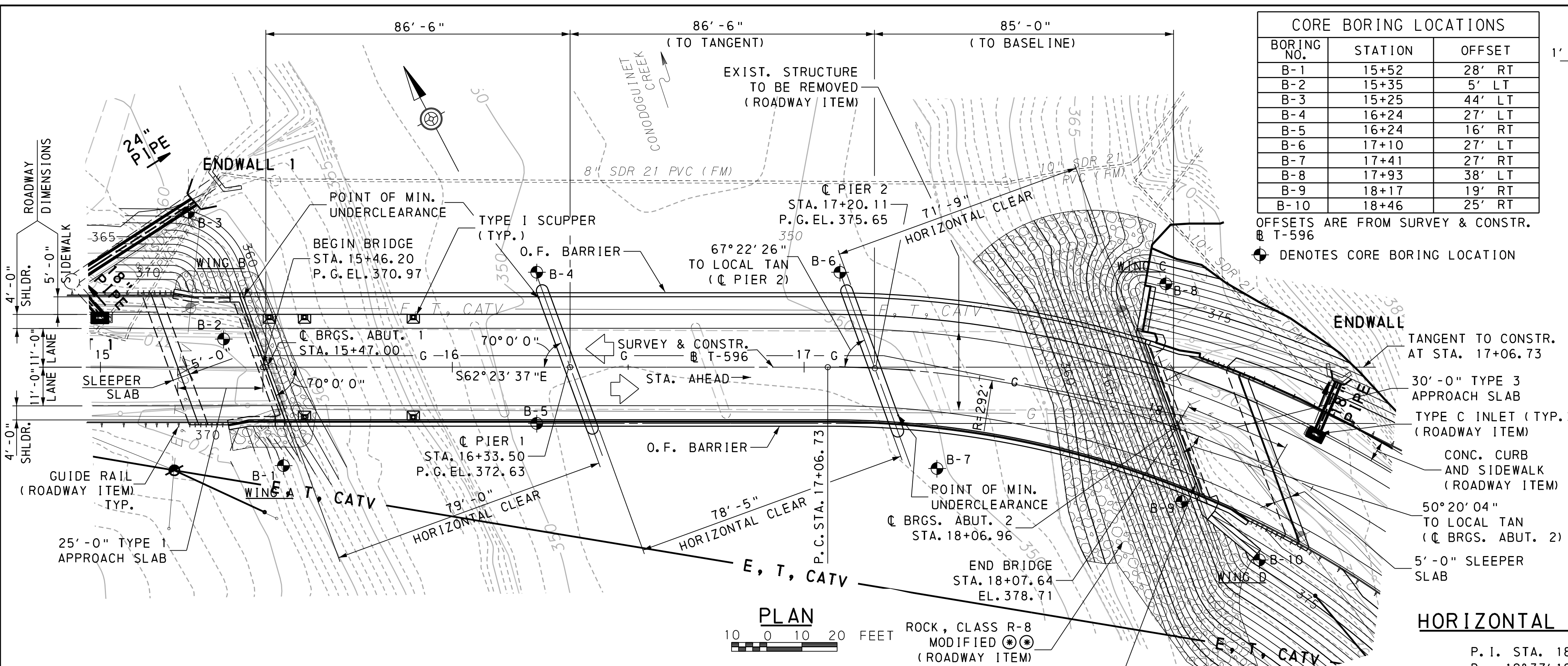
