CURVE DATA
R=688.00
L=28.70
TAN=14.35
Δ=8° 19' 40.35

CURVE DATA
R=688.00
L=17.82
TAN=8.91
Δ=1° 29' 02.90

STA 10+56.57, 10.50'LT
CONSTRUCT A-2:
1-10' INLET
TOI=570.27
FL=565.77
N=7026052.59
E=2602632.06

MATCH LINE STA. 6+00

MATCH LINE STA. 11+00

PT STA. 6+19.75

PC STA. 10+05.55

PT STA. 10+23.37

PT STA = 6+40.50

PT STA = 10+14.69

PROP. 24" RCP

PROP. 18" RCP

SD LINE "A"

AIRPORT RD.

LAT A-2

LAT A-5

LAT A-6

12.00'

N 88° 25' 34.13" E
385.80'

N 86°

6+00 7+00 8+00 9+00 10+00 11+00

0 10' 20' 40'
SCALE IN FEET

N

METAL AIRCRAFT HANGER
ASPHALT TAXIWAY
POWER POLE
TELEPHONE RISER
ELECTRIC METER
SPRINKLER CONTROL VALVE
GUY WIRE
SIGN
CP-20
HALT
TELEPHONE PANEL
TELEPHONE MANHOLE
TELEPHONE HANDHOLE
WATER METER
WV-11
WV-12
WV-13
SPEED SIGN
STREET LIGHT
ASPHALT ROAD
WATER MAIN
BARBED WIRE FENCE
U/G TELEPHONE LINE
U/G ELEC. DIGTESS
OVERHEAD UTILITY LINES
F/L,18"CMP=566.83
F/L,18"CMP=566.99
F/L,18"CMP=566.16
8"HACKBERRY/
12"CEDAR/
JACKIE RAY ATHEY, VOL. 213, PG. 542, D.R.R.C

STA 6+94.19 SD LINE 'A'=
AIRPORT RD ℄ STA 6+40.50, 12' LT
CONSTRUCT:
1-24"x24"x18"x45° WYE
N=7026031.06
E=2602270.41

STA 7+28.69, 34.50'RT
CONSTRUCT A-6:
1-10' INLET
TOI=564.01
FL=559.51
N=7025997.52
E=2602305.84

BOBBY FRANK ATHEY,
VOL. 4875 PG. 117,
TRACT B1, D.R.R.C.T.

STA 10+56.02
CONSTRUCT:
1-4' X 4' MANHOLE
RIM= 570.17
N=7026042.11
E=2602632.61

STA 10+65.36, 34.50'RT
CONSTRUCT A-5:
1-15' INLET
TOI=570.46
FL=565.96
N=7026008.12
E=2602643.24

JO ANN ATHEY, VOL. 4875 PG. 133, TRACT C1

This Record Drawing is a combination of the sealed engineering construction drawings for this project and subsequent revisions prepared by the contractor reflecting changes in the construction. Freese and Nichols has not sealed these drawings and are on file at the offices of
FREESE AND NICHOLS, INC.
4055 INTERNATIONAL PLAZA, SUITE 200
FORT WORTH, TEXAS 76109
(817) 735-7300 RECORD DRAWINGS
FIRM REGISTRATION
TX F-2144

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TEXAS NO. 83882
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Freese and Nichols, Inc. Texas Board of Professional Engineers Reg. No. 2144

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Group Vision. Local Focus.
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Dallas, TX 75202-2001
Phone - (214) 217-2200
Fax - (214) 217-2250
Web - www.freese.com

CITY OF ROCKWALL, TEXAS

AIRPORT ROAD RECONSTRUCTION

CIVIL

STORM DRAIN PLAN AND PROFILE STA 6+00 TO STA 11+00

NO.	ISSUE	BY	DATE

F&N JOB NO. ROK08461
DATE 05/15/12
DESIGNED KRJ
DRAWN SLI
REVISED
CHECKED
FILE NAME cv-trt-pp-stdn02.sht

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1"

SHEET SD-2
SEQ. 39 OF 79

Q_P = 27.71 cfs
Q_{100} = 33.90cfs
c.s. = FULL
v = 10.79 fps
HGL @ 2.27%

Q_P = 33.93 cfs
Q_{100} = 28.01 cfs
c.s. = FULL
v = 8.91 fps
HGL @ 1.55%

HGL (IN)= 559.01
HGL (OUT) = 560.57

HGL (IN) = 566.16
HGL (OUT) = 566.99

EXISTING GROUND

PROPOSED GROUND

100 YR HGL

MATCH LINE STA. 6+00

MATCH LINE STA. 11+00

94 LF 24" RCP CLASS III @ 1.50%

362 LF 24" RCP CLASS III @ 2.25%

42 LF 18" RCP CLASS III @ 2.80%

STA 6+94.19
CONNECT LAT A-6
FL 24" = 555.11
FL 18" LAT A-6 = 555.61

STA 10+56.02
CONNECT LAT A-2 & A-5
TO 4' MANHOLE
FL 24" = 563.24
FL 18" = 563.74
FL 18" LAT A-2 = 564.72
FL 18" LAT A-5 = 563.74

PGL = 561.14
PGL = 562.14
PGL = 563.15
PGL = 564.15
PGL = 565.15
PGL = 566.15
PGL = 566.97
PGL = 567.72
PGL = 568.72
PGL = 569.82

580 575 570 565 560 555 550 545 540 535

6+00 7+00 8+00 9+00 10+00 11+00

MicroStation V8 User: 02069Office: Dallas
ROK08461 N:\IF\Drawings\cv-trt-pp-stdn02.sht
Plot Driver: HP DesignJet 815mx PS_ePlot.pltcfg
Plot Scale: 40.0000 ' / in.
Date: Jan. 29, 2013 - 08:13:28 AM
cv-trt-pr-STDprofile01.dgn
cv-trt-pr-STDprofile01.dgn
34Border.dgn
cv-trt-pi-dlgn01.dgn
cv-trt-pi-design01.dgn
cv-trt-pi-plan01.dgn
cv-trt-pi-std01.dgn
cv-trt-pi-title.dwg
Model: Default
Project: Freese and Nichols, inc.