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

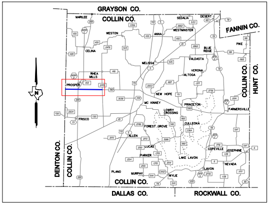
FUNCTIONAL CLASSIFICATION

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
SEDALIA
DESERT
WESTMINSTER
WESTON
ANNA
CELINA
PIKE
BLUE RIDGE
MELISSA
VALDASTA
RHEA MILLS
VERONA
ALTOGA
PROSPER
NEW HOPE
MC KINNEY
PRINCETON
LOWRY CROSSING
FARMERSVILLE
FRISCO
FOREST GROVE
CULLEOKA
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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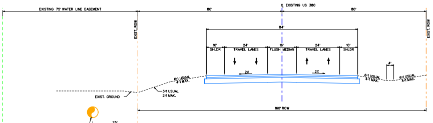
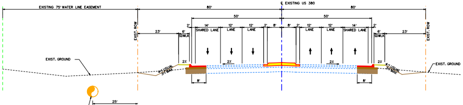
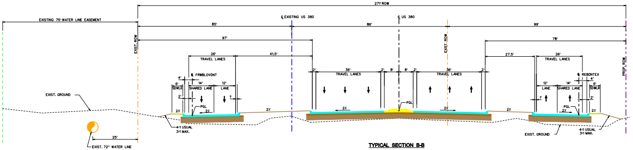
AECOM
AECOM Technical Services Inc.- 3580


EXISTING 75' WATER LINE EASEMENT
℄ EXISTING US 380
80'
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

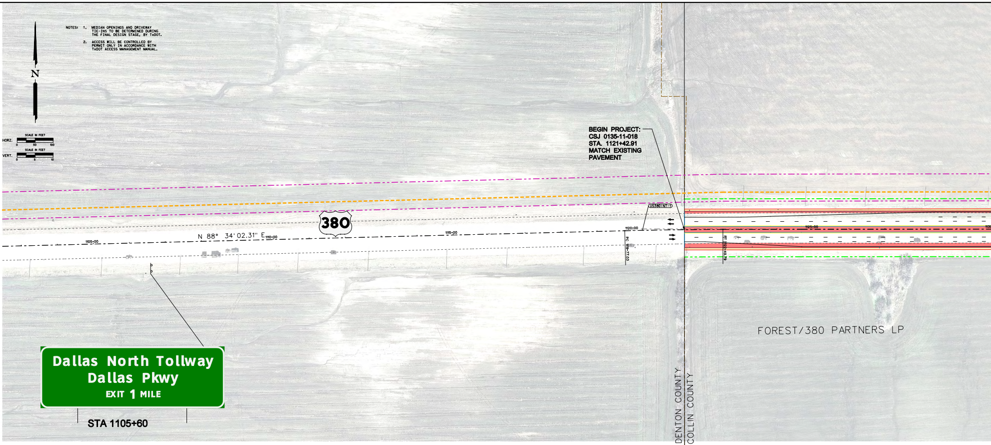
TYPICAL SECTION EXISTING US 380
N.T.S


EXISTING 75' WATER LINE EASEMENT
℄ EXISTING US 380
80'
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%
EXIST. GROUND
EXIST. GROUND
4:1 USUAL
3:1 MAX.
4:1 USUAL
3:1 MAX.
8'
8'
25'
EXIST. 72" WATER LINE

