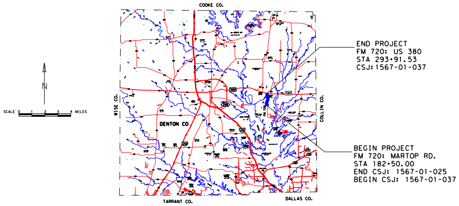
Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC

WILLIAM L. HALE, P.E., DISTRICT ENGINEER
DENTON COUNTY
FARM TO MARKET ROAD 720
PROJECT LIMIT: 360' SOUTH OF MARTOP ROAD
TO US 380
CONTROL: 1567-01-037
US 380 FUNCTIONAL CLASS: PRINCIPLE URBAN ARTERIAL
DESIGN SPEED: 60 mph
FM 720 FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
DESIGN SPEED: 40 mph FM 720
30 mph Side Streets
PROJECT LENGTH = 2.111 MI.


COOKE CO.
WISE CO.
COLLIN CO.
TARRANT CO.
DALLAS CO.
DENTON CO
N
SCALE 0 1 2 3 4 MILES
END PROJECT
FM 720: US 380
STA 293+91.53
CSJ: 1567-01-037
BEGIN PROJECT
FM 720: MARTOP RD.
STA 182+50.00
END CSJ: 1567-01-025
BEGIN CSJ: 1567-01-037

LOCATION MAP

FEBRUARY 2014
SCALE: 1"=100' H, 1"=10'V
ROLL 1 OF 3

APPROVED SCHEMATIC NOT FOR CONSTRUCTION

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NAME	P.E. NO.	DATE
NELSON L. UNDERWOOD	91203	04/28/2014

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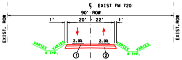
#DATE#
#FILE#

LEGEND

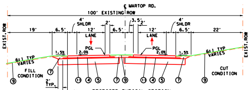
- NB-15 PROPERTY OWNER LABEL
- ⬡1 CURVE NO. LABEL
- — · — EXISTING ROW
- ━ ·· ━ PROPOSED ROW
- → DIRECTION OF TRAFFIC
- — · — EXISTING PROPERTY LINE
- — · — EXISTING LOT LINE
- ▨ ROADWAY REMOVAL
- ▨ BUILDING REMOVAL
- ═ EXISTING STORM SEWER
- — EXISTING CONTOURS
- — EXISTING PAVEMENT EDGES
- – – EXISTING UTILITY EASEMENTS
- ▨ EXISTING 100-YEAR FLOODPLAIN
- — · — PROPOSED CENTERLINE
- — ·· — PROPOSED DRAINAGE EASEMENT
- ═ PROPOSED STORM SEWER
- ▬ PROPOSED R.O.W. ACQUISITION
- ▬ PROPOSED PAVEMENT
- ▬ PROPOSED CONC. SIDE STREET PAV.
- ▬ PROPOSED ASPH. SIDE STREET PAV.
- ▬ PROPOSED DRIVEWAY APPROAH PAV.
- ▬ PROPOSED CONC. DRIVEWAY PAVE.
- ▬ PROPOSED ASPH. DRIVEWAY PAVE.
- ▬ PROPOSED SIDEWALK
- ▦ PROPOSED PAVED MEDIAN


℄ EXIST FM 720
90' ROW
1' 20' 22' 1'
EXIST. ROW
2.0%
VARIES
4' TYP.
①
②

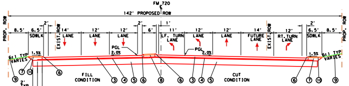
EXISTING TYPICAL SECTION

LEGEND

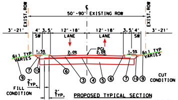
1.) EXIST. TWO COURSE HOT MIX SURF. TREATMENT (PER ASBUILT) - 4 ¼"
2.) EXIST. 82 CY. PER STA. ROADBED TREATMENT (PER ASBUILT) - 4 ¼"
3.) CRCP
4.) HMAC (TY B) BASE
5.) LIME TREATED SUBGRADE
6.) TYPE II CURB (MONO)
7.) BACKFILL
8.) CONCRETE MEDIAN
9.) BLOCK SOD
10.) CONC. SIDEWALK
11.) ASPHALT PAVEMENT


℄ MARTOP RD.
100' EXISTING ROW
EXIST. ROW
19' 6.5' 12' 12' 6.5' 22'
4' SHLDR
LANE
PGL
2.0%
1.5%
6:1 TYP VARIES
FILL CONDITION
CUT CONDITION
2' TYP.

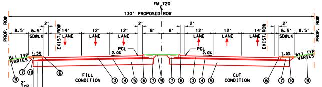
PROPOSED TYPICAL SECTION
MARTOP ROAD
STA. 14+00.00 TO STA. 15+35.00


FM 720 ℄
142' PROPOSED ROW
PROP. ROW
EXIST. ROW
8.5' 6.5' SDWLK
14' LANE
12' LANE
12' LANE
6'
11' LF. TURN LANE
12' LANE
12' LANE
14' FUTURE LANE
12' RT. TURN LANE
PGL 2.0%
1.5%
6:1 TYP VARIES
FILL CONDITION
CUT CONDITION
2' TYP.

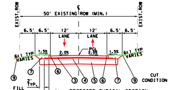
PROPOSED TYPICAL SECTION
WITH RIGHT TURN LANE
AND LEFT TURN LANE
STA. 289+24.26 TO STA. 293+05.28 RT TURN BAY
STA. 289+42.02 TO STA. 293+42.01 LT TURN BAY


℄
50'-90' EXISTING ROW
EXIST. ROW
3'-21' 4' 3.5' 12'-18' 12'-18' 3.5' 4' 3'-21'
SW
LANE
PGL
2.0%
1.5%
6:1 TYP VARIES
FILL CONDITION
CUT CONDITION
2' TYP.

