i:\proj\01300701\dgn\300701TDT98.DGN
Wed Jul 19 15:08:25 2006
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theressa

Texas Department of Transportation

DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER

DENTON COUNTY

DESIGN SCHEMATIC

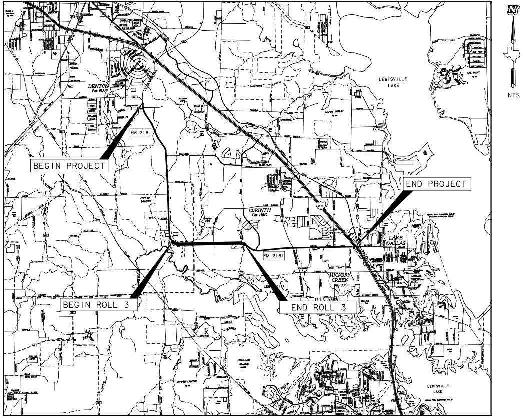
FM 2181
FROM LILLIAN MILLER PARKWAY TO IH 35E

CSJ: 2054-02-015,016

DESIGN SPEED = 40 MPH
FUNCTIONAL CLASS: MINOR ARTERIAL
PROJECT LENGTH = 36,093.5 FT; 6.84 MILES
ROLL 3 OF 4
STA. 10275+00 TO STA. 10357+00

SCALE 1"=100'H, 1"=10'V

JULY 2006


N
NTS
DENTON
FM 2181
BEGIN PROJECT
LEWISVILLE LAKE
END PROJECT
CORINTH
LAKE DALLAS
FM 2181
HICKORY CREEK
BEGIN ROLL 3
END ROLL 3
LEWISVILLE LAKE

KEY MAP
NTS

ROLL 3 OF 4
DESIGN SPEED : 40 mph

HUITT-ZOLLARS
Huitt-Zollars, Inc.
3131 McKinney Avenue, Suite 600
Dallas, Texas 75204-2489

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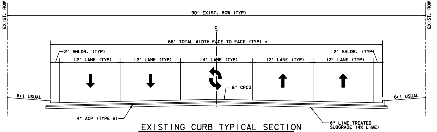
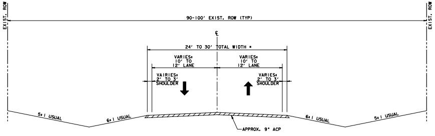

EXIST. ROW
90' EXIST. ROW (TYP)
℄
66' TOTAL WIDTH FACE TO FACE (TYP) *
2' SHLDR. (TYP)
12' LANE (TYP)
12' LANE (TYP)
14' LANE (TYP)
12' LANE (TYP)
12' LANE (TYP)
2' SHLDR. (TYP)
8" CPCD
6:1 USUAL
6:1 USUAL
4" ACP (TYPE A)
8" LIME TREATED SUBGRADE (4% LIME)

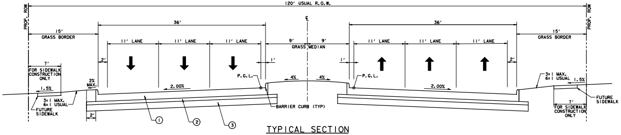
EXISTING CURB TYPICAL SECTION

(STA 10112+71.33 TO STA 10125+50)
* PAVEMENT TRANSITIONS FROM STA 10125+50 TO STA 10136+00
SCALE: 1"=10'


EXIST. ROW
90-100' EXIST. ROW (TYP)
℄
24' TO 30' TOTAL WIDTH *
VARIES: 10' TO 12' LANE
VARIES: 10' TO 12' LANE
VAIRIES: 2' TO 3' SHOULDER
VARIES: 2' TO 3' SHOULDER
5:1 USUAL
6:1 USUAL
6:1 USUAL
5:1 USUAL
APPROX. 9" ACP

EXISTING TYPICAL SECTION

(STA 10136+00 TO STA 10473+00)
* PAVEMENT TRANSITIONS FROM STA 10125+50 TO STA 10136+00
SCALE: 1"=10'


PROP. ROW
120' USUAL R.O.W.
℄
15' GRASS BORDER
36'
11' LANE
11' LANE
11' LANE
9'
9'
GRASS MEDIAN
36'
11' LANE
11' LANE
11' LANE
15' GRASS BORDER
2'
1'
1'
2'
7' FOR SIDEWALK CONSTRUCTION ONLY
1.5%
2% MAX.
P.G.L.
2.00%
4%
4%
P.G.L.
2.00%
3:1 MAX. 6:1 USUAL
1.5%
FUTURE SIDEWALK
7' FOR SIDEWALK CONSTRUCTION ONLY
3:1 MAX. 6:1 USUAL
FUTURE SIDEWALK
2'
BARRIER CURB (TYP)
①
②
③

TYPICAL SECTION

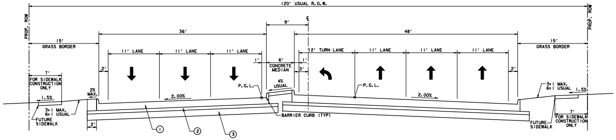
SCALE: 1"=10'

