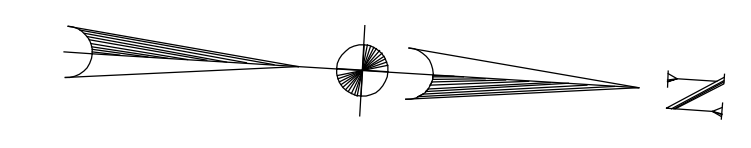
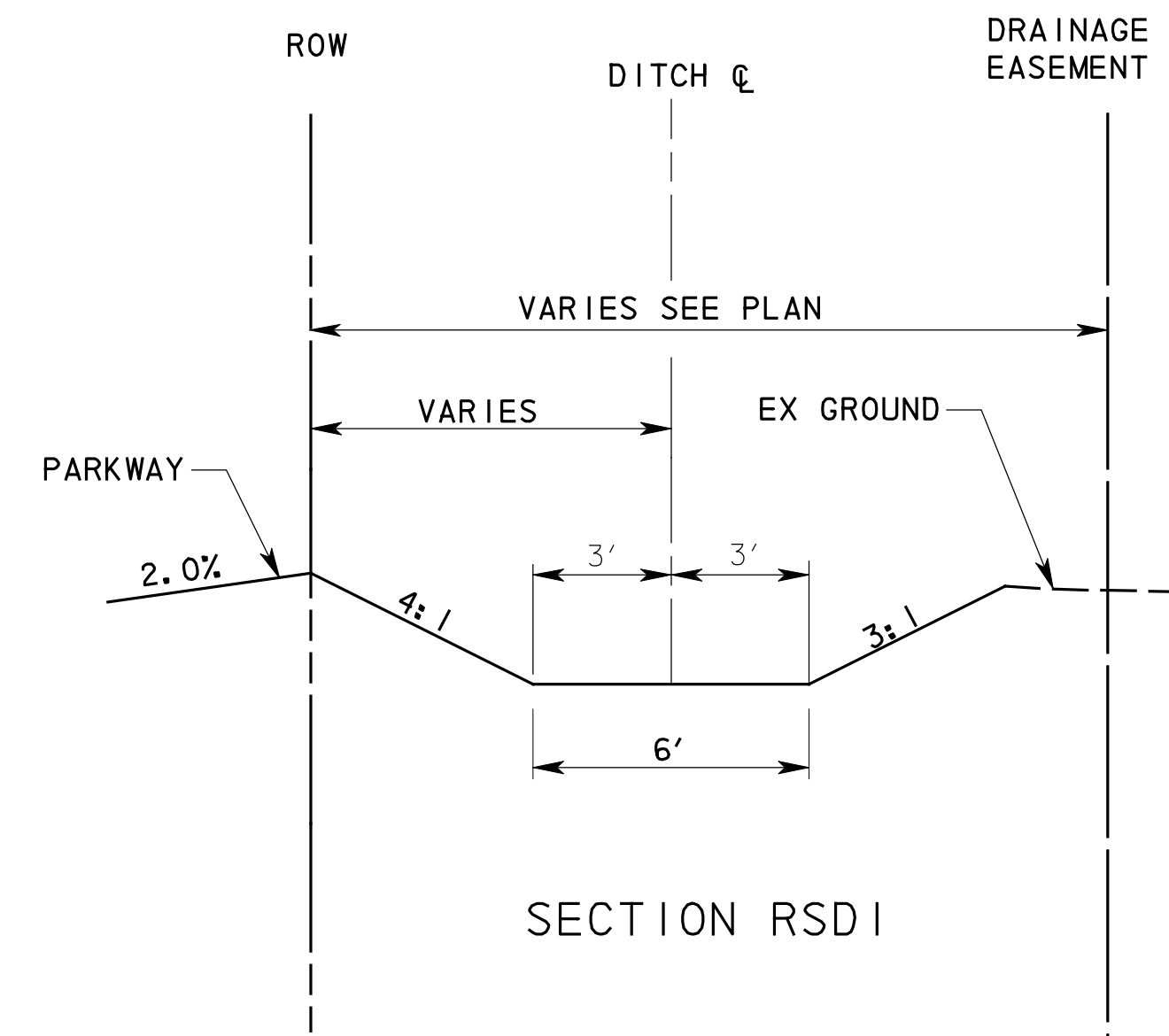