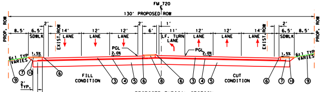
PROPOSED TYPICAL SECTION
TRAILBLAZER DRIVE, REMINGTON DRIVE
JENNY LANE


FM 720 ℄
130' PROPOSED ROW
PROP. ROW
EXIST. ROW
8.5' 6.5' SDWLK
14' LANE
12' LANE
12' LANE
8' 8'
12' LANE
12' LANE
14' LANE
PGL 2.0%
1.5%
6:1 TYP VARIES
FILL CONDITION
CUT CONDITION
2' TYP.

PROPOSED TYPICAL SECTION
STA. 191+03.23 TO STA. 204+02.58
STA. 212+70.99 TO STA. 219+99.06
STA. 223+59.09 TO STA. 227+29.97
STA. 232+40.35 TO STA. 245+39.63
STA. 254+98.85 TO STA. 261+48.40
STA. 270+14.72 TO STA. 277+94.32
STA. 286+64.41 TO STA. 289+42.02


℄
50' EXISTING ROW (MIN.)
EXIST. ROW
6.5' 6.5' 12' 12' 6.5' 6.5'
LANE
PGL
2.0%
1.5%
6:1 TYP VARIES
FILL CONDITION
CUT CONDITION
2' TYP.

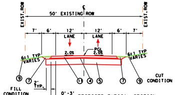
PROPOSED TYPICAL SECTION
CROSS OAKS RANCH BLVD


FM 720 ℄
130' PROPOSED ROW
PROP. ROW
EXIST. ROW
8.5' 6.5' SDWLK
14' LANE
12' LANE
12' LANE
6'
11' LF. TURN LANE
12' LANE
12' LANE
14' LANE
PGL 2.0%
1.5%
6:1 TYP VARIES
FILL CONDITION
CUT CONDITION
2' TYP.

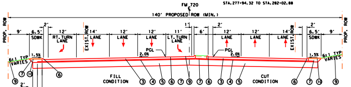
PROPOSED TYPICAL SECTION
WITH LEFT TURN LANE

SOUTHBOUND LEFT-TURN BAYS
STA. 208+66.69 TO STA. 212+70.99
STA. 219+59.07 TO STA. 223+59.09
STA. 249+99.38 TO STA. 254+98.85
STA. 266+14.73 TO STA. 270+14.72
STA. 282+64.42 TO STA. 286+64.41

NORTHBOUND LEFT-TURN BAYS
STA. 181+68.59 TO STA. 185+68.62
STA. 204+02.58 TO STA. 208+02.58
STA. 227+29.97 TO STA. 231+30.00
STA. 245+39.63 TO STA. 249+39.35
STA. 261+48+40 TO STA. 265+54.78
STA. 277+94.32 TO STA. 282+02.88

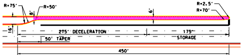

℄
50' EXISTING ROW
EXIST. ROW
7' 6' 12' 12' 6' 7'
LANE
PGL
2.0%
6:1 TYP VARIES
FILL CONDITION
CUT CONDITION
2' TYP.
0'-3' TYP.

PROPOSED TYPICAL SECTION
LLOYD'S ROAD, QUAIL MEADOWS LANE
AND WAGGIN TAILS RANCH ROAD

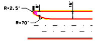

FM 720 ℄
140' PROPOSED ROW (MIN.)
PROP. ROW
EXIST. ROW
9' 6.5' SDWK
12' RT. TURN LANE
14' LANE
12' LANE
12' LANE
11' LT. TURN LANE
6'
12' LANE
12' LANE
14' LANE
6.5' 9' SDWK
PGL 2.0%
1.5%
6:1 TYP VARIES
FILL CONDITION
CUT CONDITION
2' TYP.

PROPOSED TYPICAL SECTION
WITH RIGHT TURN LANE
STA. 186+52.18 TO STA. 190+52.24 LT-TURN BAY
STA. 186+59.62 TO STA. 191+03.23 RT-TURN BAY

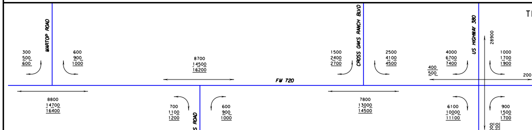
TYPICAL SECTIONS


R=75'
R=50'
R=2.5'
R=70'
6'
16'
275' DECELERATION
175' STORAGE
50' TAPER
450'

LEFT-TURN BAY DETAIL (TYPICAL)



MEDIAN NOSE DETAIL (TYPICAL)

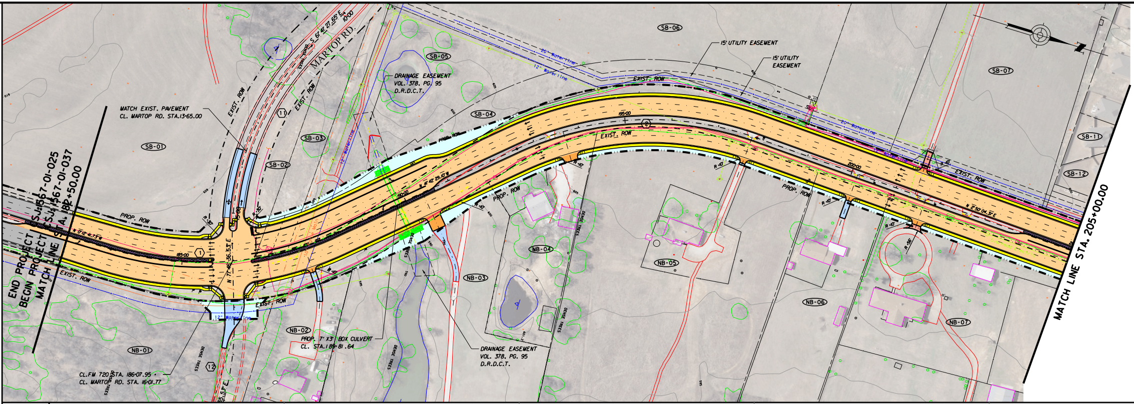

MARTOP ROAD
LLOYDS ROAD
CROSS OAKS RANCH BLVD
US HIGHWAY 380
FM 720
300 500 600
600 900 1000
8700 14500 16200
8800 14700 16400
700 1100 1200
600 900 1000
1500 2400 2700
2500 4100 4500
7800 13000 14500
400 500
4000 6700 7400
6100 10000 11100
28900
48000 53200
1000 1700 1900
200
900 1500 1700

