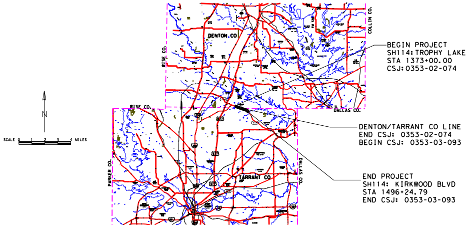
Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
DENTON & TARRANT COUNTIES
STATE HIGHWAY 114
PROJECT LIMIT: TROPHY LAKE DRIVE
TO: KIRKWOOD BLVD
CONTROL: 0353-02-074(DENTON)
0353-03-093(TARRANT)
SH 114 FUNCTIONAL CLASS: URBAN FREEWAY
DESIGN SPEED: 70 mph
PROJECT LENGTH = 2.360 MI.


N
SCALE 0 1 2 3 4 MILES
DENTON CO
COLLIN CO.
WISE CO.
DALLAS CO.
PARKER CO.
TARRANT CO
DALLAS CO.
BEGIN PROJECT
SH114: TROPHY LAKE
STA 1373+00.00
CSJ: 0353-02-074
DENTON/TARRANT CO LINE
END CSJ: 0353-02-074
BEGIN CSJ: 0353-03-093
END PROJECT
SH114: KIRKWOOD BLVD
STA 1496+24.79
END CSJ: 0353-03-093

LOCATION MAP

FEBRUARY 2016
SCALE: 1"=100' H, 1"=10'V
ROLL 1 OF 3

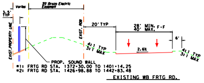
PRELIMINARY FOR INTERIM REVIEW ONLY

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*	*2/12/2016*

ROADWAY LEGEND

①	PROPERTY OWNER LABEL
⬡1	CURVE NO. LABEL
— — —	EXISTING ROW
→	DIRECTION OF TRAFFIC
— - —	EXISTING PROPERTY LINE
— - —	EXISTING LOT LINE
—	EXISTING PAVEMENT EDGES
– – –	EXISTING UTILITY EASEMENTS
– · –	EXISTING DRAINAGE EASEMENTS
▬	EXISTING PAVEMENT
— · —	PROPOSED CENTERLINE
▬	PROPOSED PAVEMENT
🟩	DEPRESSED MEDIAN
═	PROPOSED CONCRETE TRAFFIC BARRIER (CTB)
═	PROPOSED SOUND WALL

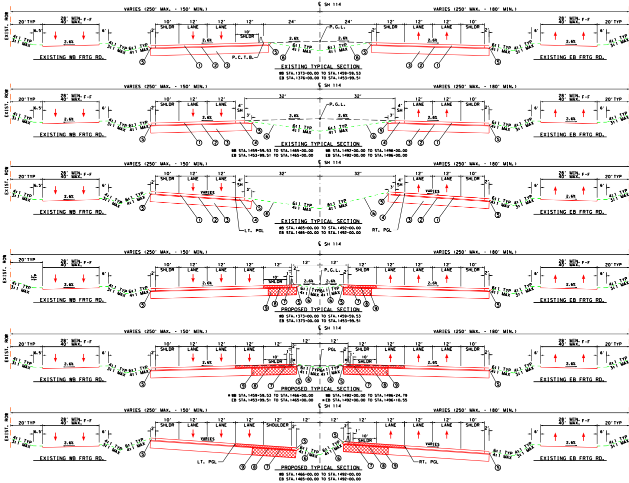

Varies
35' Brazo Electric Easement
3.5' TYP
EXIST. PROPERTY LINE
EXIST. ROW
20' TYP
28' MIN. 40' MAX. F-F
6'
4:1 TYP 3:1 MAX
2.6%
PROP. SOUND WALL

#1: FRTG RD STA. 1372+30.00 TO 1401+14.25
#2: FRTG RD STA. 1426+98.88 TO 1442+83.48

EXISTING WB FRTG RD.

TYPICAL SECTION LEGEND

① EXIST. 11 IN. CRCP
② EXIST. 4 IN. H.M.A.C. (TY. B)
③ EXIST. 36" LIME TREATED SUBGRADE (4% LIME)
④ EXIST. 2 IN. H.M.A.C. & 9 IN. ASPH. STAB. BASE
⑤ ASPHALT STAB. BASE
⑥ 4" TOPSOIL FERT. & SEEDING
⑦ PROP. 11 IN CRCP
⑧ PROP. 4 IN. H.M.A.C. (TY. B)
⑨ PROP. 36" LIME TREATED SUBGRADE (4% LIME)


℄ SH 114
VARIES (250' MAX. - 150' MIN.)
VARIES (250' MAX. - 180' MIN.)
EXIST. ROW
20' TYP
28' MIN. 40' MAX. F-F
6.5'
6'
4:1 TYP 3:1 MAX
2.6%
10' SHLDR
12' LANE
12' LANE
12'
24'
32'
4' SH
3'
2'
1'
P.G.L.
PGL
LT. PGL
RT. PGL
P.C.T.B.
6:1 TYP 4:1 MAX
VARIES
SHOULDER
EXISTING WB FRTG RD.
EXISTING EB FRTG RD.

EXISTING TYPICAL SECTION
WB STA.1373+00.00 TO STA.1459+59.53
EB STA.1376+00.00 TO STA.1453+99.51

EXISTING TYPICAL SECTION
WB STA.1459+59.53 TO STA.1465+00.00
EB STA.1453+99.51 TO STA.1465+00.00
WB STA.1492+00.00 TO STA.1496+00.00
EB STA.1492+00.00 TO STA.1496+00.00

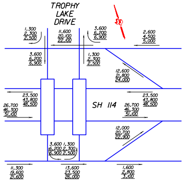
EXISTING TYPICAL SECTION
WB STA.1465+00.00 TO STA.1492+00.00
EB STA.1465+00.00 TO STA.1492+00.00

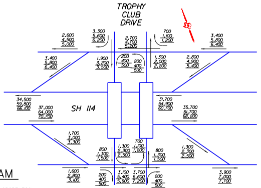
PROPOSED TYPICAL SECTION
WB STA.1373+00.00 TO STA.1459+59.53
EB STA.1373+00.00 TO STA.1453+99.51

PROPOSED TYPICAL SECTION
*WB STA.1459+59.53 TO STA.1466+00.00
EB STA.1453+99.51 TO STA.1465+00.00
WB STA.1492+00.00 TO STA.1496+24.79
*EB STA.1492+00.00 TO STA.1496+10.55

PROPOSED TYPICAL SECTION
WB STA.1466+00.00 TO STA.1492+00.00
EB STA.1465+00.00 TO STA.1492+00.00

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

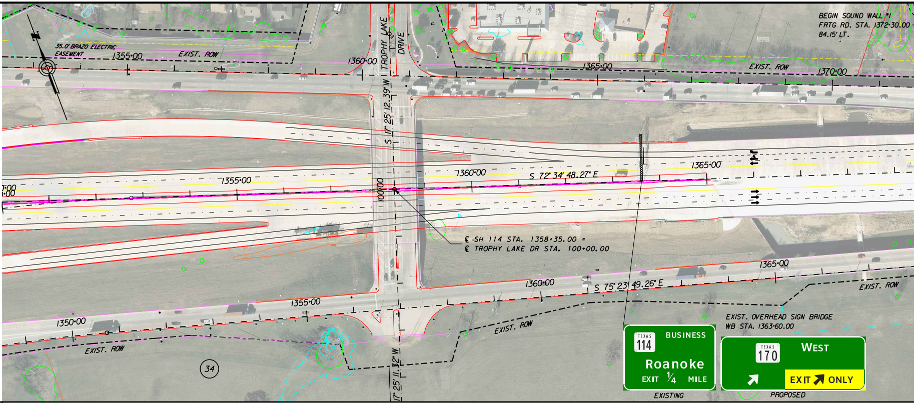

TROPHY LAKE DRIVE
SH 114

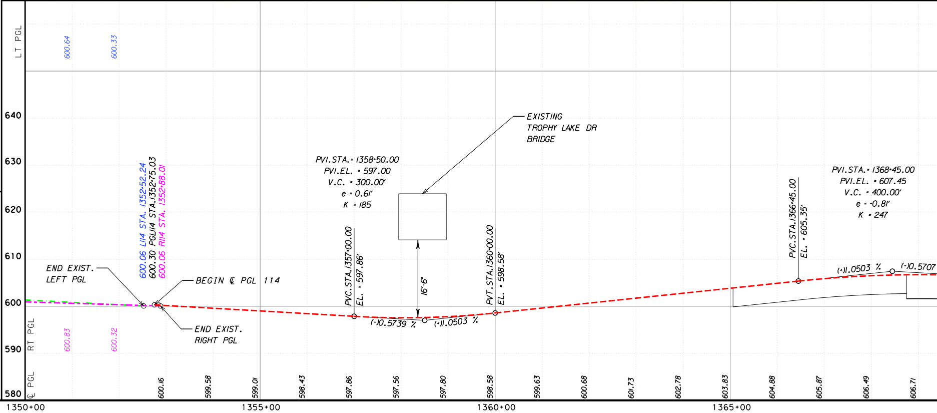

TROPHY CLUB DRIVE
SH 114

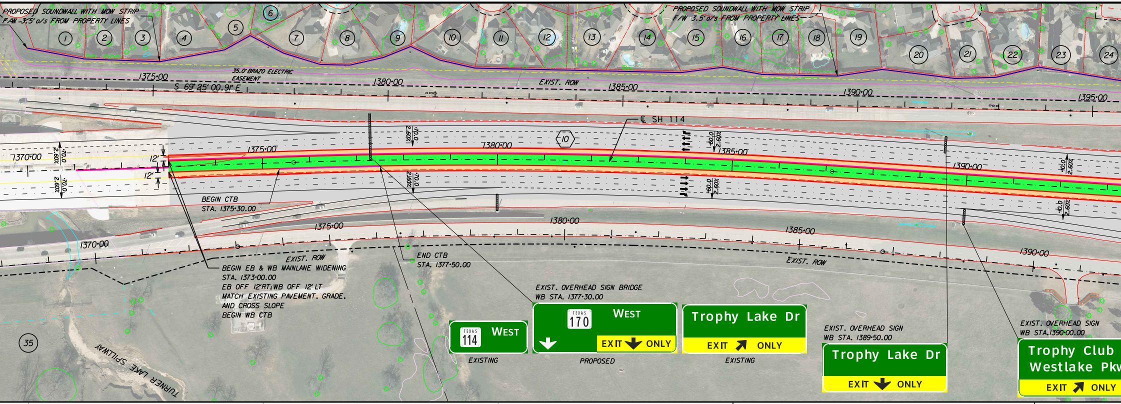
TRAFFIC DIAGRAM
N.T.S.

SOURCE OF DATA: TEXAS DEPARTMENT OF TRANSPORTATION; TRANSPORTATION PROGRAMMING AND PLANNING DIVISION, AUGUST 2014.

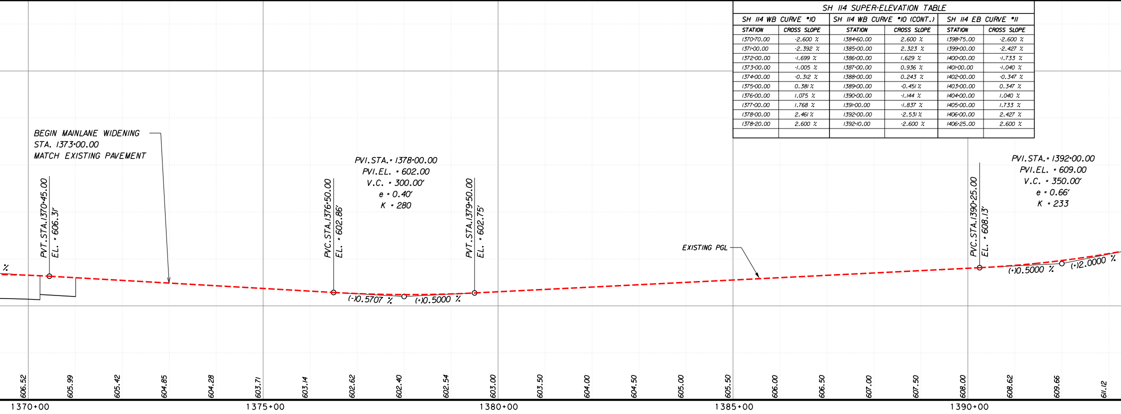
EXIST. ROW
EXIST. ROW
EXIST. ROW
EXIST. ROW
EXIST. ROW
EXIST. ROW

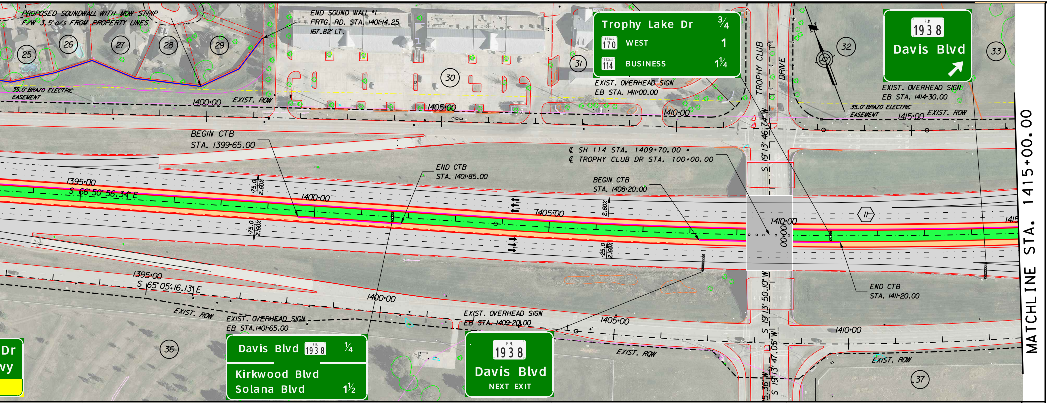

35.0' BRAZO ELECTRIC EASEMENT
1355+00
EXIST. ROW
1360+00
TROPHY LAKE DRIVE
1365+00
EXIST. ROW
1370+00
BEGIN SOUND WALL #1
FRTG RD. STA. 1372+30.00
84.15' LT.
S 17° 25' 12.39" W
1355+00
1360+00
S 72° 34' 48.27" E
1365+00
100+00
℄ SH 114 STA. 1358+35.00 =
℄ TROPHY LAKE DR STA. 100+00.00
1350+00
1355+00
1360+00
S 75° 23' 49.26" E
1365+00
EXIST. ROW
EXIST. ROW
EXIST. ROW
34
S 17° 25' 11.32" W
EXIST. OVERHEAD SIGN BRIDGE
WB STA. 1363+60.00
TEXAS 114
BUSINESS
Roanoke
EXIT ¼ MILE
EXISTING
TEXAS 170
WEST
EXIT ONLY
PROPOSED

