

REVISIONS

-Y5LPB-		-Y5RBP-	
PI Sta 12+21.66 Δs = 37'14.32" D = 22'55'05.9" L = 221.66' T = 112.89' R = 250.00' e = 80.0' DS = 30 MPH	PI Sta 13+68.00 Δs = 19'31'00.3" (RT) D = 38'11'49.9" L = 303.96' T = 240.54' R = 150.00' e = EXIST. DS = 30 MPH	PI Sta 16+50.70 Δs = 165'08'12.2" (RT) D = 38'11'49.9" L = 303.96' T = 240.54' R = 150.00' e = EXIST. DS = 30 MPH	PI Sta 17+79.98 Δs = 35'07'14.4" Ls = 190.00' LT = 129.43' ST = 65.86'
-Y5RBP-		-Y5RPA-	
PI Sta 16+05.78 Δs = 5'04'13.5" D = 200.00' Ls = 133.39' LT = 66.72'	PI Sta 19+08.96 Δs = 13'07'16.4" D = 200.00' Ls = 133.39' LT = 67.00'	PI Sta 21+31.40 Δs = 39'04'33.3" (RT) D = 15'07'18.4" L = 300.00' T = 156.14' R = 440.00' e = EXIST.	PI Sta 23+42.34 Δs = 13'07'16.4" Ls = 200.00' LT = 133.70' ST = 67.00'

PROJECT REFERENCE NO: 1-2513AA/B
SHEET NO: 6

ROADWAY DESIGN ENGINEER: HYDRAULICS ENGINEER

REGISTERED PROFESSIONAL ENGINEER: KCI ENGINEERING, INC. (Professional Seal: 034375)

REGISTERED PROFESSIONAL ENGINEER: KCI ENGINEERING, INC. (Professional Seal: 034325)

DATE: 08/14/2024

PROJECT LOCATION: I-40 SMOKEY PARK HWY

SCALE: AS SHOWN

DATE: 08/14/2024

PROJECT LOCATION: I-40 SMOKEY PARK HWY

SCALE: AS SHOWN

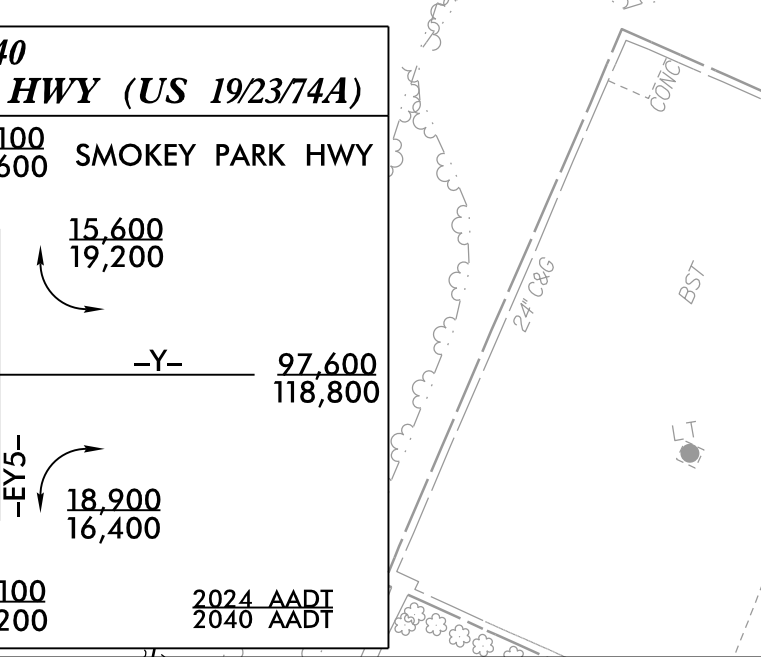
DATE: 08/14/2024

MATCHLINE -Y5RBP- STA 17+00
SEE SHEET 5

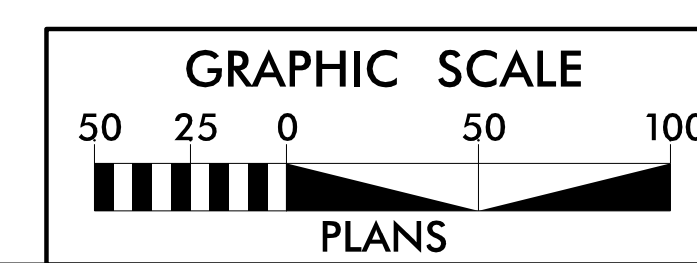
MATCHLINE -Y- STA 39+50
SEE SHEET 5

MATCHLINE -Y5RPC- STA 19+20
SEE SHEET 5

MATCHLINE -Y- STA 63+00 - SEE SHEET 7



-Y5RPC-		-Y5RPA-		-Y5RPD-		-Y-		-BRSSPUR-	
PI Sta 18+80.37 Δs = 2'59'56.7" D = 29'19'36.1" (RT) Ls = 200.00' LT = 112.54' ST = 87.91'	PI Sta 21+98.09 Δs = 29'19'36.1" (RT) D = 6'30'39.2" L = 450.43' T = 230.26' R = 380.000' e = EXIST. DS = 50 MPH	PI Sta 18+02.20 Δs = 4'44'02.6" (LT) D = 0'40'26.6" L = 702.31' T = 225.48' R = 850.000' e = NC DS = 50 MPH	PI Sta 25+63.16 Δs = 29'04'32.1" (RT) D = 7'32'20.1" L = 385.67' T = 197.06' R = 760.000' e = 5.0' RUNOFF = 95.0' DS = 30 MPH	PI Sta 11+67.35 Δs = 19'54'55.8" D = 250.00' Ls = 167.35' LT = 83.95'	PI Sta 13+17.79 Δs = 17'08'03.1" (LT) D = 12'43'56.6" L = 134.57' T = 67.79' R = 450.000' e = 80.0' RUNOFF = SEE PLANS DS = 40 MPH	PI Sta 14+10.22 Δs = 16'13'57.1" D = 15'16'43.9" L = 104.33' T = 50.85' R = 120.0000' e = NC DS = 60 MPH	PI Sta 67+46.87 Δs = 4'58'48.4" (RT) D = 0'28'38.9" L = 104.33' T = 50.85' R = 120.0000' e = NC DS = 60 MPH	PI Sta 11+20.28 Δs = 15'30'46.0" (RT) D = 15'16'43.9" L = 104.33' T = 50.85' R = 120.0000' e = NC DS = 60 MPH	PI Sta 13+28.14 Δs = 23'12'31.4" (LT) D = 10'48'57.9" L = 246.89' T = 108.84' R = 530.000' e = NC DS = 60 MPH



★ REVISED SIGNAL

FOR -Y- LT & RT - PROFILES SEE SHEETS 16 & 17
FOR -Y5RPA- PROFILE SEE SHEET 23
FOR -BRSSPUR- PROFILE SEE SHEET 25
FOR -Y5RPC- PROFILE SEE SHEET 25
FOR DRAINAGE DETAILS SEE SHEET 20-1
FOR -Y5RPA- BRIDGE SEE STRUCTURE PLANS
FOR CULVERT SEE CULVERT PLANS C1

LOCATION: I-40 SMOKEY PARK HWY

TIP NO.: COUNTY:

DESIGNED BY: DATE:

CHECKED BY: DATE: