

TRAFFIC DESIGN

PROJECT ENGINEER: JAMI SHORT
SQUAD SUPERVISOR: STEVEN WILLIAMS

BRIDGE DESIGN

ENGINEERING MANAGER: MOHAMED ELYAZGI, PE
ENGINEER: MIKE CAO, PE
ENGINEER: KATIE BROWN, EI

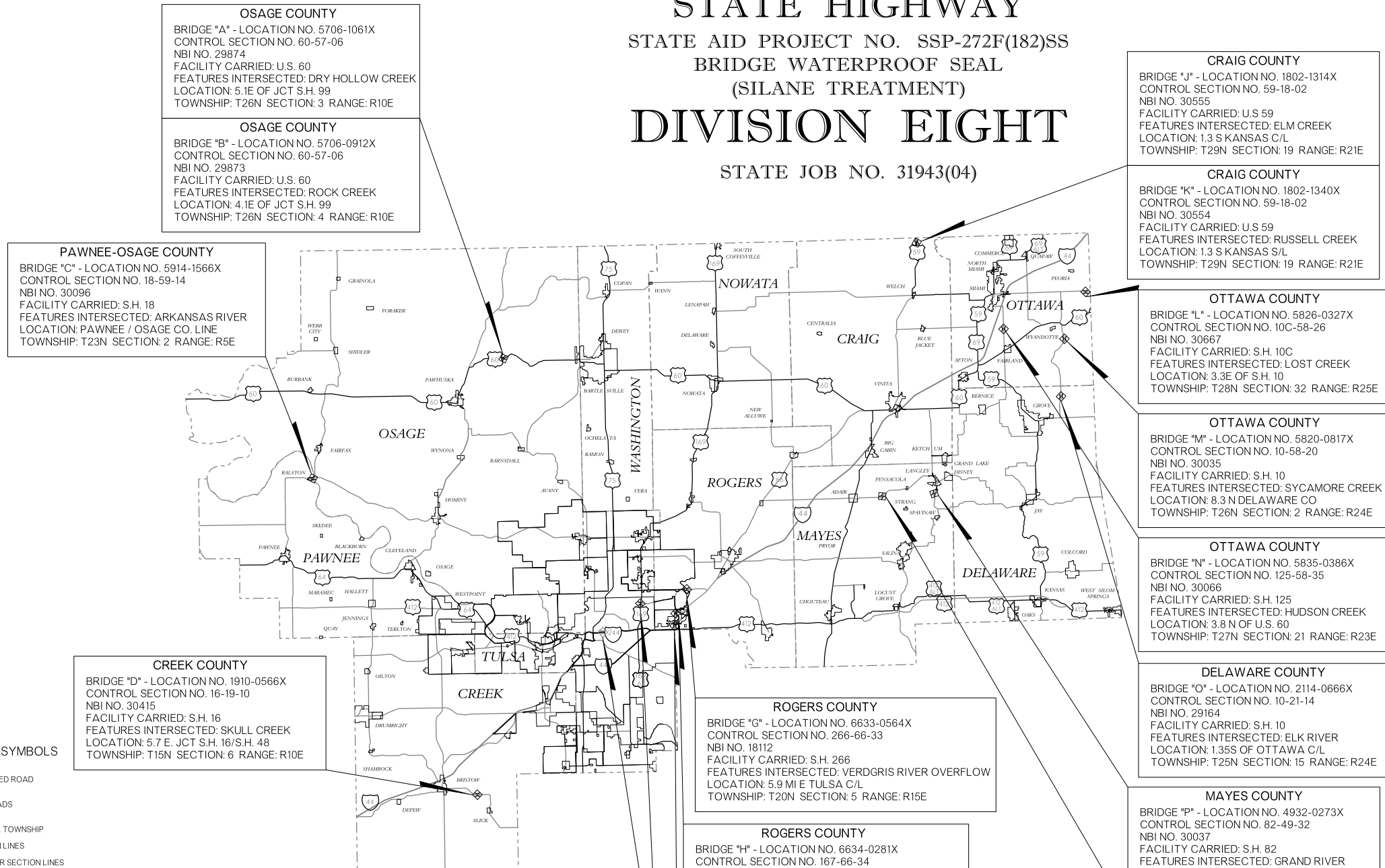
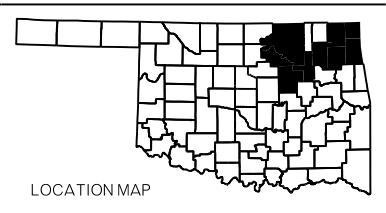
STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED
STATE HIGHWAY
STATE AID PROJECT NO. SSP-272F(182)SS
BRIDGE WATERPROOF SEAL
(SILANE TREATMENT)
DIVISION EIGHT

STATE JOB NO. 31943(04)

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OSAGE COUNTY
BRIDGE "A" - LOCATION NO. 5706-1061X
CONTROL SECTION NO. 60-57-06
NBI NO. 29874
FACILITY CARRIED: U.S. 60
FEATURES INTERSECTED: DRY HOLLOW CREEK
LOCATION: 5.1E OF JCT S.H. 99
TOWNSHIP: T26N SECTION: 3 RANGE: R10E

OSAGE COUNTY
BRIDGE "B" - LOCATION NO. 5706-0912X
CONTROL SECTION NO. 60-57-06
NBI NO. 29873
FACILITY CARRIED: U.S. 60
FEATURES INTERSECTED: ROCK CREEK
LOCATION: 4.1E OF JCT S.H. 99
TOWNSHIP: T26N SECTION: 4 RANGE: R10E

PAWNEE-OSAGE COUNTY
BRIDGE "C" - LOCATION NO. 5914-1566X
CONTROL SECTION NO. 18-59-14
NBI NO. 30096
FACILITY CARRIED: S.H. 18
FEATURES INTERSECTED: ARKANSAS RIVER
LOCATION: PAWNEE / OSAGE CO. LINE
TOWNSHIP: T23N SECTION: 2 RANGE: R5E

CRAIG COUNTY
BRIDGE "J" - LOCATION NO. 1802-1314X
CONTROL SECTION NO. 59-18-02
NBI NO. 30555
FACILITY CARRIED: U.S. 59
FEATURES INTERSECTED: ELM CREEK
LOCATION: 1.3 S KANSAS C/L
TOWNSHIP: T29N SECTION: 19 RANGE: R21E

CRAIG COUNTY
BRIDGE "K" - LOCATION NO. 1802-1340X
CONTROL SECTION NO. 59-18-02
NBI NO. 30554
FACILITY CARRIED: U.S. 59
FEATURES INTERSECTED: RUSSELL CREEK
LOCATION: 1.3 S KANSAS S/L
TOWNSHIP: T29N SECTION: 19 RANGE: R21E

OTTAWA COUNTY
BRIDGE "L" - LOCATION NO. 5826-0327X
CONTROL SECTION NO. 10C-58-26
NBI NO. 30667
FACILITY CARRIED: S.H. 10C
FEATURES INTERSECTED: LOST CREEK
LOCATION: 3.3E OF S.H. 10
TOWNSHIP: T28N SECTION: 32 RANGE: R25E

OTTAWA COUNTY
BRIDGE "M" - LOCATION NO. 5820-0817X
CONTROL SECTION NO. 10-58-20
NBI NO. 30035
FACILITY CARRIED: S.H. 10
FEATURES INTERSECTED: SYCAMORE CREEK
LOCATION: 8.3 N DELAWARE CO
TOWNSHIP: T26N SECTION: 2 RANGE: R24E

OTTAWA COUNTY
BRIDGE "N" - LOCATION NO. 5835-0386X
CONTROL SECTION NO. 125-58-35
NBI NO. 30066
FACILITY CARRIED: S.H. 125
FEATURES INTERSECTED: HUDSON CREEK
LOCATION: 3.8 N OF U.S. 60
TOWNSHIP: T27N SECTION: 21 RANGE: R23E

DELAWARE COUNTY
BRIDGE "O" - LOCATION NO. 2114-0666X
CONTROL SECTION NO. 10-21-14
NBI NO. 29164
FACILITY CARRIED: S.H. 10
FEATURES INTERSECTED: ELK RIVER
LOCATION: 1.35S OF OTTAWA C/L
TOWNSHIP: T25N SECTION: 15 RANGE: R24E

MAYES COUNTY
BRIDGE "P" - LOCATION NO. 4932-0273X
CONTROL SECTION NO. 82-49-32
NBI NO. 30037
FACILITY CARRIED: S.H. 82
FEATURES INTERSECTED: GRAND RIVER
LOCATION: 2 S OF S.H. 28
TOWNSHIP: T23N SECTION: 27 RANGE: R21E

MAYES COUNTY
BRIDGE "Q" - LOCATION NO. 4916-0435X
CONTROL SECTION NO. 28-49-16
NBI NO. 30036
FACILITY CARRIED: S.H. 28
FEATURES INTERSECTED: ROCK CREEK
LOCATION: 4.5 E OF U.S. 69
TOWNSHIP: T23N SECTION: 29 RANGE: R20E

ROGERS COUNTY
BRIDGE "G" - LOCATION NO. 6633-0564X
CONTROL SECTION NO. 266-66-33
NBI NO. 18112
FACILITY CARRIED: S.H. 266
FEATURES INTERSECTED: VERDGRIS RIVER OVERFLOW
LOCATION: 5.9 MI E TULSA C/L
TOWNSHIP: T20N SECTION: 5 RANGE: R15E

ROGERS COUNTY
BRIDGE "H" - LOCATION NO. 6634-0281X
CONTROL SECTION NO. 167-66-34
NBI NO. 18787
FACILITY CARRIED: S.H. 167
FEATURES INTERSECTED: BIRD CREEK
LOCATION: 2.7MI JCT I-44
TOWNSHIP: T20N SECTION: 19 RANGE: R15E

ROGERS COUNTY
BRIDGE "I" - LOCATION NO. 6634-0136X
CONTROL SECTION NO. 167-66-34
NBI NO. 18768
FACILITY CARRIED: S.H. 167
FEATURES INTERSECTED: BNSF R.R. & CO RD UNDER
LOCATION: 1.3 MI N JCT I-44
TOWNSHIP: T20N SECTION: 30 RANGE: R15E

TULSA COUNTY
BRIDGE "E" - LOCATION NO. 7209-0865X
CONTROL SECTION NO. 244-72-09
NBI NO. 16974
FACILITY CARRIED: I-244
FEATURES INTERSECTED: DELAWARE AVE. UNDER
LOCATION: 1.66 MI E JCT I-44
TOWNSHIP: T19N SECTION: 5 RANGE: R13E

TULSA COUNTY
BRIDGE "F" - LOCATION NO. 7281-0567X
CONTROL SECTION NO. 266-72-31
NBI NO. 30585
FACILITY CARRIED: S.H. 266
FEATURES INTERSECTED: U.S. 169 UNDER
LOCATION: 5.8 N JCT I 44
TOWNSHIP: T20N SECTION: 17 RANGE: R14E

CREEK COUNTY
BRIDGE "D" - LOCATION NO. 1910-0566X
CONTROL SECTION NO. 16-19-10
NBI NO. 30415
FACILITY CARRIED: S.H. 16
FEATURES INTERSECTED: SKULL CREEK
LOCATION: 5.7 E. JCT S.H. 16/S.H. 48
TOWNSHIP: T15N SECTION: 6 RANGE: R10E

CONVENTIONAL SYMBOLS

- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP
- SECTION LINES
- QUARTER SECTION LINES
- FENCES
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- BUILDINGS
- OILWELL
- DRAINAGE STRUCTURES - IN PLACE
- DRAINAGE STRUCTURES - NEW
- RIGHT-OF-WAY LINES - EXISTING
- RIGHT-OF-WAY LINES - NEW
- CONTROLLED ACCESS
- RIGHT-OF-WAY FENCE

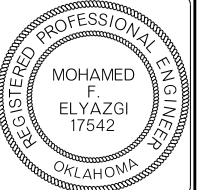
STANDARDS TO BE INCLUDED

TRAFFIC

TCS1-1-01	TCS9-1-01
TCS2-1-00	TCS10-1-00
TCS3-1-01	TCS11-1-01
TCS4-1-01	TCS14-1-00
TCS5-1-00	TCS18-1-01
TCS6-1-02	TCS19-1-01
TCS7-1-02	TCS20-1-00
TCS8-1-00	



PREPARED BY:
OKLAHOMA DEPARTMENT OF TRANSPORTATION
BRIDGE DESIGN DIVISION
MOHAMED F. ELYAZGI, P.E.
OKLA. REG. NO. 17542



OKLAHOMA
DEPARTMENT OF TRANSPORTATION
DATE APPROVED _____
BY _____
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED _____
BY _____
DIVISION ADMINISTRATOR

JOB PIECE NO. 31943(04) SHEET NO. 0001

2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010.

P.E. NO. : 31943(01)

GENERAL NOTES

REVISIONS		
REV. NO.	DESCRIPTION	DATE
1	Rev. Note	8/9/2016

SPECIFICATIONS:

Comply with the requirements of the 2009 Oklahoma Standard Specifications for Highway Construction, except as modified by the Plans and Special Provisions.

VERIFICATION OF EXISTING CONDITIONS:

Bidders shall fully inform themselves of the nature of the work and conditions under which it will be performed. The Contractor shall adopt methods consistent with good construction practice and shall take all necessary precautions to prevent damage to the existing bridges or attachments. Any damage to the existing bridge structure or roadway due to the Contractor's negligence shall be repaired at the Contractor's expense, to the satisfaction of the Engineer.

EXISTING BRIDGE PLANS:

Construction plans for the existing bridge structures may be obtained from the Printing Services Branch of the Oklahoma Department of Transportation. Ask for:

OSAGE COUNTY:

Bridge "A" Project No. NHPPY-257N(020)SS
Job Piece No. 24287(04)

OSAGE COUNTY

Bridge "B" Project No. NHPPY-257N(020)SS
Job Piece No. 24287(04)

PAWNEE-OSAGE COUNTY:

Bridge "C" Project No. STPY-159B(036)
Job Piece No. 20895(04)

CREEK COUNTY:

Bridge "D" PROJECT NO. STPY-119C(119)SS
Job Piece No. 21908(04)

TULSA COUNTY:

Bridge "E" Project No. NHPPI-0244-2(502)SS
Job Piece No. 27145(04)

TULSA COUNTY:

Bridge "F" Project No. NHPPY-172N(319)
Job Piece No. 23167(04)

ROGERS COUNTY:

Bridge "G" Project No. STPY-166C(208)
Job Piece No. 24957(04)

ROGERS COUNTY:

Bridge "H" Project No. SBR-266N(027)SB
Job Piece No. 29777(04)

ROGERS COUNTY:

Bridge "I" Project No. SBR-266N(026)SB
Job Piece No. 29774(04)

CRAIG COUNTY:

Bridge "J" Project No. STPY-118B(067)SS
Job Piece No. 23126(04)

CRAIG COUNTY:

Bridge "K" Project No. STPY-118B(067)SS
Job Piece No. 23126(04)

OTTAWA COUNTY:

Bridge "L" Project No. SSP-158C(131)SS
Job Piece No. 24277(04)

OTTAWA COUNTY:

Bridge "M" Project No. STPY-158C(077)
Job Piece No. 21918(04)

OTTAWA COUNTY:

Bridge "N" Project No. SPP-158C(128)SS
Job Piece No. 24276(04)

DELAWARE COUNTY:

Bridge "O" Project No. BRFY-021C(256)
Job Piece No. 10441(04)

MAYES COUNTY:

Bridge "P" Project No. STP-149C(082)SS
Job Piece No. 21911(04)

MAYES COUNTY:

Bridge "Q" Project No. STPY-149C(076)
Job Piece No. 21909(04)

PENETRATING WATER REPELLENT SURFACE TREATMENT:

A performance tested penetrating water repellent surface treatment shall be applied to the driving surface of the Bridge Decks and Approach Slabs in accordance with the Standard Specifications for Highway Construction.

