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

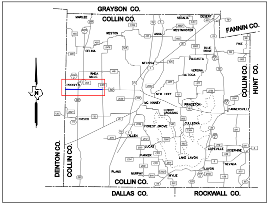
FUNCTIONAL CLASSIFICATION

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.
COLLIN CO.
HUNT CO.
DENTON CO.
COLLIN CO.
COLLIN CO.
DALLAS CO.
ROCKWALL CO.
MARILEE
WESTON
SEDALIA
DESERT
WESTMINSTER
ANNA
CELINA
BLUE RIDGE
PIKE
MELISSA
VALDASTA
VERONA
ALTOGA
RHEA MILLS
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
N

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 2 OF 4

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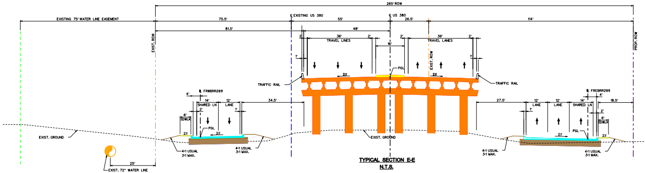
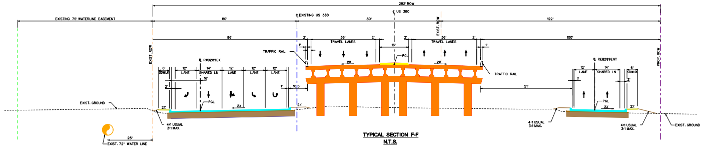
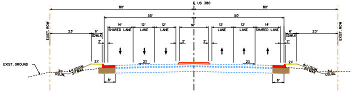
AECOM Technical Services Inc.- 3580


265' ROW
EXISTING 75' WATER LINE EASEMENT
℄ EXISTING US 380
℄ US 380
75.5'
55'
26.5'
114'
81.5'
48'
2'
36'
TRAVEL LINES
2'
16'
2'
36'
TRAVEL LANES
2'
1'
1'
EXIST. ROW
EXIST. ROW
PROP. ROW
PGL
2X
2X
TRAFFIC RAIL
TRAFFIC RAIL
℄ FRWBRR289
4'
14'
SHARED LN
12'
LANE
34.5'
2'
1'
6'
SDWLK
PGL
2X
2X
EXIST. GROUND
EXIST. GROUND
4:1 USUAL
3:1 MAX.
4:1 USUAL
3:1 MAX.
25'
EXIST. 72" WATER LINE
℄ FREBRR289
4'
27.5'
12'
LANE
12'
LANE
14'
SHARED LN
18.5'
1'
2'
6'
SDWLK
PGL
2X
2X
4:1 USUAL
3:1 MAX.
4:1 USUAL
3:1 MAX.

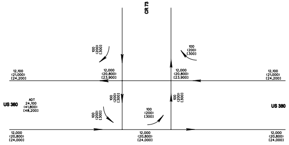
TYPICAL SECTION E-E
N.T.S.


282' ROW
EXISTING 75' WATERLINE EASEMENT
℄ EXISTING US 380
℄ US 380
80'
80'
122'
86'
2'
36'
TRAVEL LANES
2'
16'
2'
36'
TRAVEL LANES
2'
100'
1'
1'
EXIST. ROW
EXIST. ROW
PROP. ROW
TRAFFIC RAIL
TRAFFIC RAIL
PGL
2X
2X
℄ RMB289EX
6'
SDWLK
12'
LANE
14'
SHARED LN
12'
LANE
12'
LANE
12'
LANE
16'
2'
1'
10.5'
PGL
2X
2X
2X
EXIST. GROUND
4:1 USUAL
3:1 MAX.
25'
EXIST. 72" WATER LINE
℄ REB289ENT
12'
LANE
14'
SHARED LN
6'
SDWLK
1'
2'
51'
PGL
2X
2X
4:1 USUAL
3:1 MAX.
4:1 USUAL
3:1 MAX.
EXIST. GROUND

TYPICAL SECTION F-F
N.T.S.


℄ US 380
80'
80'
50'
50'
EXIST. ROW
EXIST. ROW
23'
6'
SDWLK
14'
SHARED LANE
12'
LANE
12'
LANE
16'
12'
LANE
12'
LANE
14'
SHARED LANE
6'
SDWLK
23'
2'
2'
2'
2'
2X
2X
2X
2X
EXIST. GROUND
3:1
USUAL
4:1 USUAL
3:1 MAX
4:1 USUAL
3:1 MAX
3:1
USUAL
8'
8'

TYPICAL SECTION G-G
N.T.S.


