

RAMP E



PROPOSED BRIDGE B EXTENSION
 STA. 65+34.76
 RC BOX EXTENSION
 (4 - 5'X4')
 TOTAL LENGTH= 114'
 RDWY OT ELEV.= 1131.18
 RDWY OT STA.= 66+44.98

SEE SHEET 54
 FOR STR. 15

SEE SHEET 47
 FOR STR. 21, 22 & 23

FINISHED
 GRADE
 RAMP E

EXISTING GRADE
 RAMP E

EXISTING BRIDGE
 @ STA. 65+34.76
 (4 - 5'X2')
 TOTAL LENGTH= 220'
 RDWY OT ELEV.= 1131.18
 RDWY OT STA.= 66+44.98

SEE SHEET 44
 FOR STR. 25

SEE SHEET 54
 FOR STR. 20

BRIDGE B
 STA. 65+34.76
 CONST. 4-5'X4'X124'
 RC BOX EXTENSION
 F EL=1123.86
 F EL=1123.49

VARIABLE GRADE
 SEE SPOT ELEVATIONS
 SHEET 81

BM#43 CHISELED SQUARE
 S.E. COR. S. HDWL
 STA. 396+43, 27' RT.
 EL. 1134.97

BM#44 2" ALUM. CAP
 END OF OVERPASS I-44
 EL. 1144.60

BM#45 TOP OF STEM, H.A.R.N. MON.
 TWO & ODOT MON. NO. C-16-1081
 = BM#3 SWO 3748(1) I-44
 STA. 70+72, 192' LT.
 EL. 1140.31

SEE SHEETS 37 - 38
 FOR PLAN

SEE SHEETS 145
 FOR BRIDGE B GP&E

HYDRAULIC DATA BRIDGE "B"			
(ULTIMATE CONDITION)			
D.A.	= 0.06sq.mi.	Q25	= 161 cfs
QOT > Q500	= 286 cfs	V25	= 7.02 fps
V500	= 8.38 fps	Q25 HW	= 1129.08
Q500 HW	= 1130.40	Q50	= 184 cfs
Q2	= 71 cfs	V50	= 7.33 fps
V2	= 5.34 fps	Q50 HW	= 1129.27
Q2 HW	= 1128.25	Q100	= 208 cfs
Q5	= 107 cfs	V100	= 7.62 fps
V5	= 6.17 fps	Q100 HW	= 1129.47
Q5 HW	= 1128.59		
Q10	= 129 cfs		
V10	= 6.56 fps		
Q10 HW	= 1128.80		

SCALE:
 HORIZ.: 1"=50'
 VERT.: 1"=5'

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