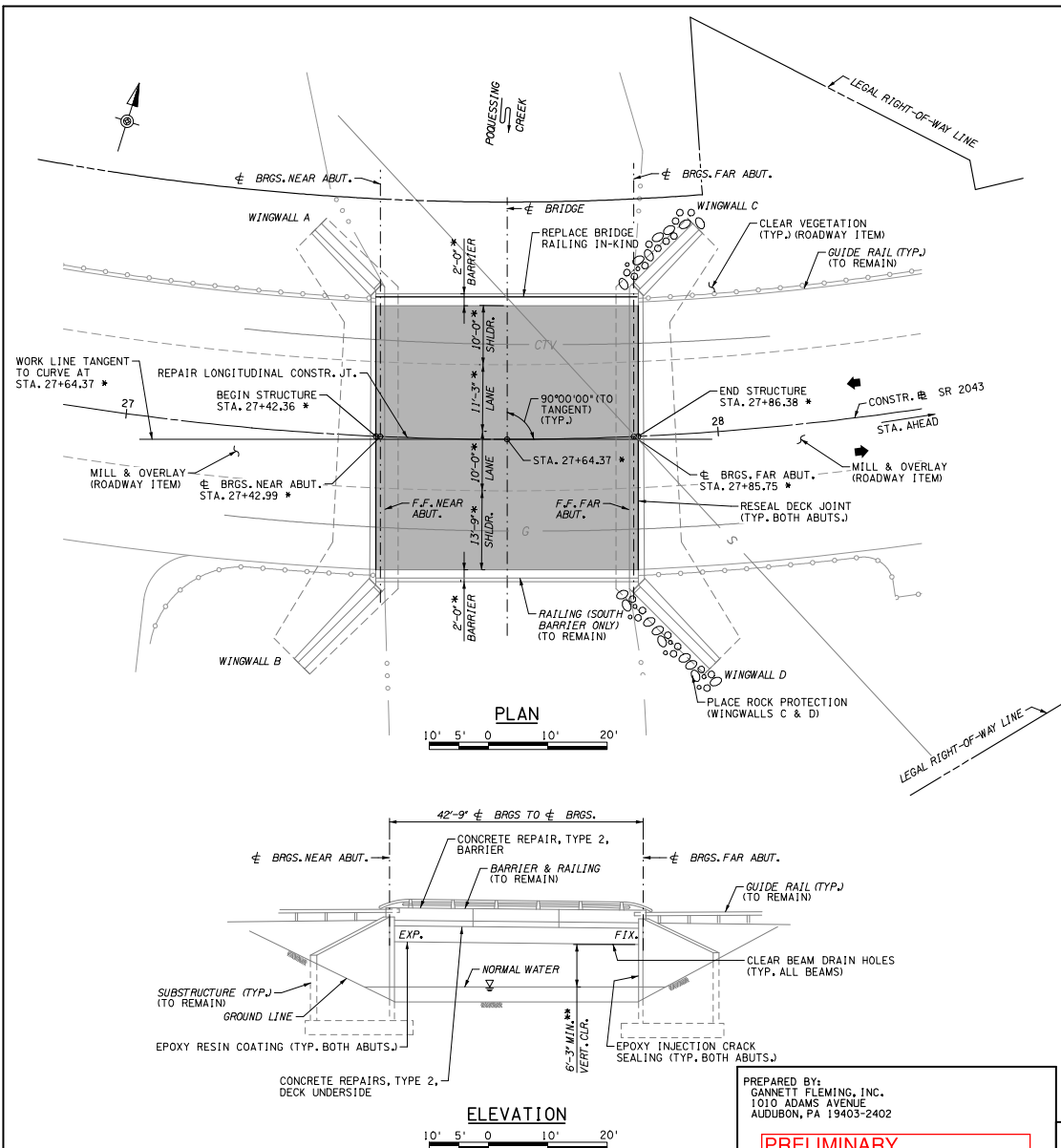


FILE: \\NAME\paw\gfhnet-pw\01\Documents\Projects\62315\Group 1\OUTPUT\COMP.12 - SR2043 Trevose Road\Group 1\Output\BRD\PLT\004 Trevose Rd gpl0.dgn  
DATE: 6/9/2020 TIME: 2:36:06 PM



| INDEX OF DRAWINGS |                                 |
|-------------------|---------------------------------|
| SHEET NUMBER      | TITLE                           |
| 1                 | GENERAL PLAN & ELEVATION        |
| 2                 | TYPICAL SECTIONS & LOAD RATINGS |
| 3                 | GENERAL NOTES                   |