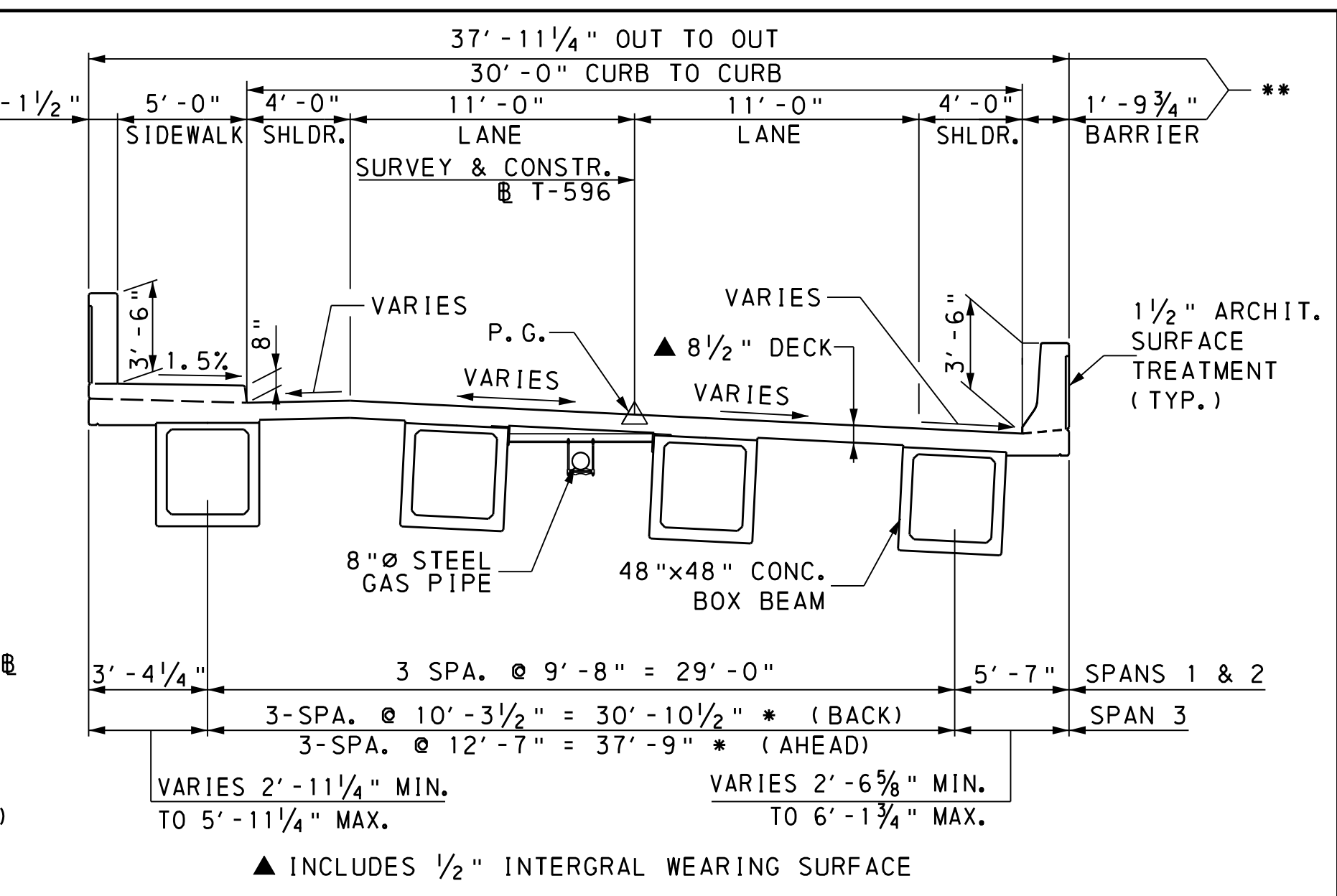