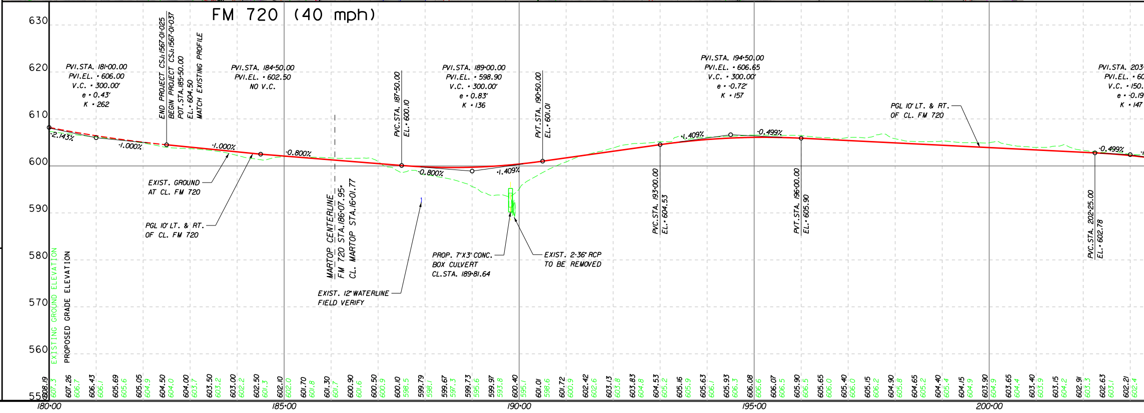
TRAFFIC DIAGRAM
N.T.S.

TRAFFIC VOLUME DIAGRA
OF FM 720

BASED ON DATA OBTAINED FROM
TRANSPORTATION PLANNING AND PROGRAMMI
TXDOT, AUSTIN, TEXAS
UPDATED OCTOBER 2, 2013

LEGEND
1,000 - 2014
1,000 - 2034
1,000 - 2044

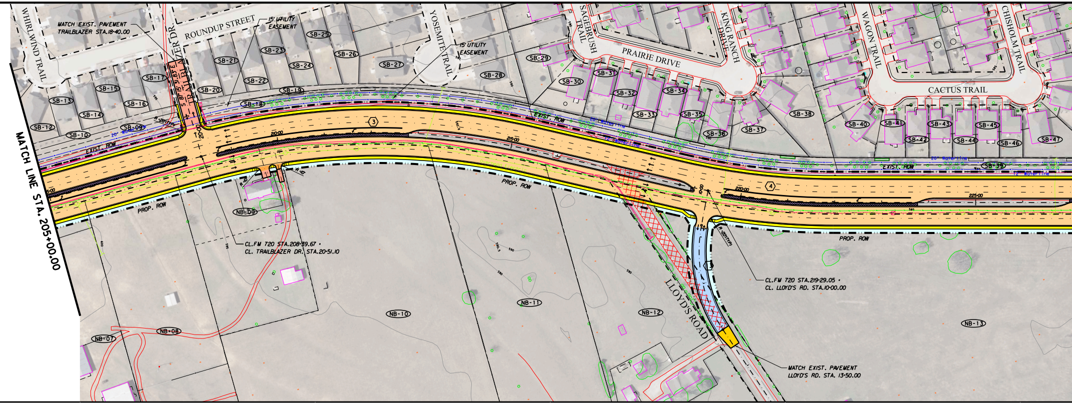

END PROJECT CSJ:1567-01-025
BEGIN PROJECT CSJ:1567-01-037
MATCH LINE STA. 182+50.00
MATCH EXIST. PAVEMENT
CL. MARTOP RD. STA.13+65.00
EXIST. ROW
PROP. ROW
N 0°12'41.75" W
185+00
N 71°46'36.53" E
R=30'
15.00'
CL.FM 720 STA. 186+07.95 =
CL. MARTOP RD. STA. 16+01.77
12" Waterline
DENSE TREES
S 6°41'27.65" E
MARTOP RD.
SB-01
SB-02
SB-03
SB-04
SB-05
SB-06
SB-07
SB-11
SB-12
NB-01
NB-02
NB-03
NB-04
NB-05
NB-06
NB-07
DRAINAGE EASEMENT
VOL. 378, PG. 95
D.R.D.C.T.
PROP. 7'X3' BOX CULVERT
CL. STA.189+81.64
190+00
N 4°42'29.10" W
195+00
200+00
N 8°50'04.37" E
20" Waterline
12" Waterline
15' UTILITY EASEMENT
15' UTILITY
EASEMENT
R=10'
R=56'
MATCH LINE STA. 205+00.00

