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TEXAS DEPT. OF TRANSPORTATION

WILLIAM HALE, P.E. - DISTRICT ENGINEER

DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL

US 380

PROPOSED HIGHWAY IMPROVEMENT OF 6 LANE DIVIDED HIGHWAY
FROM N. CUSTER RD. (FM 2478)
TO BOIS D'ARC RD.

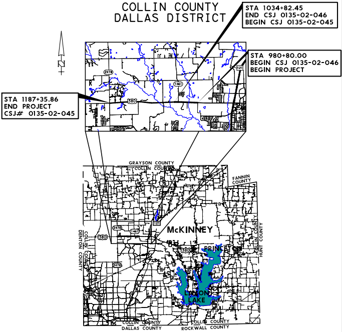
CSJ #: 0135-02-045 AND 0135-02-046

DESIGN SPEED
U.S. 380 MAIN LANES - 45 MPH
LENGTH - 3.884 MILES (20,507.08 FT)

LIMITS OF ROADWAY WIDENING OF US 380 FROM 4-LANES TO 6-LANES:

FROM CUSTER RD. (FM 2478)
TO BOIS D'ARC RD. IN MCKINNEY, TX.

COLLIN COUNTY
DALLAS DISTRICT


STA 1034+82.45
END CSJ 0135-02-046
BEGIN CSJ 0135-02-045
STA 980+80.00
BEGIN CSJ 0135-02-046
BEGIN PROJECT
STA 1187+35.86
END PROJECT
CSJ# 0135-02-045
N
2478
1461
380
121
GRAYSON COUNTY
COLLIN COUNTY
FANNIN COUNTY
COLLIN COUNTY
DENTON COUNTY
COLLIN COUNTY
HUNT COUNTY
McKINNEY
PRINCETON
LAVON LAKE
COLLIN COUNTY
DALLAS COUNTY
COLLIN COUNTY
ROCKWALL COUNTY

TEAGUE NALL AND PERKINS, INC.
1100 MACON STREET FORT WORTH, TEXAS 76102
PHONE:(817)336-5773 FAX: (817)336-2613
www.tnp-online.com

PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230; FOR INTERIM REVIEW ONLY;
NOT FOR CONSTRUCTION, BIDDING, OR PERMITTING.

NAME	P.E. NUMBER	NAME	P.E. NUMBER
TY HILTON, P.E.	80209	DANIEL P. MCCULLOUGH, P.E.	98291

DATE

DATE APPROVED

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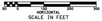
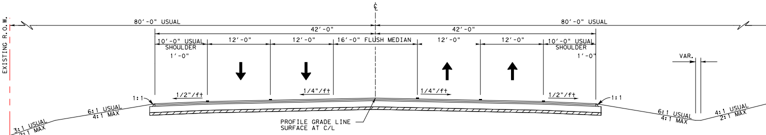
ROLL 2 of 2

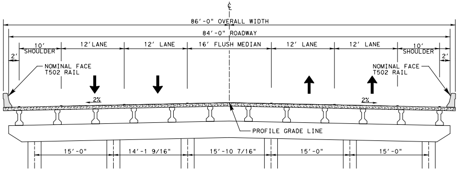
AUGUST 2010


50
0
100
200
300
HORIZONTAL
SCALE IN FEET


℄
EXISTING R.O.W.
80'-0" USUAL
80'-0" USUAL
42'-0"
42'-0"
10'-0" USUAL SHOULDER
12'-0"
12'-0"
16'-0" FLUSH MEDIAN
12'-0"
12'-0"
10'-0" USUAL SHOULDER
1'-0"
1'-0"
VAR.
1:1
1:1
1/2"/ft
1/4"/ft
1/4"/ft
1/2"/ft
6:1 USUAL
4:1 MAX
3:1 USUAL
2:1 MAX
6:1 USUAL
4:1 MAX
4:1 USUAL
2:1 MAX
PROFILE GRADE LINE
SURFACE AT C/L

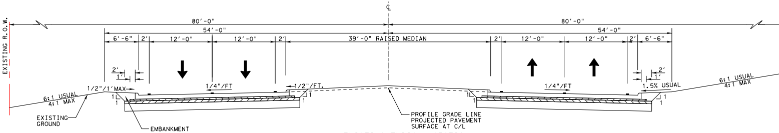
EXISTING TYPICAL SECTION
US 380

N. CUSTER RD. TO CO. RD. 856
STA 1187+35.86 TO STA 1072+40.00
STA 1070+30.00 TO STA 1034+82.45


℄
86'-0" OVERALL WIDTH
84'-0" ROADWAY
10' SHOULDER
12' LANE
12' LANE
16' FLUSH MEDIAN
12' LANE
12' LANE
10' SHOULDER
2'
2'
NOMINAL FACE
T502 RAIL
NOMINAL FACE
T502 RAIL
2%
2%
PROFILE GRADE LINE
15'-0"
14'-1 9/16"
15'-10 7/16"
15'-0"
15'-0"

