Texas Department of Transportation ®

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

DENTON COUNTY

# FM 1385

FROM: US 380 TO FM 455
CSJ: 1315-01-030

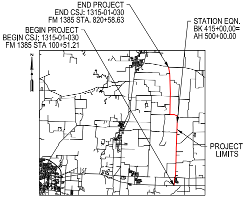
FUNCTIONAL CLASS: URBAN MAJOR COLLECTOR

DESIGN SPEED: 45 mph (FM 1385)
30 mph (CROSS-ST)

PROJECT LENGTH: 12.03 MILES

INDEX OF SHEETS:

ROLL 1: US 380 TO UNION PARK BLVD - STA 100+51.21 TO STA 170+00
ROLL 2: UNION PARK BLVD TO NORTH OF WINN RIDGE RD - STA 170+00 TO STA 245+00
ROLL 3: NORTH OF WINN RIDGE RD TO RANCHETTE RD - STA 245+00 TO STA 322+00
ROLL 4: RANCHETTE RD TO NORTH OF FM 428 WEST - STA 322+00 TO STA 397+00
ROLL 5: NORTH OF FM 428 WEST TO MUSTANG CREEK - STA 397+00 TO STA 558+00
ROLL 6: MUSTAND CREEK TO NORTH OF JOE ALLEN RD - STA 558+00 TO STA 635+00
ROLL 7: NORTH OF JOE ALLEN RD TO NORTH OF FRIENDSHIP RD - STA 635+00 TO STA 713+00
ROLL 8: NORTH OF FRIENDSHIP RD TO STRITTMATTER RD - STA 713+00 TO STA 791+00
ROLL 9: STRITTMATTER RD TO FM 455 - STA 791+00 TO STA 820+58.63


END PROJECT
END CSJ: 1315-01-030
FM 1385 STA. 820+58.63
BEGIN PROJECT
BEGIN CSJ: 1315-01-030
FM 1385 STA 100+51.21
STATION EQN.
BK 415+00.00=
AH 500+00.00
N
PROJECT LIMITS

DENTON COUNTY
LOCATION MAP
N.T.S.

SEPTEMBER 2020

HORIZ SCALE: 1"=100'
0 50 100 150 200
VERTICAL SCALE: 1"=10'
0 5 10 15 20

HOWARD COLUMBUS GIBBS III, P.E.
(TX PE NO. 100239)

DATE SUBMITTED
9/11/2020

DATE APPROVED

DATE REVISED

NOT INTENDED FOR
CONSTRUCTION,
BIDDING, OR
PERMIT PURPOSES

ROLL 1 OF 9

Lina T. Ramey & Associates, Inc.
3320 Belt Line Rd
Farmers Branch, Texas 75234
TBPE Registration No. F-782

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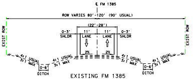
LEGEND:

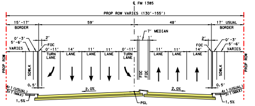
| | |
|---|---|
| 🟨 | PROPOSED MAINLANES |
| ▭ | PROPOSED CROSS STREETS |
| 🟪 | PROPOSED DRIVEWAYS |
| ▬ | PROPOSED SIDEWALKS |
| 🟧 | PROPOSED BRIDGE STRUCTURES |
| ▨ | PAVEMENT REMOVAL |
| ▨ | DISPLACEMENTS |
| - - - | APPARENT EXISTING ROW |
| - · - | PROPOSED ROW |
| — · — | PROPOSED CENTERLINE/BASELINE |
| - - - | EXISTING EASEMENT |
| ▬ | 100 YR FLOODPLAIN LIMITS |
| ▨ | FLOODWAY LIMITS |
| - - - | FUTURE PROJECT (BY OTHERS) |
| — | STREAM FLOW |
| → | DIRECTION OF TRAVEL |
| - - - | EXISTING CULVERT |
| — | PROPOSED CULVERT |
| (XXX-X) | CURVE NUMBER |
| (XX) | PROPERTY OWNERSHIP LABELS |

NOTES:

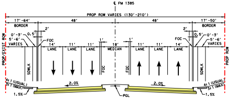
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON EXISTING PLANS AND AERIAL SURVEYS DATED APRIL 2020 AND RECORD PLANS
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
4. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB UNLESS NOTED OTHERWISE.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP 48121C0270G.
6. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM FIELD SURREY FOR INFORMATIONAL PURPOSES ONLY.
7. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
8. ALL CURBS ARE TYPE II (6") (UNLESS NOTED OTHERWISE).
9. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
10. WB-62 DESIGN VEHICLE WAS USED IN EVALUATION OF TURNING MOVEMENTS.
11. TRAFFIC VOLUMES BASED ON TRAFFIC COUNTS AND GROWTH RATES PROVIDED BY TP&P. TRAFFIC VOLUMES APPROVED BY TXDOT TP&P (MARCH 2020).
12. AS PER MUTCD REQUIREMENTS, A TRAFFIC SIGNAL WARRANT ANALYSIS WILL BE REQUIRED AFTER INTERSECTIONS ARE CONSTRUCTED TO JUSTIFY THE INSTALLATION OF TRAFFIC SIGNALS.
14. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (AUGUST 2020).


