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Texas Department
of Transportation

DALLAS DISTRICT
PRELIMINARY DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

FM 548 / FM 1641

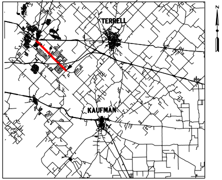
FROM: FM 1641 TO: US 80
CSJ: 2588-01-020
FROM: 548 TO: FM 148
CSJ: 1217-01-019

KAUFMAN COUNTY
FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
PROJECT LENGTH: 5.62 MILES
FM 1641 DESIGN SPEED: 45 MPH
CROSS-ST DESIGN SPEED: 30 MPH

BEGIN PROJECT
END CSJ: 2588-01-020
STA 10+00.00

BEGIN CSJ: 2588-01-020
STA 0+00
BEGIN CSJ: 1217-01-019
STA 10+00.00

END PROJECT
END CSJ: 1217-01-019
STA 296+80.00


TERRELL
KAUFMAN
N

KAUFMAN COUNTY
SCALE (IN MILES)
0 3 6 9 12
DALLAS DISTRICT

Scale: Horizontal 1"=100'
Scale: Vertical 1"=10'

JULY 2019

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

BARRY D. HEARD 85478
NAME P.E. NUMBER

KARA K. HUFFMAN 88525
NAME P.E. NUMBER

JULY 11, 2019
DATE

NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES

ROLL 1 OF 4

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

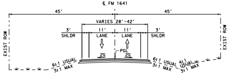
LEGEND:

🟨	PROPOSED MAINLANES
🟪	PROPOSED CROSS STREETS
▨	PROPOSED SIDEWALKS
-·-·-·-	EXISTING ROW
-·-·-·-	PROPOSED ROW
-·-·-·-	PROPOSED ROW BY OTHERS
-·-·-·-	PROPOSED CENTERLINE/BASELINE
- - - -	EXISTING EASEMENT
——	WATER LINE
- - - -	FUTURE PROJECT BY OTHERS
→	DIRECTION OF TRAVEL

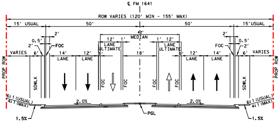
NOTES:

1. ADA RAMPS ARE NOT DEPICTED ON THE PLAN. THE EXACT LOCATIONS OF ADA RAMPS AND SIDEWALKS WILL BE DETERMINED DURING THE FINAL DESIGN THROUGH COORDINATION BETWEEN TxDOT AND LOCAL GOVERNMENTS.
2. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN AND COORDINATION WITH THE CITIES THAT THE DRIVEWAY WILL BE A SAFETY ISSUE.
3. MEDIAN OPENING LOCATIONS TO BE DETERMINED IN FINAL DESIGN.
4. UNLESS OTHERWISE NOTED, EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED.
5. DIMENSIONS ARE TO FACE OF CURB OR TO THE EDGE OF UNCURBED PAVEMENT (UNLESS OTHERWISE NOTED).
6. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP 48139C0050F.

CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STA	PC STA	PT STA
FM5481641-1	42° 23' 12.50" (RT)	4° 14' 19.25"	524.1249'	1,000.0000'	1,351.7362'	5+24.12	0+00.00	10+00.00
XFM548-1	4° 00' 49.61" (RT)	4° 35' 01.18"	43.8015'	87.5671'	1,250.00'	10+43.80	10+00.00	10+87.57
FM1641-1	23° 05' 35.92" (LT)	4° 14' 19.25"	276.1603'	544.8231'	1,351.74	12+76.16	10+00.00	15+44.82
FM1641-2	1° 09' 10.07" (RT)	0° 49' 06.64"	70.4228'	140.8408	7,000.00'	45+24.09	44+53.67	45+94.51
FM1641-3	1° 02' 29.05" (LT)	0° 49' 06.64"	63.6175'	127.2315'	7,000.00'	49+42.89	48+79.27	50+06.50
FM1641-4	5° 52' 26.44" (RT)	3° 25' 51.19"	85.6800'	171.2098'	1,670.00'	58+62.08	57+76.40	59+47.61
FM1641-5	10° 34' 03.91" (LT)	1° 25' 56.62"	369.9335	737.7684'	4,000.00'	64+49.25	60+79.32	68+17.09
FM1641-6	4° 15' 19.51" (RT)	1° 08' 45.30"	185.7631'	371.3554'	5,000.00'	73+76.97	71+91.21	75+62.56


℄ FM 1641
45'
45'
VARIES 28'-42'
3' SHLDR
11' LANE
11' LANE
3' SHLDR
EXIST ROW
EXIST ROW
PGL
2%
2%
6:1 USUAL
3:1 MAX
6:1 USUAL
3:1 MAX
4:1 USUAL
3:1 MAX

EXISTING FM 1641
NTS

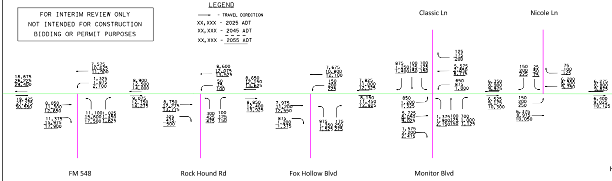

℄ FM 1641
ROW VARIES (120' MIN - 155' MAX)
15' USUAL
50'
50'
15' USUAL
42' MEDIAN
18'
VARIES
0.5'
2'
FOC
6'
14' LANE
12' LANE
12' LANE ULTIMATE
1'
SDWLK
FOC
PROP ROW
2.0%
2.0%
6:1 (USUAL)
4:1 (MAX)
1.5%
PGL

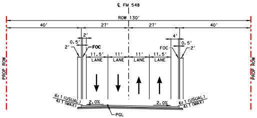
PROPOSED FM 1641
NTS

PROPERTY ID	NAME	MAILING ADDRESS
WB1	NFM 548 LLC	123 CENTRAL AVE NW, ALBUQUERQUE, NM 87102
WB2	NEW HORIZON ENTERPRISES INC	PO BOX 2633, FORNEY, TX 75126
WB3	MOUNTAINPRIZE INC	PO BOX 2437, SMYRNA, GA 30081-2437
WB4	WALLACE TERRELL/FOURNEY PROPERTIES LL	117 MANOR DR, HEATH, TX 75032
WB5	PARTNEY CHARLES F & GRETCHEN	2194 VZ CO RD 4707, BEN WHEELER, TX 75754-0387
WB6	C LIFE CHURCH	AKA COMMUNITY LIFE CHURCH, PO BOX 3209, FORNEY, TX 75126
WB7	L & K J GROUP INC	DBA CLASSIC CARWASH, 16066 O CONNER AVE, FORNEY, TX 75126
WB8	DAL BAC MFG CO	PO BOX 225, FORNEY, TX 75126
WB9	PETREA STACEY	PO BOX 1139, FORNEY, TX 75126
WB10	SEALY SW FORNEY LLC	SEALY ACQUISITIONS LLC, 333 TEXAS ST STE 1050, SHREVEPORT, LA 71101
WB11	FORNEY MEMORIAL VFW POST	PO BOX 1678, FORNEY , TX 75126
WB12	GUTIERREZ JOSE ALFREDO & MARIA	10874 FM 740, FORNEY, TX 75126
WB13	WILLIAMS KAREN	11816 CLASSIC LN, FORNEY, TX 75126
WB14	S K W HOLDINGS LTD	PO BOX 1917, FORNEY, TX 75126
WB15	ABOX PAPERBOARD	MIKE GOODY, PO BOX 2639, FORNEY, TX 75126
WB16	WOODS MARVIN & BRIDGITT	11625 NICOLE LN, FORNEY, TX 75126
WB17	MORROW RHONDA R	11610 NICOLE LANE, FORNEY, TX 75126
WB18	MC SPADDEN JOE E & KAREN	PO BOX 2607, FORNEY, TX 75126
EB1	S K W HOLDINGS LTD	PO BOX 1917, FORNEY, TX 75126
EB2	LUCKY THREE FORNEY CROSSING LLC	3471 MAIN HWY SUITE 411, MIAMI, FL 33133
EB3	MCA FORNEY INVESTMENT LTD	8350 N CENTRAL EXPRESSWAY, SUITE M-1020, DALLAS, TX 75206
EB4	BLERIOT FORNEY #1 LTD	12160 ABRAMS RD STE 509 LB 30, DALLAS, TX 75243
EB5	FORNEY ISD	600 S BOIS D ARC, FORNEY, TX 75126
EB6	FIRST PRESBYTERIAN CHURCH	KATHY COLLIER, PO BOX 98, FORNEY, TX 75126

FOR INTERIM REVIEW ONLY
NOT INTENDED FOR CONSTRUCTION
BIDDING OR PERMIT PURPOSES

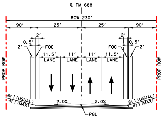
LEGEND
→ - TRAVEL DIRECTION
XX,XXX - 2025 ADT
XX,XXX - 2045 ADT
XX,XXX - 2055 ADT


Classic Ln
Nicole Ln
18,675
26,225
29,400
19,425
27,275
30,550
7,575
10,625
11,900
1,325
1,875
2,100
8,050
11,300
12,650
11,375
15,975
17,900
11,100
15,600
17,500
1,025
1,450
1,625
8,900
12,500
14,000
9,075
12,750
14,275
8,750
12,275
13,775
325
475
500
8,600
12,075
13,525
50
75
100
300
425
475
100
125
150
8,650
12,150
13,625
8,850
12,400
13,925
7,975
11,200
12,550
875
1,200
1,375
7,675
10,800
12,100
150
200
225
975
1,350
1,525
175
250
275
7,825
11,000
12,325
8,150
11,450
12,825
875
1,250
1,400
100
125
150
100
125
150
850
1,200
1,325
5,725
8,050
9,025
1,575
2,200
2,475
125
175
200
5,575
7,850
8,775
650
875
1,000
1,375
1,900
2,150
100
125
150
700
1,000
1,125
6,350
8,900
9,975
6,525
9,175
10,300
150
200
225
25
50
75
150
200
250
6,375
8,975
10,050
75
100
125
6,200
8,700
9,750
6,275
8,800
9,875
6,400
9,025
10,125
FM 548
Rock Hound Rd
Fox Hollow Blvd
Monitor Blvd


