TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

WILLIAM L. HALE, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, COLLIN COUNTY

CSJ NO. 0135-11-018, 0135-02-049, 0135-02-044
AND 0135-02-050
WEST OF CR 26 (DENTON/COLLIN CL) TO FM 2478 (CUSTER ROAD)

DESIGN SPEED

US 380 MAINLANES COUNTY LINE TO CUSTER RD = 45 MPH
RAMPS = 40 MPH
FRONTAGE ROADS = 40 MPH
CROSS STREETS = 45 MPH

AVERAGE DAILY TRAFFIC =	2008	2030	2040
US 380 =	26,200	45,600	52,400

TEXAS DEPARTMENT OF TRANSPORTATION; TRANSPORTATION PROGRAMMING AND PLANNING DIVISION MEMORANDUM, JUNE 18, 2008

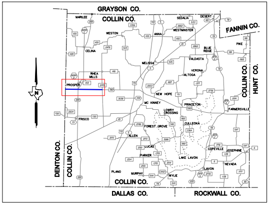
FUNCTIONAL CLASSIFICATION

US380 - URBAN PRINCIPAL ARTERIAL

SCALE

1"=100' HORIZONTAL
1"=10' VERTICAL

PROJECT LENGTH = 31,858.3 ft (6.034 miles)


GRAYSON CO.
COLLIN CO.
FANNIN CO.
HUNT CO.
COLLIN CO.
DENTON CO.
COLLIN CO.
COLLIN CO.
DALLAS CO.
ROCKWALL CO.
N
MARILEE
WESTON
ANNA
SEDALIA
DESERT
WESTMINSTER
CELINA
BLUE RIDGE
PIKE
MELISSA
VALDASTA
RHEA MILLS
PROSPER
VERONA
ALTOGA
NEW HOPE
MC KINNEY
PRINCETON
LOWRY CROSSING
FARMERSVILLE
FRISCO
FOREST GROVE
CULLEOKA
ALLEN
LUCAS
COPEVILLE
JOSEPHINE
PARKER
LAKE LAVON
NEVADA
LAVON
PLANO
MURPHY
WYLIE

LOCATION MAP

N.T.S.

INDEX OF SHEETS

SHEET 1 - MAIN LANES PLAN & PROFILE
SHEET 2 - MAIN LANES PLAN & PROFILE
SHEET 3 - MAIN LANES PLAN & CURVE DATA
SHEET 4 - PROFILES FRONTAGE ROADS, CROSS STREETS & RAMPS

LEGEND

🟥	PROPOSED MAINLANES
🟦	PROPOSED FRONTAGE ROAD
🟩	PROPOSED RAMPS
🟧	PROPOSED BRIDGES
🟨	PROPOSED SIDEWALK
▨	EXISTING ROAD TO BE REMOVED
⬜	FUTURE ROAD (BY OTHERS)
—	PROPOSED RETAINING WALL
—	PROPOSED CENTERLINE
—	EXISTING CENTERLINE
—	PROPOSED RIGHT-OF-WAY
—	CONTROL OF ACCESS
—	PERMANENT WATERLINE EASEMENT
—	EXISTING 72" WATERLINE
—	EXISTING RIGHT-OF-WAY
—	EXISITNG EASEMENT
—	PROPOSED EASEMENT
—	BNSF RAILROAD
—	CITY/COUNTY LINE
—	PROPERTY LINE
←	LANE DIRECTIONAL INDICATOR

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.

SERIAL NO. (TX PE NO. 99487)

DATE:________________

DATE SUBMITTED
JUNE 25, 2012

DATE APPROVED

DATE REVISED

NOT INTENDED FOR
CONSTRUCTION,
BIDDING, OR
PERMIT PURPOSES

ROLL 1 OF 4

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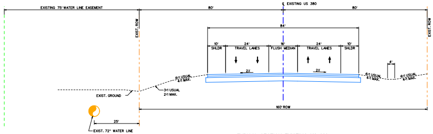
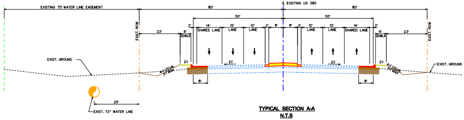
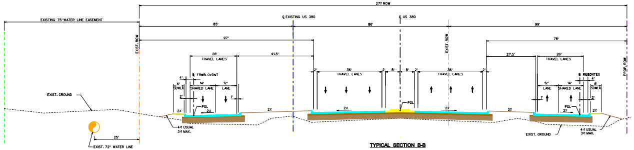
AECOM Technical Services Inc.- 3580