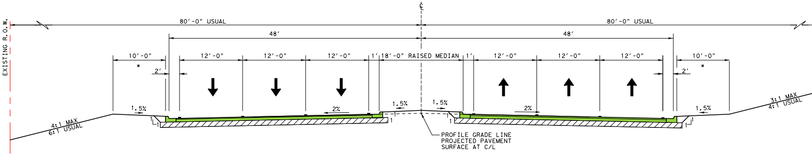
EXISTING TYPICAL SECTION
WILSON CREEK BRIDGE

WILSON CREEK AND US 380
STA 1072+40.00 TO STA 1070+30.00


℄
EXISTING R.O.W.
80'-0"
80'-0"
54'-0"
54'-0"
6'-6"
2'
12'-0"
12'-0"
2'
39'-0" RAISED MEDIAN
2'
12'-0"
12'-0"
2'
6'-6"
2'
1'
2'
1'
1/2"/1' MAX
1/4"/FT
1/2"/FT.
1/4"/FT
1.5% USUAL
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
EXISTING GROUND
EMBANKMENT
PROFILE GRADE LINE
PROJECTED PAVEMENT
SURFACE AT C/L

EXISTING TYPICAL SECTION
US 380

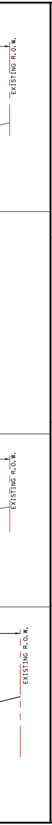
FM 1461 TO BOIS D'ARC RD.
STA 1034+82.45 TO STA 980+80.00


℄
EXISTING R.O.W.
80'-0" USUAL
80'-0" USUAL
48'
48'
10'-0"
12'-0"
12'-0"
12'-0"
1'
18'-0" RAISED MEDIAN
1'
12'-0"
12'-0"
12'-0"
10'-0"
*
2'
2'
*
1.5%
2%
1.5%
1.5%
2%
1.5%
4:1 MAX
6:1 USUAL
3:1 MAX
4:1 USUAL
PROFILE GRADE LINE
PROJECTED PAVEMENT
SURFACE AT C/L

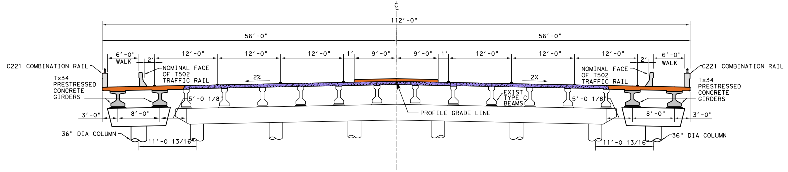
PROPOSED TYPICAL SECTION
US 380

CUSTER RD. TO FM 1461
STA 1187+35.86 TO STA 1072+40.00
STA 1070+30.00 TO STA 1034+82.45

NOTE: * FUTURE 5' SIDEWALK TO BE CONSTRUCTED BY OTHERS



EXISTING R.O.W.
EXISTING R.O.W.
EXISTING R.O.W.

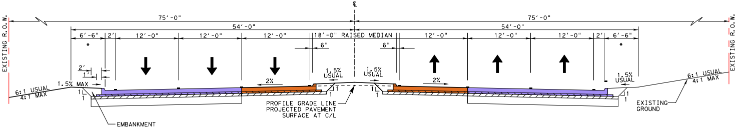


℄
112'-0"
56'-0"
56'-0"
6'-0"
WALK
2'
12'-0"
12'-0"
12'-0"
1'
9'-0"
9'-0"
1'
12'-0"
12'-0"
12'-0"
2'
6'-0"
WALK
C221 COMBINATION RAIL
NOMINAL FACE OF T502 TRAFFIC RAIL
2%
2%
NOMINAL FACE OF T502 TRAFFIC RAIL
C221 COMBINATION RAIL
Tx34 PRESTRESSED CONCRETE GIRDERS
5'-0 1/8"
EXIST TYPE C BEAMS
5'-0 1/8"
Tx34 PRESTRESSED CONCRETE GIRDERS
3'-0"
8'-0"
PROFILE GRADE LINE
8'-0"
3'-0"
36" DIA COLUMN
11'-0 13/16"
11'-0 13/16"
36" DIA COLUMN

PROPOSED TYPICAL SECTION

WILSON CREEK BRIDGE

WILSON CREEK AND US 380
STA 1072+40.00 TO STA 1070+30.00



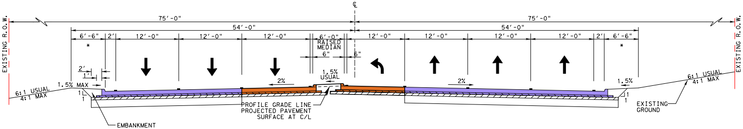
℄
EXISTING R.O.W.
75'-0"
75'-0"
EXISTING R.O.W.
54'-0"
54'-0"
6'-6"
2'
12'-0"
12'-0"
12'-0"
18'-0" RAISED MEDIAN
12'-0"
12'-0"
12'-0"
2'
6'-6"
*
*
6"
6"
2'
1'
1.5% USUAL
1.5% USUAL
1.5% USUAL
1.5% MAX
2%
2%
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
1
1
1
1
1
1
PROFILE GRADE LINE PROJECTED PAVEMENT SURFACE AT C/L
EMBANKMENT
EXISTING GROUND