℄ FM 548
ROW 130'
40'
27'
27'
40'
PROP ROW
PROP ROW
2'
4'
0.5'
0.5'
2'
2'
FOC
FOC
11.5' LANE
11' LANE
11' LANE
11.5' LANE
6:1 (USUAL)
4:1 (MAX)
2.0%
2.0%
6:1 (USUAL)
4:1 (MAX)
PGL

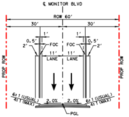
EXISTING/PROPOSED FM 548

NTS


℄ FM 688
ROW 230'
90'
25'
25'
90'
PROP ROW
PROP ROW
2'
2'
0.5'
0.5'
2'
2'
FOC
FOC
11.5' LANE
11' LANE
11' LANE
11.5' LANE
6:1 (USUAL)
4:1 (MAX)
2.0%
2.0%
6:1 (USUAL)
4:1 (MAX)
PGL

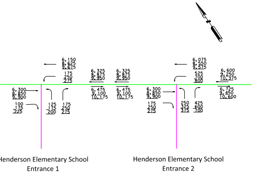
EXISTING/PROPOSED FM 688

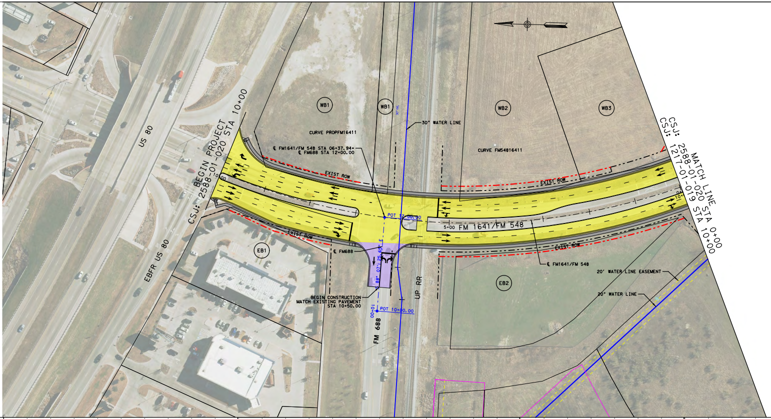
NTS

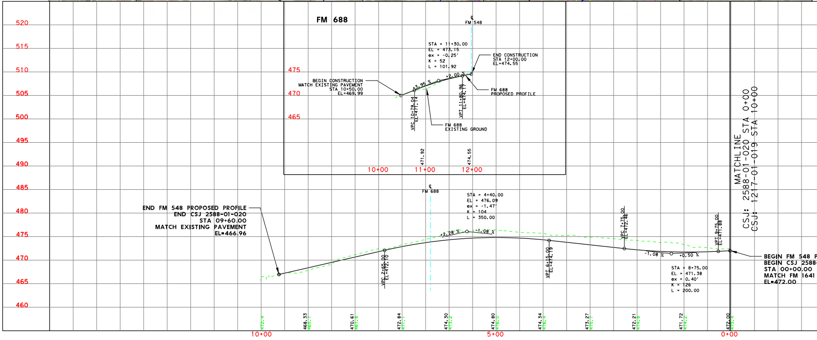

℄ MONITOR BLVD
ROW 60'
30'
30'
PROP ROW
PROP ROW
1'
1'
0.5'
0.5'
2'
2'
FOC
FOC
11' LANE
11' LANE
6:1 (USUAL)
4:1 (MAX)
2.0%
2.0%
6:1 (USUAL)
4:1 (MAX)
PGL

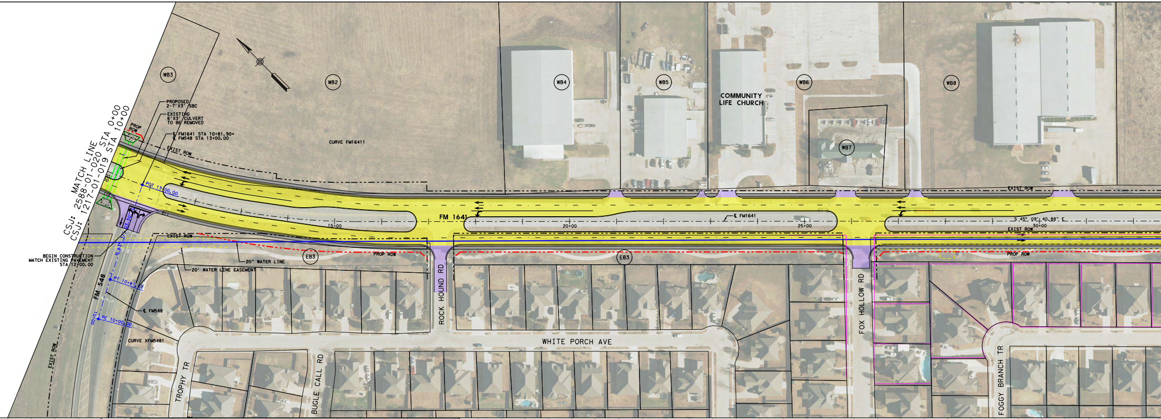
EXISTING/PROPOSED MONITOR BLVD

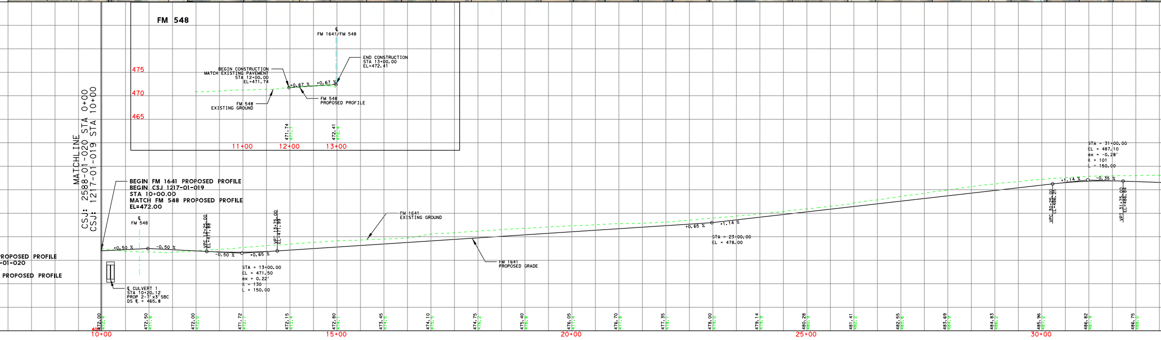
NTS

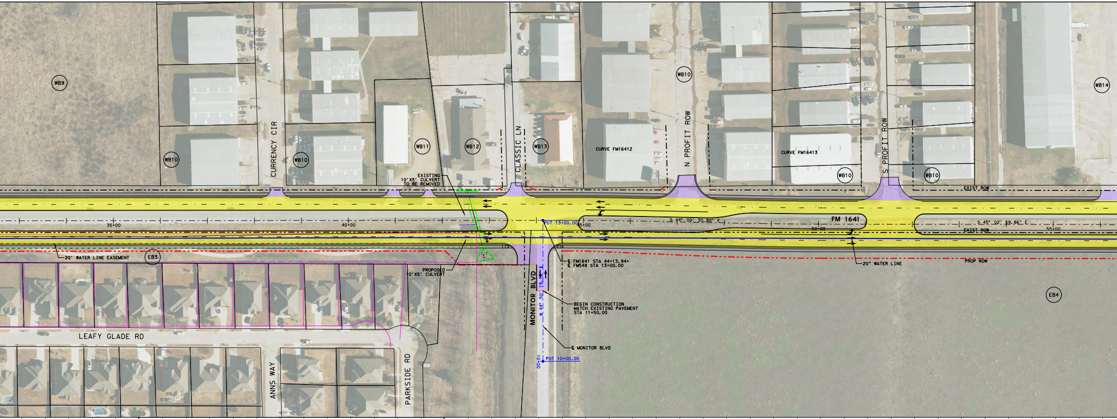

6,150 8,625 9,675
6,325 8,875 9,950
6,325 8,875 9,950
175 250 275
6,300 8,850 9,900
100 175 225
125 175 200
175 250 275
6,475 9,100 10,175
6,475 9,100 10,175
6,075 8,550 9,575
525 700 800
6,600 9,250 10,375
6,300 8,850 9,900
175 250 275
350 525 575
425 600 700
6,725 9,450 10,600
Henderson Elementary School
Entrance 1
Henderson Elementary School
Entrance 2

