



PRELIMINARY
NOT FOR CONSTRUCTION
JUNE 2025

_____, 2020

SHEET NUMBER	TITLE
1	GENERAL PLAN & ELEVATION
2	TYPICAL SECTIONS & LOAD RATINGS
3	GENERAL NOTES

1. PERFORM 1/4" SCARIFICATION OF THE EXISTING BRIDGE DECK
2. PERFORM HYDRODEMOLITION OF THE EXISTING BRIDGE DECK
3. PLACE LATEX MODIFIED CONCRETE WEARING SURFACE, 1 1/4" DEPTH ON BRIDGE DECK
4. MILL AND PAVE BOTH ROADWAY APPROACHES (ROADWAY ITEM)
5. RESEAL EXISTING DECK JOINTS AT BOTH ABUTMENTS
6. PERFORM CONCRETE REPAIRS, TYPE 2 ON ABUTMENTS AND WINGWALLS
7. PERFORM EPOXY INJECTION CRACK SEALING ON ABUTMENTS AND WINGWALLS

SR 1002 SR 1002
MATCH EXISTING HORIZONTAL GEOMETRY MATCH EXISTING VERTICAL GEOMETRY

TRAFFIC DIRECTION

* BASED ON INFORMATION PROVIDED ON EXISTING PLANS (S-8828)
AND FIELD VISIT. VERIFY IN THE FIELD.

** BASED ON 2018 INSPECTION REPORT

LIMITS OF SCARIFICATION, HYDRODEMOLITION, AND LATEX
MODIFIED CONCRETE WEARING SURFACE: 1/4" DEPTH

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

REVISIONS

S.R.1002 PREVIOUSLY KNOWN AS L.R.15132-4
BMS STR ID:15-1002-0050-1323 MPMS/ECMS PROJ:113813 BRKEY:10295

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF TRANSPORTATION

CHESTER COUNTY

SR 1002 SECTION HB1
SEGMENT 0050 OFFSET 1323

S.R. 1002 (SWEDSFORD ROAD) STA. 35+38.08
OVER CHESTER VALLEY TRAIL (ABANDONED CONRAIL)

GENERAL PLAN & ELEVATION

RECOMMENDED _____	SHEET <u>1</u> OF <u>3</u> + SUPPLEMENTAL DWGS.
DISTRICT 6-0 BRIDGE ENGINEER _____	S-XXXXXX

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

FILE NAME: p:\gfm\p-w\gfm\p-w-01\Documents\Projects\62315_Group 1\OUTPUT\COMP_14 - SR1002 Swedesford Road\Group X\Gannett Fleming\ROAD\LOT\SR1002-P.dgn
DATE: 12/26/2024

NOTES:

MATCH PROPOSED DECK ELEVATION WITH PROPOSED OVERLAY.
INFORMATION SHOWN ON THIS PLAN IS NOT BASED ON SURVEY.

DIMENSIONS AND GEOMETRY ARE APPROXIMATE AND ARE BASED ON RECORD PLANS.

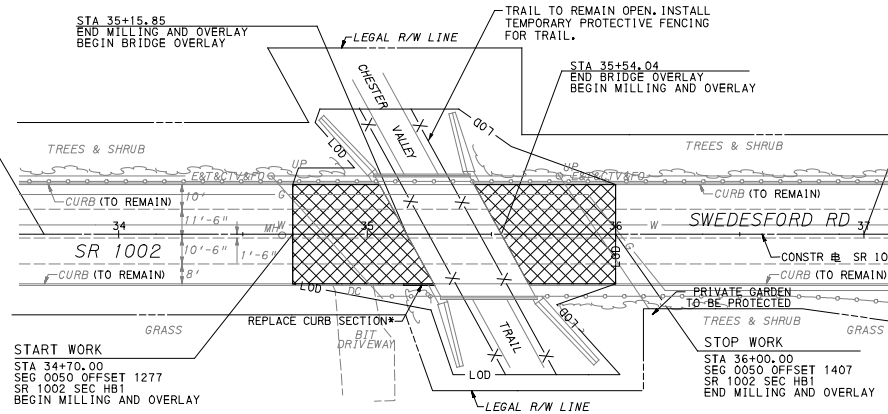
VERIFY ALL DIMENSIONS IN THE FIELD AS NECESSARY FOR THE PROPOSED REHABILITATION.

NORTH ARROW ORIENTATION SET TO MATCH BRIDGE PLANS.

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	CHESTER	1002	HB1	7 OF 12
EAST WHITELAND TOWNSHIP				
REVISION NUMBER	REVISIONS			DATE BY

LIMIT OF WORK

STA 33+70.00
SEG 0050 OFFSET 1177
SR 1002 SEC HB1
EAST WHITELAND TOWNSHIP
CHESTER COUNTY



LIMIT OF WORK

STA 37+00.00
SEG 0050 OFFSET 1507
SR 1002 SEC HB1
EAST WHITELAND TOWNSHIP
CHESTER COUNTY

LEGEND



VARIABLE DEPTH MILLING 1-1/2" TO 1/4"
AND OVERLAY 1-1/2" DEPTH
(SEE PAVEMENT TRANSITION DETAIL)

- CTV — COMCAST CABLE (AERIAL LINE)
- E — PECO ENERGY (AERIAL LINE)
- T — VERIZON PENNSYLVANIA LLC (AERIAL LINE)
- FO — PENNDOT (FIBER OPTIC) (AERIAL LINE)
- G — PECO ENERGY (ATTACHED TO BRIDGE)
- S — AQUA PENNSYLVANIA INC (ATTACHED TO BRIDGE)

ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "D" (QL-D) UNLESS OTHERWISE NOTED.

* WORK TO BE PERFORMED FROM BACKSIDE OF CURB, DO NOT DISTURB EXISTING PAVEMENT SECTION.

EXISTING STRUCTURE DATA
STA: 35+38.08
SINGLE SPAN COMPOSITE PRESTRESSED CONCRETE SPREAD BOX BEAM
SPAN 1: 36'-5 13/16"
CLEARANCE: 22'-7 1/2"
SKEW: 61°17'53"
CLEAR RDWY WIDTH: 40'-0"
STRUCTURE #: S-8828

PROPOSED STRUCTURE DATA
STA: 35+38.08
SINGLE SPAN COMPOSITE PRESTRESSED CONCRETE SPREAD BOX BEAM
SPAN 1: 36'-5 13/16"
CLEARANCE: 22'-7 1/2"
SKEW: 61°17'53"
CLEAR RDWY WIDTH: 40'-0"
STRUCTURE #: S-39663
RECOMMENDED:

SCALE
0 25 50 FEET

SR 1002
ROADWAY PLAN

PREPARED BY:
GANNETT FLEMING, INC.
AUDUBON, PA

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NOT FOR
CONSTRUCTION
JUNE 2025