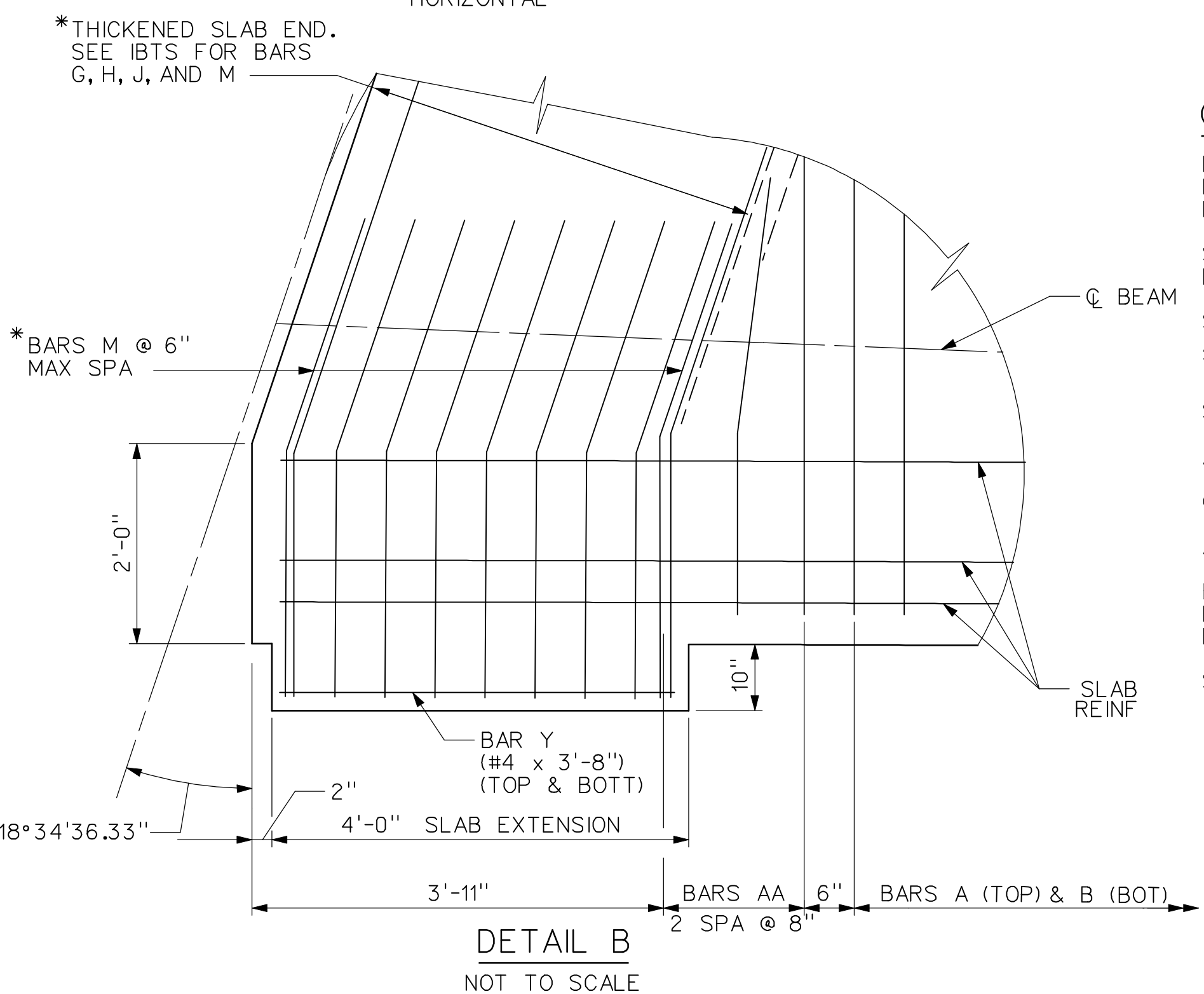
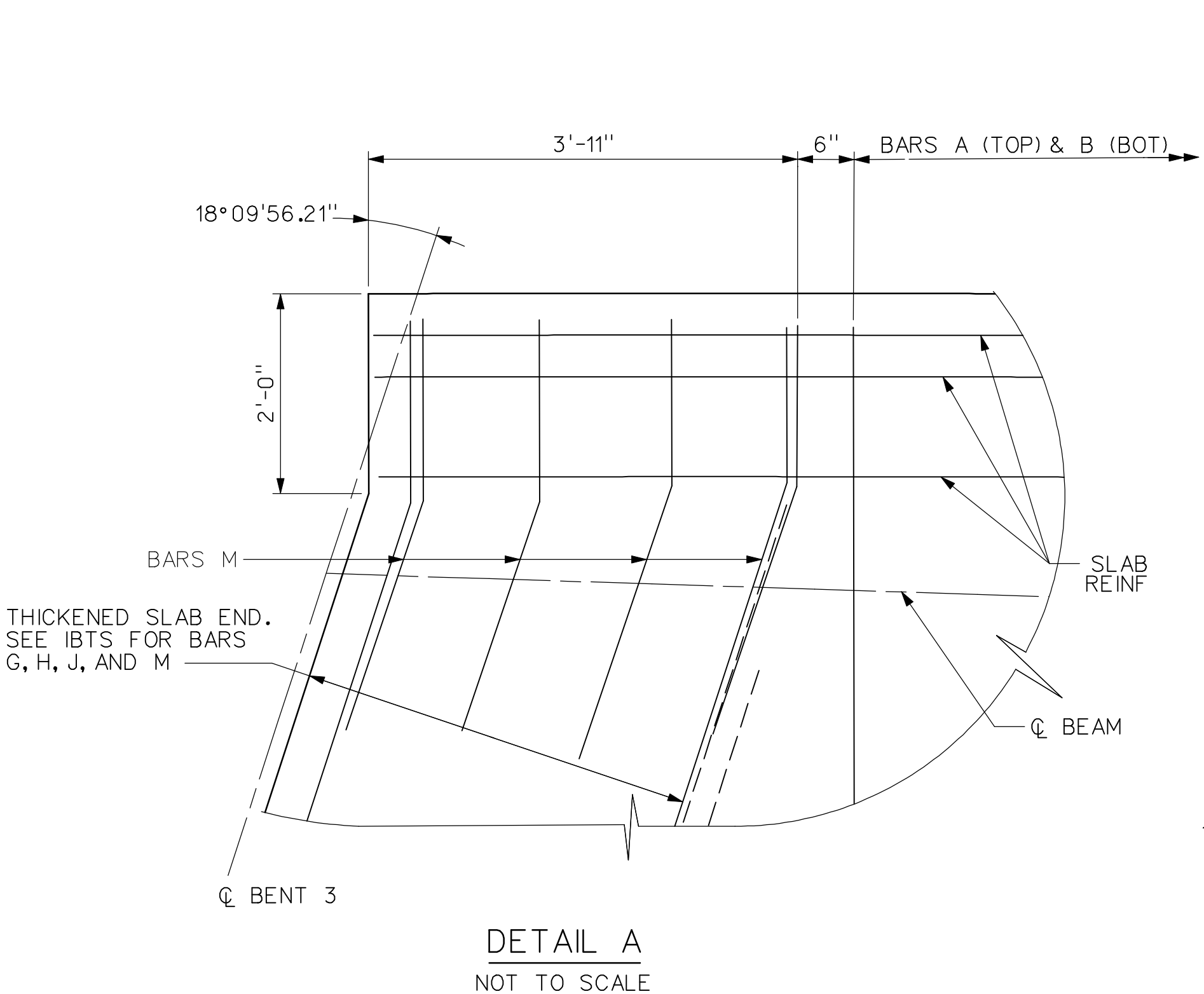
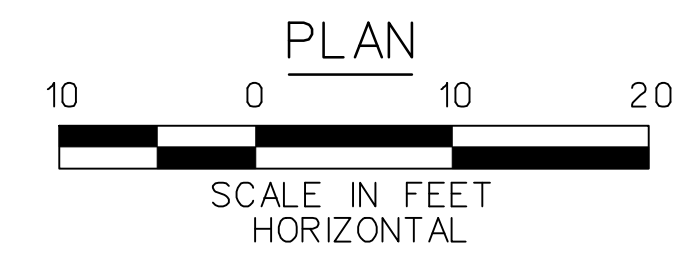
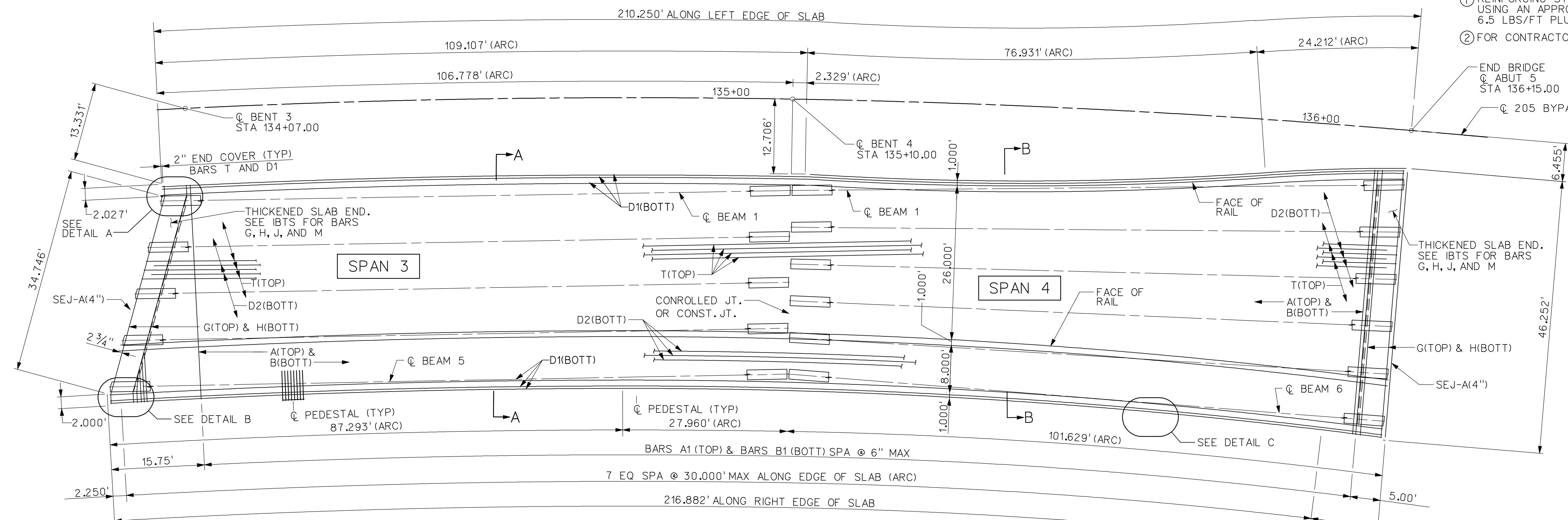