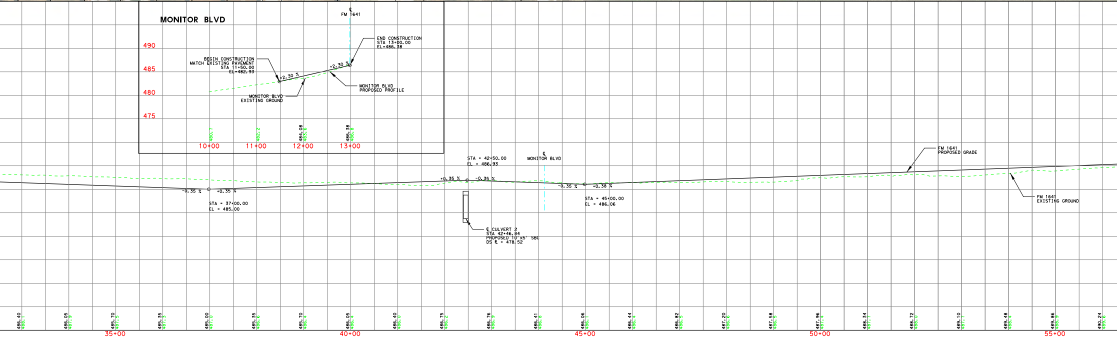

US 80
EBFR US 80
BEGIN PROJECT
CSJ: 2588-01-020 STA 10+00
WB1
WB1
WB2
WB3
EB1
EB2
30" WL
30" WATER LINE
CURVE PROPFM16411
CURVE FM54816411
℄ FM1641/FM 548 STA 06+37.94=
℄ FM688 STA 12+00.00
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
POT 12+00.00
5+00 FM 1641/FM 548
℄ FM688
℄ FM1641/FM 548
S 88° 07' 25.65" E
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 10+50.00
POT 10+00.00
10+00
FM 688
UP RR
20' WATER LINE EASEMENT
20" WATER LINE
MATCH LINE
CSJ: 2588-01-020 STA 0+00
CSJ: 1217-01-019 STA 10+00

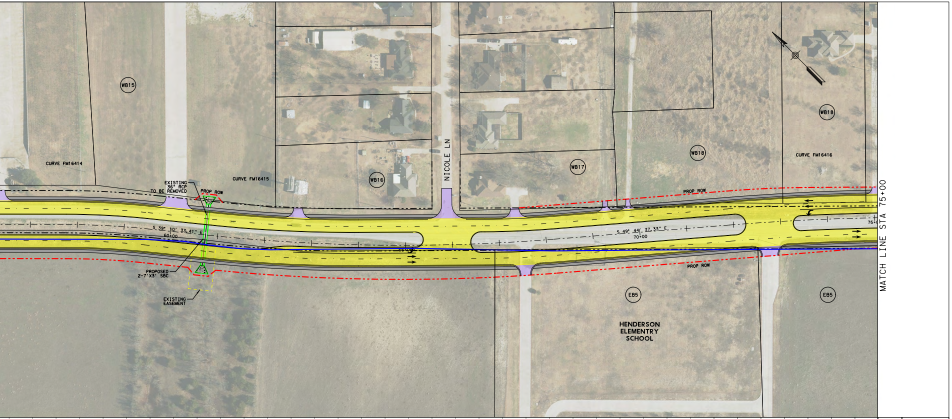


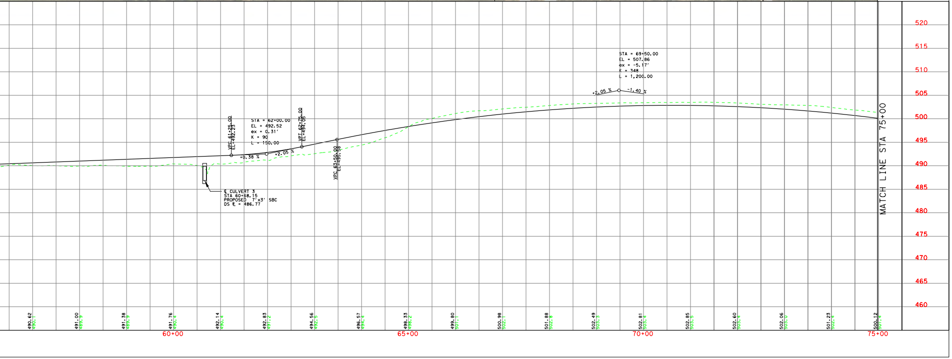

MATCH LINE
CSJ: 2588-01-020 STA 0+00
CSJ: 1217-01-019 STA 10+00
PROP ROW
PROPOSED 2-7'X3' SBC
EXISTING 6'X3' CULVERT TO BE REMOVED
℄ FM1641 STA 10+81.90=
℄ FM548 STA 13+00.00
EXIST ROW
PGT 13+00.00
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 12+00.00
N 63° 37' 03.50" E
FM 548
PT 10+87.57
℄ FM548
PC 10+00.00
CURVE XFM5481
EXIST ROW
WB3
WB2
WB4
WB5
WB6
WB7
WB8
EB3
COMMUNITY LIFE CHURCH
CURVE FM16411
FM 1641
15+00
20+00
25+00
30+00
℄ FM1641
S 45° 09' 40.88" E
EXIST ROW
PROP ROW
20" WATER LINE
20' WATER LINE EASEMENT
ROCK HOUND RD
FOX HOLLOW RD
WHITE PORCH AVE
TROPHY TR
BUGLE CALL RD
FOGGY BRANCH TR




WB9
WB10
CURRENCY CIR
WB10
WB11
WB12
CLASSIC LN
WB13
CURVE FM16412
WB10
N PROFIT ROW
CURVE FM16413
WB10
S PROFIT ROW
WB10
WB14
EXIST ROW
EXISTING
10'X5' CULVERT
TO BE REMOVED
35+00
40+00
POT 13+00.00
45+00
S 44° 00' 30.80" E
FM 1641
50+00
S 45° 02' 59.86" E
EXIST ROW
55+00
20' WATER LINE EASEMENT
EB3
PROPOSED
10'X5' CULVERT
℄ FM1641 STA 44+13.94=
℄ FM548 STA 13+00.00
20" WATER LINE
PROP ROW
MONITOR BLVD
N 44° 50' 19.14" E
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 11+50.00
EB4
LEAFY GLADE RD
ANNS WAY
PARKSIDE RD
℄ MONITOR BLVD
10+00
POT 10+00.00


MONITOR BLVD
℄
FM 1641
490
485
480
475
END CONSTRUCTION
STA 13+00.00
EL=486.38
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 11+50.00
EL=482.93
+2.30 %
+2.30 %
MONITOR BLVD
PROPOSED PROFILE
MONITOR BLVD
EXISTING GROUND
480.7
482.2
484.08
485.6
486.38
486.8
10+00
11+00
12+00
13+00
STA = 42+50.00
EL = 486.93
℄
MONITOR BLVD
FM 1641
PROPOSED GRADE
+0.35 %
-0.35 %
-0.35 %
+0.38 %
-0.35 %
+0.35 %
STA = 37+00.00
EL = 485.00
STA = 45+00.00
EL = 486.06
FM 1641
EXISTING GROUND
℄ CULVERT 2
STA 42+46.84
PROPOSED 10'x5' SBC
DS ℄ = 478.52
486.40
488.1
486.05
487.9
485.70
487.5
485.35
487.3
485.00
487.0
485.35
486.6
485.70
486.4
486.05
486.4
486.40
486.0
486.75
486.2
486.76
486.9
486.41
486.8
486.06
486.1
486.44
486.4
486.82
486.5
487.20
486.6
487.58
486.5
487.96
487.4
488.34
487.7
488.72
488.0
489.10
487.7
489.48
488.4
489.86
488.9
490.24
489.6
35+00
40+00
45+00
50+00
55+00


WB15
CURVE FM16414
CURVE FM16415
EXISTING 36" RCP TO BE REMOVED
PROP ROW
WB16
NICOLE LN
WB17
WB18
WB18
CURVE FM16416
S 39° 10' 33.41" E
60+00
PROPOSED 2-7'X3' SBC
EXISTING EASEMENT
PROP ROW
S 49° 44' 37.33" E
70+00
75+00
PROP ROW
EB5
EB5
HENDERSON ELEMENTRY SCHOOL
MATCH LINE STA 75+00



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CSJ: 1217-01-019

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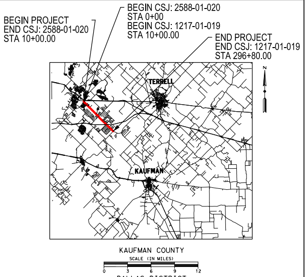
BEGIN PROJECT
END CSJ: 2588-01-020
STA 10+00.00
BEGIN CSJ: 2588-01-020
STA 0+00
BEGIN CSJ: 1217-01-019
STA 10+00.00
END PROJECT
END CSJ: 1217-01-019
STA 296+80.00
TERRELL
KAUFMAN
N
SCALE (IN MILES)
0
3
6
9
12

KAUFMAN COUNTY

DALLAS DISTRICT

Scale: Horizontal 1"=100'
Scale: Vertical 1"=10'

JULY 2019

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BARRY D. HEARD	85478
KARA K. HUFFMAN	88525

JULY 11, 2019
DATE

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ROLL 1 OF 4

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CSJ: 1217-01-019

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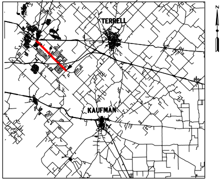
STA 10+00.00

BEGIN CSJ: 2588-01-020
STA 0+00
BEGIN CSJ: 1217-01-019
STA 10+00.00

END PROJECT
END CSJ: 1217-01-019
STA 296+80.00


TERRELL
KAUFMAN
N

KAUFMAN COUNTY
SCALE (IN MILES)
0 3 6 9 12
DALLAS DISTRICT

Scale: Horizontal 1"=100'
Scale: Vertical 1"=10'

JULY 2019

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

BARRY D. HEARD 85478
NAME P.E. NUMBER

KARA K. HUFFMAN 88525
NAME P.E. NUMBER

JULY 11, 2019
DATE

NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES

ROLL 2 OF 4

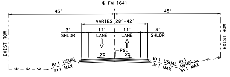
Lina T. Ramey & Associates, Inc.
3320 Belt Line Rd
Farmers Branch, Texas 75234
TBPE Registration No. F-782