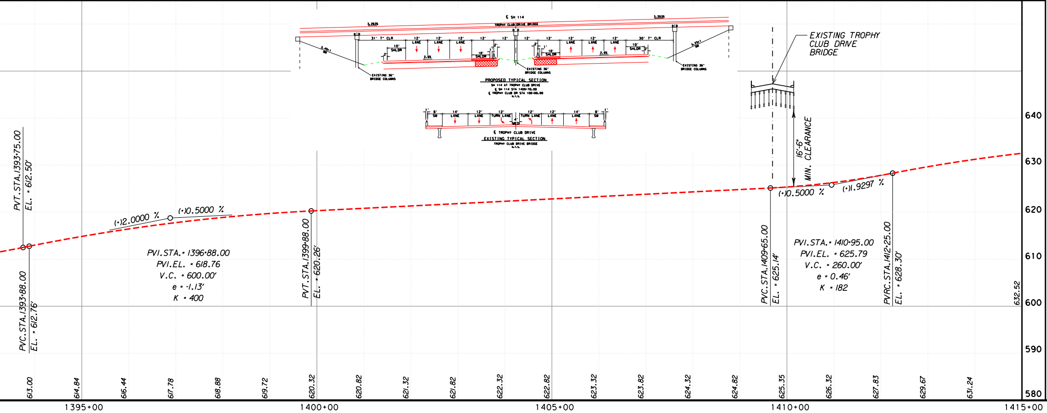

LT PGL
600.64
600.33
640
630
620
610
600
590
580
RT PGL
600.83
600.32
℄ PGL
END EXIST.
LEFT PGL
600.06 L114 STA. 1352+52.24
600.30 PGL114 STA.1352+75.03
600.06 R114 STA. 1352+88.01
BEGIN ℄ PGL 114
END EXIST.
RIGHT PGL
PVI.STA.= 1358+50.00
PVI.EL. = 597.00
V.C. = 300.00'
e = 0.61'
K = 185
PVC.STA.1357+00.00
EL. = 597.86'
EXISTING
TROPHY LAKE DR
BRIDGE
16'-6"
(-)0.5739 %
(+)1.0503 %
PVT.STA.1360+00.00
EL. = 598.58'
PVI.STA.= 1368+45.00
PVI.EL. = 607.45
V.C. = 400.00'
e = -0.81'
K = 247
PVC.STA.1366+45.00
EL. = 605.35'
(+)1.0503 %
(-)0.5707
600.16
599.58
599.01
598.43
597.86
597.56
597.80
598.58
599.63
600.68
601.73
602.78
603.83
604.88
605.87
606.49
606.71
1350+00
1355+00
1360+00
1365+00


PROPOSED SOUNDWALL WITH MOW STRIP
F/W -3.5' o/s FROM PROPERTY LINES
PROPOSED SOUNDWALL WITH MOW STRIP
F/W 3.5' o/s FROM PROPERTY LINES
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
35
35.0' BRAZO ELECTRIC EASEMENT
1375+00
S 69° 25' 00.91" E
1380+00
EXIST. ROW
1385+00
1390+00
1395+00
℄ SH 114
10
1370+00
1375+00
1380+00
1385+00
1390+00
12'
12'
0.07'
2.60%
BEGIN CTB
STA. 1375+30.00
END CTB
STA. 1377+50.00
EXIST. ROW
BEGIN EB & WB MAINLANE WIDENING
STA. 1373+00.00
EB OFF 12' RT; WB OFF 12' LT
MATCH EXISTING PAVEMENT. GRADE.
AND CROSS SLOPE
BEGIN WB CTB
EXIST. OVERHEAD SIGN BRIDGE
WB STA. 1377+30.00
EXIST. OVERHEAD SIGN
WB STA. 1389+50.00
EXIST. OVERHEAD SIGN
WB STA. 1390+00.00
TURNER LAKE SPILLWAY
TEXAS 114 WEST
EXISTING
TEXAS 170 WEST
EXIT ONLY
PROPOSED
Trophy Lake Dr
EXIT ONLY
EXISTING
Trophy Lake Dr
EXIT ONLY
Trophy Club
Westlake Pkw
EXIT ONLY

SH 114 SUPER-ELEVATION TABLE					
SH 114 WB CURVE #10		SH 114 WB CURVE #10 (CONT.)		SH 114 EB CURVE #11	
STATION	CROSS SLOPE	STATION	CROSS SLOPE	STATION	CROSS SLOPE
1370+70.00	-2.600 %	1384+60.00	2.600 %	1398+75.00	-2.600 %
1371+00.00	-2.392 %	1385+00.00	2.323 %	1399+00.00	-2.427 %
1372+00.00	-1.699 %	1386+00.00	1.629 %	1400+00.00	-1.733 %
1373+00.00	-1.005 %	1387+00.00	0.936 %	1401+00.00	-1.040 %
1374+00.00	-0.312 %	1388+00.00	0.243 %	1402+00.00	-0.347 %
1375+00.00	0.381 %	1389+00.00	-0.451 %	1403+00.00	0.347 %
1376+00.00	1.075 %	1390+00.00	-1.144 %	1404+00.00	1.040 %
1377+00.00	1.768 %	1391+00.00	-1.837 %	1405+00.00	1.733 %
1378+00.00	2.461 %	1392+00.00	-2.531 %	1406+00.00	2.427 %
1378+20.00	2.600 %	1392+10.00	-2.600 %	1406+25.00	2.600 %


BEGIN MAINLANE WIDENING
STA. 1373+00.00
MATCH EXISTING PAVEMENT
PVT.STA.1370+45.00
EL. = 606.31'
PVC.STA.1376+50.00
EL. = 602.86'
PVI.STA.= 1378+00.00
PVI.EL. = 602.00
V.C. = 300.00'
e = 0.40'
K = 280
PVT.STA.1379+50.00
EL. = 602.75'
(-)0.5707 %
(+)0.5000 %
EXISTING PGL
PVC.STA.1390+25.00
EL. = 608.13'
PVI.STA.= 1392+00.00
PVI.EL. = 609.00
V.C. = 350.00'
e = 0.66'
K = 233
(+)0.5000 %
(+)2.0000 %
606.52
605.99
605.42
604.85
604.28
603.71
603.14
602.62
602.40
602.54
603.00
603.50
604.00
604.50
605.00
605.50
606.00
606.50
607.00
607.50
608.00
608.62
609.66
611.12
1370+00
1375+00
1380+00
1385+00
1390+00


PROPOSED SOUNDWALL WITH MOW STRIP
F/W 3.5' o/s FROM PROPERTY LINES
END SOUND WALL #1
FRTG. RD. STA. 1401+14.25
167.82' LT.
35.0' BRAZO ELECTRIC EASEMENT
1400+00
EXIST. ROW
1405+00
1410+00
Trophy Lake Dr 3/4
170 WEST 1
114 BUSINESS 1 1/4
EXIST. OVERHEAD SIGN
EB STA. 1411+00.00
TROPHY CLUB DRIVE
1938
Davis Blvd
EXIST. OVERHEAD SIGN
EB STA. 1414+30.00
35.0' BRAZO ELECTRIC EASEMENT
1415+00
EXIST. ROW
25
26
27
28
29
30
31
32
33
36
37
BEGIN CTB
STA. 1399+65.00
END CTB
STA. 1401+85.00
℄ SH 114 STA. 1409+70.00 =
℄ TROPHY CLUB DR STA. 100+00.00
BEGIN CTB
STA. 1408+20.00
1395+00
S 66°50'56.34" E
1400+00
1405+00
1410+00
100+00
75.0'
2.60%
25.0'
2.60%
11
1415
S 19°13'46.74" W
S 19°13'50.10" W
S 19°13'47.05" W
END CTB
STA. 1411+20.00
1395+00
S 65°05'16.13" E
1400+00
1405+00
1410+00
EXIST. ROW
EXIST. OVERHEAD SIGN
EB STA.1401+65.00
EXIST. OVERHEAD SIGN
EB STA. 1409+20.00
EXIST. ROW
EXIST. ROW
Davis Blvd 1938 1/4
Kirkwood Blvd
Solana Blvd 1 1/2
1938
Davis Blvd
NEXT EXIT
Dr
wy
MATCHLINE STA. 1415+00.00


℄ SH 114
TROPHY CLUB DRIVE BRIDGE
3.263%
3.263%
31' 7" CLR
30' 7" CLR
12' LANE
12' LANE
12' LANE
12'
12'
12'
12'
12' LANE
12' LANE
12' LANE
10' SHLDR
10' SHLDR
10' SHLDR
10' SHLDR
2'
1'
2.6%
2.6%
3.49:1
3.25:1
EXISTING 36" BRIDGE COLUMNS
EXISTING 36" BRIDGE COLUMNS
EXISTING 36" BRIDGE COLUMNS
PROPOSED TYPICAL SECTION
SH 114 AT TROPHY CLUB DRIVE
℄ SH 114 STA 1409+70.00
℄ TROPHY CLUB DR STA 100+00.00
N.T.S.
1'
8' SW
14' LANE
12' LANE
12' TURN LANE
4' MED
12' TURN LANE
12' LANE
14' LANE
8' SW
1'
℄ TROPHY CLUB DRIVE
EXISTING TYPICAL SECTION
TROPHY CLUB DRIVE BRIDGE
N.T.S.
EXISTING TROPHY CLUB DRIVE BRIDGE
16'-6" MIN. CLEARANCE
PVT.STA.1393+75.00
EL. = 612.50'
PVC.STA.1393+88.00
EL. = 612.76'
(+)2.0000 %
(+)0.5000 %
PVI.STA.= 1396+88.00
PVI.EL. = 618.76
V.C. = 600.00'
e = -1.13'
K = 400
PVT.STA.1399+88.00
EL. = 620.26'
PVC.STA.1409+65.00
EL. = 625.14'
(+)0.5000 %
(+)1.9297 %
PVI.STA.= 1410+95.00
PVI.EL. = 625.79
V.C. = 260.00'
e = 0.46'
K = 182
PVRC.STA.1412+25.00
EL. = 628.30'
632.52
640
630
620
610
600
590
580
613.00
614.84
616.44
617.78
618.88
619.72
620.32
620.82
621.32
621.82
622.32
622.82
623.32
623.82
624.32
624.82
625.35
626.32
627.83
629.67
631.24
1395+00
1400+00
1405+00
1410+00
1415+00

