



- NOTES:
- SEE GRADING PLAN AT 274+20.36 FOR MORE DETAILS.
 - 1.1° IS CULVERT SKEW "V" USED TO CALCULATE HEADWALL DIMENSIONS AS SHOWN ON TXDOT STANDARD PW.
 - SEE MISCELLANEOUS DRAINAGE DETAILS SHET FOR RAILING AND SIDEWALK DETAIL.

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
T.H. Gaertner, P.E.
TX NO. 37124

NO.	REVISION	BY	DATE
2	CULVERT SIZE AND LENGTH, C221 RAILING, SIDEWALK	THG	7/02/08
1	CULVERT SIZE AND LENGTH, C221 RAILING, SIDEWALK	THG	5/22/08

City of Rockwall, Texas

**205 BYPASS
PHASE 0**

**CULVERT PLAN & PROFILE
AT STA 274+20.36**

1 OF 2

Unit	PW-DAL-FW	Scale	Horz: AS SHOWN Vert: AS SHOWN	Date	11/24/2009
Designed	R1/US	Checked	TCB	Project No.	60004153
Drawn	FG	Approved	TCB	Sheet	88A of 216

CULVERT @ THOMPSON CREEK
 @ 205 BYPASS STA 274+20.36
 130 LF (7) 10' x 8' MBC CULVERT
 2-SW

Q** (cfs)	TW	KE	MATERIAL	MANNING'S N VALUE	INLET TYPE	HW	VEL (ft/s)	OVERTOP ROAD
100 YR	5328	444.47	0.50	CONCRETE	0.013	PW	447.81	12.48

** DISCHARGES OBTAINED FROM PRELIMINARY DRAFT OF MASTER DRAINAGE STUDY BY NWRS, MAY 2006

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 11/24/2009