

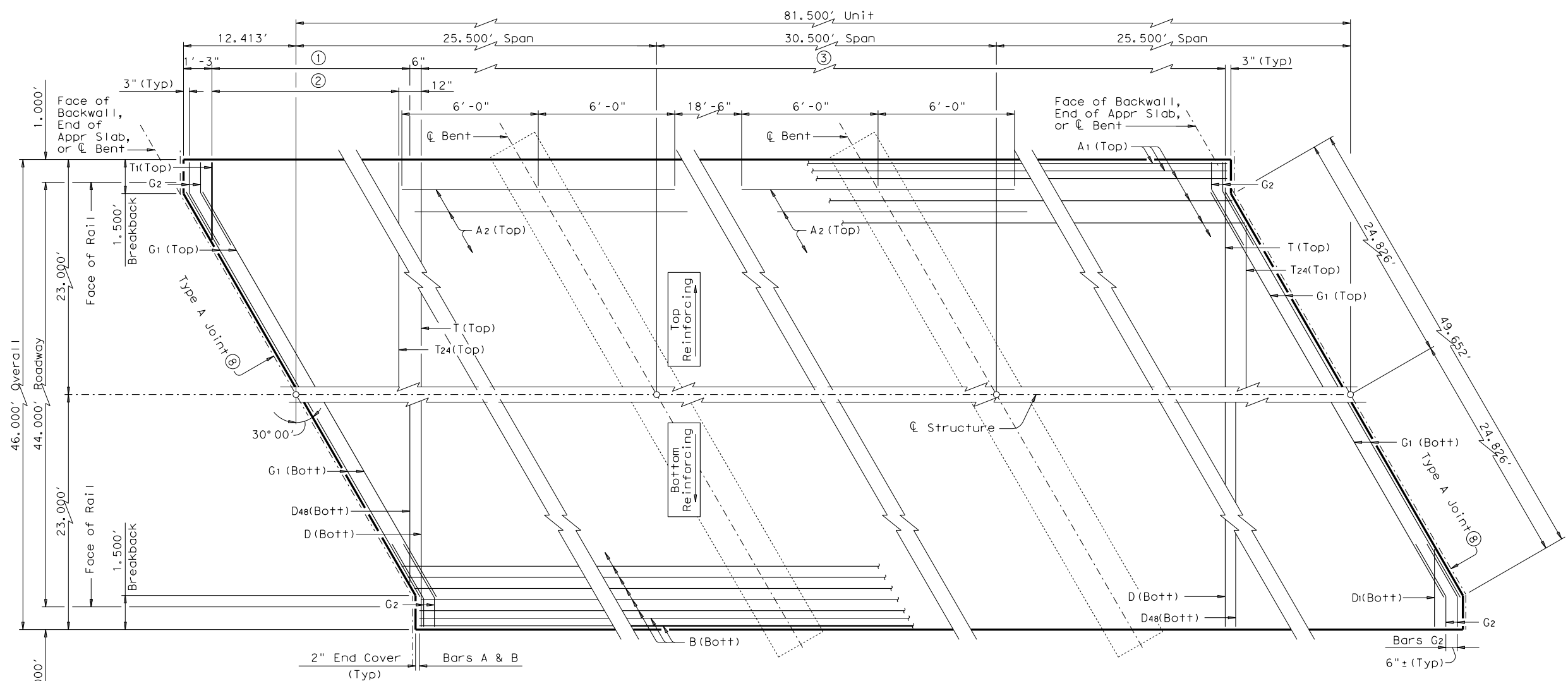
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**TABLE OF ESTIMATED QUANTITIES CS-80-44 (30°)**

Bar	No.	Size	Length	Weight
A1 (6)	50	# 8	85'-10"	11,459
A2	90	# 8	12'-0"	2,884
B (7)	94	# 8	83'-9"	21,020
D	115	# 4	45'-9"	3,515
D1-48	96	# 4	23'-8"AV	1,518
G1	8	# 5	49'-8"	414
G2	16	# 5	4'-0"	67
T	58	# 4	45'-9"	1,773
T1-24	48	# 4	23'-2"AV	743