STA 10134+44 TO STA 10146+16	STA 10295+38 TO STA 10299+89
STA 10173+68 TO STA 10177+19	STA 10309+44 TO STA 10315+13
STA 10185+94 TO STA 10192+83	STA 10319+93 TO STA 10326+26
STA 10201+40 TO STA 10209+32	STA 10345+56 TO STA 10346+18
STA 10217+92 TO STA 10218+31	STA 10350+76 TO STA 10362+75
STA 10227+21 TO STA 10231+49	STA 10380+98 TO STA 10386+77
STA 10254+04 TO STA 10257+52	STA 10395+53 TO STA 10402+33
STA 10274+30 TO STA 10275+29	STA 10412+45 TO STA 10412+77
STA 10283+89 TO STA 10290+24	STA 10421+17 TO STA 10421+50

① 9" CRCP

② 4" ACP (TYPE 'A')

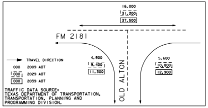
③ STABILIZED SUBGRADE,
8" LIME, 6%, 36 LBS/SY PER 8" DEPTH OR
18" LIME, 6%, 36 LBS/SY PER 8" DEPTH OR
8" CEMENT, 4%, 24 LBS/SY PER 8" DEPTH


PROP. ROW
120' USUAL R.O.W.
℄
9'
15' GRASS BORDER
36'
11' LANE
11' LANE
11' LANE
1'
6' CONCRETE MEDIAN
48'
12' TURN LANE
11' LANE
11' LANE
11' LANE
15' GRASS BORDER
2'
3'
2'
7' FOR SIDEWALK CONSTRUCTION ONLY
1.5%
2% MAX.
P.G.L.
2.00%
4% USUAL
P.G.L.
2.00%
3:1 MAX. 6:1 USUAL
1.5%
3:1 MAX. 6:1 USUAL
FUTURE SIDEWALK
7' FOR SIDEWALK CONSTRUCTION ONLY
FUTURE SIDEWALK
2'
BARRIER CURB (TYP)
①
②
③

TYPICAL TURN BAY SECTION

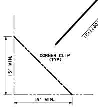
SCALE: 1"=10'
(STATION RANGES INCLUDE TURN LANE TRANSITIONS AND MEDIAN OPENINGS)

STA 10113+07 TO STA 10134+44	STA 10290+24 TO STA 10295+38
STA 10146+16 TO STA 10173+68	STA 10299+89 TO STA 10309+44
STA 10177+19 TO STA 10185+94	STA 10315+13 TO STA 10319+93
STA 10192+83 TO STA 10201+40	STA 10326+26 TO STA 10345+56
STA 10209+32 TO STA 10217+92	STA 10346+18 TO STA 10350+76
STA 10218+31 TO STA 10227+21	STA 10362+75 TO STA 10380+98
STA 10231+49 TO STA 10254+04	STA 10386+77 TO STA 10395+53
STA 10257+52 TO STA 10274+30	STA 10402+33 TO STA 10412+45
STA 10275+29 TO STA 10283+89	STA 10412+77 TO STA 10421+17
	STA 10421+50 TO STA 10441+00

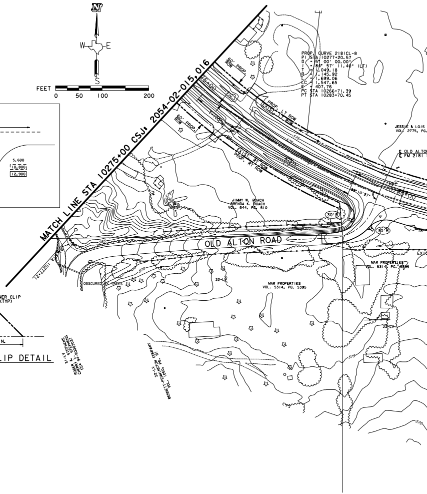

16,000
31,200
37,500
FM 2181
4,900
9,400
11,300
OLD ALTON
5,600
10,800
12,900

→ TRAVEL DIRECTION
000 2009 ADT
000 2029 ADT
000 2039 ADT

TRAFFIC DATA SOURCE:
TEXAS DEPARTMENT OF TRANSPORTATION,
TRANSPORTATION, PLANNING AND
PROGRAMMING DIVISION.


15' MIN.
CORNER CLIP (TYP)
15' MIN.

CORNER CLIP DETAIL


N
W
E
S
FEET
0
50
100
200
MATCH LINE STA 10275+00 CSJ: 2054-02-015,016
PROP. CURVE 2181CL-8
PI STA 10277+20.57
D = 5° 00' 00.00"
I = 84° 57' 11.40" (LT)
T = 1,049.18
R = 1,145.92
L = 1,699.06
LC = 1,547.65
E = 407.76
PC STA 10266+71.39
PT STA 10283+70.45
60' PROP. ROW
60' PROP. ROW
PROP. LT ROW
EXIST. LT ROW
EXIST. RT ROW
PROP. RT ROW
JESSIE & LOIS
VOL. 2775, PG.
℄ OLD ALTON
℄ FM 2181
JIMMY W. ROACH
BRENDA K. ROACH
VOL. 544, PG. 510
OLD ALTON ROAD
30'R
30'R
MAR PROPERTIES
VOL. 5314, PG. 5395
MAR PROPERTIES
VOL. 5314, PG. 5395
OBSCURED BY TREES
32-LT
33-LT
575
570
565