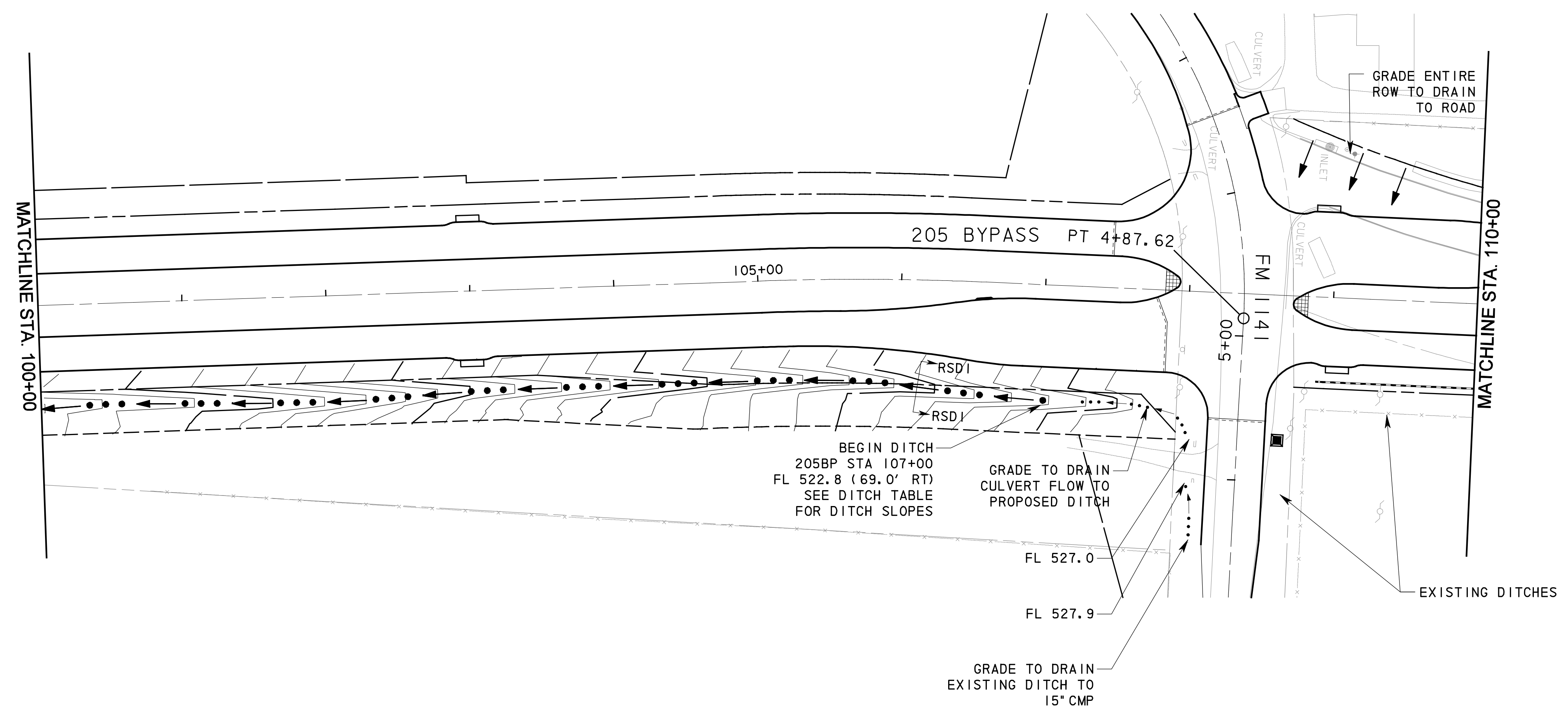
DITCH RSDI			
205BP Station	CL Offset	Ditch CL El.	Slope
107+00	69.0	522.8	3.8%
106+50	69.0	520.9	3.5%
106+00	69.0	519.1	3.0%
105+50	69.0	517.6	3.0%
105+00	69.0	516.1	3.0%
104+50	69.0	514.6	3.0%
104+00	69.0	513.1	3.0%
103+50	69.0	511.6	3.0%
103+00	69.0	510.1	4.4%
102+50	72.3	507.9	3.6%
102+00	73.5	506.1	2.8%
101+50	73.1	504.7	1.6%
101+00	70.9	503.9	1.4%
100+50	69.5	503.2	2.5%
100+00	71.7	501.9	-

DITCH RSDI - OPEN CHANNEL HYDRAULIC CALCULATIONS						
100 YR FLOW	n	DESIGN SLOPE	DESIGN FLOW DEPTH	VELOCITY	MIN FREE BOARD	TOP WIDTH
13.62	0.035	1.40%	0.57	2.88	0.93	10.56



- LEGEND**
- PROPOSED ROW
 - PROPOSED DITCH LINE
 - DRAINAGE EASEMENT
 - TEMP SLOPE EASEMENT

NOTE:
 USE IMPORTED TOP SOIL WITHIN THE ROW AND ON EARTHEN CHANNEL SLOPES. USE TOP SOIL FROM THE PROJECT SITE FOR ALL OTHER DISTURBED AREAS OUTSIDE OF ROW. THE IMPORTED TOP SOIL SHALL MEET THE REQUIREMENTS OF C.O.G. SPEC 3.8.1 AND BE A CLAY SILT OR SILTY CLAY TYPE SOIL MEETING THE APPROVAL OF THE CITY FOR USE ON THIS PROJECT.



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

City of Rockwall, Texas

205 BYPASS PHASE 2

DITCH LAYOUT STA. 100+00 TO STA. 110+00

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

Unit	PW-DAL-FW	Scale	Horz: AS SHOWN Vert: AS SHOWN	Date	11/23/2009
Designed	SB	Checked	TCB	Project No.	60004153
Drawn	FG	Approved	TCB	Sheet	32 of 142

P:\4328\60004153\205Bypass\CADD\Sheets\Phase 2 - SH 66 To 120+00\Record Drawing 10_7_09\032D1rch Plcm03.dgn
 11/23/2009