LEGEND:

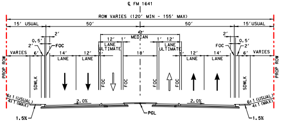
🟨	PROPOSED MAINLANES
🟪	PROPOSED CROSS STREETS
⬛	PROPOSED SIDEWALKS
-·-·-·-	EXISTING ROW
-··-··-	PROPOSED ROW
-··-··-	PROPOSED ROW BY OTHERS
— · — ·	PROPOSED CENTERLINE/BASELINE
- - - - -	EXISTING EASEMENT
——	WATER LINE
- - - - -	FUTURE PROJECT BY OTHERS
➔	DIRECTION OF TRAVEL

NOTES:

1. ADA RAMPS ARE NOT DEPICTED ON THE PLAN. THE EXACT LOCATIONS OF ADA RAMPS AND SIDEWALKS WILL BE DETERMINED DURING THE FINAL DESIGN THROUGH COORDINATION BETWEEN TxDOT AND LOCAL GOVERNMENTS.
2. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN AND COORDINATION WITH THE CITIES THAT THE DRIVEWAY WILL BE A SAFETY ISSUE.
3. MEDIAN OPENING LOCATIONS TO BE DETERMINED IN FINAL DESIGN.
4. UNLESS OTHERWISE NOTED, EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED.
5. DIMENSIONS ARE TO FACE OF CURB OR TO THE EDGE OF UNCURBED PAVEMENT (UNLESS OTHERWISE NOTED).
6. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP 48139C0050F.

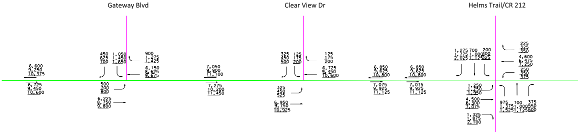

℄ FM 1641
45'
45'
VARIES 28'-42'
3' SHLDR
11' LANE
11' LANE
3' SHLDR
2%
2%
PGL
EXIST ROW
EXIST ROW
6:1 USUAL
3:1 MAX
6:1 USUAL
3:1 MAX
4:1 USUAL
3:1 MAX

EXISTING FM 1641
NTS


℄ FM 1641
ROW VARIES (120' MIN - 155' MAX)
15' USUAL
50'
50'
15'USUAL
42' MEDIAN
2'
0.5'
2'
FOC
12'
1'
LANE ULTIMATE
VARIES
6'
14' LANE
12' LANE
18'
12' LANE
14' LANE
PROP ROW
SDWLK
FOC
2.0%
PGL
6:1 (USUAL)
4:1 (MAX)
1.5%

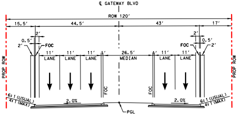
PROPOSED FM 1641
NTS

PROPERTY ID	NAME	MAILING ADDRESS
WB19	UNKNOWN	UNKNOWN
WB20	MURPHY MICHAEL E & NORMA G	12612 FM 1641, FORNEY, TX 75126
WB21	JACKRABBIT VENTURES	PO BOX 2603, FORNEY, TX 75126
WB22	MC MANUS GARY L & JOYCE	12500 FM 1641, FORNEY, TX 75126
WB23	LINDEN STEEL LP	12418 FM RD 1641, FORNEY, TX 75126
WB24	DUKATZ ERVIN L	W5531 SOUTHDALE DR, LA CROSSE, WI 54601
WB25	HEROLD ROBERT A & KATHRYN J	133 BUGLE CALL RD, FORNEY, TX 75126-4030
WB26	LUTHERAN CHURCH OF FORNEY TEXAS	PO BOX 2146, FORNEY, TX 75126
WB27	SOUTH FORNEY LLC	2101 CEDAR SPRINGS RD, SUITE 600, DALLAS, TX 75201
WB28	VENNER ROBERT & LINDA	PO BOX 2138 , FORNEY, TX 75126
WB29	PIEKUT DAVID M	13011 CLEARVIEW DR, FORNEY, TX 75126
WB30	DOHERTY JAMES F & ALICE F	13000 CLEARVIEW DR, FORNEY, TX 75126
WB31	NOAH S ARK EARLY DEV CENTER II	JONI MC ELVEEN, 11270 FM RD 1641, FORNEY, TX 75126
WB32	BLUMIN ROBERT & CRAIG A	17000 DALLAS PKWY #123, DALLAS, TX 75248
WB33	HALLIDAY GARY L & KATHLEEN A	11120 FM RD 1641, FORNEY, TX 75126
EB7	FORNEY ISD	600 S BOIS D ARC, FORNEY, TX 75126
EB8	FIRST PRESBYTERIAN CHURCH	KATHY COLLIER, PO BOX 98, FORNEY, TX 75126
EB9	MC KELLAR KATE PINSON EST	8621 RADCLIFFE DR, TYLER, TX 75703
EB10	WHICKER RICHARD & VALERIE	PO BOX 2219, FORNEY, TX 75126
EB11	SCOTT LOUTISSUE	PO BOX 497791, GARLAND, TX 75049
EB12	GRAHAM DONALD & RICKI	11116 BRADLEY CIR, FORNEY, TX 75126
EB13	THOMAS GREGORY	10426 BRADLEY CIR, FORNEY, TX 75126
EB14	RUVALCABA JUAN C & GEMA D	10425 BRADLEY CIR, FORNEY, TX 75126
EB15	BRADSHAW RANDY E & JULIE K	10420 WOODBRIDGE DR, FORNEY, TX 75126
EB16	GRAY LAWRENCE & JULIE	10411 WOODBRIDGE DR, FORNEY, TX 75126
EB17	COLLINS MILDRED C	11061 SWAFFAR, DALLAS, TX 75228


Gateway Blvd
Clear View Dr
Helms Trail/CR 212
6,600
9,250
10,375
6,725
9,450
10,600
450
625
700
1,050
1,450
1,650
900
1,275
1,425
6,150
8,625
9,675
500
700
800
6,225
8,750
9,800
7,050
9,900
11,100
7,275
10,200
11,450
325
450
500
125
175
200
125
175
200
6,725
9,450
10,600
325
450
525
6,950
9,750
10,925
6,850
9,625
10,800
7,075
9,925
11,125
6,850
9,625
10,800
7,075
9,925
11,125
1,275
1,775
2,025
700
1,000
1,125
200
300
325
225
325
350
4,600
6,475
7,250
250
350
375
1,250
1,750
1,950
4,500
6,300
7,075
1,325
1,875
2,100
975
1,375
1,525
700
1,000
1,125
375
550
600
Helms Trail

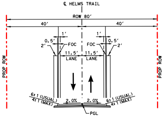
FOR INTERIM REVIEW ONLY
NOT INTENDED FOR CONSTRUCTION
BIDDING OR PERMIT PURPOSES

LEGEND
➔ - TRAVEL DIRECTION
XX,XXX - 2025 ADT
XX,XXX - 2045 ADT
XX,XXX - 2055 ADT


℄ GATEWAY BLVD
ROW 120'
15.5'
44.5'
43'
17'
2'
0.5'
2'
FOC
11'
LANE
11'
LANE
11'
LANE
1'
26.5'
MEDIAN
1'
11'
LANE
11'
LANE
FOC
2'
0.5'
2'
PROP ROW
PROP ROW
FOC
FOC
6:1 (USUAL)
4:1 (MAX)
2.0%
PGL
2.0%
6:1 (USUAL)
4:1 (MAX)

EXISTING/PROPOSED GATEWAY BLVD

NTS

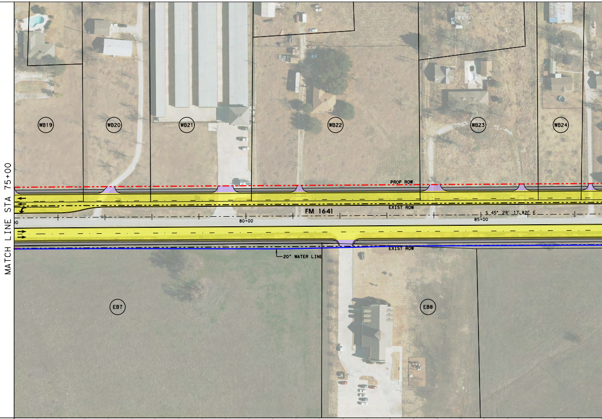

℄ HELMS TRAIL
ROW 80'
40'
40'
1'
1'
0.5'
2'
FOC
11.5'
LANE
FOC
11.5'
LANE
0.5'
2'
PROP ROW
PROP ROW
6:1 (USUAL)
4:1 (MAX)
2.0%
2.0%
6:1 (USUAL)
4:1 (MAX)
PGL