℄ FM 1385
ROW VARIES 80'-120' (90' USUAL)
(22'-28')
0-3' SHLDR
11' LANE
11' LANE
0-3' SHLDR
2%
2%
EXIST ROW
EXIST ROW
4:1 USUAL 3:1 MAX
0-6' DITCH

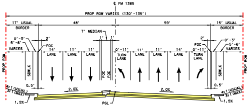
EXISTING FM 1385
TYPICAL SECTION


℄ FM 1385
PROP ROW VARIES (130'-155')
15'-17' BORDER
59'
48'
17' USUAL BORDER
7' MEDIAN
0'-3' 5'-6' VARIES
2'
FOC
0'-11' TURN LANE
14' LANE
11' LANE
11' LANE
SDWLK
FOC
PROP ROW
0.5'
4:1 (USUAL) 3:1 (MAX)
2.0%
1.5%
PGL

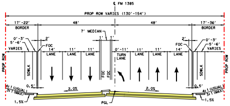
PROPOSED FM 1385
TYPICAL SECTION
STA 112+12 TO 115+92
STA 148+53 TO 152+97
STA 165+81 TO 170+30


℄ FM 1385
PROP ROW VARIES (130'-210')
17'-64' BORDER
48'
48'
17'-50' BORDER
0'-3' 5'-6' VARIES
2'
FOC
14' LANE
11' LANE
11' LANE
18' MEDIAN
SDWLK
PROP/EXIST ROW
PROP ROW
4:1 (USUAL) 3:1 (MAX)
2.0%
1.5%
PGL

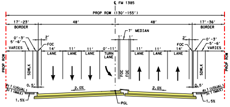
PROPOSED FM 1385
TYPICAL SECTION
STA 100+84 TO 101+88
STA 116+62 TO 118+34
STA 152+97 TO 153+19
STA 160+36 TO 161+33
STA 170+30 TO 172+08


℄ FM 1385
PROP ROW VARIES (130'-135')
17' USUAL BORDER
48'
59'
15' USUAL BORDER
7' MEDIAN
0'-3' 5'-6' VARIES
FOC
14' LANE
11' LANE
0'-11' TURN LANE
SDWLK
PROP ROW
4:1 (USUAL) 3:1 (MAX)
2.0%
1.5%
PGL

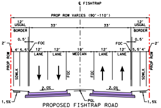
PROPOSED FM 1385
TYPICAL SECTION
STA 120+41 TO 122+83


℄ FM 1385
PROP ROW VARIES (130'-154')
17'-22' BORDER
48'
48'
17'-36' BORDER
7' MEDIAN
0'-3' 5'-6' VARIES
2'
FOC
14' LANE
11' LANE
11' LANE
0'-11' TURN LANE
SDWLK
PROP ROW
4:1 (USUAL) 3:1 (MAX)
2.0%
1.5%
PGL

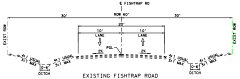
PROPOSED FM 1385
TYPICAL SECTION
STA 101+88 TO 103+49
STA 106+64 TO 110+80
STA 118+34 TO 120+41
STA 128+01 TO 132+48
STA 136+08 TO 140+13
STA 153+17 TO 156+36
STA 161+33 TO 164+51


℄ FM 1385
PROP ROW (130'-155')
17'-23' BORDER
48'
48'
17'-36' BORDER
7' MEDIAN
0'-3' 5'-6' VARIES
2'
FOC
14' LANE
11' LANE
11' LANE
0'-11' TURN LANE
SDWLK
PROP ROW
4:1 (USUAL) 3:1 (MAX)
2.0%
1.5%
PGL

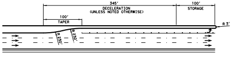
PROPOSED FM 1385
TYPICAL SECTION
STA 104+40 TO 106+64
STA 115+92 TO 116+62
STA 124+14 TO 128+01
STA 133+29 TO 136+08
STA 157+17 TO 160+36


℄ FISHTRAP
PROP ROW VARIES (90'-110')
12' USUAL BORDER
33'
33'
12' USUAL BORDER
0.5'
2'
FOC
4' 5.5'
12' LANE
12' LANE
18' MEDIAN
SDWLK
PROP ROW
2.0%
1.5%
PGL

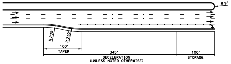
PROPOSED FISHTRAP ROAD
TYPICAL SECTION


℄ FISHTRAP RD
ROW 60'
30'
30'
20'
10' LANE
10' LANE
PGL
2%
2%
EXIST ROW
4:1 USUAL 3:1 MAX
0-6' DITCH

EXISTING FISHTRAP ROAD
TYPICAL SECTION


345'
DECELERATION (UNLESS NOTED OTHERWISE)
100' STORAGE
100' TAPER
R 3'
R 230'
R 230'