| REHABILITATION SCOPE OF WORK |                                                                          |
|------------------------------|--------------------------------------------------------------------------|
| 1.                           | CLEAR VEGETATION AT APPROACHES (ROADWAY ITEM)                            |
| 2.                           | PERFORM 1/4" SCARIFICATION OF THE EXISTING BRIDGE DECK                   |
| 3.                           | PERFORM HYDRODEMOLITION OF THE EXISTING BRIDGE DECK                      |
| 4.                           | REPAIR LONGITUDINAL CONSTRUCTION JOINT                                   |
| 5.                           | PLACE LATEX MODIFIED CONCRETE WEARING SURFACE, 1/4" DEPTH ON BRIDGE DECK |
| 6.                           | MILL AND PAVE BOTH ROADWAY APPROACHES (ROADWAY ITEM)                     |
| 7.                           | RESEAL EXISTING DECK JOINTS AT BOTH ABUTMENTS                            |
| 8.                           | PERFORM CONCRETE REPAIRS, TYPE 2 AT BARRIERS                             |
| 9.                           | REPLACE BRIDGE RAILING IN-KIND ALONG LEFT BARRIER                        |
| 10.                          | PERFORM CONCRETE REPAIRS, TYPE 2 ON DECK UNDERSIDE                       |
| 11.                          | CLEAR BEAM DRAIN HOLES                                                   |
| 12.                          | PERFORM EPOXY INJECTION CRACK SEALING AT BOTH ABUTMENTS                  |
| 13.                          | APPLY EPOXY RESIN COATING AT BEAM ENDS                                   |
| 14.                          | PLACE ROCK PROTECTION ALONG WINGWALLS C & D                              |

**HORIZONTAL CURVE DATA:** **VERTICAL CURVE DATA:**

SR 2043 SR 2043  
MATCH EXISTING HORIZONTAL GEOMETRY MATCH EXISTING VERTICAL GEOMETRY

**LEGEND:**

- ➔ TRAFFIC DIRECTION
- \* BASED ON INFORMATION PROVIDED ON EXISTING PLANS (S-9718). VERIFY IN THE FIELD.
- \*\* BASED ON 2019 INSPECTION REPORT
- LIMITS OF SCARIFICATION, HYDRODEMOLITION, AND LATEX MODIFIED CONCRETE WEARING SURFACE, 1/4" DEPTH

**NOTES:**

- LMC TO BE USED AS A PATCHING MATERIAL SIMULTANEOUSLY WITH OVERLAY OPERATION IN ACCORDANCE WITH PUBLICATION 408, SECTION 1040(F) AND SPECIAL PROVISIONS.

| Mark      | Description | By | Chk'd | Rec'd | Date |
|-----------|-------------|----|-------|-------|------|
| REVISIONS |             |    |       |       |      |

S.R. 2043 PREVIOUSLY KNOWN AS L.R. 09007-1  
BMS STR ID: 09-2043-0010-2684 MPMS/ECMS PROJ: 113813 BRKEY: 7277

| COMMONWEALTH OF PENNSYLVANIA                                         |                                      |
|----------------------------------------------------------------------|--------------------------------------|
| DEPARTMENT OF TRANSPORTATION                                         |                                      |
| BUCKS COUNTY                                                         |                                      |
| SR 2043 SECTION HB1                                                  |                                      |
| SEGMENT 0010 OFFSET 2684                                             |                                      |
| S.R. 2043 (TREVOSSE ROAD) STA. 27+64.37                              |                                      |
| OVER POQUESSING CREEK                                                |                                      |
| REHABILITATION OF SINGLE SPAN CONC. COMP. P/S SPREAD BOX BEAM BRIDGE |                                      |
| GENERAL PLAN & ELEVATION                                             |                                      |
| RECOMMENDED                                                          | SHEET 1 OF 3<br>+ SUPPLEMENTAL DWGS. |
| DISTRICT 6-0 BRIDGE ENGINEER                                         | S-XXXXX                              |

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

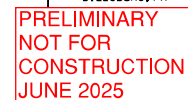
**PRELIMINARY  
NOT FOR CONSTRUCTION  
JUNE 2025**

\_\_\_\_\_, 2020

|                                             |          |            |
|---------------------------------------------|----------|------------|
| REINFORCEMENT BAR FABRICATION DETAILS       | BC-736M  | 1-31-19    |
| 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    |
| DESCRIPTION                                 | DWG. NO. | REC'D DATE |

**SUPPLEMENTAL DRAWINGS**

| LOWER SOUTHAMPTON AND BENSALAM TOWNSHIPS |           |      |    |
|------------------------------------------|-----------|------|----|
| REVISION<br>NUMBER                       | REVISIONS | DATE | BY |
|                                          |           |      |    |
|                                          |           |      |    |



PREPARED BY:  
NTM ENGINEERING, INC.  
DILLSBURG, PA