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DATE:
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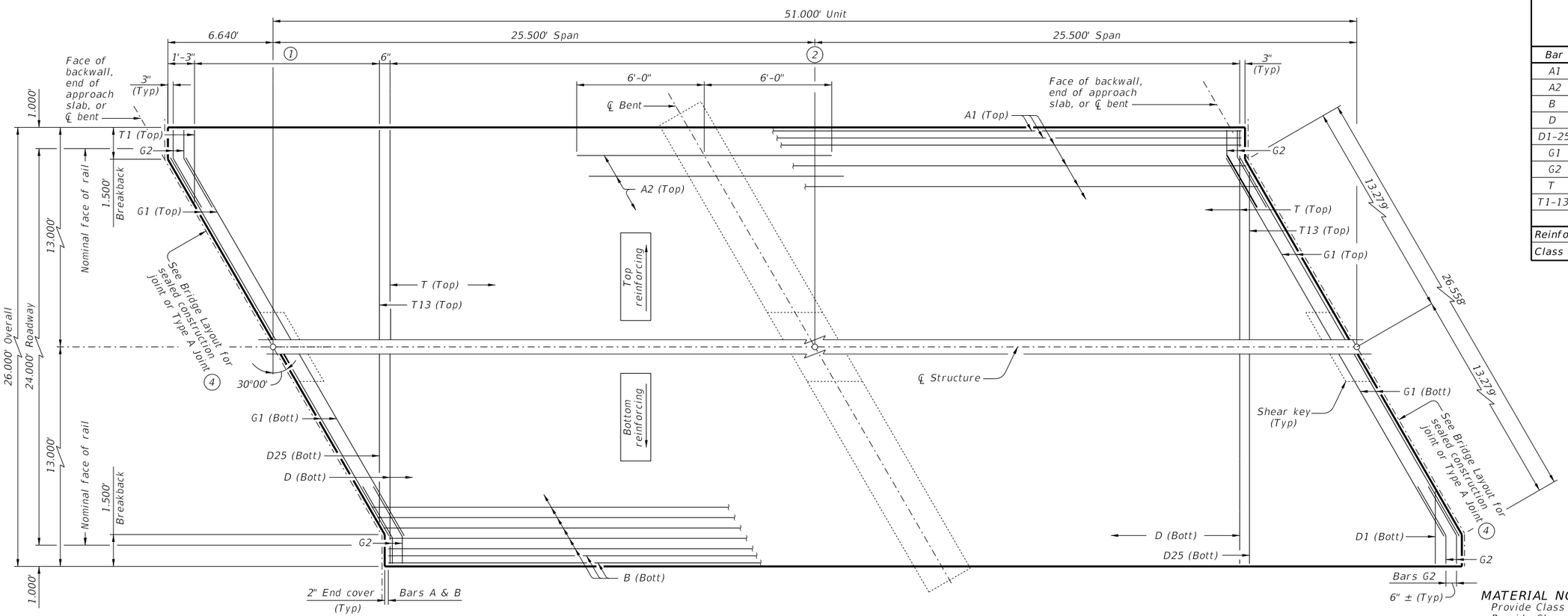


PLAN

TABLE OF ESTIMATED QUANTITIES CS-50-24 (30°)				
Bar	No.	Size	Length	Weight
A1	30	#8	50' – 8"	4,058
A2	25	#8	12' – 0"	801
B	54	#8	50' – 8"	7,305
D	77	#4	25' – 9"	1,324
D1–25	50	#4	13' – 8" Av	456
G1	8	#5	26' – 7"	222
G2	16	#5	4' – 0"	67
T	39	#4	25' – 9"	671
T1–13	26	#4	13' – 8" Av	237
Reinforcing Steel			Lb	15,141
Class "S" Concrete			CY	57.5

TABLE OF LOAD RATING	
INV	OPR
1.18	1.53

(1) Bars T1–13 (Top) at 12" Max spacing = 11'-9 ½"
Bars D1–25 (Bott) at 6" Max spacing = 11'-9 ½"

(2) Bars T (Top) at 12" Max spacing
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.

MATERIAL NOTES:

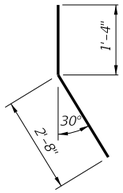
Provide Class S concrete (f'c = 4,000 psi).
Provide Class S (HPC) concrete if shown elsewhere in the plans.
Provide Grade 60 reinforcing steel.

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



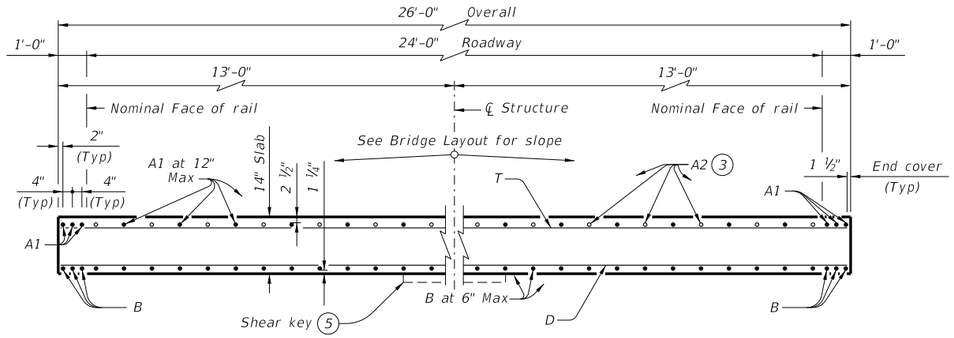
BARS G2

D1	3'-5"
D25	23'-10"
D1-25	13'-7 ½" Avg

BARS D

T1	3'-5"
T13	23'-10"
T1-13	13'-7 ½" Avg

BARS T



TYPICAL TRANSVERSE SECTION

(5) At abutments and bents only.

Texas Department of Transportation

Bridge Division Standard

51' C-I-P CONTINUOUS SLAB UNIT

(25.5'-25.5')

24 FT ROADWAY 30° SKEW

CS-50-24-30

FILE: scs08ste-21.dgn	DN: LMO	CK: BMP	DW: LJC	CK: TAR
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