



- NOTES:
1. REFERENCE GRADING PLAN AT STA 48+00 FOR GRADING/RIPRAP DETAILS.
  2. TOC ELEVATION SHOWN IS AT CENTERLINE OF CULVERT. TOC SHALL PARALLEL STREET GRADE.
  3. SEE MISC. DRAINAGE DETAILS SHEET FOR RAILING AND SIDEWALK DETAILS.

**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
<b>205 BYPASS PHASE 3</b>			
<b>CULVERT PLAN &amp; PROFILE AT STA 48+00</b>			
		<small>TCB INC. WWW.TCB.AECOM.COM 17300 DALLAS PARKWAY, SUITE 1010 DALLAS, TEXAS 75248</small>	
Unit	PW-DAL-FW	Scale	Horz: AS SHOWN Vert: AS SHOWN
Designed	US/SB	Checked	TCB
Drawn	FG	Approved	TCB
Date	11/23/2009		Project No. 60004153
Sheet	79	of	215

	C	i	A	Q*	TW	KE	MATERIAL	MANNING'S N VALUE	INLET TYPE	HW	VEL (ft/s)	OVERTOP ROAD
		(In/hr)	(acres)	(cfs)								
25 YR	0.50	6.7	82.67	277	536.35	0.50	CONCRETE	0.012	PW	539.36	8.23	NO
50 YR	0.50	7.4	82.67	306	536.40	0.50	CONCRETE	0.012	PW	539.61	8.51	NO
100 YR	0.50	8.33	82.67	344	536.47	0.50	CONCRETE	0.012	PW	539.93	8.84	NO

\* DISCHARGES BASED ON CITY OF ROCKWALL CRITERIA.

CULVERT  
 Q 205 BYPASS STA 48+00.00  
 120 LF (4) 4' x 3' RBC CULVERT  
 2-PW

\\usd011\p001\pww\4328\60004153-205bypass\cadd\sheet\phase 3 - 1 30 to station sh 66\record drawing 10\_7\_09\079culvert+sta 48+00.dgn  
 11/23/2009