PROPOSED TYPICAL SECTION

US 380

NOTE: * FUTURE 5' SIDEWALK TO BE CONSTRUCTED BY OTHERS

FM 1461 TO BOIS D'ARC RD.
STA 1034+82.45 TO STA 980+80.00



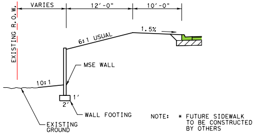
℄
EXISTING R.O.W.
75'-0"
75'-0"
EXISTING R.O.W.
54'-0"
54'-0"
6'-6"
2'
12'-0"
12'-0"
12'-0"
6'-0" RAISED MEDIAN
12'-0"
12'-0"
12'-0"
12'-0"
2'
6'-6"
*
*
6"
6"
2'
1'
1.5% USUAL
1.5% MAX
1.5%
2%
2%
6:1 USUAL
4:1 MAX
6:1 USUAL
4:1 MAX
1
1
1
1
PROFILE GRADE LINE PROJECTED PAVEMENT SURFACE AT C/L
EMBANKMENT
EXISTING GROUND

PROPOSED TYPICAL SECTION

US 380 - LEFT TURN LANES

NOTE: * FUTURE 5' SIDEWALK TO BE CONSTRUCTED BY OTHERS

FM 1461 TO BOIS D'ARC RD.
STA 1034+82.45 TO STA 980+80.00



EXISTING R.O.W.
VARIES
12'-0"
10'-0"
1.5%
6:1 USUAL
MSE WALL
10:1
1'
2'
WALL FOOTING
EXISTING GROUND

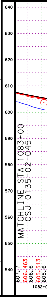
NOTE: * FUTURE SIDEWALK
TO BE CONSTRUCTED
BY OTHERS

TYPICAL RETAINING WALL SECTION

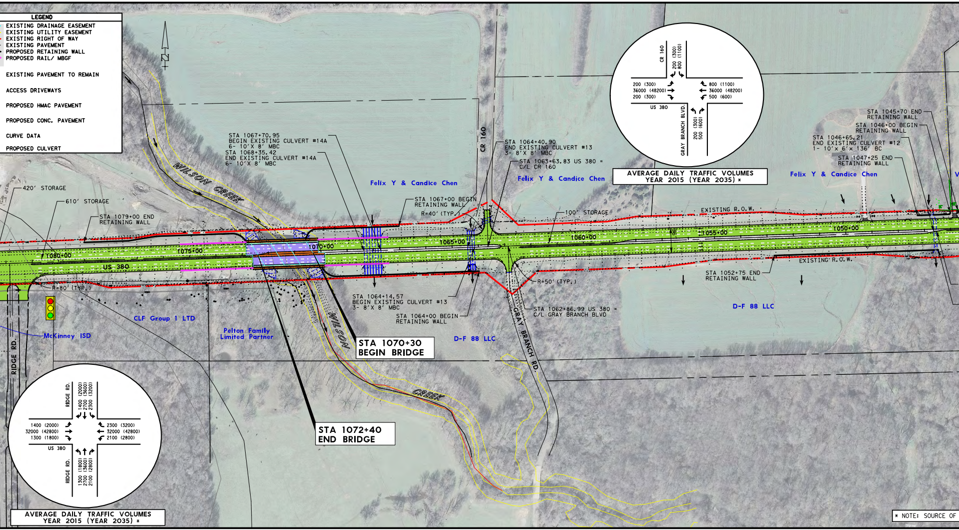
US 380

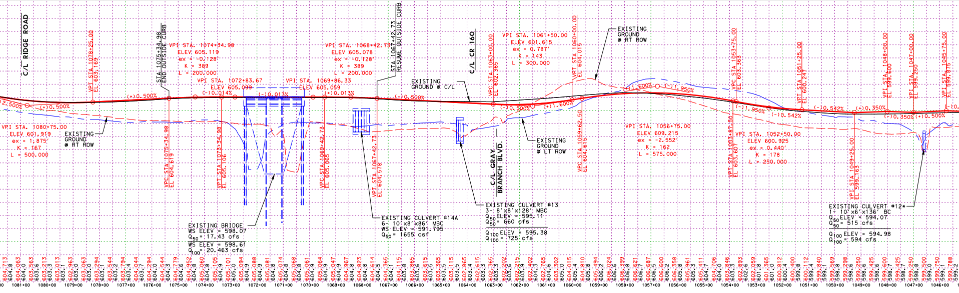
(SEE PLAN)