EXISTING 75' WATER LINE EASEMENT
80'
℄ EXISTING US 380
80'
EXIST. ROW
EXIST. ROW
84'
10'
SHLDR
24'
TRAVEL LANES
16'
FLUSH MEDIAN
24'
TRAVEL LANES
10'
SHLDR
2%
2%
4'
6:1 USUAL
4:1 MAX.
6:1 USUAL
4:1 MAX.
6:1 USUAL
4:1 MAX.
3:1 USUAL
2:1 MAX.
EXIST. GROUND
160' ROW
25'
EXIST. 72" WATER LINE

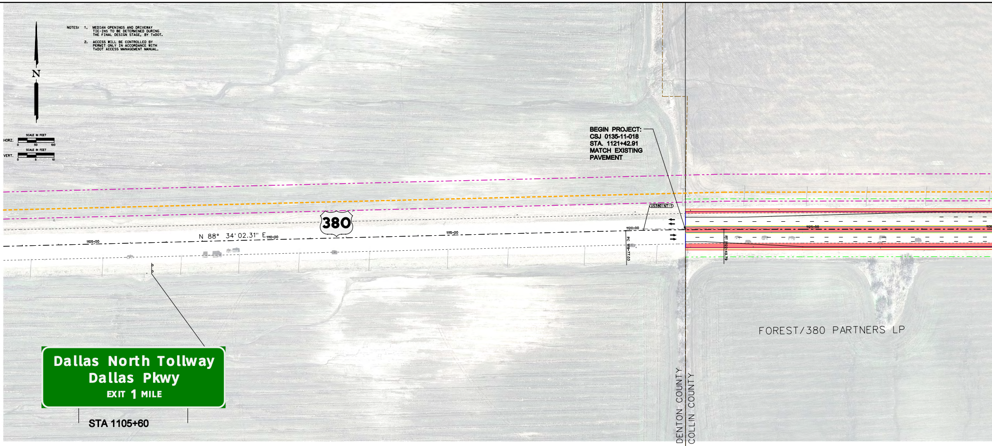
TYPICAL SECTION EXISTING US 380
N.T.S


EXISTING 75' WATER LINE EASEMENT
80'
℄ EXISTING US 380
80'
50'
50'
EXIST. ROW
EXIST. ROW
23'
6'
SDWLK
2'
14'
SHARED LANE
12'
LANE
12'
LANE
2'
8'
8'
2'
12'
LANE
12'
LANE
14'
SHARED LANE
2'
6'
SDWLK
23'
2%
2%
2%
2%
4:1 USUAL
3:1 MAX
4:1 USUAL
3:1 MAX
8'
8'
EXIST. GROUND
EXIST. GROUND
25'
EXIST. 72" WATER LINE

TYPICAL SECTION A-A
N.T.S


271' ROW
EXISTING 75' WATER LINE EASEMENT
℄ EXISTING US 380
℄ US 380
85'
86'
99'
EXIST. ROW
EXIST. ROW
PROP. ROW
97'
78'
26'
TRAVEL LANES
41.5'
27.5'
26'
TRAVEL LANES
℄ FRWBLOVDNT
℄ REBDNTEX
4'
6'
SDWLK
14'
SHARED LANE
12'
LANE
2'
1'
2'
36'
TRAVEL LANES
2'
8'
8'
2'
36'
TRAVEL LANES
2'
12'
LANE
14'
SHARED LANE
4'
6'
SDWLK
1'
2'
PGL
PGL
PGL
2%
2%
2%
2%
2%
2%
2%
2%
2%
EXIST. GROUND
EXIST. GROUND
4:1 USUAL
3:1 MAX.
4:1 USUAL
3:1 MAX.
25'
EXIST. 72" WATER LINE

TYPICAL SECTION B-B
N.T.S

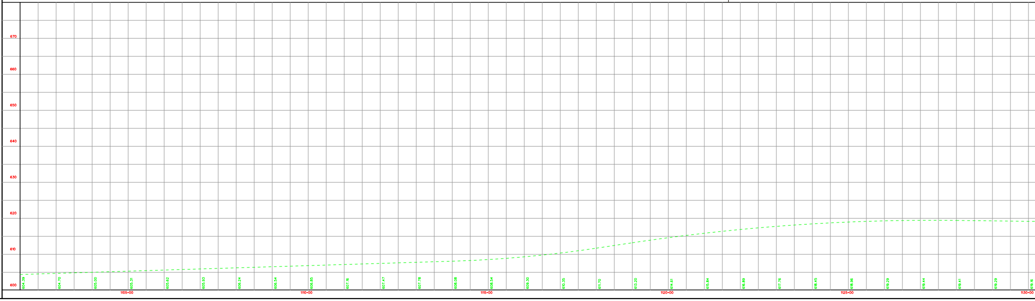

NOTES: 1. MEDIAN OPENINGS AND DRIVEWAY TIE-INS TO BE DETERMINED DURING THE FINAL DESIGN STAGE, BY TxDOT.