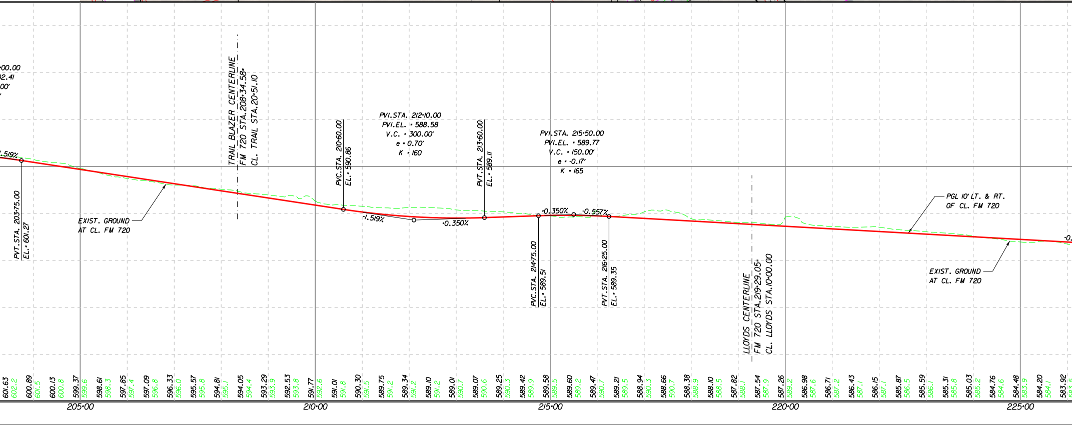


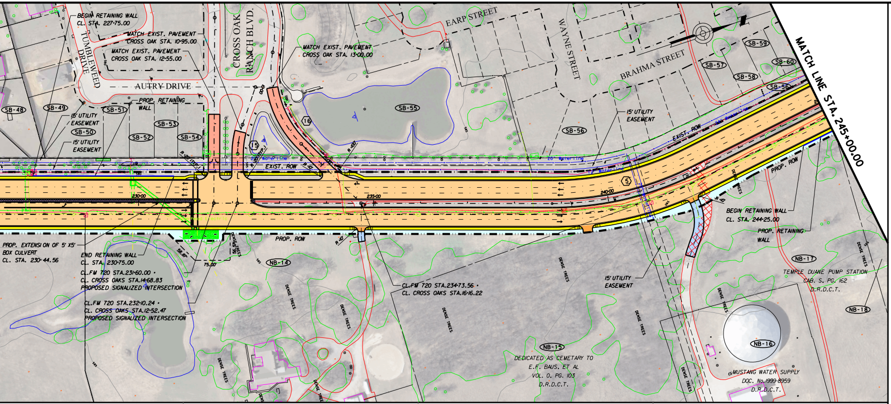
AM

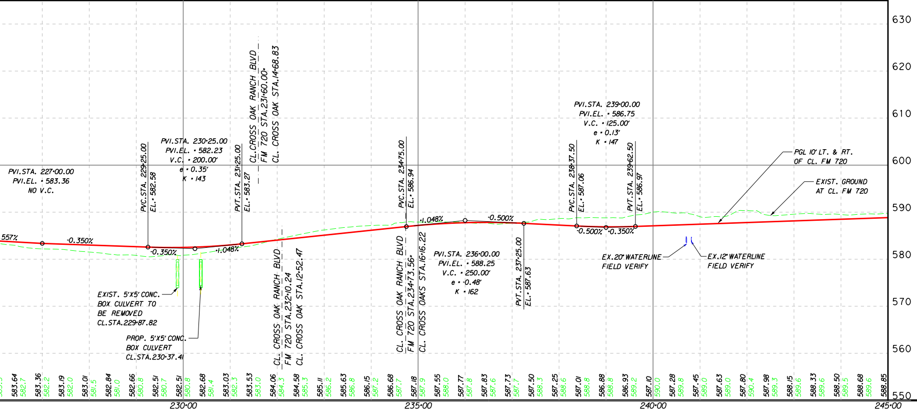
NG

ADT
ADT
ADT


MATCH LINE STA. 205+00.00
WHIRLWIND TRAIL
MATCH EXIST. PAVEMENT
TRAILBLAZER STA.18+40.00
ROUNDUP STREET
TRAILBLAZER DR.
15' UTILITY EASEMENT
YOSEMITE TRAIL
15' UTILITY EASEMENT
SAGEBRUSH TRAIL
PRAIRIE DRIVE
KING RANCH DRIVE
WAGON TRAIL
CHISHOLM TRAIL
CACTUS TRAIL
SB-08
SB-09
SB-10
SB-12
SB-13
SB-14
SB-15
SB-16
SB-17
SB-18
SB-19
SB-20
SB-21
SB-22
SB-23
SB-24
SB-25
SB-26
SB-27
SB-28
SB-29
SB-30
SB-31
SB-32
SB-33
SB-34
SB-35
SB-36
SB-37
SB-38
SB-39
SB-40
SB-41
SB-42
SB-43
SB-44
SB-45
SB-46
SB-47
EXIST. ROW
PROP. ROW
20" Water Line
12" Water Line
210+00
215+00
220+00
225+00
3
4
NB-07
NB-08
NB-09
NB-10
NB-11
NB-12
NB-13
CL.FM 720 STA.208+39.67 =
CL. TRAILBLAZER DR. STA.20+51.10
CL.FM 720 STA.219+29.05 =
CL. LLOYD'S RD. STA.10+00.00
LLOYD'S ROAD
MATCH EXIST. PAVEMENT
LLOYD'S RD. STA. 13+50.00
R=20'(TYP)




BEGIN RETAINING WALL
CL. STA. 227+75.00
MATCH EXIST. PAVEMENT
CROSS OAK STA. 10+95.00
MATCH EXIST. PAVEMENT
CROSS OAK STA. 12+55.00
TUMBLEWEED DRIVE
CROSS OAK RANCH BLVD.
MATCH EXIST. PAVEMENT
CROSS OAK STA. 13+00.00
EARP STREET
WAYNE STREET
BRAHMA STREET
AUTRY DRIVE
PROP. RETAINING WALL
SB-48
SB-49
SB-51
SB-50
SB-52
SB-53
SB-54
SB-55
SB-56
SB-57
SB-58
SB-59
SB-60
SB-56
15' UTILITY EASEMENT
15' UTILITY EASEMENT
15' UTILITY EASEMENT
16
15
5
R=20' (TYP.)
R=20' (TYP.)
R=100'
R=10'
R=10'
R=10'
20" Waterline
12" Waterline
EXIST. ROW
EXIST. ROW
230+00
235+00
240+00
MATCH LINE STA. 245+00.00
PROP. ROW
PROP. ROW
BEGIN RETAINING WALL
CL. STA. 244+25.00
PROP. RETAINING WALL
PROP. EXTENSION OF 5' X5' BOX CULVERT
CL. STA. 230+44.56
END RETAINING WALL
CL. STA. 230+75.00
58.87'
56.57'
75.00'
CL.FM 720 STA.231+60.00 =
CL. CROSS OAKS STA.14+68.83
PROPOSED SIGNALIZED INTERSECTION
CL.FM 720 STA.232+10.24 =
CL. CROSS OAKS STA.12+52.47
PROPOSED SIGNALIZED INTERSECTION
NB-14
CL.FM 720 STA.234+73.56 =
CL. CROSS OAKS STA.16+16.22
DENSE TREES
DENSE TREES
DENSE TREES
DENSE TREES
DENSE TREES
DENSE TREES
DENSE TREES
DENSE TREES
DENSE TREES
15' UTILITY EASEMENT
NB-15
DEDICATED AS CEMETARY TO
E.F. BAUS, ET AL
VOL. O, PG. 103
D.R.D.C.T.
NB-17
TEMPLE DUANE PUMP STATION
CAB. S, PG. 162
D.R.D.C.T.
NB-18
NB-16
MUSTANG WATER SUPPLY
DOC. No.1999-8959
D.R.D.C.T.
585
580