TYPICAL SECTION A-A
N.T.S

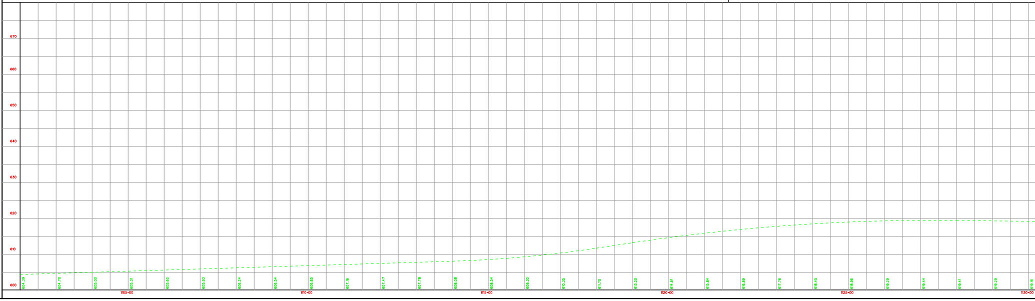

271' ROW
EXISTING 75' WATER LINE EASEMENT
℄ EXISTING US 380
℄ US 380
85'
86'
99'
97'
78'
EXIST. ROW
EXIST. ROW
PROP. ROW
26'
TRAVEL LANES
41.5'
℄ FRWBLOVDNT
4'
6'
SDWLK
14'
SHARED LANE
12'
LANE
2'
1'
PGL
2%
2%
2%
2'
36'
TRAVEL LANES
2'
8'
8'
2'
36'
TRAVEL LANES
2'
PGL
2%
2%
2%
27.5'
26'
TRAVEL LANES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

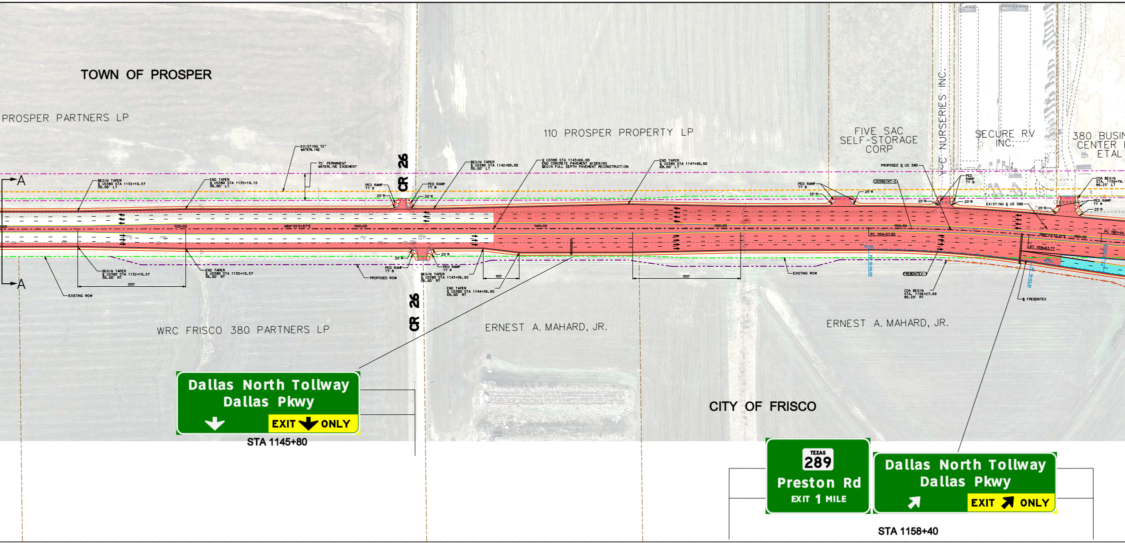
TYPICAL SECTION B-B
N.T.S

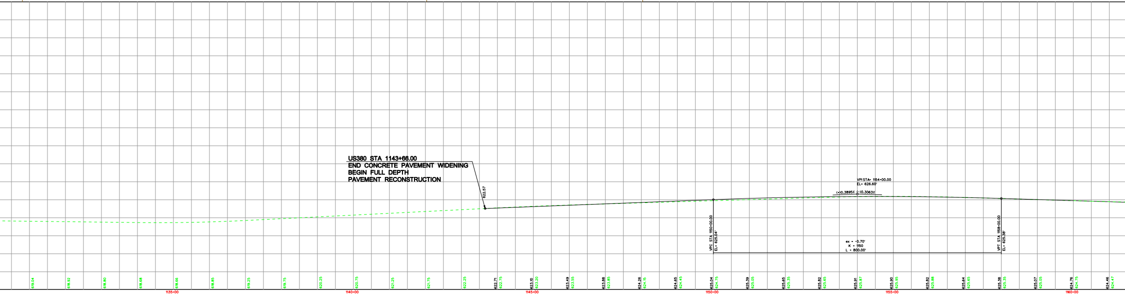

N
SCALE IN FEET
HORZ.
0
50
100
SCALE IN FEET
VERT.
0
5
10
BEGIN PROJECT:
CSJ 0135-11-018
STA. 1121+42.91
MATCH EXISTING
PAVEMENT
380
US380INT-1
N 88° 34' 02.31" E
1105+00
1110+00
1115+00
1120+00
1125+00
PC 1119+77.03
PT 1122+49.79
Dallas North Tollway
Dallas Pkwy
EXIT 1 MILE
STA 1105+60
FOREST/380 PARTNERS LP
DENTON COUNTY
COLLIN COUNTY