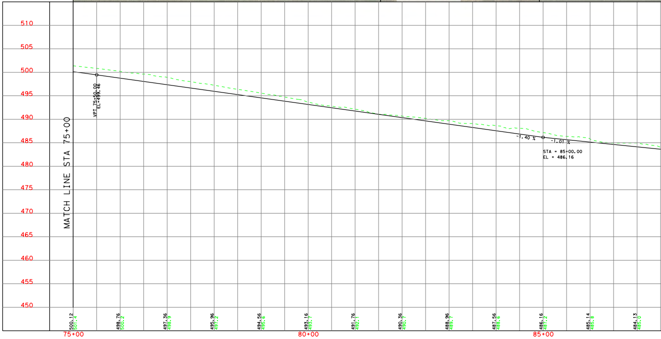
EXISTING/PROPOSED HELMS TRAIL

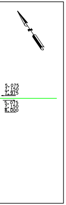
NTS

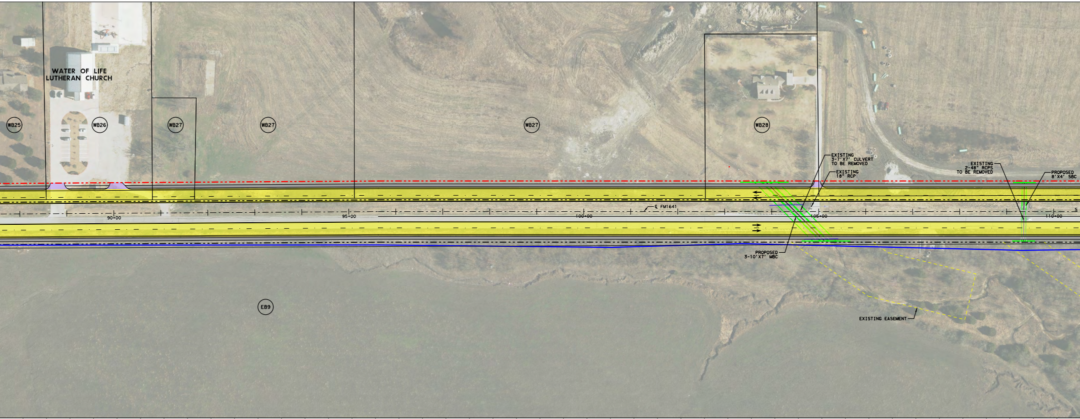
CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STA	PC STA	PT STA
FM1641-7	1° 30' 40.03" (RT)	1° 54' 35.49"	39.5633'	79.1220'	3,000.00'	126+72.45	126+32.88	127+12.00
FM1641-8	1° 48' 03.53" (LT)	2° 17' 30.59"	39.2946'	78.5826'	2,500.00'	128+69.61	128+30.32	129+08.90
FM1641-9	16° 23' 27.08" (RT)	7° 09' 43.10"	115.2166'	228.8595'	800.00'	154+41.01	153+25.80	155+54.65

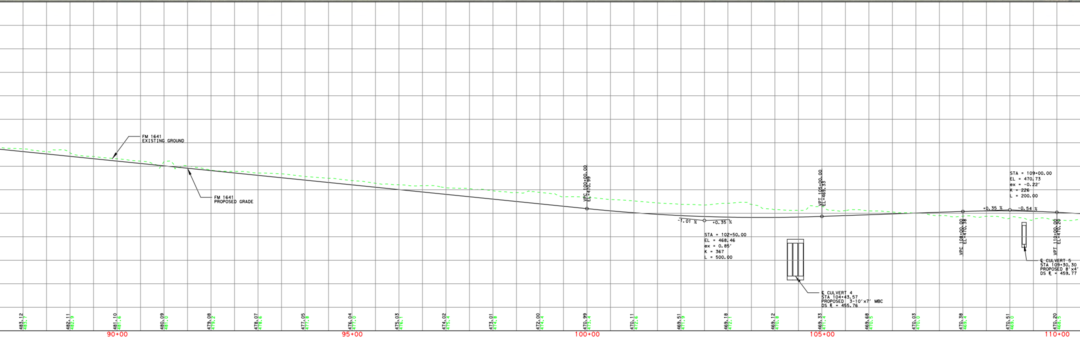
XHELMS-1	2° 25' 39.45" (LT)	2° 51' 53.24"	42.3764'	84.7401'	2,000.00'	11+74.06	11+31.69	12+16.43
XHELMS-2	3° 16' 13.69" (RT)	3° 49' 10.99"	42.8220'	85.6207'	1,500.00'	13+82.36	13+39.54	14+25.16
XHELMS-3	1° 54' 35.49" (LT)	1° 54' 35.49"	50.0046'	100.0000'	3,000.00'	16+00.16	15+50.16	16+50.16
XHELMS-4	1° 54' 35.49" (RT)	1° 54' 35.49"	50.0046'	100.0000'	3,000.00'	18+50.16	18+00.16	19+00.16

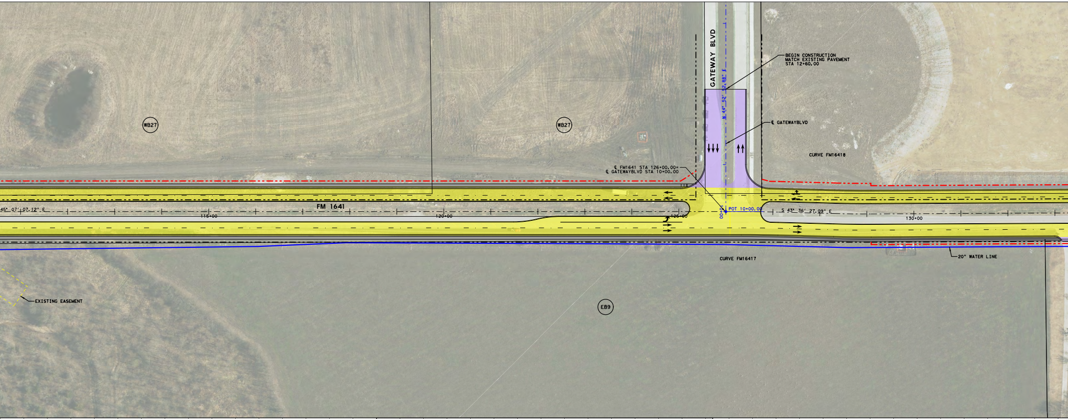

MATCH LINE STA 75+00
WB19
WB20
WB21
WB22
WB23
WB24
PROP ROW
EXIST ROW
FM 1641
80+00
85+00
S 45° 29' 17.82" E
EXIST ROW
20" WATER LINE
EB7
EB8

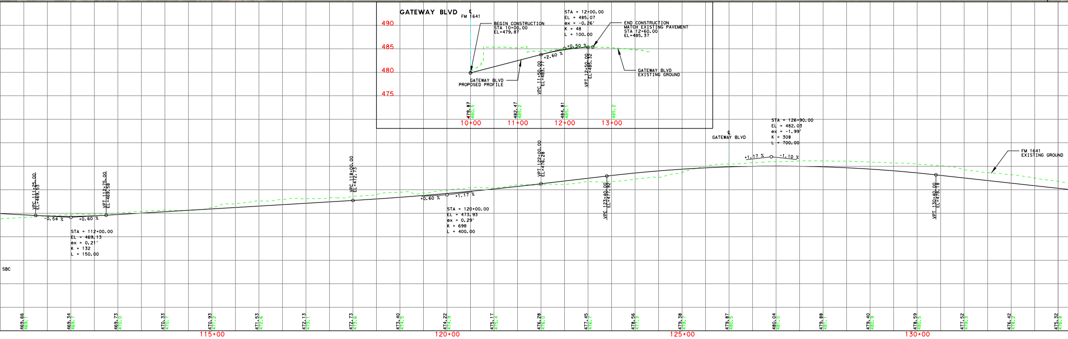


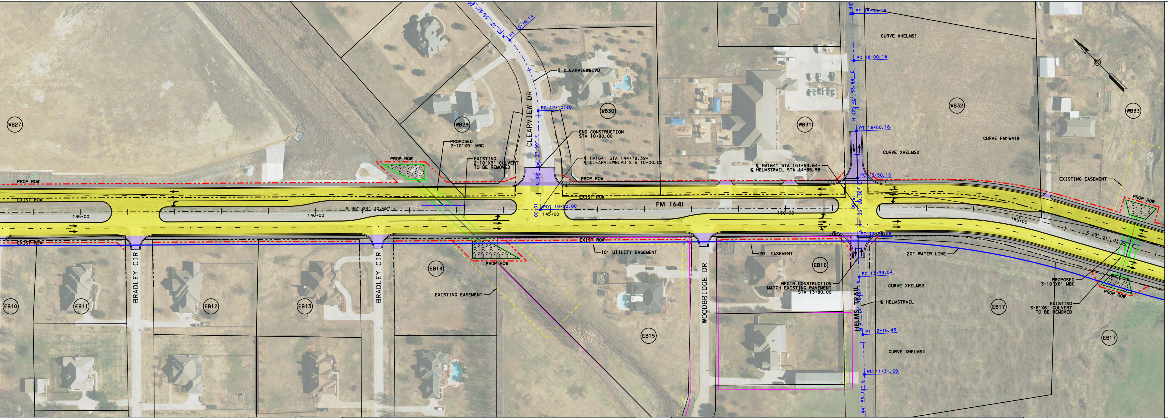

5,075
7,150
7,975
5,075
7,150
8,000

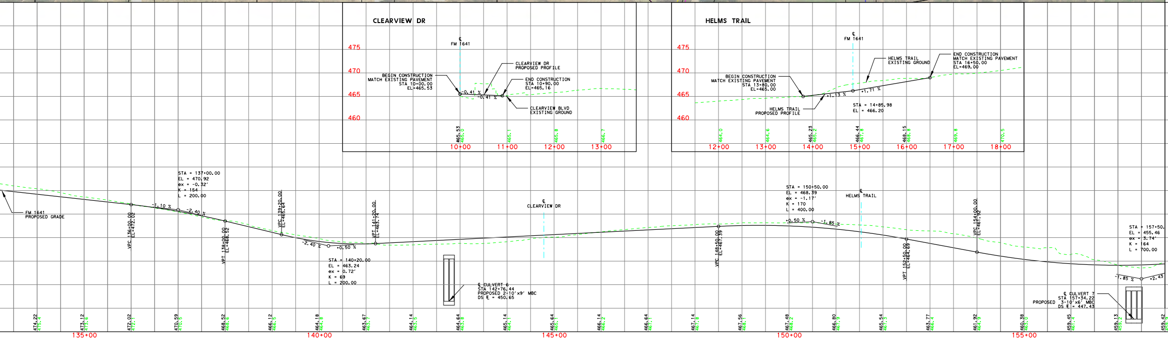

WATER OF LIFE
LUTHERAN CHURCH
WB25
WB26
WB27
WB27
WB27
WB28
EB9
90+00
95+00
100+00
105+00
110+00
℄ FM1641
EXISTING
3-7'X7' CULVERT
TO BE REMOVED
EXISTING
18" RCP
EXISTING
2-48" RCPS
TO BE REMOVED
PROPOSED
8'X4' SBC
PROPOSED
3-10'X7' MBC
EXISTING EASEMENT