CR 73
US 380
US 380
ADT
24,100
(41,800)
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(21,000)
[24,200]
12,000
(20,800)
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(20,800)
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12,100
(21,000)
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100
(200)
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(200)
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[300]
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(200)
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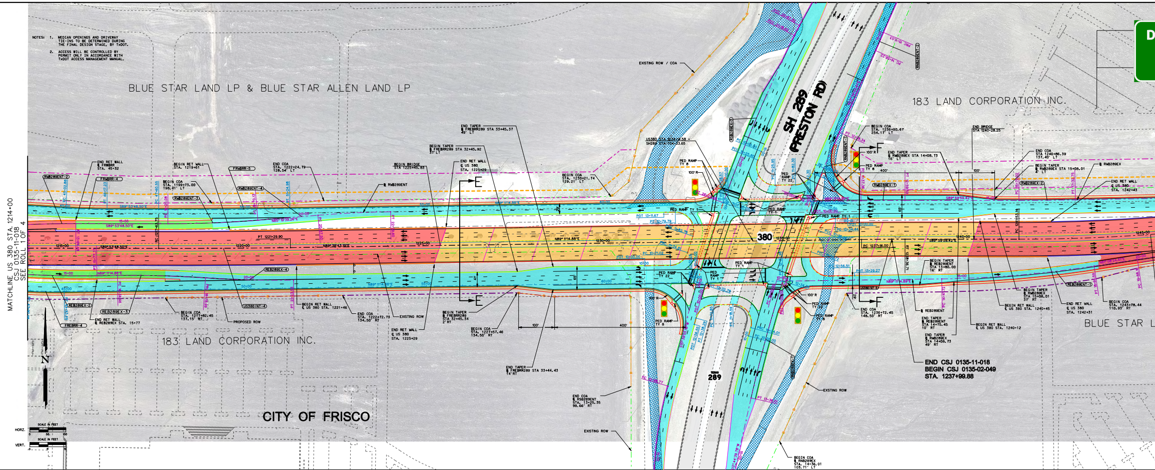
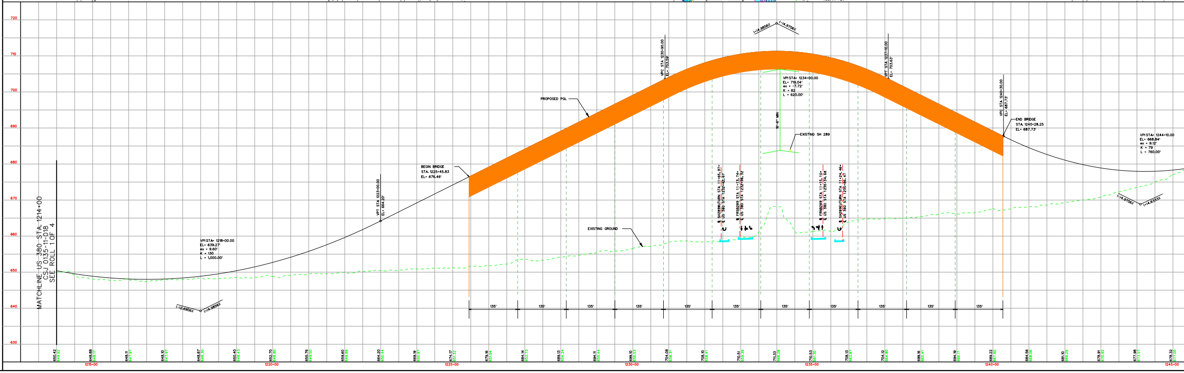
12,000
(20,800)
[24,000]
12,000
(20,800)
[24,000]
12,000
(20,800)
[24,000]