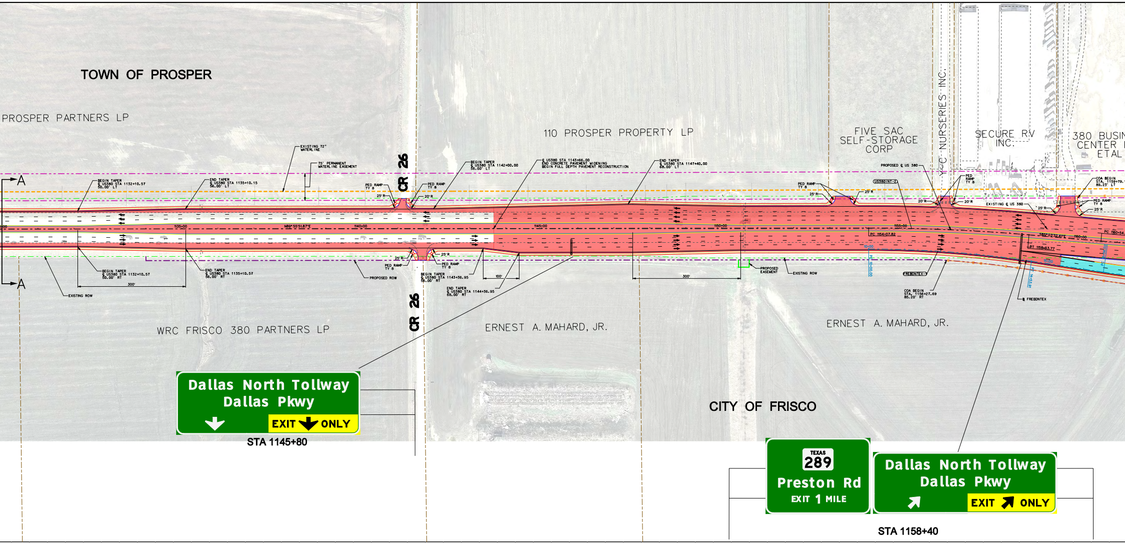
2. ACCESS WILL BE CONTROLLED BY PERMIT ONLY IN ACCORDANCE WITH TxDOT ACCESS MANAGEMENT MANUAL.