🟪
⬛
🟩
🟧
MATCHLINE STA 1083+00; CSJ 0135-02-045



TYPICAL SECTIONS


LEGEND
EXISTING DRAINAGE EASEMENT
EXISTING UTILITY EASEMENT
EXISTING RIGHT OF WAY
EXISTING PAVEMENT
PROPOSED RETAINING WALL
PROPOSED RAIL/ MBGF
EXISTING PAVEMENT TO REMAIN
ACCESS DRIVEWAYS
PROPOSED HMAC PAVEMENT
PROPOSED CONC. PAVEMENT
CURVE DATA
PROPOSED CULVERT
N
420' STORAGE
610' STORAGE
STA 1079+00 END RETAINING WALL
WILSON CREEK
STA 1067+70.95 BEGIN EXISTING CULVERT #14A 6- 10'X 8' MBC
STA 1068+35.42 END EXISTING CULVERT #14A 6- 10'X 8' MBC
Felix Y & Candice Chen
STA 1067+00 BEGIN RETAINING WALL
R=40' (TYP.)
CR 160
STA 1064+40.90 END EXISTING CULVERT #13 3- 8'X 8' MBC
STA 1063+63.83 US 380 = C/L CR 160
Felix Y & Candice Chen
100' STORAGE
EXISTING R.O.W.
1080+00
1075+00
1070+00
1065+00
1060+00
1055+00
1050+00
US 380
R=80' (TYP.)
EXISTING R.O.W.
STA 1052+75 END RETAINING WALL
R=50' (TYP.)
STA 1064+14.57 BEGIN EXISTING CULVERT #13 3- 8'X 8' MBC
STA 1064+00 BEGIN RETAINING WALL
STA 1062+86.99 US 380 = C/L GRAY BRANCH BLVD
CLF Group 1 LTD
McKinney ISD
Pelton Family Limited Partner
STA 1070+30 BEGIN BRIDGE
WILSON
D-F 88 LLC
GRAY BRANCH RD.
D-F 88 LLC
CREEK
STA 1072+40 END BRIDGE
RIDGE RD.
CR 160
200 (300)
800 (1100)
200 (300)
36000 (48200)
200 (300)
800 (1100)
36000 (48200)
500 (600)
US 380
GRAY BRANCH BLVD.
200 (300)
500 (600)
AVERAGE DAILY TRAFFIC VOLUMES YEAR 2015 (YEAR 2035) *
STA 1045+70 END RETAINING WALL
STA 1046+00 BEGIN RETAINING WALL
STA 1046+65.21 END EXISTING CULVERT #12 1- 10'x 6'x 136' BC
STA 1047+25 END RETAINING WALL
Felix Y & Candice Chen
RIDGE RD.
1400 (2000)
2700 (3600)
2300 (3200)
1400 (2000)
32000 (42800)
1300 (1800)
2300 (3200)
32000 (42800)
2100 (2800)
US 380
RIDGE RD.
1300 (1800)
2700 (3600)
2100 (2800)
AVERAGE DAILY TRAFFIC VOLUMES YEAR 2015 (YEAR 2035) *
* NOTE: SOURCE OF