CURVE DATA TABLE

CENTERLINE SH 114 CURVE DATA

CURVE NO.	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
1	G-4	1088+74.37	7059634.92	2342169.54	5°48'52.44"	22918.3118	0°15'00.00"	1163.9124	2325.8266	N 87°08'57.59" E	2324.8286	1077+10.46	1100+36.28	S 89°56'36.19" E	N 84°14'31.37" E
2	G-6	1114+52.06	7059893.73	2344736.21	7°04'10.04"	22918.3118	0°15'00.00"	1415.6874	2827.7819	N 87°46'36.38" E	2825.9885	1100+36.37	1128+64.15	N 84°14'31.37" E	S 88°41'18.60" E
3	G-8	1135+05.87	7059846.64	2346793.08	19°04'19.39"	3819.7186	1°30'00.00"	641.671	1271.4703	S 79°09'08.90" E	1265.6083	1128+64.20	1141+35.67	S 88°41'18.60" E	S 69°36'59.20" E
4	G-10	1168+54.18	7058676.28	2349942.85	3°05'59.47"	11459.1559	0°30'00.00"	310.0609	619.9705	S 68°03'59.47" E	619.8949	1165+44.12	1171+64.09	S 69°36'59.20" E	S 66°30'59.73" E
5	G-12	1182+42.12	7058123.15	2351215.97	2°18'20.26"	22918.3118	0°15'00.00"	461.1877	922.2509	S 67°40'09.86" E	922.1887	1177+80.93	1187+03.18	S 66°30'59.73" E	S 68°49'19.99" E
6	G-14	1212+32.11	7057042.93	2354004.15	6°55'56.28"	11459.1559	0°30'00.00"	694.0769	1386.4599	S 65°21'21.85" E	1385.6144	1205+38.04	1219+24.50	S 68°49'19.99" E	S 61°53'23.71" E
7	G-16	1233+67.75	7056035.89	2355889.37	18°41'02.54"	3819.7186	1°30'00.00"	628.3797	1245.6027	S 71°13'54.98" E	1240.0909	1227+39.37	1239+84.97	S 61°53'23.71" E	S 80°34'26.26" E
8	G-18	1284+60.63	7055199.98	2360924.49	66°20'35.63"	2864.789	2°00'00.00"	1872.639	3317.1615	S 47°24'08.44" E	3134.9306	1265+87.99	1299+05.15	S 80°34'26.26" E	S 14°13'50.63" E
9	G-20	1331+02.70	7050285.38	2362170.88	58°20'57.65"	2291.8312	2°30'00.00"	1279.532	2333.9738	S 43°24'19.45" E	2234.4151	1318+23.17	1341+57.14	S 14°13'50.63" E	S 72°34'48.27" E
10	G-22	1381+39.98	7048709.97	2367191.9	5°43'51.93"	11459.1559	0°30'00.00"	573.5875	1146.2183	S 69°42'52.31" E	1145.7405	1375+66.39	1387+12.61	S 72°34'48.27" E	S 66°50'56.34" E
11	G-24	1410+83.53	7047552.32	2369899.29	6°57'58.68"	11459.1559	0°30'00.00"	697.4895	1393.26	S 70°19'55.68" E	1392.2600	1403+86.04	1417+79.30	S 66°50'56.34" E	S 73°48'55.02" E
12	G-26	1427+02.42	7047100.6	2371455.67	2°11'49.07"	22918.3118	0°15'00.00"	439.4464	878.7851	S 72°43'00.49" E	878.7312	1422+62.97	1431+41.76	S 73°48'55.02" E	S 71°37'05.96" E
13	G-28	1478+61.98	7045473.52	3276352.08	34°31'47.26"	2864.789	2°00'00.00"	890.3573	1726.4897	S 54°21'12.33" E	1700.4807	1469+71.62	1486+98.11	S 71°37'05.96" E	S 37°05'18.70" E
14	G-30	1534+94.08	7070937.51	2379781.21	17°06'51.86"	3618.6808	1°35'00.00"	544.5095	1080.9097	S 28°31'52.77" E	1076.8958	1529+49.58	1540+30.48	S 37°05'18.70" E	S 19°58'26.85" E

WESTBOUND FRTG RD CURVE DATA

CURVE NO.	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
15	WBFR-CV1	1414+23.33	7047745.46	2370085.88	2°12'04.89"	5729.5780	1°00'00.00"	110.0815	220.1359	S 70°31'03.35"	220.1224	1413+13.25	1415+33.39	S 69°25'00.91" E	S 71°37'05.80" E
16	WBFR-CV2	1477+13.91	7045761.74	2376055.52	20°38'56.24"	2864.7890	2°00'00.00"	521.8848	1032.4478	S 61°17'37.68"	1026.8695	1471+92.03	1482+24.48	S 71°37'05.80" E	S 50°58'09.56" E
17	WBFR-CV3	1486+89.41	7045140.31	2376822.09	13°52'46.49"	3819.7186	1°30'00.00"	464.9285	925.3053	S 44°01'46.32"	923.0445	1482+24.48	1491+49.78	S 50°58'09.56" E	S 37°05'23.08" E
18	WBFR-CV4	1495+17.65	7044475.99	2377324.32	8°33'29.20"	1432.3945	4°00'00.00"	107.1757	213.9528	S 41°22'07.68"	213.7540	1494+10.48	1496+24.43	S 37°05'23.08" E	S 45°38'52.28" E
19	WBFR-CV5	1498+06.21	7044273.99	2377530.94	8°33'29.26"	954.9297	6°00'00.00"	71.4506	142.6355	S 41°22'07.65"	142.5029	1497+34.76	1498+77.40	S 45°38'52.28" E	S 37°05'23.01" E

EASTBOUND FRTG RD CURVE DATA

CURVE NO.	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
20	EBFR-CV1	1335+79.77	7049819.21	2362375.43	69°56'40.82"	2864.7890	2°00'00.00"	2003.8862	3497.2337	N 69°37'50.33" E	3284.0845	1315+75.89	1350+73.12	N 34°39'29.92" E	S 75°23'49.26" E
21	EBFR-CV2	1379+92.61	7048577.93	2367139.76	10°18'33.13"	7639.4373	0°45'00.00"	689.1404	1374.5603	S 70°14'32.69" E	1372.7069	1373+03.47	1386+78.03	S 75°23'49.26" E	S 65°05'16.13" E
22	EBFR-CV3	1410+28.88	7047297.40	2369896.89	12°08'46.37"	5729.5780	1°00'00.00"	609.5953	1214.6214	S 71°09'39.31" E	1212.3485	1404+19.28	1416+33.90	S 65°05'16.13" E	S 77°14'02.50" E
23	EBFR-CV4	1422+99.64	7047015.59	2371140.70	5°36'57.17"	5729.5780	1°00'00.00"	281.0191	561.5881	S 74°25'33.91" E	561.3633	1420+18.62	1425+80.21	S 77°14'02.50" E	S 71°37'05.32" E
24	EBFR-CV5	1447+37.28	7046258.14	2373458.16	6°22'30.47"	1909.8593	3°00'00.00"	106.3619	212.5044	S 74°48'22.86" E	212.3948	1446+30.91	1448+43.42	S 71°37'07.62" E	S 77°59'38.09" E
25	EBFR-CV6	1455+21.85	7046094.89	2374225.79	5°13'46.24"	2864.7890	2°00'00.00"	130.8286	261.4755	S 75°22'44.98" E	261.3847	1453+91.02	1456+52.50	S 77°59'38.09" E	S 72°45'51.86" E

CENTERLINE TROPHY LAKE DR CURVE DATA

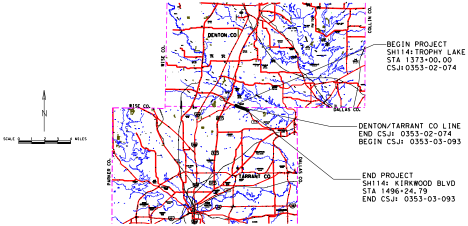
CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
26	C601	95+14.50	7049864.34	2365138.57	12°23'17.39"	1432.3900	4°00'00.05"	155.4577	309.7031	S 23°36'51.08" W	309.1002	93+59.04	96+68.75	S 29°48'29.78" W	S 17°25'12.39" E

PROPERTY OWNERS

Parcel No.	Owner Name	Owner Address	Situs Address
1	Descoteaux, Joseph & Connie D Ogle	7 Crooked Creek Ct., Roanoke, Tx 76262	7 Crooked Creek Ct., Roanoke, Tx 76262
2	Montes, Mike B.	6 Crooked Creek Ct., Trophy Club, Tx 76262	6 Crooked Creek Ct., Trophy Club, Tx 76262
3	Barnes, Charles & Winona	5 Crooked Creek Ct., Trophy Club, Tx 76262	5 Crooked Creek Ct., Trophy Club, Tx 76262
4	Merrick, Ralph and Jackie	4 Crooked Creek Ct., Trophy Club, Tx 76262	4 Crooked Creek Ct., Trophy Club, Tx 76262
5	Beaudrie, Elizabeth J	3 Crooked Creek Ct., Roanoke, Tx 76262	3 Crooked Creek Ct., Roanoke, Tx 76262
6	Van Haagen, Michale Rainer	6 Roaring Creek Ct., Trophy Club, Tx 76262	6 Roaring Creek Ct., Trophy Club, Tx 76262
7	Bates, Jason Neil	5 Roaring Creek Ct., Trophy Club, Tx 76262	5 Roaring Creek Ct., Trophy Club, Tx 76262
8	Church, Samantha M & Austin J	4 Roaring Creek Ct., Trophy Club, Tx 76262	4 Roaring Creek Ct., Trophy Club, Tx 76262
9	Peterson, Lynn A	3 Roaring Creek Ct., Trophy Club, Tx 76262	3 Roaring Creek Ct., Trophy Club, Tx 76262
10	Knecht, Erik	4 Rushing Creek Ct., Trophy Club, Tx 76262	4 Rushing Creek Ct., Trophy Club, Tx 76262
11	Washington, Joe and Bettie	3 Rushing Creek Ct., Roanoke, Tx 76262	3 Rushing Creek Ct., Roanoke, Tx 76262
12	Loughlin, Edward H & Cheryl A	2 Rushing Creek Ct., Trophy Club, Tx 76262	2 Rushing Creek Ct., Trophy Club, Tx 76262
13	Griffeth, Diana Trustee Of Griffeth Family Trust	2140 E. Southlake Blvd.,*L418 Southlake, Tx 76092	4 Spring Creek Ct., Trophy Club, Tx 76262
14	Robbins, William C.	3 Spring Creek Ct., Trophy Club, Tx 76262	3 Spring Creek Ct., Trophy Club, Tx 76262
15	Ford, Isaac & Pearl O.	P.O. Box 381, Roanoke, Tx 76262	2 Spring Creek Ct., Trophy Club, Tx 76262
16	Dal Residential I Llc	150 California St. Ste 575 San Francisco, CA 94111	5 Brook Creek Ct., Roanoke, Tx 76262
17	Coplen, Richard D.	4 Brook Creek Ct., Trophy Club, Tx 76262	4 Brook Creek Ct., Trophy Club, Tx 76262
18	Clancy, Jennifer Sue	3 Brook Creek Ct., Roanoke, Tx 76262	3 Brook Creek Ct., Roanoke, Tx 76262
19	Staples, Harold & Lori	2 Brook Creek Ct., Trophy Club, Tx 76262	2 Brook Creek Ct., Trophy Club, Tx 76262
20	Weber, Shaun & Natatlie	5 Narrow Creek Ct., Trophy Club, Tx 76262	5 Narrow Creek Ct., Trophy Club, Tx 76262
21	Curry, Nicholas & Zarinah	4 Narrow Creek Ct., Trophy Club, Tx 76262	4 Narrow Creek Ct., Trophy Club, Tx 76262
22	Grupp, Fransico	3 Narrow Creek Ct., Roanoke, Tx 76262	3 Narrow Creek Ct., Roanoke, Tx 76262
23	Lynch, Jason and Erika	7 Winding Creek Ct., Trophy Club, Tx 76262	7 Winding Creek Ct., Trophy Club, Tx 76262
24	Mcdermott, Ryan & Jayla	6 Winding Creek Ct., Roanoke, Tx 76262	6 Winding Creek Ct., Roanoke, Tx 76262
25	Price, Harry	5 Winding Creek Ct., Trophy Club, Tx 76262	5 Winding Creek Ct., Trophy Club, Tx 76262
26	Ragsdale, Donald J	4 Winding Creek Ct., Trophy Club, Tx 76262	4 Winding Creek Ct., Trophy Club, Tx 76262
27	Matkin, Robert & Laura J	3618 Igo St., San Antonio, Tx 78230	9 Straight Creek Ct., Trophy Club, Tx 76262
28	Credit Bypass Trust	7702 Colgate Ave., Westminster, Ca 92683	8 Straight Creek Ct., Trophy Club, Tx 76262
29	Thurston, Paul A & Stephanie C	7 Straight Creek Ct., Trophy Club, Tx 76262	7 Straight Creek Ct., Trophy Club, Tx 76262
30	4663 Okeechobee Blvd & Palm Bean Holdings	3309 Fairmont Dr., Nashville, Tn 37203	2001-2003 SH 114, Trophy Club, Tx 76262
31	Sej Asset Management & Investment Company	1722 Routh St Ste 1000, Dallas, Tx 75201	2101 SH 114, Trophy Club, Tx 76262
32	Jsb Properties Lp	6211 Raintree Ct., Dallas, Tx 75254	Trophy Club Dr & SH 114, Trophy Club, Tx 76262
33	Jsb Properties Lp	12222 Merit Dr. Ste 120, Dallas, Tx 75251	SH 114, Trophy Club, Tx 76262
34	Westlake Retail Assoc Ltd	PO Box 833, Columbia, Md 21044	SH 170 Tx
35	Hw 2421 Land Lp	3090 Olive St Ste 200 Dallas, Tx 75219	SH 170 Tx
36	Hw 2421 Land Lp	3090 Olive St Ste 200 Dallas, Tx 75219	SH 170 Tx
37	Fmr Texas Ltd P/s	82 Devonshire St Apt F4c, Boston, Ma 02109	SH 170 Tx

Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
DENTON & TARRANT COUNTIES
STATE HIGHWAY 114
PROJECT LIMIT: TROPHY LAKE DRIVE
TO: KIRKWOOD BLVD
CONTROL: 0353-02-074(DENTON)
0353-03-093(TARRANT)
SH 114 FUNCTIONAL CLASS: URBAN FREEWAY
DESIGN SPEED: 70 mph
PROJECT LENGTH = 2.360 MI.