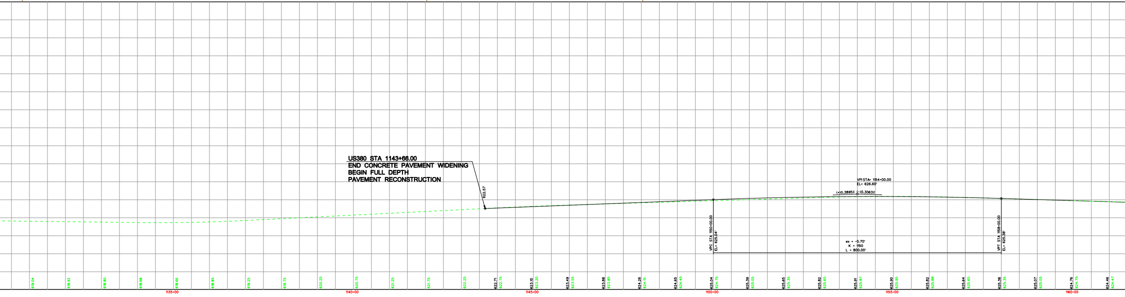
BEGIN PROJECT:
CSJ 0135-11-018
STA. 1121+42.91
MATCH EXISTING
PAVEMENT

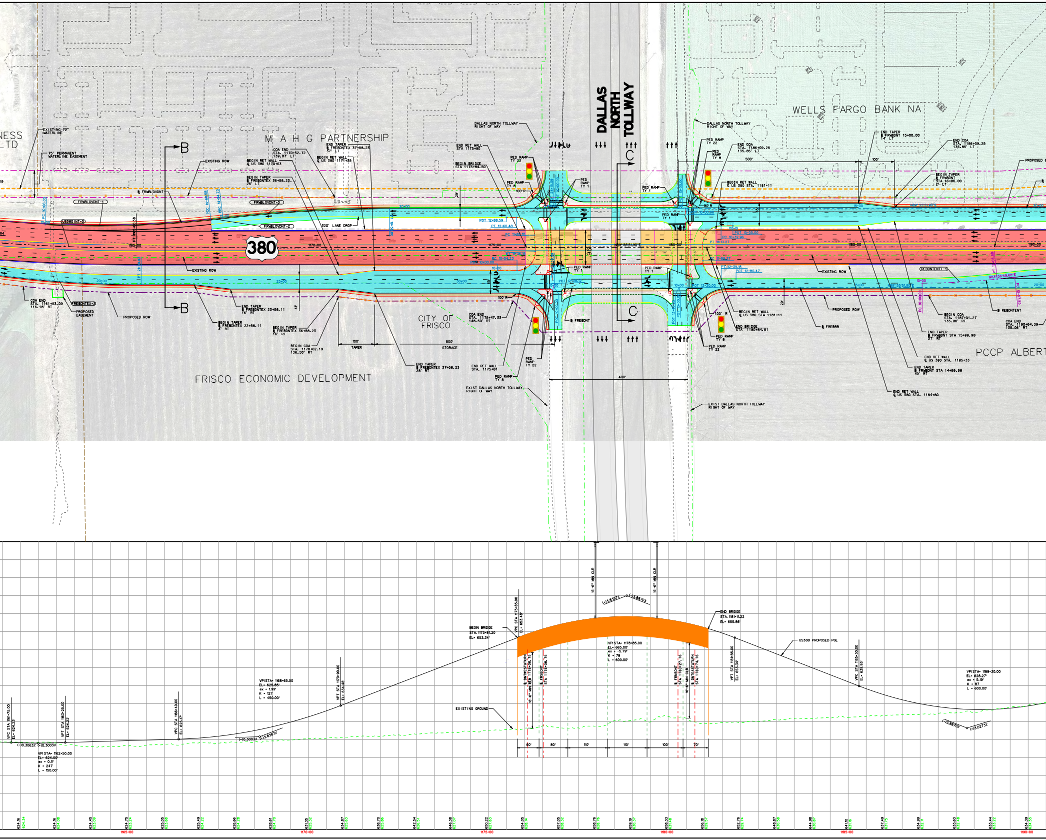
STA 1105+60

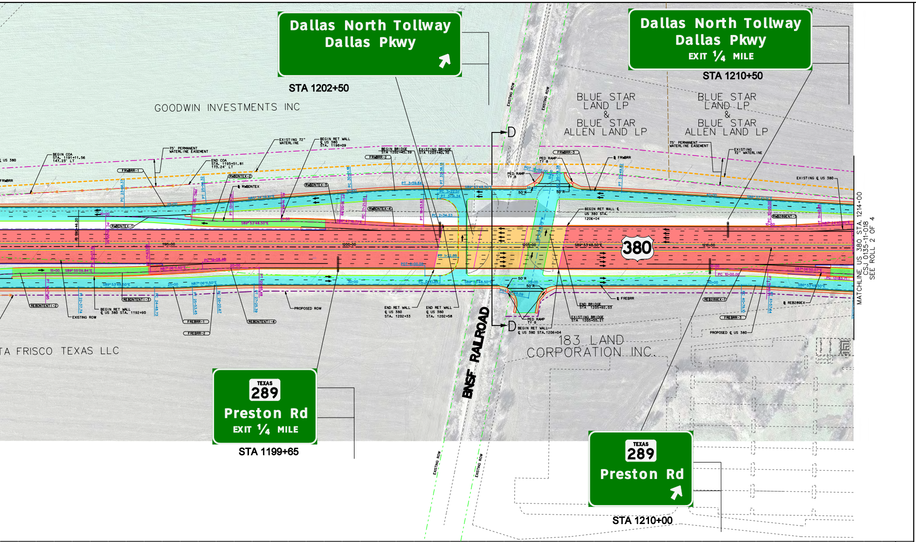
N
SCALE IN FEET
HORZ.
0
50
100
SCALE IN FEET
VERT.
0
5
10
380
N 88° 34' 02.31" E
1105+00
1110+00
1115+00
1120+00
1125+00
US380INT-1
PC 1119+77.03
PT 1122+49.79
Dallas North Tollway
Dallas Pkwy
EXIT 1 MILE
DENTON COUNTY
COLLIN COUNTY
FOREST/380 PARTNERS LP