CURVE NO.
1
2
3
4
5
6
7
8
9
10

CURVE NO.
11
12

CURVE NO.
13

CURVE NO.
14

CURVE NO.
15

CURVE NO.
16
17

CURVE DATA TABLE

CENTERLINE FM 720 CURVE DATA

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
CL_720-1	186+01.46	7,122,367.44	2,434,784.05	41° 29' 47.37"	675.00	8° 29' 17.75"	255.71	488.87	N 20° 57' 35.41" W	478.25	183+45.75	188+34.62	N 0° 12' 41.73" W	N 41° 42' 29.10" W
CL_720-2	195+37.52	7,123,083.09	2,434,146.25	44° 32' 33.41"	675.00	8° 29' 17.75"	276.44	524.76	N 19° 26' 12.39" W	511.64	192+61.07	197+85.83	N 41° 42' 29.10" W	N 2° 50' 04.31" E
CL_720-3	211+92.19	7,124,763.83	2,434,229.47	28° 32' 00.00"	1412.39	4° 03' 23.91"	359.14	703.37	N 17° 06' 04.31" E	696.13	208+33.05	215+36.42	N 2° 50' 04.31" E	N 31° 22' 04.31" E
CL_720-4	220+32.81	7,125,494.32	2,434,674.80	12° 58' 39.00"	1452.39	3° 56' 41.71"	165.19	328.97	N 24° 52' 44.81" E	328.26	218+67.62	221+96.59	N 31° 22' 04.31" E	N 18° 23' 25.31" E
CL_720-5	240+39.77	7,127,400.13	2,435,308.42	26° 37' 01.14"	675.00	8° 29' 17.75"	159.67	313.57	N 5° 04' 54.74" E	310.76	238+80.10	241+93.68	N 18° 23' 25.31" E	N 8° 13' 35.83" W
CL_720-6	248+99.58	7,128,256.79	2,435,184.57	7° 17' 19.87"	5749.58	0° 59' 47.48"	366.21	731.43	N 11° 52' 15.76" W	730.94	245+33.37	252+64.80	N 8° 13' 35.83" W	N 15° 30' 55.69" W
CL_720-7	260+70.39	7,129,385.89	2,434,871.11	14° 12' 08.03"	675.00	8° 29' 17.75"	84.09	167.32	N 22° 36' 59.71" W	166.89	259+86.30	261+53.62	N 15° 30' 55.69" W	N 29° 43' 03.72" W
CL_720-8	264+06.06	7,129,678.16	2,434,704.29	31° 07' 08.03"	675.00	8° 29' 17.75"	187.95	366.61	N 14° 09' 29.71" W	362.12	262+18.11	265+84.72	N 29° 43' 03.72" W	N 1° 24' 04.31" E
CL_720-9	273+78.45	7,130,659.54	2,434,728.29	5° 21' 23.16"	2864.79	2° 00' 00.00"	134.01	267.82	N 1° 16' 37.27" W	267.72	272+44.44	275+12.26	N 1° 24' 04.31" E	N 3° 57' 18.85" W
CL_720-10	278+02.56	7,131,082.83	2,434,699.03	5° 37' 23.16"	2864.79	2° 00' 00.00"	140.69	281.15	N 1° 08' 37.27" W	281.04	276+61.86	279+43.02	N 3° 57' 18.85" W	N 1° 40' 04.31" E

CENTERLINE MARTOP ROAD CURVE DATA

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
CL_MARTOP-1	13+44.77	7,122,278.24	2,434,463.55	46° 31' 55.81"	575.00	9° 57' 52.14"	247.23	466.98	S 84° 57' 25.56" E	454.25	10+97.54	15+64.52	S 61° 41' 27.65" E	N 71° 46' 36.53" E
CL_MARTOP-2	18+18.45	7,122,434.96	2,434,939.58	18° 17' 27.94"	575.00	9° 57' 52.14"	92.57	183.56	N 80° 55' 20.50" E	182.78	17+25.88	19+09.44	N 71° 46' 36.53" E	S 89° 55' 55.53" E

CENTERLINE LLOYD'S ROAD CURVE DATA

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
CL_LLOYDS-1	11+97.37	7,125,310.87	2,434,792.39	44° 23' 11.84"	300.00	19° 05' 54.94"	122.39	232.41	S 83° 14' 55.32" E	226.64	10+74.98	13+07.39	S 61° 03' 19.40" E	N 74° 33' 28.76" E

CENTERLINE CROSS OAK RANCH BLVD SOUTH CURVE DATA

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
CL_CROSS_S-1	10+37.52	7,126,702.92	2,434,621.62	15° 37' 26.00"	273.46	20° 57' 07.16"	37.52	74.57	S 79° 26' 53.09" E	74.34	10+00.00	10+74.57	S 87° 15' 36.09" E	S 71° 38' 10.09" E