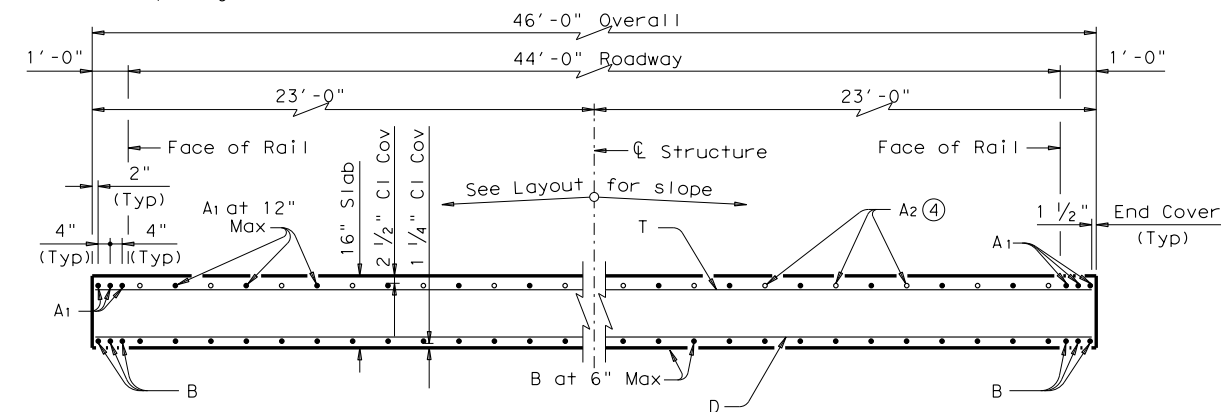
Reinforcing Steel	Lb	43,393
Class "S" Concrete (9)	CY	185.4

- (6) Length shown includes one 4'-8" lap splice.
- (7) Length shown includes one 2'-7" lap splice.
- (8) See standard CS-MD for Expansion Joint Details.
- (9) Provide Class S(HPC) if shown elsewhere in the plans.



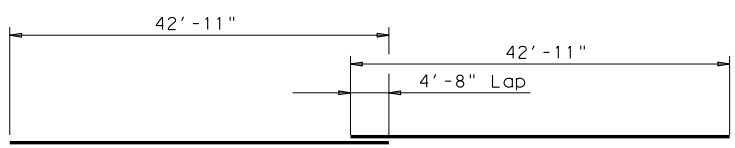
- (1) Bars D1-48 (Bott) at 6" Max Spacing = 23'-4"
- (2) Bars T1-24 (Top) at 12" Max Spacing = 22'-10"
- (3) Bars D (Bott) at 6" Max Spacing  
Bars T (Top) at 12" Max Spacing

**PLAN**

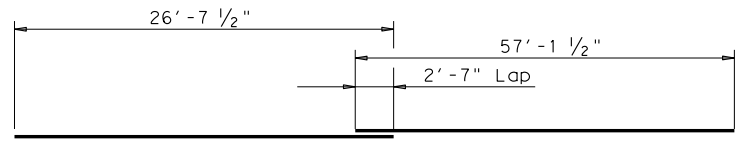


**TYPICAL TRANSVERSE SECTION**

- (4) Place Bars A2 between Bars A1 over Bent (See PLAN for Placement)

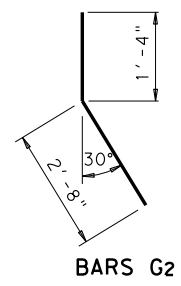


**BARS A1**

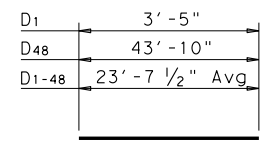


**BARS B (5)**

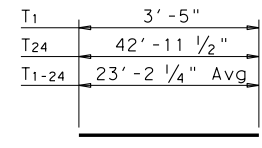
- (5) Alternate Splices over Supports



**BARS G2**



**BARS D**



**BARS T**

**GENERAL NOTES:**  
 Designed according to AASHTO LRFD Specifications.  
 Details shown are for right forward skew. See Layout for actual skew direction. See standard CS-MD for additional slab span details.  
 All reinforcing shall be Grade 60. Concrete strength  $f'_c = 4,000$  psi. When epoxy coated reinforcing is used, the lap splice lengths shown shall be increased by a factor of 1.5. This standard does not support the use of Transition Bents.

**HL93 LOADING**



**81.5' C-I-P CONTINUOUS SLAB UNIT**  
 (25.5'-30.5'-25.5')  
**44 FT ROADWAY 30° SKEW**  
**CS-80-44-30**

FILE: scs50ste.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
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