DENTON CO
COLLIN CO.
WISE CO.
WISE CO.
DALLAS CO.
PARKER CO.
TARRANT CO
DALLAS CO.
N
SCALE 0 1 2 3 4 MILES
BEGIN PROJECT
SH114: TROPHY LAKE
STA 1373+00.00
CSJ: 0353-02-074
DENTON/TARRANT CO LINE
END CSJ: 0353-02-074
BEGIN CSJ: 0353-03-093
END PROJECT
SH114: KIRKWOOD BLVD
STA 1496+24.79
END CSJ: 0353-03-093

LOCATION MAP

FEBRUARY 2016
SCALE: 1"=100' H, 1"=10'V
ROLL 1 OF 3

PRELIMINARY FOR INTERIM REVIEW ONLY

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	1/12/2016

Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
DENTON & TARRANT COUNTIES
STATE HIGHWAY 114
PROJECT LIMIT: TROPHY LAKE DRIVE
TO: KIRKWOOD BLVD
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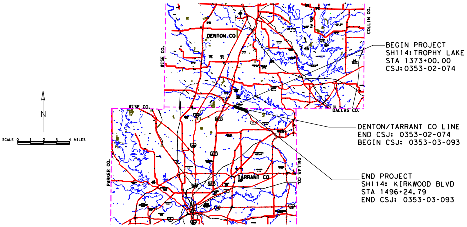

DENTON CO.
COLLIN CO.
WISE CO.
DALLAS CO.
PARKER CO.
TARRANT CO.
N
SCALE 0 1 2 3 4 MILES
BEGIN PROJECT
SH114: TROPHY LAKE
STA 1373+00.00
CSJ: 0353-02-074
DENTON/TARRANT CO LINE
END CSJ: 0353-02-074
BEGIN CSJ: 0353-03-093
END PROJECT
SH114: KIRKWOOD BLVD
STA 1496+24.79
END CSJ: 0353-03-093

LOCATION MAP

FEBRUARY 2016
SCALE: 1"=100' H, 1"=10'V
ROLL 2 OF 3

PRELIMINARY FOR INTERIM REVIEW ONLY

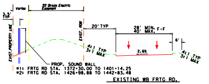
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NAME	P.E. NO.	DATE
NELSON L. UNDERWOOD	*91203*	*2/12/2016*

TOPOGRAPHIC DATA: MAY 2014

ROADWAY LEGEND

- ① PROPERTY OWNER LABEL
- ⬡1 CURVE NO. LABEL
- EXISTING ROW
- → DIRECTION OF TRAFFIC
- EXISTING PROPERTY LINE
- EXISTING LOT LINE
- EXISTING PAVEMENT EDGES
- EXISTING UTILITY EASEMENTS
- EXISTING DRAINAGE EASEMENTS
- EXISTING PAVEMENT
- PROPOSED CENTERLINE
- PROPOSED PAVEMENT
- DEPRESSED MEDIAN
- PROPOSED CONCRETE TRAFFIC BARRIER (CTB)
- PROPOSED SOUND WALL

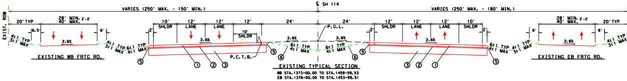

Varies
35' Brazo Electric Easement
3.5' TYP
EXIST. PROPERTY LINE
EXIST. ROW
20' TYP
28' MIN. 40' MAX. F-F
6'
2.6%
4:1 TYP 3:1 MAX
PROP. SOUND WALL

#1: FRTG RD STA. 1372+30.00 TO 1401+14.25
#2: FRTG RD STA. 1426+98.88 TO 1442+83.48

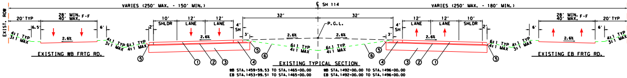
EXISTING WB FRTG RD.

TYPICAL SECTION LEGEND

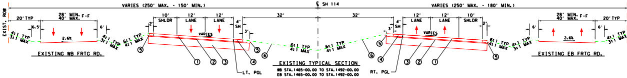
① EXIST. 11 IN. CRCP
② EXIST. 4 IN. H.M.A.C. (TY. B)
③ EXIST. 36" LIME TREATED SUBGRADE (4% LIME)
④ EXIST. 2 IN. H.M.A.C. & 9 IN. ASPH. STAB. BASE
⑤ ASPHALT STAB. BASE
⑥ 4" TOPSOIL FERT. & SEEDING
⑦ PROP. 11 IN CRCP
⑧ PROP. 4 IN. H.M.A.C. (TY. B)
⑨ PROP. 36" LIME TREATED SUBGRADE (4% LIME)


℄ SH 114
VARIES (250' MAX. - 150' MIN.)
VARIES (250' MAX. - 180' MIN.)
EXIST. ROW
20' TYP
28' MIN. 40' MAX. F-F
10' SHLDR
12' LANE
12' LANE
10' SHLDR
24'
24'
P.G.L.
P.C.T.B.
2.6%
6:1 TYP 4:1 MAX
4:1 TYP 3:1 MAX
EXISTING WB FRTG RD.
EXISTING EB FRTG RD.

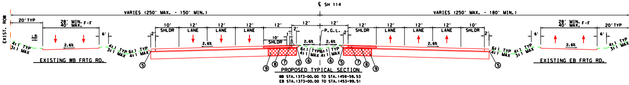
EXISTING TYPICAL SECTION
WB STA. 1373+00.00 TO STA. 1459+59.53
EB STA. 1376+00.00 TO STA. 1453+99.51


℄ SH 114
VARIES (250' MAX. - 150' MIN.)
VARIES (250' MAX. - 180' MIN.)
32'
32'
4' SH
3'
P.G.L.
2.6%
6:1 TYP 4:1 MAX
EXISTING WB FRTG RD.
EXISTING EB FRTG RD.

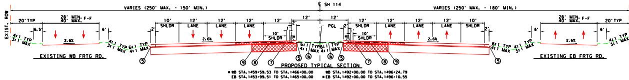
EXISTING TYPICAL SECTION
WB STA. 1459+59.53 TO STA. 1465+00.00
EB STA. 1453+99.51 TO STA. 1465+00.00
WB STA. 1492+00.00 TO STA. 1496+00.00
EB STA. 1492+00.00 TO STA. 1496+00.00


℄ SH 114
VARIES (250' MAX. - 150' MIN.)
VARIES (250' MAX. - 180' MIN.)
32'
32'
4' SH
3'
VARIES
LT. PGL
RT. PGL
6:1 TYP 4:1 MAX
EXISTING WB FRTG RD.
EXISTING EB FRTG RD.

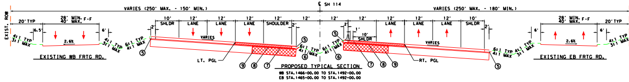
EXISTING TYPICAL SECTION
WB STA. 1465+00.00 TO STA. 1492+00.00
EB STA. 1465+00.00 TO STA. 1492+00.00


℄ SH 114
VARIES (250' MAX. - 150' MIN.)
VARIES (250' MAX. - 180' MIN.)
12' LANE
10' SHLDR
12' SHLDR
P.G.L.
2'
1'
2.6%
6:1 TYP 4:1 MAX
EXISTING WB FRTG RD.
EXISTING EB FRTG RD.

PROPOSED TYPICAL SECTION
WB STA. 1373+00.00 TO STA. 1459+59.53
EB STA. 1373+00.00 TO STA. 1453+99.51

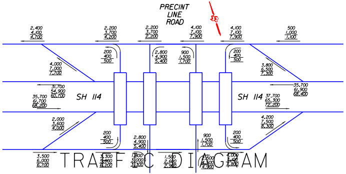

℄ SH 114
VARIES (250' MAX. - 150' MIN.)
VARIES (250' MAX. - 180' MIN.)
12' LANE
10' SHLDR
12' SHLDR
PGL
2.6%
6:1 TYP 4:1 MAX
EXISTING WB FRTG RD.
EXISTING EB FRTG RD.

PROPOSED TYPICAL SECTION
*WB STA. 1459+59.53 TO STA. 1466+00.00
EB STA. 1453+99.51 TO STA. 1465+00.00
WB STA. 1492+00.00 TO STA. 1496+24.79
*EB STA. 1492+00.00 TO STA. 1496+10.55


℄ SH 114
VARIES (250' MAX. - 150' MIN.)
VARIES (250' MAX. - 180' MIN.)
12' LANE
12' SHOULDER
10' SHLDR
VARIES
LT. PGL
RT. PGL
6:1 TYP 4:1 MAX
EXISTING WB FRTG RD.
EXISTING EB FRTG RD.

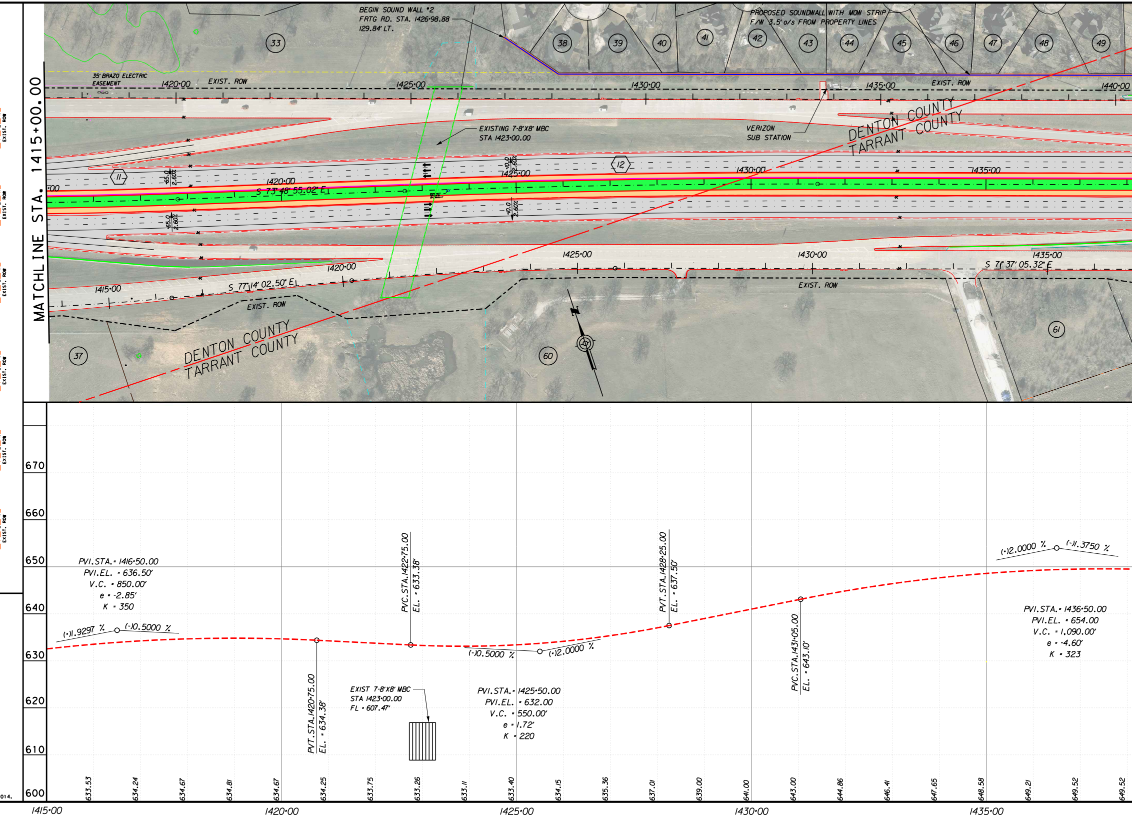
PROPOSED TYPICAL SECTION
WB STA. 1466+00.00 TO STA. 1492+00.00
EB STA. 1465+00.00 TO STA. 1492+00.00

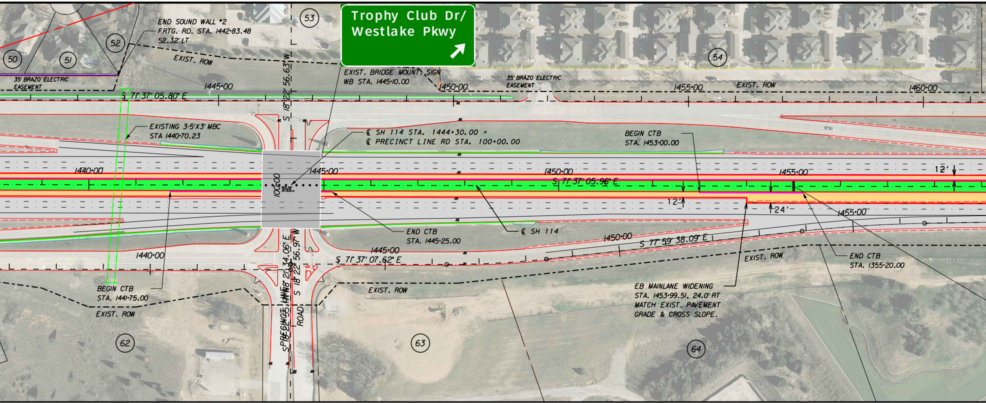
LEGEND
1,000 - 2014 ADT
1,000 - 2034 ADT
1,000 - 2044 ADT

