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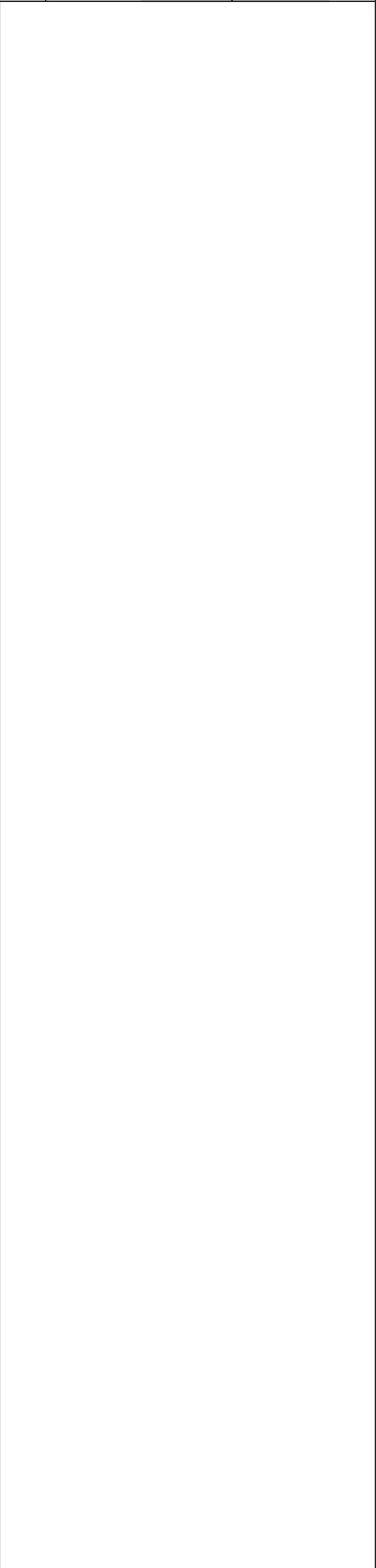
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TENNESSEE DEPARTMENT OF TRANSPORTATION
JAMES K. POLK BUILDING, SUITE 1100
505 DEADERICK STREET
NASHVILLE, TN 37243
DAWOD BERWARY, P.E. NO. 119943