LEGEND	
— - — - —	CENTERLINE - ℄
—— —— ——	EXIST. GROUND @ ℄
——— - - ———	EXIST. ROW
- - - - - - -	EXIST. DRNG. ESMT.
━━━ - - ━━━	PROPOSED ROW
- - - - - - -	PROPOSED DRNG. ESMT.
-------------	PROPOSED CONST. ESMT
▨	IMPACTED BUILDING
⋺	HANDICAP RAMP
60' PROP. ROW	ROW DIMENSIONING FROM PROP. ℄ TO PROP. ROW

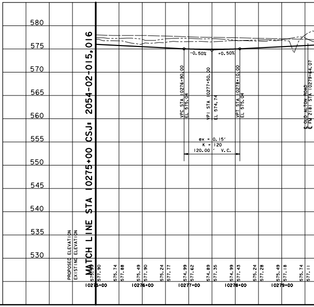
NOTES:

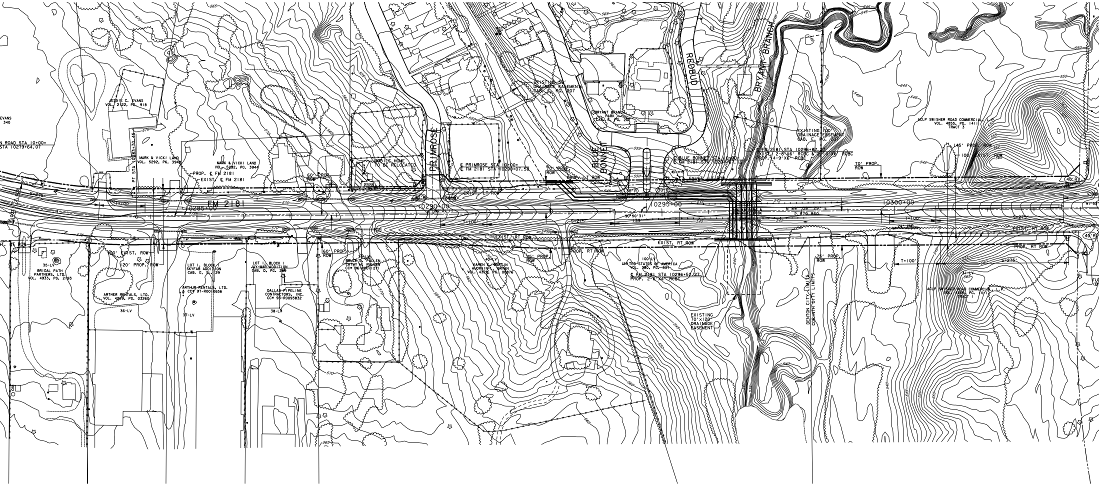
1. ADA RAMPS SHALL BE PLACED AT ALL INTERSECTIONS. MAXIMUM CROSS SLOPE FOR SIDEWALKS WILL BE 1.5%. PROPOSED SIDEWALKS TO BE INSTALLED ONLY WHERE THERE ARE EXISTING SIDWALKS.

2. EXISTING CONTOURS PROVIDED FOR PRELIMINARY REVIEW PURPOSES ONLY.

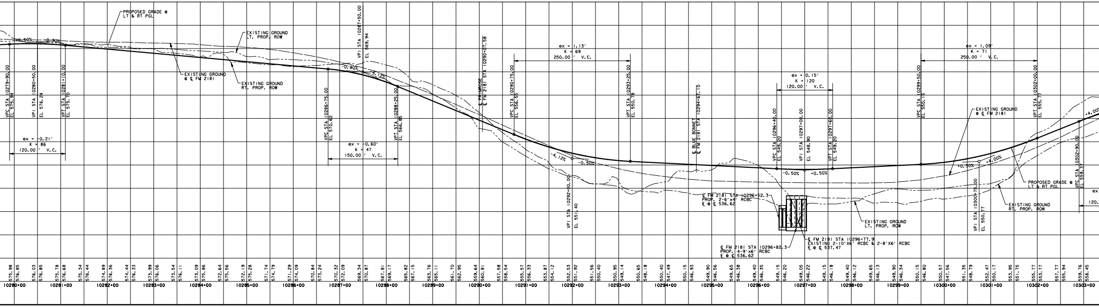
3. MEDIAN OPENINGS ARE APPROXIMATE AND SUBJECT TO CHANGES DURING COORDINATION WITH THE CITIES OF DENTON, CORINTH AND HICKORY CREEK.