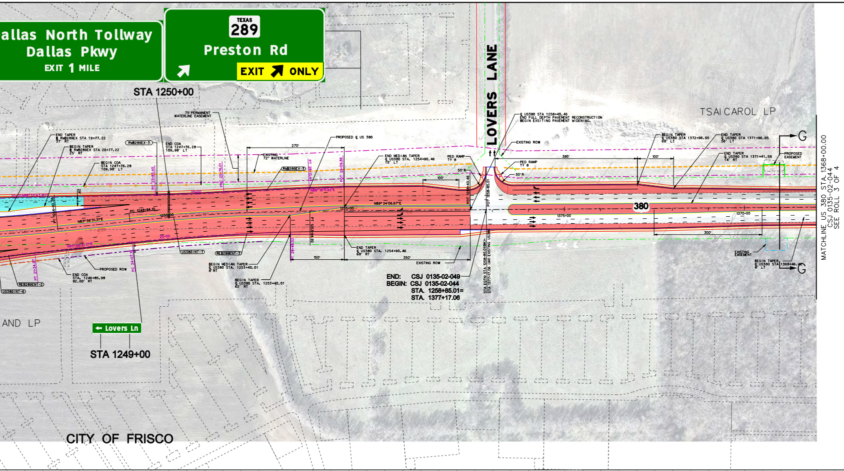
LEGEND:
2010 (2030) [2040] TRAFFIC VOLUMES

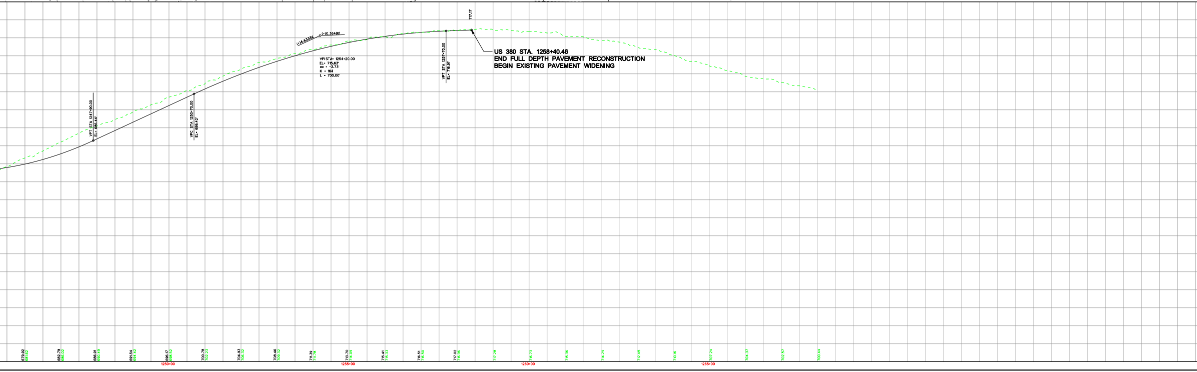
NOTES: 1. MEDIAN OPENINGS AND DRIVEWAY TIE-INS TO BE DETERMINED DURING THE FINAL DESIGN STAGE, BY TxDOT.

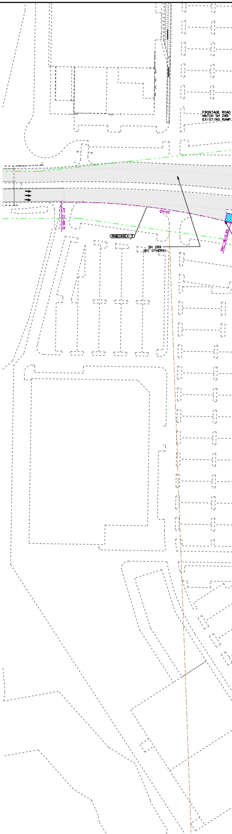
2. ACCESS WILL BE CONTROLLED BY PERMIT ONLY IN ACCORDANCE WITH TxDOT ACCESS MANAGEMENT MANUAL.