GATEWAY BLVD
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 12+60.00
N 44° 52' 52.88" E
℄ GATEWAYBLVD
CURVE FM16418
WB27
WB27
℄ FM1641 STA 126+00.00=
℄ GATEWAYBLVD STA 10+00.00
FM 1641
45° 07' 07.12" E
115+00
120+00
125+00
10+00
POT 10+00.00
S 43° 36' 27.09" E
130+00
CURVE FM16417
20" WATER LINE
EXISTING EASEMENT
EB9




WB27
WB29
WB30
WB31
WB32
WB33
EB10
EB11
EB12
EB13
EB14
EB15
EB16
EB17
PROP ROW
EXIST ROW
135+00
140+00
145+00
150+00
155+00
S 45° 24' 30.62" E
FM 1641
CLEARVIEW DR
BRADLEY CIR
BRADLEY CIR
WOODBRIDGE DR
HELMS TRAIL
PROPOSED 2-10'X9' MBC
EXISTING 2-10'X9' CULVERT TO BE REMOVED
℄ CLEARVIEWBLVD
PC 12+10.70
PT 13+76.14
N 43° 36' 37.99" E
END CONSTRUCTION STA 10+90.00
℄ FM1641 STA 144+78.39= ℄ CLEARVIEWBLVD STA 10+00.00
POT 10+00.00
EXISTING EASEMENT
15' UTILITY EASEMENT
20' EASEMENT
BEGIN CONSTRUCTION MATCH EXISTING PAVEMENT STA 13+80.00
℄ FM1641 STA 151+53.64= ℄ HELMSTRAIL STA 14+85.98
PT 19+00.16
PC 18+00.16
PT 16+50.16
PC 15+50.16
PC 13+39.54
PT 12+16.43
PC 11+31.69
N 42° 40' 53.88" E
CURVE XHELMS1
CURVE XHELMS2
CURVE XHELMS3
CURVE XHELMS4
CURVE FM16419
℄ HELMSTRAIL
20' WATER LINE
EXISTING EASEMENT
S 29° 01' 03.34" E
PROPOSED 3-10'X6' MBC
EXISTING 3-6'X6' CULVERT TO BE REMOVED


CLEARVIEW DR
℄ FM 1641
475
470
465
460
BEGIN CONSTRUCTION MATCH EXISTING PAVEMENT STA 10+00.00 EL=465.53
CLEARVIEW DR PROPOSED PROFILE
END CONSTRUCTION STA 10+90.00 EL=465.16
CLEARVIEW BLVD EXISTING GROUND
-0.41 %
-0.41 %
465.53
465.0
465.1
465.8
466.7
10+00
11+00
12+00
13+00
HELMS TRAIL
℄ FM 1641
475
470
465
460
HELMS TRAIL EXISTING GROUND
END CONSTRUCTION MATCH EXISTING PAVEMENT STA 16+50.00 EL=469.00
BEGIN CONSTRUCTION MATCH EXISTING PAVEMENT STA 13+80.00 EL=465.00
+1.13 %
+1.71 %
STA = 14+85.98
EL = 466.20
HELMS TRAIL PROPOSED PROFILE
464.0
464.6
465.23
465.2
466.44
467.8
468.15
468.8
469.8
470.5
12+00
13+00
14+00
15+00
16+00
17+00
18+00
FM 1641 PROPOSED GRADE
STA = 137+00.00
EL = 470.92
ex = -0.32'
K = 154
L = 200.00
VPC 136+00.00 EL=472.02
-1.10 %
-2.40 %
VPT 138+00.00 EL=468.52
VPC 139+20.00 EL=465.64
-2.40 %
+0.50 %
STA = 140+20.00
EL = 463.24
ex = 0.72'
K = 69
L = 200.00
VPT 141+20.00 EL=463.74
℄ CULVERT 6
STA 142+76.44
PROPOSED 2-10'x9' MBC
DS ℄ = 450.65
℄ CLEARVIEW DR
STA = 150+50.00
EL = 468.39
ex = -1.17'
K = 170
L = 400.00
VPC 148+50.00 EL=467.39
+0.50 %
-1.85 %
℄ HELMS TRAIL
VPT 152+50.00 EL=464.69
VPC 154+00.00 EL=461.92
STA = 157+50.
EL = 455.46
ex = 3.74'
K = 164
L = 700.00
-1.85 %
+2.43
℄ CULVERT 7
STA 157+34.22
PROPOSED 3-10'x6' MBC
DS ℄ = 447.43
474.22
475.4
473.12
473.6
472.02
472.1
470.59
470.5
468.52
468.6
466.12
466.5
464.18
464.8
463.67
463.7
464.14
463.5
464.64
463.8
465.14
464.1
465.64
465.1
466.14
466.2
466.64
467.1
467.14
467.8
467.56
468.1
467.48
468.2
466.80
467.9
465.54
467.3
463.77
466.4
461.92
464.9
460.38
463.0
459.45
461.4
459.13
459.2
459.42
459.9
135+00
140+00
145+00
150+00
155+00

MATCH LINE STA 158+00

MATCH LINE STA 158+00

510
505
500
495
490
485
480
475
470
465
460
455
450

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Texas Department of Transportation

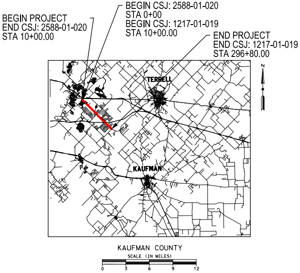
DALLAS DISTRICT
PRELIMINARY DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

FM 548 / FM 1641

FROM: FM 1641 TO: US 80
CSJ: 2588-01-020
FROM: 548 TO: FM 148
CSJ: 1217-01-019

KAUFMAN COUNTY
FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
PROJECT LENGTH: 5.62 MILES
FM 1641 DESIGN SPEED: 45 MPH
CROSS-ST DESIGN SPEED: 30 MPH


BEGIN PROJECT
END CSJ: 2588-01-020
STA 10+00.00
BEGIN CSJ: 2588-01-020
STA 0+00
BEGIN CSJ: 1217-01-019
STA 10+00.00
END PROJECT
END CSJ: 1217-01-019
STA 296+80.00
TERRELL
KAUFMAN
N
KAUFMAN COUNTY
SCALE (IN MILES)
0
3
6
9
12
DALLAS DISTRICT

Scale: Horizontal 1"=100'
Scale: Vertical 1"=10'

JULY 2019

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BARRY D. HEARD	85478
KARA K. HUFFMAN	88525

JULY 11, 2019
DATE

NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES

ROLL 2 OF 4

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

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Texas Department of Transportation

DALLAS DISTRICT
PRELIMINARY DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

FM 548 / FM 1641

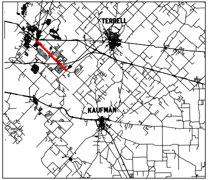
FROM: FM 1641 TO: US 80
CSJ: 2588-01-020
FROM: 548 TO: FM 148
CSJ: 1217-01-019

KAUFMAN COUNTY
FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
PROJECT LENGTH: 5.62 MILES
FM 1641 DESIGN SPEED: 45 MPH
CROSS-ST DESIGN SPEED: 30 MPH

BEGIN PROJECT
END CSJ: 2588-01-020
STA 10+00.00

BEGIN CSJ: 2588-01-020
STA 0+00
BEGIN CSJ: 1217-01-019
STA 10+00.00

END PROJECT
END CSJ: 1217-01-019
STA 296+80.00


TERRELL
KAUFMAN
N

KAUFMAN COUNTY
SCALE (IN MILES)
0 3 6 9 12
DALLAS DISTRICT

Scale: Horizontal 1"=100'
Scale: Vertical 1"=10'

JULY 2019

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

BARRY D. HEARD	85478
NAME	P.E. NUMBER
KARA K. HUFFMAN	88525
NAME	P.E. NUMBER

JULY 11, 2019
DATE

NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES

ROLL 3 OF 4

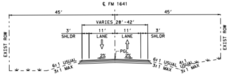
Lina T. Ramey & Associates, Inc.
3320 Belt Line Rd
Farmers Branch, Texas 75234
TBPE Registration No. F-782

LEGEND:

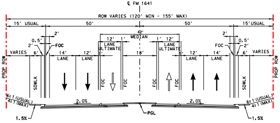
🟨	PROPOSED MAINLANES
🟪	PROPOSED CROSS STREETS
▨	PROPOSED SIDEWALKS
-·-·-·-	EXISTING ROW
-·-·-·-	PROPOSED ROW
-·-·-·-	PROPOSED ROW BY OTHERS
-·-·-·-	PROPOSED CENTERLINE/BASELINE
- - - -	EXISTING EASEMENT
———	WATER LINE
- - - -	FUTURE PROJECT BY OTHERS
→	DIRECTION OF TRAVEL

NOTES:

1. ADA RAMPS ARE NOT DEPICTED ON THE PLAN. THE EXACT LOCATIONS OF ADA RAMPS AND SIDEWALKS WILL BE DETERMINED DURING THE FINAL DESIGN THROUGH COORDINATION BETWEEN TxDOT AND LOCAL GOVERNMENTS.
2. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN AND COORDINATION WITH THE CITIES THAT THE DRIVEWAY WILL BE A SAFETY ISSUE.
3. MEDIAN OPENING LOCATIONS TO BE DETERMINED IN FINAL DESIGN.
4. UNLESS OTHERWISE NOTED, EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED.
5. DIMENSIONS ARE TO FACE OF CURB OR TO THE EDGE OF UNCURBED PAVEMENT (UNLESS OTHERWISE NOTED).
6. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP 48139C0050F.

