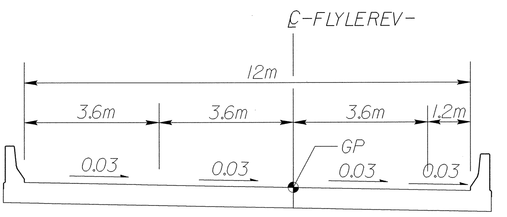
STRUCTURE TYPICAL SECTIONS

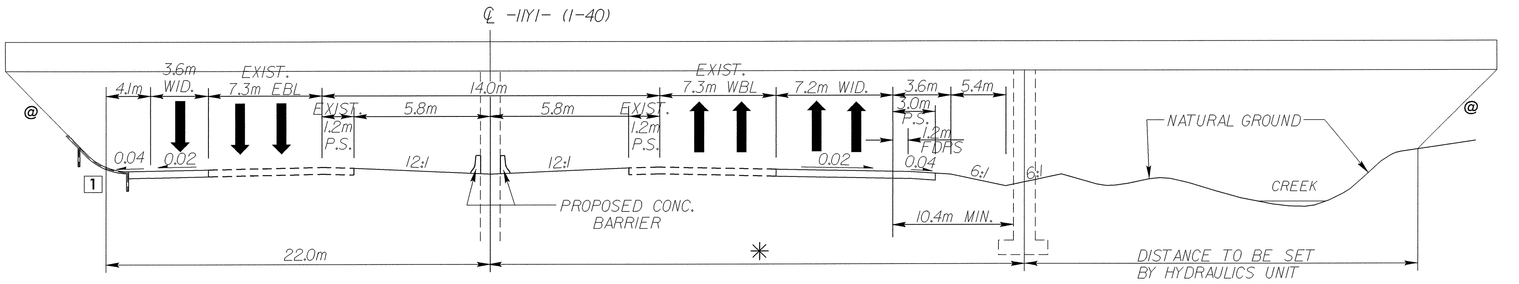
-FLYLEREV- STRUCTURE

-FLYLEREV- OVER I-40

DESIGN DATA -FLYLEREV-
ADT 2005 = 19,400
ADT 2025 = 27,000
D = 65%
DHV = 13%
TTST = 14%
DUAL = 6%
V = 100 km/h
FUNC CLASS-RAMP
MINIMUM VERTICAL CLEARANCE = 5.1 m
✳ HORIZONTAL DISTANCE TO BE DETERMINED BY STRUCTURE DESIGN UNIT
@ SLOPES DETERMINED BY GEOTECHNICAL ENGINEERING UNIT
1 SEE STD. 610.03



TYPICAL SECTION ON STRUCTURE

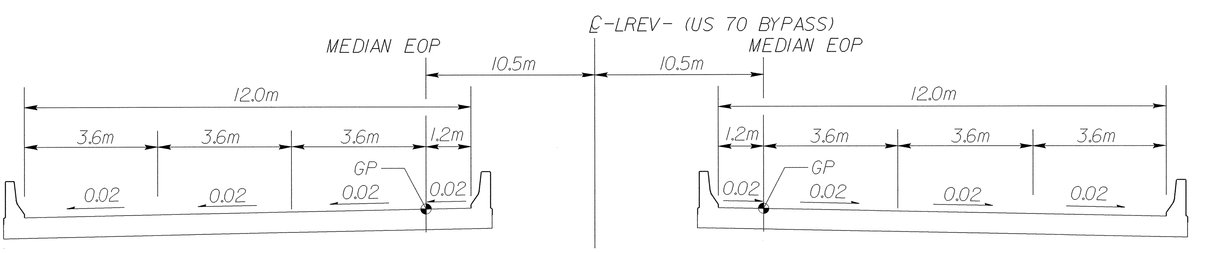


TYPICAL SECTION ON ROADWAY UNDER STRUCTURE

-LREV- STRUCTURES

-LREV- OVER UNNAMED TRIBUTARY TO SWIFT CREEK

DESIGN DATA -LREV-
ADT 2005 = 40,800
ADT 2025 = 58,700
D = 65%
DHV = 10%
TTST = 10%
DUAL = 6%
V = 110 km/h
FUNC CLASS-FREEWAY

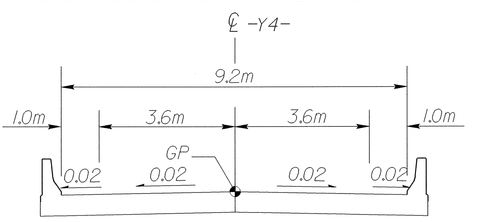


TYPICAL SECTION ON STRUCTURES

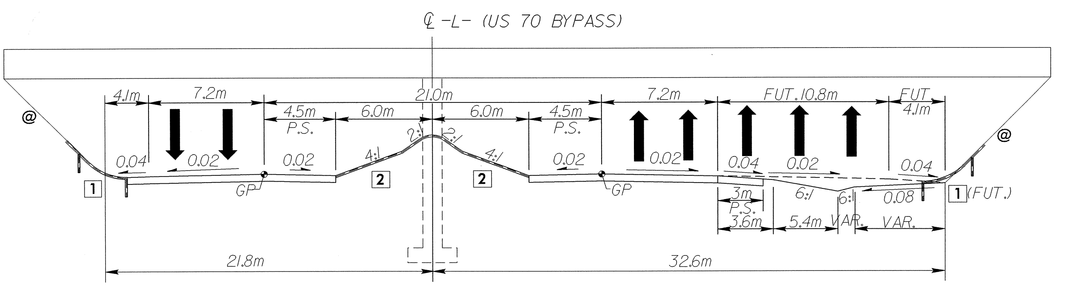
-Y4- STRUCTURE

SR 1525 (CORNWALLIS RD.) OVER US70 (CLAYTON BYPASS)

DESIGN DATA -Y4-
ADT 2005 = 1,500
ADT 2025 = 3,000
D = 60%
DHV = 10%
TTST = 1%
DUAL = 1%
V = 80 km/h
FUNC CLASS-COLLECTOR
MINIMUM VERTICAL CLEARANCE = 5.1 m
@ SLOPES DETERMINED BY GEOTECHNICAL ENGINEERING UNIT
1 SEE STD. 610.03
2 SEE STD. 225.08



TYPICAL SECTION ON STRUCTURE



TYPICAL SECTION ON ROADWAY UNDER STRUCTURE

METRIC

PROJECT REFERENCE NO. R-2552A4
R/W SHEET NO.
ROADWAY DESIGN ENGINEER
SHEET NO. 2-H

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 21965 MILFORD WILLIAM WILSON