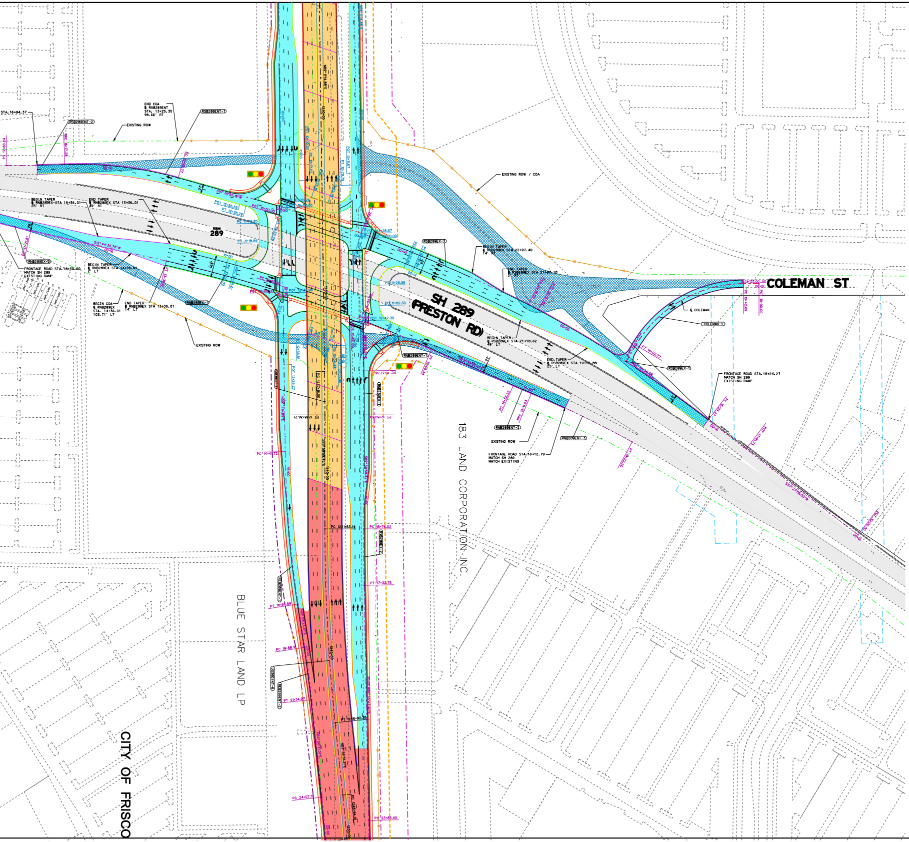

MATCHLINE US 380 STA. 1214+00
CSJ 0135-11-018
SEE ROLL 1 OF 4
BLUE STAR LAND LP & BLUE STAR ALLEN LAND LP
183 LAND CORPORATION INC.
SH 289
(PRESTON RD)
380
289
CITY OF FRISCO
BLUE STAR L
EXISTING ROW / COA
PROPOSED ROW
EXISTING ROW
END RET WALL ℄ FRWBRR STA. 45+32
BEGIN RET WALL STA. 1219+61
BEGIN COA STA. 1199+73.00 198.41' LT
END COA STA. 1222+24.79 128.54' LT
BEGIN BRIDGE STA 1225+45.83
END RET WALL ℄ US 380 STA. 1225+29
BEGIN TAPER ℄ FRWBRR289 STA 32+45.92 37' LT
END TAPER ℄ FRWBRR289 STA 33+45.37 49' LT
BEGIN COA STA. 1230+21.74 129.21' LT
US380 STA 1234+14.58 = SH289 STA 204+33.65
BEGIN COA STA. 1236+90.67 254.17' LT
END TAPER ℄ RWB289EX STA 14+08.73 16' LT
END BRIDGE STA 1240+28.25
END COA STA 1240+86.39 137.40' LT
BEGIN TAPER ℄ RWB289EX STA 15+08.01 4' LT
END RET WALL ℄ US 380 STA. 1242+43
END CSJ 0135-11-018
BEGIN CSJ 0135-02-049
STA. 1237+99.88
END COA STA. 1236+72.45 148.50' RT
BEGIN TAPER ℄ REB289ENT STA 13+80.00 16' RT
END TAPER ℄ REB289ENT STA 14+75.45 10' RT
END TAPER ℄ RWB289EX STA 14+08.73 49' RT
BEGIN RET WALL ℄ US 380 STA. 1240+12
BEGIN TAPER ℄ RWB289EX STA 15+08.01 37' RT
BEGIN RET WALL ℄ US 380 STA. 1240+45
END RET WALL ℄ US 380 STA. 1242+31
BEGIN COA STA. 1243+78.44 110.93' RT
BEGIN COA STA. 1217+82.45 137.15' RT
END RET WALL ℄ REB289EX STA. 15+77
BEGIN RET WALL ℄ US 380 STA. 1221+46
END COA STA. 1222+72.73 134.50' RT
END RET WALL ℄ US 380 STA. 1225+29
BEGIN COA STA. 1227+57.46 134.50' RT
END TAPER ℄ FREBRR289 STA 33+44.43 14' RT
BEGIN TAPER ℄ FREBRR289 STA 32+45.34 2' RT
END COA ℄ RSB289ENT STA. 13+25.35 98.66' RT
BEGIN COA ℄ RNB289EX STA. 14+56.01 103.71' LT
PED RAMP TY 1
PED RAMP TY 8
PED RAMP TY 22
100' R
400'
100'
65'
SCALE IN FEET
HORZ.
VERT.
N