CENTERLINE CROSS OAK RANCH BLVD MIDDLE CURVE DATA

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
CL_CROSS_M-1	11+16.29	7,126,656.60	2,434,917.12	18° 34' 51.92"	195.00	29° 22' 56.82"	31.90	63.24	S 62° 05' 57.11" E	62.96	10+84.39	11+47.63	S 52° 48' 31.15" E	S 71° 23' 23.08" E

CENTERLINE CROSS OAK RANCH BLVD NORTH CURVE DATA

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
CL_CROSS_N-1	11+21.94	7,126,843.87	2,434,659.10	55° 27' 34.43"	231.97	24° 41' 57.80"	121.94	224.54	S 88° 51' 19.05" E	215.87	10+00.00	12+24.54	N 63° 24' 53.74" E	S 61° 07' 31.83" E
CL_CROSS_N-2	13+39.88	7,126,729.29	2,434,866.89	55° 48' 08.00"	217.83	26° 18' 11.93"	115.34	212.15	S 89° 01' 35.83" E	203.86	12+24.54	14+36.69	S 61° 07' 31.83" E	N 63° 04' 20.16" E

OWNER INFORMATION TABLE

Parcel No.	Tax ID No.	Owners Name	Owners Address	Situs Address	Acres	Deed
SB-01	273039	Denton Independent School District	P.O. Box 2387, Denton, Texas 76202		55.3330	04-100596
NB-01	38750	Rudman Partnership Etal	1700 Pacific Avenue, Suite 400, Dallas, Tx 75201		136.6580	2844-42
SB-02	524298	Maw Cross Oak Ranch LP	13455 Noel Rd. Fl 23, Dallas, Tx 75240		0.4137	2007-72444
SB-03	613548	Oak Point LLC	5950 Berkshire Ln. Suite 900, Dallas, Tx 75225	W FM 720	0.1813	2008-94092
NB-02	38213	Johnson, Jack D. Revocable Living Trust	3301 W FM 720, Little Elm, Tx 75068	3301 W FM 720, Little Elm, Tx 75068	2.0000	2012-77472
SB-04	250330	Cadg Cross Oak Ranch LLC	1221 N Interstate 35E, Suite 200, Carrollton, Tx 75006	FM 720 at Martop	0.3873	2012-69508
NB-03	38215	Chitwood, Kenneth L.	2808 Goodnight Circle, Sherman, Tx 75092	3355 W FM 720, Little Elm, Tx 75068	6.9580	01-29957
NB-04	38212	Chitwood, Kenneth L.	2809 Goodnight Circle, Sherman, Tx 75092	3381 W Fm 720, Little Elm, Tx 75068	1.5000	2006-54929
SB-05	613555	Oak Point LLC	5950 Berkshire Lane, Suite 900, Dallas, Tx 75225	W FM 720	0.6127	2008-94092
SB-06	613553	Oak Point LLC	5950 Berkshire Lane, Suite 900, Dallas, Tx 75225	W FM 720	13.9414	2008-94092
SB-07	276904	Cadg Cross Oak Ranch LLC	1221 N Interstate 35E, Suite 200, Carrollton, Tx 75006	W FM 720	1.6200	2012-69508
NB-05	38219	Watkins, Catherine M.	540 Lochgreen Trail, Arlington, Tx 76012	3401 W FM 720, Little Elm, Tx 75068	10.0000	04-14985
NB-06	38218	Strickland, Donald Ray	3407 W FM 720, Little Elm, Tx 75068	3407 W Fm 720, Little Elm, Tx 75068	4.0000	557-685
NB-07	38210	Sostecke, Edward F.	11111 Denton Drive, Dallas, Tx 75229	W FM 720	11.8000	767-968
SB-08	249218	Onyx Homes LP	5400 W Plano Parkway, Suite 210, Plano, Tx 75093	W FM 720	26.7080	2012-133217
NB-08	38221	Sostecke, Edward F.	11111 Denton Drive, Dallas, Tx 75229	W FM 720	5.0000	724-112
NB-09	38222	Sostecke, Edward F.	11111 Denton Drive, Dallas, Tx 75229	W FM 720	0.7480	1910-815
NB-10	75976	Sostecke, Edward F.	11111 Denton Drive, Dallas, Tx 75229	W FM 720	11.2520	1094-233
SB-09	312703	Capital One	440 3rd St., Baton Rouge, La 70802	W FM 720	0.3750	2011-51624
SB-10	295260	Martop Development, LTD	6652 Pinecrest Dr., Suite 300, Plano, Tx 75024	Whirlwind Trail, Crossroads, Tx 76227	0.1022	
SB-11	295240	Mueller, Jeanette & Brian Patrick	13507 Quivas St., Denver, Co 80234	8932 Whirlwind Trail, Crossroads, Tx 76227	0.1212	2008-85142
SB-12	295238	Blevins, Jeremy	1041 Roundup St., Crossroads, Tx 76227	1041 Roundup St., Crossroads, Tx 76227	0.1212	2008-124346
SB-13	295239	Cassell, Casey & Kyle	1051 Roundup St., Crossroads, Tx 76227	1051 Roundup St., Crossroads, Tx 76227	0.1212	2008-60111
SB-14	295236	Martin, Jonathan D & Kristina M	1031 Roundup St., Crossroads, Tx 76227	1031 Roundup St., Crossroads, Tx 76227	0.1204	2008-65527
SB-15	295235	Mains, David B & Nann	1021 Roundup St., Crossroads, Tx 76227	1021 Roundup St., Crossroads, Tx 76227	0.1303	2008-124353
SB-16	295234	Marshall, Silas Jr & Tiffany R.	2436 Lakebend Dr., Little Elm, Tx 75068	1011 Roundup St., Crossroads, Yx 76227	0.1302	2008-71954
SB-17	295233	Lehere, Kimberly M & Larry J	1001 Roundup St., Crossroads, Tx 76227	1001 Roundup St., Crossroads, Tx 76227	0.1454	2008-124344
SB-18	312702	Capital One	440 3rd St., Baton Rouge, La 70802	W FM 720	0.4240	2011-51624
SB-19	295167	Pulte Homes of Texas LLP	4800 Regent Blvd, Irving, Tx 75063	Roundup St., Crossroads, Tx 76227	0.2304	2006-149532
SB-20	295166	Tate, Terry J & Delposen, LEX	991 Roundup St., Crossroads, Tx 76227	991 Roundup St., Crossroads, Tx 76227	0.1533	2008-17634
SB-21	295165	Marinelli, Karen	981 Roundup St., Crossroads, Tx 76227	981 Roundup St., Crossroads, Tx 76227	0.1460	2007-54048
SB-22	295164	Harper, Michael L	971 Roundup St., Crossroads, Tx 76227	971 Roundup St., Crossroads, Tx 76227	0.1537	2007-130764
SB-23	295163	Rushton, Kathy	961 Roundup St., Crossroads, Tx 76227	961 Roundup St., Crossroads, Tx 76227	0.1630	2007-125321
SB-24	295162	Schiller, Jeffery T & Wendy M	951 Roundup St., Crossroads, Tx 76227	951 Roundup St., Crossroads, Tx 76227	0.1739	2007-147218
SB-25	295161	Preciado, Alex Jr & Emma G	941 Roundup St., Crossroads, Tx 76227	941 Roundup St., Crossroads, Tx 76227	0.1864	2007-135918
SB-26	295160	Lewis, Jimmy & Rae	931 Roundup St., Crossroads, Tx 76227	931 Roundup St., Crossroads, Tx 76227	0.1888	2007-136411
SB-27	295159	Eubanks, Marcie & Matthew	9016 Yosemite Trail, Crossroads, Tx 76227	9016 Yosemite Trail, Crossroads, Tx 76227	0.2030	2007-97604