4. TSS IMPACT TO JURISDICTIONAL WATERS TO BE ADDRESSED IN THE EROSION CONTROL PLANS AND SWPPP DURING CONSTRUCTION.





EVANS
340
N ROAD STA 10+00=
STA 10279+64.07
JESSIE C. EVANS
VOL. 2122, PG. 918
MARK & VICKI LAND
VOL. 5292, PG. 3948
MARK & VICKI LAND
VOL. 5292, PG. 3944
PROP. ℄ FM 2181
EXIST. ℄ FM 2181
MOBILE HOME
TO BE RELOCATED
60' PROP. ROW
PRIMROSE
℄ PRIMROSE STA 10+00=
℄ FM 2181 STA 10290+07.58
70' PROP. ROW
PROP. LT ROW
EXIST. LT ROW
EXISTING 50' DRAINAGE EASEMENT
CAB. E, PG. 207
BRYANT BRANCH PARK
CAB. E, PG. 207
BLUE BONNET
REDBUD
BRYANT BRANCH
℄ BLUE BONNET STA 10+00=
℄ FM 2181 STA 10294+67.10
EXISTING 100' DRAINAGE EASEMENT
CAB. E, PG. 207
℄ FM 2181 STA 10296+82.3
EXIST. 2-8'X6' RCBC & 2-10'X6' RCBC
PROP. 4-9'X6' RCBC
70' PROP. ROW
EXIST. ROW
ACLP SWISHER ROAD COMMERCIAL, L.P.
VOL. 4855, PG. 1411
TRACT 3
145' PROP. ROW
100' EXIST. ROW
40' R
FM 2181
10285+00
10290+00
10295+00
10300+00
S=275'
T=100'
N 89°09'29" E
2,879.860
90°50'31"
30' R
EXIST. RT ROW
PROP. RT ROW
100' EXIST. ROW
20' PROP. ROW
60' PROP. ROW
35-LV
BRIDAL PATH PARTNERS, LTD.
VOL. 4933, PG. 2193
ARTHER RENTALS, LTD.
VOL. 4219, PG. 03260
36-LV
LOT 1, BLOCK 1
SKYFAB ADDITION
CAB. G, SL. 129
ARTHUR RENTALS, LTD.
CC# 97-R0010656
37-LV
LOT 1, BLOCK 1
JAY-MAR ADDITION
CAB. D, PG. 289
DALLAS PIPELINE CONTRACTORS, INC.
CC# 93-R0093832
38-LV
39-LV
BRUCE D. PULLEN
CATHY M. PULLEN
CC# 96-R0011271
40-LV
KAREN E. MARTIN
AURORA M. BRYAN
VOL. 4328, PG. 00876
75' PROP. ROW
100-LT
UNITED STATES OF AMERICA
VOL. 380, PG. 337
℄ FM 2181 STA 10296+52.27
PROP. 2-6'X4' RCBC
EXISTING 70'x120' DRAINAGE EASEMENT
75' PROP. ROW
DENTON CITY LIMITS
CORINTH CITY LIMITS
41-LV
ACLP SWISHER ROAD COMMERCIAL, L.P.
VOL. 4855, PG. 1411
TRACT 1
S=276'
45' R
545
550
555
560
565
570
575



