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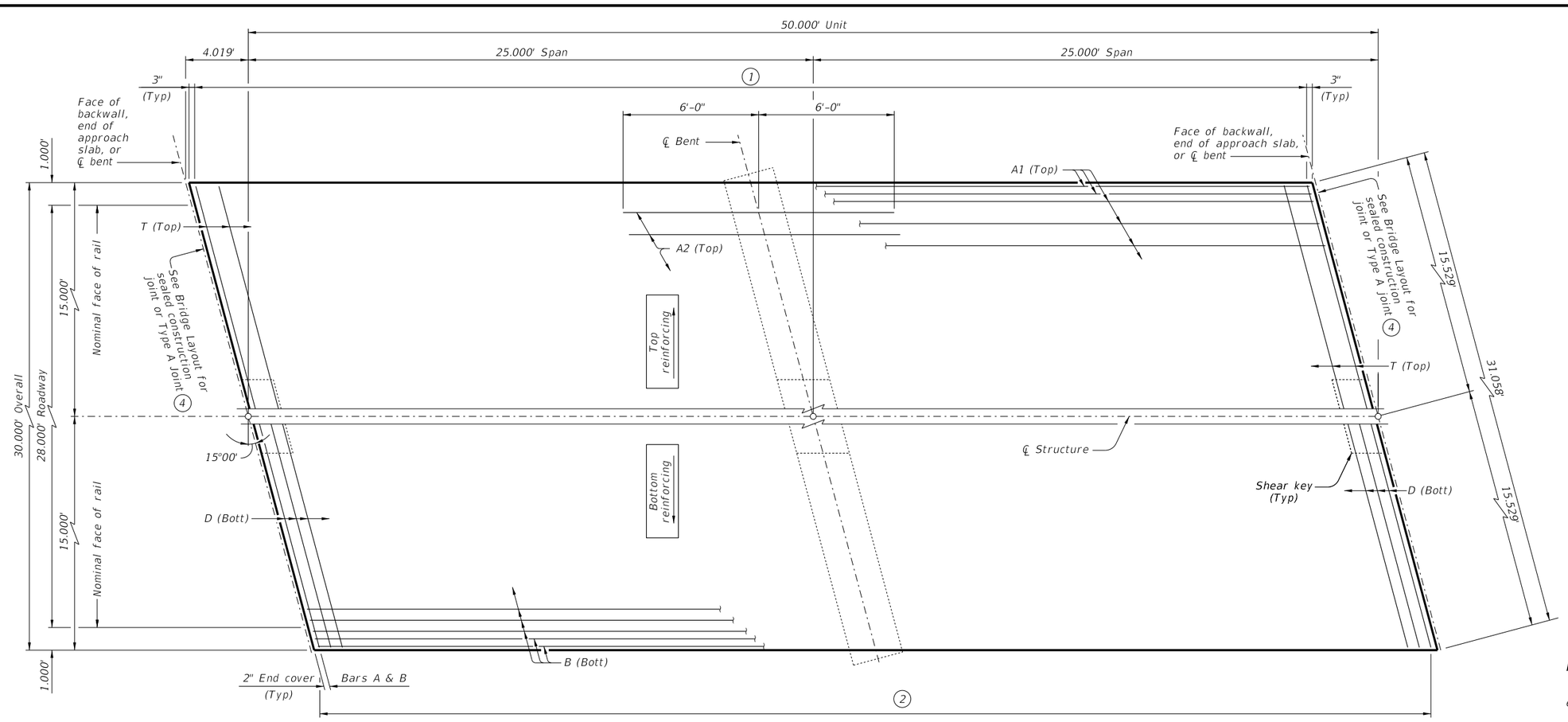
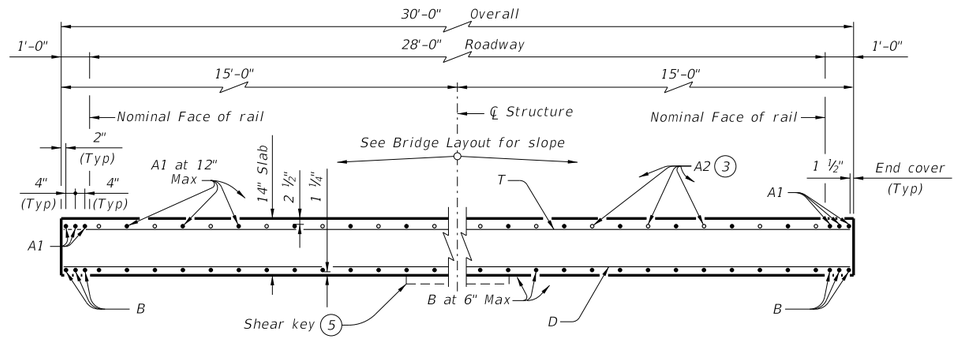


PLAN



TYPICAL TRANSVERSE SECTION

5 At abutments and bents only.

TABLE OF ESTIMATED QUANTITIES

CS-50-28 (15°)

Bar	No.	Size	Length	Weight
A1	34	#8	49' - 8"	4,509
A2	29	#8	12' - 0"	929
B	62	#8	49' - 8"	8,222
D	100	#4	30' - 10"	2,060
T	51	#4	30' - 10"	1,050
Reinforcing Steel			Lb	16,770
Class "S" Concrete			CY	65.0

1. Bars T (Top) at 12" Max spacing
2. Bars D (Bott) at 6" Max spacing
3. Place Bars A2 between Bars A1 over bent. (See PLAN for placement.)
4. See standard CS-MD for fixed or expansion joint details.

TABLE OF LOAD RATING

INV	OPR
1.14	1.47

MATERIAL NOTES:

Provide Class S concrete (f'c = 4,000 psi).
Provide Class S (HPC) concrete if shown elsewhere in the plans.
Provide Grade 60 reinforcing steel.

GENERAL NOTES:

Designed according to AASHTO LRFD Bridge Design Specifications.
Load rated using Load and Resistance Factor Rating according to AASTHO Manual for Bridge Evaluation.
Details shown are for right forward skew. See Bridge Layout for actual skew direction.
See Miscellaneous Details for C-I-P Concrete Slab Spans (CS-MD) standard sheet for additional slab span details.
Bar laps not permitted for Bars A and B.
See applicable rail details for rail anchorage in slab.
This standard does not support the use of transition bents.

Cover dimensions are clear dimensions, unless noted otherwise.
Reinforcing bar dimensions shown are out-to-out of bar.

HL93 LOADING

Texas Department of Transportation

Bridge Division Standard

50' C-I-P CONTINUOUS SLAB UNIT

(25'-25')

28 FT ROADWAY 15° SKEW

CS-50-28-15

FILE: scs10ste-21.dgn	DN: LMO	CK: BMP	DW: LJC	CK: TAR
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REVISIONS				
	DIST	COUNTY		SHEET NO.

DATE:
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