

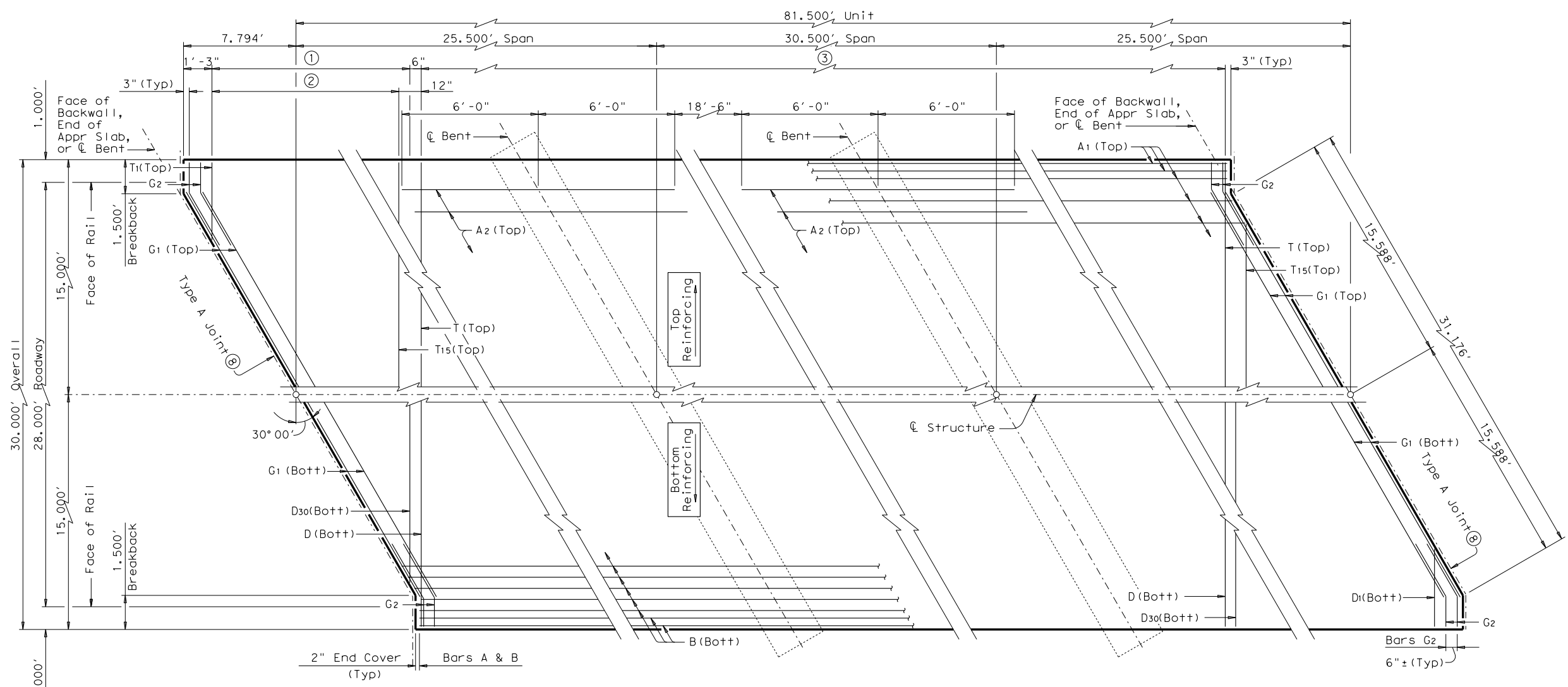
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**TABLE OF ESTIMATED QUANTITIES CS-80-28 (30°)**

Bar	No.	Size	Length	Weight
A1 (6)	34	# 8	85'-10"	7,792
A2	58	# 8	12'-0"	1,858
B (7)	62	# 8	83'-9"	13,864
D	133	# 4	29'-9"	2,643
D1-30	60	# 4	15'-8"AV	628
G1	8	# 5	31'-2"	260
G2	16	# 5	4'-0"	67
T	67	# 4	29'-9"	1,331
T1-15	30	# 4	15'-2"AV	304