The bridges have a detail sheet showing the extent of the surfaces to be treated. The Contractor shall only treat the surfaces shown in the plans.

LANE CLOSURE:

The Engineer reserves the right to prohibit lane closures during holidays or special events. All work requiring the closing or narrowing of one lane of traffic on the bridges shall be performed during daylight hours only unless approved by the engineer except for Bridges E, F, G, H, and I work may need to be done at night to avoid work being done in Tulsa. Traffic on bridges shall be returned to normal during night time hours except for Bridges E, F, G H, and I unless directed by the Engineer. The Contractor shall make every effort to reopen these lane closures as soon as possible.

BRIDGE "A" - "Q"		TULSA COUNTY		Design	N/A	N/A	
GENERAL NOTES (BRIDGE)		Detail	DJG	4/16			
		Check	KMS	4/16			
		Squad: MAYFIELD		Eng: ELYAZGI			
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION					
JOB PIECE NO. 31943(04)		SHEET NO. AB01					

NBI: 29874

PAY QUANTITIES

0200 BRIDGE "A" US 60 OVER DRY HOLLOW CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	3,110.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	250.000
523(B) 6560	SEALER RESIN	GAL.	1.700

NBI: 18112

PAY QUANTITIES

0206 BRIDGE "G" SH 266 OVER VERIGRIS RIVER OVERFLOW

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,619.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	115.000
523(B) 6560	SEALER RESIN	GAL.	0.800

NBI: 30035

PAY QUANTITIES

0212 BRIDGE "M" SH 10 OVER SYCAMORE CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,731.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	125.000
523(B) 6560	SEALER RESIN	GAL.	0.800

NBI: 29873

PAY QUANTITIES

0201 BRIDGE "B" US 60 OVER ROCK CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,819.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	130.000
523(B) 6560	SEALER RESIN	GAL.	0.900

NBI: 18787

PAY QUANTITIES

0207 BRIDGE "H" SH 167 OVER BIRD CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	2,922.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	235.000
523(B) 6560	SEALER RESIN	GAL.	1.500

NBI: 30066

PAY QUANTITIES

0213 BRIDGE "N" SH 125 OVER HUDSON CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,012.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	75.000
523(B) 6560	SEALER RESIN	GAL.	0.500

NBI: 30096

PAY QUANTITIES

0202 BRIDGE "C" SH 18 OVER ARKANSAS RIVER

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	6,794.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	750.000
523(B) 6560	SEALER RESIN	GAL.	5.000

NBI: 18768

PAY QUANTITIES

0208 BRIDGE "I" SH 167 OVER BNSF R.R. AND COUNTRY ROAD

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,530.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	110.000
523(B) 6560	SEALER RESIN	GAL.	0.700

NBI: 29164

PAY QUANTITIES

0214 BRIDGE "O" SH 10 OVER ELK RIVER

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	5,344.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	480.000
523(B) 6560	SEALER RESIN	GAL.	3.200

NBI: 30415

PAY QUANTITIES

0203 BRIDGE "D" SH 16 OVER SKULL CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	772.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	55.000
523(B) 6560	SEALER RESIN	GAL.	0.400

NBI: 30555

PAY QUANTITIES

0209 BRIDGE "J" US 59 OVER ELM CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	673.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	50.000
523(B) 6560	SEALER RESIN	GAL.	0.400

NBI: 30037

PAY QUANTITIES

0215 BRIDGE "P" SH 82 OVER GRAND RIVER

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	3,902.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	350.000
523(B) 6560	SEALER RESIN	GAL.	2.400

NBI: 16974

PAY QUANTITIES

0204 BRIDGE "E" I 244 OVER DELAWARE AVE.

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	2,909.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	205.000
523(B) 6560	SEALER RESIN	GAL.	1.400

NBI: 30554

PAY QUANTITIES

0210 BRIDGE "K" US 59 OVER RUSSELL CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,058.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	75.000
523(B) 6560	SEALER RESIN	GAL.	0.500

NBI: 30036

PAY QUANTITIES

0216 BRIDGE "Q" SH 20 OVER ROCK CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,584.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	110.000
523(B) 6560	SEALER RESIN	GAL.	0.700

NBI: 30585

PAY QUANTITIES

0205 BRIDGE "F" SH 266 OVER US 169

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	2,581.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	180.000
523(B) 6560	SEALER RESIN	GAL.	1.200

NBI: 30667

PAY QUANTITIES

0211 BRIDGE "L" SH 10C OVER LOST CREEK

ITEM	DESCRIPTION	UNIT	QUANTITY
515(B) 6014	WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	863.000
523(A) 6550	SEALER CRACK PREPARATION	L.F.	60.000
523(B) 6560	SEALER RESIN	GAL.	0.400

0640 CONSTRUCTION

ITEM	DESCRIPTION	UNIT	QUANTITY
641 1399	MOBILIZATION	LSUM.	1.000

BRIDGE "A" - "Q"		TULSA COUNTY		Design	N/A	N/A
SUMMARY OF PAY QUANTITIES (BRIDGE)				Detail	DJG	4/16
				Check	KMS	5/16
				Squad	MAYFIELD	
				Engr.	ELYAZGI	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		JOB/PIECE NO. 31943(04)		SHEET NO. AB02

REVISIONS		
REV. NO.	DESCRIPTION	DATE

TRAFFIC GENERAL CONSTRUCTION NOTES

EXISTING ROADWAY SHALL REMAIN OPEN DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, AND SIGNING WITHIN THE LIMITS OF CONSTRUCTION. ALL CONSTRUCTION SIGNING WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS. CONSTRUCTION TRAFFIC CONTROL WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS.

REMOVED MATERIAL TO BECOME PROPERTY OF CONTRACTOR AND IT SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE RESIDENT ENGINEER.

THE CONTRACTOR SHALL PROVIDE A PERSON TO BE ON 24 HOUR CALL AS NEEDED AS DETERMINED BY THE ENGINEER. THIS PERSON SHALL HOLD A CURRENT CERTIFICATION FROM THE AMERICAN TRAFFIC SAFETY SERVICE ASSOCIATION (ATSSA) OR THE OKLAHOMA TRAFFIC ENGINEERING ASSOCIATION (OETA) AS A TRAFFIC CONTROL TECHNICIAN OR TRAFFIC CONTROL SUPERVISOR.

ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL MEET ODOT'S "QUALITY STANDARDS FOR TEMPORARY TRAFFIC CONTROL DEVICES." CHANNELIZING DEVICES SHALL HAVE A MINIMUM HEIGHT OF 36 INCHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE TEMPORARY TRAFFIC CONTROL DEVICES, AND SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY DEVICE DURING CONSTRUCTION.

TRAFFIC PAY QUANTITY NOTES

- (TC-26) ALL CONSTRUCTION TRAFFIC CONTROL WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS, AND INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES REQUIRED FOR COMPLETION OF THE PROJECT. ALL SIGNS AND BARRICADES WHICH ARE SHOWN WITH TYPE 'A' LIGHTS IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.
- (TC-30) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 16.0 S.F. AND 32.99 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.
- (TC-33) ALL CONSTRUCTION WORK ZONE SIGNS SHALL HAVE FLUORESCENT SHEETING. THE FLUORESCENT SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956 (LATEST REVISION) THE MANUFACTURER SHALL FURNISH A TYPE 'D' CERTIFICATION IN ACCORDANCE WITH O.D.O.T. STANDARD SPECIFICATIONS (CURRENT EDITION) SUBSECTION 106.04. THE CERTIFICATION SHALL INCLUDE TEST RESULTS ON MATERIAL SUBMITTED FOR APPROVAL.
- (TC-52) ANY USED TRUCK MOUNTED ATTENUATOR OR CHANGEABLE MESSAGE SIGN TO BE PLACED ON THIS PROJECT SHALL BE SUBJECT TO INSPECTION AND APPROVAL, BY THE OKLAHOMA DEPARTMENT OF TRANSPORTATION, TO ASSURE THAT THEY ARE IN GOOD WORKING CONDITION, PRIOR TO PLACEMENT ON THE PROJECT.
- (TC-70) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.
- (TC-76) ANY TRUCK MOUNTED ATTENUATOR USED ON THIS PROJECT SHALL HAVE PASSED ALL MANDATORY AND OPTIONAL TESTS LISTED IN NCHRP 350, TL-3 CRITERIA. THIS ITEM IS TO BE USED WHERE SHOWN IN THE STANDARD DRAWINGS OR AT THE DISCRETION OF THE ENGINEER ON SHADOW VEHICLES PROTECTING THE WORK AREAS AND TEMPORARY ROADSIDE HAZARDS.
- (TC-77) TRUCK MOUNTED ATTENUATORS ARE TO BE INSTALLED ON NON-STATE OWNED TRUCKS HAVING A MINIMUM GROSS WEIGHT RATING OF 15,000 POUNDS. EACH OF THESE TRUCKS SHALL ALSO BE EQUIPPED WITH AN ARROW DISPLAY (TYPE B).
- (TC-84) 120 CONSTRUCTION CALENDAR DAYS WERE USED TO COMPUTE THE SIGN DAY PAY ITEMS. THE AMOUNT OF CALENDAR DAYS USED TO COMPUTE THE SIGN DAY PAY ITEMS IS AN ESTIMATED QUANTITY ONLY, BASED ON THE CURRENT O.D.O.T. STANDARDS AND SUGGESTED CONSTRUCTION SEQUENCE FOR THIS PROJECT. THESE ESTIMATED SIGN DAY QUANTITIES MAY CHANGE AS THE PROJECT'S CONSTRUCTION TRAFFIC CONTROL IS MODIFIED DURING CONSTRUCTION.
- (TC-85) THESE SIGNS MUST BE ON THE OKLAHOMA DEPARTMENT OF TRANSPORTATION LIST OF APPROVED CHANGEABLE MESSAGE SIGNS. FOR A LIST OF THE APPROVED SIGNS GO TO THE OKLAHOMA DEPARTMENT OF TRANSPORTATION WEBSITE AT: <http://www.okladot.state.ok.us/traffic/qpl/index.php>

SPECIAL NOTES

- (SP-1) PORTABLE CHANGEABLE MESSAGE SIGNS TO BE PLACED WHERE DEEMED NECESSARY BY THE ENGINEER.
- (SP-2) PORTABLE CHANGEABLE MESSAGE SIGN(S) SHALL BE PLACED 14 DAYS PRIOR TO CONSTRUCTION.
- (SP-3) TYPE "C" WARNING LIGHTS ARE NOT REQUIRED.

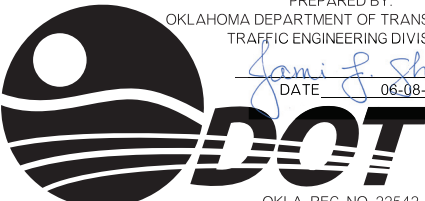

PAY QUANTITY SCHEDULE

0300 TRAFFIC CONTROL

PAY ITEM	CODE NO.	DESCRIPTION	UNIT	QUANTITY
876(A)	8482	(PL) TRUCK MOUNTED ATTENUATOR (TC-52,70,76,77)	SD	120.00
880(A)	8812	ARROW DISPLAY(TYPE C) (TC-26,84)	SD	120.00
880(B)	8818	CONSTRUCTION SIGNS 0 TO 6.25 SF (TC-26,33,84)	SD	1800.00
880(B)	8821	CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF (TC-26,33,84)	SD	600.00
880(B)	8824	CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF (TC-26,30,33,84)	SD	1440.00
880(C)	8848	WING BARRICADES (TC-26,84)	SD	480.00
880(E)	8860	WARNING LIGHTS(TYPE A) (TC-26,84)	SD	1200.00
880(F)	8878	DRUMS (SP-3)(TC-26,84)	SD	3120.00
880(G)	8890	CHANNELIZER CONES (TC-26,84)	SD	5400.00
880(I)	8902	FLAGGER (TC-70)	SD	60.00
882(A)	8306	PORT. CHANGEABLE MESSAGE SIGN (SP-1,2)(TC-52,70,85)	SD	222.00

PREPARED BY:
OKLAHOMA DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING DIVISION

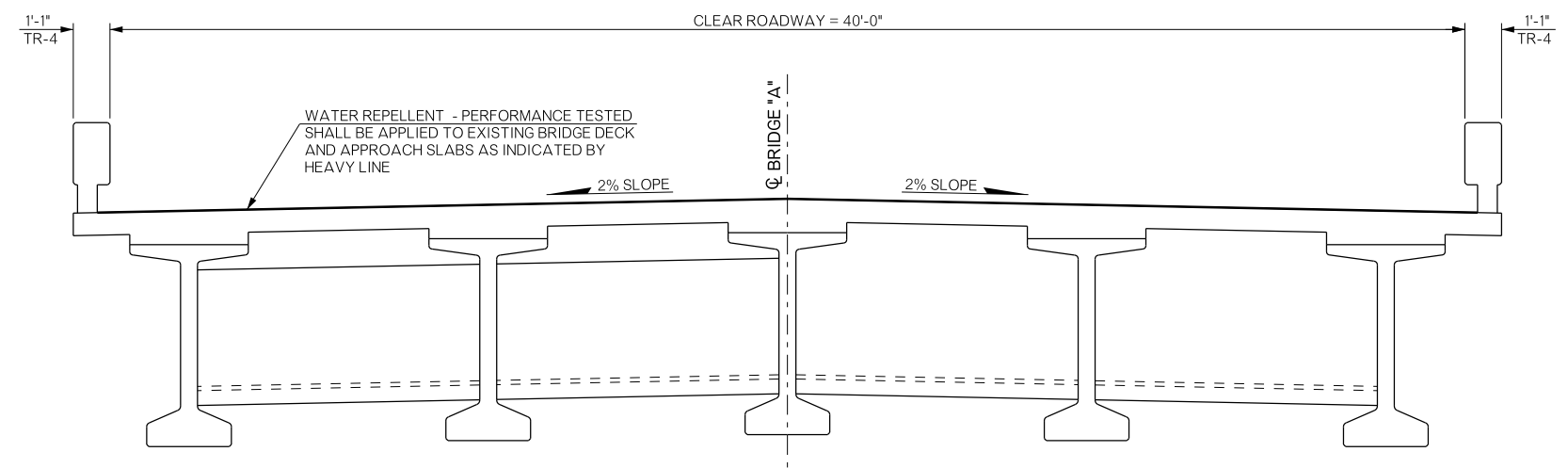
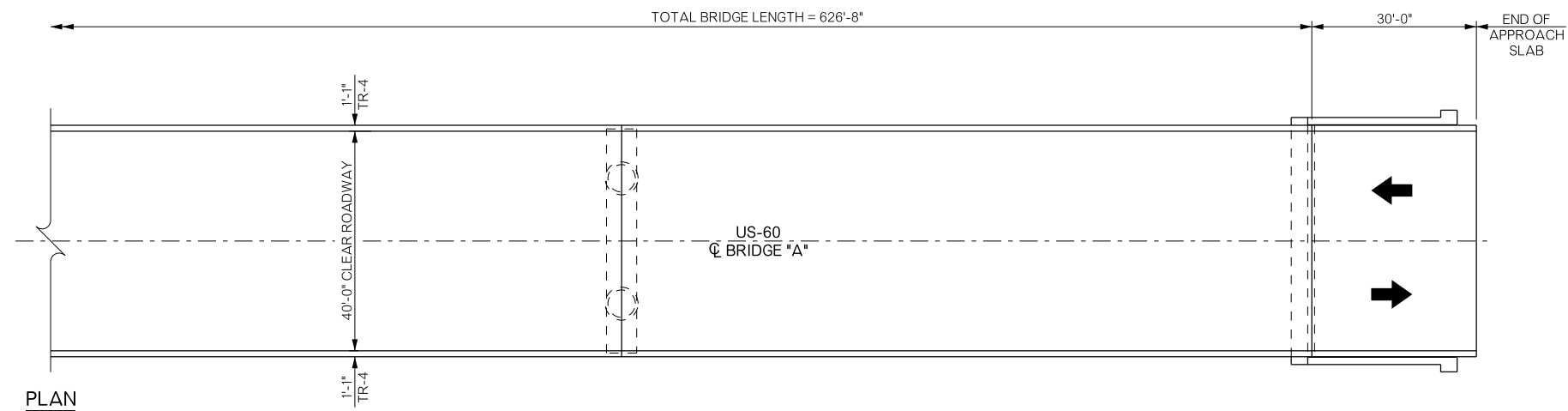
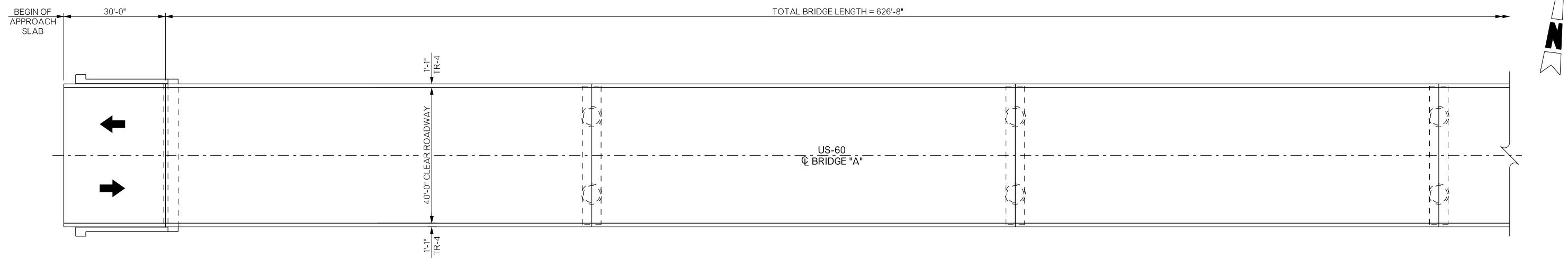
Jami L. Short
DATE: 06-08-16

