



BILL OF REINFORCING STEEL (C)				
BAR	No	SIZE	LENGTH	WEIGHT
A	8	#11	38'-3"	1,626
B	6	#11	36'-3"	1,156
D	4	1 1/4" D	1'-8"	28
S	52	#6	14'-0"	1,093
T	10	#5	36'-3"	378
U	2	#5	9'-5"	20
V	30	#9	13'-3"	1,352
Z	3	#3	189'-0"	213
TOTAL				5,866
ESTIMATED QUANTITIES				
ITEM	UNIT	QUANTITY		
(C) REINFORCING STEEL	LB	5,866		
CLASS C CONC (CAP)	CY	16.2		
CLASS C CONC (COL)	CY	8.6		
(C) FOR CONTRACTOR INFORMATION ONLY				

- NOTES:
- DESIGNED IN ACCORDANCE TO AASHTO LRFD SPECIFICATIONS.
 - ALL CONCRETE SHALL BE CLASS "C" WITH MINIMUM COMPRESSIVE STRENGTH $f'_c = 3600$ PSI.
 - CHAMFER ALL EXPOSED CORNERS $3/4"$ UNLESS OTHERWISE SHOWN FOR NOTED.
 - ALL REINFORCING STEEL SHALL BE ASTM A-615, GRADE 60.
 - ALL REINFORCING STEEL SHALL HAVE 2" CLEAR COVER UNLESS OTHERWISE SHOWN OR NOTED.
 - MAXIMUM CALCULATED 36" DIA DRILLED SHAFT LOAD = 337 TONS/SHAFT

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

HL 93 LOADING

NO.	REVISION	BY	DATE

City of Rockwall, Texas

205 BYPASS PHASE 4

SOUTHBOUND 205 BYPASS BRIDGE OVER PHELPS CREEK

INTERIOR BENT 2 PLAN AND ELEVATION | OF |

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

Unit	PW-DAL-FW	Scale	3/8" = 1'-0"	Date	11/23/2009
Designed	SDH	Checked	TCB	Project No.	60004153
Drawn	SDH	Approved	TCB	Sheet	112 of 146

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 11/23/2009