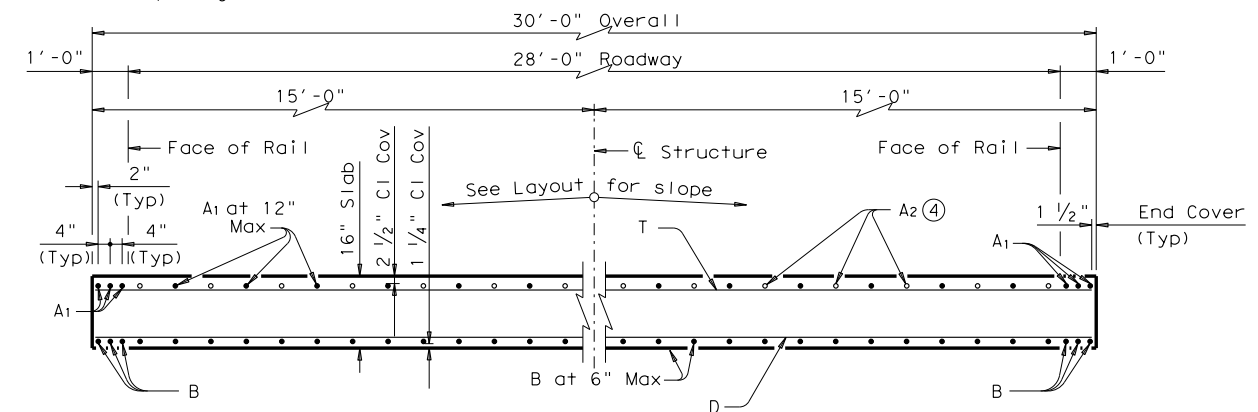
Reinforcing Steel	Lb	28,747
Class "S" Concrete (9)	CY	121.0

- (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.



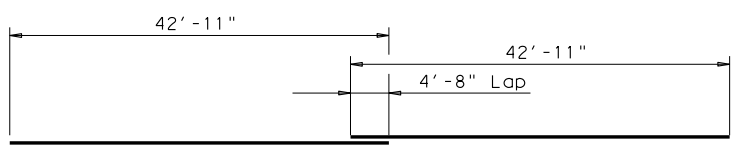
- ① Bars D1-30 (Bott) at 6" Max Spacing = 14'-1 1/4"
- ② Bars T1-15 (Top) at 12" Max Spacing = 13'-7 1/4"
- ③ Bars D (Bott) at 6" Max Spacing  
Bars T (Top) at 12" Max Spacing

**PLAN**

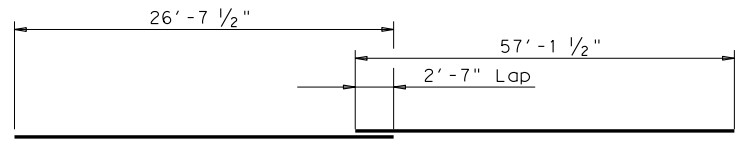


**TYPICAL TRANSVERSE SECTION**

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

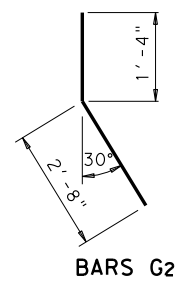


**BARS A1**

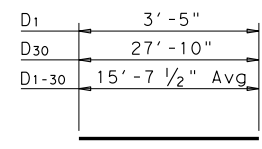


**BARS B (5)**

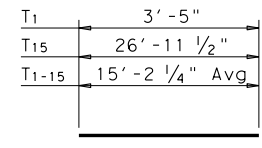
- ⑤ Alternate Splices over Supports



**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')  
 28 FT ROADWAY 30° SKEW  
**CS-80-28-30**

FILE: scs41ste.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
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