SB-28	295124	Wong, Serene Alicia & Wong, Calvin S	479 12th Ave, San Francisco, Ca 94118	9021 Yosemite Trail, Crossroads, Tx 76227	0.2162	2012-137496
SB-29	259907	Overstreet, Russell W & Debbie A	9020 Sagebrush Trail, Crossroads, Tx 76227	9020 Sagebrush Trail, Crossroads, Tx 76227	0.2200	2006-146777
SB-30	259906	Browning, Emery D & Debra A Long Browning	829 Prairie, Crossroads, Tx 76227	829 Prairie, Crossroads, Tx 76227	0.1700	04-163299
SB-31	259905	Harland, Nick & Sara	825 Prairie, Crossroads, Tx 76227	825 Prairie, Crossroads, Tx 76227	0.1400	04-95820
SB-32	259904	Smith, Paul E	821 Prairie, Crossroads, Tx 76227	821 Prairie, Crossroads, Tx 76227	0.1400	04-97225
SB-33	259903	Reamy, Miranda	817 Prairie, Crossroads, Tx 76227	817 Prairie, Crossroads, Tx 76227	0.1354	2010-70909
SB-34	259902	Dewett, Laura S	2201 Long Prairie Road, Suite 107-371, Flower Mound, Tx, 75022	813 Prairie, Crossroads, Tx 76227	0.1352	05-56081
SB-35	259901	Filer, Robert	809 Prairie, Crossroads, Tx 76227	809 Prairie, Crossroads, Tx 76227	0.1400	2006-147648
SB-36	259900	Rodriguez, Douglas J & Socorro	805 Prairie, Crossroads, Tx 76227	805 Prairie, Crossroads, Tx 76227	0.1600	2009-28402
SB-37	259899	Marquez, Ricardo & Rosa Maria	801 Prairie, Crossroads, Tx 76227	801 Prairie, Crossroads, Tx 76227	0.3100	2007-122552
SB-38	259898	Crawford, Steven M	9119 King Ranch Dr., Crossroads, Tx 76227	9119 King Ranch Dr., Crossroads, Tx 76227	0.3900	05-53577
SB-39	261502	Pulte Homes of Texas LLP	4800 Regent Blvd., Irving, Tx 75063		0.2280	02-168404
NB-11	38217	Sostecke, Edward F	11111 Denton Drive, Dallas, Tx 75229	W FM 720	5.0000	554-03
NB-12	38216	Mizell, Dan H	147 Lloyds Rd, Little Elm, Tx 75068	147 Lloyds Rd. Little Elm, Tx 75068	5.0000	2005-116940
NB-13	38224	Phase 16 Investments, LP	P.O. Box 601638, Dallas, Tx 75360	3655 W FM 720, Little Elm, Tx 75068	17.4400	2010-25270
SB-40	256550	Robillard, Rebecca H & Gattis, David J	9120 Wagon Trail, Crossroads, Tx 76227	9120 Wagon Trail, Crossroads, Tx 76227	0.2549	03-182259
SB-41	256549	Chase, Nikki R	725 Cactus Trail, Crossroads, Tx 76227	725 Cactus Trail, Crossroads, Tx 76227	0.1372	04-26624
SB-42	256548	Sweet, Kevin S	721 Cactus Trail, Crossroads, Tx 76227	721 Cactus Trail, Crossroads, Tx 76227	0.1228	2010-21077
SB-43	256547	Murphy, Eumeka	717 Cactus Trail, Crossroads, Tx 76227	717 Cactus Trail, Crossroads, Tx 76227	0.1232	04-00692
SB-44	256546	Fradenburg, Stacy A	713 Cactus Trail, Crossroads, Tx 76227	713 Cactus Trail, Crossroads, Tx 76227	0.1236	03-169626
SB-45	256545	Johnson, Charles	58 W Hidden Valley Airpark, Shady Shores, Tx 76208	709 Cactus Trail, Crossroads, Tx 76227	0.1240	2010-74522
SB-46	256544	Avila, Maria D	705 Cactus Trail, Crossroads, Tx 76227	705 Cactus Trail, Crossroads, Tx 76227	0.1202	03-148857
SB-47	256543	Garrison, Thimas Jr & Ninfa I	701 Cactus Trail, Crossroads, Tx 76227	701 Cactus Trail, Crossroads, Tx 76227	0.2558	04-18474
SB-48	256542	Davidson, Eilizabeth & Jackie	9121 Chisholm Trail, Crossroads, Tx 76227	9121 Chisholm Trail, Crossroads, Tx 76227	0.3331	2010-125398
SB-49	256503	Dr Horton Tx LTD	4306 Miller Rd., Suite A, Rowlett, Tx 75088	9124 Chisholm Trail, Crossroads, Tx 76227	0.2053	2012-63714
SB-50	256502	Onyx Homes LP	5400 W Plano Parkway, Suite 210, Plano, Tx 75093	Autry Dr., Crossroads, Tx 76227	0.2125	2012-133217
SB-51	256501	Onyx Homes LP	5400 W Plano Parkway, Suite 210, Plano, Tx 75093	Autry Dr., Crossroads, Tx 76227	0.1404	2012-133217
SB-52	256500	Onyx Homes LP	5400 W Plano Parkway, Suite 210, Plano, Tx 75093	Autry Dr., Crossroads, Tx 76227	0.1421	2012-133217
SB-53	256499	Onyx Homes LP	5400 W Plano Parkway, Suite 210, Plano, Tx 75093	Autry Dr., Crossroads, Tx 76227	0.1341	2012-133217
SB-54	256498	Onyx Homes LP	5400 W Plano Parkway, Suite 210, Plano, Tx 75093	Autry Dr., Crossroads, Tx 76227	0.1473	2012-133217
NB-14	224773	Cooper, Donald R & Susan A	3655 FM 720, Aubrey, Tx 76227	3655 FM 720, Aubrey, Tx 76227	13.3206	00-64312
NB-15	0	Lower Oak Grove Cemetery/E.F. Baus, Et. Al.		W FM 720	7.1858	DN-C104
SB-55	253916	Cross Oaks Ranch Homeowners Association Inc.	1515 Heritage Rd., Suite 100, McKinney, Tx 75069	Cross Oaks Ranch Blvd., Tx	4.0946	05-11664
SB-56	125759	Lennar Homes of Texas Land & Construction, LTD	1707 Market Place, Suite 270, Irving, Tx 75063	W FM 720	11.2380	2012-69690
NB-16	225883	Mustang Water Supply	5315 US Highway 377 S, Suite B, Aubrey, Tx 76227	W FM 720	6.7300	8959
NB-17	227871	Upper Trinity Regional Water District	P.O. Box 305, Lewisville, Tx 75067	W FM 720	4.8900	00-74655
SB-57	561402	Lennar Homes of Texas Land & Construction, LTD	1707 Market Place, Suite 270, Irving, Tx 75063	325 Brahma St., Crossroads, Tx 76227	0.1251	Plat 2013-01
SB-58	561401	Lennar Homes of Texas Land & Construction, LTD	1707 Market Place, Suite 270, Irving, Tx 75063	321 Brahma St., Crossroads, Tx 76227	0.1251	Plat 2013-01
SB-59	561400	Lennar Homes of Texas Land & Construction, LTD	1707 Market Place, Suite 270, Irving, Tx 75063	317 Brahma St., Crossroads, Tx 76227	0.1251	Plat 2013-01
SB-60	561399	Lennar Homes of Texas Land & Construction, LTD	1707 Market Place, Suite 270, Irving, Tx 75063	313 Brahma St., Crossroads, Tx 76227	0.1251	Plat 2013-01