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

SIGNATURE SHEET.....STRUCTURE-SIGN 2
INDEX OF DRAWINGS.....U-95-481
ESTIMATED QUANTITIES.....U-95-483

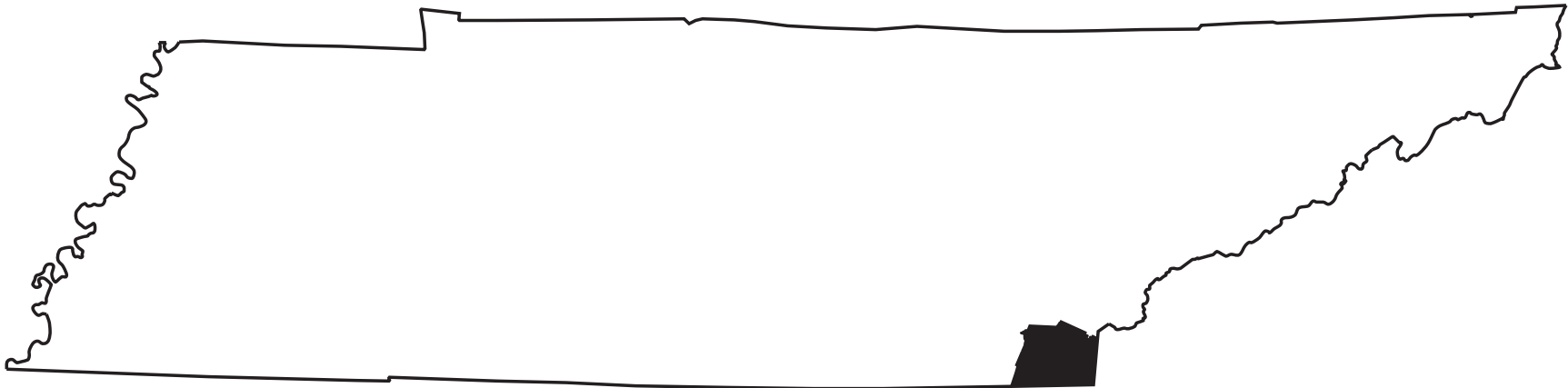
YEAR	PROJECT NO.	SHEET NO.
2025	BR-NH-68(55)	STRUCTURE-SIGN2



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE
SHEET

2/3/2025 10:22:38 AM P:\STRUCTURES\CADD_REGION_2\70-POLK\70SR0400025 & 26\BRIDGE_DRAWINGS\70SR0400025BORDER.DGN



POLK COUNTY

ESTIMATED QUANTITIES			X281	X281
ITEM NO.	DESCRIPTION	UNIT	TOTAL	TOTAL
202-04.01	REMOVAL OF STRUCTURES (EXIST. BR. NO. 70-SR68-18.39 LT)	L.S.	1	
202-04.02	REMOVAL OF STRUCTURES (EXIST. BR. NO. 70-SR68-18.39 RT)	L.S.		1
204-02.01	DRY EXCAVATION (BRIDGES)	C.Y.	265	389
303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	53	65
604-02.03	EPOXY COATED REINFORCING STEEL	LB.	74,430	92,500
604-03.01	CLASS 'A' CONCRETE (BRIDGES)	C.Y.	213	255
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	LB.	39,586	47,033
604-03.04	PAVEMENT @ BRIDGE ENDS	S.Y.	211	274
604-03.09	CLASS 'D' CONCRETE (BRIDGE DECK)	C.Y.	311	391
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	S.Y.	2,924	3,407
604-04.41	THREE STAR STATE EMBLEM	EA.	6	6
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	S.Y.	1,250	1,599
606-03.03	STEEL PILES (12 INCH)	L.F.	3,687	4,464
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	EA.	64	64
615-01.11	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB) (BT-63)	L.F.	1,153	1,387
620-05.01	CONCRETE PARAPET SINGLE SLOPE (STD-1-1SS)	L.F.	541	541
710-09.01	6" PERF. PIPE WITH VERTICAL DRAIN SYSTEM	L.F.	139	164
710-09.02	6" PIPE UNDERDRAIN	L.F.	80	80

DRAWN BY: P. MOSHER

CONST. NO. 70008-3224-94

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2024	BR-NH-68(55)	B-1

REVISION: 1 02-03-25 DB QUANTITIES CHANGED

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

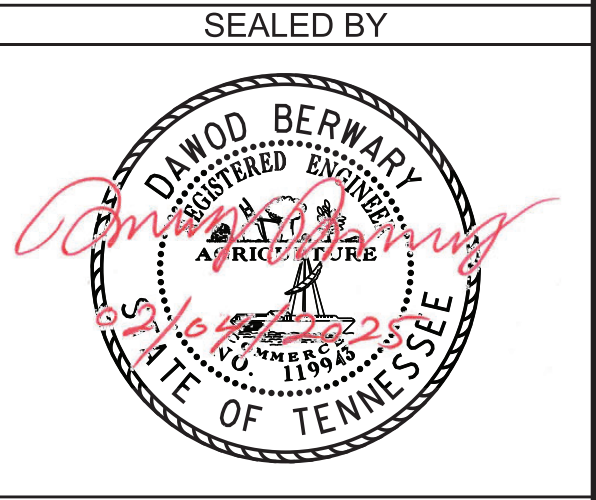
ESTIMATED
BRIDGE
QUANTITIES

2/3/2025 2:33:18 PM P:\STRUCTURES\CADD_REGION_2\70-POLK\70SR0400025 & 26\BRIDGE_DRAWINGS\70SR0400025BORDER.DGN

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ESTIMATED QUANTITIES.....	U-95-483	02-03-2025	
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SUPERSTRUCTURE SOUTHBOUND.....	U-95-486		
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LIST OF STANDARD DRAWINGS	DWG. NO.	LAST REV. DATE
BRIDGE RAILING SINGLE SLOPE CONCRETE		
PARAPET.....	STD-1-1SS.....	07-24-2024
CONCRETE PARAPET AND BRIDGE DECK		
DRAIN DETAILS.....	STD-1-2SS.....	05-31-2024
REINFORCED CONCRETE PAVEMENT		
AT BRIDGE ENDS.....	STD-1-5.....	06-05-2023
STANDARD PILE DETAILS.....	STD-5-1.....	
STANDARD SEISMIC DETAILS.....	STD-6-1.....	12-08-2023
STANDARD SEISMIC DETAILS.....	STD-6-2.....	11-07-1994
TRI-STAR STATE EMBLEM FINISH DETAILS.....	STD-8-6.....	10-03-2018
STANDARD REINFORCEMENT BAR SUPPORT		
DETAILS FOR CONCRETE SLABS.....	STD-9-1.....	10-07-2008
MISCELLANEOUS ABUTMENT AND DRAINAGE		
DETAILS.....	STD-10-1.....	06-05-2023
MISCELLANEOUS ABUTMENT AND PAVEMENT AT		
BRIDGE ENDS BACKFILL DETAILS.....	STD-10-2.....	06-05-2023
STANDARD FLUME DETAILS.....	STD-10-3.....	01-10-2024
STANDARD DETAILS AND INTERMEDIATE DIAPHRAGM		
DETAILS FOR BULB-TEE AND WIDE		
BULB-TEE BEAMS.....	STD-14-1.....	06-05-2023
SAFETY APPROACH TO UNDERPASSES GRADING		
DESIGN AND SLOPE PROTECTION.....	RD11-SA-1.....	01-09-2024