PROPOSED GRADE ℄ LT & RT PGL
EXISTING GROUND LT. PROP. ROW
EXISTING GROUND ℄ FM 2181
EXISTING GROUND RT. PROP. ROW
+0.50%
-0.90%
-0.90%
-3.12%
-4.12%
-0.50%
-0.50%
+0.50%
+0.50%
+4.00%
VPC STA 10279+90.00
EL 575.96
VPI STA 10280+50.00
EL 576.24
VPT STA 10281+10.00
EL 575.70
ex = -0.21'
K = 86
120.00' V.C.
VPC STA 10286+75.00
EL 570.62
VPI STA 10287+50.00
EL 569.94
VPT STA 10288+25.00
EL 566.85
ex = -0.60'
K = 47
150.00' V.C.
℄ PRIMROSE
℄ FM 2181 STA 10290+07.58
VPC STA 10290+75.00
EL 556.55
ex = 1.13'
K = 69
250.00' V.C.
VPI STA 10292+00.00
EL 551.40
VPT STA 10293+25.00
EL 550.78
℄ BLUE BONNET
℄ FM 2181 STA 10294+67.10
ex = 0.15'
K = 120
120.00' V.C.
VPC STA 10296+40.00
EL 549.20
VPI STA 10297+00.00
EL 548.90
VPT STA 10297+60.00
EL 549.20
℄ FM 2181 STA 10296+52.3
PROP. 2-6'x4' RCBC
℄ @ ℄ 536.62
℄ FM 2181 STA 10296+77.9
EXISTING 2-10'X6' RCBC & 2-8'X6' RCBC
℄ @ ℄ 537.47
℄ FM 2181 STA 10296+82.3
PROP. 4-9'x6' RCBC
℄ @ ℄ 536.62
VPC STA 10299+50.00
EL 550.15
ex = 1.09'
K = 71
250.00' V.C.
VPI STA 10300+75.00
EL 550.77
VPT STA 10302+00.00
EL 555.77
VPC STA 10302+90.00
EL 559.37
575.98
