

SR 91 CURVE DATA

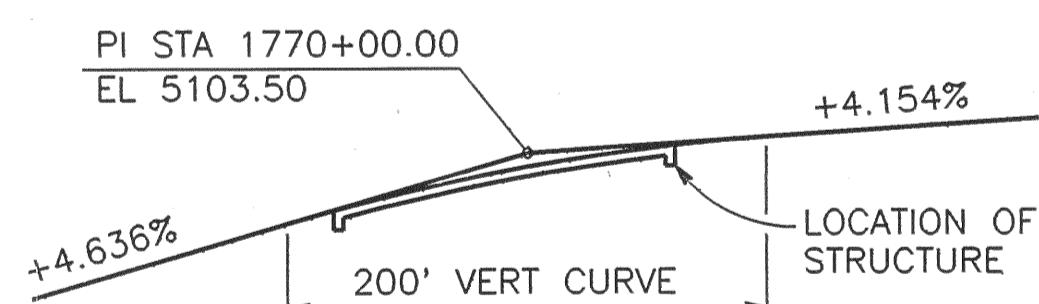
$\Delta = 7^\circ 38' 23.14'' \text{ RT}$
 $D = 1' 00' 00''$
 $R = 5729.58'$
 $T = 382.55'$
 $L = 763.98'$
 $e = 0.027'/\text{FT}$

"B" LINE CURVE DATA

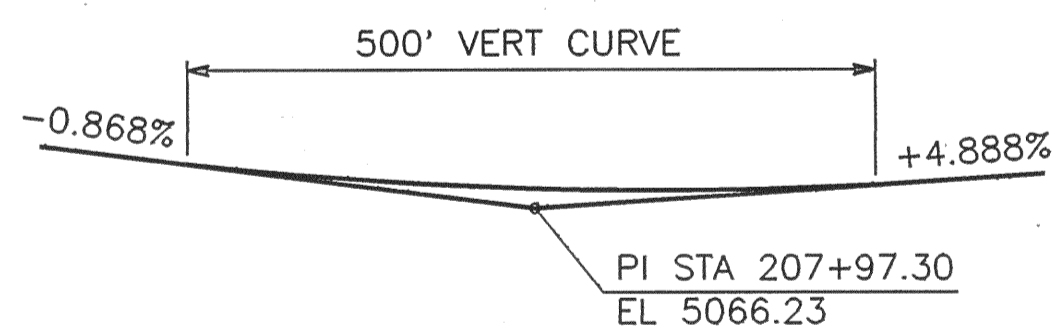
$\Delta = 7^\circ 53' 28.17'' \text{ RT}$
 $D = 11' 15' 00''$
 $R = 509.30'$
 $T = 411.62'$
 $L = 692.36'$
 $e = 0.06'/\text{FT}$

PLAN

* SKEW IS WITH RESPECT TO A LOCAL TANGENT TO ϕ SR-91



SR-91 PROFILE GRADE



"B" LINE PROFILE GRADE

DESIGN DATA

SOIL CHARACTERISTICS FOR DESIGN:

MATERIAL	ϕ (DEG)	cohesion (PSF)	γ (PCF)
SELECT GRANULAR BACKFILL	34	0	135
FOUNDATION BEARING	SEE SOILS REPORT	0	—

MAXIMUM SOIL BEARING PRESSURE: 2500 PSF

GENERAL NOTES

- MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE UTAH DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1992 EDITION, AND SUPPLEMENTS THERETO WHICH ARE IN EFFECT AT THE DATE OF REQUEST FOR BIDS.
- ALL REINFORCING SHALL BE DEFORMED BILLET STEEL BARS CONFORMING TO AASHTO DESIGNATION M 31 (ASTM A 615) GRADE 60 AND SHALL BE EPOXY COATED.
- EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED $\frac{3}{4}$ " EXCEPT WHERE NOTED OTHERWISE.
- COVER TO REINFORCING STEEL SHALL BE 2" EXCEPT WHERE NOTED OTHERWISE.
- ALL CAST-IN-PLACE CONCRETE SHALL BE CLASS AA(AE).

QUANTITIES

DESCRIPTION 1979 STANDARD SPECIFICATIONS	DESCRIPTION 1992 STANDARD SPECIFICATIONS	ESTIMATED	UNIT	AS CONST.
MSE WALL #5 (EST. QTY. 5,200 SQUARE FEET)	R-276 MSE WALL NO.5 (EST. QUANTITY 5,200 SQ. FT.)	1	L.S.	
SELECT MATERIAL	SELECT MATERIAL	3,450	CU.YD.	
CONCRETE COPING	CONCRETE COPING	354	L.F.	
LEVELING PAD	LEVELING PAD	330	L.F.	
PIPE RAILING	PIPE RAILING	350	L.F.	

UTAH DEPARTMENT OF TRANSPORTATION Centennial Engineering Inc. Salt Lake City, Utah	8/93 MPP	UDOT	REVISED CALLOUT
SR-91 BRIGHAM CITY TO MANTUA MANTUA INTERCHANGE	R-276 MSE WALL NO.5 PLAN	PROJECT NUMBER NH-0091(2)4	SHEET No. 1 of 2
APPROVED <i>[Signature]</i> DATE 8/93 DISTRICT DESIGN ENGINEER	CHECKED DATE 8/93 MPP	CHECKED DATE 8/93 MPP	CHECKED DATE 8/93 MPP
APPROVED <i>[Signature]</i> DATE 8/93 DISTRICT DESIGN ENGINEER	CHECKED DATE 8/93 MPP	CHECKED DATE 8/93 MPP	CHECKED DATE 8/93 MPP
APPROVED <i>[Signature]</i> DATE 8/93 DISTRICT DESIGN ENGINEER	CHECKED DATE 8/93 MPP	CHECKED DATE 8/93 MPP	CHECKED DATE 8/93 MPP