

CHECK LEVELS					BENCH MARK LIST	
BM No.	Run 1	Run 2	Mean Diff.	Adj. Elev.	Published Elev.	BM Description
SCP 1				793.071	793.071	3/4" x 36" IRON PIN W/ 2 IN. ALUMINUM CAP STAMPED 'ISAACS SURVEYING SURVEY CONTROL' STA 1417+87.18 -48.73' LT CL SH 10
to	-2.931	-2.926	-2.9285			
SCP 3				796.000		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1421+27.56 45.06' RT CL SH 10
to	3.904	3.907	3.9055			
SCP 4				792.094		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1424+90.40 -41.23' LT CL SH 10
to	3.486	3.485	3.4855			
TP 1				788.609		TEMPORARY TURN POINT - LOCATION NOT DESCRIBED
to	7.213	7.215	7.214			
BM 200				781.395		3/4" x 36" IRON PIN W/ 2 IN. ALUMINUM CAP STAMPED 'ISAACS SURVEYING BM 200 SURVEY CONTROL' STA 1427+57.36 -275.71' LT CL SH 10
to	1.856	1.854	1.855			
TP 2				779.540		TEMPORARY TURN POINT - LOCATION NOT DESCRIBED
to	4.237	4.24	4.2385			
SCP 5				775.301		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1428+82.72 59.06' RT CL SH 10
to	-2.437	-2.442	-2.4395			
SCP 6				777.741		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1432+91.71 19.78' RT CL SH 10
to	7.623	7.607	7.615			
TP 3				770.126		TEMPORARY TURN POINT - LOCATION NOT DESCRIBED
to	-1.143	-1.141	-1.142			
BM 201				771.268		RR SPIKE SET IN NORTH FACE OF 18" TREE STA 1436+92.88 139.27' RT CL SH 10
to	-0.371	-0.373	-0.372			
TP 4				771.640		TEMPORARY TURN POINT - LOCATION NOT DESCRIBED
to	-9.664	-9.667	-9.6655			
SCP 7				781.305		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1436+72.44 -18.92' LT CL SH 10

CHECK LEVELS					BENCH MARK LIST	
BM No.	Run 1	Run 2	Mean Diff.	Adj. Elev.	Published Elev.	BM Description
to	-0.811	-0.805	-0.808			
SCP 8				782.113		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1439+23.84 20.78' RT CL SH 10
to	1.88	1.872	1.876			
TP 5				780.237		TEMPORARY TURN POINT - LOCATION NOT DESCRIBED
to	2.905	2.907	2.906			
SCP 9				777.331		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1443+49.99 -23.61' LT CL SH 10
to	-0.382	-0.385	-0.3835			
TP 6				777.715		TEMPORARY TURN POINT - LOCATION NOT DESCRIBED
to	1.09	1.087	1.0885			
SCP 10				776.626		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1447+45.41 19.96' RT CL SH 10
to	3.33	3.335	3.3325			
BM 202				773.294		3/4" x 36" IRON PIN W/ 2 IN. ALUMINUM CAP STAMPED 'ISAACS SURVEYING BM 202 SURVEY CONTROL' STA 1448+33.16 209.64' RT CL SH 10
to	-5.464	-5.467	-5.4655			
TP 7				778.759		TEMPORARY TURN POINT - LOCATION NOT DESCRIBED
to	0.106	0.107	0.1065			
SCP 11				778.653		3/8" x 18" IRON PIN WITH PLASTIC CAP STAMPED 'ISAACS CONTROL' STA 1450+76.39 -13.9' LT CL SH 10
to	-1.888	-1.885	-1.8865			
TP 8				780.539		TEMPORARY TURN POINT - LOCATION NOT DESCRIBED
to	0.694	0.694	0.694			
SCP 2				779.845		3/4" x 36" IRON PIN WITH 2 INCH ALUMINUM CAP STAMPED 'SURVEY CONTROL SCP 2' STA 1456+22.27 52.34' RT CL SH 10

Isaacs Surveying

5 W 42nd Street
Sand Springs, OK 74063

Alignment Station and Curve Report
Project Name: SWO 5076(1), I/P 29068(04)
Report Date: 11/10/2014 9:58:08 AM

Client: ODOT, Leidos
Project Description: Bridge over Big Cabin Creek
Prepared by: Russ Lambillotte

Cl Survey

Tangent Data			
Description	PT Station	Northing	Easting
Start:	1391+30.300000	694002.551	2793393.29
End:	1444+02.089456	694181.5906	2798662.038

Tangent Data			
Parameter	Value	Parameter	Value
Length:	5271.789456	Course:	N 88° 03' 13.523661" E

Tangent Data			
Description	PT Station	Northing	Easting
Start:	1444+02.089456	694181.5906	2798662.038
End:	1496+78.189311	694376.8813	2803934.523

Tangent Data			
Parameter	Value	Parameter	Value
Length:	5276.099855	Course:	N 87° 52' 43.523661" E