576.85
576.03
576.85
575.78
576.68
575.34
576.44
574.89
576.36
574.44
576.33
573.99
576.06
573.54
576.11
573.09
575.86
572.64
575.56
572.19
575.28
571.74
574.79
571.29
574.09
570.84
573.24
570.32
572.09
569.34
570.87
567.81
569.17
565.82
567.15
563.76
565.11
561.70
562.94
559.64
560.81
557.58
558.54
555.57
556.33
553.87
554.12
552.53
552.53
551.92
551.56
550.40
550.95
549.14
550.65
548.18
550.40
547.49
550.15
546.93
549.90
546.56
549.65
546.38
549.40
546.35
549.15
546.20
549.05
546.22
549.15
546.18
549.40
546.12
549.65
546.13
549.90
546.34
550.15
546.80
550.57
547.56
551.35
548.79
552.47
550.17
553.95
551.75
555.77
553.77
557.77
555.94
559.76
558.45
10280+00
10281+00
10282+00
10283+00
10284+00
10285+00
10286+00
10287+00
10288+00
10289+00
10290+00
10291+00
10292+00
10293+00
10294+00
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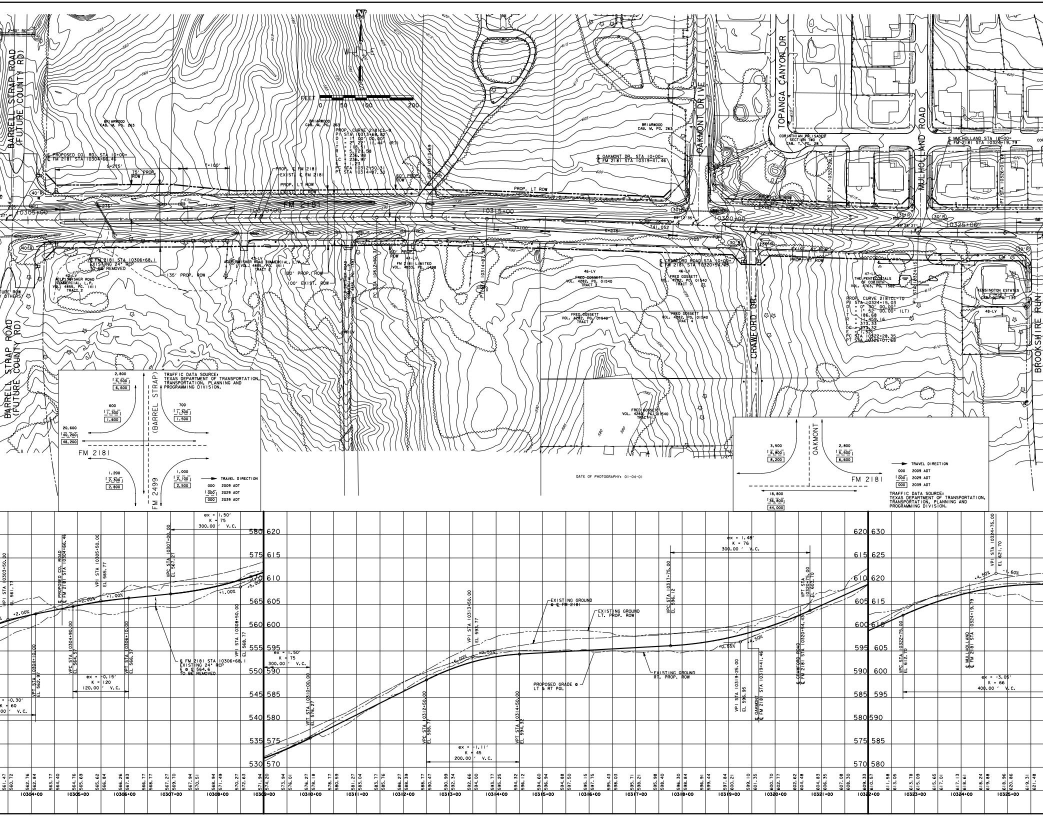
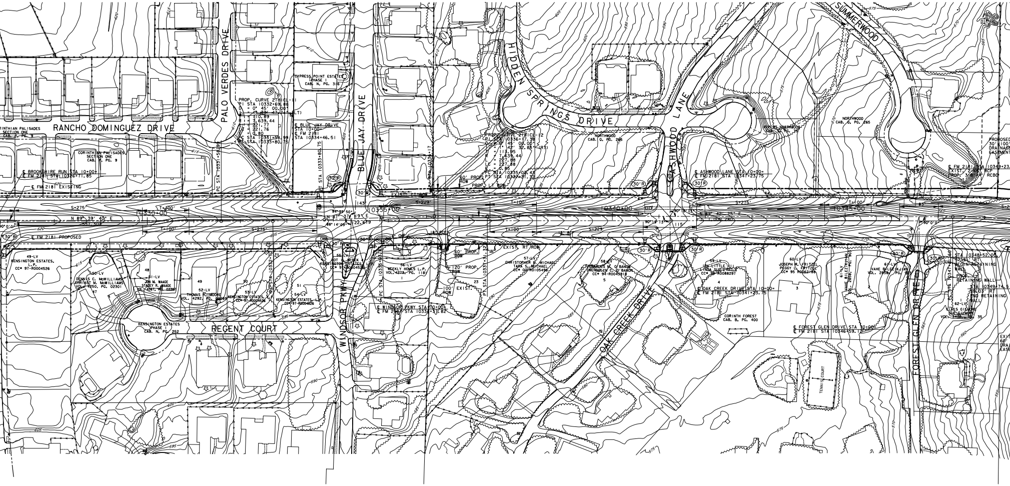
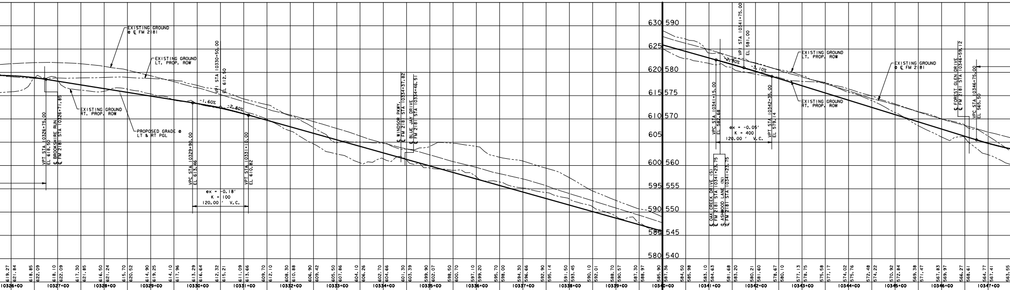
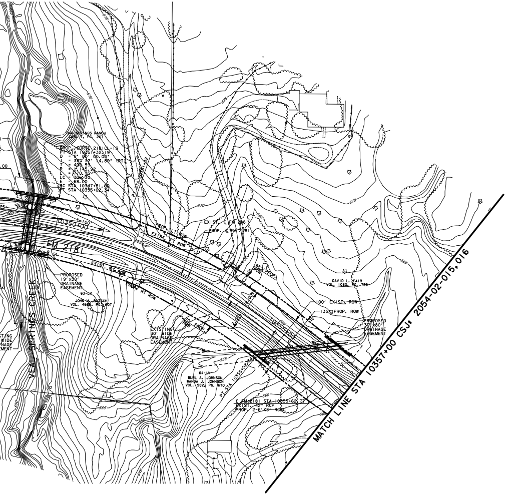
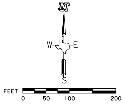
10299+00
10300+00
10301+00
10302+00
10303+00

