

# Curvel Output

Data File Name: C:\Documents and Settings\bricer\Desktop\Test1.Curvel

WASHINGTON STATE DEPT. OF TRANSPORTATION 20130514 TIME  
 \*\*\* CURVEL (VERTICAL CURVE CALCULATIONS) \*\*\*  
 REV 3/28/86

## SUPERELEVATION DATA

	1	2	3
STATION	29697.100	29877.100	30192.100
SLOPE LEFT	-0.020	0.020	0.090
SLOPE RIGHT	-0.020	-0.020	-0.090

THE PROFILE GRADE POINT IS -12.0000 FT. RIGHT OF CROWNPOINT

## VERTICAL CURVE DATA

P.I. AT STA. 301+50.00 P.I. ELEV. = 102.370  
 LENGTH = 400.00 FT. G1 = 2.38000 % G2 = -4.16000 %

STATION	ELEVATION	GRADE	CROWN	ELEVATION	LEFT	RIGHT
299+50.00	97.610	2.3800	0.0000	97.176	0.0362	-0.0362

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= -7 0 30 RAD. TO L = 2100.00 OFFSET, CROWN TO L = -4.00  
 286+40.00 IS STA. ON L LINE, SKEW DIST.= -28.208 ,OFFSET PT. STA. IS  
 286+36.60 66.351 2.3800 -32.0000 65.951 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= 0 0 0 RAD. TO L = 0.00 OFFSET, CROWN TO L = 0.00  
 290+00.00 IS STA. ON L LINE, SKEW DIST.= -17.000 ,OFFSET PT. STA. IS  
 290+00.00 75.000 2.3800 -17.0000 74.900 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= -7 0 30 RAD. TO L = 2100.00 OFFSET, CROWN TO L = -4.00  
 286+40.00 IS STA. ON L LINE, SKEW DIST.= -32.000 ,OFFSET PT. STA. IS  
 286+36.15 66.340 2.3800 -35.7645 65.865 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= 0 0 0 RAD. TO L = 0.00 OFFSET, CROWN TO L = 0.00  
 29+00.00 IS STA. ON L LINE, SKEW DIST.= -17.000 ,OFFSET PT. STA. IS  
 29+00.00 -546.180 2.3800 -17.0000 -546.280 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= -7 0 30 RAD. TO L = 2100.00 OFFSET, CROWN TO L = 4.00  
 286+40.00 IS STA. ON L LINE, SKEW DIST.= -36.266 ,OFFSET PT. STA. IS  
 286+35.65 66.328 2.3800 -32.0000 65.928 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= -7 0 30 RAD. TO L = 2100.00 OFFSET, CROWN TO L = 4.00  
 286+40.00 IS STA. ON L LINE, SKEW DIST.= -32.000 ,OFFSET PT. STA. IS  
 286+36.15 66.340 2.3800 -27.7645 66.025 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= -7 0 30 RAD. TO L = 2100.00 OFFSET, CROWN TO L = -4.00  
 286+40.00 IS STA. ON L LINE, SKEW DIST.= 36.276 ,OFFSET PT. STA. IS  
 286+44.50 66.539 2.3800 32.0000 66.139 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= -7 0 30 RAD. TO L = 2100.00 OFFSET, CROWN TO L = -4.00  
 286+40.00 IS STA. ON L LINE, SKEW DIST.= 32.000 ,OFFSET PT. STA. IS  
 286+43.96 66.526 2.3800 27.7572 66.211 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

SKEW ANG.= -7 0 30 RAD. TO L = 2100.00 OFFSET, CROWN TO L = 4.00  
 286+40.00 IS STA. ON L LINE, SKEW DIST.= 28.214 ,OFFSET PT. STA. IS  
 286+43.49 66.515 2.3800 32.0000 66.115 -0.0200 -0.0200

SKEW DATA FOR STATIONS FOLLOWING:

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SKEW ANG.=   -7  0 30 RAD. TO L =   2100.00 OFFSET, CROWN TO L =    4.00
286+40.00 IS STA. ON L LINE, SKEW DIST.=  32.000 ,OFFSET PT. STA. IS
286+43.96      66.526    2.3800   35.7572    66.051  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=   -7  0 30 RAD. TO L =  -2100.00 OFFSET, CROWN TO L =   -4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -28.214 ,OFFSET PT. STA. IS
285+96.51      65.397    2.3800  -32.0000    64.997  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=   -7  0 30 RAD. TO L =  -2100.00 OFFSET, CROWN TO L =   -4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -32.000 ,OFFSET PT. STA. IS
285+96.04      65.386    2.3800  -35.7572    64.911  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=   -7  0 30 RAD. TO L =  -2100.00 OFFSET, CROWN TO L =    4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -36.276 ,OFFSET PT. STA. IS
285+95.50      65.373    2.3800  -32.0000    64.973  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=   -7  0 30 RAD. TO L =  -2100.00 OFFSET, CROWN TO L =    4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -32.000 ,OFFSET PT. STA. IS
285+96.04      65.386    2.3800  -27.7572    65.071  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=   -7  0 30 RAD. TO L =  -2100.00 OFFSET, CROWN TO L =   -4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.=  36.266 ,OFFSET PT. STA. IS
286+04.35      65.584    2.3800   32.0000    65.184  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=   -7  0 30 RAD. TO L =  -2100.00 OFFSET, CROWN TO L =   -4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.=  32.000 ,OFFSET PT. STA. IS
286+03.85      65.572    2.3800   27.7645    65.256  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=    7  0 30 RAD. TO L =   2100.00 OFFSET, CROWN TO L =   -4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -28.208 ,OFFSET PT. STA. IS
286+03.40      65.561    2.3800  -32.0000    65.161  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=    7  0 30 RAD. TO L =   2100.00 OFFSET, CROWN TO L =   -4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -32.000 ,OFFSET PT. STA. IS
286+03.85      65.572    2.3800  -35.7645    65.096  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=    7  0 30 RAD. TO L =   2100.00 OFFSET, CROWN TO L =    4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -36.266 ,OFFSET PT. STA. IS
286+04.35      65.584    2.3800  -32.0000    65.184  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=    7  0 30 RAD. TO L =   2100.00 OFFSET, CROWN TO L =    4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -32.000 ,OFFSET PT. STA. IS
286+03.85      65.572    2.3800  -27.7645    65.256  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=    7  0 30 RAD. TO L =   2100.00 OFFSET, CROWN TO L =    4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.=  28.214 ,OFFSET PT. STA. IS
285+96.51      65.397    2.3800   32.0000    64.997  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=    7  0 30 RAD. TO L =   2100.00 OFFSET, CROWN TO L =    4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.=  32.000 ,OFFSET PT. STA. IS
285+96.04      65.386    2.3800   35.7572    64.911  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=    7  0 30 RAD. TO L =  -2100.00 OFFSET, CROWN TO L =   -4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.=  36.266 ,OFFSET PT. STA. IS
285+95.65      65.376    2.3800   32.0000    64.976  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=    7  0 30 RAD. TO L =  -2100.00 OFFSET, CROWN TO L =   -4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.=  32.000 ,OFFSET PT. STA. IS
285+96.15      65.388    2.3800   27.7645    65.073  -0.0200  -0.0200
SKEW DATA FOR STATIONS FOLLOWING:

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SKEW ANG.=      7  0 30 RAD. TO L = -2100.00 OFFSET, CROWN TO L =   4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -36.276 ,OFFSET PT. STA. IS
286+04.50      65.587      2.3800 -32.0000      65.187 -0.0200 -0.0200
SKEW DATA FOR STATIONS FOLLOWING:
SKEW ANG.=      7  0 30 RAD. TO L = -2100.00 OFFSET, CROWN TO L =   4.00
286+00.00 IS STA. ON L LINE, SKEW DIST.= -32.000 ,OFFSET PT. STA. IS
286+03.96      65.574      2.3800 -27.7572      65.259 -0.0200 -0.0200
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