C/L RIDGE ROAD
VPT STA 1078+25.00 EL 603.169
STA 1075+34.98 END OUTSIDE CURB
VPI STA. 1074+34.98 ELEV 605.119 ex = -0.128' K = 389 L = 200.000
VPI STA. 1072+83.67 ELEV 605.099
(-)0.014%
(-)0.013%
VPI STA. 1069+86.33 ELEV 605.059
(+)0.013%
VPI STA. 1068+42.73 ELEV 605.078 ex = -0.128' K = 389 L = 200.000
STA 1067+42.73 RESUME OUTSIDE CURB
EXISTING GROUND @ C/L
(-)0.500%
C/L CR 160
(-)2.500%
(+)0.500%
(+)0.500%
VPI STA. 1080+75.00 ELEV 601.919 ex = 1.875' K = 167 L = 500.000
EXISTING GROUND @ RT ROW
VPC STA 1075+34.98 EL 604.619
VPT STA 1073+34.98 EL 605.106
VPC STA 1069+42.73 EL 605.065
VPT STA 1067+42.73 EL 604.578
EXISTING BRIDGE WS ELEV = 598.07 Q_{50} = 17.43 cfs
WS ELEV = 598.61 Q_{100} = 20.463 cfs
EXISTING CULVERT #14A 6- 10'x8'x86' MBC WS ELEV = 591.795 Q_{50} = 1655 csf
VPC STA 1063+00.00 EL 602.365
VPI STA. 1061+50.00 ELEV 601.615 ex = 0.787' K = 143 L = 300.000
VPT STA 1060+00.00 EL 604.015
EXISTING GROUND @ RT ROW
(-)0.500%
(+)1.600%
(+)1.600%
(-)1.950%
VPC STA 1059+62.50 EL 604.615
EXISTING GROUND @ LT ROW
C/L GRAY BRANCH BLVD.
VPI STA. 1056+75.00 ELEV 609.215 ex = -2.552' K = 162 L = 575.000
VPC STA 1053+75.00 EL 603.363
VPT STA 1053+87.50 EL 603.607
(-)1.950%
VPI STA. 1052+50.00 ELEV 600.925 ex = 0.440' K = 178 L = 250.000
(-)0.542%
VPT STA 1051+25.00 EL 600.247
(-)0.542%
(+)0.350%
VPI STA 1049+25.00 EL 599.163
VPI STA 1048+00.00 EL 599.600
(-)0.350%
VPI STA 1047+00.00 EL 599.250
(+)0.500%
VPI STA 1045+75.00 EL 599.875
EXISTING CULVERT #13 3- 8'x8'x128' MBC Q_{50} ELEV = 595.11 Q_{50} = 660 cfs
Q_{100} ELEV = 595.38 Q_{100} = 725 cfs
EXISTING CULVERT #12* 1- 10'x6'x136' BC Q_{50} ELEV = 594.07 Q_{50} = 515 cfs
Q_{100} ELEV = 594.98 Q_{100} = 594 cfs
604.713 604.8
604.063 604.0
603.563 603.6
603.213 603.3
603.013 603.1
602.963 603.0
603.063 603.0
603.294 603.1
603.544 603.2
603.794 603.4
604.044 603.7
604.294 604.0
604.544 604.3
604.779 604.6
604.952 604.8
605.060 604.8
605.105 604.9
605.101 605.0
605.094 604.9
605.088 604.9
605.081 604.8
605.074 604.8
605.068 604.8
605.061 604.9
605.064 604.9
605.047 604.9
604.967 604.8
604.823 604.8
604.614 604.5
604.365 604.1
604.115 603.8
603.865 603.6
603.615 603.5
603.365 603.5
603.115 603.5
602.865 603.4
602.615 603.3
602.365 603.3
602.202 603.6
602.215 603.9
602.402 604.3
602.765 604.6
603.302 605.0
604.015 605.4
604.810 605.8
605.494 606.2
606.024 606.6
606.399 606.8
606.621 606.7
606.687 606.5
606.600 606.2
606.358 605.8
605.961 605.3
605.411 604.7
604.706 604.0
603.846 603.3
602.893 602.6
602.059 601.8
601.365 601.0
600.812 600.4
600.400 599.8
600.112 599.4
599.840 599.1
599.569 598.8
599.298 598.6
599.250 598.6
599.425 598.6
599.600 598.7
599.425 598.7
599.250 598.8
599.500 599.0
599.750 599.1
599.788 599.2
1081+00
1080+00
1079+00
1078+00
1077+00
1076+00
1075+00
1074+00
1073+00
1072+00
1071+00
1070+00
1069+00
1068+00
1067+00
1066+00
1065+00
1064+00
1063+00
1062+00
1061+00
1060+00
1059+00
1058+00
1057+00
1056+00
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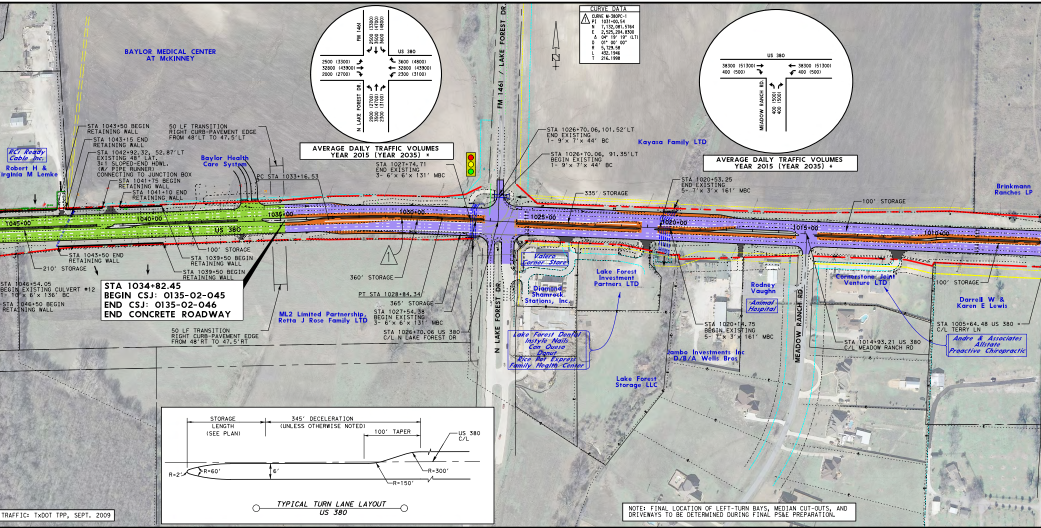
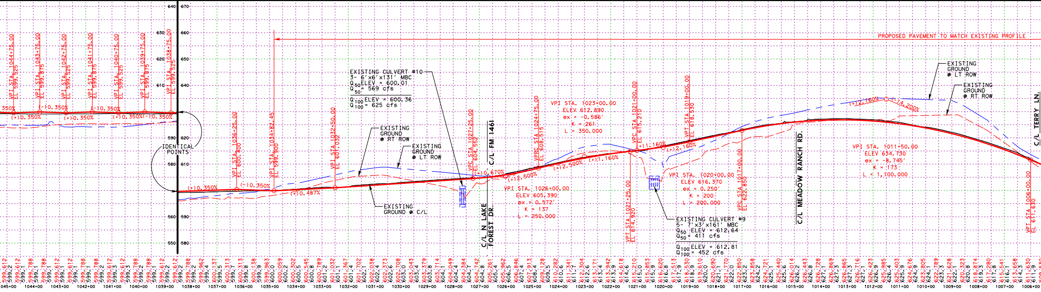
1049+00
1048+00
1047+00
1046+00


