

CHECK LEVELS				BENCHMARK LIST			NAVD 88 DATUM
BENCHMARK #	RUN 1	RUN 2	MEAN DIFF.	UNADJ. ELEV.	ADJ. ELEV.	PUBLISHED ELEV.	DESCRIPTION
CP 7400						1642.279	ODOT Sta W-75-816 - Set 5/8" Iron Rod with 2" Aluminum Cap stamped "7400" at Station 584+55.5 Offset 57.0' Rt, same being 38'+/- East of East edge of S.H. 44 and 10'+/- North of 45 MPH sign (elevation per RTK observation based on NGS Monument FK0373).
BM 1	-8.896	-8.897	-8.897	1633.833	1633.832		Set out "X" centered on top of concrete headwall at Station 582+87.2 Offset 41.7' Lt, same being 21'+/- West of West edge of S.H. 44 and 98'+/- North of a traffic sign.
BM 2	-13.183	-13.182	-13.182	1620.849	1620.650		Set out "X" centered on top of the North concrete headwall for a culvert at Station 592+23.4 Offset 50.9' Rt, same being 30'+/- East of East edge of S.H. 44 and 22'+/- North of the centerline of a dirt/grass entrance drive.
BM 3	-7.533	-7.531	-7.532	1613.117	1613.118		Set out "X" on top of a concrete wingwall located at the SW corner of the Dry Elk Creek bridge at Station 600+91.0 Offset 17.0' Lt.
BM 4	-6.433	-6.432	-6.433	1606.685	1606.686		Set out "X" on top of a concrete flume East side of S.H. 44 at station 808+68.8 Offset 51.3' Rt, same being 30'+/- East of the East edge of S.H. 44 and 91'+/- North of the South end of the concrete flume.
BM 5	22.358	22.363	22.361	1629.044	1629.046		Set "1/2" Iron Pin with "SRB CP" Cap at Station 618+87.9 Offset 26.3' Rt, same being 5'+/- East of East edge of S.H. 44 and 20'+/- North of the North end of the concrete flume.
BM 6	4.671	4.672	4.672	1633.718	1633.718		Set out "X" centered on top of a concrete headwall at Station 631+96.7 Offset 41.0' Rt, same being 10'+/- East of East edge of S.H. 44 and 10'+/- South of the South edge of pavement for E 1270 Road
CP 7401	-0.563	-0.564	-0.564	1633.155	1633.154	1633.154	ODOT Sta. No. W-75-817 -Set 5/8" Iron rod with 2" Aluminum cap stamped "7401" at Station 635+33.8 Offset 62.7' Lt, same being 40'+/- West of the West edge of S.H. 44 and 315'+/- North of the North concrete headwall lying East of S.H. 44, (elevation per RTK observation based on NGS Monument FK0373).

Project Name: SWO4837_1_V1
Description: SH 44 Bridge Over Dry Elk Creek
Horizontal Alignment Name: A001
Description: SH 44 Bridge over Dry Elk Creek
Style: Centerline

	STATION	EASTING	NORTHING
Element: Linear			
POB (300)	571+00.00	01617044.9289	666230.1743
PC (301)	575+82.29	01617049.7210	666712.4405
Tangent Direction:	N 00°34'09.49" E		
Tangent Length:	482.290		
Element: Circular			
PC (301)	575+82.29	01617049.7210	666712.4405
PI (304)	578+50.70	01617052.3890	666980.8405
CC (302)		01618959.4860	666693.4641
PT (303)	581+15.62	01617128.9927	667228.1080
Radius:	1909.859		
Delta:	16°00'00.00" Right		
Degree of Curvature (Arc):	03°00'00.00"		
Length:	522.323		
Tangent:	266.413		
Chord:	521.602		
Middle Ordinate:	018.587		
External:	018.769		
Tangent Direction:	N 00°34'09.49" E		
Radial Direction:	S 89°25'50.51" E		
Chord Direction:	N 08°04'09.49" E		
Radial Direction:	S 73°25'50.51" E		
Tangent Direction:	N 16°24'09.49" E		
Element: Linear			
PT (303)	581+15.62	01617128.9927	667228.1080
PC (305)	587+37.97	01617306.4114	667824.6155
Tangent Direction:	N 16°24'09.49" E		
Tangent Length:	622.350		
Element: Circular			
PC (305)	587+37.97	01617306.4114	667824.6155
PI (308)	592+14.17	01617442.2100	668291.0360
CC (306)		01613645.3047	668923.9033
PT (307)	596+85.47	01617461.7922	668766.8274
Radius:	3819.719		
Delta:	14°12'48.00" Left		
Degree of Curvature (Arc):	01°30'00.00"		
Length:	947.500		
Tangent:	476.194		
Chord:	945.073		
Middle Ordinate:	29.341		
External:	29.568		
Tangent Direction:	N 16°24'09.49" E		
Radial Direction:	S 73°25'50.51" E		
Chord Direction:	N 09°27'46.99" E		
Radial Direction:	S 87°38'25.51" E		
Tangent Direction:	N 02°21'24.49" E		

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Element: Linear				
PT (307)	596+85.47	01617461.7922	668766.8274	
PC (309)	617+46.89	01617846.5627	670826.5027	
Tangent Direction:	N 02°21'24.49" E			
Tangent Length:	2061.420			
Element: Circular				
PC (309)	617+46.89	01617846.5627	670826.5027	
PI (312)	625+45.23	01617579.3924	671624.1681	
CC (310)		01628280.4241	670284.7277	
PT (311)	633+40.64	01617729.7637	672408.2184	
Radius:	010742.959			
Delta:	08°30'00.00" Right			
Degree of Curvature (Arc):	00°32'00.00"			
Length:	01593.750			
Tangent:	798.340			
Chord:	01592.289			
Middle Ordinate:	29.541			
External:	29.629			
Tangent Direction:	N 02°21'24.49" E			
Radial Direction:	S 87°38'25.51" E			
Chord Direction:	N 06°36'24.49" E			
Radial Direction:	S 79°08'25.51" E			
Tangent Direction:	N 10°51'24.49" E			
Element: Linear				
PT (311)	633+40.64	01617729.7637	672408.2184	
POE (313)	653+35.84	01618106.1335	674970.6458	
Tangent Direction:	N 10°51'24.49" E			
Tangent Length:	1998.192			

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