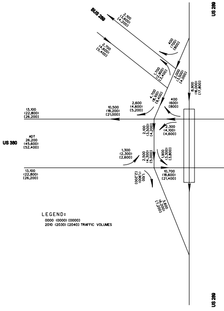

MATCHLINE US 380 STA. 1214+00
CSJ 0135-11-018
SEE ROLL 1 OF 4
VPI STA= 1218+00.00
EL= 639.27'
ex = 9.60'
K = 130
L = 1,000.00'
(-)2.6906%
(+)4.9856%
VPT STA 1223+00.00 EL= 664.20'
BEGIN BRIDGE STA. 1225+45.83 EL= 676.46'
PROPOSED PGL
VPC STA 1230+90.00 EL= 703.59'
(+)4.9856%
(-)4.9706%
VPI STA= 1234+00.00
EL= 719.04'
ex = -7.72'
K = 62
L = 620.00'
16'-6" MIN
EXISTING SH 289
EXISTING GROUND
℄ SH289WUTURN STA 11+65.97= ℄ US 380 STA 1232+42.67
℄ FRSB289 STA 11+13.74= ℄ US 380 STA 1232+96.32
℄ FRNB289 STA 11+15.10= ℄ US 380 STA 1235+34.68
℄ SH289EUTURN STA 11+24.46= ℄ US 380 STA 1235+86.47
VPT STA 1237+10.00 EL= 703.63'
VPC STA 1240+30.00 EL= 687.73'
END BRIDGE STA. 1240+28.25 EL= 687.73'
VPI STA= 1244+10.00
EL= 668.84'
ex = 9.12'
K = 79
L = 760.00'
(-)4.9706%
(+)4.6333%
135'
630
640
650
660
670
680
690
700
710
720
1215+00
1220+00
1225+00
1230+00
1235+00
1240+00
1245+00


allas North Tollway
Dallas Pkwy
EXIT 1 MILE
TEXAS 289
Preston Rd
EXIT ONLY
STA 1250+00
75' PERMANENT WATERLINE EASEMENT
END TAPER ℄ RWB289EX STA 19+77.22 37' RT
BEGIN TAPER ℄ RWB289EX STA 20+77.22 25' RT
RWB289EX-3
END COA STA 1247+76.28 109.98' LT
BEGIN COA STA 1247+76.28 109.98' LT
PC 23+85.45
PRC 25+76.01
EXISTING 72" WATERLINE
270'
PT 28+13.44
POT 29+09.86
PROPOSED ℄ US 380
N88° 18'11.92"E
N83° 56'31.31"E
PC 1248+94.10
PT 1246+92.98
1250+00
25+00
28'
1255+00
PT 1253+94.92
PT 28+46.02
PT 21+34.97
PC 24+07.18
150'
US380INT-7
REB289ENT-3
REB289ENT-2
US380INT-6
END COA STA. 1246+85.98 82.00' RT
PROPOSED ROW
BEGIN MEDIAN TAPER ℄ US380 STA. 1253+40.01 8' RT
BEGIN TAPER ℄ US380 STA. 1253+40.01 62' RT
END MEDIAN TAPER ℄ US380 STA. 1254+90.46 10' LT
N89° 34'06.67"E
100'
PED RAMP TY 8
50' R
POT 1258+40.46
POT 1258+85.01
END TAPER ℄ US380 STA. 1254+90.46 68' RT
350'
EXISTING ROW
END: CSJ 0135-02-049
BEGIN: CSJ 0135-02-044
STA. 1258+85.01=
STA. 1377+17.06
STA EQTN: STA 1258+85.01(BK)= STA 1377+17.06 (AH) EXISTING US380
LOVERS LANE
℄ US380 STA 1258+40.46 END FULL DEPTH PAVEMENT RECONSTRUCTION BEGIN EXSITING PAVEMENT WIDENING.
EXISTING ROW
PED RAMP TY 8
50' R
395'
100'
380
1375+00
1370+00
300'
TSAI CAROL LP
BEGIN TAPER ℄ US380 STA 1372+96.05 68' LT
END TAPER ℄ US380 STA 1371+96.05 56' LT
END TAPER ℄ US380 STA 1371+41.58 14' RT
PROPOSED EASEMENT
EXISTING EASEMENT
BEGIN TAPER ℄ US380 STA 1368+46.44 8' LT
G
G
MATCHLINE US 380 STA. 1368+00.00
CSJ 0135-02-044
SEE ROLL 3 OF 4
AND LP
← Lovers Ln
STA 1249+00
CITY OF FRISCO




