



MECHANICS VALLEY ROAD
 PROFILE OPTION 2
 SCALE:
 H: 1"=50'
 V: 1"=5'
 VERTICAL EXAGGERATION OF 10

DESIGN PARAMETERS
 DESIGN SPEED = 40 MPH
 AASHTO STOPPING SIGHT DISTANCE = 305'
 DESIGN STOPPING SIGHT DISTANCE = 312'
 EXISTING VERTICAL DESIGN SPEED = 30 MPH
 (EX. K=18.75 - AASHTO K=19 FOR 30 MPH)
 DESIGN VERTICAL BRIDGE UNDER CLEARANCE = 23.0'
 DESIGN BRIDGE STRUCTURE DEPTH = 5.0'

REPLACEMENT OF CECIL COUNTY
 BRIDGE CE0042,
 MECHANICS VALLEY ROAD
 OVER CSX
 PROFILE OPTION 2
 MECHANICS VALLEY ROAD

