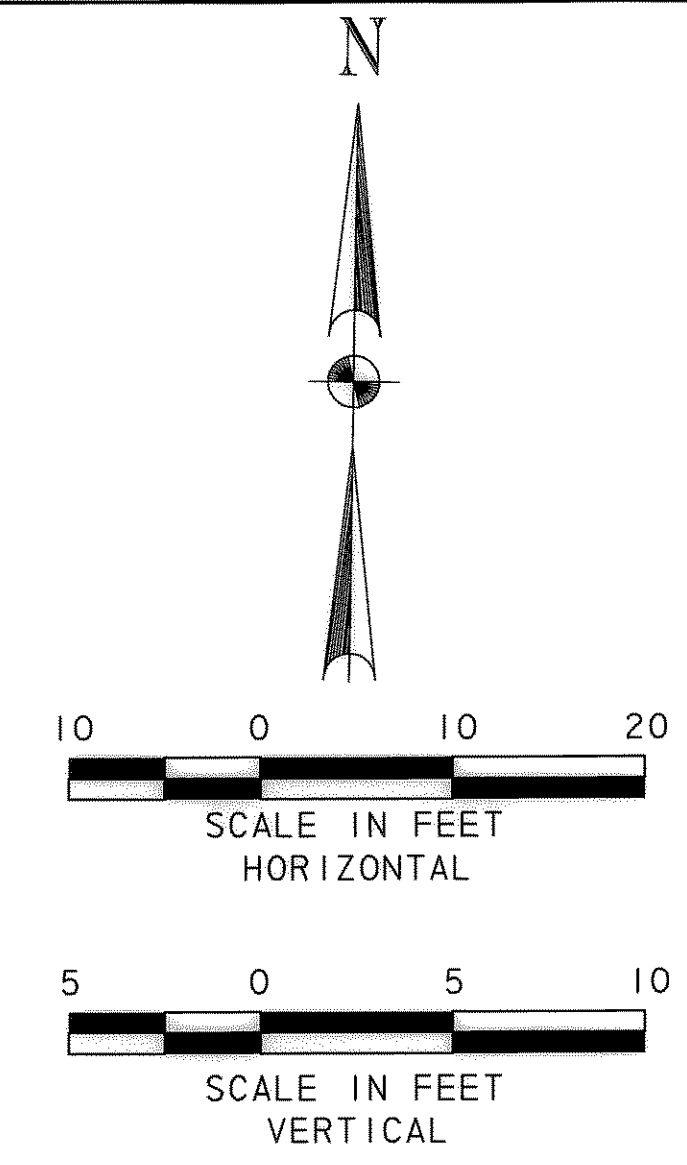


RAIL DETAIL



- NOTE
1. SEE DEMOLITION PLAN SHEET, FOR ITEMS TO BE REMOVED OR ADJUSTED.
  2. REFERENCE STREAM 6 GRADING PLAN FOR PROPOSED GRADING AND STREAMED STABILIZATION.
  3. REFERENCE UTILITY LAYOUT SHEETS FOR LOCATION AND ADJUSTMENTS OF EXISTING UTILITIES.
  4. SIDEWALK SHALL BE PER NCTCOG STANDARD DRAWING 2170 AS MODIFIED BY ROCKWALL STANDARDS AND THIS DRAWING PROVIDE 1/2" THICK PREMOLED ASPHALTIC TYPE EXPANSION JOINT FILLER WITH HOT POURED RUBBER JOINT SEALING COMPOUND AT TOP 1/2".

