
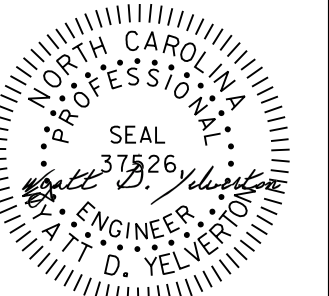


PROJECT REFERENCE NO. <b>U-2579AB</b>		SHEET NO. <b>20</b>	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
10/14/2021		10/13/2021	

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

**HDR** HDR Engineering, Inc. of the Carolinas  
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601  
N.C.B.E.L.S. License Number: F-0116



**-YISREV- (RELOCATED I-40 BYPASS)**

Sta. 69+22.62	Sta. 74+07.12	Sta. 78+99.20
Es = 0.32 0.72	Es = 0.32 0.72	Es = 0.32 0.72
Ls = 200.00	Ls = 200.00	Ls = 200.00
LT = 133.33	LT = 133.33	LT = 133.33
ST = 66.67	ST = 66.67	ST = 66.67
INC = 100.00	INC = 100.00	INC = 100.00

**-YISFLYC- (FLYOVER)**

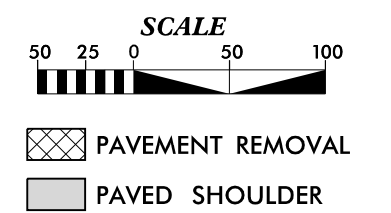
Sta. 07+80.65	Sta. 21+80.40	Sta. 54+77.32
Es = 4.26 43.3	Es = 1.52 42.8	Es = 82.37 38.4
Ls = 360.00	Ls = 240.00	Ls = 131.50
LT = 240.00	LT = 160.00	LT = 52.78
ST = 80.00	ST = 80.00	ST = 3.26
INC = 60.00	INC = 60.00	INC = 3.66

**-YISFLYB- (FLYOVER)**

Sta. 75+77.52	Sta. 85+77.52	Sta. 95+95.95	Sta. 23+16.47
Es = 3.02 54.7	Es = 3.02 54.7	Es = 3.02 54.7	Es = 10.08 28.7
Ls = 300.00	Ls = 240.00	Ls = 300.00	Ls = 480.00
LT = 200.00	LT = 140.00	LT = 200.00	LT = 320.00
ST = 100.00	ST = 70.00	ST = 100.00	ST = 160.00
INC = 60.00	INC = 60.00	INC = 60.00	INC = 60.00

**-YISRPRA- (RAMP)**

Sta. 10+97.14	Sta. 12+85.91	Sta. 38+99.44	Sta. 49+32.54
Es = 24.55 37.0	Es = 27.30 01.5	Es = 48.08 45.7	Es = 4.26 43.3
Ls = 300.00	Ls = 143.50	Ls = 154.50	Ls = 240.00
LT = 171.83	LT = 134.00	LT = 103.50	LT = 120.00
R = 320.00	R = 300.00	R = 215.00	R = 600.00
SE = 02	SE = 06	SE = 06	SE = 04



NOTES:  
SEE SHEETS 49 AND 50 FOR -YISREV- PROFILE  
SEE SHEETS 52 AND 53 FOR -YISFLYC- PROFILE  
SEE SHEETS 57 AND 58 FOR -YISFLYB- PROFILE  
SEE SHEET 65 FOR -YISRPRA- PROFILE  
SEE SHEETS 65 AND 66 FOR -YISRPDR- PROFILE  
SEE SHEET 28-B FOR MEDIAN CROSSOVER  
DESIGN AND TRAFFIC MAINTENANCE  
SEE SHEETS 28-A THRU 28-F FOR NW1516  
NOISEWALL ENVELOPE  
SEE SHEETS 28-A THRU 28-F FOR NW2425  
NOISEWALL ENVELOPE

REVISIONS

PLOT DRIVER: NCDOT\_pshp\_color\_eng\_100.pht  
USER: CHARRIS  
DATE: 10/13/2021  
TIME: 2:03:51 PM  
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