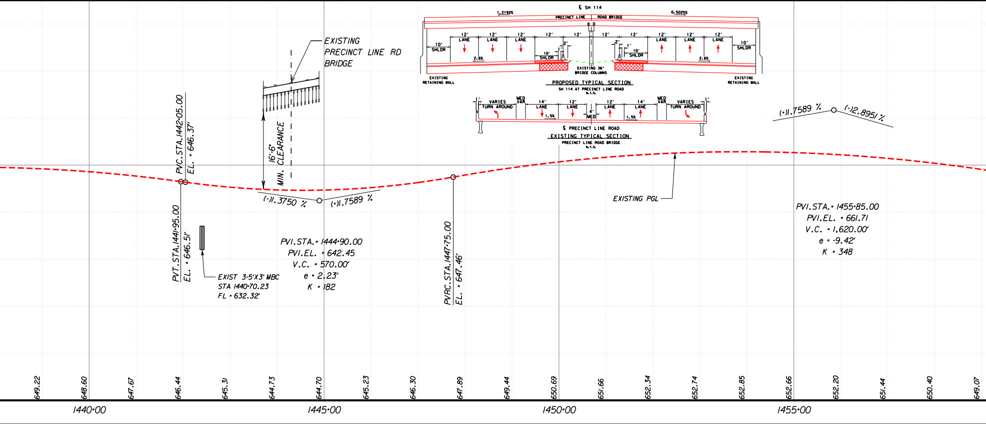

PRECINT LINE ROAD
SH 114
SH 114
2,400 4,100 4,700
2,200 3,700 4,200
35,700 61,700 68,200
37,700 65,300 72,200
35,700 61,900 68,400
31,700 54,900 60,700
TRAFFIC DIAGRAM

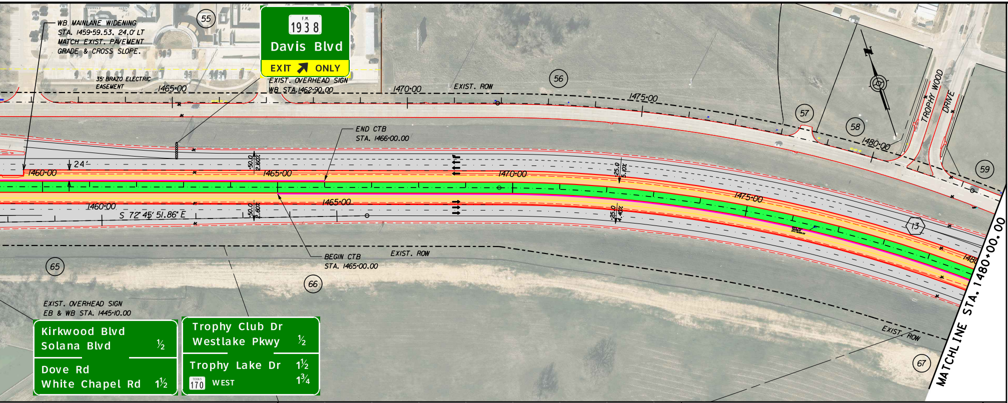
TRAFFIC DIAGRAM
N.T.S.

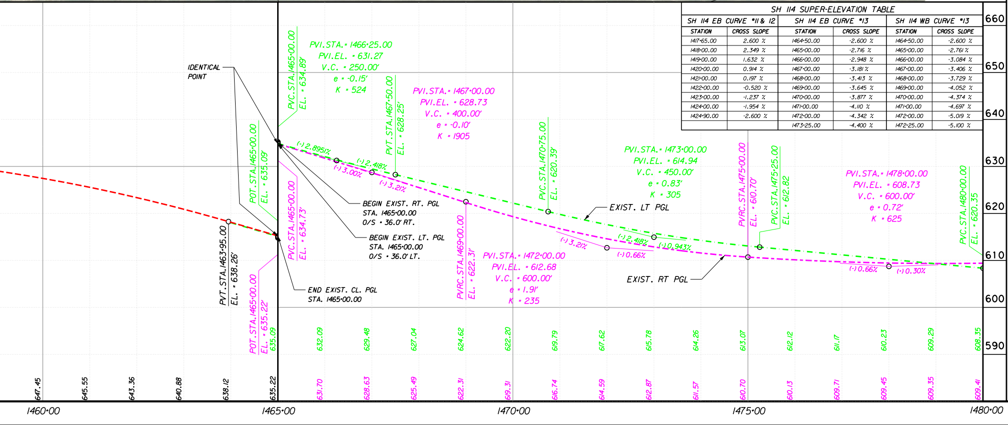
SOURCE OF DATA: TEXAS DEPARTMENT OF TRANSPORTATION;
TRANSPORTATION PROGRAMMING AND PLANNING DIVISION, AUGUST 2


MATCHLINE STA. 1415+00.00
BEGIN SOUND WALL #2
FRTG RD. STA. 1426+98.88
129.84' LT.
PROPOSED SOUNDWALL WITH MOW STRIP
F/W 3.5' o/s FROM PROPERTY LINES
33
38
39
40
41
42
43
44
45
46
47
48
49
35' BRAZO ELECTRIC
EASEMENT
1420+00
EXIST. ROW
1425+00
1430+00
1435+00
EXIST. ROW
1440+00
EXISTING 7-8'X8' MBC
STA 1423+00.00
VERIZON
SUB STATION
DENTON COUNTY
TARRANT COUNTY
11
12
-65.0
2.60%
1420+00
S 73° 48' 55.02" E
-10.0
2.60%
1425+00
1430+00
1435+00
-65.0
2.60%
-10.0
2.60%
1425+00
1430+00
1435+00
S 71° 37' 05.32" E
1420+00
1415+00
S 77° 14' 02.50" E
EXIST. ROW
EXIST. ROW
DENTON COUNTY
TARRANT COUNTY
37
60
61
EXIST. ROW
670
660
650
640
630
620
610
600
PVI.STA.= 1416+50.00
PVI.EL. = 636.50'
V.C. = 850.00'
e = -2.85'
K = 350
(+)1.9297 %
(-)0.5000 %
PVC.STA.1422+75.00
EL. = 633.38'
PVT.STA.1420+75.00
EL. = 634.38'
EXIST 7-8'X8' MBC
STA 1423+00.00
FL = 607.47'
(-)0.5000 %
(+)2.0000 %
PVI.STA.= 1425+50.00
PVI.EL. = 632.00
V.C. = 550.00'
e = 1.72'
K = 220
PVT.STA.1428+25.00
EL. = 637.50'
PVC.STA.1431+05.00
EL. = 643.10'
(+)2.0000 %
(-)1.3750 %
PVI.STA.= 1436+50.00
PVI.EL. = 654.00
V.C. = 1,090.00'
e = -4.60'
K = 323
633.53
634.24
634.67
634.81
634.67
634.25
633.75
633.26
633.11
633.40
634.15
635.36
637.01
639.00
641.00
643.00
644.86
646.41
647.65
648.58
649.21
649.52
649.52
1415+00
1420+00
1425+00
1430+00
1435+00
EXIST. ROW
014.


Trophy Club Dr/
Westlake Pkwy
50
51
52
53
54
END SOUND WALL #2
FRTG. RD. STA. 1442+83.48
52.32' LT
EXIST. ROW
35' BRAZO ELECTRIC
EASEMENT
1445+00
S 71° 37' 05.80" E
S 18° 22' 56.63" W
EXIST. BRIDGE MOUNT. SIGN
WB STA. 1445+10.00
1450+00
35' BRAZO ELECTRIC
EASEMENT
1455+00
EXIST. ROW
1460+00
EXISTING 3-5'X3' MBC
STA 1440+70.23
℄ SH 114 STA. 1444+30.00 =
℄ PRECINCT LINE RD STA. 100+00.00
BEGIN CTB
STA. 1453+00.00
1440+00
100+00
1445+00
1450+00
S 71° 37' 05.96" E
1455+00
12'
12'
24'
1455+00
END CTB
STA. 1445+25.00
℄ SH 114
1450+00
S 77° 59' 38.09" E
1440+00
1445+00
S 71° 37' 07.62" E
S 18° 21' 34.06" E
S 18° 22' 56.97" W
PRECINCT LINE ROAD
EXIST. ROW
END CTB
STA. 1355+20.00
BEGIN CTB
STA. 1441+75.00
EXIST. ROW
EXIST. ROW
EB MAINLANE WIDENING
STA. 1453+99.51, 24.0' RT
MATCH EXIST. PAVEMENT
GRADE & CROSS SLOPE.
62
63
64


EXISTING
PRECINCT LINE RD
BRIDGE
16'-6"
MIN. CLEARANCE
PVC.STA.1442+05.00
EL. = 646.37'
PVT.STA.1441+95.00
EL. = 646.51'
(-)1.3750 %
(+)1.7589 %
EXIST 3-5'X3' MBC
STA 1440+70.23
FL = 632.32'
PVI.STA.= 1444+90.00
PVI.EL. = 642.45
V.C. = 570.00'
e = 2.23'
K = 182
PVRC.STA.1447+75.00
EL. = 647.46'
EXISTING PGL
(+)1.7589 %
(-)2.8951 %
PVI.STA.= 1455+85.00
PVI.EL. = 661.71
V.C. = 1,620.00'
e = -9.42'
K = 348
℄ SH 114
1.2192%
0.5025%
PRECINCT LINE
ROAD BRIDGE
D D
10' SHLDR
12' LANE
12' LANE
12' LANE
12'
12'
12'
12'
12' LANE
12' LANE
12' LANE
10' SHLDR
2'
1'
10' SHLDR
2'
1'
10' SHLDR
2.6%
2.6%
EXISTING 36" BRIDGE COLUMNS
EXISTING RETAINING WALL
EXISTING RETAINING WALL
PROPOSED TYPICAL SECTION
SH 114 AT PRECINCT LINE ROAD
N.T.S.
1'
VARIES TURN AROUND
MED VAR
14' LANE
12' LANE
4' MED
12' LANE
14' LANE
MED VAR
VARIES TURN AROUND
1'
1.5%
1.5%
℄ PRECINCT LINE ROAD
EXISTING TYPICAL SECTION
PRECINCT LINE ROAD BRIDGE
N.T.S.
649.22
648.60
647.67
646.44
645.31
644.73
644.70
645.23
646.30
647.89
649.44
650.69
651.66
652.34
652.74
652.85
652.66
652.20
651.44
650.40
649.07
1440+00
1445+00
1450+00
1455+00


WB MAINLANE WIDENING
STA. 1459+59.53, 24.0' LT
MATCH EXIST. PAVEMENT
GRADE & CROSS SLOPE.
55
F.M. 1938
Davis Blvd
EXIT ONLY
35' BRAZO ELECTRIC EASEMENT
1465+00
EXIST. OVERHEAD SIGN
WB STA. 1462+90.00
1470+00
EXIST. ROW
56
1475+00
57
58
1480+00
TROPHY WOOD DRIVE
59
END CTB
STA. 1466+00.00
24'
1460+00
50.0
2.60%
1465+00
1470+00
25.0
5.10%
1475+00
1460+00
S 72°45' 51.86" E
1465+00
50.0
2.60%
25.0
4.40%
13
BEGIN CTB
STA. 1465+00.00
EXIST. ROW
65
66
EXIST. OVERHEAD SIGN
EB & WB STA. 1445+10.00
Kirkwood Blvd
Solana Blvd ½
Dove Rd
White Chapel Rd 1½
Trophy Club Dr
Westlake Pkwy ½
Trophy Lake Dr 1½
TEXAS 170 WEST 1¾
EXIST. ROW
67
MATCHLINE STA. 1480+00.00



SH 114 SUPER-ELEVATION TABLE

SH 114 EB CURVE #11 & 12		SH 114 EB CURVE #13		SH 114 WB CURVE #13	
STATION	CROSS SLOPE	STATION	CROSS SLOPE	STATION	CROSS SLOPE
1417+65.00	2.600 %	1464+50.00	-2.600 %	1464+50.00	-2.600 %
1418+00.00	2.349 %	1465+00.00	-2.716 %	1465+00.00	-2.761 %
1419+00.00	1.632 %	1466+00.00	-2.948 %	1466+00.00	-3.084 %
1420+00.00	0.914 %	1467+00.00	-3.181 %	1467+00.00	-3.406 %
1421+00.00	0.197 %	1468+00.00	-3.413 %	1468+00.00	-3.729 %
1422+00.00	-0.520 %	1469+00.00	-3.645 %	1469+00.00	-4.052 %
1423+00.00	-1.237 %	1470+00.00	-3.877 %	1470+00.00	-4.374 %
1424+00.00	-1.954 %	1471+00.00	-4.110 %	1471+00.00	-4.697 %
1424+90.00	-2.600 %	1472+00.00	-4.342 %	1472+00.00	-5.019 %
		1473+25.00	-4.400 %	1472+25.00	-5.100 %