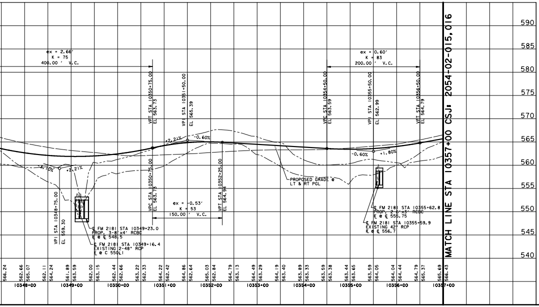

BARRELL STRAP ROAD (FUTURE COUNTY RD)
FEET 0 50 100 200
BRIARWOOD CAB. M, PG. 263
PROPOSED CO. RD. STA 10+00= ℄ FM 2181 STA 10304+66.46
S=275'
75' PROP. ROW
T=100'
PROP. ℄ FM 2181
EXIST. ℄ FM 2181
PROP. LT ROW
EXIST. LT ROW
PROP. CURVE 2181CL-9
PI STA 10313+68.82
D = 1° 00' 00.00"
I = 2° 22' 11.44" (RT)
T = 118.51
R = 5,729.58
L = 236.98
LC = 236.97
E = 1.23
PC STA 10312+50.31
PT STA 10314+87.30
60' PROP. ROW
STA 10313+69
FM 2181
10305+00
10310+00
10315+00
10320+00
10325+00
℄ OAKMONT DR. STA 10+00= ℄ FM 2181 STA 10319+41.46
OAKMONT DRIVE
TOPANGA CANYON DR
CORINTHIAN PALISADES SECTION TWO CAB. T, PG. 28
PC STA 10322+28.35
MULHOLLAND ROAD
℄ MULHOLLAND STA 10+00= ℄ FM 2181 STA 10324+19.79
PI STA 10326+01.68
℄ FM 2181 STA 10306+68.1 EXISTING 24" RCP TO BE REMOVED
135' PROP. ROW
42-LV ACLP-SWISHER ROAD COMMERCIAL, L.P. VOL. 4855, PG. 1411 TRACT 2
43-LV ACLP-SWISHER ROAD COMMERCIAL, L.P. VOL. 4855, PG. 1411 TRACT 2
120' PROP. ROW
100' EXIST. ROW
PC STA 10312+50.31
60' PROP. ROW
44-LV FM 2181 LIMITED VOL. 4633, PG. 1498
PT STA 10314+87.30
46-LV FRED GOSSETT VOL. 4282, PG. 01540 TRACT 3
℄ CRAWFORD ROAD STA 10+00= ℄ FM 2181 STA 10320+54.43
FRED GOSSETT VOL. 4282, PG. 01540 TRACT 4
CRAWFORD DR.
EXIST. RT ROW
PROP. RT ROW
47-LV THE PENTECOSTALS OF CORINTH VOL. 4763, PG. 1562
PI STA 10324+15
PROP. CURVE 2181CL-10
PI STA 10324+15.03
D = 0° 30' 00.00"
I = 1° 52' 00.00" (LT)
T = 186.68
R = 11,459.16
L = 373.33
LC = 373.32
E = 1.52
PC STA 10322+28.35
PT STA 10326+01.68
KENSINGTON ESTATES PHASE I CAB. P, PG. 139
48-LV
BROOKSHIRE RUN
BARRELL STRAP ROAD (FUTURE COUNTY RD)
TRAFFIC DATA SOURCE: TEXAS DEPARTMENT OF TRANSPORTATION, TRANSPORTATION, PLANNING AND PROGRAMMING DIVISION.
2,800 5,500 6,600
600 1,300 1,600
700 1,300 1,500
20,600 40,200 48,200
1,200 2,300 2,800
1,000 2,100 2,500
(BARREL STRAP)
FM 2181
FM 2499
TRAVEL DIRECTION
000 2009 ADT
000 2029 ADT
000 2039 ADT
DATE OF PHOTOGRAPHY: 01-04-01
OAKMONT
3,500 6,800 8,200
2,800 5,500 6,600
18,800 36,800 44,000
FM 2181
TRAFFIC DATA SOURCE: TEXAS DEPARTMENT OF TRANSPORTATION, TRANSPORTATION, PLANNING AND PROGRAMMING DIVISION.
VPI STA 10303+50.00 EL 561.77
+2.00%
ex = -0.30' K = 60 V.C.
VPT STA 10304+10.00 EL 562.97
℄ PROPOSED CO. ROAD ℄ FM 2181 STA 10304+66.46
VPC STA 10304+90.00 EL 564.57
VPI STA 10305+50.00 EL 565.77
+1.00%
ex = -0.15' K = 120 120.00' V.C.
VPT STA 10306+10.00 EL 566.37
VPC STA 10307+00.00 EL 567.27
℄ FM 2181 STA 10306+68.1 EXISTING 24" RCP F.L. @ ℄ 564.6 TO BE REMOVED
ex = 1.50' K = 75 300.00' V.C.
+5.00%
VPI STA 10308+50.00 EL 568.77
580 620
575 615
570 610
565 605
560 600
555 595
550 590
545 585
540 580
535 575
530 570
ex = 1.50' K = 75 300.00' V.C.
VPT STA 10310+00.00 EL 576.27
5.00%
VPC STA 10312+50.00 EL 588.77
VPI STA 10313+50.00 EL 593.77
+0.55%
ex = -1.11' K = 45 200.00' V.C.
VPT STA 10314+50.00 EL 594.32
EXISTING GROUND @ ℄ FM 2181
EXISTING GROUND LT. PROP. ROW
PROPOSED GRADE @ LT & RT PGL
EXISTING GROUND RT. PROP. ROW
VPC STA 10317+75.00 EL 596.12
+0.55%
+4.50%
ex = 1.48' K = 76 300.00' V.C.
VPI STA 10319+25.00 EL 596.95
℄ OAKMONT ℄ FM 2181 STA 10319+41.46
℄ CRAWFORD ROAD ℄ FM 2181 STA 10320+54.43
VPT STA 10320+75.00 EL 603.70
620 630
615 625
610 620
605 615
600 610
595 605
590 600
585 595
580 590
575 585
570 580
VPC STA 10322+75.00 EL 612.70
+4.50%
VPI STA 10324+75.00 EL 621.70
-1.60%
℄ MULHOLLAND ℄ FM 2181 STA 10324+19.79
ex = -3.05' K = 66 400.00' V.C.
561.47 560.72 562.84 562.84 563.77 564.40 564.76 565.69 565.62 566.84 566.26 567.83 566.77 568.77 567.27 569.70 567.94 570.51 568.94 571.49 570.27 572.63 571.94
574.20 573.94 576.27 578.18 578.77 580.59 581.27 583.04 583.76 585.76 586.27 588.39 588.77 590.47 590.99 592.34 592.66 594.00 593.77 595.25 594.32 596.12 594.60 596.94 594.88 597.50 595.15 597.75 595.43 598.03 595.71 598.21 595.98 598.40 596.30 598.84 596.91 599.44 597.84 600.21 599.10 601.35 600.70 602.77 602.62 604.48 604.83 606.35 607.08 608.30 609.33
610.57 611.58 613.05 613.78 615.09 615.65 617.01 617.13 618.61 618.24 619.88 618.96 620.86 619.31 621.48
10304+00
10305+00
10306+00
10307+00
10308+00
10309+00
10310+00
10311+00
10312+00
10313+00
10314+00
10315+00
10316+00
10317+00
10318+00
10319+00
10320+00
10321+00
10322+00
10323+00
10324+00
10325+00


RANCHO DOMINGUEZ DRIVE
PALO VERDES DRIVE
BLUE JAY DRIVE
HIDDEN SPRINGS DRIVE
SUMMERWOOD
ASHWOOD LANE
WINDSOR PKWY
REGENT COURT
OAK CREEK DRIVE
FOREST GLEN DRIVE
CORINTHIAN PALISADES SECTION ONE CAB. P, PG. 9
CYPRESS POINT ESTATES PHASE I CAB. N, PG. 316
NORTHWOOD CAB. Q, PG. 265
KENSINGTON ESTATES PHASE I CAB. N, PG. 252
CORINTH FOREST CAB. B, PG. 400
℄ BROOKSHIRE RUN STA 10+00= ℄ FM 2181 STA 10326+71.85
℄ FM 2181 EXISTING
℄ FM 2181 PROPOSED
℄ BLUE JAY DRIVE STA 10+00= ℄ FM 2181 STA 10334+46.51
℄ WINDSOR PKWY STA 10+00= ℄ FM 2181 STA 10334+37.82
℄ ASHWOOD LANE STA 10+00= ℄ FM 2181 STA 10341+23.75
℄ OAK CREEK DRIVE STA 10+00= ℄ FM 2181 STA 10341+23.75
℄ FOREST GLEN DRIVE STA 10+00= ℄ FM 2181 STA 10346+59.12
PROP. CURVE 2181CL-11
PROP. CURVE 2181CL-12
N 89° 39' 40" E
N 89° 42' 25" E
10330+00
10335+00
10340+00
10345+00
TENNIS COURT
PROP. LT ROW
EXIST. RT ROW
PROPOSED 30'x100' DRAINAGE EASEMENT




