

**TEST BORING LOCATIONS**

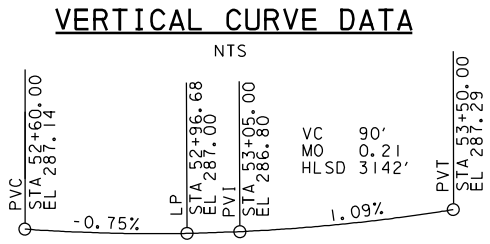
BORING	STATION	OFFSET
B-1	52+76	2' LT
B-2	53+32	2' LT
B-3	53+23	4' RT

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION	REV	DATE
1	GENERAL PLAN AND ELEVATION	0	
2	GENERAL NOTES	0	
3	TYPICAL SECTION, NOTES & DECK ELEVATIONS	0	
4	STAKE-OUT PLAN	0	
5	ABUTMENT 1 AND 2 PLAN AND PILE PLAN	0	
6	ABUTMENT ELEVATION	0	
7	ABUTMENT SECTIONS	0	
8	ABUTMENT 1 AND 2 WINGWALLS	0	
9	ABUTMENT STANDARD DETAILS	0	
10	FRAMING PLAN, TABLES AND RATINGS	0	
11	BOX BEAM ELEVATION AND SECTIONS	0	
12	BEAM DETAILS	0	
13	DECK PAVING PLAN AND SECTION	0	
14	STRUCTURE BORINGS	0	
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**HORIZONTAL CURVE DATA**

CONSTR SR 2002  
 PI STA 52+49.17  
 $\Delta = 2^\circ 39' 20''$  RT  
 $T = 57.95'$   
 $L = 115.87'$   
 $R = 2500'$   
 $E = 0.67'$   
 PC STA 51+91.23  
 PT STA 53+07.10  
 SUPERELEVATE 2.2%  
 DESIGN SPEED 35 MPH



**HYDRAULIC DATA**

**REYNOLDS RUN**

RETURN PERIOD - 10 YR FLOOD  
 WATER SURFACE EL = 281.69  
 $Q = 797$  CFS  
 $V = 8.09$  FPS

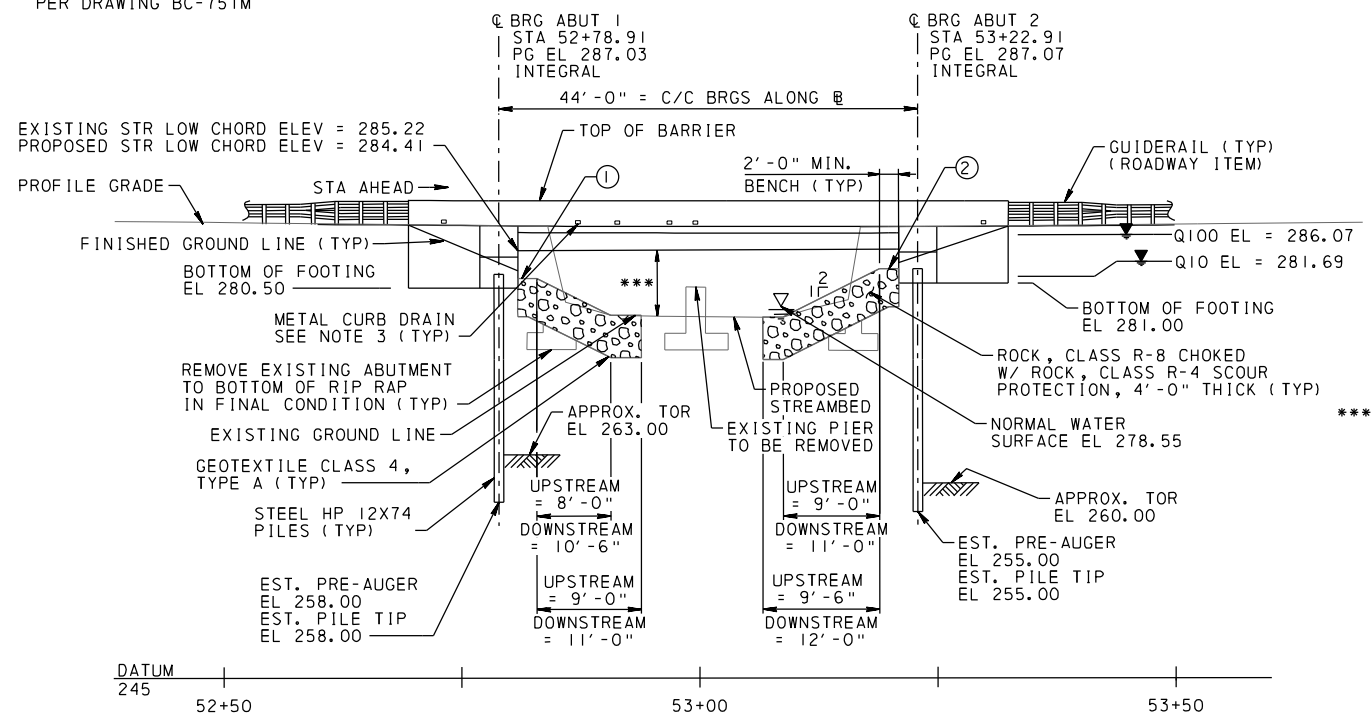
RETURN PERIOD - 100 YR FLOOD  
 WATER SURFACE EL = 286.07  
 $Q = 1860$  CFS  
 $V = 6.38$  FPS