FILE NAME: P:\0044\00440_0458\micr\station\BRIDGE\01-B04440458GCP.dgn
 PLOTTED: 10/10/2018 11:26:03 PM gmi\lckovic
 PEN TABLE: files\cote_user.tbl
 PLOT DRIVER: R:\micr\station\bridge\pdf_bw_full.pltcf9



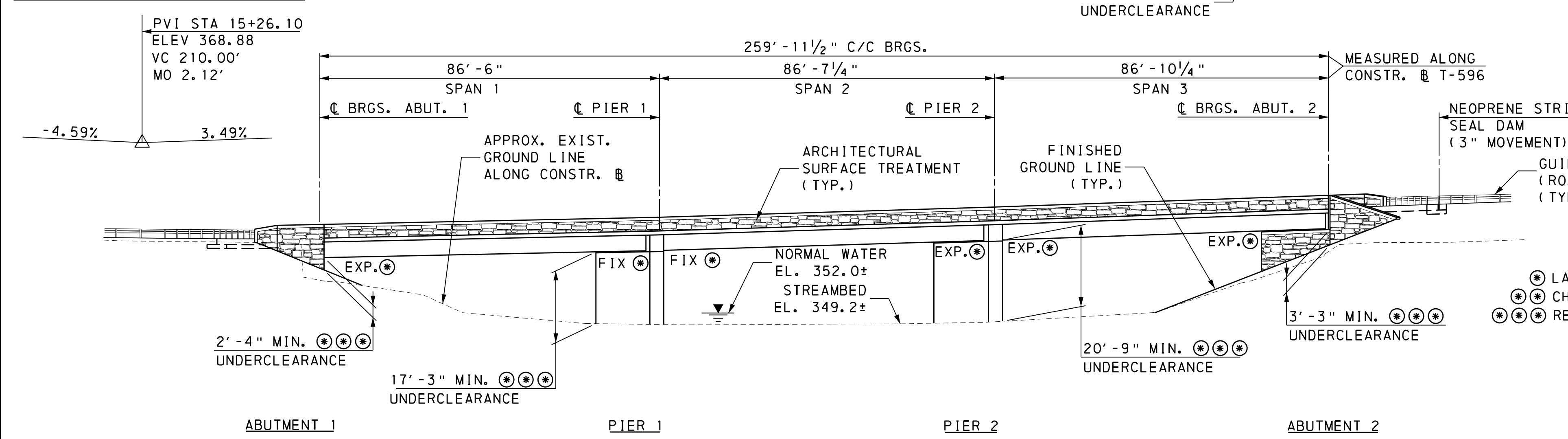
CORE BORING LOCATIONS		
BORING NO.	STATION	OFFSET
B-1	15+52	28' RT
B-2	15+35	5' LT
B-3	15+25	44' LT
B-4	16+24	27' LT
B-5	16+24	16' RT
B-6	17+10	27' LT
B-7	17+41	27' RT
B-8	17+93	38' LT
B-9	18+17	19' RT
B-10	18+46	25' RT

OFFSETS ARE FROM SURVEY & CONSTR. @ T-596
 ● DENOTES CORE BORING LOCATION



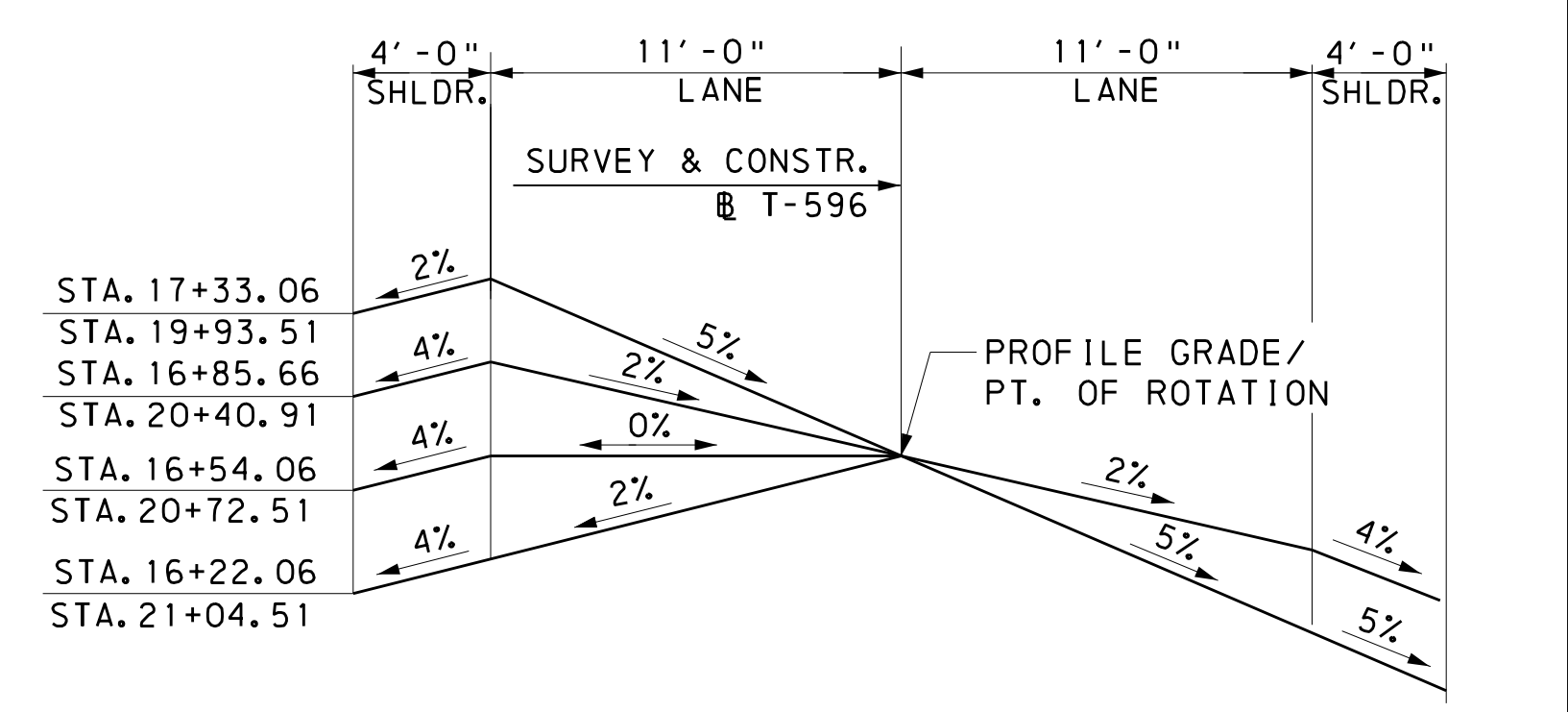
TYPICAL SECTION * MEASURED ALONG C BRG.
 ** MEASURED RADIALLY BETWEEN STA. 17+06.73 TO STA. 18+07.64