OKLA. REG. NO. 22542

SUMMARY OF PAY QUANTITIES & NOTES (TRAFFIC)	Drawn	SC	5/16
	Design	SC	5/16
	Checked	SEB	5/16
TRAFFIC ENGINEERING JAMI SHORT			

REVISIONS		
REV. NO.	DESCRIPTION	DATE



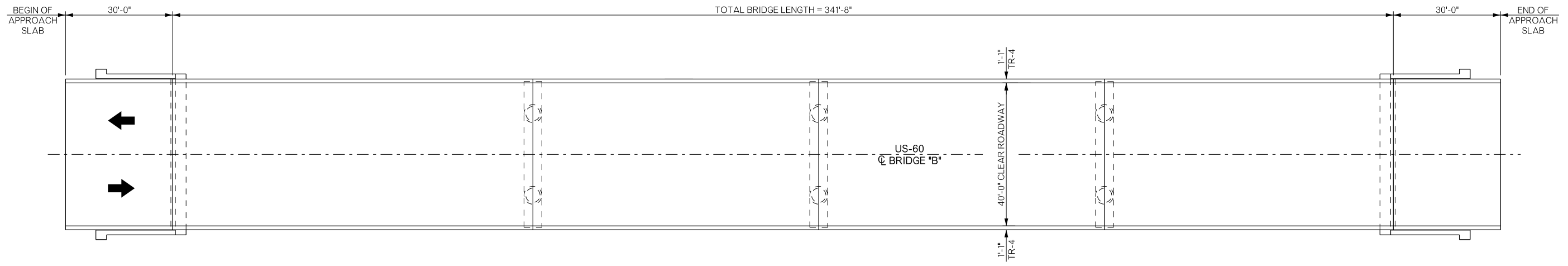
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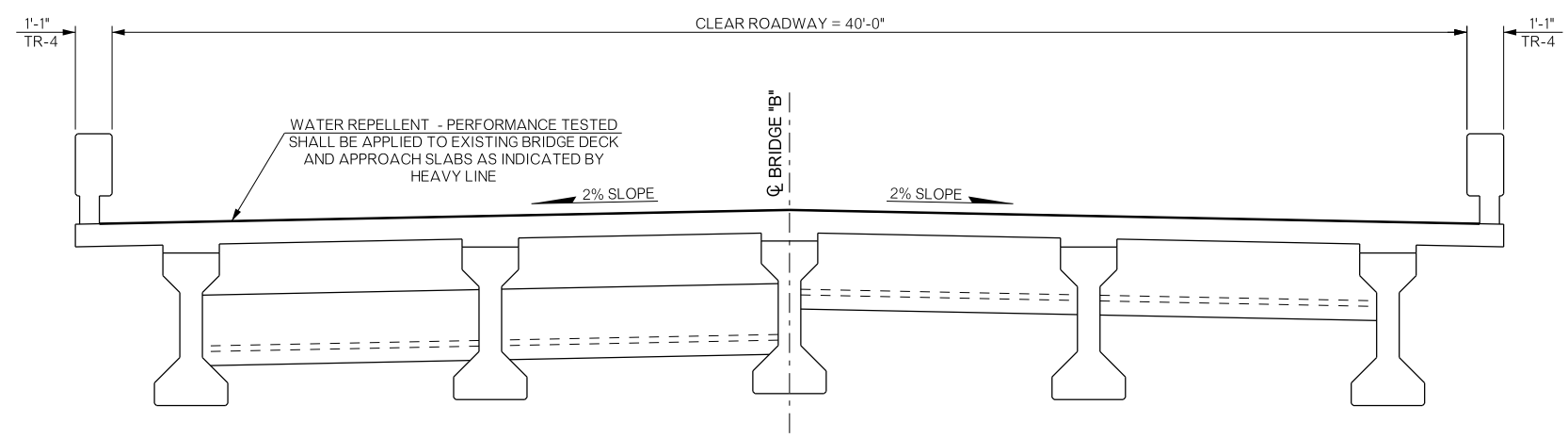
TYPICAL CROSS SECTION

31943(04)		QUANTITIES		
BRIDGE 'A' - NBI 29874		US-60 OVER DRY HOLLOW CREEK		
DESCRIPTION		UNIT	QUANTITY	
WATER REPELLENT (PERFORMANCE TESTED)		S.Y.	3,110.00	
BRIDGE "A" US 60 OVER DRY HOLLOW CREEK		OSAGE COUNTY	Design	N/A
		Detail	KMS	4/16
		Check	KMS	5/16
		Squad	MAYFIELD	
		Engr:	ELYAZGI	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		
JOB/PIECE NO.	31943(04)	SHEET NO.	B001	

REVISIONS		
REV. NO.	DESCRIPTION	DATE



PLAN



HALF SECTION AT INTERMEDIATE DIAPHRAGM

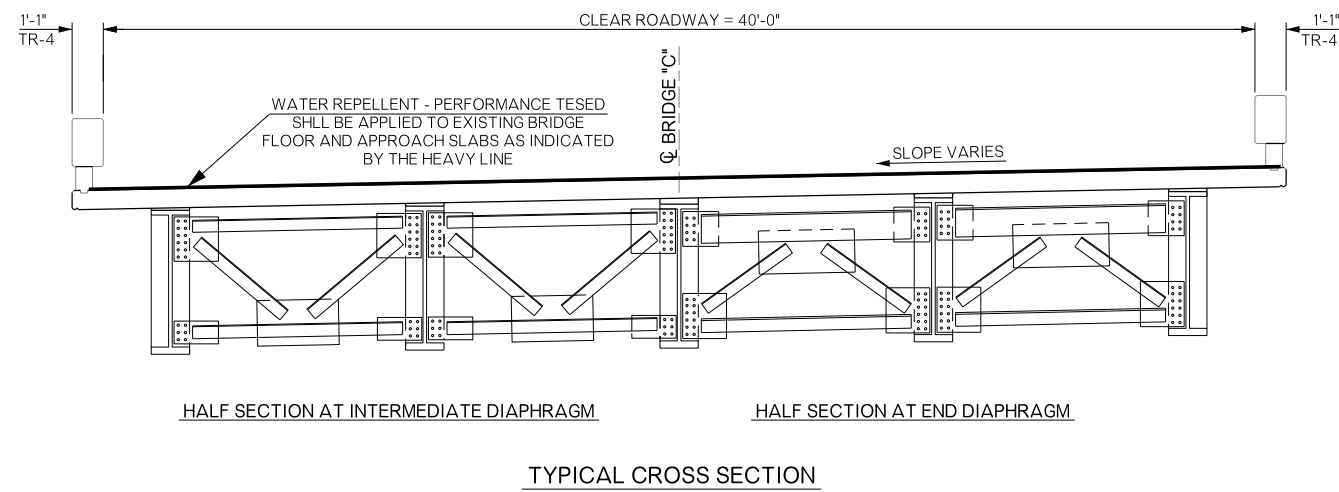
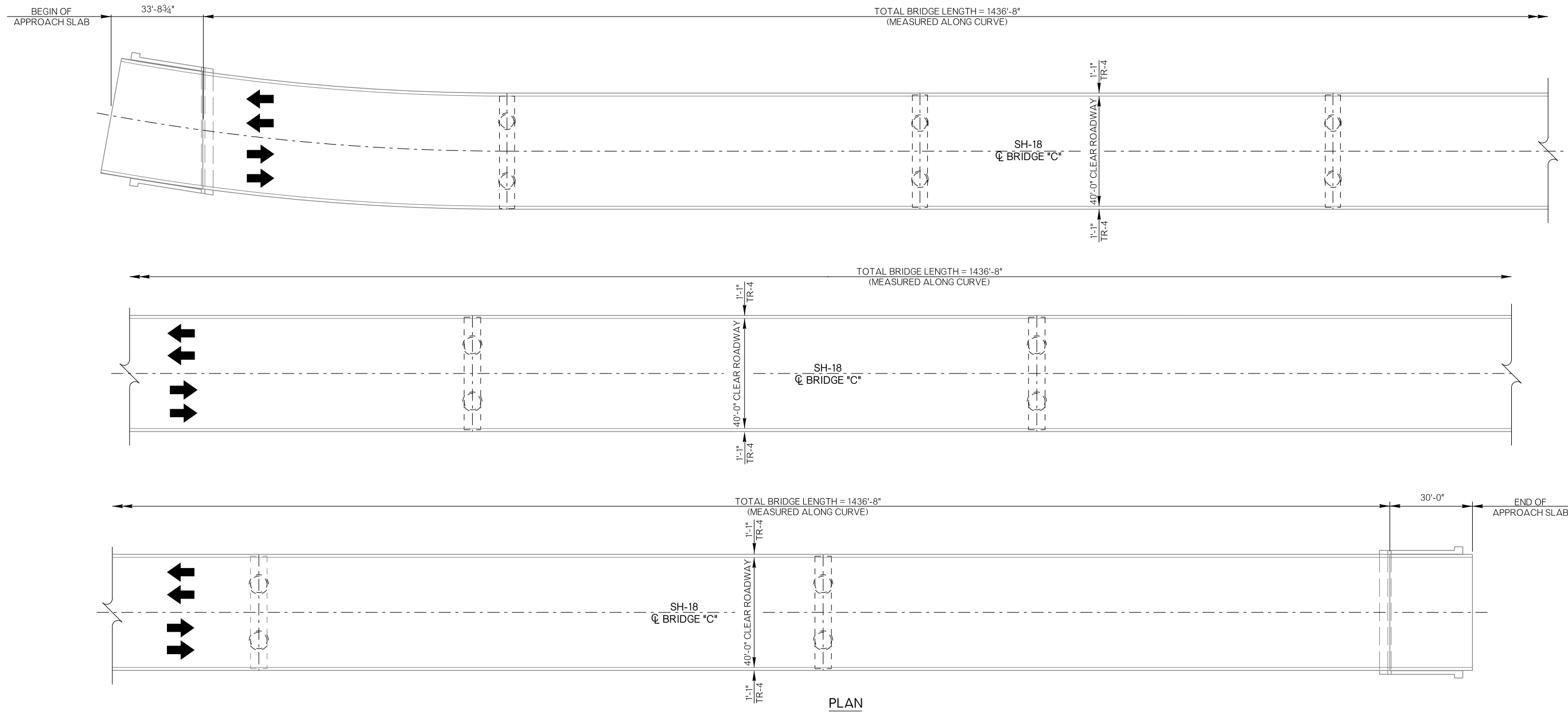
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TYPICAL CROSS SECTION

QUANTITIES			
DESCRIPTION	UNIT	QUANTITY	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,819.00	

BRIDGE "B" US 60 OVER ROCK CREEK	OSAGE COUNTY	Design	N/A	N/A
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "B")		Detail	KMS	4/16
		Check	KMS	5/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

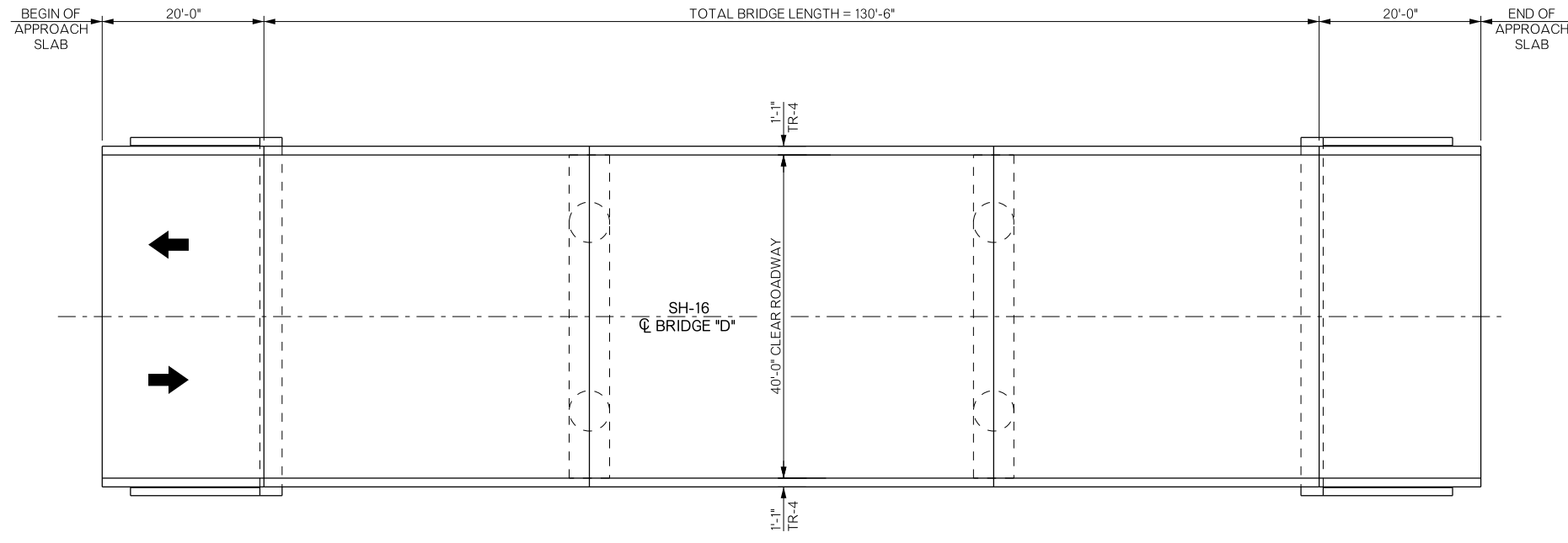
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REV. NO.	DESCRIPTION	DATE