TYPICAL LEFT-TURN BAY DETAILS (45 MPH)
N.T.S


R 9'
R 230'
R 230'
100' TAPER
345'
DECELERATION (UNLESS NOTED OTHERWISE)
100' STORAGE

TYPICAL RIGHT-TURN BAY DETAILS (45 MPH)
N.T.S

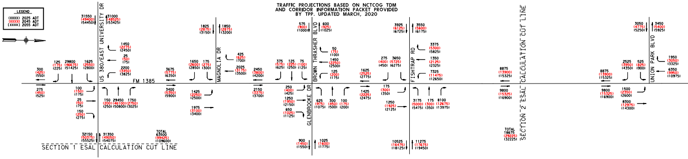
HORIZONTAL ALIGNMENT DATA

| CHAIN NO. | POT STA | POT-NORTHING | POT-EASTING | BEARING | POT STA | POT-NORTHING | POT-EASTING |
|---|---|---|---|---|---|---|---|
| FM1385 | 99+97.08 | 7,131,426.41 | 2,458,739.59 | N 5° 14' 36.37" E | -- | -- | -- |
| FM1385 | -- | -- | -- | N 2° 11' 23.88" E | 415+00.00 | 7,162,615.14 | 2,460,342.86 |
| FISHTRAP | 10+00.00 | 7,135,619.44 | 2,458,292.85 | S 89° 25' 49.18" E | -- | -- | -- |
| | -- | -- | -- | S 60° 22' 08.39" E | 21+06.32 | 7,135,416.41 | 2,459,352.70 |
| GEERD | 10+00.00 | 7,135,506.37 | 2,461,571.22 | N 88° 04' 32.11" W | -- | -- | -- |

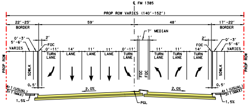
CURVE DATA TABLE

| CURVE NO. | DELTA | DEGREE | TANGENT | LENGTH | RADUIS | PI STA | PC STA | PT STA |
|---|---|---|---|---|---|---|---|---|
| FM1385-1 | 3° 38' 46.40" (RT) | 0° 59' 59.95" | 182.37' | 364.63' | 5729.65' | 107+10.45 | 105+28.08 | 108+92.70 |
| FM1385-2 | 7° 23' 43.70" (LT) | 4° 59' 54.29" | 74.08' | 147.96' | 1146.28' | 115+89.90 | 115+15.82 | 116+63.77 |
| FM1385-3 | 28° 08' 12.54" (RT) | 3° 10' 59.16" | 451.07' | 883.94' | 1800.00' | 133+64.94 | 129+13.86 | 137+97.81 |
| FM1385-4 | 22° 44' 52.83" (RT) | 4° 16' 32.90" | 269.56' | 532.02' | 1340.00' | 145+09.27 | 142+39.71 | 147+71.73 |
| FM1385-5 | 39° 08' 00.47" (RT) | 5° 27' 24.27" | 373.2' | 717.16' | 1050.00' | 151+44.93 | 147+71.73 | 154+88.89 |
| FISHTRAP-1 | 5° 21' 02.59" (LT) | 2° 51' 53.24" | 93.46' | 186.78' | 2000.00' | 13+18.48 | 12+25.02 | 14+11.80 |
| FISHTRAP-2 | 34° 24' 43.38" (RT) | 7° 09' 43.10" | 247.73 | 480.48 | 800.00' | 16+59.53 | 14+11.80 | 18+92.28 |
| GEERD-1 | 50° 27' 46.94" (RT) | 5° 27' 24.27" | 494.80' | 924.78' | 1050.00' | 24+94.80 | 20+00.00 | 29+24.78 |

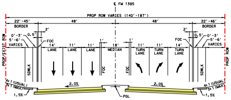
TRAFFIC PROJECTIONS BASED ON NCTCOG TDM
AND CORRIDOR INFORMATION PACKET PROVIDED
BY TPP. UPDATED MARCH, 2020


LEGEND
(XXXX) 2025 ADT
(XXXX) 2045 ADT
(XXXX) 2055 ADT
US 380/EAST UNIVERSITY DR
MAGNOLIA DR
BROWN THRASHER BLVD
GLENBROOKE DR
FISHTRAP RD
UNION PARK BLVD
FM 1385
SECTION 1 ESAL CALCULATION CUT LINE
SECTION 2 ESAL CALCULATION CUT LINE
TOTAL 63500 (99425) (109600)
TOTAL 18675 (29225) (32225)

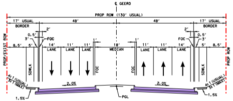
TRAFFIC DIAGRAM - FM 1385
N.T.S.


℄ FM 1385
PROP ROW VARIES (140'-152')
22'-23' BORDER
59'
48'
17'-22' BORDER
7' MEDIAN
0'-3'
5'-6'
VARIES
FOC
TURN LANE
LANE
SDWLK
PROP ROW
0.5'
2.0%
4:1 (USUAL)
3:1 (MAX)
1.5%
PGL

PROPOSED FM 1385
TYPICAL SECTION
STA 141+65 TO 146+09


℄ FM 1385
PROP ROW VARIES (140'-187')
22'-45' BORDER
48'
48'
22'-46' BORDER
0'-3'
5'-6'
VARIES
FOC
LANE
18' MEDIAN
TURN LANE
SDWLK
PROP/EXIST ROW
2.0%
4:1 (USUAL)
3:1 (MAX)
1.5%
PGL