BAYLOR MEDICAL CENTER AT McKINNEY
Baylor Health Care System
RCi Ready Cable Inc.
Robert H & Virginia M Lemke
STA 1043+50 BEGIN RETAINING WALL
STA 1043+15 END RETAINING WALL
STA 1042+92.32, 52.87' LT EXISTING 48" LAT. 3:1 SLOPED-END HDWL. (W/ PIPE RUNNER) CONNECTING TO JUNCTION BOX
STA 1041+75 BEGIN RETAINING WALL
STA 1041+10 END RETAINING WALL
50 LF TRANSITION RIGHT CURB-PAVEMENT EDGE FROM 48' LT TO 47.5' LT
PC STA 1033+16.53
1045+00
1040+00
1035+00
1030+00
1025+00
1020+00
1015+00
1010+00
US 380
STA 1043+50 END RETAINING WALL
STA 1039+50 BEGIN RETAINING WALL
STA 1039+50 BEGIN RETAINING WALL
100' STORAGE
210' STORAGE
STA 1046+54.05 BEGIN EXISTING CULVERT #12 1- 10' x 6' x 136' BC
STA 1046+50 BEGIN RETAINING WALL
STA 1034+82.45
BEGIN CSJ: 0135-02-045
END CSJ: 0135-02-046
END CONCRETE ROADWAY
50 LF TRANSITION RIGHT CURB-PAVEMENT EDGE FROM 48' RT TO 47.5' RT
ML2 Limited Partnership, Retta J Rose Family LTD
360' STORAGE
PT STA 1028+84.34
365' STORAGE
STA 1027+54.38 BEGIN EXISTING 3- 6' x 6' x 131' MBC
STA 1026+70.06 US 380 C/L N LAKE FOREST DR
STA 1027+74.71 END EXISTING 3- 6' x 6' x 131' MBC
1
FM 1461 / LAKE FOREST DR.
N LAKE FOREST DR.
AVERAGE DAILY TRAFFIC VOLUMES YEAR 2015 (YEAR 2035) *
FM 1461
2500 (3300)
3500 (4800)
3600 (4800)
US 380
3600 (4800)
32800 (43900)
2300 (3100)
2500 (3300)
32800 (43900)
2000 (2700)
N LAKE FOREST DR.
2000 (2700)
3500 (4700)
2300 (3100)
CURVE DATA
CURVE M-380PC-1
PI 1031+00.54
N 7,132,081.5764
E 2,525,204.8300
Δ 04° 19' 19" (LT)
D 01° 00' 00"
R 5,729.58
L 432.1946
T 216.1998
N
STA 1026+70.06, 101.52' LT END EXISTING 1- 9' x 7' x 44' BC
STA 1026+70.06, 91.35' LT BEGIN EXISTING 1- 9' x 7' x 44' BC
335' STORAGE
Kayasa Family LTD
STA 1020+53.25 END EXISTING 5- 7' x 3' x 161' MBC
100' STORAGE
AVERAGE DAILY TRAFFIC VOLUMES YEAR 2015 (YEAR 2035) *
US 380
38300 (51300)
400 (500)
38300 (51300)
400 (500)
MEADOW RANCH RD.
400 (500)
400 (500)
Brinkmann Ranches LP
Valero Corner Store
Diamond Shamrock Stations, Inc
Lake Forest Investment Partners LTD
Lake Forest Dental Instyle Nails Con Queso Donut Rice Pot Express Family Health Center
Lake Forest Storage LLC
Rodney Vaughn
Animal Hospital
STA 1020+14.75 BEGIN EXISTING 5- 7' x 3' x 161' MBC
Jambo Investments Inc D/B/A Wells Bros
MEADOW RANCH RD.
Cornerstone Joint Venture LTD
STA 1014+93.21 US 380 C/L MEADOW RANCH RD
100' STORAGE
Darrell W & Karen E Lewis
STA 1005+64.48 US 380 = C/L TERRY LN
Andre & Associates Allstate Proactive Chiropractic
TRAFFIC: TxDOT TPP, SEPT. 2009
STORAGE LENGTH (SEE PLAN)
345' DECELERATION (UNLESS OTHERWISE NOTED)
100' TAPER
US 380 C/L
R=2'
R=60'
6'
R=300'
R=150'
TYPICAL TURN LANE LAYOUT US 380
NOTE: FINAL LOCATION OF LEFT-TURN BAYS, MEDIAN CUT-OUTS, AND DRIVEWAYS TO BE DETERMINED DURING FINAL PS&E PREPARATION.