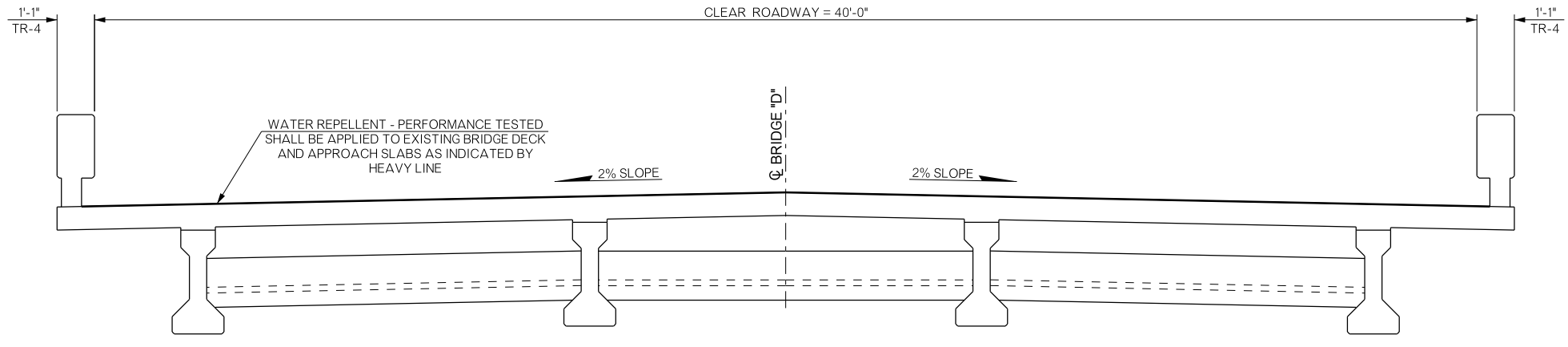
31943(04) QUANTITIES			
BRIDGE 'C' - NBI 30096		SH-18 OVER ARKANSAS RIVER	
DESCRIPTION	UNIT	QUANTITY	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	6,794.00	

BRIDGE 'C' SH 18 OVER ARKANSAS RIVER		PAWNEE-OSAGE COUNTY		
Design	N/A	N/A	N/A	N/A
Detail	DJG	4/16		
Check	KMS	6/16		
Squad: MAYFIELD				
Eng: ELYAZGI				

REVISIONS		
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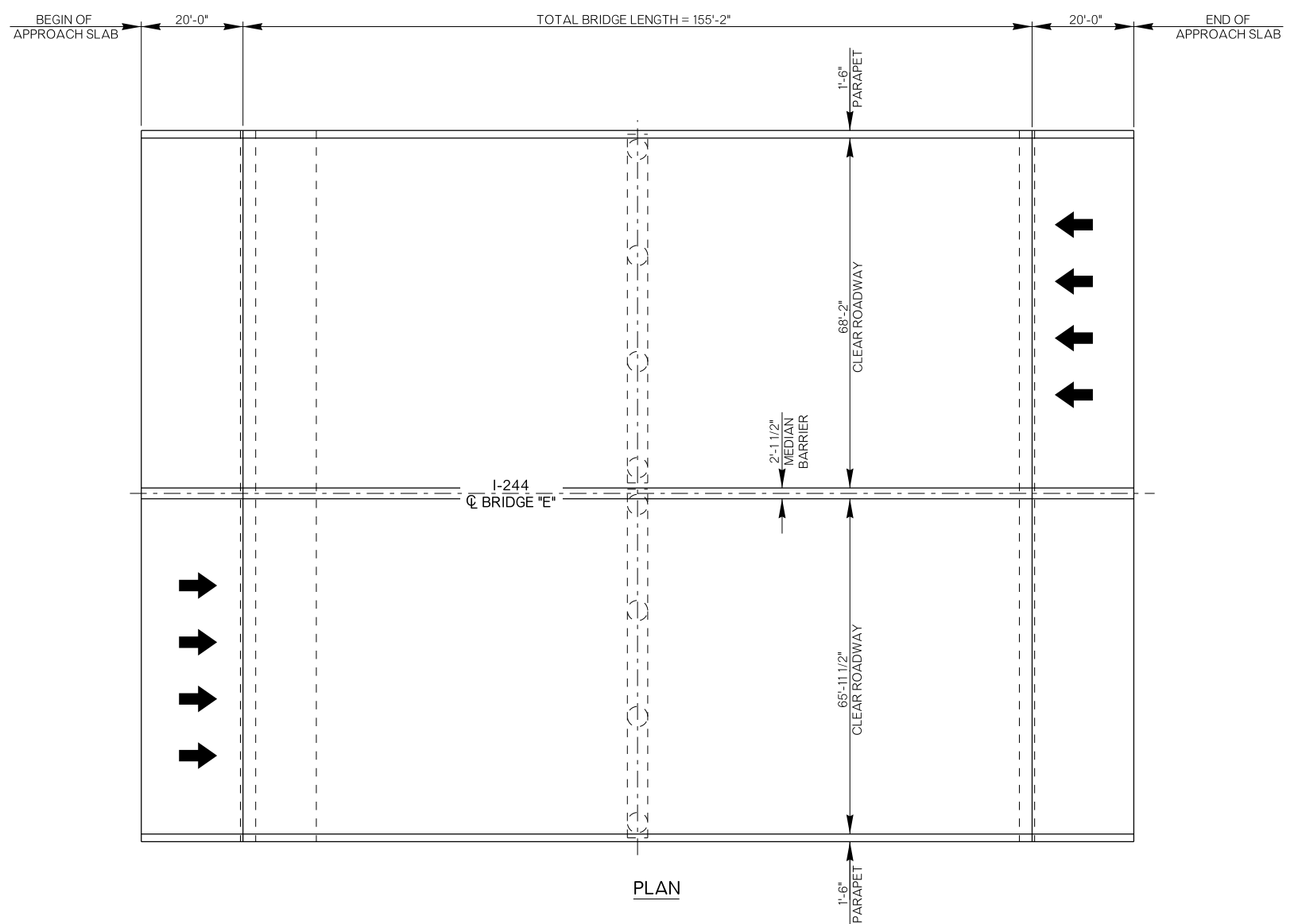
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TYPICAL CROSS SECTION

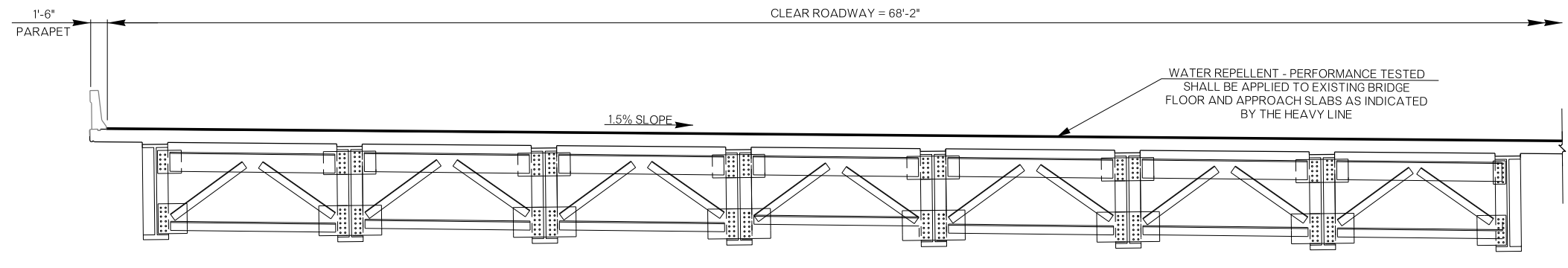
31943(04) QUANTITIES			
BRIDGE "D" - NBI 30415		SH-16 OVER SKULL CREEK	
DESCRIPTION	UNIT	QUANTITY	
WATER REPELLENT (PERFORMANCED TESTED)	S.Y.	772.00	

BRIDGE "D" SH 16 OVER SKULL CREEK	CREEK COUNTY	Design	N/A	N/A
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "D")	Squad: MAYFIELD Engr: ELYAZGI	Detail	KMS	4/16
		Check	KMS	6/16

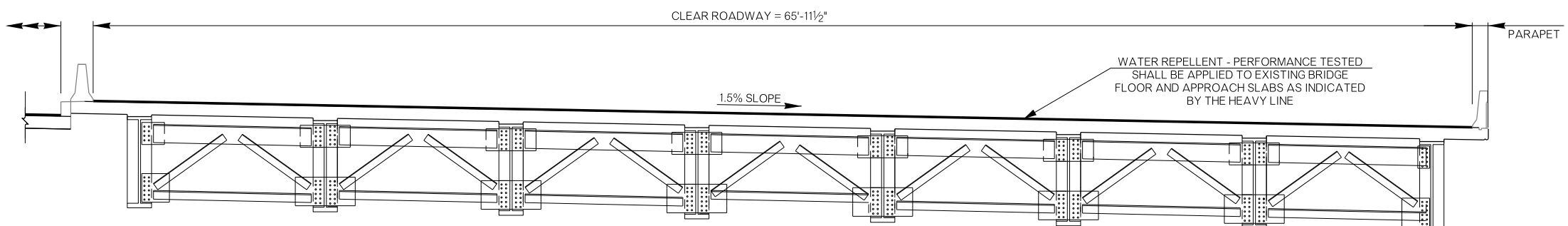
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REV. NO.	DESCRIPTION	DATE



PLAN



1'-6"

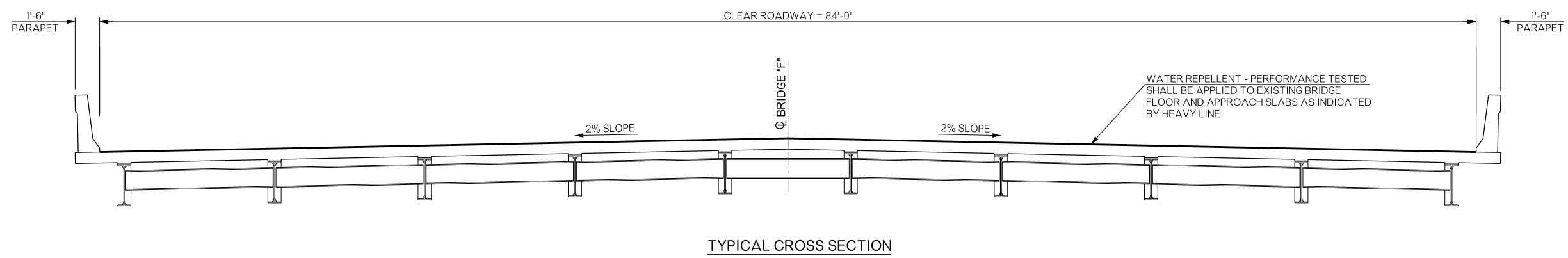
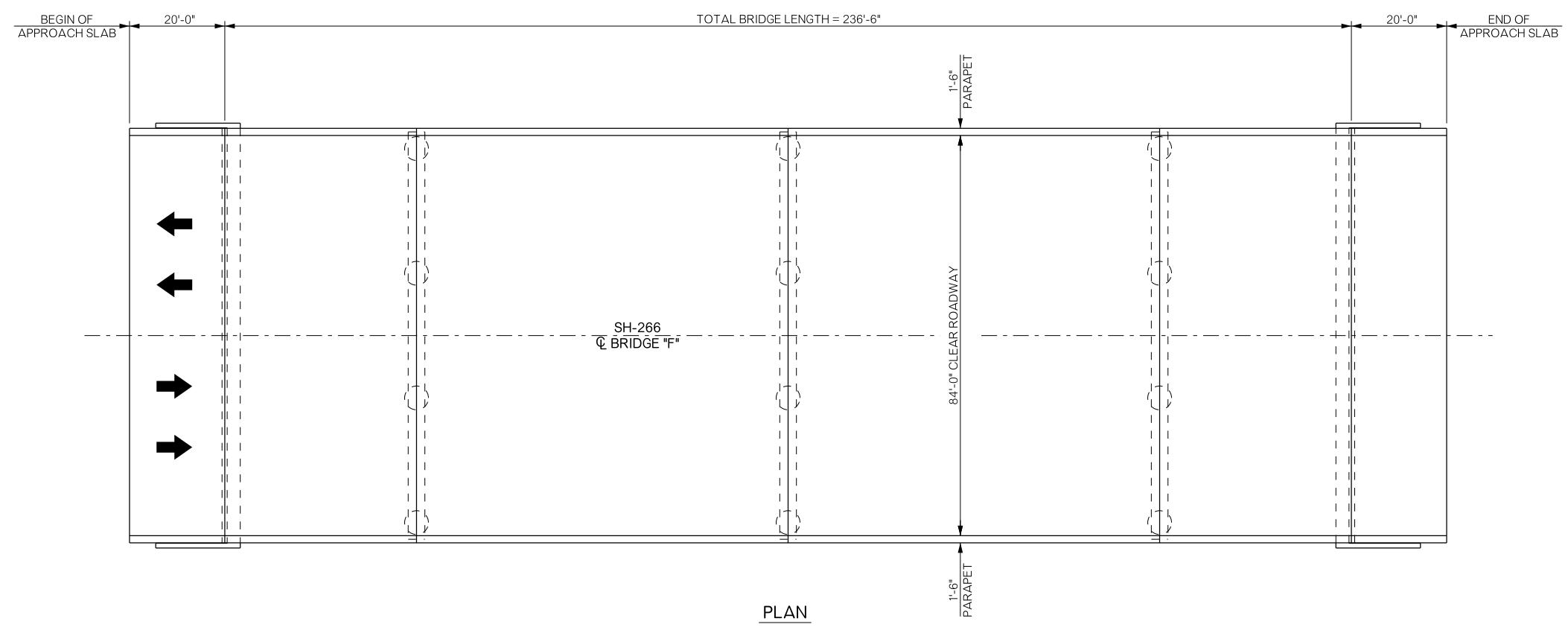


TYPICAL CROSS SECTION

QUANTITIES			
DESCRIPTION	UNIT	QUANTITY	
31943(04) BRIDGE 'E' - NBI 16974 I-244 OVER DELAWARE AVENUE			
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	2,909.00	

BRIDGE "E" I-244 OVER DELAWARE AVE.	TULSA COUNTY	Design	N/A	N/A
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "E")		Detail	DJG	4/16
		Check	KMS	6/16
		Squad	MAYFIELD	
Engr:	ELYAZGI			

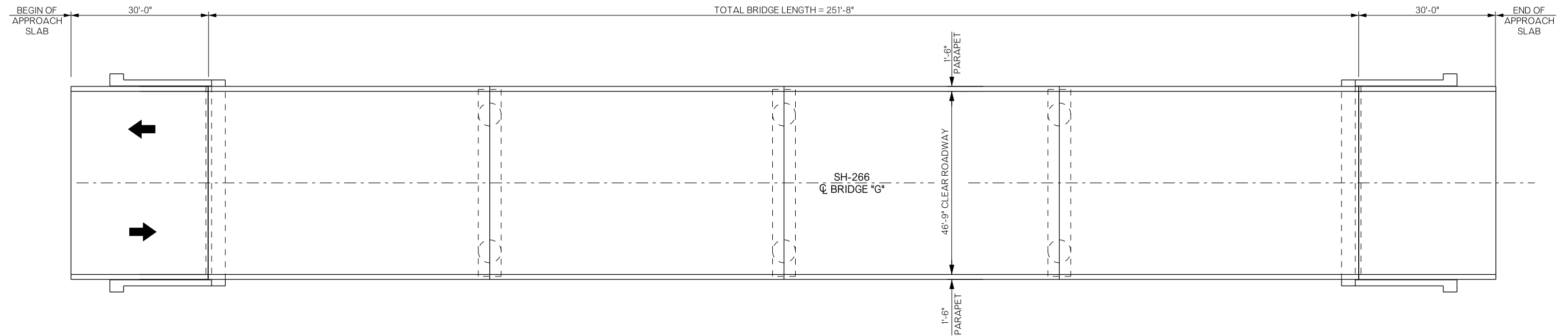
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REV. NO.	DESCRIPTION	DATE