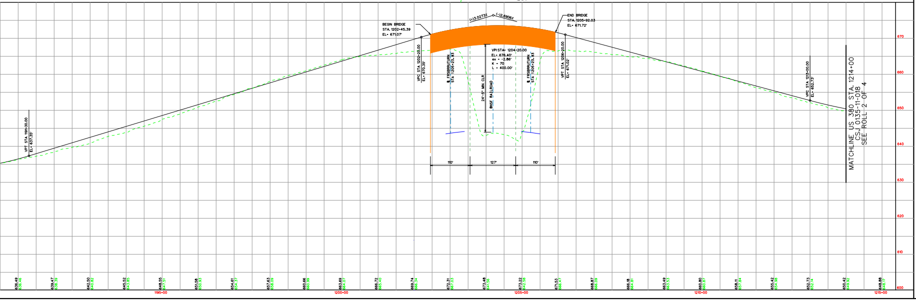

TOWN OF PROSPER
PROSPER PARTNERS LP
110 PROSPER PROPERTY LP
FIVE SAC SELF-STORAGE CORP
Y C NURSERIES INC.
SECURE RV INC.
380 BUSIN CENTER ETAL
EXISTING 72" WATERLINE
75' PERMANENT WATERLINE EASEMENT
BEGIN TAPER ℄ US380 STA 1132+10.57 50.00' LT
END TAPER ℄ US380 STA 1135+10.15 56.00' LT
PED RAMP TY 8
25' R
20' R
CR 26
BEGIN TAPER ℄ US380 STA 1142+00.00 56.00' LT
℄ US380 STA 1143+66.00 END CONCRETE PAVEMENT WIDENING BEGIN FULL DEPTH PAVEMENT RECONSTRUCTION
END TAPER ℄ US380 STA 1147+40.00 68.00' LT
PROPOSED ℄ US 380
US380INT-2
EXISTING ℄ US 380
COA BEGIN STA. 1159+79.1 89.23' LT
A
1135+00
N89° 55'51.87"E
1140+00
1145+00
1150+00
1155+00
PC 1154+07.82
S85°03'32.41"E
1160+00
PC 1160+54.
PT 1158+53.77
10+00
PC 10+00.00
15+00
PT 14+53.91
BEGIN TAPER ℄ US380 STA 1132+10.57 50.00' RT
END TAPER ℄ US380 STA 1135+10.57 56.00' RT
300'
EXISTING ROW
PROPOSED ROW
BEGIN TAPER ℄ US380 STA 1143+36.95 56.00' RT
END TAPER ℄ US380 STA 1144+36.95 68.00' RT
100'
PROPOSED EASEMENT
FREBONTEX-1
COA BEGIN STA. 1156+27.69 85.20' RT
℄ FREBONTEX
WRC FRISCO 380 PARTNERS LP
ERNEST A. MAHARD, JR.
CITY OF FRISCO
Dallas North Tollway
Dallas Pkwy
EXIT ONLY
STA 1145+80
TEXAS
289
Preston Rd
EXIT 1 MILE
STA 1158+40


US380 STA 1143+66.00
END CONCRETE PAVEMENT WIDENING
BEGIN FULL DEPTH
PAVEMENT RECONSTRUCTION
622.57
VPI STA= 1154+00.00
EL= 626.60'
(+)0.3895% (-)0.3063%
VPC STA 1150+00.00
EL= 625.04'
VPT STA 1158+00.00
EL= 625.38'
ex = -0.70'
K = 1150
L = 800.00'
1135+00
1140+00
1145+00
1150+00
1155+00
1160+00