**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., 18PPE REG. NO. F-3082

ORIGINAL DRAWING SEALED & SIGNED BY  
 John W. Lacy, P.E.  
 TX NO. 90202

NO.	REVISION	BY	DATE



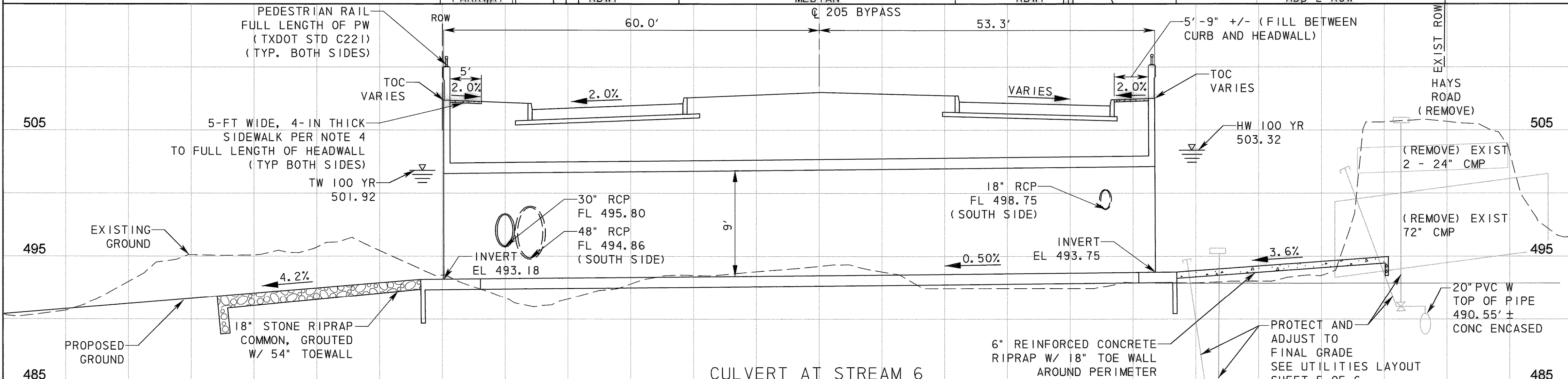
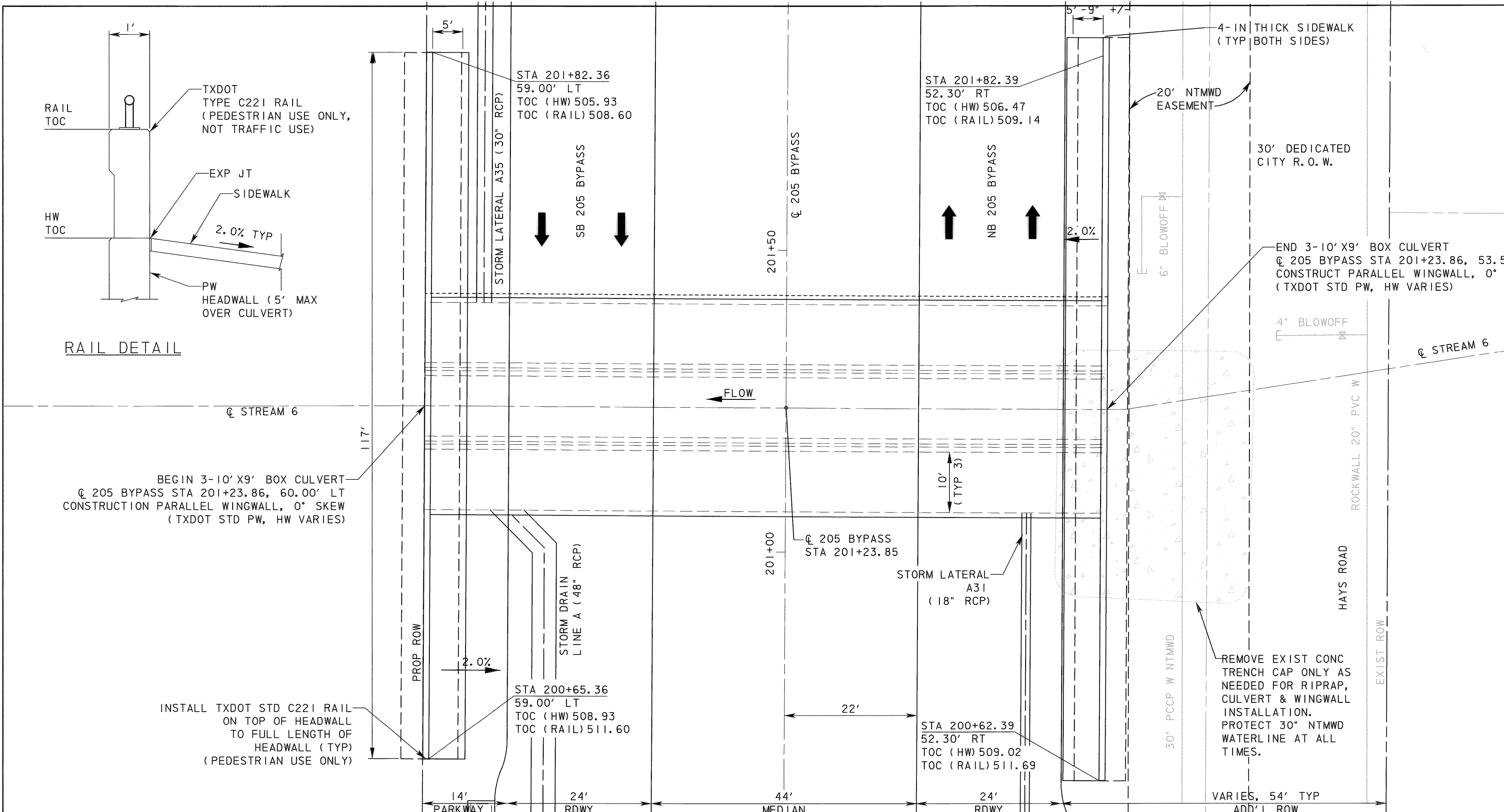
**205 BYPASS SECTION 1**

**CULVERT PLAN AND PROFILE  
 STREAM 6 AT STA 201+24**

1 OF 2

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

Unit	Scale	Horz	AS SHOWN	Vert	AS SHOWN	Date	11/11/2009
Designed	SRR/SDB	Checked	TCB	Project No.	60004153	Drawn	FG
Approved	TCB	Sheet	87	of	217		



CULVERT AT STREAM 6  
 @ 205 BYPASS STA 201+23.86  
 114 LF TRIPLE 10'X9' RCB CULVERT (SCP-10)  
 2-PW

	Q* (cfs)	TW	KE	MATERIAL	MANNING'S N VALUE	INLET TYPE	HW	VEL (ft/s)	OVERTOP ROAD
50 YR	1819	501.36	0.50	CONCRETE	0.013	PW	502.61	7.99	NO
100 YR	2053	501.92	0.50	CONCRETE	0.013	PW	503.32	8.39	NO

\* DISCHARGES BASED ON CITY OF ROCKWALL CRITERIA.

P:\4328\60004153-205Bypass\CADD\Sheets\Section1-140-00-To-FM52\Record Drawing 10\_7\_09\087Culvert1-stream6.dgn  
 11/17/2009