



NORTHBOUND 205 BYPASS FRAMING PLAN

Job No. Project: NB 205 Bypass
Date: DEC 12, 2007

BENT REPORT

BENT NO. 3 (S 85 9 14.34 W)

DISTANCE BETWEEN STATION LINE AND BEAM 1 16.145 R

SPAN	BEAM	BEAM SPAC. (C.L. BENT)	BEAM ANGLE		
			D	M	S
SPAN 3	BEAM 1	0.000	73	52	56
	BEAM 2	8.273	73	49	28
	BEAM 3	8.273	73	46	9
	BEAM 4	8.273	73	42	56
	BEAM 5	8.273	73	39	51
TOTAL		33.094			

BENT NO. 4 (S 70 54 3.40 W)

DISTANCE BETWEEN STATION LINE AND BEAM 1 15.535 R

SPAN	BEAM	BEAM SPAC. (C.L. BENT)	BEAM ANGLE		
			D	M	S
SPAN 3	BEAM 1	0.000	88	8	7
	BEAM 2	7.843	88	4	39
	BEAM 3	7.843	88	1	20
	BEAM 4	7.843	87	58	7
	BEAM 5	7.843	87	55	2
TOTAL		31.371			

BEAM REPORT

BEAM REPORT, SPAN 3

BEAM	HORIZONTAL DISTANCE		TRUE DISTANCE		
	C-C BENT	C-C BRG.	BOT. BM.	FLG.	
BEAM 1	106.958	105.541	106.63		-0.0051
BEAM 2	109.000	107.583	108.67		-0.0052
BEAM 3	111.042	109.625	110.71		-0.0052
BEAM 4	113.083	111.667	112.75		-0.0052
BEAM 5	115.125	113.709	114.79		-0.0052

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BENT NO. 4 (S 70 54 3.40 W)

DISTANCE BETWEEN STATION LINE AND BEAM 1 15.535 R

SPAN	BEAM	BEAM SPAC. (C.L. BENT)	BEAM ANGLE		
			D	M	S
SPAN 4	BEAM 1	0.000	88	28	19
	BEAM 2	6.274	89	27	37
	BEAM 3	6.274	89	32	25
	BEAM 4	6.274	88	31	52
	BEAM 5	6.274	87	30	44
	BEAM 6	6.274	86	29	3
TOTAL		31.371			

BENT NO. 5 (S 74 43 14.39 W)

DISTANCE BETWEEN STATION LINE AND BEAM 1 9.276 R

SPAN	BEAM	BEAM SPAC. (C.L. BENT)	BEAM ANGLE		
			D	M	S
SPAN 4	BEAM 1	0.000	84	39	8
	BEAM 2	8.097	85	38	26
	BEAM 3	8.097	86	38	23
	BEAM 4	8.097	87	38	56
	BEAM 5	8.097	88	40	4
	BEAM 6	8.097	89	41	45
TOTAL		40.486			

BEAM REPORT

BEAM REPORT, SPAN 4

BEAM	HORIZONTAL DISTANCE		TRUE DISTANCE		
	C-C BENT	C-C BRG.	BOT. BM.	FLG.	
BEAM 1	104.341	102.922	104.01		-0.0039
BEAM 2	103.770	102.351	103.44		-0.0043
BEAM 3	103.229	101.811	102.90		-0.0046
BEAM 4	102.720	101.303	102.39		-0.0050
BEAM 5	102.243	100.826	101.91		-0.0054
BEAM 6	101.799	100.382	101.47		-0.0058

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

NORTHBOUND 205 BYPASS BRIDGE OVER PHELPS CREEK FRAMING PLAN (SPANS 3 AND 4)

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	100 of 146

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