OAK SPRINGS RANCH
CAB. T, PG. 267
PROP. CURVE 2181CL-13
PI STA 10351+32.19
D = 5° 00' 00.00"
I = 38° 32' 14.89" (RT)
T = 400.59
R = 1,145.92
L = 770.75
LC = 756.30
E = 68.00
PC STA 10347+31.60
PT STA 10355+02.34
10350+00
FM 2181
VEAL SPRINGS CREEK
PROP. LT ROW
EXIST. LT ROW
EXIST. RT ROW
PROP. RT ROW
EXIST. ℄ FM 2181
PROP. ℄ FM 2181
PROPOSED
19'x30'
DRAINAGE
EASEMENT
63-LV
JOHN M. BATSCH
VOL. 4663, PG. 607
EXISTING
30' WIDE
DRAINAGE
EASEMENT
65' PROP. ROW
70' PROP. ROW
2.00%
2.00%
DAVID L. FAIR
VOL. 1080, PG. 730
100' EXIST. ROW
135' PROP. ROW
PROPOSED
30'x80'
DRAINAGE
EASEMENT
10355+00
64-LV
BURL A. JOHNSON
WANDA J. JOHNSON
VOL. 582, PG. 670
PT STA 10355+02.34
℄ FM 2181 STA 10355+62.77
EXIST. 42" RCP
PROP. 2-6'X3' RCBC
570
565
560
555
550
545
MATCH LINE STA 10357+00 CSJ: 2054-02-015,016


N
W
E
S
FEET
0
50
100
200



LEGEND

— - — - —	CENTERLINE - ℄
— — — —	EXIST. GROUND @ ℄
—— - - ——	EXIST. ROW
- - - - - -	EXIST. DRNG. ESMT.
━━ - - ━━	PROPOSED ROW
- - - - - -	PROPOSED DRNG. ESMT.
------------	PROPOSED CONST. ESMT
▨	IMPACTED BUILDING
	HANDICAP RAMP
60' PROP. ROW	ROW DIMENSIONING FROM PROP. ℄ TO PROP. ROW

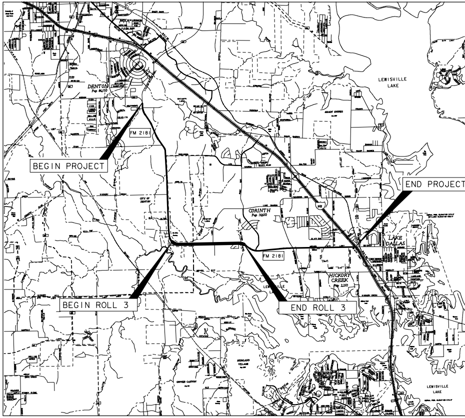
NOTES:

1. ADA RAMPS SHALL BE PLACED AT ALL INTERSECTIONS. MAXIMUM CROSS SLOPE FOR SIDEWALKS WILL BE 1.5%. PROPOSED SIDEWALKS TO BE INSTALLED ONLY WHERE THERE ARE EXISTING SIDWALKS.

2. EXISTING CONTOURS PROVIDED FOR PRELIMINARY REVIEW PURPOSES ONLY.

3. MEDIAN OPENINGS ARE APPROXIMATE AND SUBJECT TO CHANGES DURING COORDINATION WITH THE CITIES OF DENTON, CORINTH AND HICKORY CREEK.

4. TSS IMPACT TO JURISDICTIONAL WATERS TO BE ADDRESSED IN THE EROSION CONTROL PLANS AND SWPPP DURING CONSTRUCTION.


DENTON
Pop 86,530
FM 2181
BEGIN PROJECT
LEWISVILLE LAKE
END PROJECT
CORINTH
Pop 14,650
LAKE DALLAS
FM 2181
HICKORY CREEK
Pop 2,350
BEGIN ROLL 3
END ROLL 3
LEWISVILLE LAKE

KEY MAP
NTS

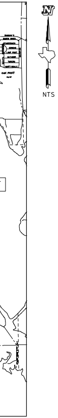
ROLL 3 OF 4
DESIGN SPEED : 40 mph

Texas Department of Transportation

DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER

DENTON COUNTY

DESIGN SCHEMATIC


N
CONCHO
LAMP POST
OAK POINT
NTS

FM 2181
FROM LILLIAN MILLER PARKWAY TO IH 35E

CSJ: 2054-02-015,016

DESIGN SPEED = 40 MPH
FUNCTIONAL CLASS: MINOR ARTERIAL
PROJECT LENGTH = 36,093.5 FT; 6.84 MILES
ROLL 3 OF 4
STA. 10275+00 TO STA. 10357+00

SCALE 1"=100'H, 1"=10'V

JULY 2006

HUITT~ZOLLARS
Huitt-Zollars, Inc.
3131 McKinney Avenue, Suite 600
Dallas, Texas 75204-2489

THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
KENNETH A ROBERTS, P.E. 55446
ON JULY 7, 2006

KENNETH A ROBERTS
55446

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