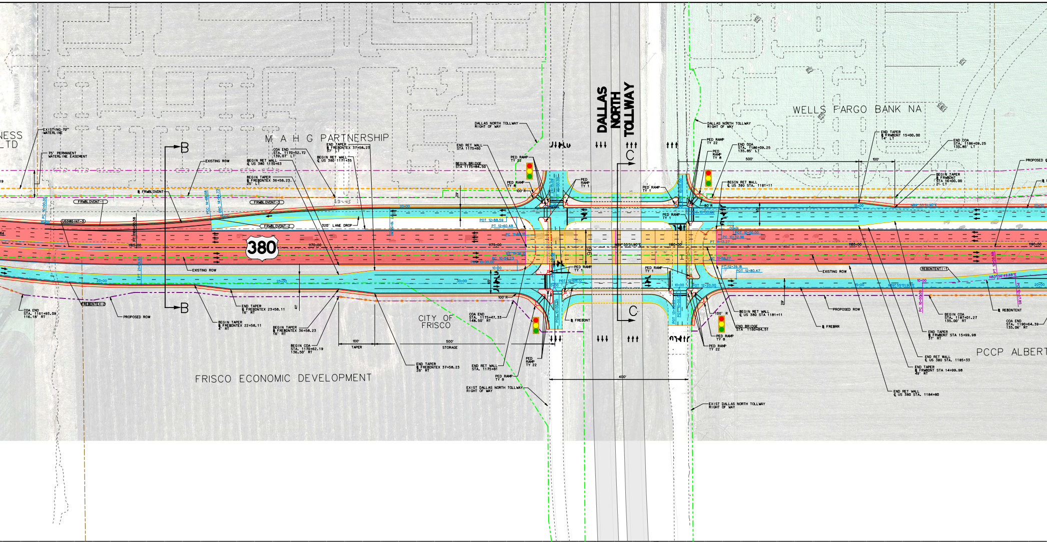
NOTES: 1. MEDIAN OPENINGS AND DRIVEWAY TIE-INS TO BE DETERMINED DURING THE FINAL DESIGN STAGE, BY TxDOT.