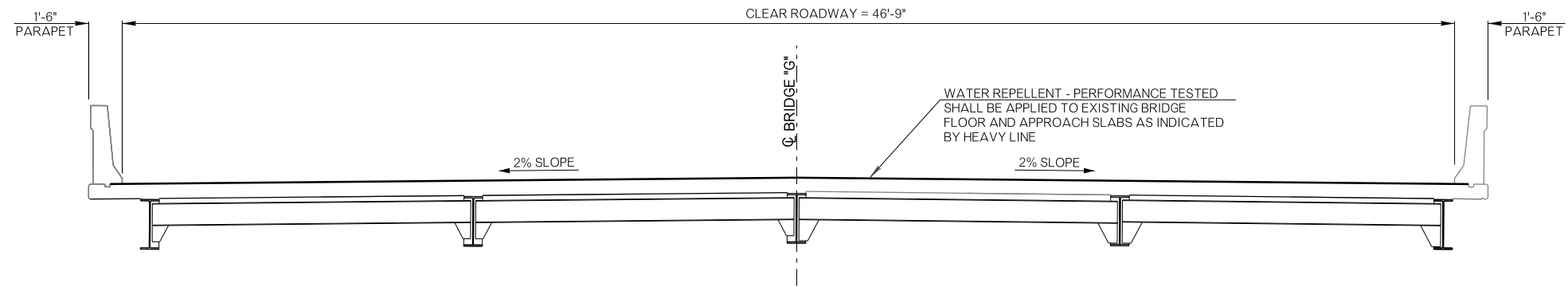
QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
BRIDGE "F" - NBI 30585		SH-266 OVER US-169
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	2,581.00

BRIDGE "F" SH 266 OVER US 169	TULSA COUNTY	Design	N/A	N/A
		Detail	ADG	4/16
		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

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HALF SECTION AT INTERMEDIATE DIAPHRAGM

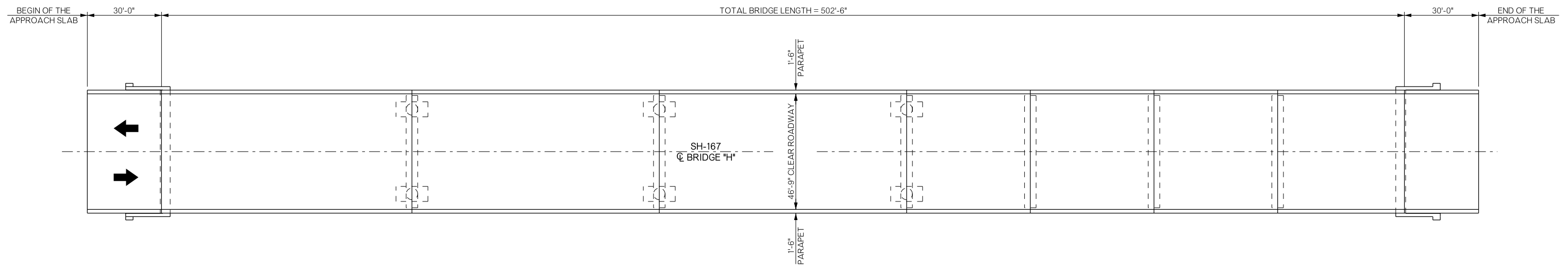
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TYPICAL CROSS SECTION

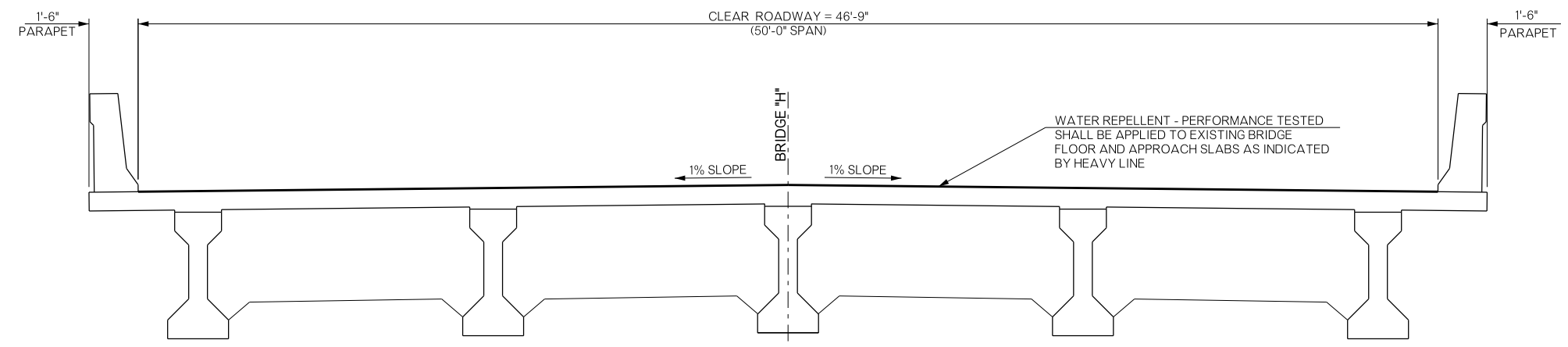
31943(04) QUANTITIES			
BRIDGE 'G' - NBI 18112		SH-266 OVER VERDIGRIS RIVER O'FLOW	
DESCRIPTION	UNIT	QUANTITY	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,619.00	

BRIDGE "G" SH 266 OVER VERIGRIS RIVER O'FLOW	ROGERS COUNTY	Design	N/A	N/A
		Detail	DJG	4/16
		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr	ELYAZGI	

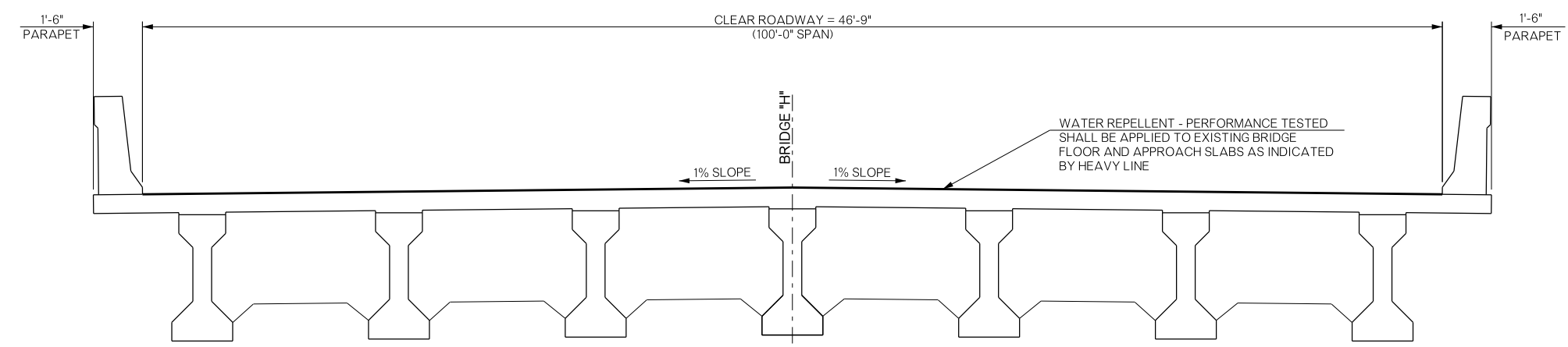
REVISIONS		
REV. NO.	DESCRIPTION	DATE



PLAN



TYPICAL CROSS SECTION - 50' SPAN

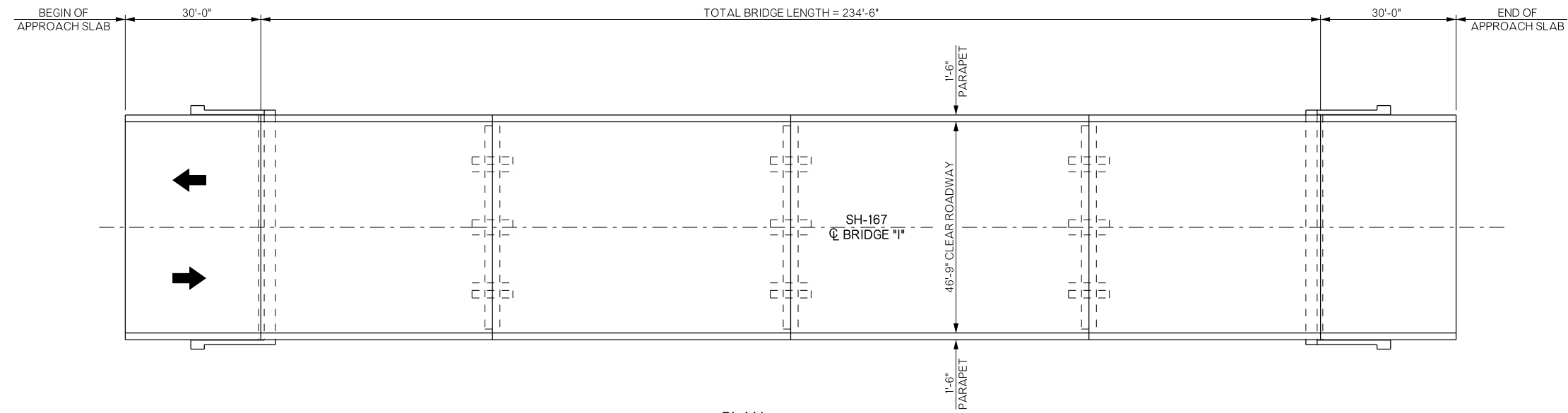


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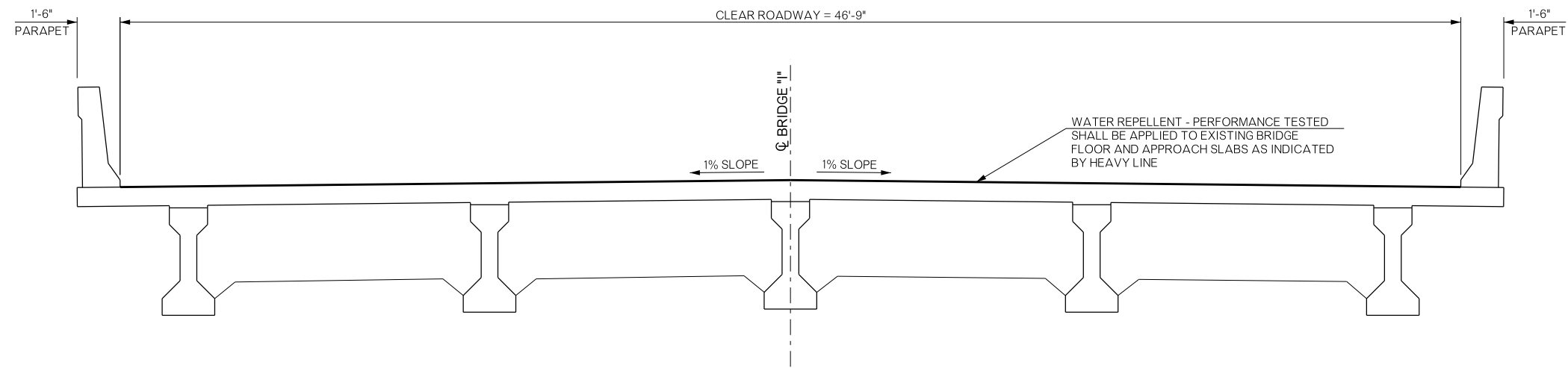
QUANTITIES			
DESCRIPTION	UNIT	QUANTITY	
BRIDGE "H" - NBI 18787			
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.		2,922.00

31943(04)	ROGERS COUNTY	Design	N/A	N/A
SH 167 OVER BIRD CREEK		Detail	ADG	4/16
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "H")		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

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PLAN

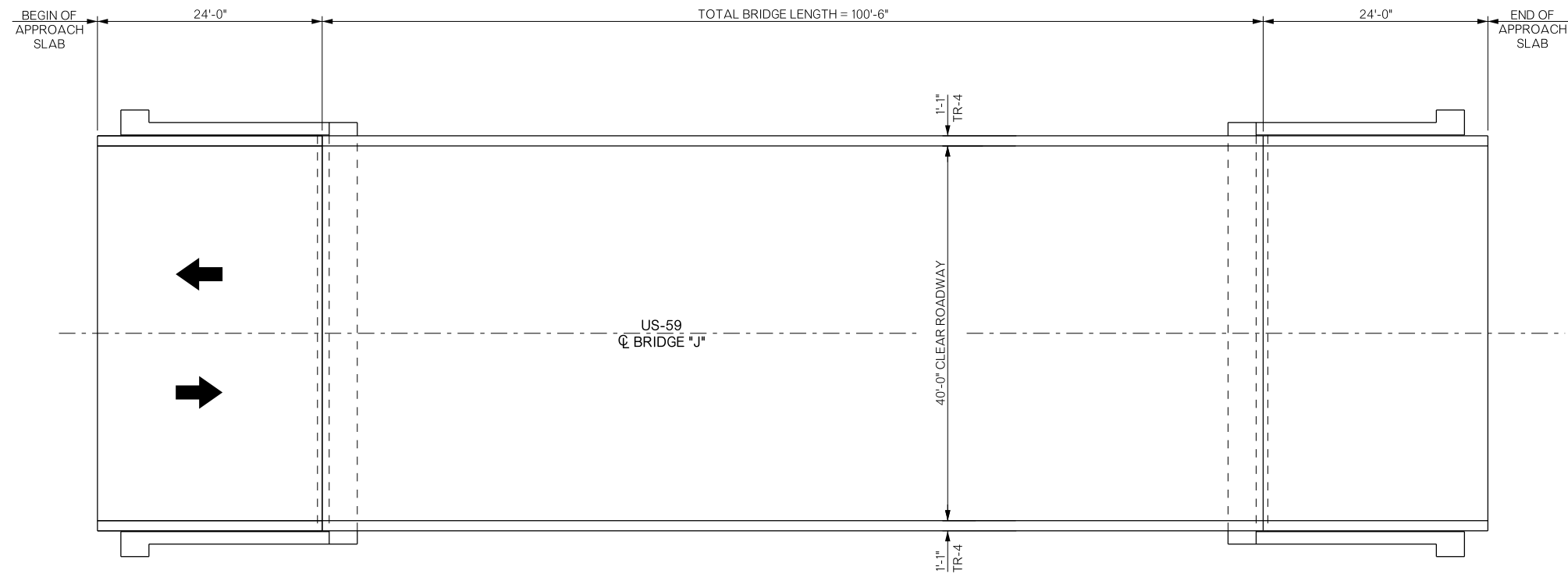


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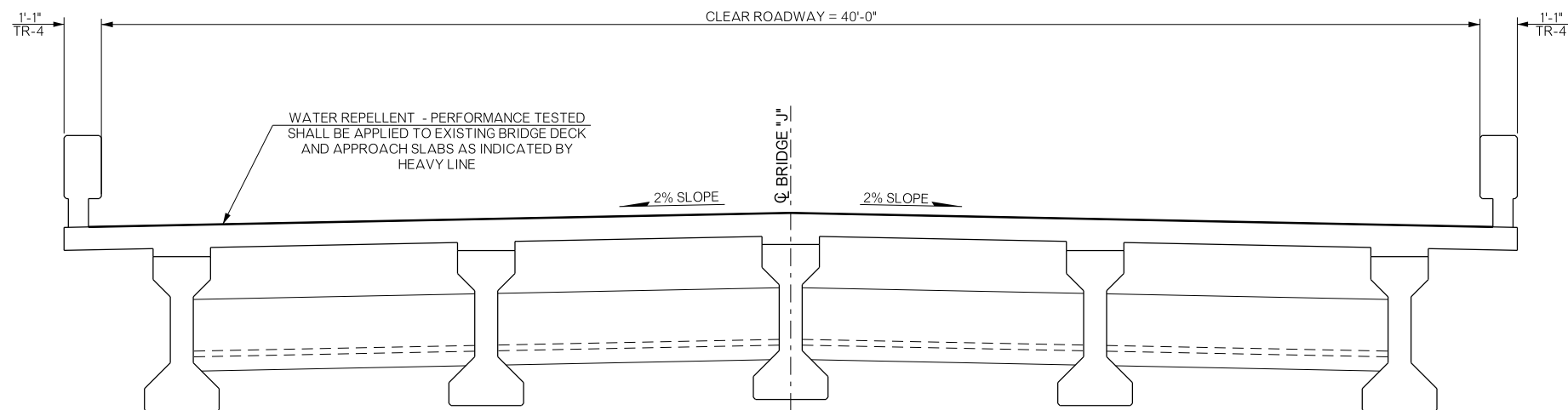
QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
BRIDGE 'I' - NBI 18768		
SH-167 OVER BNSF R.R. & COUNTY ROAD		
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,530.00