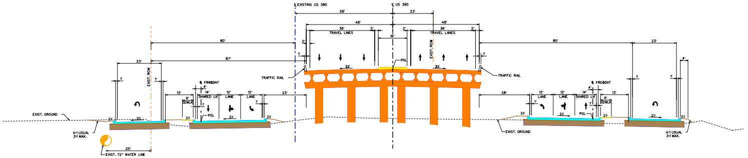

NESS
LTD
EXISTING-72" WATERLINE
75' PERMANENT WATERLINE EASEMENT
M A H G PARTNERSHIP
B
EXISTING ROW
COA END STA. 1170+52.72 139.07' LT
END TAPER ℄ FREBDNTEX 37+58.23 37' LT
BEGIN RET WALL ℄ US 380 1170+63
BEGIN RET WALL ℄ US 380 1171+35
BEGIN TAPER ℄ FREBDNTEX 36+58.23 25' LT
℄ FRWBLOVDNT
FRWBLOVDNT-1
FRWBLOVDNT-2
FRWBLOVDNT-3
US380INT-3
PC 10+00.00
PCC 14+60.58
PRC 14+94.73
PT 21+09.93
PT 19+56.80
320' LANE DROP
380
1165+00
1170+00
1175+00
1180+00
1185+00
1190+00
20+00
25+00
30+00
15+00
10+00
29'
41'
65'
96'
COA END STA. 1161+93.09 116.18' RT
FREBDNTEX-2
PROPOSED EASEMENT
PROPOSED ROW
END TAPER ℄ FREBDNTEX 23+58.11 16' RT
BEGIN TAPER ℄ FREBDNTEX 22+58.11 4' RT
BEGIN TAPER ℄ FREBDNTEX 36+58.23 16' RT
BEGIN COA STA. 1170+62.19 136.50' RT
100' TAPER
500' STORAGE
END TAPER ℄ FREBDNTEX 37+58.23 28' RT
FRISCO ECONOMIC DEVELOPMENT
CITY OF FRISCO
COA END STA. 1175+47.33 148.50' RT
END RET WALL STA. 1175+81
PED RAMP TY 8
PED RAMP TY 22
PED RAMP TY 1
EXIST DALLAS NORTH TOLLWAY RIGHT OF WAY
DALLAS NORTH TOLLWAY RIGHT OF WAY
END RET WALL STA 1175+80
BEGIN BRIDGE STA 1175+84.50
100' R
80' R
POT 12+88.59
PT 12+60.48
PC 11+83.18
PT 11+36.15
PC 10+54.23
POT 10+00.00
POT 12+88.13
POT 10+00.00
POT 13+46.23
N89°55'51.90"E
DALLAS NORTH TOLLWAY
C
℄ FREBDNT
400'
WELLS FARGO BANK NA
END COA STA. 1186+09.25 135.85' LT
500'
100'
END TAPER ℄ FRWBDNT 15+00.00 14' LT
BEGIN TAPER ℄ FRWBDNT STA 16+00.00 2' LT
BEGIN RET WALL ℄ US 380 STA. 1181+11
POT 10+00.00
PC 10+32.98
PT 11+13.27
PC 11+59.27
PT 12+39.18
POT 12+80.47
POT 12+20.00
EXISTING ROW
REBDNTENT1-1
N83°56'49.68"E
PT 12+08.88
PC 12+57.85
PC 10+00.00
PROPOSED ROW
℄ REBDNTENT
BEGIN COA STA. 1187+01.27 135.00' RT
COA END STA. 1190+64.39 135.06' RT
END BRIDGE STA 1180+84.51
℄ FREBRR
END TAPER ℄ FRWBDNT STA 15+99.98 37' RT
END RET WALL ℄ US 380 STA. 1185+33
END TAPER ℄ FRWBDNT STA 14+99.98 49' RT
END RET WALL ℄ US 380 STA. 1184+80
PCCP ALBERT
PROPOSED
VPC STA 1161+75.00 EL= 624.23'
(-)0.3063%
(+)0.3003%
VPI STA= 1162+50.00 EL= 624.00' ex = 0.11' K = 247 L = 150.00'
VPT STA 1163+25.00 EL= 624.22'
VPC STA 1166+40.00 EL= 625.17'
VPI STA= 1168+65.00 EL= 625.85' ex = 1.99' K = 127 L = 450.00'
(+)3.8387%
VPT STA 1170+90.00 EL= 634.48'
BEGIN BRIDGE STA. 1175+81.20 EL= 653.34'
VPC STA 1175+85.00 EL= 653.48'
EXISTING GROUND
16'-6" MIN CLR
(-)3.6870%
VPI STA= 1178+85.00 EL= 665.00' ex = -5.79' K = 78 L = 600.00'
℄ DNTWESTUTURN STA 1176+08.75
℄ FRSBDNT STA 1176+08.75
℄ FRNBDNT STA 1180+27.16
℄ DNTEASTUTURN STA 1180+74.16
END BRIDGE STA. 1181+11.22 EL= 655.86'
VPT STA 1181+85.00 EL= 653.34'
US380 PROPOSED PGL
VPC STA 1185+30.00 EL= 639.93'
VPI STA= 1188+30.00 EL= 628.27' ex = 5.19' K = 87 L = 600.00'
(-)3.6870%
(+)3.0273%
60'
80'
110'
110'
100'
70'
624.16 624.34
624.16 624.08
624.45 623.09
624.75 623.24
625.05 623.68
625.49 624.22
626.66 624.28
628.61 624.70
631.35 625.32
634.87 625.63
638.70 625.86
642.54 626.51
646.38 627.07
650.22 627.63
654.05 628.14
657.05 628.32
658.76 628.76
659.19 630.37
658.33 631.48
656.18 629.57
652.76 629.74
648.87 630.58
644.98 630.87
641.10 631.16
637.49 631.75
634.99 632.11
633.63 632.48
633.44 633.22
634.39 634.55



