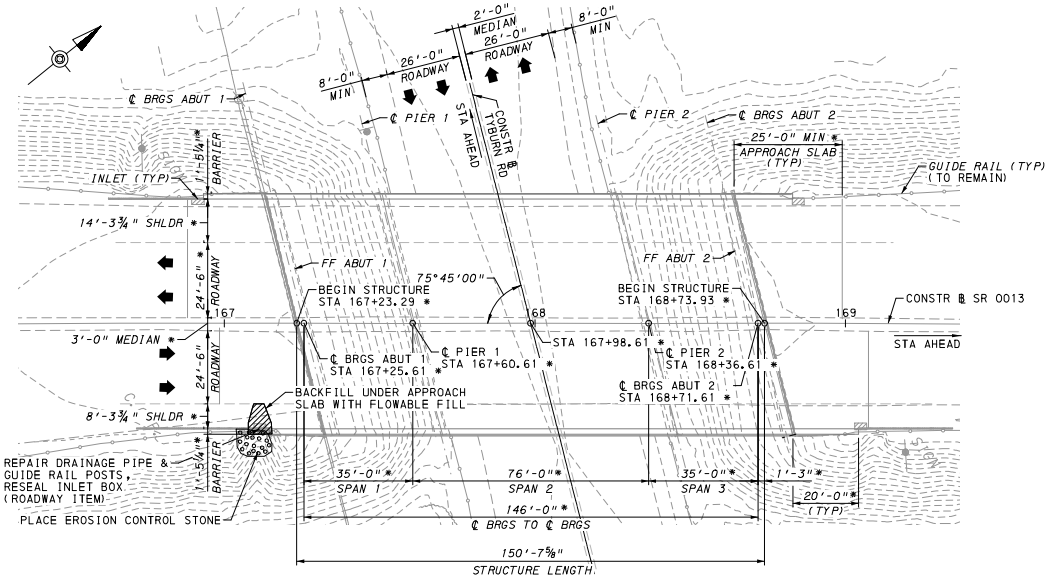
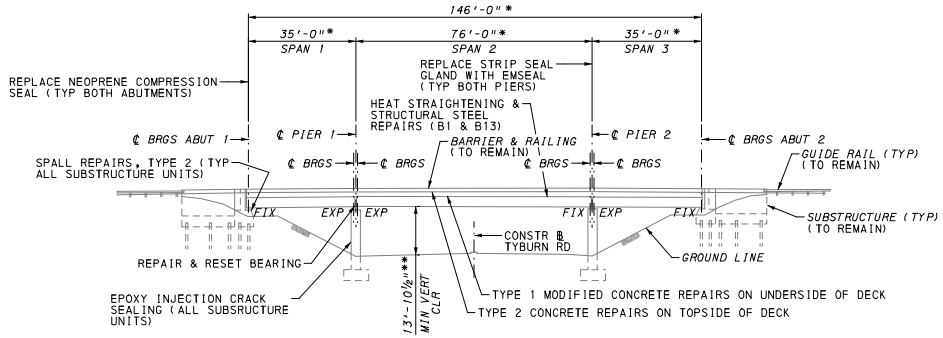


PLAN

10 0 10 20 FEET



ELEVATION

10 0 10 20 FEET

INDEX OF DRAWINGS	
SHEET NUMBER	TITLE
1	GENERAL PLAN & ELEVATION
2	GENERAL NOTES

REHABILITATION SCOPE OF WORK

1. INSTALL TRAFFIC CONTROL ON TYBURN ROAD IN ACCORDANCE WITH TRAFFIC CONTROL PLAN.
2. PERFORM HEAT-STRAIGHTENING REPAIRS AND STEEL REPAIRS TO BEAM 1 & BEAM 13 IN SPAN 2.
3. JACK BEAMS WITH BEARING TILT APPROACHING OR EXCEEDING TOLERANCE. CLEAN AND RESET ROCKER BEARINGS AT PIER 1 & 2.
4. PERFORM SPALL REPAIRS, TYPE 2 AND EPOXY INJECTION CRACK SEALING ON ALL SUBSTRUCTURE UNITS. PERFORM TYPE 2 SPALL REPAIRS ON TOPSIDE OF DECK. PERFORM MODIFIED TYPE 1 SPALL REPAIRS ON UNDERSIDE OF DECK.
5. CLEAN BRIDGE DECK. REPLACE THE SETTLED STRIP SEAL GLANDS WITH EMSEALS WITH EXISTING ARMORING TO REMAIN AT PIER 1 & 2. REPLACE COMPRESSION SEALS AT ABUTMENTS.
6. BACKFILL UNDERMINED APPROACH SLAB AREA WITH FLOWABLE FILL AT NEAR RIGHT CORNER. REPAIR DRAIN PIPE AND REPLACE GUIDE RAILPOSTS IN-KIND (ROADWAY ITEM). PLACE EROSION CONTROL STONE ALONG EMBANKMENT.

HORIZONTAL CURVE DATA:

SR 0013

MATCH EXISTING HORIZONTAL GEOMETRY

VERTICAL CURVE DATA:

SR 0013

MATCH EXISTING VERTICAL GEOMETRY

LEGEND:

➡ TRAFFIC DIRECTION

* BASED ON INFORMATION PROVIDED ON EXISTING PLANS (S-2039), REHABILITATION PLANS (S-7605 & S-23383). VERIFY IN THE FIELD.

** BASED ON 2023 INSPECTION REPORT

Mark	Description	By	Chk'd.	Recm'd.	Date
REVISIONS					

SR 0013 PREVIOUSLY KNOWN AS LR 778 SEC 2
BMS STR ID: 09-0013-0310-1703 MPMS/ECMS PROJ: 113813 BRKEY: 6773

PREPARED BY:
GANNETT FLEMING, INC.
1010 ADAMS AVENUE
AUDUBON, PA 19403-2402

PRELIMINARY
NOT FOR CONSTRUCTION
JUNE 2025

_____, 2025

DES: MUA	CKD: MMC	DWN: BMJ	CKD: MJU

DESCRIPTION	DWG. NO.	RECM'D DATE
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	1-31-19
PREFORMED NEOPRENE COMPRESSION SEAL JOINT FOR APPROACH SLABS	BC-766M	11-23-22
NEOPRENE STRIP SEAL DAM FOR PRESTRESSED CONCRETE & STEEL I-BEAM BRIDGES	BC-767M	11-23-22
MISCELLANEOUS PRESTRESS DETAILS	BC-775M	9-30-16
REINFORCED CONCRETE REPAIR	BC-783M	1-31-19
TYPICAL WATERPROOFING AND EXPANSION DETAILS	BC-788M	1-31-19

SUPPLEMENTAL DRAWINGS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

BUCKS COUNTY
SR 0013 SECTION HB1
SEGMENT 0310 OFFSET 1703
SR 0013 STA 167+98.61 OVER
TYBURN ROAD
3 SPAN NON-COMPOSITE ROLLED STEEL I-BEAM BRIDGE

GENERAL PLAN & ELEVATION

RECOMMENDED _____

DISTRICT 6-0 BRIDGE ENGINEER

SHEET 1 OF 2
+ SUPPLEMENTAL DWGS.

S-42661

FILE NAME: pw://gfnet-pw.bentley.com:gfnet-pw-01/Documents/Projects/62315_Group 1/OUTPUT/COMP_19 - SR0013 over Tyburn Rd/Group X/Gannett Fleming/BRDG/PLOT/Tyburn gp01.dgn
DATE: 2/7/2025 TIME: 10:01:02 AM