640
630
620
610
600
590
580
570
560
550
670
660
650
640
630
620
610
600
590
580
VPI STA 1044+75.00 EL 599.525
VPI STA 1043+75.00 EL 599.875
VPI STA 1042+75.00 EL 599.525
VPI STA 1041+75.00 EL 599.875
VPI STA 1040+75.00 EL 599.525
VPI STA 1039+75.00 EL 599.875
VPI STA 1038+75.00 EL 599.525
(-)0.350%
(+)0.350%
IDENTICAL POINTS
VPI STA 1036+25.00 EL 600.400
VPI STA 1034+82.45 EL 599.900
VPI STA 1032+50.00 EL 601.032
(+)0.350%
(-)0.350%
(+)0.487%
EXISTING CULVERT #10 3- 6'x6'x131' MBC ELEV = 600.01
Q_{50} = 569 cfs
Q_{100} ELEV = 600.36
Q_{100} = 625 cfs
EXISTING GROUND @ RT ROW
EXISTING GROUND @ LT ROW
EXISTING GROUND @ C/L
VPC STA 1027+25.00 EL 604.552
C/L FM 1461
C/L N LAKE FOREST DR.
(+)0.670%
(+)2.500%
VPI STA. 1026+00.00 ELEV 605.390 ex = 0.572' K = 137 L = 250.000
VPRC STA 1024+75.00 EL 608.515
VPI STA. 1023+00.00 ELEV 612.890 ex = -0.586' K = 261 L = 350.000
(+)2.500%
(+)1.160%
VPC STA 1021+00.00 EL 615.210
VPI STA 1021+25.00 EL 614.920
(+)1.160%
(+)2.160%
VPT STA 1019+00.00 EL 618.530
VPI STA. 1020+00.00 ELEV 616.370 ex = 0.250' K = 200 L = 200.000
EXISTING CULVERT #9 5- 7'x3'x161' MBC
Q_{50} ELEV = 612.64
Q_{50} = 411 cfs
Q_{100} ELEV = 612.81
Q_{100} = 452 cfs
VPC STA 1017+00.00 EL 622.850
C/L MEADOW RANCH RD.
PROPOSED PAVEMENT TO MATCH EXISTING PROFILE
(+)2.160%
(-)4.200%
EXISTING GROUND @ LT ROW
EXISTING GROUND @ RT ROW
VPI STA. 1011+50.00 ELEV 634.730 ex = -8.745' K = 173 L = 1,100.000
VPT STA 1006+00.00 EL 611.630
C/L TERRY LN.
1045+00
1044+00
1043+00
1042+00
1041+00
1040+00
1039+00
1038+00
1037+00
1036+00
1035+00
1034+00
1033+00
1032+00
1031+00
1030+00
1029+00
1028+00
1027+00
1026+00
1025+00
1024+00
1023+00
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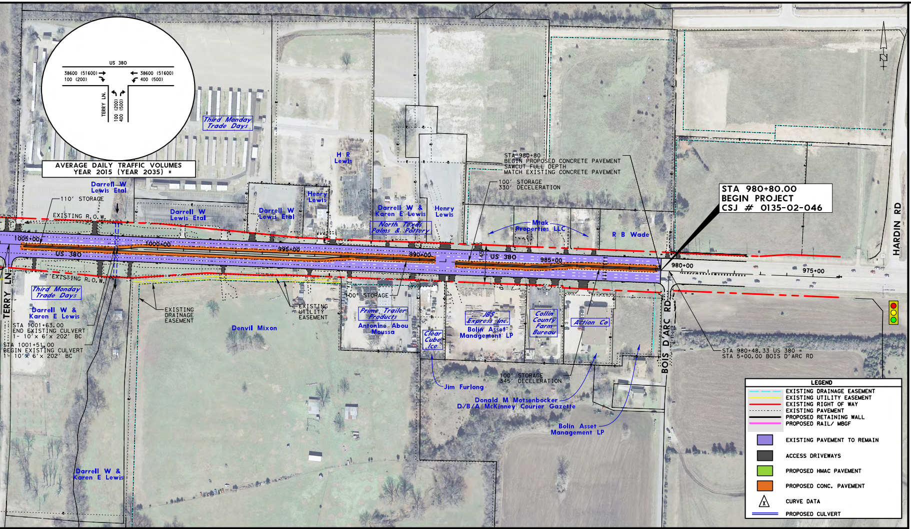
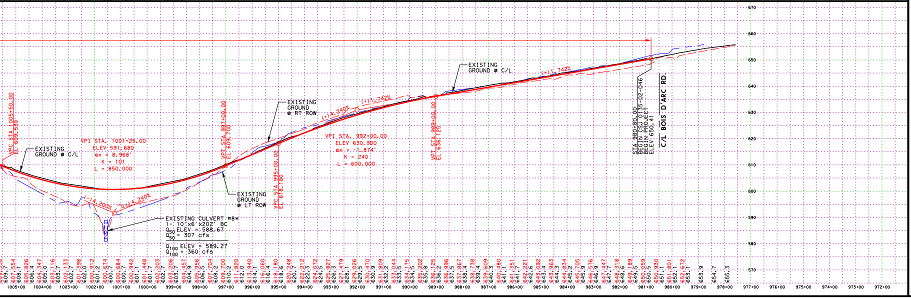
1008+00
1007+00
1006+00