DRAINAGE AREA 2.29 SQ. MILES  
 WATERWAY OPENING 218.00 SQ. FEET

FLOOD OF RECORD - UNKNOWN  
 WATER SURFACE ELEVATION (FLOOD) - UNKNOWN

- LEGEND:**
- SOIL BORING
  - INDICATES TRAFFIC DIRECTION
  - EXISTING CONTOURS
  - PROPOSED CONTOURS
- NOTES:**
- FOR GENERAL NOTES, SEE SHEET 2 & SHEET 3.
  - FOR TYPICAL CROSS SECTION, SEE SHEET 3.
  - FOR METAL CURB DRAIN DETAILS, SEE BC-751M

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



DESCRIPTION	DWG. NO.	APP. DATE
RBWP CONCRETE VERTICAL WALL BRIDGE BARRIER STANDARD	PWKP-060	11-30-15
RBWP VERTICAL WALL BRIDGE BARRIER AESTHETIC DETAILS STANDARD	PWKP-061	08-17-15
THREE-BEAM TO VERTICAL WALL BRIDGE BARRIER	BC-703M	05-18-12
PERMANENT METAL DECK FORMS	BC-732M	10-26-10
ANCHOR SYSTEMS	BC-734M	10-26-10
WALL CONSTRUCTION & EXPANSION JOINT DETAILS	BC-735M	10-26-10
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	05-18-12
BRIDGE DRAINAGE	BC-751M	11-26-13
CONCRETE DECK SLAB DETAILS	BC-752M	11-26-13
BEARINGS	BC-755M	11-26-13
STEEL PILE TIP REINFORCEMENTS & SPLICES	BC-757M	11-26-13
MISCELLANEOUS PRESTRESS DETAILS	BC-775M	11-26-13
TYPICAL WATERPROOFING AND EXPANSION DETAILS	BC-788M	5-18-12

PREPARED BY:

**HDR**

HDR ENGINEERING, INC.  
 11 STANWIX STREET  
 SUITE 800  
 PITTSBURGH, PA 15222

SIGNATURE & DATE \_\_\_\_\_

JV 273 | BRIDGE KEY 21514 | BMS 36200200602329 | MPMS 91324

**COMMONWEALTH OF PENNSYLVANIA**  
 DEPARTMENT OF TRANSPORTATION

**LANCASTER COUNTY**  
 S.R. 2002 SECTION 000  
 SEGMENT 0066 OFFSET 0000  
 S.R. 2002 STA. 53+00.91  
 OVER REYNOLDS RUN  
 I-SPAN COMP P/S CONC SPREAD BOX BEAM  
**GENERAL PLAN AND ELEVATION**

RECOMMENDED \_\_\_\_\_

SHEET 1 OF 16

S-35112

USER: JGATTI | PLOT: DRIVERS PERM001.PDF - Macro.plt | PLOT DATE: 07-15-2016 4:45:45 PM  
 PATH: C:\CONTR\4634\00000000255955\6.0.CAD\BIM\6.2.Wrk\in\p\p\00000000255955\6.2.2.Cmtr\001.F11.txd  
 FILE: 01 - GENERAL PLAN AND ELEVATION | MODEL3Sheet Model