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

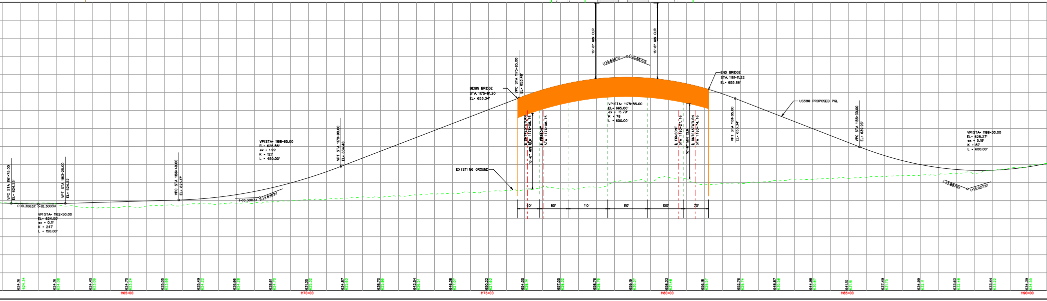



TOWN OF PROSPER
PROSPER PARTNERS LP
110 PROSPER PROPERTY LP
FIVE SAC SELF-STORAGE CORP
Y-C NURSERIES INC.
SECURE RV INC.
380 BUSIN CENTER ETAL
WRC FRISCO 380 PARTNERS LP
ERNEST A. MAHARD, JR.
ERNEST A. MAHARD, JR.
CITY OF FRISCO
CR 26
CR 26
A
A
EXISTING 72" WATERLINE
75' PERMANENT WATERLINE EASEMENT
BEGIN TAPER ℄ US380 STA 1132+10.57 50.00' LT
END TAPER ℄ US380 STA 1135+10.15 56.00' LT
BEGIN TAPER ℄ US380 STA 1132+10.57 50.00' RT
END TAPER ℄ US380 STA 1135+10.57 56.00' RT
300'
EXISTING ROW
PED RAMP TY 8
25' R
20' R
BEGIN TAPER ℄ US380 STA 1142+00.00 56.00' LT
℄ US380 STA 1143+66.00 END CONCRETE PAVEMENT WIDENING BEGIN FULL DEPTH PAVEMENT RECONSTRUCTION
PROPOSED ROW
BEGIN TAPER ℄ US380 STA 1143+36.95 56.00' RT
END TAPER ℄ US380 STA 1144+36.95 68.00' RT
100'
1135+00
N89° 55'51.87"E
1140+00
1145+00
END TAPER ℄ US380 STA 1147+40.00 68.00' LT
1150+00
300'
EXISTING ROW
US380INT-2
PC 1154+07.82
1155+00
PROPOSED ℄ US 380
EXISTING ℄ US 380
FREBONTEX-1
COA BEGIN STA. 1156+27.69 85.20' RT
S85°03'32.41"E
1160+00
PT 1158+53.77
PC 1160+54.
℄ FREBONTEX
COA BEGIN STA. 1159+79. 89.23' LT
10+00
PC 10+00.00
15+00
PT 14+53.91
Dallas North Tollway
Dallas Pkwy
EXIT ONLY
STA 1145+80
TEXAS
289
Preston Rd
EXIT 1 MILE
Dallas North Tollway
Dallas Pkwy
EXIT ONLY
STA 1158+40

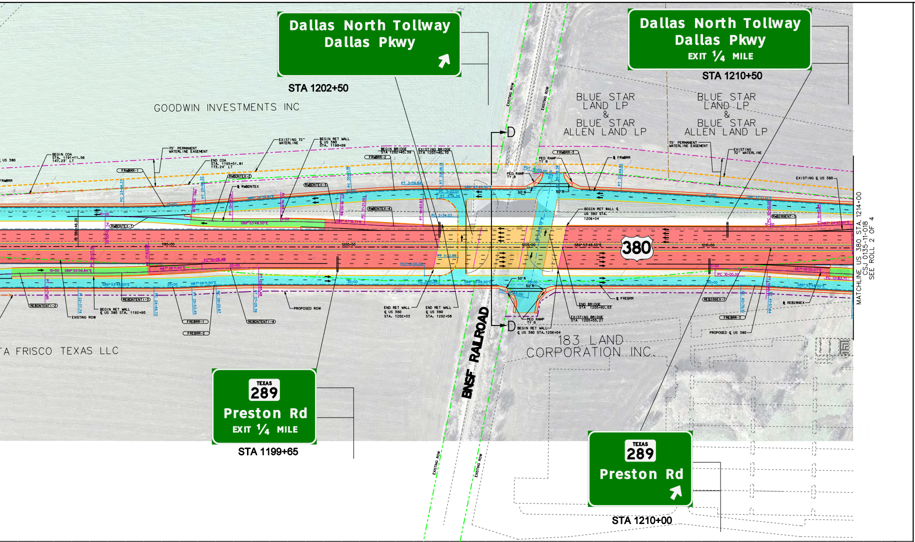

US380 STA 1143+66.00
END CONCRETE PAVEMENT WIDENING
BEGIN FULL DEPTH
PAVEMENT RECONSTRUCTION
622.57
VPI STA= 1154+00.00
EL= 626.60'
(+)0.3895% (-)0.3063%
VPC STA 1150+00.00
EL= 625.04'
VPT STA 1158+00.00
EL= 625.38'
ex = -0.70'
K = 1150
L = 800.00'
1135+00
1140+00
1145+00
1150+00
1155+00
1160+00
622.71
623.10
623.49
623.88
624.26
624.65
625.04
625.39
625.65
625.82
625.91
625.90
625.82
625.64
625.38
625.07
624.76
624.46

