DATE: 10/04/16

DESIGN PARAMETERS

DESIGN BRIDGE STRUCTURE DEPTH = 5.0'

DESIGN VERTICAL BRIDGE UNDER CLEARANCE = 23.0'

(EX. K=18.75 - AASHTO K=19 FOR 30 MPH)

EXISTING VERTICAL DESIGN SPEED = 30 MPH

DESIGN STOPPING SIGHT DISTANCE = 309'

AASHTO STOPPING SIGHT DISTANCE = 305'

DESIGN SPEED = 40 MPH

PROFILE OPTION 3

MECHANICS VALLEY RD/BOUCHELLE RD

VERTICAL EXAGGERATION OF 10

V: 1"=5'

H: 1"=50'

SCALE:

OVER CSX

MECHANICS VALLEY ROAD

BRIDGE CE0042,

REPLACEMENT OF CECIL COUNTY

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WHITNEY BAILEY COX & MAGNANI, LLC