

SUMMARY OF ESTIMATED QUANTITIES

DESCRIPTION / ITEM	416	416	416	420	420	420	422	425	428	432	432	450	450	450	454
	2001	2003	2004	2003	2004	2033	2001	2004	2002	0507	2028	2007	2020	2128	2001
	DRILL SHAFT (18 IN)	DRILL SHAFT (30 IN)	DRILL SHAFT (36 IN)	CL C CONC (ABUT)	CL C CONC (BENT)	CL S CONC (APPR SLAB)	REINF CONC SLAB	PRESTR CONC BEAM (TY IV)	CONC SURF TREAT (CLASS II)	RIPRAP (STONE COMMON) (DRY)	BEDDING MATERIAL (6 IN)	RAIL (TY T501)	RAIL (TY C502) (MOD)	BICYCLE RAIL W/ PEDESTAL	SEALED EXPANSION JOINT (4 IN)
	LF	LF	LF	CY	CY	CY	SF	LF	SY	CY	CY	LF	LF	LF	LF
NORTHBOUND 205 BYPASS BRIDGE OVER PHELPS CREEK						64.6				97	44	491.45	495.83	497.38	
2 - ABUTMENTS	26	105	324	59.0											84.6
3 - BENTS			150		58.9										38.8
1 - 240.23' PRESTRESSED CONCRETE BEAM UNIT							8,917	1,424.2	158.2						
1 - 214.19' PRESTRESSED CONCRETE BEAM UNIT							8,236	1,157.7	128.6						
TOTAL	26	105	474	59.0	58.9	64.6	17,153	2,581.9	286.8	97	44	491.45	495.83	497.38	123.4

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DESCRIPTION / ITEM	416	416	420	420	420	422	425	428	432	432	450	450	450	454
	2001	2004	2003	2004	2033	2001	2004	2002	0507	2028	2007	2020	2128	2001
	DRILL SHAFT (18 IN)	DRILL SHAFT (36 IN)	CL C CONC (ABUT)	CL C CONC (BENT)	CL S CONC (APPR SLAB)	REINF CONC SLAB	PRESTR CONC BEAM (TY IV)	CONC SURF TREAT (CLASS II)	RIPRAP (STONE COMMON) (DRY)	BEDDING MATERIAL (6 IN)	RAIL (TY T501)	RAIL (TY C502) (MOD)	BICYCLE RAIL W/ PEDESTAL	SEALED EXPANSION JOINT (4 IN)
	LF	LF	CY	CY	CY	SF	LF	SY	CY	CY	LF	LF	LF	LF
SOUTHBOUND 205 BYPASS BRIDGE OVER PHELPS CREEK					56.0				92	42	482.05	486.89	480.53	
2 - ABUTMENTS	47	324	68.5											
3 - BENTS		150		67.3										
1 - 241.31' PRESTRESSED CONCRETE BEAM UNIT						8,933	1,430.6	992.6						75.3
1 - 202.32' PRESTRESSED CONCRETE BEAM UNIT						7,545	997.4	838.3						38.6
TOTAL	47	474	68.5	67.3	56.0	16,478	2,428.0	1,720.9	92	42	482.05	486.89	480.53	113.9

BEARING SEAT ELEVATIONS

NB205 OVER PHELPS CK  
BEARING SEAT ELEVATIONS

DEC 12, 2007

SB205 OVER PHELPS CK  
BEARING SEAT ELEVATIONS

DEC 12, 2007

BENT 1 (FWD)	BEAM 1 517.377	BEAM 2 517.260	BEAM 3 517.143	BEAM 4 517.025	BEAM 5 516.908	BEAM 6 516.790	BENT 1 (FWD)	BEAM 1 516.589	BEAM 2 516.723	BEAM 3 516.858	BEAM 4 516.992	BEAM 5 517.126	BEAM 6 517.260
BENT 2 (BK) (FWD)	BEAM 1 516.783 516.733	BEAM 2 516.670 516.620	BEAM 3 516.557 516.507	BEAM 4 516.443 516.394	BEAM 5 516.329 516.280	BEAM 6 516.216 516.166	BENT 2 (BK) (FWD)	BEAM 1 515.974 516.030	BEAM 2 516.112 516.168	BEAM 3 516.249 516.305	BEAM 4 516.387 516.443	BEAM 5 516.524 516.580	BEAM 6 516.662 516.718
BENT 3 (BK) (FWD)	BEAM 1 516.127 516.120	BEAM 2 516.012 515.976	BEAM 3 515.897 515.832	BEAM 4 515.782 515.689	BEAM 5 515.667 515.545	BEAM 6 515.553	BENT 3 (BK) (FWD)	BEAM 1 515.446 515.523	BEAM 2 515.582 515.692	BEAM 3 515.717 515.861	BEAM 4 515.853 516.031	BEAM 5 515.988 516.200	BEAM 6 516.123
BENT 4 (BK) (FWD)	BEAM 1 515.577 515.612	BEAM 2 515.420 515.486	BEAM 3 515.263 515.360	BEAM 4 515.106 515.234	BEAM 5 514.949 515.109	BEAM 6 514.983	BENT 4 (BK) (FWD)	BEAM 1 515.069 514.978	BEAM 2 515.226 515.135	BEAM 3 515.383 515.292	BEAM 4 515.540 515.449	BEAM 5 515.697 515.606	
BENT 5 (BK)	BEAM 1 515.211	BEAM 2 515.049	BEAM 3 514.888	BEAM 4 514.726	BEAM 5 514.564	BEAM 6 514.403	BENT 5 (BK)	BEAM 1 514.367	BEAM 2 514.526	BEAM 3 514.686	BEAM 4 514.845	BEAM 5 515.005	

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

205 BYPASS BRIDGES  
OVER PHELPS CREEK  
SUMMARY OF QUANTITIES

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

Unit	PW-DAL-FW	Scale	NONE	Date	11/23/2009
Designed	SDH	Checked		Project No.	60004153
Drawn	SDH	Approved		Sheet	88 of 146