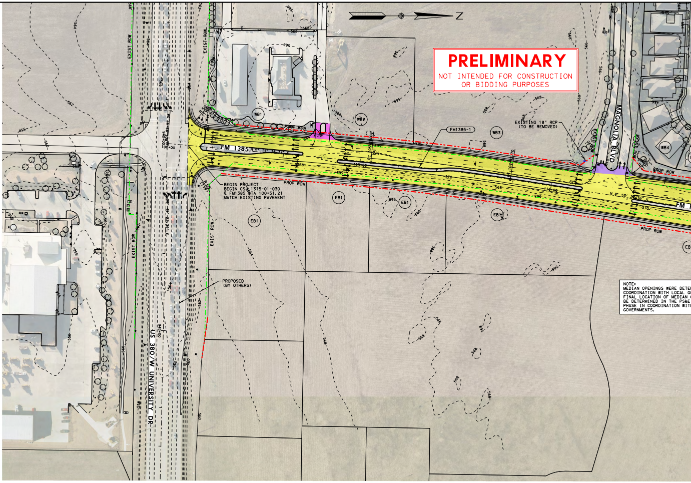
PROPOSED FM 1385
TYPICAL SECTION
STA 146+09 TO 146+78


℄ GEERD
PROP ROW (130' USUAL)
17' USUAL BORDER
48'
48'
17' USUAL BORDER
FOC
LANE
18' MEDIAN
SDWLK
PROP/EXIST ROW
PROP ROW
2.0%
4:1 (USUAL)
3:1 (MAX)
1.5%
PGL

