

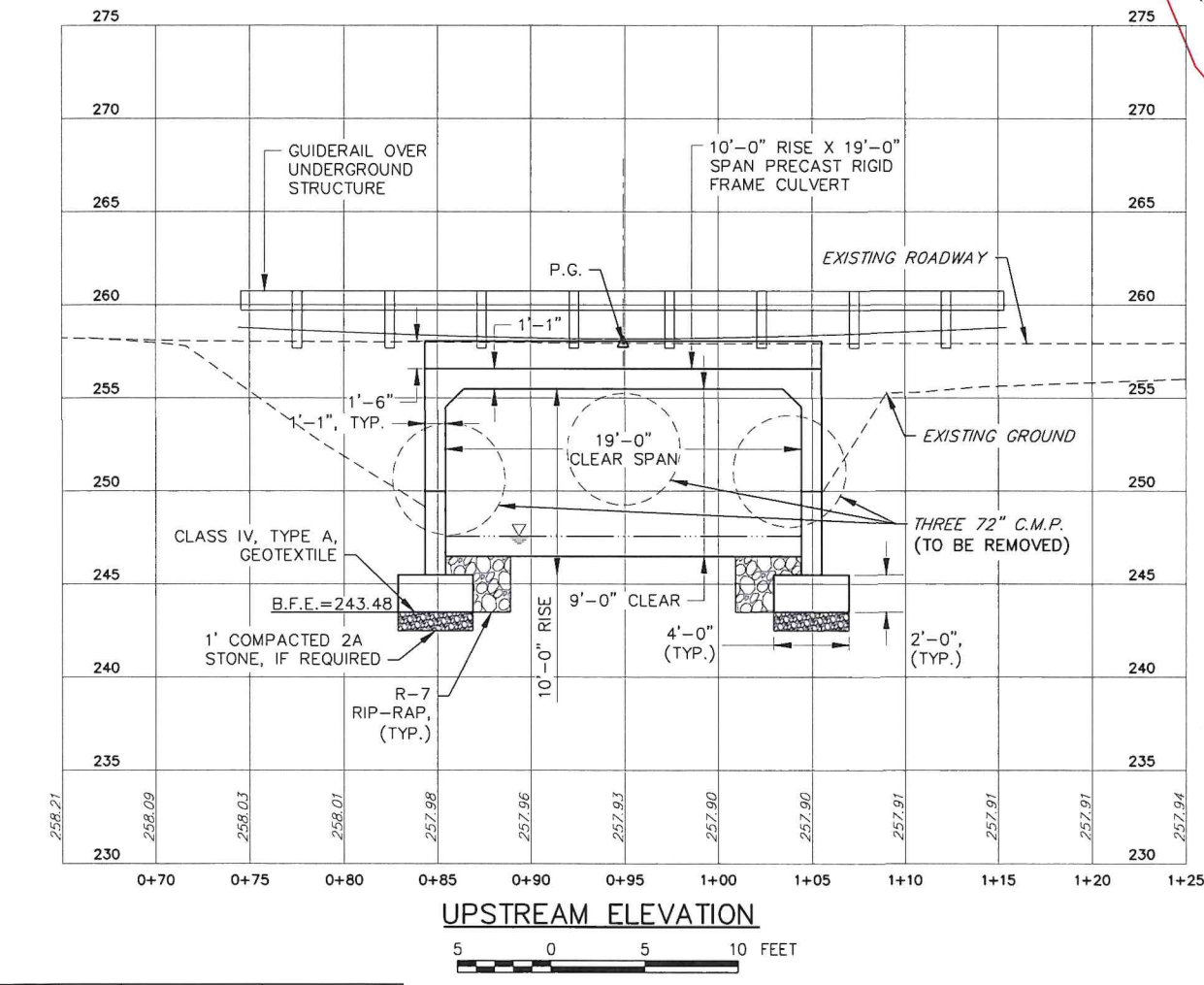
- LEGEND (Existing)**
- SLANT TEXT EXISTING CONDITIONS
 - BLOCK TEXT PROPOSED WORK
 - PROPERTY LINE
 - RIGHT OF WAY LINE
 - CENTERLINE
 - STRUCTURE
 - STONES
 - TREELINE
 - INDEX CONTOUR LINE (5')
 - CONTOUR LINE (1')
 - EDGE OF ROAD
 - STORM SEWER
 - EDGE OF STREAM
 - FLOODWAY
 - FLOODPLAIN
 - GUIDERAIL
 - OVERHEAD ELECTRIC & TELEPHONE LINE
 - WATER LINE
- LEGEND (PROPOSED)**
- CONTOUR LINE
 - CONTOUR LINE INDEX
 - STRUCTURE

EXISTING STRUCTURE DATA

STA.=0+94.93
 TYPE=THREE CELL METAL PIPE CULVERT
 SPAN=6'-0" (EACH CELL)
 UNDER CLEARANCE=6'-0"
 CLEAR ROAD WIDTH=23'-6"

HORIZONTAL ALIGNMENT DATA

PI STA. 0+82.38 N 41°13'38" E
 NO CURVE
 Δ = 0° 03'14" RT



PROPOSED STRUCTURE DATA

STA.=0+94.93
 TYPE=PRECAST CONCRETE RIGID FRAME
 SPAN=19'-0" CLEAR SPAN
 UNDER CLEARANCE=9'-0"
 SKEW=90°
 CLEAR ROAD WIDTH=TBD

DESIGN DATA

HIGHWAY CLASSIFICATION: LOCAL, RURAL
 CURRENT ADT = 400 (2021, ESTIMATED)
 DESIGN YEAR ADT = 400 (2041)
 TRUCK PERCENTAGE = 5% (ASSUMED)
 STOPPING SIGHT DISTANCE = 140 FT
 CURRENT SPEED = 35 MPH
 DESIGN SPEED = 35 MPH
 CRITERIA USED: PennDOT - DESIGN MANUAL 2 (MARCH 2015 EDITION, CHANGE NO. 3)
 AASHTO - A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS (2011 EDITION)

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REG. PROF. ENGINEER
 DATE

Mark	Description	By	Chk'd.	Recm'd	Date
1	Concept based upon CDP conversation	aps			5/17/23

REVISIONS

BMS STR ID: N/A MPMS/ECMS PROJECT: N/A BRKEY: N/A

HELLAM TOWNSHIP

BRIDGE REPLACEMENT
 T-783 (RIVER DRIVE)
 OVER TRIBUTARY TO SUSQUEHANNA RIVER
PLAN AND ELEVATION VIEW
 CONCEPTUAL TYPE, SIZE & LOCATION

HELLAM TOWNSHIP

SHEET 1 OF 3