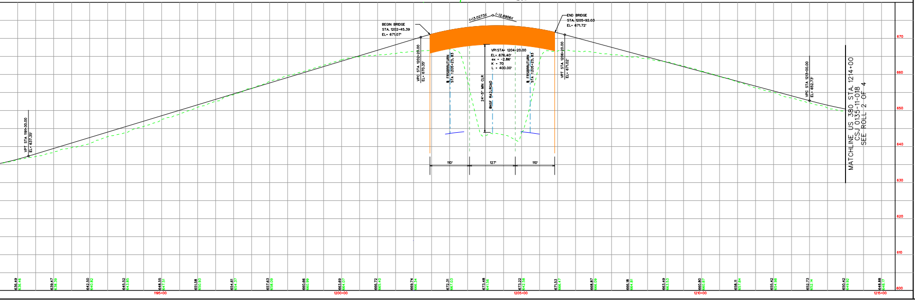


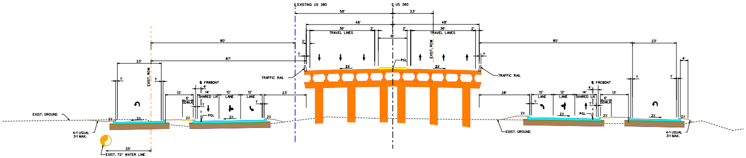
NESS
LTD
EXISTING 72" WATERLINE
75' PERMANENT WATERLINE EASEMENT
M A H G PARTNERSHIP
WELLS FARGO BANK NA
FRISCO ECONOMIC DEVELOPMENT
CITY OF FRISCO
PCCP ALBERT
DALLAS NORTH TOLLWAY
380
B
C
EXISTING ROW
PROPOSED ROW
℄ FRWBLOVDNT
FRWBLOVDNT-1
FRWBLOVDNT-2
FRWBLOVDNT-3
US380INT-3
FREBDNTEX-2
REBDNTENT1-1
320' LANE DROP
COA END STA. 1161+93.09 116.18' RT
COA END STA. 1170+52.72 139.07' LT
BEGIN RET WALL ℄ US 380 1170+63
BEGIN RET WALL ℄ US 380 1171+35
BEGIN TAPER ℄ FREBDNTEX 36+58.23 25' LT
END TAPER ℄ FREBDNTEX 37+58.23 37' LT
BEGIN TAPER ℄ FREBDNTEX 22+58.11 4' RT
END TAPER ℄ FREBDNTEX 23+58.11 16' RT
BEGIN TAPER ℄ FREBDNTEX 36+58.23 16' RT
BEGIN COA STA. 1170+62.19 136.50' RT
END TAPER ℄ FREBDNTEX 37+58.23 28' RT
100' TAPER
500' STORAGE
DALLAS NORTH TOLLWAY RIGHT OF WAY
END RET WALL STA 1175+80
BEGIN BRIDGE STA 1175+84.50
PED RAMP TY 22
PED RAMP TY 8
PED RAMP TY 1
100' R
80' R
COA END STA. 1175+47.33 148.50' RT
END RET WALL STA. 1175+81
EXIST DALLAS NORTH TOLLWAY RIGHT OF WAY
℄ FREBDNT
400'
96'
N89° 55'51.90"E
1165+00
1170+00
1175+00
1180+00
1185+00
1190+00
END COA STA. 1186+09.25 135.85' LT
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
END BRIDGE STA 1180+84.51
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
BEGIN COA STA. 1187+01.27 135.00' RT
COA END STA. 1190+64.39 135.06' RT
℄ FREBRR
℄ REBDNTENT
PROPOSED
N83°56'49.68"E
500'
100'
29'
41'
POT 12+88.59
PT 12+60.48
PC 11+82.18
PT 11+36.15
PC 10+54.23
POT 10+00.00
PC 10+32.96
PT 11+13.27
PC 11+59.27
PT 12+39.18
POT 12+80.47
POT 12+20.00



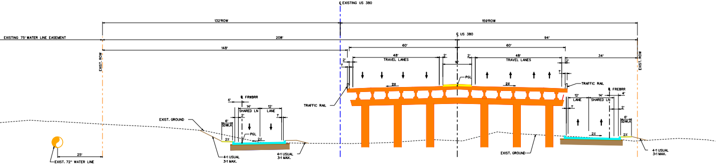
VPC STA 1161+75.00 EL= 624.23'
VPT STA 1163+25.00 EL= 624.22'
(-)0.3063%
(+)0.3003%
VPI STA= 1162+50.00
EL= 624.00'
ex = 0.11'
K = 247
L = 150.00'
VPC STA 1166+40.00 EL= 625.17'
VPI STA= 1168+65.00
EL= 625.85'
ex = 1.99'
K = 127
L = 450.00'
(+)0.3003%
(+)3.8387%
VPT STA 1170+90.00 EL= 634.48'
BEGIN BRIDGE
STA. 1175+81.20
EL= 653.34'
VPC STA 1175+85.00 EL= 653.48'
16'-6" MIN CLR
(+)3.8387%
(-)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%
EXISTING GROUND
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
1165+00
1170+00
1175+00
1180+00
1185+00
1190+00