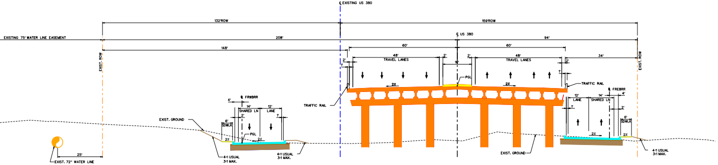
Dallas North Tollway
Dallas Pkwy
STA 1202+50
Dallas North Tollway
Dallas Pkwy
EXIT 1/4 MILE
STA 1210+50
GOODWIN INVESTMENTS INC
BLUE STAR LAND LP & BLUE STAR ALLEN LAND LP
BLUE STAR LAND LP & BLUE STAR ALLEN LAND LP
EXISTING ROW
D
D
380
BNSF RAILROAD
TA FRISCO TEXAS LLC
183 LAND CORPORATION INC.
TEXAS 289
Preston Rd
EXIT 1/4 MILE
STA 1199+65
TEXAS 289
Preston Rd
STA 1210+00
1195+00
1200+00
1205+00
1210+00
BEGIN BRIDGE STA 1202+45.39
EXISTING BRIDGE STA 1203+40.70
END BRIDGE STA 1205+92.03
EXISTING BRIDGE STA 1205+55.21
BEGIN RET WALL ℄ US 380 STA. 1206+04
END RET WALL ℄ US 380 STA. 1202+33
END RET WALL ℄ US 380 STA. 1202+58
75' PERMANENT WATERLINE EASEMENT
EXISTING 72" WATERLINE
PROPOSED ROW
EXISTING ROW
PED RAMP TY 8
EXISTING ℄ US 380
PROPOSED ℄ US 380
MATCHLINE US 380 STA. 1214+00 CSJ 0135-11-018 SEE ROLL 2 OF 4



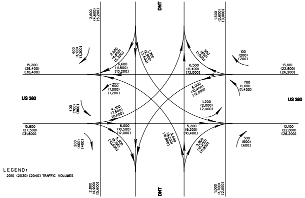
BEGIN BRIDGE STA. 1202+45.39 EL= 671.07'
END BRIDGE STA. 1205+92.03 EL= 671.72'
(+)3.0273%
(-)2.6906%
VPI STA= 1204+20.00
EL= 676.40'
ex = -2.86'
K = 70
L = 400.00'
VPC STA 1202+20.00 EL= 670.35'
VPT STA 1206+20.00 EL= 671.02'
℄ FRSBRRUTURN STA 1205+23.83
℄ FRSBRRUTURN STA 1205+23.83
24'-5" MIN CLR
BNSF RAILROAD
110'
127'
110'
VPT STA 1191+30.00 EL= 637.35'
VPC STA 1213+00.00 EL= 652.73'
670
660
650
640
630
620
610
600
1195+00
1200+00
1205+00
1210+00
1215+00
MATCHLINE US 380 STA. 1214+00 CSJ 0135-11-018 SEE ROLL 2 OF 4


℄ EXISTING US 380
℄ US 380
58'
23'
48'
48'
36'
TRAVEL LINES
36'
TRAVEL LANES
2'
2'
2'
2'
16'
80'
87'
85'
23'
23'
4'
1'
EXIST. ROW
EXIST. ROW
TRAFFIC RAIL
TRAFFIC RAIL
PGL
2%
℄ FRWBONT
℄ FREBONT
4'
13'
6'
SDWLK
14'
SHARED LN
12'
LANE
12'
LANE
23'
28'
EXIST. GROUND
EXIST. GROUND
4:1 USUAL
3:1 MAX.
25'
EXIST. 72" WATER LINE

TYPICAL SECTION C-C
N.T.S


℄ EXISTING US 380
℄ US 380
132'ROW
159'ROW
EXISTING 75' WATER LINE EASEMENT
208'
94'
148'
60'
60'
48'
TRAVEL LANES
48'
TRAVEL LANES
34'
2'
1'
16'
EXIST. ROW
EXIST. ROW
TRAFFIC RAIL
TRAFFIC RAIL
PGL
2%
℄ FRWBRR
℄ FREBRR
4'
14'
SHARED LN
12'
LANE
6'
SDWLK
EXIST. GROUND
EXIST. GROUND
4:1 USUAL
3:1 MAX.
25'
EXIST. 72" WATER LINE

TYPICAL SECTION D-D
N.T.S.