US 380
38600 (51600)
100 (200)
38600 (51600)
400 (500)
TERRY LN.
100 (200)
400 (500)
AVERAGE DAILY TRAFFIC VOLUMES
YEAR 2015 (YEAR 2035) *
Third Monday Trade Days
H R Lewis
Darrell W Lewis Etal
110' STORAGE
EXISTING R.O.W.
Darrell W Lewis Etal
Henry Lewis
Darrell W Lewis Etal
Darrell W & Karen E Lewis
North Texas Palms & Pottery
Henry Lewis
STA 980+80
BEGIN PROPOSED CONCRETE PAVEMENT
SAWCUT FULL DEPTH
MATCH EXISTING CONCRETE PAVEMENT
100' STORAGE
330' DECELERATION
Mtak Properties LLC
R B Wade
STA 980+80.00
BEGIN PROJECT
CSJ # 0135-02-046
HARDIN RD
1005+00
1000+00
995+00
990+00
985+00
980+00
975+00
US 380
EXISTING R.O.W.
Third Monday Trade Days
Darrell W & Karen E Lewis
STA 1001+63.00
END EXISTING CULVERT
1- 10'x 6'x 202' BC
STA 1001+51.00
BEGIN EXISTING CULVERT
1- 10'x 6'x 202' BC
TERRY LN
EXISTING DRAINAGE EASEMENT
EXISTING UTILITY EASEMENT
Denvil Mixon
100' STORAGE
Prime Trailer Products
Antonine Abou Moussa
Clear Cube Ice
JBS Express Inc.
Bolin Asset Management LP
Collin County Farm Bureau
Action Co
BOIS D'ARC RD
STA 980+48.33 US 380 =
STA 5+00.00 BOIS D'ARC RD
Jim Furlong
100' STORAGE
345' DECELERATION
Donald M Motsenbocker
D/B/A McKinney Courier Gazette
Bolin Asset Management LP
Darrell W & Karen E Lewis

LEGEND

- EXISTING DRAINAGE EASEMENT
- EXISTING UTILITY EASEMENT
- EXISTING RIGHT OF WAY
- EXISTING PAVEMENT
- PROPOSED RETAINING WALL
- PROPOSED RAIL/ MBGF
- 🟪 EXISTING PAVEMENT TO REMAIN
- ⬛ ACCESS DRIVEWAYS
- 🟩 PROPOSED HMAC PAVEMENT
- 🟧 PROPOSED CONC. PAVEMENT
- △ CURVE DATA
- PROPOSED CULVERT



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TEXAS DEPT. OF TRANSPORTATION

WILLIAM HALE, P.E. - DISTRICT ENGINEER

DESIGN SCHEMATIC
URBAN PRINCIPAL ARTERIAL

US 380

PROPOSED HIGHWAY IMPROVEMENT OF 6 LANE DIVIDED HIGHWAY
FROM N. CUSTER RD. (FM 2478)
TO BOIS D'ARC RD.

CSJ #: 0135-02-045 AND 0135-02-046

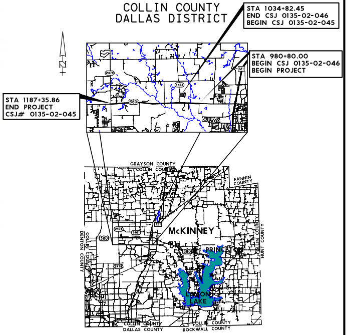
DESIGN SPEED

U.S. 380 MAIN LANES - 45 MPH
LENGTH - 3.884 MILES (20,507.08 FT)

LIMITS OF ROADWAY WIDENING OF US 380 FROM 4-LANES TO 6-LANES:

FROM CUSTER RD. (FM 2478)
TO BOIS D'ARC RD. IN MCKINNEY, TX.

COLLIN COUNTY
DALLAS DISTRICT


STA 1034+82.45
END CSJ 0135-02-046
BEGIN CSJ 0135-02-045
STA 980+80.00
BEGIN CSJ 0135-02-046
BEGIN PROJECT
STA 1187+35.86
END PROJECT
CSJ# 0135-02-045
N
2478
380
121
1461
GRAYSON COUNTY
COLLIN COUNTY
FANNIN COUNTY
McKINNEY
DENTON COUNTY
COLLIN COUNTY
HUNT COUNTY
COLLIN COUNTY
DALLAS COUNTY
COLLIN COUNTY
ROCKWALL COUNTY
LAVON LAKE

TEAGUE NALL AND PERKINS, INC.
1100 MACON STREET FORT WORTH, TEXAS 76102
PHONE:(817)336-5773 FAX: (817)336-2613
www.tnp-online.com

PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230; FOR INTERIM REVIEW ONLY;
NOT FOR CONSTRUCTION, BIDDING, OR PERMITTING.

NAME	P.E. NUMBER	NAME	P.E. NUMBER
TY HILTON, P.E.	80209	DANIEL P. MCCULLOUGH, P.E.	98291

DATE

DATE APPROVED

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ROLL 2 of 2

AUGUST 2010

50 0 100 200 300
HORIZONTAL
SCALE IN FEET