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
EXISTING ROW
D
D
380
BNSF RAILROAD
183 LAND CORPORATION INC.
TA FRISCO TEXAS LLC
TEXAS 289
Preston Rd
EXIT 1/4 MILE
STA 1199+65
TEXAS 289
Preston Rd
STA 1210+00
EXISTING ROW
EXISTING ROW
75' PERMANENT WATERLINE EASEMENT
EXISTING 72" WATERLINE
BEGIN RET WALL ℄ US 380 STA. 1198+09
BEGIN BRIDGE STA 1202+45.39
EXISTING BRIDGE STA 1205+40.70
END RET WALL ℄ US 380 STA. 1202+33
END RET WALL ℄ US 380 STA. 1202+58
END BRIDGE STA 1205+92.03
EXISTING BRIDGE STA 1205+56.21
BEGIN RET WALL ℄ US 380 STA. 1206+04
PED RAMP TY 8
PROPOSED ROW
PROPOSED ℄ US 380
EXISTING ℄ US 380
1195+00
1200+00
1205+00
1210+00
MATCHLINE US 380 STA. 1214+00 CSJ 0135-11-018 SEE ROLL 2 OF 4

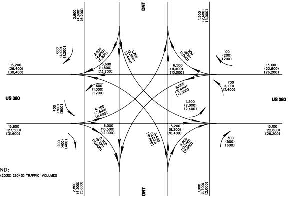

BEGIN BRIDGE STA. 1202+45.39 EL= 671.07'
END BRIDGE STA. 1205+92.03 EL= 671.72'
i=+3.0273%
i=-2.6906%
VPI STA= 1204+20.00 EL= 676.40' e= -2.86' K = 70 L = 400.00'
VPC STA 1202+20.00 EL= 670.35'
VPT STA 1206+20.00 EL= 671.02'
VPT STA 1191+30.00 EL= 637.35'
VPC STA 1213+00.00 EL= 652.73'
℄ FRSBRR/TURN STA 1205+23.83
℄ FRSBRR/TURN STA 1205+23.83
BNSF RAILROAD
24'-5" MIN CLR
110'
127'
110'
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'
16'
80'
85'
87'
23'
23'
EXIST. ROW
EXIST. ROW
TRAFFIC RAIL
TRAFFIC RAIL
PGL
2%
℄ FRWBONT
℄ FREBONT
4'
6' SDWLK
14' SHARED LN
12' LANE
12' LANE
13'
28'
EXIST. GROUND
EXIST. GROUND
4:1 USUAL 3:1 MAX.
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
2'
16'
34'
EXIST. ROW
EXIST. ROW
TRAFFIC RAIL
TRAFFIC RAIL
PGL
2%
℄ FRWBRR
℄ FREBRR
4'
14' SHARED LN
12' LANE
12' LANE
14' SHARED LN
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]
600 (1,100) [1,200]
2,600 (4,600) [5,200]
1,700 (2,900) [3,400]
15,200 (26,400) [30,400]
6,600 (11,500) [13,200]
600 (1,000) [1,200]
400 (700) [800]
4,300 (7,500) [8,600]
15,800 (27,500) [31,600]
6,000 (10,500) [12,000]
200 (400) [400]
5,300 (9,100) [10,600]
5,400 (9,200) [10,800]
2,800 (4,900) [5,600]
1,500 (2,600) [3,000]
500 (800) [1,000]
100 (200) [200]
6,500 (11,400) [13,000]
13,100 (22,800) [26,200]
6,000 (10,400) [12,000]
700 (1,100) [1,400]
1,200 (2,000) [2,400]
5,200 (9,200) [10,400]
13,100 (22,800) [26,200]
5,900 (10,200) [11,800]
300 (500) [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

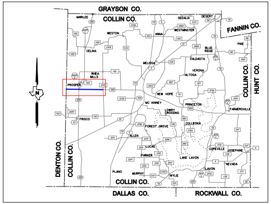
FUNCTIONAL CLASSIFICATION

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
MELISSA
VALDASTA
RHEA MILLS
PROSPER
VERONA
ALTOGA
NEW HOPE
MC KINNEY
PRINCETON
LOWRY CROSSING
FARMERSVILLE
FRISCO
CULLEOKA
FOREST GROVE
ALLEN
LUCAS
PARKER
COPEVILLE
JOSEPHINE
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
— — —	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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