BRIDGE 'I'	ROGERS COUNTY	Design	N/A	N/A
SH 167 OVER BNSF R.R. & COUNTY ROAD		Detail	ADG	04/16
GENERAL PLAN AND TYPICAL SECTION (BRIDGE 'I')		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

REVISIONS		
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PLAN

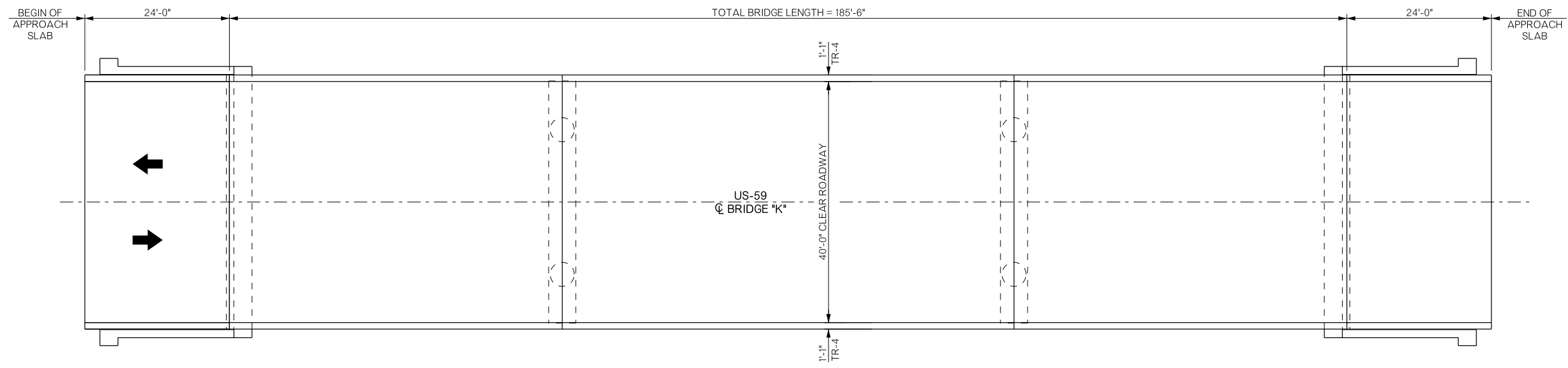
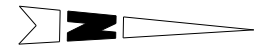


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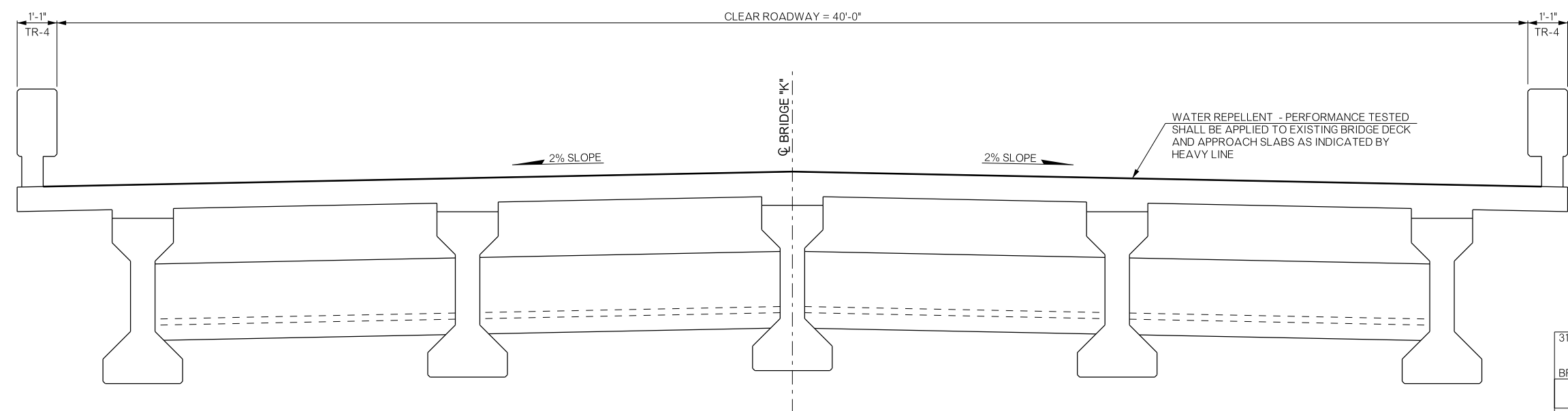
QUANTITIES			
DESCRIPTION	UNIT	QUANTITY	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	673.00	

BRIDGE "J" US 59 OVER ELM CREEK	CRAIG COUNTY	Design	N/A	N/A
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "J")		Detail	DJG	4/16
		Check	KMS	6/16
Squad: MAYFIELD		Engr: ELYAZGI		

REVISIONS		
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PLAN



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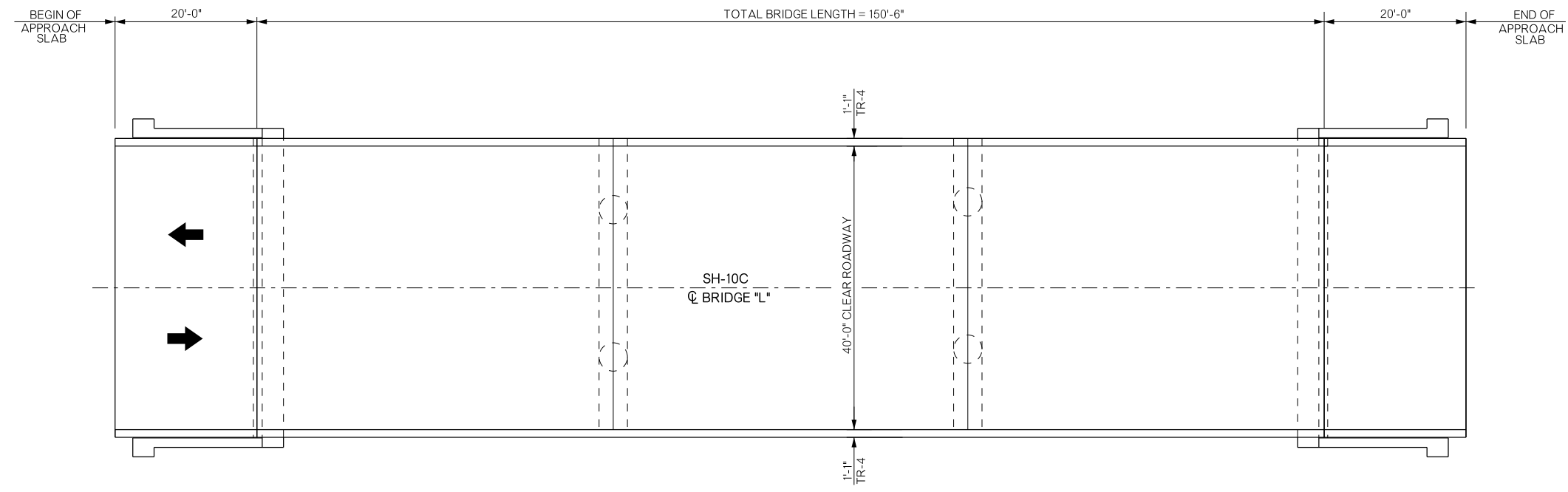
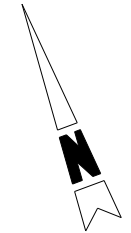
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TYPICAL CROSS SECTION

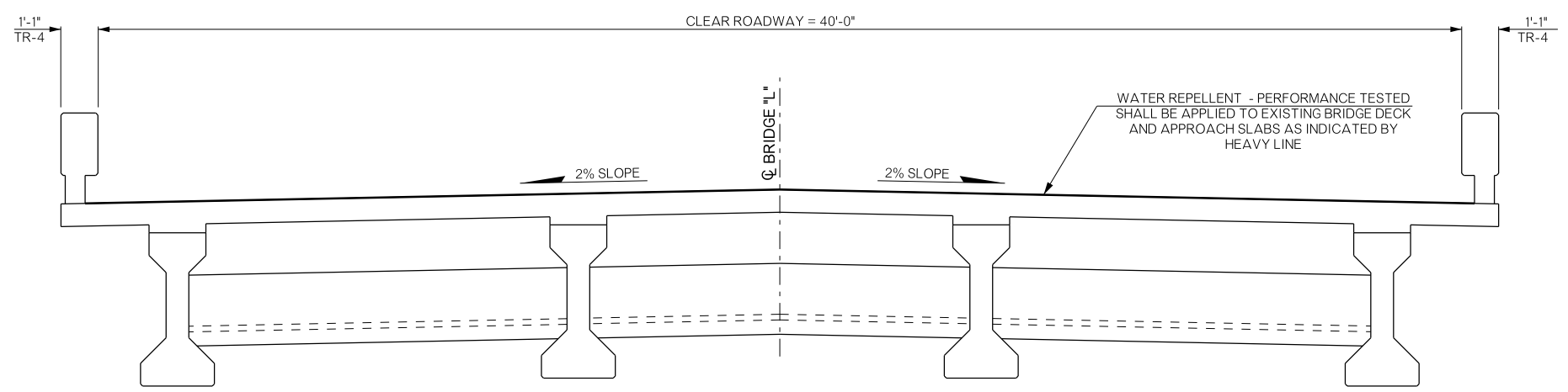
QUANTITIES			
BRIDGE 'K' - NBI 30554		US-59 OVER RUSSELL CREEK	
DESCRIPTION	UNIT	QUANTITY	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,058.00	

BRIDGE "K" US 59 OVER RUSSELL CREEK	CRAIG COUNTY	Design	N/A	N/A
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "K")		Detail	D/JG	04/16
		Check	KMS	6/16
Squad: MAYFIELD		Engr: ELYAZGI		

REVISIONS		
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PLAN



HALF SECTION AT INTERMEDIATE DIAPHRAGM

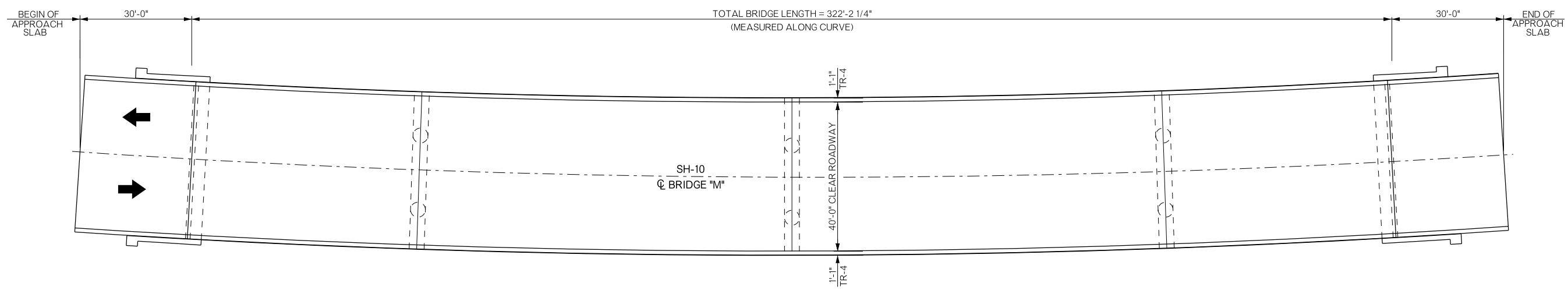
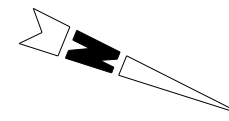
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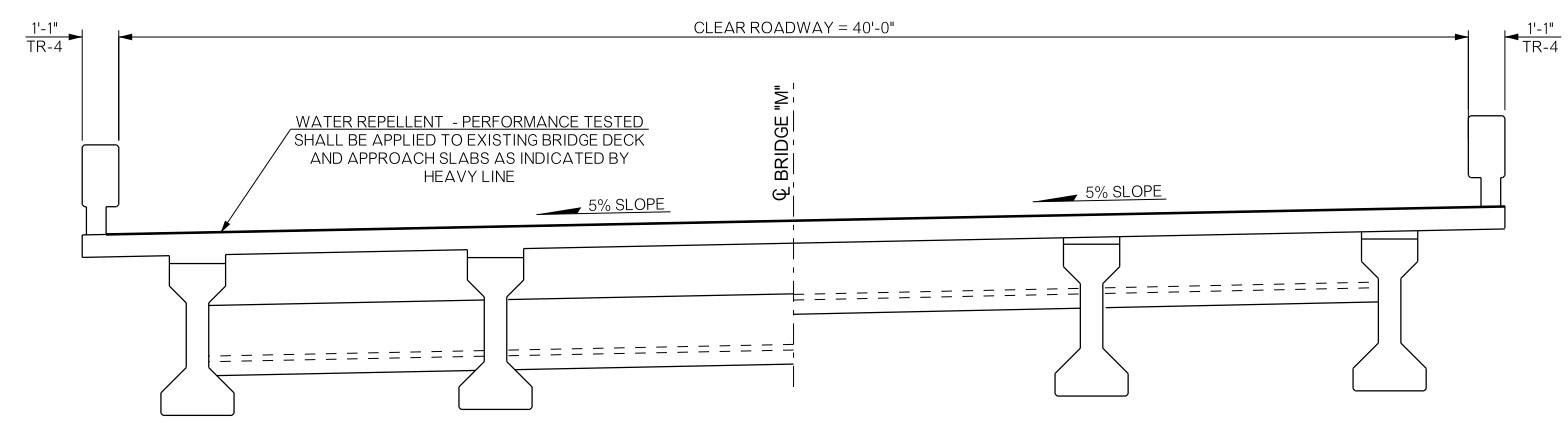
QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
BRIDGE 'L' - NBI 30667	SH-10C OVER LOST CREEK	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	863.00

BRIDGE "L" SH 10C OVER LOST CREEK	OTTAWA COUNTY	Design	N/A	4/16
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "L")		Detail	DJG	4/16
		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

