQFT	FOOT	L SUM	LSUM	LSUM		
1	14	4	600	1	245	980	1	1	1

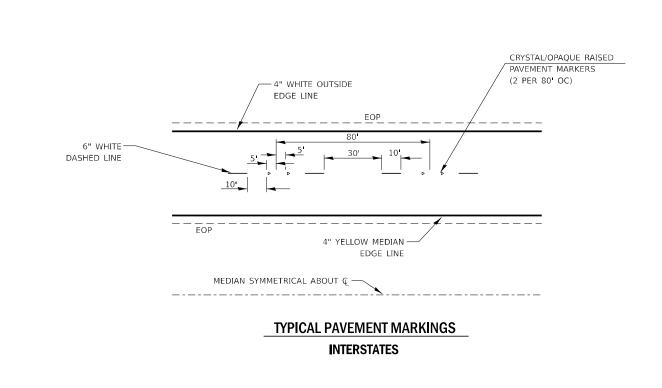
SCHEDULES FOR STRUCTURE NO. 032-0008 (SB)

	TRAFFIC C	ONTROL AND	PROTECTIO	PAVEMENT M	ARKING	CLEANIN	G AND PAI	NTING	
TRAFFIC	TRAFFIC CHANGEABLE TEMPORARY RELOCATE		IMPACT	PAVEMENT	MODIFIED	CONTAINMENT	CLEANING	BRIDGE	
CONTROL	MESSAGE	RUMBLE	TEMPORARY	ATTENUATORS,	MARKING	URETHANE	AND	AND	CLEANING
AND	SIGN	STRIPS	CONCRETE	RELOCATE	REMOVAL	PAVEMENT	DISPOSAL	PAINTING	AND
PROTECTION		(SPECIAL)	BARRIER	NON-REDIRECTIVE,	WATERBLASTING	MARKING	OF LEAD	STEEL	PAINTING
STANDARD				NARROW	LINE 6"	LINE 6"	PAINT	BRIDGE	WARRANTY
701402				TEST LEVEL 3	_		CLEANING	NO. 4	NUMBER 4
							RESIDUES		
							NO. 4		
EACH	CAL DA	EACH	FOOT	EACH	SQFT	FOOT	L SUM	LSUM	L SUM
1	14	4	600	1	245	980	1	1	1

USER NAME = ronald.woodshank	DESIGNED	-	RW	REVISED	-	
	DRAWN	-	RW	REVISED	-	
PLOT SCALE = 100.000 ' / in.	CHECKED	-	YP	REVISED	-	
PLOT DATE = 12/16/2022	DATE	-	9/23/2022	REVISED	-	







STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL PAVEMENT MARKING

 SCALE: _____
 SHEET 1 OF 1 SHEETS STA. _____

TO STA.