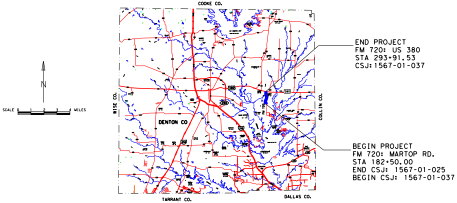
SUPERELEVATION TABLE

Southbound Station	Superelevation e%	Northbound Station	Superelevation e%
182+50.00	-2.00%	182+50.00	-2.00%
184+25.00	-2.00%	184+25.00	-2.00%
185+42.00	-1.50%	185+42.00	-1.50%
186+84.00	-1.50%	186+84.00	-1.50%
188+01.00	-2.00%	188+01.00	-2.00%
206+57.00	-2.00%		
207+74.00	-1.50%		
208+93.00	-1.50%		
210+10.00	-2.00%		

Southbound Station	Superelevation e%	Northbound Station	Superelevation e%
		217+57.00	-2.00%
		218+74.00	-1.50%
		219+85.00	-1.50%
		221+02.00	-2.00%
229+83.00	-2.00%	286+01.00	-2.00%
231+00.00	-1.50%		
235+06.00	-1.50%		
236+23.00	-2.00%		

Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC
WILLIAM L. HALE, P.E., DISTRICT ENGINEER
DENTON COUNTY
FARM TO MARKET ROAD 720
PROJECT LIMIT: 360' SOUTH OF MARTOP ROAD
TO US 380
CONTROL: 1567-01-037
US 380 FUNCTIONAL CLASS: PRINCIPLE URBAN ARTERIAL
DESIGN SPEED: 60 mph
FM 720 FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
DESIGN SPEED: 40 mph FM 720
30 mph Side Streets
PROJECT LENGTH = 2.111 MI.


COOKE CO.
WISE CO.
COLLIN CO.
DENTON CO
TARRANT CO.
DALLAS CO.
N
SCALE 0 1 2 3 4 MILES
380
288
35E
35W
FM 720
END PROJECT
FM 720: US 380
STA 293+91.53
CSJ:1567-01-037
BEGIN PROJECT
FM 720: MARTOP RD.
STA 182+50.00
END CSJ: 1567-01-025
BEGIN CSJ: 1567-01-037

LOCATION MAP

FEBRUARY 2014
SCALE: 1"=100' H, 1"=10'V
ROLL 1 OF 3

APPROVED SCHEMATIC NOT FOR CONSTRUCTION

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NAME	P.E. NO.	DATE
NELSON L. UNDERWOOD	91203	04/28/2014

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