

CEC Corporation

4555 W. Memorial

Oklahoma City, OK 73142

PVI Stations Report

Client:
ODOT

Project Name: N:\OKC\Transportation\Highway\Production\ODOT\10069 ODOT EC
1315 I-40 Widening\10069.02 I-40 East JP 26422(05)\26422(05) Civil3D
References\26422(05) P-BASEMAP.dwg

Project Description:

Report Date: 1/3/2017 2:24:58 PM

Prepared by: JRM

Horizontal Alignment Information

Name: PGL LEFT
 Station Range: 870+00.0000 to 1085+45.6366
 Back Station: 98805.99999999927
 Ahead Station: 98800.

ADD COLUMN TO PROFILE PVI STATION & CURVE REPORT.

Vertical Alignment: PGL LEFT FINISH GROUND

PVI	Station	Elevation	Grade Out (%)	Curve Length
1	876+00.0000	1176.9500	-1.6979 %	0.0000
2	890+00.0000	1153.1800	1.1336 %	900.0000
3	901+00.0000	1165.6500	1.1989 %	210.0000
4	910+00.0000	1176.4400	-1.5143 %	1000.0000
5	938+00.0000	1134.0400	1.3000 %	1775.9367
6	975+00.0000	1182.1400	-3.0000 %	1600.0000
7	1009+44.0000	1078.6400	3.0000 %	1500.0000
8	1025+44.0000	1126.6400	1.0000 %	800.0000
9	1039+94.0000	1141.1400	-1.9101 %	1000.0000
10	1056+89.2000	1108.7600	2.4578 %	1000.0000
11	1063+49.9394	1124.9998		

Profile PVI Station & Curve Report

Client:

I-40 East JP No. 26422(05), Oklahoma County
 ODOT

Prepared by:

JRM
 CEC Corporation
 4555 W. Memorial

Date: 1/3/2017 2:27:51 PM

Vertical Alignment: PGL LEFT FINISH GROUND

Description:

Station Range: Start: 876+00.00, End: 1063+49.94

Add Column.

PVI	Station	Grade Out	Curve Length	ELEVATION																																
0.00	876+00.00	-1.6979%																																		
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Vertical Curve Information:(sag curve) <table border="0" style="width:100%"> <tr> <td>PVC Station:</td> <td>885+50.00</td> <td>Elevation:</td> <td>1,160.820'</td> </tr> <tr> <td>PVI Station:</td> <td>890+00.00</td> <td>Elevation:</td> <td>1,153.180'</td> </tr> <tr> <td>PVT Station:</td> <td>894+50.00</td> <td>Elevation:</td> <td>1,158.281'</td> </tr> <tr> <td>Low Point:</td> <td>890+89.67</td> <td>Elevation:</td> <td>1,156.239'</td> </tr> <tr> <td>Grade in:</td> <td>-1.6979%</td> <td>Grade out:</td> <td>1.1336%</td> </tr> <tr> <td>Change:</td> <td>2.8315%</td> <td>K:</td> <td>317.85345717235</td> </tr> <tr> <td>Curve Length:</td> <td>900.000'</td> <td></td> <td></td> </tr> <tr> <td>Headlight Distance:</td> <td>1,357.449'</td> <td></td> <td></td> </tr> </table>					PVC Station:	885+50.00	Elevation:	1,160.820'	PVI Station:	890+00.00	Elevation:	1,153.180'	PVT Station:	894+50.00	Elevation:	1,158.281'	Low Point:	890+89.67	Elevation:	1,156.239'	Grade in:	-1.6979%	Grade out:	1.1336%	Change:	2.8315%	K:	317.85345717235	Curve Length:	900.000'			Headlight Distance:	1,357.449'		
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**When no Curve is shown w/PI give elev of said PI.*