FRONTAGE ROAD
MATCH SH 289
EXISTING RAMP
PT 22+88.15
20+00
RNB289EX-3
SH 289
(BY OTHERS)
PRC 18+12.65


STA.16+94.37
RSB289ENT-2
EXISTING ROW
END COA
℄ RSB289ENT
STA. 13+25.35
98.66' RT
RSB289ENT-1
PT 17+80.24
PRC 16+17.28
BEGIN TAPER
℄ RNB289EX-STA 15+36.01
25' RT
END TAPER
℄ RNB289EX STA 13+36.01
49' RT
S15° 39'55.18"W
POT 12+56.55
PT 12+38.29
POT 10+00.00
PC 11+72.85
PT 11+18.59
289
S12° 44'39.78"W
PC 17+21.81
RNB289EX-2
FRONTAGE ROAD STA.18+30.00
MATCH SH 289
EXISTING RAMP
BEGIN TAPER
℄ RNB289EX STA 14+36.01
2' LT
BEGIN COA
℄ RNB289EX
STA. 14+36.01
103.71' LT
END TAPER
℄ RNB289EX STA 13+36.01
14' LT
RNB289EX-1
EXISTING ROW
POT 12+42.30
POT 13+28.27
EXISTING ROW / COA
RSB289EX-3
BEGIN TAPER
℄ RSB289EX STA 22+97.40
14' RT
END TAPER
℄ RSB289EX STA 21+97.10
2' RT
POT 63+28.57
POT 10+00.00
PT 11+25.95
PC 11+82.30
SH 289
(PRESTON RD)
COLEMAN ST
℄ COLEMAN
COLEMAN-1
PC 10+42.69
POT 10+00.00
PT 14+02.77
RSB289EX-1
BEGIN TAPER
℄ RSB289EX STA 21+18.62
49' LT
END TAPER
℄ RSB289EX STA 19+18.88
25' LT
FRONTAGE ROAD STA.15+24.27
MATCH SH 289
EXISTING RAMP
PC 15+24.27
POT 13+91.73
RNB289ENT-1
PC 11+37.36
PT 12+08.34
PT 12+59.59
PC 14+56.22
PRC 15+11.03
RNB289ENT-2
EXISTING ROW
RNB289ENT-3
FRONTAGE ROAD STA.16+12.79
MATCH SH 289
MATCH EXISTING
PT 18+22.20
S37°27'44.50"W
183 LAND CORPORATION, INC
BLUE STAR LAND LP
CITY OF FRISCO
PC 14+41.72
PT 1266+36.71
PC 1261+53.14
PC 15+76.02
PT 17+32.75
PT 18+66.59
PC 19+88.16
PT 21+34.97
PT 1266+92.15
PC 24+07.19
PC 23+85.45
N
SCALE IN FEET
100 50 0 100


BUS 289
US 289
US 380
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(3,600)
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US 289

LEGEND:
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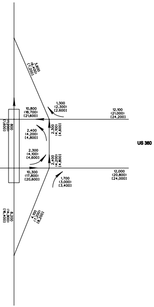
2010 (2030) [2040] TRAFFIC VOLUMES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12,100
(21,000)
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800
(1,200)
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2,400
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2,300
(4,100)
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(4,100)
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US 380
10,300
(17,800)
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12,000
(20,800)
[24,000]
1,700
(3,000)
[3,400]
8,200
(14,900)
[16,400]
4,100
(7,200)
[8,200]

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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

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MEMORANDUM, JUNE 16, 2008

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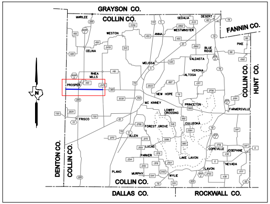
1"=10' VERTICAL

PROJECT LENGTH = 31,858.3 ft (6.034 miles)


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

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 2 OF 4

Texas
Department
of Transportation

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