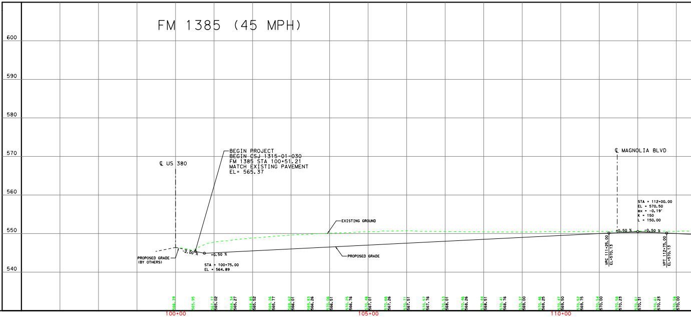
PROPOSED GEE ROAD
TYPICAL SECTION

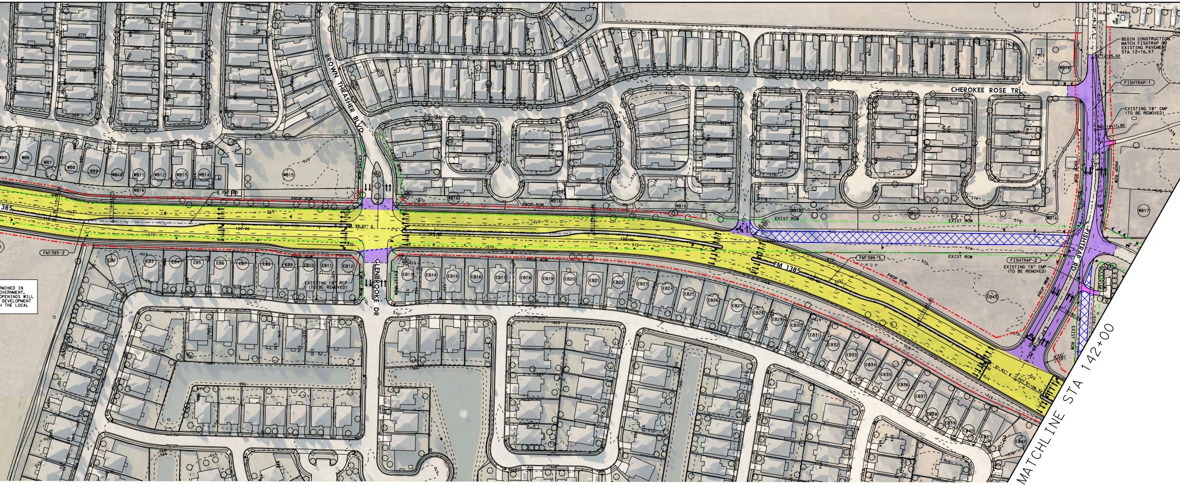
| PROP ID | NAME | MAILING ADDRESS |
|---|---|---|
| EB1 | WESTSIDE RE INVESTORS LP | 15700 STATE HIGHWAY 121 |
| EB2 | WILLIAM G WESTHOFF | 1110 ENGLISH IVY DR |
| EB3 | ADRIAN & AKESHIA FULLER | 1100 ENGLISH IVY DR |
| EB4 | JOHN DAVID & CASI DAWN CURINGTON | 1080 ENGLISH IVY DR |
| EB5 | GLEN S CURTIS & R ANN CURTIS, J COURTNEY CURTIS | 1070 ENGLISH IVY DR |
| EB6 | TRI & TON, HIEU Q DANG | 12227 GENOVA CT |
| EB7 | DOUGLAS SR BOYD | 1050 ENGLISH IVY DR |
| EB8 | P4 SFR PROPERTY OWNER 1 LLC | PO BOX 4090 |
| EB9 | HEATHER M BROADWATER | 1030 ENGLISH IVY DR |
| EB10 | JAMES C, XIAOZHEN & MADDOX QIN | 12520 PLEASANT GROVE DR |
| EB11 | PROGRESS RESIDENTIAL BORROWER 12 LLC | PO BOX 4090 |
| EB12 | KAREN HECKEL | 1000 ENGLISH IVY DR |
| EB13 | TANYA EAST | 980 ENGLISH IVY DR |
| EB14 | MA THERESA & DAVID A SENINA | 970 ENGLISH IVY DR |
| EB15 | TORONZO & BLANCHE HEATHER LEGGETT | 960 ENGLISH IVY DR |
| EB16 | TONY J & JULIE COOPER | 950 ENGLISH IVY DR |
| EB17 | NATHAN D JOHNSON | 940 ENGLISH IVY DR |
| EB18 | MOUNIKA MUTYALA | 930 ENGLISH IVY DR |
| EB19 | SHAYAN & SHAUKAT, ALIYA KHAN | 920 ENGLISH IVY DR |
| EB20 | DAVID DIAZ | 1760 OLD CHEESEQUAKE RD |
| EB21 | SOMPHAVANH & SOMSIRI, PAWARISA & SIVIXAY, KHAMHOUNE ETAL SAYCHIEN | 900 ENGLISH IVY DR |
| EB22 | SHANNON LEIGH LOKEY | 870 ENGLISH IVY DR |
| EB23 | JOHN T & JANICE J DIBBLE | 860 ENGLISH IVY DR |
| EB24 | PATRICK NAWAZKHAN | 850 ENGLISH IVY DR |
| EB25 | ANDREW CHARLES HARLEY & KEISHA LEANNE BLISS | 840 ENGLISH IVY DR |
| EB26 | MILES T & KELSEY B PEREZ | 830 ENGLISH IVY DR |
| EB27 | MICHAEL D & ANGEL R SMITH | 820 ENGLISH IVY DR |
| EB28 | LAWTON DALEY & TABITHA SUZANNE BIGGERS | 810 ENGLISH IVY DR |
| EB29 | RICHARD SODACHANH | 700 W VAN BUREN ST APT 807 |
| EB30 | JUSTIN & LAUREN YOUNG | 790 ENGLISH IVY DR |
| EB31 | YOLANDA R CALDERON | 780 ENGLISH IVY DR |
| EB32 | MIKE & DIANNE VELASCO | 770 ENGLISH IVY DR |
| EB33 | JOSE R JR & ARIANA L VILLALOBOS | 760 ENGLISH IVY DR |
| EB34 | WALTER A BETZ | 750 ENGLISH IVY DR |
| EB35 | CAROL CANTERBURY | 740 ENGLISH IVY DR |
| EB36 | ARCHIE & TRINH OLIVIER | 730 ENGLISH IVY DR |
| EB37 | CORONEL ALBERT REGINALD P & MARY ANGELINE A TRS CORONEL FAMILY TRUST | 1211 HOPLAND CT |
| EB38 | JIMMY TAN | 710 ENGLISH IVY DR |
| EB39 | CHRISTOPHER JOHN CASIM | 700 ENGLISH IVY DR |
| EB40 | KWJW REAL ESTATE HOLDINGS | 19708 NORTHWEST FWY STE 2800 |
| EB41 | KASHA BACHAR | 680 ENGLISH IVY DR |
| EB42 | CHARLES & JENNIFER MILLER | 5710 COVENTRY DR |
| EB43 | HALIBUT LTD | 3008 E HEBRON PKWY STE 300 |
| EB44 | GLENBROOKE ESTATES HOMEOWNERS ASSOCIATION INC | 3102 OAK LAWN AVE STE 202 |
| EB45 | TOWN OF PROSPER | PO BOX 307 |
| EB46 | THE PRESERVE AT DOE CREEK HOA | 405 STATE HIGHWAY 121 STE A-210 |
| EB47 | RED FISH BLUE FISH P/S FUND LTD | 701 N CENTRAL EXPY STE 300 BLDG 3 |
| EB48 | WEST PROSPER VILLAGE PARTNERS LP | 1201 N RIVERFRONT BLVD |
| EB49 | MICHAEL P SMITH | 2004 DOVE CREEK CIR |
| EB50 | LEIDECKER NOLES PROPERTIES LTD | 1998 FM 1385 |
| EB51 | JULIO RODRIGUEZ | 2100 DOVE CREEK CIR |
| EB52 | LEIDECKER PROPERTIES LTD | 1998 FM 1385 |
| WB1 | BIG DIAMOND LLC | PO BOX 691490 |
| WB2 | BLUESTONE SCHOOLS LLC | 10215 JAMES RYAN WAY |
| WB3 | MEZZO OWNER LLC | 2001 SUMMIT PARK DR STE 300 |
| WB4 | ROBINSON, WILLIAM & GEISINER, MORGAN | 1836 AZALEA DR |
| WB5 | LISA M & KYLE C BURCH | 1000 BELL MANOR DR |
| WB6 | HESSE, SUSAN L RT BETTY JANE SILVA HUYETTE | 760 E NORTHSIDE DR |
| WB7 | BALL, R JASON & CRYSTAL L | 1008 BELL MANOR DR |
| WB8 | STEVE H JR YODER | 1012 BELL MANOR DR |
| WB9 | MICHIGAN HORIZONS, LLC | 2221 JUSTIN RD STE 119 |
| WB10 | BRUNO LOPEZ | 1100 BELL MANOR DR |
| WB11 | CHRISTOPHER & SUSAN MARX | 1104 BELL MANOR DR |
| WB12 | GLUNT FARMS INC | 2123 HIGHWAY 50 |
| WB13 | ALAN & KAREN COVINGTON | 1112 BELL MANOR DR |
| WB14 | BRIAN & WHITE, TANYA KRUEGER | 1116 BELL MANOR DR |
| WB15 | SAVANNAH COMMUNITY ASSOCIATION | 3102 OAK LAWN AVE STE 202 |
| WB16 | DENTON CO FRESH WATER SUPPLY DIST 10 | 19 BRIAR HOLLOW LN STE 245 |
| WB17 | ARKA FISH TRAP INVESTMENTS | 8619 LOHR VALLEY RD |
| WB18 | CLEO IRENE SMIRL | 1711 FM 1385 |
| WB19 | WALTER E SMIRL | 1733 FM 1385 |
| WB20 | ROLLINGHOUSE PROPERTIES LP | 3930 GLADE RD STE 108 |
| WB21 | SHANE MORRELL | 1875 FM 1385 |
| WB22 | MILDRED MAY LOYD | 1953 FM 1385 |
| WB23 | H4 LITTLE ELM LP | ATTN: LAURIE D ZIRPEL |