CONST. NO.: 70008-3224-94			
PROJECT NO.		YEAR	SHEET NO.
BR-NH-68(55)		2025	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	02-03-25	DB	REVISION DATE



PIN NO.:	124097.00	
DESIGN BY:	D. BERWARY	DATE: 05/2024
DRAWN BY:	A. HUNTER	DATE: 07/2024
SUPERVISED BY:	DRE/DB	DATE: 05/2024
CHECKED BY:	JAMES RAMESY	DATE: 08/2024

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
INDEX OF DRAWINGS
STATE ROUTE 68 OVER
STATE ROUTE 40
STATION 108+59.18
BRIDGE I.D. NO. 70SR0400025
BRIDGE I.D. NO. 70SR0400026
POLK COUNTY
2025

U-95-481

PROJECT NO.		YEAR	SHEET NO.
BR-NH-68(55)		2025	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	02-03-25	DB	QUANTITIES CHANGED
	- -		
	- -		
	- -		
	- -		

ESTIMATED QUANTITIES NOTES

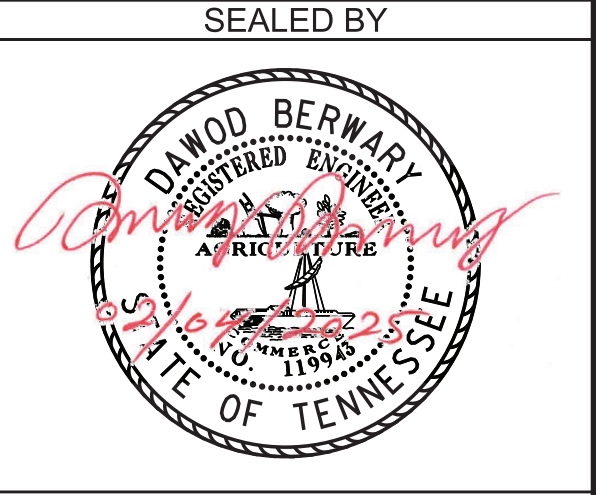
- (1) **NOTE:** PRIOR TO CONSTRUCTION OF THE PAVEMENT AT BRIDGE ENDS, THE CONTRACTOR SHALL SUBMIT A PROPOSED BILL OF STEEL TO THE ENGINEER FOR APPROVAL.
- (2) **NOTE:** LUMP SUM TO INCLUDE COMPLETE REMOVAL OF EXISTING BRIDGES NO. 7-SR68-18.39 LT. LN AND NO. 70-SR68-18.39 RT. LN AND THE APPROACHES TO BE REMOVED TO NATURAL GROUND BETWEEN STATIONS 107+40.00 AND 109+80.00. THE EXISTING BRIDGES ARE A FOUR SPAN CONCRETE CONTINUOUS TEE BEAM BRIDGE. BOTH BRIDGES HAVE AN OUT TO OUT 48'-6" AND LENGTH OF 187'-2".
- (3) **NOTE:** EXCAVATION BASED ON FINAL PROFILE AT ABUTMENT AND EXISTING GROUND AT BENTS.
- (4) **NOTE:** COST OF 12 BRIDGE PARAPET DRAINS TO BE INCLUDED IN THE UNIT PRICE BID FOR THE PARAPET.
- (5) **NOTE:** THE COST OF BITUMINOUS-FIBERBOARD AND ALL MISCELLANEOUS JOINT MATERIAL TO BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.
- (6) **NOTE:** COST OF ELASTOMERIC PADS AND RUBBER BONDING CEMENT TO BE INCLUDED IN THE UNIT PRICE BID FOR THE PRESTRESSED BEAM.
- (7) **NOTE:** INTERMEDIATE DIAPHRAGMS SHALL BE PAID FOR IN ACCORDANCE WITH STANDARD DRAWING STD-14-1.
- (8) **NOTE:** COST OF POLYETHYLENE SHEETING AND ALL MISCELLANEOUS ITEMS NECESSARY FOR INSTALLATION TO BE INCLUDED IN THE UNIT PRICE BID FOR PERFORATED PIPE.
- (9) **NOTE:** THE COST OF ALL MATERIALS AND LABOR NECESSARY FOR THE INSTALLATION OF 33 ANCHOR BOLT ASSEMBLIES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CLASS A CONCRETE (BRIDGES), ITEM NO. 604-03.01.
- (10) **NOTE:** GRANULAR BACKFILL SHALL BE TYPE "A" GRADING "D" MATERIAL. SEE STANDARD DRAWING STD-10-1.
- (11) **NOTE:** THE UNIT PRICE BID FOR THE CAST STEEL POINTS SHALL INCLUDE FURNISHING AND INSTALLATION TO THE PILES.