VERTICAL CURVE DATA



HORIZONTAL CURVE DATA

P.I. STA. 18+80.24
 D = 19° 37' 19"
 Δ = 61° 26' 17" RT
 R = 292.00'
 T = 173.51'
 L = 313.11'
 E = 47.66'
 SE = 5.0%



SUPERELEVATION TRANSITION DIAGRAM

DATUM: 310

ELEVATION
 10 0 10 20 FEET

HYDRAULIC DATA

DRAINAGE AREA = 467 SQ. MI.
 DESIGN FLOOD:
 FREQUENCY = 10 YEARS
 MAGNITUDE = 13,170 CFS
 VELOCITY = 6.64 FPS
 ELEVATION = 360.56
 100 YR. FLOOD:
 MAGNITUDE = 24,360 CFS
 VELOCITY = 9.82 FPS
 ELEVATION = 362.96
 FLOOD OF RECORD: N/A

PREPARED BY
 HERBERT, ROWLAND AND GRUBIC INC.
 369 EAST PARK DRIVE
 HARRISBURG, PA 17111

DESCRIPTION	DWG. NO.	DATE
UTILITY ATTACHMENT & SUPPORT DETAILS, PRESTRESSED BRIDGES	BC-794M	9/30/16
TYPICAL WATERPROOFING & EXPANSION DETAILS	BC-788M	9/30/16
MISCELLANEOUS PRESTRESS DETAILS	BC-775M	9/30/16
NEOPRENE STRIP SEAL DAM FOR PRESTRESSED CONCRETE & STEEL I-BEAM BRIDGES	BC-767M	9/30/16
BEARINGS	BC-755M	9/30/16
CONCRETE DECK SLAB DETAILS	BC-752M	9/30/16
BRIDGE DRAINAGE	BC-751M	9/30/16
BRIDGE BARRIER TO GUIDE RAIL TRANSITION	BC-739M	8/4/17
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	9/30/16
WALL CONSTRUCTION & EXPANSION JOINT DETAILS	BC-735M	9/30/16
STANDARD ANCHOR SYSTEMS	BC-734M	8/4/17
PERMANENT METAL DECK FORMS	BC-732M	9/30/16
TYPE 31 STRONG POST GUIDE RAIL	RC-51M	8/4/17
GUIDE RAIL TO BRIDGE BARRIER TRANSITIONS	RC-50M	8/4/17
BACKFILL AT STRUCTURES	RC-12M	9/15/16
CLASSIFICATION OF EARTHWORK FOR STRUCTURES	RC-11M	6/1/10

Mark	Description	By	Chk'd	Recm'd	Date
REVISIONS					

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

**CUMBERLAND COUNTY
 SILVER SPRING TOWNSHIP**

T-596 (SAMPLE BRIDGE ROAD) STA. 16+76.98
 OVER CONODOGUINET CREEK

**THREE SPAN CONT. COMPOSITE PRESTRESSED
 CONCRETE SPREAD BOX BEAM BRIDGE
 GENERAL PLAN**

RECOMMENDED _____ SHEET 1 OF _____
 BRIDGE ENGINEER _____ + SUPPLEMENTAL DRAWINGS
 S-