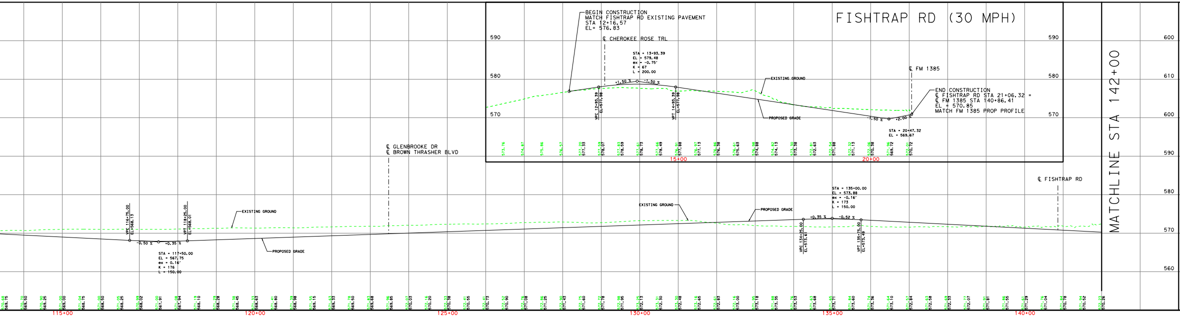
MATCHLINE
8300 (13000) (14300)
8825 (13800) (15200)