CURVE DATA TABLE

CENTERLINE SH 114 CURVE DATA

CURVE NO.	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
1	G-4	1088+74.37	7059634.92	2342169.54	5°48'52.44"	22918.3118	0°15'00.00"	1163.9124	2325.8266	N 87°08'57.59" E	2324.8286	1077+10.46	1100+36.28	S 89°56'36.19" E	N 84°14'31.37" E
2	G-6	1114+52.06	7059893.73	2344736.21	7°04'10.04"	22918.3118	0°15'00.00"	1415.6874	2827.7819	N 87°46'36.38" E	2825.9885	1100+36.37	1128+64.15	N 84°14'31.37" E	S 88°41'18.60" E
3	G-8	1135+05.87	7059846.64	2346793.08	19°04'19.39"	3819.7186	1°30'00.00"	641.671	1271.4703	S 79°09'08.90" E	1265.6083	1128+64.20	1141+35.67	S 88°41'18.60" E	S 69°36'59.20" E
4	G-10	1168+54.18	7058676.28	2349942.85	3°05'59.47"	11459.1559	0°30'00.00"	310.0609	619.9705	S 68°03'59.47" E	619.8949	1165+44.12	1171+64.09	S 69°36'59.20" E	S 66°30'59.73" E
5	G-12	1182+42.12	7058123.15	2351215.97	2°18'20.26"	22918.3118	0°15'00.00"	461.1877	922.2509	S 67°40'09.86" E	922.1887	1177+80.93	1187+03.18	S 66°30'59.73" E	S 68°49'19.99" E
6	G-14	1212+32.11	7057042.93	2354004.15	6°55'56.28"	11459.1559	0°30'00.00"	694.0769	1386.4599	S 65°21'21.85" E	1385.6144	1205+38.04	1219+24.50	S 68°49'19.99" E	S 61°53'23.71" E
7	G-16	1233+67.75	7056035.89	2355889.37	18°41'02.54"	3819.7186	1°30'00.00"	628.3797	1245.6027	S 71°13'54.98" E	1240.0909	1227+39.37	1239+84.97	S 61°53'23.71" E	S 80°34'26.26" E
8	G-18	1284+60.63	7055199.98	2360924.49	66°20'35.63"	2864.789	2°00'00.00"	1872.639	3317.1615	S 47°24'08.44" E	3134.9306	1265+87.99	1299+05.15	S 80°34'26.26" E	S 14°13'50.63" E
9	G-20	1331+02.70	7050285.38	2362170.88	58°20'57.65"	2291.8312	2°30'00.00"	1279.532	2333.9738	S 43°24'19.45" E	2234.4151	1318+23.17	1341+57.14	S 14°13'50.63" E	S 72°34'48.27" E
10	G-22	1381+39.98	7048709.97	2367191.9	5°43'51.93"	11459.1559	0°30'00.00"	573.5875	1146.2183	S 69°42'52.31" E	1145.7405	1375+66.39	1387+12.61	S 72°34'48.27" E	S 66°50'56.34" E
11	G-24	1410+83.53	7047552.32	2369899.29	6°57'58.68"	11459.1559	0°30'00.00"	697.4895	1393.26	S 70°19'55.68" E	1392.2600	1403+86.04	1417+79.30	S 66°50'56.34" E	S 73°48'55.02" E
12	G-26	1427+02.42	7047100.6	2371455.67	2°11'49.07"	22918.3118	0°15'00.00"	439.4464	878.7851	S 72°43'00.49" E	878.7312	1422+62.97	1431+41.76	S 73°48'55.02" E	S 71°37'05.96" E
13	G-28	1478+61.98	7045473.52	3276352.08	34°31'47.26"	2864.789	2°00'00.00"	890.3573	1726.4897	S 54°21'12.33" E	1700.4807	1469+71.62	1486+98.11	S 71°37'05.96" E	S 37°05'18.70" E
14	G-30	1534+94.08	7070937.51	2379781.21	17°06'51.86"	3618.6808	1°35'00.00"	544.5095	1080.9097	S 28°31'52.77" E	1076.8958	1529+49.58	1540+30.48	S 37°05'18.70" E	S 19°58'26.85" E

WESTBOUND FRTG RD CURVE DATA

CURVE NO.	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
15	WBFR-CV1	1414+23.33	7047745.46	2370085.88	2°12'04.89"	5729.5780	1°00'00.00"	110.0815	220.1359	S 70°31'03.35"	220.1224	1413+13.25	1415+33.39	S 69°25'00.91" E	S 71°37'05.80" E
16	WBFR-CV2	1477+13.91	7045761.74	2376055.52	20°38'56.24"	2864.7890	2°00'00.00"	521.8848	1032.4478	S 61°17'37.68"	1026.8695	1471+92.03	1482+24.48	S 71°37'05.80" E	S 50°58'09.56" E
17	WBFR-CV3	1486+89.41	7045140.31	2376822.09	13°52'46.49"	3819.7186	1°30'00.00"	464.9285	925.3053	S 44°01'46.32"	923.0445	1482+24.48	1491+49.78	S 50°58'09.56" E	S 37°05'23.08" E
18	WBFR-CV4	1495+17.65	7044475.99	2377324.32	8°33'29.20"	1432.3945	4°00'00.00"	107.1757	213.9528	S 41°22'07.68"	213.7540	1494+10.48	1496+24.43	S 37°05'23.08" E	S 45°38'52.28" E
19	WBFR-CV5	1498+06.21	7044273.99	2377530.94	8°33'29.26"	954.9297	6°00'00.00"	71.4506	142.6355	S 41°22'07.65"	142.5029	1497+34.76	1498+77.40	S 45°38'52.28" E	S 37°05'23.01" E

EASTBOUND FRTG RD CURVE DATA

CURVE NO.	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
20	EBFR-CV1	1335+79.77	7049819.21	2362375.43	69°56'40.82"	2864.7890	2°00'00.00"	2003.8862	3497.2337	N 69°37'50.33" E	3284.0845	1315+75.89	1350+73.12	N 34°39'29.92" E	S 75°23'49.26" E
21	EBFR-CV2	1379+92.61	7048577.93	2367139.76	10°18'33.13"	7639.4373	0°45'00.00"	689.1404	1374.5603	S 70°14'32.69" E	1372.7069	1373+03.47	1386+78.03	S 75°23'49.26" E	S 65°05'16.13" E
22	EBFR-CV3	1410+28.88	7047297.40	2369896.89	12°08'46.37"	5729.5780	1°00'00.00"	609.5953	1214.6214	S 71°09'39.31" E	1212.3485	1404+19.28	1416+33.90	S 65°05'16.13" E	S 77°14'02.50" E
23	EBFR-CV4	1422+99.64	7047015.59	2371140.70	5°36'57.17"	5729.5780	1°00'00.00"	281.0191	561.5881	S 74°25'33.91" E	561.3633	1420+18.62	1425+80.21	S 77°14'02.50" E	S 71°37'05.32" E
24	EBFR-CV5	1447+37.28	7046258.14	2373458.16	6°22'30.47"	1909.8593	3°00'00.00"	106.3619	212.5044	S 74°48'22.86" E	212.3948	1446+30.91	1448+43.42	S 71°37'07.62" E	S 77°59'38.09" E
25	EBFR-CV6	1455+21.85	7046094.89	2374225.79	5°13'46.24"	2864.7890	2°00'00.00"	130.8286	261.4755	S 75°22'44.98" E	261.3847	1453+91.02	1456+52.50	S 77°59'38.09" E	S 72°45'51.86" E

CENTERLINE TROPHY LAKE DR CURVE DATA

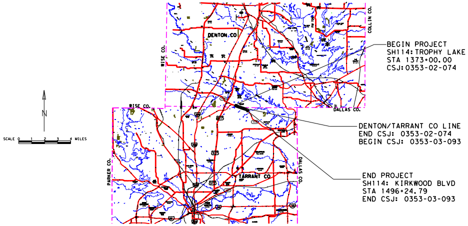
CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
26	C601	95+14.50	7049864.34	2365138.57	12°23'17.39"	1432.3900	4°00'00.05"	155.4577	309.7031	S 23°36'51.08" W	309.1002	93+59.04	96+68.75	S 29°48'29.78" W	S 17°25'12.39" E

PROPERTY OWNERS

Parcel No.	Owner Name	Owner Address	Situs Address
38	Allsup, Robert A II	14 Brook Hollow Ln., Roanoke, Tx 76262	14 Brook Hollow Ln., Roanoke, Tx 76262
39	Minor, Misty & Casey	15 Brook Hollow Ln., Roanoke, Tx 76262	15 Brook Hollow Ln., Roanoke, Tx 76262
40	Anderson, Steven E & Kathleen M	13 Brook Hollow Ln., Trophy Club, Tx 76262	13 Brook Hollow Ln., Trophy Club, Tx 76262
41	Rivers, Timothy Boyd	8 Saint Andrews Ct., Trophy Club, TX 76262	8 Saint Andrews Ct., Trophy Club, TX 76262
42	Shiner, Timothy	737 Bandit Trl, North Richland Hills, TX 76248	7 Saint Andrews Ct., Trophy Club, TX 76262
43	Sampson, Jerry C. Jr & Nancy A	5 Saint Andrews Ct., Trophy Club, TX 76262	5 Saint Andrews Ct., Trophy Club, TX 76262
44	Barker, Robert & Kimberly	6 Lake Forest Ct., Trophy Club, Tx 76262	6 Lake Forest Ct., Trophy Club, Tx 76262
45	Shires, Brenda	7 Lake Forest Ct., Trophy Club, Tx 76262	7 Lake Forest Ct., Trophy Club, Tx 76262
46	Adkisson, Debra J	5 Lake Forest Ct., Trophy Club, Tx 76262	5 Lake Forest Ct., Trophy Club, Tx 76262
47	Pickering, Robert Clay & Jo Ann	6 Turnbury Ct., Roanoke, Tx 76262	6 Turnbury Ct., Roanoke, Tx 76262
48	Fennessy, Sandra B & David M	7 Turnbury Ct., Trophy Club, Tx 76262	7 Turnbury Ct., Trophy Club, Tx 76262
49	Polk, Brian & Jennifer	5 Turnbury Ct., Roanoke, Tx 76262	5 Turnbury Ct., Roanoke, Tx 76262
50	Perry, Earl F	6 Glen Eagles Ct., Trophy Club, Tx 76262	6 Glen Eagles Ct., Trophy Club, Tx 76262
51	Baker, Richard & Robyn	7 Glen Eagles Ct., Trophy Club, Tx 76262	7 Glen Eagles Ct., Trophy Club, Tx 76262
52	Van Der Westhuizen, Francis & Myers	5 Glen Eagles Ct., Trophy Club, Tx 76262	5 Glen Eagles Ct., Trophy Club, Tx 76262
53	Lake Cities Church of Christ	280 Indian Creek Dr., Roanoke, Tx 76262	280 Indian Creek Dr., Trophy Club, Tx 76262
54	Armore Trophy Club LLC	3699 Wilshire Blvd Ste 645, Los Angeles, Ca 90010	001003 Plantation Oaks Dr, Trophy Club, Tx 76262
55	Cnl Retmt Crsi Trophy Cl Tx LP	3000 Meridian Blvd Ste 200, Franklin, Tn 37067	2850 State Hwy 114, Trophy Club, Tx 76262
56	Trophy Lodging Ltd	8601 Lindenwood Ln., Irving, Tx 75063	2951 State Hwy 114, Trophy Club, Tx 76262
57	Highway 114 Prospect Ltd	4011 N Midland Dr., Midland, Tx 79707	000111 Trophy Wood Dr., Trophy Club, Tx 76262
58	Highway 114 Prospect Ltd	4011 N Midland Dr., Midland, Tx 79707	000101 Trophy Wood Dr., Trophy Club, Tx 76262
59	Crumpton, David DDS PA	300 Trophy Club Dr. Ste 300, Roanoke, Tx 76262	000100 Trophy Wood Dr., Trophy Club, Tx 76262
60	Fmr Texas Ltd Prtnshp	82 Devonshire St • F4C, Boston, Ma 02109	Precinct Line Rd, Westlake, Tx 76262
61	Chandler, Rhonda Decker	4915 Swiss Ave., Dallas, Tx 75214	000000 W. State Hwy 114, Westlake, Tx 76262
62	Fmr Texas Ltd Prtnshp	82 Devonshire St • F4C, Boston, Ma 02109	W. State Hwy 114, Westlake, Tx 76262
63	Maguire Prtns-Solana Land LP	1221 Interstate 35E Ste 200, Carrollton, Tx 75006	W. State Hwy 114, Westlake, Tx 76262
64	Maguire Prtns-Solana Land LP	1221 Interstate 35E Ste 200, Carrollton, Tx 75006	W. State Hwy 114, Westlake, Tx 76262
65	Maguire Prtns-Solana Land LP	1221 Interstate 35E Ste 200, Carrollton, Tx 75006	001401 W. State Hwy 114, Westlake, Tx 76262
66	Maguire Prtns-Solana Land LP	1221 Interstate 35E Ste 200, Carrollton, Tx 75006	W. State Hwy 114, Westlake, Tx 76262
67	Maguire Prtns-Solana Land LP	1221 Interstate 35E Ste 200, Carrollton, Tx 75006	1396 W. State Hwy 114, Westlake, Tx 76262

Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
DENTON & TARRANT COUNTIES
STATE HIGHWAY 114
PROJECT LIMIT: TROPHY LAKE DRIVE
TO: KIRKWOOD BLVD
CONTROL: 0353-02-074(DENTON)
0353-03-093(TARRANT)
SH 114 FUNCTIONAL CLASS: URBAN FREEWAY
DESIGN SPEED: 70 mph
PROJECT LENGTH = 2.360 MI.