REVISIONS		
REV. NO.	DESCRIPTION	DATE



PLAN



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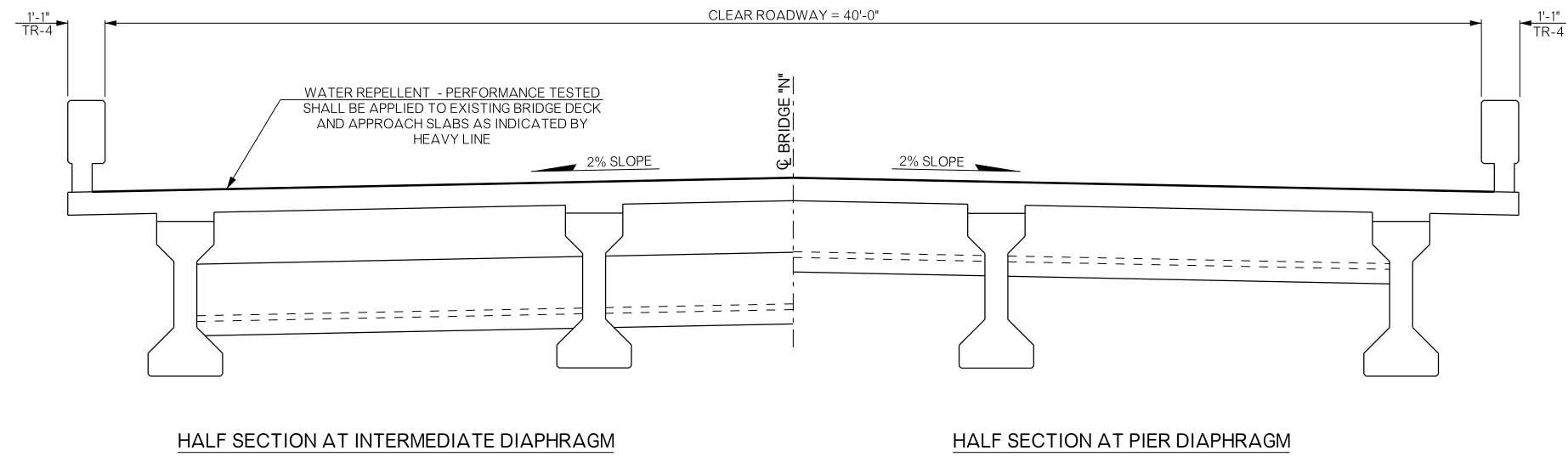
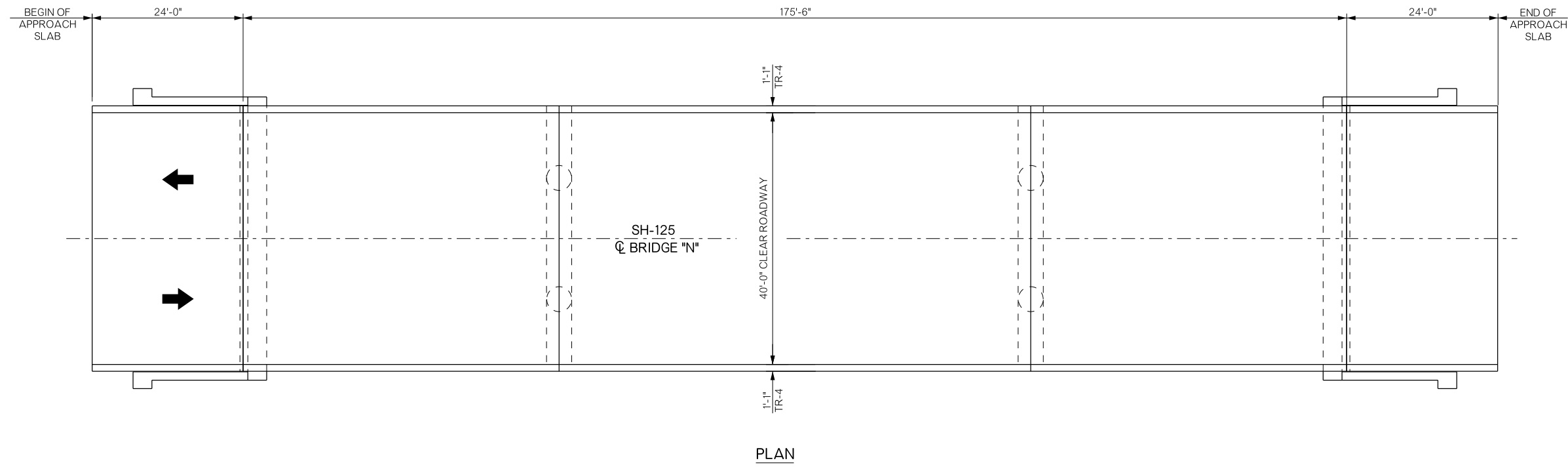
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TYPICAL CROSS SECTION

QUANTITIES			
DESCRIPTION	UNIT	QUANTITY	
BRIDGE "M" - NBI 30035		SH-10 OVER SYCAMORE CREEK	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1731.00	

BRIDGE "M" SH 10 OVER SYCAMORE CREEK	OTTAWA COUNTY	Design	N/A	N/A
		Detail	DJG	4/16
		Check	KMS	6/16
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "M")		Squad	MAYFIELD	
		Engr.	ELYAZGI	

REVISIONS		
REV. NO.	DESCRIPTION	DATE



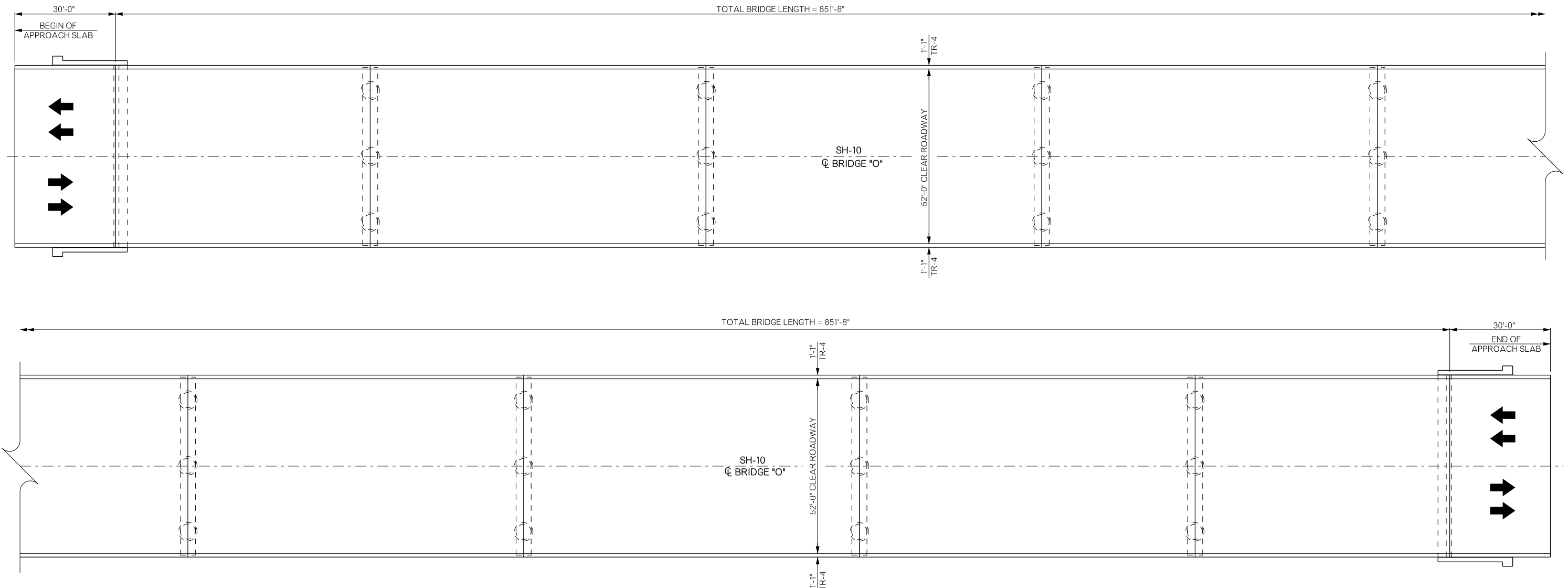
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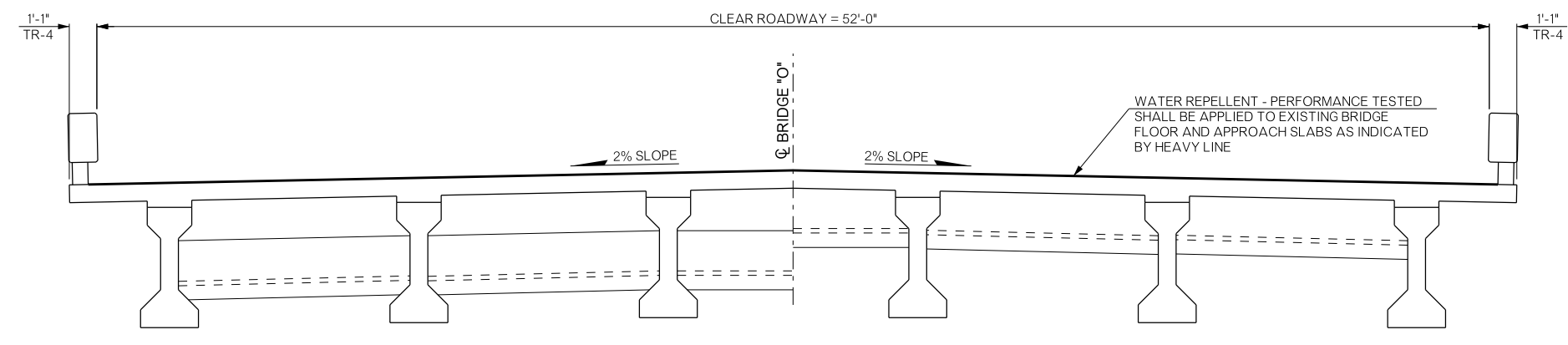
QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1012.00

BRIDGE "N" SH 125 OVER HUDSON CREEK	OTTAWA COUNTY	Design	N/A	N/A
		Detail	DJG	4/16
		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

REVISIONS		
REV. NO.	DESCRIPTION	DATE



PLAN



HALF SECTION AT INTERMEDIATE DIAPHRAGM

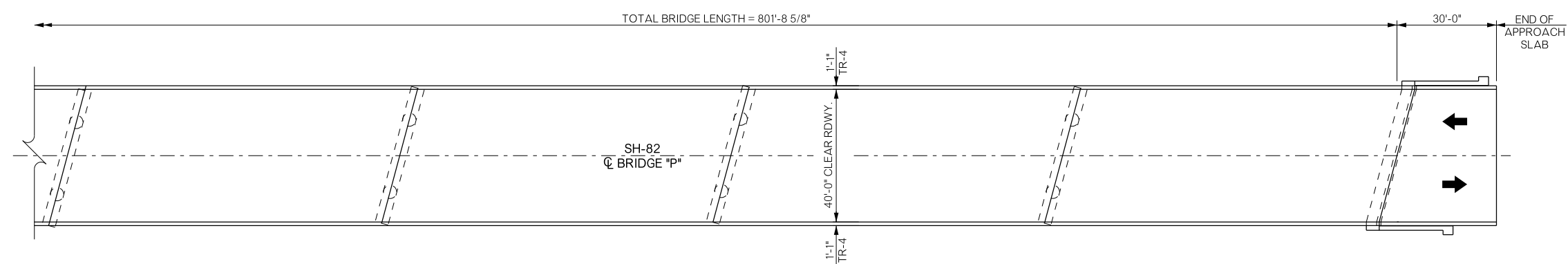
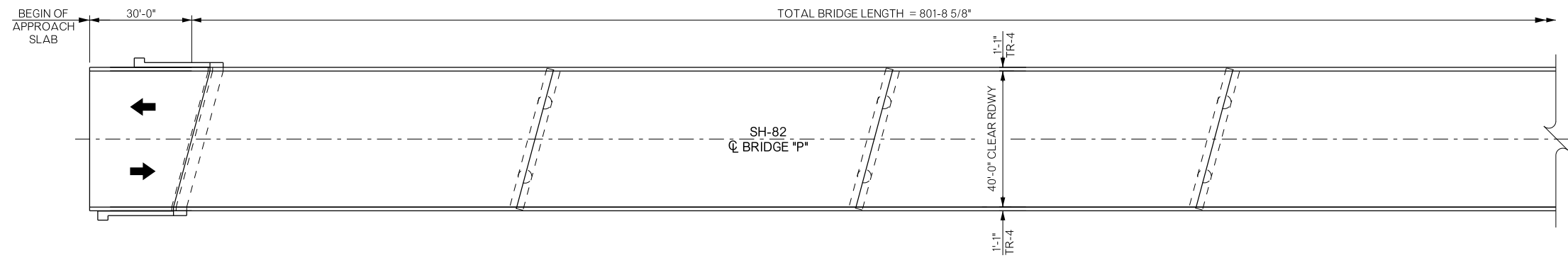
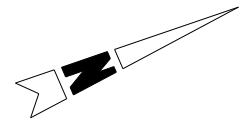
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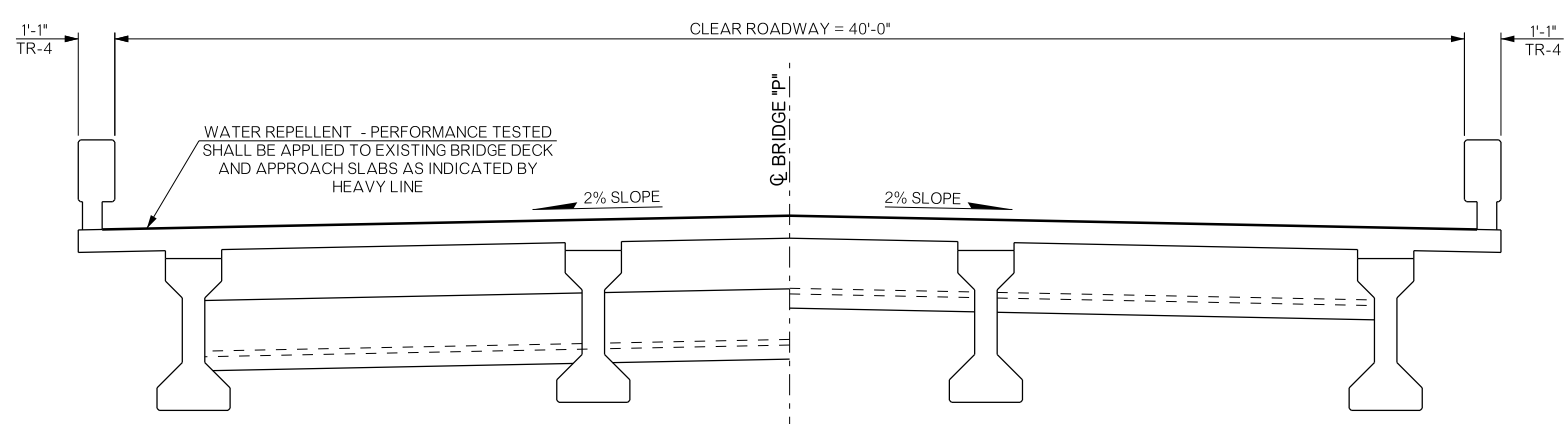
QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
BRIDGE 'O' - NBI 29164	SH-10 OVER ELK RIVER	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	5,344.00

BRIDGE 'O'	DELAWARE COUNTY	Design	N/A	N/A
SH 10 OVER ELK RIVER		Detail	ADG	4/16
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "O")		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

REVISIONS		
REV. NO.	DESCRIPTION	DATE



PLAN

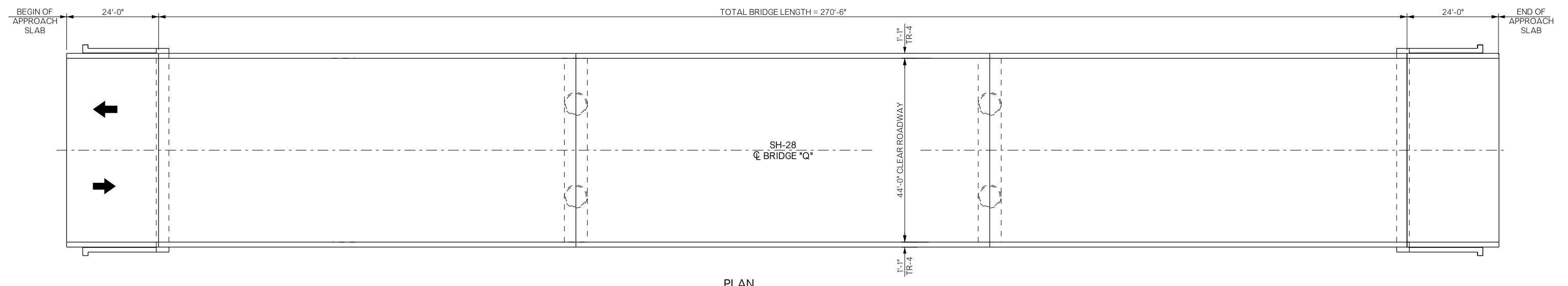
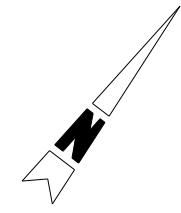