DNT
DNT
US 380
US 380
2,600 (4,600) [5,200]
1,500 (2,600) [3,000]
600 (1,100) [1,200]
2,600 (4,600) [5,200]
1,700 (2,900) [3,400]
500 (800) [1,000]
100 (200) [200]
15,200 (26,400) [30,400]
6,600 (11,500) [13,200]
6,500 (11,400) [13,000]
13,100 (22,800) [26,200]
600 (1,000) [1,200]
6,000 (10,400) [12,000]
700 (1,100) [1,400]
400 (700) [800]
4,300 (7,500) [8,600]
1,200 (2,000) [2,400]
15,800 (27,500) [31,600]
6,000 (10,500) [12,000]
5,200 (9,200) [10,400]
13,100 (22,800) [26,200]
200 (400) [400]
5,300 (9,100) [10,600]
5,400 (9,200) [10,800]
5,900 (10,200) [11,800]
300 (500) [600]
2,800 (4,900) [5,600]
1,000 (1,700) [2,000]
LEGEND:
2010 (2030) [2040] TRAFFIC VOLUMES

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

WILLIAM L. HALE, P.E., DISTRICT ENGINEER
US 380 DESIGN SCHEMATIC, COLLIN COUNTY

CSJ NO. 0135-11-018, 0135-02-049, 0135-02-044
AND 0135-02-050
EAST OF CR 26 (DENTON/COLLIN CL) TO FM 2478 (CUSTER ROAD)

DESIGN SPEED

US 380 MAINLANES COUNTY LINE TO CUSTER RD = 45 MPH
RAMPS = 40 MPH
FRONTAGE ROADS = 40 MPH
CROSS STREETS = 45 MPH

AVERAGE DAILY TRAFFIC = 2008		2030	2040
US 380 =	26,200	45,600	52,400

TEXAS DEPARTMENT OF TRANSPORTATION; TRANSPORTATION PROGRAMMING AND PLANNING DIVISION MEMORANDUM, JUNE 18, 2008

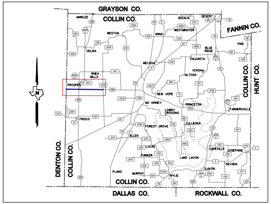
FUNCTIONAL CLASSIFICATION

US380 - URBAN PRINCIPAL ARTERIAL

SCALE

1"=100' HORIZONTAL
1"=10' VERTICAL

PROJECT LENGTH = 31,858.3 ft (6.034 miles)


GRAYSON CO.
COLLIN CO.
FANNIN CO.
COLLIN CO.
HUNT CO.
DENTON CO.
COLLIN CO.
COLLIN CO.
DALLAS CO.
ROCKWALL CO.
N
MARILEE
SEDALIA
DESERT
WESTON
ANNA
WESTMINSTER
CELINA
PIKE
BLUE RIDGE
VALDASTA
MELISSA
VERONA
ALTOGA
RHEA MILLS
PROSPER
NEW HOPE
MC KINNEY
PRINCETON
LOWRY CROSSING
FARMERSVILLE
FRISCO
CULLEOKA
FOREST GROVE
ALLEN
LUCAS
COPEVILLE
JOSEPHINE
PARKER
LAKE LAVON
NEVADA
PLANO
MURPHY
WYLIE
LAVON

LOCATION MAP
N.T.S.

INDEX OF SHEETS

SHEET 1 - MAIN LANES PLAN & PROFILE
SHEET 2 - MAIN LANES PLAN & PROFILE
SHEET 3 - MAIN LANES PLAN & CURVE DATA
SHEET 4 - PROFILES FRONTAGE ROADS, CROSS STREETS & RAMPS

LEGEND

🟥	PROPOSED MAINLANES
🟦	PROPOSED FRONTAGE ROAD
🟩	PROPOSED RAMPS
🟧	PROPOSED BRIDGES
🟨	PROPOSED SIDEWALK
▨	EXISTING ROAD TO BE REMOVED
⬜	FUTURE ROAD (BY OTHERS)
━ ━	PROPOSED RETAINING WALL
— - —	PROPOSED CENTERLINE
— - —	EXISTING CENTERLINE
— - - —	PROPOSED RIGHT-OF-WAY
—╫—	CONTROL OF ACCESS
— - - —	PERMANENT WATERLINE EASEMENT
- - - -	EXISTING 72" WATERLINE
— - - —	EXISTING RIGHT-OF-WAY
- - - -	EXISTING EASEMENT
———	PROPOSED EASEMENT
┼┼┼┼	BNSF RAILROAD
— - - —	CITY/COUNTY LINE
- - - -	PROPERTY LINE
←	LANE DIRECTIONAL INDICATOR

PREPARED BY AECOM
UNDER THE SUPERVISION OF:

RAJESH JANARTHANAN, P.E.

SERIAL NO. (TX PE NO. 99487)

DATE:

DATE SUBMITTED
JUNE 25, 2012

DATE APPROVED

DATE REVISED

NOT INTENDED FOR
CONSTRUCTION,
BIDDING, OR
PERMIT PURPOSES

ROLL 1 OF 4

Texas Department of Transportation

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