N
SCALE 0 1 2 3 4 MILES
DENTON CO
WISE CO.
COLLIN CO.
DALLAS CO.
WISE CO.
PARKER CO.
TARRANT CO
DALLAS CO.
BEGIN PROJECT
SH114: TROPHY LAKE
STA 1373+00.00
CSJ: 0353-02-074
DENTON/TARRANT CO LINE
END CSJ: 0353-02-074
BEGIN CSJ: 0353-03-093
END PROJECT
SH114: KIRKWOOD BLVD
STA 1496+24.79
END CSJ: 0353-03-093

LOCATION MAP

FEBRUARY 2016
SCALE: 1"=100' H, 1"=10' V
ROLL 2 OF 3

PRELIMINARY FOR INTERIM REVIEW ONLY

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	1/12/2016

Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC

JAMES K. SELMAN, P.E., DISTRICT ENGINEER
DENTON & TARRANT COUNTIES
STATE HIGHWAY 114
PROJECT LIMIT: TROPHY LAKE DRIVE
TO: KIRKWOOD BLVD
CONTROL: 0353-02-074(DENTON)
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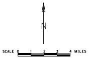
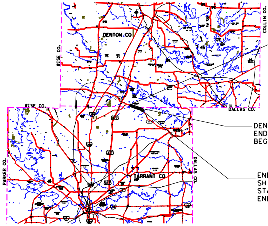
SH 114 FUNCTIONAL CLASS: URBAN FREEWAY
DESIGN SPEED: 70 mph
PROJECT LENGTH = 2.360 MI.


N
SCALE 0 1 2 3 4 MILES


DENTON CO.
COLLIN CO.
WISE CO.
DALLAS CO.
PARKER CO.
TARRANT CO.
BEGIN PROJECT
SH114: TROPHY LAKE
STA 1373+00.00
CSJ: 0353-02-074
DENTON/TARRANT CO LINE
END CSJ: 0353-02-074
BEGIN CSJ: 0353-03-093
END PROJECT
SH114: KIRKWOOD BLVD
STA 1496+24.79
END CSJ: 0353-03-093

LOCATION MAP

FEBRUARY 2016
SCALE: 1"=100' H, 1"=10'V
ROLL 3 OF 3

PRELIMINARY FOR INTERIM REVIEW ONLY

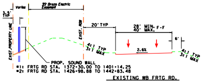
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:

NELSON L. UNDERWOOD	*91203*	*2/12/2016*
NAME	P.E. NO.	DATE

TOPOGRAPHIC DATA: MAY 2014

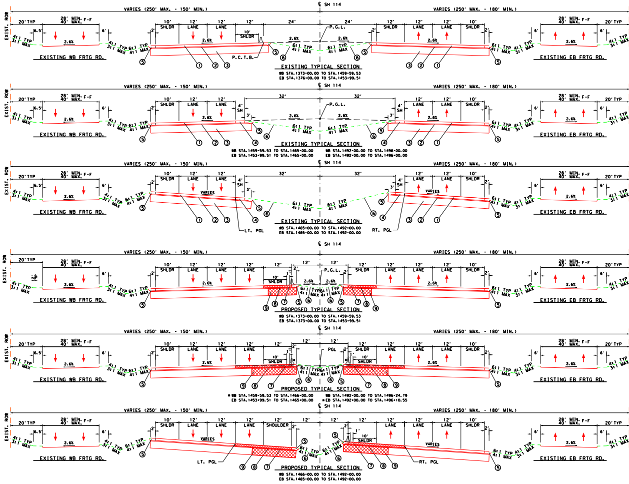
ROADWAY LEGEND

①	PROPERTY OWNER LABEL
⬡1	CURVE NO. LABEL
— — —	EXISTING ROW
→	DIRECTION OF TRAFFIC
— - —	EXISTING PROPERTY LINE
— - —	EXISTING LOT LINE
—	EXISTING PAVEMENT EDGES
- - -	EXISTING UTILITY EASEMENTS
- · -	EXISTING DRAINAGE EASEMENTS
▬	EXISTING PAVEMENT
— · —	PROPOSED CENTERLINE
▬	PROPOSED PAVEMENT
🟩	DEPRESSED MEDIAN
═	PROPOSED CONCRETE TRAFFIC BARRIER (CTB)
═	PROPOSED SOUND WALL


3.5' TYP
Varies
35' Brazo Electric Easement
EXIST. PROPERTY LINE
EXIST. ROW
20' TYP
28' MIN. 40' MAX. F-F
6'
2.6%
4:1 TYP 3:1 MAX
PROP. SOUND WALL
#1: FRTG RD STA. 1372+30.00 TO 1401+14.25
#2: FRTG RD STA. 1426+98.88 TO 1442+83.48
EXISTING WB FRTG RD.

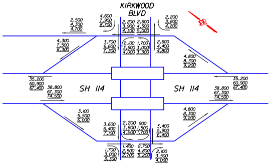
TYPICAL SECTION LEGEND

① EXIST. 11 IN. CRCP
② EXIST. 4 IN. H.M.A.C. (TY. B)
③ EXIST. 36" LIME TREATED SUBGRADE (4% LIME)
④ EXIST. 2 IN. H.M.A.C. & 9 IN. ASPH. STAB. BASE
⑤ ASPHALT STAB. BASE
⑥ 4" TOPSOIL FERT. & SEEDING
⑦ PROP. 11 IN CRCP
⑧ PROP. 4 IN. H.M.A.C. (TY. B)
⑨ PROP. 36" LIME TREATED SUBGRADE (4% LIME)


℄ SH 114
VARIES (250' MAX. - 150' MIN.)
VARIES (250' MAX. - 180' MIN.)
EXIST. ROW
20' TYP
28' MIN. 40' MAX. F-F
6.5'
6'
2'
10' SHLDR
12' LANE
12' LANE
12'
10' SHLDR
24'
32'
4' SH
3'
12' SHLDR
P.G.L.
PGL
LT. PGL
RT. PGL
P.C.T.B.
2.6%
VARIES
SHOULDER
4:1 TYP 3:1 MAX
6:1 TYP 4:1 MAX
EXISTING WB FRTG RD.
EXISTING EB FRTG RD.
EXISTING TYPICAL SECTION
WB STA. 1373+00.00 TO STA. 1459+59.53
EB STA. 1376+00.00 TO STA. 1453+99.51
EXISTING TYPICAL SECTION
WB STA. 1459+59.53 TO STA. 1465+00.00
EB STA. 1453+99.51 TO STA. 1465+00.00
WB STA. 1492+00.00 TO STA. 1496+00.00
EB STA. 1492+00.00 TO STA. 1496+00.00
EXISTING TYPICAL SECTION
WB STA. 1465+00.00 TO STA. 1492+00.00
EB STA. 1465+00.00 TO STA. 1492+00.00
PROPOSED TYPICAL SECTION
WB STA. 1373+00.00 TO STA. 1459+59.53
EB STA. 1373+00.00 TO STA. 1453+99.51
PROPOSED TYPICAL SECTION
*WB STA. 1459+59.53 TO STA. 1466+00.00
EB STA. 1453+99.51 TO STA. 1465+00.00
WB STA. 1492+00.00 TO STA. 1496+24.79
*EB STA. 1492+00.00 TO STA. 1496+10.55
PROPOSED TYPICAL SECTION
WB STA. 1466+00.00 TO STA. 1492+00.00
EB STA. 1465+00.00 TO STA. 1492+00.00

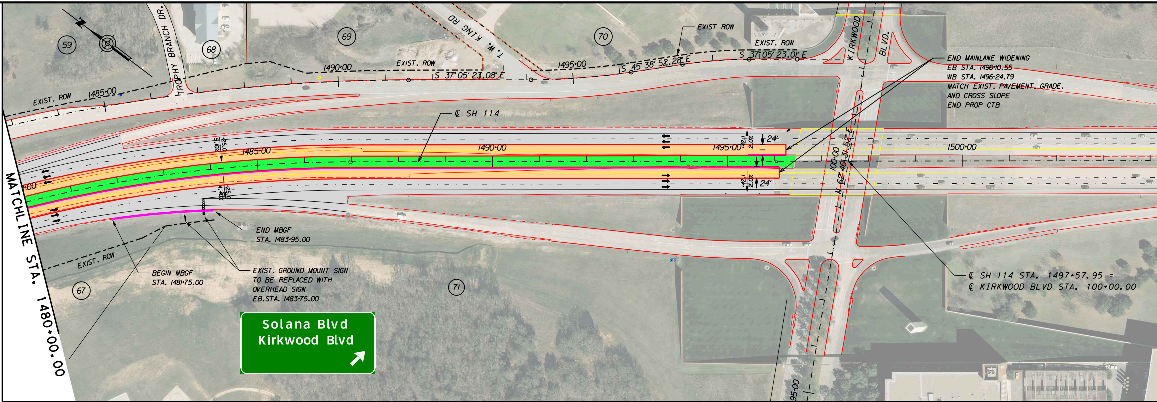
LEGEND

1,000 - 2014 ADT
1,000 - 2034 ADT
1,000 - 2044 ADT

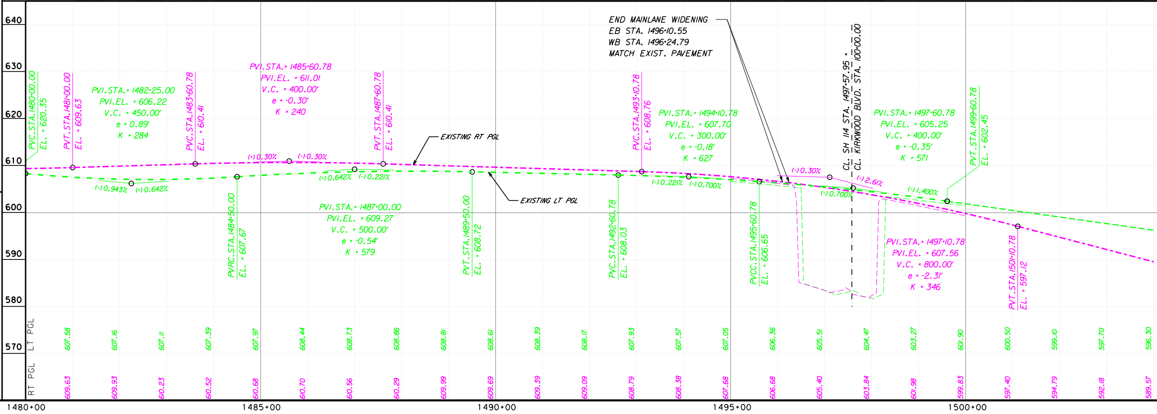

KIRKWOOD BLVD
SH 114
SH 114
2,500 4,300 4,700
4,600 7,900 8,700
2,200 3,900 4,300
2,600 4,500 5,000
2,200 3,800 4,200
4,300 7,500 8,300
3,700 6,600 7,300
2,100 3,600 4,000
1,700 3,000 3,300
2,600 4,400 4,800
4,800 8,300 9,200
35,200 60,900 67,400
38,800 67,300 74,500
35,200 60,900 67,400
38,800 67,300 74,500
3,100 5,500 6,000
3,600 6,400 7,100
2,200 3,800 4,200
900 1,500 1,700
3,400 5,900 6,400
4,800 8,300 9,200
1,700 3,000 3,300
1,400 2,500 2,700
2,700 4,800 5,200
2,100 3,500 4,000

TRAFFIC DIAGRAM
N.T.S.

SOURCE OF DATA: TEXAS DEPARTMENT OF TRANSPORTATION; TRANSPORTATION PROGRAMMING AND PLANNING DIVISION, AUGUST

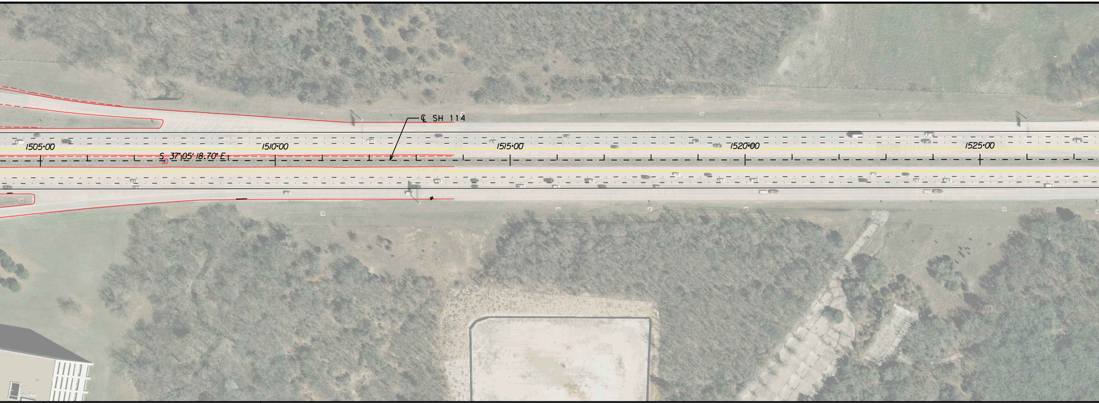


59
68
69
70
67
71
TROPHY BRANCH DR.
T.W. KING RD
KIRKWOOD
BLVD.
EXIST ROW
EXIST. ROW
EXIST. ROW
EXIST. ROW
EXIST. ROW
1485+00
1490+00
1495+00
1500+00
S 37°05' 23.08" E
S 45°38' 52.28" E
S 37°05' 23.01" E
℄ SH 114
24'
24'
2.0%
2.0%
12'
12'
5.0%
4.0%
25.0
25.0
100+00
N 62°46' 31.52" E
END MAINLANE WIDENING
EB STA. 1496+10.55
WB STA. 1496+24.79
MATCH EXIST. PAVEMENT, GRADE,
AND CROSS SLOPE
END PROP CTB
℄ SH 114 STA. 1497+57.95 =
℄ KIRKWOOD BLVD STA. 100+00.00
END MBGF
STA. 1483+95.00
BEGIN MBGF
STA. 1481+75.00
EXIST. GROUND MOUNT SIGN
TO BE REPLACED WITH
OVERHEAD SIGN
EB.STA. 1483+75.00
Solana Blvd
Kirkwood Blvd
MATCHLINE STA. 1480+00.00
95+00

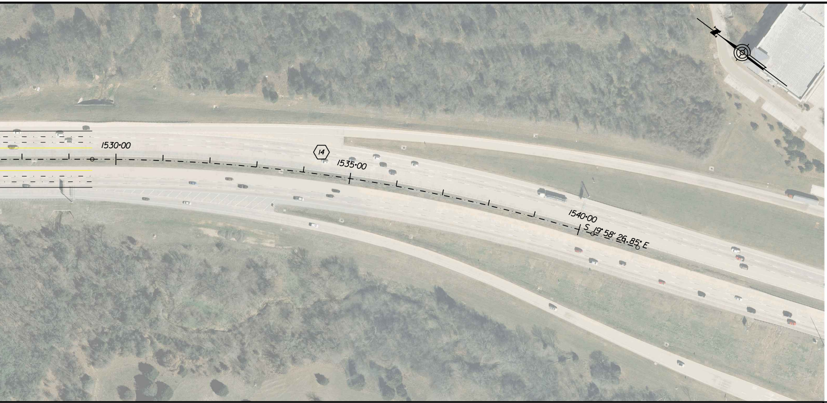


EXIST. ROW
EXIST. ROW
EXIST. ROW
EXIST. ROW
EXIST. ROW
EXIST. ROW

2014.