ESTIMATED QUANTITIES (NB)

	ITEM NO.	DESCRIPTION	UNIT	TOTAL	SUPERSTRUCTURE	ABUTMENT NO. 1	BENT NO. 1	ABUTMENT NO. 2
2	202-04.02	REMOVAL OF STRUCTURES (EXIST. BR. NO. 70-SR68-18.39 RT)	L.S.	1				
3	204-02.01	DRY EXCAVATION (BRIDGES)	C.Y.	389		134	128	127
10	303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	65		32		33
	604-02.03	EPOXY COATED REINFORCING STEEL	LB.	92,500	88,734	1,873		1,893
9	604-03.01	CLASS 'A' CONCRETE (BRIDGES)	C.Y.	255		65	122	68
	604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	LB.	47,033	1,053	7,030	31,871	7,079
1	604-03.04	PAVEMENT @ BRIDGE ENDS	S.Y.	274		137		137
	604-03.09	CLASS 'D' CONCRETE (BRIDGE DECK)	C.Y.	391	391			
	604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	S.Y.	3,407	3,348	30		29
	604-04.41	THREE STAR STATE EMBLEM	EA.	6		2	2	2
	604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	S.Y.	1,599				
	606-03.03	STEEL PILES (12 INCH)	L.F.	4,464		1,393	2,619	452
11	606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	EA.	64		14	36	14
6, 7	615-01.11	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB) (BT-63)	L.F.	1,386				
4	620-05.01	CONCRETE PARAPET SINGLE SLOPE (STD-1-1SS)	L.F.	541				
	710-09.01	6" PERF. PIPE WITH VERTICAL DRAIN SYSTEM	L.F.	164		80		84
	710-09.02	6" PIPE UNDERDRAIN	L.F.	80		40		40

ESTIMATED QUANTITIES (SB)

	ITEM NO.	DESCRIPTION	UNIT	TOTAL	SUPERSTRUCTURE	ABUTMENT NO. 1	BENT NO. 1	ABUTMENT NO. 2
2	202-04.01	REMOVAL OF STRUCTURES (EXIST. BR. NO. 70-SR68-18.39 LT)	L.S.	1				
3	204-02.01	DRY EXCAVATION (BRIDGES)	C.Y.	265		84	85	96
10	303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	53		27		26
	604-02.03	EPOXY COATED REINFORCING STEEL	LB.	74,430	71,129	1,557		1,744
9	604-03.01	CLASS 'A' CONCRETE (BRIDGES)	C.Y.	213		54	104	55
	604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	LB.	39,586	842	6,129	26,473	6,142
1	604-03.04	PAVEMENT @ BRIDGE ENDS	S.Y.	211		105		106
	604-03.09	CLASS 'D' CONCRETE (BRIDGE DECK)	C.Y.	311	311			
	604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	S.Y.	2,924	2,877	16		31
	604-04.41	THREE STAR STATE EMBLEM	EA.	6		2	2	2
	604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	S.Y.	1,250				
	606-03.03	STEEL PILES (12 INCH)	L.F.	3,687		1,033	2,031	623
11	606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	EA.	64		12	40	12
6, 7	615-01.11	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB) (BT-63)	L.F.	1,153				
4	620-05.01	CONCRETE PARAPET SINGLE SLOPE (STD-1-1SS)	L.F.	541				
	710-09.01	6" PERF. PIPE WITH VERTICAL DRAIN SYSTEM	L.F.	139		69		70
	710-09.02	6" PIPE UNDERDRAIN	L.F.	80		40		40



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
ESTIMATED QUANTITIES
STATE ROUTE 68 OVER
STATE ROUTE 40
STATION 108+59.18
BRIDGE I.D. NO. 70SR0400025
BRIDGE I.D. NO. 70SR0400026
POLK COUNTY
2025

U-95-483