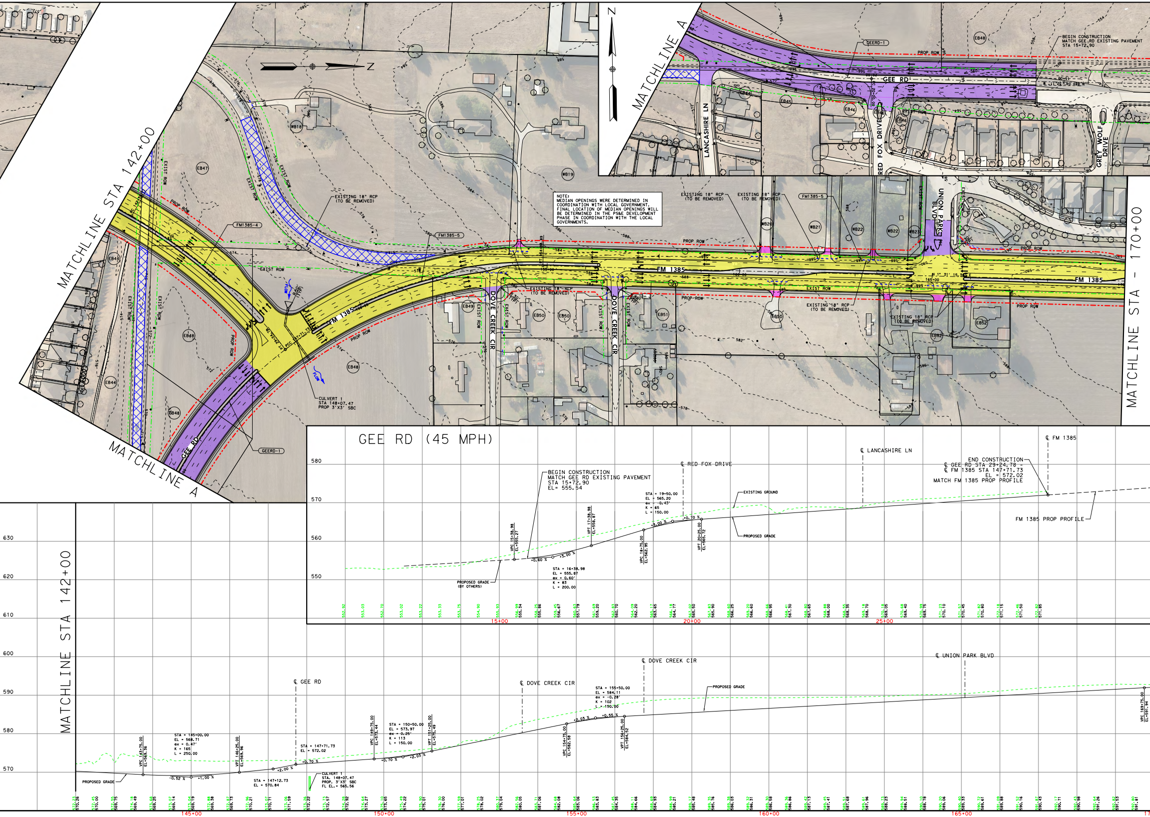

N
EXIST ROW
EXIST-ROW
US 380/W UNIVERSITY DR
FM 1385
MAGNOLIA BLVD
PROP ROW
FM1385-1
EXISTING 18" RCP (TO BE REMOVED)
BEGIN PROJECT
BEGIN CSJ 1315-01-030
℄ FM1385 STA 100+51.21
MATCH EXISTING PAVEMENT
PROPOSED (BY OTHERS)
100+00
110+00
WB1
WB2
WB3
WB4
EB1
NOTE:
MEDIAN OPENINGS WERE DETE
COORDINATION WITH LOCAL G
FINAL LOCATION OF MEDIAN
BE DETERMINED IN THE PS&E
PHASE IN COORDINATION WIT
GOVERNMENTS.

PRELIMINARY
NOT INTENDED FOR CONSTRUCTION
OR BIDDING PURPOSES

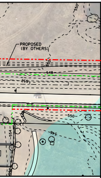



BROWN THRASHER BLVD
CHEROKEE ROSE TRL
BEGIN CONSTRUCTION
MATCH FISHTRAP RD
EXISTING PAVEMENT
STA 12+16.57
PC 12+25.02
FISHTRAP-1
EXISTING 18" CMP
(TO BE REMOVED)
PRC 14+11.80
PROP ROW
EXIST ROW
WB5
WB6
WB7
WB8
WB9
WB10
WB11
WB12
WB13
WB14
WB15
WB16
WB17
℄ FM1385
FM1385-2
120+00
125+00
130+00
EB2
EB3
EB4
EB5
EB6
EB7
EB8
EB9
EB10
EB11
EB12
EB13
EB14
EB15
EB16
EB17
EB18
EB19
EB20
EB21
EB22
EB23
EB24
EB25
EB26
EB27
EB28
EB29
EB30
EB31
EB32
EB33
EB34
EB35
EB36
EB37
EB38
EB39
EB40
EB41
EB42
EB43
EXISTING 18" RCP
(TO BE REMOVED)
GLENBROOKE DR
FM 1385
FM1385-3
FISHTRAP-2
EXISTING 18" CMP
(TO BE REMOVED)
FISHTRAP RD
RMINED IN
OVERNMENT.
OPENINGS WILL
DEVELOPMENT
H THE LOCAL
MATCHLINE STA 142+00


FISHTRAP RD (30 MPH)
BEGIN CONSTRUCTION
MATCH FISHTRAP RD EXISTING PAVEMENT
STA 12+16.57
EL= 576.83
℄ CHEROKEE ROSE TRL
STA = 13+93.39
EL = 579.48
ex = -0.75'
K = 67
L = 200.00
+1.50 %
-1.50 %
VPC 12+93.39
EL=577.98
VPT 14+93.39
EL=577.98
EXISTING GROUND
PROPOSED GRADE
℄ FM 1385
END CONSTRUCTION
℄ FISHTRAP RD STA 21+06.32 =
℄ FM 1385 STA 140+86.41
EL = 570.85
MATCH FM 1385 PROP PROFILE
-1.50 %
+2.00 %
STA = 20+47.32
EL = 569.67
590
580
570
15+00
20+00
℄ GLENBROOKE DR
℄ BROWN THRASHER BLVD
VPC 116+75.00
EL=568.13
VPT 118+25.00
EL=568.01
-0.50 %
+0.35 %
STA = 117+50.00
EL = 567.75
ex = 0.16'
K = 176
L = 150.00
EXISTING GROUND
PROPOSED GRADE
STA = 135+00.00
EL = 573.88
ex = -0.16'
K = 173
L = 150.00
+0.35 %
-0.52 %
VPC 134+25.00
EL=573.61
VPT 135+75.00
EL=573.49
℄ FISHTRAP RD
600
610
600
590
580
570
560
115+00
120+00
125+00
130+00
135+00
140+00
MATCHLINE STA 142+00