TABLE OF ESTIMATED QUANTITIES				
SPAN	REINF CONC SLAB	PRESTR CONC BEAMS (TY IV)	CLASS "S" CONC	REINF STEEL
	LF	LF	CY	LB
3	4117	548.13	113.65	26,973.3
4	4119	609.60	114.33	26,891.0
TOTAL	8236	1157.72	227.98	53,864.3

① REINFORCING STEEL WEIGHT IS CALCULATED USING AN APPROXIMATE FACTOR OF 6.5 LBS/FT PLUS ADDITION OF BARS U.
 ② FOR CONTRACTOR'S INFORMATION ONLY.



*EXTEND BARS M, G & H INTO SLAB EXTENSION TO ACCOMMODATE PEDESTAL. MAINTAIN 2" CLEAR TO EDGE OF CONCRETE.

GENERAL NOTES:

DESIGNED ACCORDING TO CURRENT AASHTO LRFD STANDARD AND INTERIM SPECIFICATIONS FOR HL-93 LOADING.

SEE IBTS STANDARD FOR THICKENED SLAB END DETAILS AND QUANTITY ADJUSTMENTS.

SEE PCP OR PMDF STANDARDS FOR DETAILS AND QUANTITY ADJUSTMENTS IF EITHER OF THESE OPTIONS ARE USED.

SEE IBMS STANDARD FOR MISCELLANEOUS DETAILS.

ALL REINFORCING SHALL BE GRADE 60.

CONCRETE STRENGTH $f'c = 4,000$ psi.

ALL REINFORCING SHALL BE EPOXY COATED.

BAR LAPS WHERE REQUIRED, SHALL BE AS FOLLOWS: EPOXY COATED - #4 - 2'-1" EPOXY COATED - #5 - 2'-7"

SEE RAILING DETAILS FOR RAIL ANCHORAGE IN SLAB.

BARS U	
SPAN	NO.
3	125
4	69

BAR TABLE	
BAR	SIZE
A	#5
B	#5
D	#5
G	#5
H	#5
J	#5
M	#5
T	#4

RECORD DRAWING

This drawing is a compilation of the original sealed engineering drawing and modifications by addenda, change orders and information furnished by the contractor. Information shown that was provided by the contractor and others not associated with the design engineer cannot be verified for accuracy or completeness. Original sealed drawing is on file at the office of AECOM USA Group, Inc., TBPE REG. NO. F-3082

ORIGINAL DRAWING SEALED & SIGNED BY

Wally R. Burns, P.E.

TX NO. 44162

HL93 LOADING

NO.	REVISION	BY	DATE

City of Rockwall, Texas

NORTHBOUND 205 BYPASS BRIDGE OVER PHELPS CK
214.19' PRESTR CONCRETE BEAM UNIT
(SPANS 3 & 4)

1 OF 2

TCB AECOM

TCB INC. WWW.TCB.AECOM.COM
 17300 DALLAS PARKWAY, SUITE 1010
 DALLAS, TEXAS 75248

Unit	PW-DAL-FW	Scale	NOT TO SCALE	Date	11/23/2009
Designed	SDH	Checked		Project No.	60004153
Drawn	SDH	Approved		Sheet	103 of 146

P:\328\60004153-205bypass\cadd\sheets\phase 4-120-00 to 141+00\record drawing 10_7_09\103_205BP-BR-NB-SLO2a.dgn
 11/23/2009