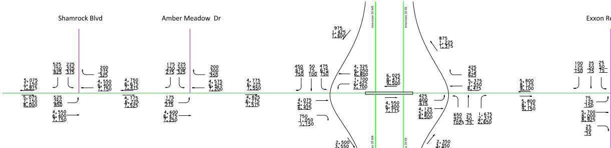

℄ FM 1641
45'
45'
VARIES 28'-42'
3' SHLDR
11' LANE
11' LANE
3' SHLDR
PGL
2%
2%
EXIST ROW
EXIST ROW
6:1 USUAL
3:1 MAX
6:1 USUAL
3:1 MAX
4:1 USUAL
3:1 MAX

EXISTING FM 1641
NTS


℄ FM 1641
ROW VARIES (120' MIN - 155' MAX)
15' USUAL
50'
50'
15' USUAL
42' MEDIAN
2'
0.5'
2'
FOC
VARIES
6'
14' LANE
12' LANE
12' LANE ULTIMATE
1'
18'
1'
12' LANE ULTIMATE
12' LANE
14' LANE
FOC
0.5'
2'
2'
6'
VARIES
PROP ROW
SDWLK
FOC
FOC
FOC
FOC
SDWLK
PROP ROW
6:1 (USUAL)
4:1 (MAX)
2.0%
2.0%
6:1 (USUAL)
4:1 (MAX)
PGL
1.5%
1.5%

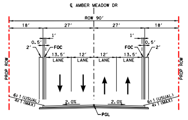
PROPOSED FM 1641
NTS

PROPERTY ID	NAME	MAILING ADDRESS
WB34	PENNISTON CAREY S & RYAN J	10882 FM 1641, FORNEY, TX 75126
WB35	MUNGUIA CLEMENTE & ALICIA	10772 FM RD 1641, FORNEY, TX 75126
WB36	10720 FM RD 1641 FORNEY, TX 75126	10720 FM 1641, FORNEY, TX 75126
WB37	MESQUITE AIR	1412 CHURCHILL WAY, ROWLETT, TX 75088
WB38	GONZALEZ PABLO & DONNA R	10636 FM RD 1641, FORNEY, TX 75126
WB39	CANAVAN DAVE	10620 FM RD 1641, FORNEY, TX 75126
WB40	BREAZEALE BRENDA	10608 FM RD 1641, FORNEY, TX 75126
WB41	DFS PROPERTIES & INVESTMENTS LLC	PO BOX 2873, FORNEY, TX 75126
WB42	DENNEHY DONALD P	8185 COTTONWOOD LN, TERRELL, TX 75160
WB43	WELCH MARIS D & KERRY L	10171 W CLOVER LN, FORNEY, TX 75126
WB44	BOHMER ROBERT A & JESSICA	10157 WEST CLOVER LANE, FORNEY, TX 75126
WB45	EVERETT JAMES K & TERI D	10123 WEST CLOVER LANE, FORNEY, TX 75126
WB46	LOPEZ JAIME ROEL	10055 W CLOVER LN, FORNEY, TX 75126
WB47	HENSLEY MICHAEL B & DOLORES A	10057 E CLOVER LN, FORNEY, TX 75126
WB48	JAMES CHARLES W & KATHLEEN R	10125 E CLOVER LN, FORNEY, TX 75126
WB49	UNKNOWN	UNKNOWN
WB50	FITZGERALD ROY	10179 E CLOVER LN, FORNEY, TX 75126
WB51	DUNNAM KENNETH & LAJUANA KAY	13011 AMBER MEADOW DR, FORNEY, TX 75126
WB52	GMC LLC	PO BOX 1923, ROCKWALL, TX 75087
WB53	ST MARTIN CATHOLIC CHURCH	9470 CO RD 213, FORNEY, TX 75126-8000
WB54	TATCO PROPERTIES LLC	5296 STATE HWY 276, ROYSE CITY, TX 75189
WB55	ALMO INVESTMENT LTD	PO BOX 2599, WAXAHACHIE, TX 75168
EB17	COLLINS MILDRED C	11061 SWAFFAR, DALLAS, TX 75228
EB18	COLLINS ELLEN MARIE	9428 DARTCREST DR, DALLAS, TX 75238
EB19	COLLINS MARY JANE & ELLEN MARIE	10142 MAPLE RIDGE DR, DALLAS, TX 75238
EB20	WHALEY HELEN M	PO BOX 160, FORNEY, TX 75126
EB21	NEW LIFE FELLOWSHIP CHURCH	TRINITY FAMILY CHURCH, PO BOX 635, FORNEY, TX 75126
EB22	RODRIGUEZ JAZMIN & IGNACIO VAZQUEZ	2206 ELM FALLS PL, MESQUITE, TX 75181
EB23	RODRIGUEZ RAUL & HERENDIDA	1443 ALAMOSA, TERRELL, TX 75160
EB24	TATE KEVIN & TAMA	1425 W ALAMOSA DR, TERRELL, TX 75160
EB25	HAYNES JACK L	1393 W ALAMOSA, TERRELL, TX 75160
EB26	WILSON DONALD J & DIANE A	1367 W ALAMOSA DRIVE, TERRELL , TX 75160


Shamrock Blvd
Amber Meadow Dr
Exxon R
Interstate 20 WB
Interstate 20 EB
FM

FOR INTERIM REVIEW ONLY
NOT INTENDED FOR CONSTRUCTION
BIDDING OR PERMIT PURPOSES

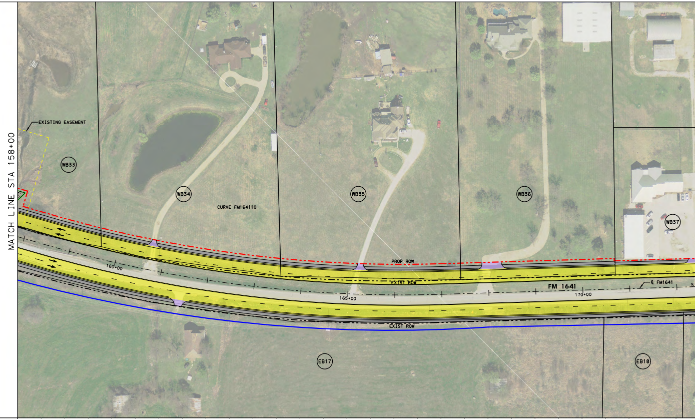
LEGEND
→ - TRAVEL DIRECTION
XX,XXX - 2025 ADT
XX,XXX - 2045 ADT
XX,XXX - 2055 ADT

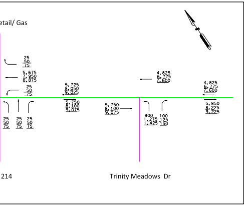

℄ AMBER MEADOW DR
ROW 90'
18'
27'
27'
18'
1'
0.5'
2'
FOC
13.5' LANE
12' LANE
12' LANE
13.5' LANE
PROP ROW
6:1 (USUAL)
4:1 (MAX)
2.0%
2.0%
PGL