℄ SH 114
1505+00
1510+00
1515+00
1520+00
1525+00
S 37°05′ 18.70″ E

SH 114 SUPER-ELEVATION TABLE			
SH 114 EB CURVE #13		SH 114 WB CURVE #13	
STATION	CROSS SLOPE	STATION	CROSS SLOPE
1484+25.00	-4.400 %	1484+25.00	5.100 %
1485+00.00	-4.239 %	1485+00.00	4.623 %
1486+00.00	-4.024 %	1486+00.00	3.988 %
1487+00.00	-3.809 %	1487+00.00	3.352 %
1488+00.00	-3.594 %	1488+00.00	2.717 %
1489+00.00	-3.380 %	1489+00.00	2.081 %
1490+00.00	-3.165 %	1490+00.00	1.445 %
1491+00.00	-2.950 %	1491+00.00	0.810 %
1492+00.00	-2.735 %	1492+00.00	0.174 %
1493+00.00	-2.520 %	1493+00.00	-0.461 %
1494+00.00	-2.305 %	1494+00.00	-1.097 %
1495+00.00	-2.090 %	1495+00.00	-1.732 %
1495+42.10	-2.000 %	1495+42.10	-2.000 %


1530+00
14
1535+00
1540+00
S 19° 58' 26.85" E

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA
1	G-4	1088+74.37	7059634.92	2342169.54	5°48'52.44"
2	G-6	1114+52.06	7059893.73	2344736.21	7°04"10.04"
3	G-8	1135+05.87	7059846.64	2346793.08	19°04'19.39"
4	G-10	1168+54.18	7058676.28	2349942.85	3°05'59.47"
5	G-12	1182+42.12	7058123.15	2351215.97	2°18'20.26"
6	G-14	1212+32.11	7057042.93	2354004.15	6°55'56.28"
7	G-16	1233+67.75	7056035.89	2355889.37	18°41'02.54"
8	G-18	1284+60.63	7055199.98	2360924.49	66°20'35.63"
9	G-20	1331+02.70	7050285.38	2362170.88	58°20'57.65"
10	G-22	1381+39.98	7048709.97	2367191.9	5°43'51.93"
11	G-24	1410+83.53	7047552.32	2369899.29	6°57'58.68"
12	G-26	1427+02.42	7047100.6	2371455.67	2°11'49.07"
13	G-28	1478+61.98	7045473.52	3276352.08	34°31'47.26"
14	G-30	1534+94.08	7070937.51	2379781.21	17°06'51.86"

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA
15	WBFR-CV1	1414+23.33	7047745.46	2370085.88	2°12'04.89"
16	WBFR-CV2	1477+13.91	7045761.74	2376055.52	20°38"56.24"
17	WBFR-CV3	1486+89.41	7045140.31	2376822.09	13°52'46.49"
18	WBFR-CV4	1495+17.65	7044475.99	2377324.32	8°33'29.20"
19	WBFR-CV5	1498+06.21	7044273.99	2377530.94	8°33'29.26"

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA
20	EBFR-CV1	1335+79.77	7049819.21	2362375.43	69°56'40.82"
21	EBFR-CV2	1379+92.61	7048577.93	2367139.76	10°18'33.13"
22	EBFR-CV3	1410+28.88	7047297.40	2369896.89	12°08'46.37"
23	EBFR-CV4	1422+99.64	7047015.59	2371140.70	5°36'57.17"
24	EBFR-CV5	1447+37.28	7046258.14	2373458.16	6°22'30.47"
25	EBFR-CV6	1455+21.85	7046094.89	2374225.79	5°13'46.24"

CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA
26	C601	95+14.50	7049864.34	2365138.57	12°23'17.39"

Parcel No.	Owner Name
68	114 At Kirkwood LLC
69	5 Village Circle Holdings LP
70	5 Village Circle Holdings LP
71	5 Village Circle Holdings LP

CURVE DATA TABLE

CENTERLINE SH 114 CURVE DATA

RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
22918.3118	0°15′00.00″	1163.9124	2325.8266	N 87°08′57.59″ E	2324.8286	1077+10.46	1100+36.28	S 89°56′36.19″ E	N 84°14′31.37″ E
22918.3118	0°15′00.00″	1415.6874	2827.7819	N 87°46′36.38″ E	2825.9885	1100+36.37	1128+64.15	N 84°14′31.37″ E	S 88°41′18.60″ E
3819.7186	1°30′00.00″	641.671	1271.4703	S 79°09′08.90″ E	1265.6083	1128+64.20	1141+35.67	S 88°41′18.60″ E	S 69°36′59.20″ E
11459.1559	0°30′00.00″	310.0609	619.9705	S 68°03′59.47″ E	619.8949	1165+44.12	1171+64.09	S 69°36′59.20″ E	S 66°30′59.73″ E
22918.3118	0°15′00.00″	461.1877	922.2509	S 67°40′09.86″ E	922.1887	1177+80.93	1187+03.18	S 66°30′59.73″ E	S 68°49′19.99″ E
11459.1559	0°30′00.00″	694.0769	1386.4599	S 65°21′21.85″ E	1385.6144	1205+38.04	1219+24.50	S 68°49′19.99″ E	S 61°53′23.71″ E
3819.7186	1°30′00.00″	628.3797	1245.6027	S 71°13′54.98″ E	1240.0909	1227+39.37	1239+84.97	S 61°53′23.71″ E	S 80°34′26.26″ E
2864.789	2°00′00.00″	1872.639	3317.1615	S 47°24′08.44″ E	3134.9306	1265+87.99	1299+05.15	S 80°34′26.26″ E	S 14°13′50.63″ E
2291.8312	2°30′00.00″	1279.532	2333.9738	S 43°24′19.45″ E	2234.4151	1318+23.17	1341+57.14	S 14°13′50.63″ E	S 72°34′48.27″ E
11459.1559	0°30′00.00″	573.5875	1146.2183	S 69°42′52.31″ E	1145.7405	1375+66.39	1387+12.61	S 72°34′48.27″ E	S 66°50′56.34″ E
11459.1559	0°30′00.00″	697.4895	1393.26	S 70°19′55.68″ E	1392.2600	1403+86.04	1417+79.30	S 66°50′56.34″ E	S 73°48′55.02″ E
22918.3118	0°15′00.00″	439.4464	878.7851	S 72°43′00.49″ E	878.7312	1422+62.97	1431+41.76	S 73°48′55.02″ E	S 71°37′05.96″ E
2864.789	2°00′00.00″	890.3573	1726.4897	S 54°21′12.33″ E	1700.4807	1469+71.62	1486+98.11	S 71°37′05.96″ E	S 37°05′18.70″ E
3618.6808	1°35′00.00″	544.5095	1080.9097	S 28°31′52.77″ E	1076.8958	1529+49.58	1540+30.48	S 37°05′18.70″ E	S 19°58′26.85″ E

WESTBOUND FRTG RD CURVE DATA

RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
5729.5780	1°00′00.00″	110.0815	220.1359	S 70°31′03.35″	220.1224	1413+13.25	1415+33.39	S 69°25′00.91″ E	S 71°37′05.80″ E
2864.7890	2°00′00.00″	521.8848	1032.4478	S 61°17′37.68″	1026.8695	1471+92.03	1482+24.48	S 71°37′05.80″ E	S 50°58′09.56″ E
3819.7186	1°30′00.00″	464.9285	925.3053	S 44°01′46.32″	923.0445	1482+24.48	1491+49.78	S 50°58′09.56″ E	S 37°05′23.08″ E
1432.3945	4°00′00.00″	107.1757	213.9528	S 41°22′07.68″	213.7540	1494+10.48	1496+24.43	S 37°05′23.08″ E	S 45°38′52.28″ E
954.9297	6°00′00.00″	71.4506	142.6355	S 41°22′07.65″	142.5029	1497+34.76	1498+77.40	S 45°38′52.28″ E	S 37°05′23.01″ E

EASTBOUND FRTG RD CURVE DATA

RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
2864.7890	2°00′00.00″	2003.8862	3497.2337	N 69°37′50.33″ E	3284.0845	1315+75.89	1350+73.12	N 34°39′29.92″ E	S 75°23′49.26″ E
7639.4373	0°45′00.00″	689.1404	1374.5603	S 70°14′32.69″ E	1372.7069	1373+03.47	1386+78.03	S 75°23′49.26″ E	S 65°05′16.13″ E
5729.5780	1°00′00.00″	609.5953	1214.6214	S 71°09′39.31″ E	1212.3485	1404+19.28	1416+33.90	S 65°05′16.13″ E	S 77°14′02.50″ E
5729.5780	1°00′00.00″	281.0191	561.5881	S 74°25′33.91″ E	561.3633	1420+18.62	1425+80.21	S 77°14′02.50″ E	S 71°37′05.32″ E
1909.8593	3°00′00.00″	106.3619	212.5044	S 74°48′22.86″ E	212.3948	1446+30.91	1448+43.42	S 71°37′07.62″ E	S 77°59′38.09″ E
2864.7890	2°00′00.00″	130.8286	261.4755	S 75°22′44.98″ E	261.3847	1453+91.02	1456+52.50	S 77°59′38.09″ E	S 72°45′51.86″ E

CENTERLINE TROPHY LAKE DR CURVE DATA

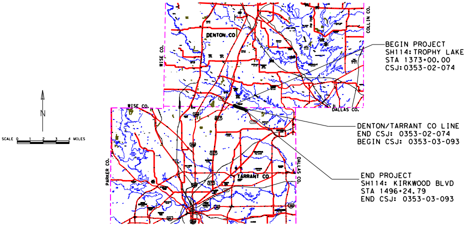
RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
1432.3900	4°00′00.05″	155.4577	309.7031	S 23°36′51.08″ W	309.1002	93+59.04	96+68.75	S 29°48′29.78″ W	S 17°25′12.39″ E

PROPERTY OWNERS

	Owner Address	Situs Address
	2600 E. Southlake Blvd., Southlake, Tx 76092	306 Trophy Branch, Trophy Club, Tx 76262
	7501 Wisconsin Ave. Ste 500, Bethesda, MD 20814	3300 T W King Rd., Westlake, Tx 76262
	7501 Wisconsin Ave. Ste 500, Bethesda, MD 20814	1 E. Kirkwood Blvd., Southlake, Tx 76092
	7501 Wisconsin Ave. Ste 500, Bethesda, MD 20814	5 W. Kirkwood Blvd., Westlake, Tx 76262

Texas Department of Transportation®

DALLAS DISTRICT
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E., DISTRICT ENGINEER
DENTON & TARRANT COUNTIES
STATE HIGHWAY 114
PROJECT LIMIT: TROPHY LAKE DRIVE
TO: KIRKWOOD BLVD
CONTROL: 0353-02-074(DENTON)
0353-03-093(TARRANT)
SH 114 FUNCTIONAL CLASS: URBAN FREEWAY
DESIGN SPEED: 70 mph
PROJECT LENGTH = 2.360 MI.


N
SCALE 0 1 2 3 4 MILES
DENTON CO
WISE CO.
COLLIN CO.
DALLAS CO.
PARKER CO.
TARRANT CO
BEGIN PROJECT
SH114: TROPHY LAKE
STA 1373+00.00
CSJ: 0353-02-074
DENTON/TARRANT CO LINE
END CSJ: 0353-02-074
BEGIN CSJ: 0353-03-093
END PROJECT
SH114: KIRKWOOD BLVD
STA 1496+24.79
END CSJ: 0353-03-093

LOCATION MAP

FEBRUARY 2016
SCALE: 1"=100′ H, 1"=10′V
ROLL 3 OF 3

PRELIMINARY FOR INTERIM REVIEW ONLY

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NAME	P.E. NO.	DATE
NELSON L. UNDERWOOD	*91203*	*1/12/2016*