MATCHLINE STA 142+00
MATCHLINE A
MATCHLINE STA - 170+00
N
FM 1385
GEE RD
LANCASHIRE LN
RED FOX DRIVE
GREY WOLF DRIVE
DOVE CREEK CIR
UNION PARK BLVD
EXIST ROW
PROP ROW
FM1385-4
FM1385-5
GEERD-1
EB44
EB45
EB46
EB47
EB48
EB49
EB50
EB51
EB52
WB18
WB19
WB20
WB21
WB22
WB23
EXISTING 18" RCP (TO BE REMOVED)
CULVERT 1 STA 148+07.47 PROP 3'X3' SBC
FLOW
BEGIN CONSTRUCTION MATCH GEE RD EXISTING PAVEMENT STA 15+72.90
GEE RD (45 MPH)
BEGIN CONSTRUCTION MATCH GEE RD EXISTING PAVEMENT STA 15+72.90 EL= 555.54
℄ RED FOX DRIVE
℄ LANCASHIRE LN
℄ FM 1385
END CONSTRUCTION
℄ GEE RD STA 29+24.78 -
℄ FM 1385 STA 147+71.73
EL = 572.02
MATCH FM 1385 PROP PROFILE
FM 1385 PROP PROFILE
EXISTING GROUND
PROPOSED GRADE
PROPOSED GRADE (BY OTHERS)
VPC 15+38.98 EL=555.27
VPT 17+38.98 EL=558.87
STA = 16+38.98
EL = 555.87
ex = 0.60'
K = 83
L = 200.00
+0.60 %
+3.00 %
VPC 18+75.00 EL=562.95
STA = 19+50.00
EL = 565.20
ex = -0.43'
K = 65
L = 150.00
+0.70 %
VPT 20+25.00 EL=565.72
580
570
560
550
15+00
20+00
25+00
630
620
610
600
590
580
570
℄ GEE RD
PROPOSED GRADE
VPC 143+75.00 EL=569.36
STA = 145+00.00
EL = 568.71
ex = 0.47'
K = 165
L = 250.00
-0.52 %
+1.00 %
VPT 146+25.00 EL=569.96
STA = 147+12.73
EL = 570.84
+2.00 %
STA = 147+71.73
EL = 572.02
+0.70 %
CULVERT 1
STA. 148+07.47
PROP. 3'X3' SBC
FL EL.= 565.56
VPC 149+75.00 EL=573.44
STA = 150+50.00
EL = 573.97
ex = 0.25'
K = 113
L = 150.00
+2.03 %
VPT 151+25.00 EL=575.49
℄ DOVE CREEK CIR
℄ DOVE CREEK CIR
VPC 154+75.00 EL=582.58
STA = 155+50.00
EL = 584.11
ex = -0.28'
K = 102
L = 150.00
+0.55 %
VPT 156+25.00 EL=584.52
℄ UNION PARK BLVD
VPC 169+75.00 EL=591.94
145+00
150+00
155+00
160+00
165+00

NOTE:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.


PROPOSED
(BY OTHERS)
550
550
548
552
550
546
554
550

# Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E.
DISTRICT ENGINEER
DENTON COUNTY

# FM 1385

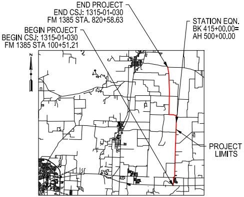
## FROM: US 380 TO FM 455
## CSJ: 1315-01-030

FUNCTIONAL CLASS: URBAN MAJOR COLLECTOR

DESIGN SPEED: 45 mph (FM 1385)
30 mph (CROSS-ST)

PROJECT LENGTH: 12.03 MILES

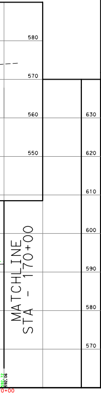
INDEX OF SHEETS:
ROLL 1: US 380 TO UNION PARK BLVD - STA 100+51.21 TO STA 170+00
ROLL 2: UNION PARK BLVD TO NORTH OF WINN RIDGE RD - STA 170+00 TO STA 245+00
ROLL 3: NORTH OF WINN RIDGE RD TO RANCHETTE RD - STA 245+00 TO STA 322+00
ROLL 4: RANCHETTE RD TO NORTH OF FM 428 WEST - STA 322+00 TO STA 397+00
ROLL 5: NORTH OF FM 428 WEST TO MUSTANG CREEK - STA 397+00 TO STA 558+00
ROLL 6: MUSTAND CREEK TO NORTH OF JOE ALLEN RD - STA 558+00 TO STA 635+00
ROLL 7: NORTH OF JOE ALLEN RD TO NORTH OF FRIENDSHIP RD - STA 635+00 TO STA 713+00
ROLL 8: NORTH OF FRIENDSHIP RD TO STRITTMATTER RD - STA 713+00 TO STA 791+00
ROLL 9: STRITTMATTER RD TO FM 455 - STA 791+00 TO STA 820+58.63


END PROJECT
END CSJ: 1315-01-030
FM 1385 STA. 820+58.63
STATION EQN.
BK 415+00.00=
AH 500+00.00
BEGIN PROJECT
BEGIN CSJ: 1315-01-030
FM 1385 STA 100+51.21
N
PROJECT
LIMITS

DENTON COUNTY

LOCATION MAP

N.T.S.


580
570
560
550
630
620
610
600
590
580
570
MATCHLINE
STA - 170+00
592.72
592.06
0+00

SEPTEMBER 2020

HORIZ SCALE: 1"=100'
0 50 100 150 200

VERTICAL SCALE: 1"=10'
0 5 10 15 20

HOWARD COLUMBUS GIBBS III, P.E.
(TX PE NO. 100239)

DATE SUBMITTED
9/11/2020

DATE APPROVED

DATE REVISED

NOT INTENDED FOR
CONSTRUCTION,
BIDDING, OR
PERMIT PURPOSES

ROLL 1 OF 9

LTRA
Lina T. Ramey & Associates, Inc.
3320 Belt Line Rd
Farmers Branch, Texas 75234
TBPE Registration No. F-782

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