TYPICAL CROSS SECTION

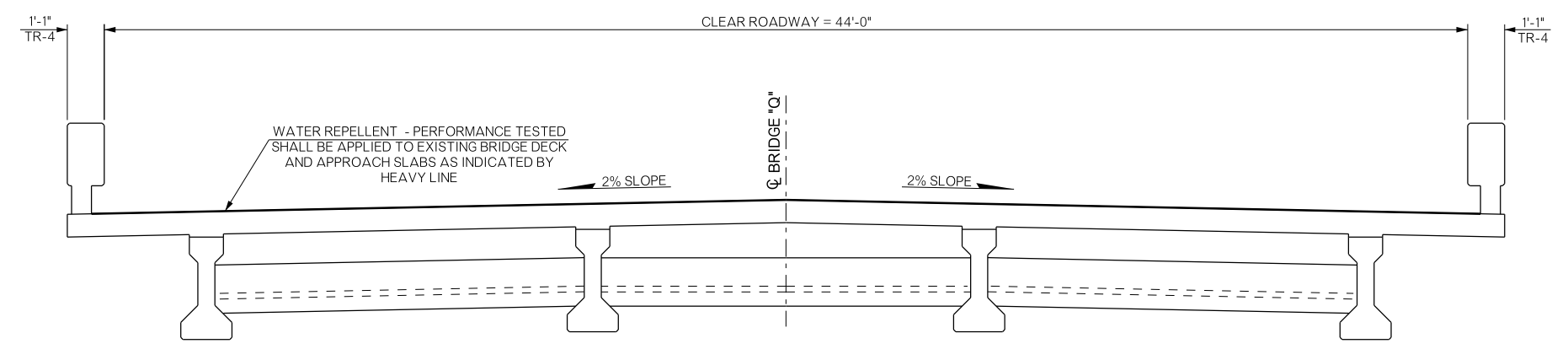
QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
BRIDGE "P" - NBI 30037		SH-82 OVER GRAND RIVER
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	3,902.00

BRIDGE "P" SH 82 OVER GRAND RIVER	MAYES COUNTY	Design	N/A	N/A
		Detail	DJG	4/16
		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

REVISIONS		
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HALF SECTION AT INTERMEDIATE DIAPHRAGM

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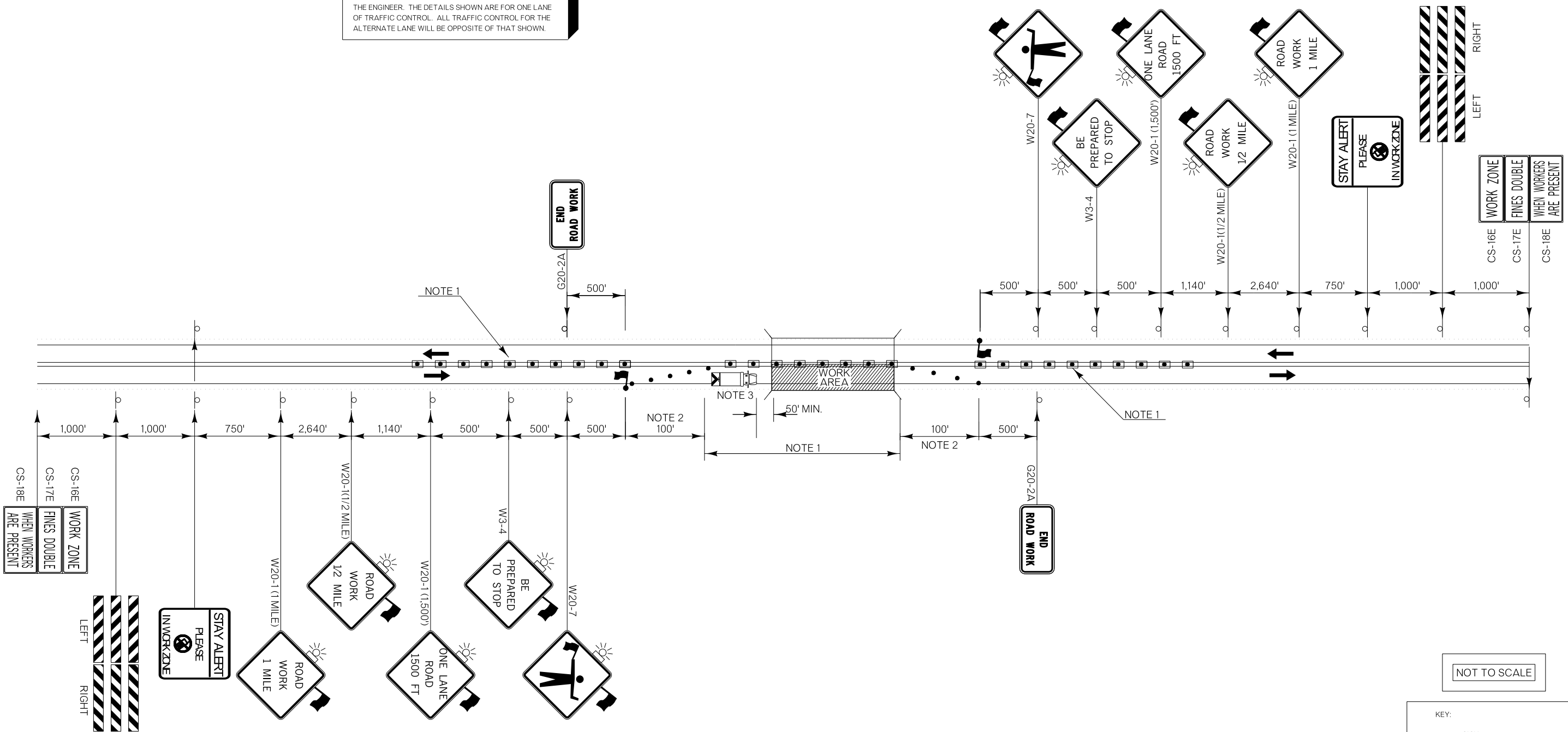
TYPICAL CROSS SECTION

QUANTITIES			
BRIDGE "Q" - NBI 30036		SH-28 OVER ROCK CREEK	
DESCRIPTION	UNIT	QUANTITY	
WATER REPELLENT (PERFORMANCE TESTED)	S.Y.	1,584.00	

BRIDGE "Q"	MAYES COUNTY	Design	N/A	N/A
SH 28 OVER ROCK CREEK		Detail	DJG	4/16
GENERAL PLAN AND TYPICAL SECTION (BRIDGE "Q")		Check	KMS	6/16
		Squad	MAYFIELD	
		Engr.	ELYAZGI	

REVISIONS		
REV. NO.	DESCRIPTION	DATE

THERE IS NO SUGGESTED SEQUENCE OF CONSTRUCTION IN THIS DRAWING. INSIDE AND OUTSIDE LANES SHALL BE WORKED AS STATED IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THE DETAILS SHOWN ARE FOR ONE LANE OF TRAFFIC CONTROL. ALL TRAFFIC CONTROL FOR THE ALTERNATE LANE WILL BE OPPOSITE OF THAT SHOWN.



NOTE 1
 MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES (FEET) SHALL BE TWICE THE POSTED SPEED LIMIT (M.P.H.) WITH THE FOLLOWING EXCEPTIONS. SPACING SHALL NOT EXCEED 50 FEET FOR CONES OR TUBE CHANNELIZERS. SPACING SHALL NOT EXCEED 75 FEET FOR CHANNELIZER CONES, SPACING SHALL NOT EXCEED 100 FEET FOR TYPE II BARRICADES, VERTICAL PANELS OR DRUMS.

NOTE 2
 A MINIMUM OF FIVE (5) CHANNELIZING DEVICES SHALL BE PLACED THROUGH THIS AREA.

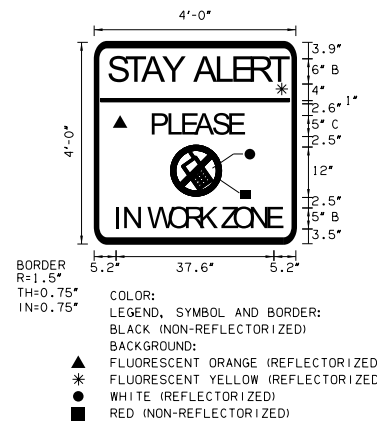
NOTE 3
 THE SHADOW VEHICLE SHOWN AT THE BEGINNING OF THE WORK AREA SHALL BE IN PLACE WHENEVER WORKERS ARE IN THE WORK AREA. THIS VEHICLE SHALL BE REMOVED FROM THE ROADWAY WHENEVER WORKERS ARE NOT IN THE WORK AREA. THIS VEHICLE SHALL BE EQUIPPED WITH AN ACTUATED FLASHING OR REVOLVING YELLOW LIGHT.

THE FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT CONTACT AT ALL TIMES AND SHALL BE POSITIONED TO PROTECT THE WORKERS.

WHEN NO WORK IS BEING PERFORMED AND TWO LANE TRAFFIC IS OPERATING, FLAGGERS WILL NOT BE REQUIRED. WHENEVER FLAGGERS ARE NOT PRESENT, THE "FLAGGER" SIGNS SHALL BE REMOVED OR COVERED.

FLOODLIGHTS SHOULD BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED.

IN INSTANCES WHERE SIGHT DISTANCE MAY BE RESTRICTED DUE TO A CREST VERTICAL CURVE, HORIZONTAL CURVE OR OTHER FACTORS, THE CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.



NOT TO SCALE

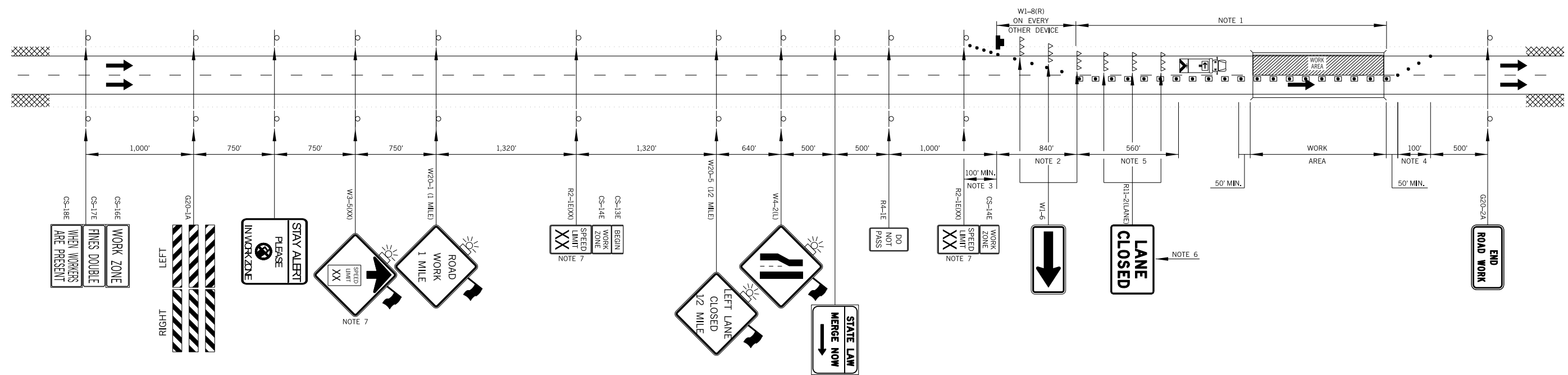
KEY:	
	SIGN
	DRUM
	CHANNELIZING CONE
	WORK AREA
	SHADOW VEHICLE
	TRUCK MOUNTED ATTENUATOR
	FLAGGER

TRAFFIC CONTROL DETAIL (BRIDGE A,B,C,D,G,H,I,J,K,L,M,N,O,P,Q)		
Drawn	SC	5/16
Design	SC	5/16
Checked	SEB	5/16
TRAFFIC ENGINEERING JAMI SHORT		
STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION	
DIVISION 8	JOB PIECE NO. 31943(04)	SHEET NO. T001

REVISIONS		
REV. NO.	DESCRIPTION	DATE

THERE IS NO SUGGESTED SEQUENCE OF CONSTRUCTION IN THIS DRAWING. INSIDE AND OUTSIDE LANES SHALL BE WORKED AS STATED IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THE DETAILS SHOWN ARE FOR ONE LANE OF TRAFFIC CONTROL. ALL TRAFFIC CONTROL FOR THE ALTERNATE LANE WILL BE OPPOSITE OF THAT SHOWN.

TRAFFIC CONTROL TO BE LIMITED TO NIGHTS ONLY FROM SUNDAY TO THURSDAY AND TIMES ARE SUBJECT TO THE DISCRETION OF THE ENGINEER. (BRIDGE E)



NOTE 1
 MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES (FEET) SHALL BE TWICE THE POSTED SPEED LIMIT (M.P.H.) WITH THE FOLLOWING EXCEPTIONS. SPACING SHALL NOT EXCEED 50 FEET FOR CONES OR TUBE CHANNELIZERS. SPACING SHALL NOT EXCEED 75 FEET FOR CHANNELIZER CONES. SPACING SHALL NOT EXCEED 100 FEET FOR TYPE II BARRICADES, VERTICAL PANELS OR DRUMS.

NOTE 2
 MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES (FEET) SHALL BE EQUAL TO THE POSTED SPEED LIMIT (M.P.H.) WITH THE FOLLOWING EXCEPTIONS. SPACING SHALL NOT EXCEED 25 FEET FOR CONES OR TUBE CHANNELIZERS. SPACING SHALL NOT EXCEED 50 FEET FOR TYPE II BARRICADES, VERTICAL PANELS OR DRUMS.

NOTE 3
 A MINIMUM OF FIVE (5) CHANNELIZING DEVICES SHALL BE PLACED THROUGH THIS TAPER.

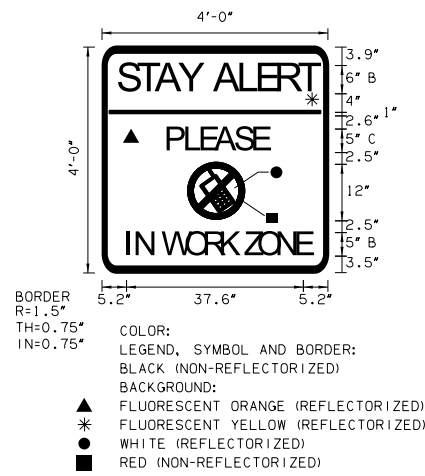
NOTE 4
 DOWNSTREAM TAPERS SHALL CONTAIN A MINIMUM OF FOUR (4) CHANNELIZING DEVICES.

NOTE 5
 A LONGITUDINAL BUFFER AREA, TO ALLOW WORKERS TIME TO EVACUATE THE WORK AREA, SHOULD BE PROVIDED. FOR GUIDELINES ON SETTING THE LENGTH OF THIS BUFFER, SEE STANDARD DRAWING TCS2-1-(LATEST REVISION). ACTUAL LENGTH SHALL BE DETERMINED BY FIELD CONDITIONS AND THE JUDGEMENT OF THE ENGINEER.

NOTE 6
 TYPE III BARRICADES WITH SIGNS READING "LANE CLOSED" (R11-2) SHALL BE PLACED EVERY 2,000 FEET THROUGH ACTIVITY AREA AND LOGITUDINAL BUFFERS LONGER THAN THAT SHOWN. THESE TYPE III BARRICADES AND SIGNS MAY BE OMITTED ON MOVING OPERATIONS AND SHORT DURATION PROJECTS.

NOTE 7
 CONSTRUCTION SPEED LIMIT TO BE DETERMINED BY THE DIVISION ENGINEER.

FOR ADDITIONAL INFORMATION ABOUT TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES, SEE STANDARD DRAWING TCS2-1-(LATEST REVISION).



KEY:

	SIGN
	DRUM
	CHANNELIZING CONE
	WORK AREA
	ARROW DISPLAY
	SHADOW VEHICLE
	TRUCK MOUNTED ATTENUATOR
	TYPE III BARRICADES

NOT TO SCALE

TRAFFIC CONTROL DETAIL (BRIDGE E, F)			Drawn	SC	5/16
			Design	SC	5/16
STATE OF OKLAHOMA DEPARTMENT OF TRANSPORTATION			Checked	SEB	5/16
			TRAFFIC ENGINEERING JAMI SHORT		
DIVISION 8	JOB/PIECE NO. 31943(04)	SHEET NO. T002	MULTIPLE COUNTY/		