

QUAIL RUN RD. DRIVE

HAYS RD. DRIVE

Point QRUNEDW1 N 7,037,777.57 E 2,599,829.19 Sta 0+00.00

Point HAYSDW1 N 7,040,266.90 E 2,596,780.34 Sta 0+00.00

Course from QRUNEDW1 to PC QRUNEDW-1 S 14° 39' 32.36" E Dist 35.90

Course from HAYSDW1 to HAYS2 N 89° 24' 37.90" E Dist 150.00

Curve Data

QRUNEDW-1

Curve QRUNEDW-1  
 P.I. Station = 0+62.23 N 7,037,717.36 E 2,599,844.94  
 Delta = 14° 59' 49.83" (RT)  
 Degree = 28° 38' 52.40"  
 Tangent = 26.33  
 Length = 52.35  
 Radius = 200.00  
 External = 1.73  
 Long Chord = 52.20  
 Mid. Ord. = 1.71  
 P.C. Station = 0+35.90 N 7,037,742.83 E 2,599,838.27  
 P.T. Station = 0+88.25 N 7,037,691.04 E 2,599,844.78  
 C.C. = N 7,037,692.22 E 2,599,644.79  
 Back = S 14° 39' 32.36" E  
 Ahead = S 0° 20' 17.46" W  
 Chord Bear = S 7° 09' 37.45" E

Course from PT QRUNEDW-1 to QRUNEDW2 S 0° 20' 17.46" W Dist 40.74

Point HAYS2 N 7,040,268.45 E 2,596,930.33 Sta 1+50.00

Point QRUNEDW2 N 7,037,650.30 E 2,599,844.54 Sta 1+29.00

FM 552

Point FM55201 N 7,041,388.69 E 2,596,442.71 Sta 5+00.00

Course from FM55201 to PC FM552-1 N 89° 24' 39.31" E Dist 349.19

Curve Data

FM552-1

Curve FM552-1  
 P.I. Station = 9+45.90 N 7,041,393.27 E 2,596,888.59  
 Delta = 2° 12' 58.34" (RT)  
 Degree = 1° 08' 45.30"  
 Tangent = 96.71  
 Length = 193.40  
 Radius = 5,000.00  
 External = 0.94  
 Long Chord = 193.39  
 Mid. Ord. = 0.94  
 P.C. Station = 8+49.19 N 7,041,392.28 E 2,596,791.88  
 P.T. Station = 10+42.59 N 7,041,390.53 E 2,596,985.26  
 C.C. = N 7,036,392.54 E 2,596,843.28  
 Back = N 89° 24' 39.31" E  
 Ahead = S 88° 22' 22.35" E  
 Chord Bear = S 89° 28' 51.52" E

Curve Data

FM552-2


Curve FM552-2  
 P.I. Station = 11+46.20 N 7,041,387.59 E 2,597,088.82  
 Delta = 2° 22' 35.02" (LT)  
 Degree = 1° 08' 49.18"  
 Tangent = 103.61  
 Length = 207.18  
 Radius = 4,995.29  
 External = 1.07  
 Long Chord = 207.17  
 Mid. Ord. = 1.07  
 P.C. Station = 10+42.59 N 7,041,390.53 E 2,596,985.26  
 P.T. Station = 12+49.77 N 7,041,388.94 E 2,597,192.42  
 C.C. = N 7,046,383.81 E 2,597,127.10  
 Back = S 88° 22' 22.35" E  
 Ahead = N 89° 15' 02.63" E  
 Chord Bear = S 89° 33' 39.86" E

Course from PT FM552-2 to FM55202 N 89° 15' 02.63" E Dist 110.22

Point FM55202 N 7,041,390.38 E 2,597,302.64 Sta 13+60.00

**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  
 Matthew L. Abbe, P.E.  
 TX NO. 92715

NO.	REVISION	BY	DATE
 <b>City of Rockwall, Texas</b> 205 BYPASS SECTION 1 HORIZONTAL CONTROL DATA 2 OF 2			
TCB   AECOM <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	Date 11/11/2009
Designed	SKW/MLA	Checked TCB	Project No. 60004153
Drawn	TCB	Approved TCB	Sheet 40 of 217

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 11/11/2009