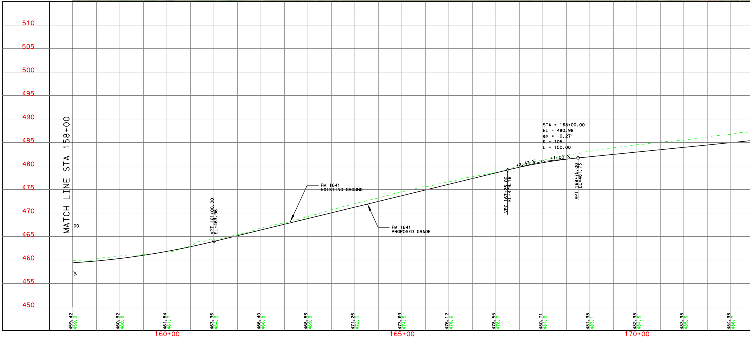
EXISTING/PROPOSED AMBER MEADOW DR

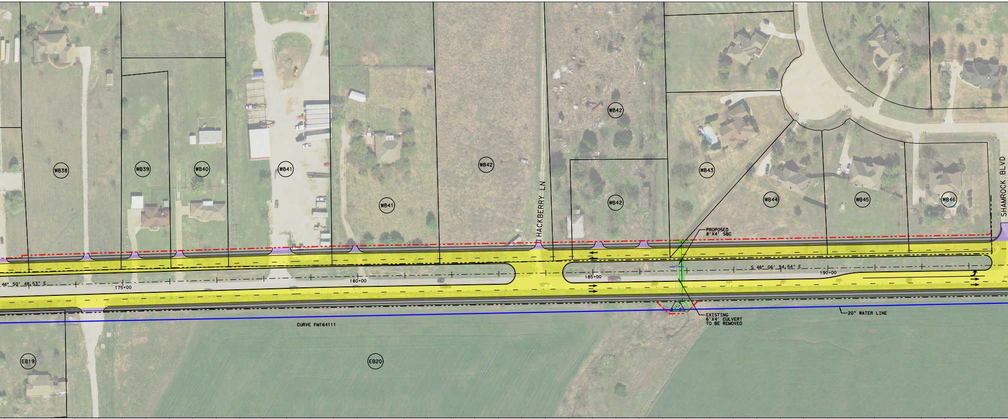
NTS

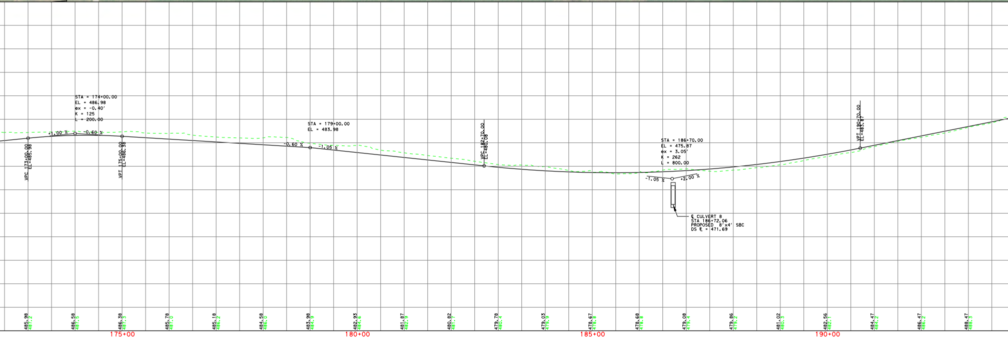
CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STA	PC STA	PT STA
FM1641-10	17° 49' 44.99" (LT)	2° 05' 00.54"	431.3556'	855.7385'	2,750.00'	162+74.06	158+42.71	166+98.45
FM1641-11	0° 43' 53.99" (RT)	0° 42' 58.31"	51.0805'	102.1596'	8,000.00'	179+18.90	178+67.82	179+69.98
FM1641-12	16° 59' 00.52" (RT)	7° 09' 43.10"	119.4429'	237.1341'	800.00'	218+99.53	217+80.09	220+17.22
FM1641-13	16° 34' 31.93" (LT)	6° 59' 14.24"	119.4463'	237.2241'	820.00'	221+36.67	220+17.22	222+54.45
FM1641-14	8° 41' 45.11" (LT)	5° 00' 14.39"	87.0563'	173.7783'	1,145.00'	234+69.73	233+82.68	235+56.45
FM1641-15	8° 37' 16.51" (RT)	4° 24' 26.52"	97.9900'	195.6100'	1,300.00'	236+54.44	25+56.45	237+52.06
XAMBER-1	10° 21' 51.08" (LT)	38° 11' 49.87"	13.6038'	27.1334'	150.00'	11+65.25	11+51.65	11+78.78
XAMBER-2	10° 27' 29.54" (RT)	38° 11' 49.87"	13.7279'	27.3795'	150.00'	12+45.73	12+32.00	12+59.38

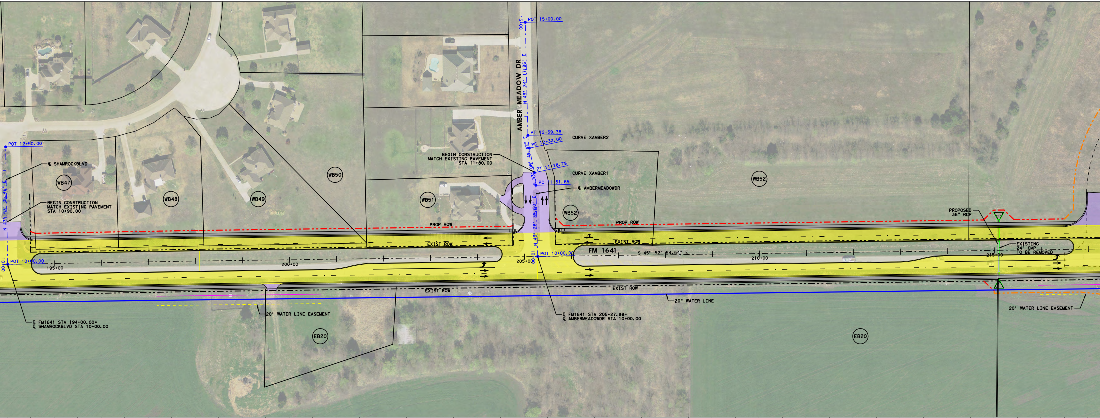

MATCH LINE STA 158+00
EXISTING EASEMENT
WB33
WB34
WB35
WB36
WB37
CURVE FM164110
PROP ROW
EXIST ROW
FM 1641
℄ FM1641
160+00
165+00
170+00
EXIST ROW
EB17
EB18

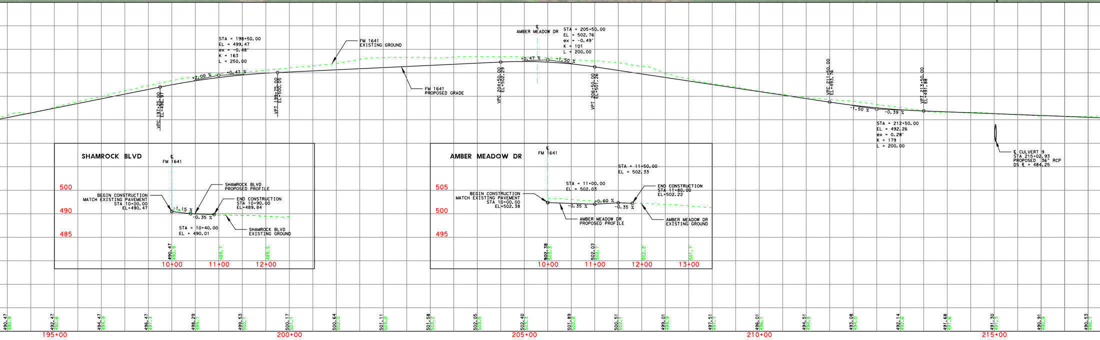

etail/ Gas
25
50
75
5,675
7,950
8,875
25
50
75
25
50
75
25
50
75
25
50
75
5,725
8,050
9,025
5,750
8,100
9,075
5,750
8,100
9,075
4,825
6,775
7,600
900
1,275
1,425
100
125
150
4,825
6,775
7,600
5,850
8,225
9,225
214
Trinity Meadows Dr

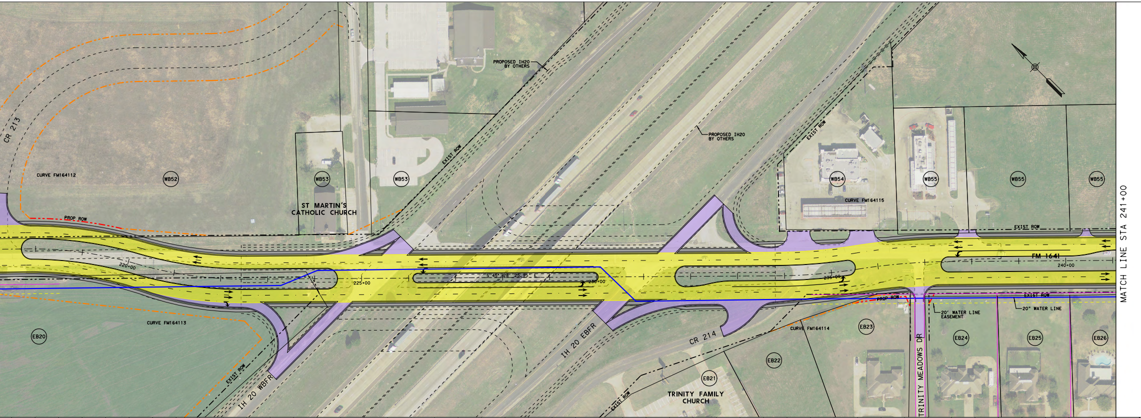


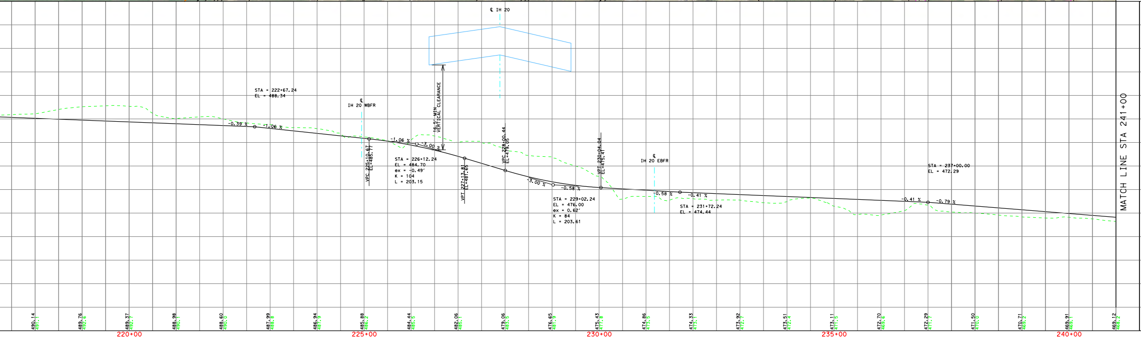

WB38
WB39
WB40
WB41
WB41
WB42
HACKBERRY LN
WB42
WB42
WB43
WB44
WB45
WB46
SHAMROCK BLVD
PROPOSED
8'X4' SBC
46° 50' 48.53" E
175+00
180+00
185+00
S 46° 06' 54.54" E
190+00
EXISTING
6'X4' CULVERT
TO BE REMOVED
20" WATER LINE
CURVE FM164111
EB19
EB20

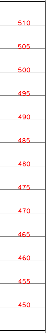

STA = 174+00.00
EL = 486.98
ex = -0.40'
K = 125
L = 200.00
+1.00 %
-0.60 %
VPC 173+00.00
EL=485.98
VPT 175+00.00
EL=486.38
STA = 179+00.00
EL = 483.98
-0.60 %
-1.05 %
VPC 182+70.00
EL=480.08
STA = 186+70.00
EL = 475.87
ex = 3.05'
K = 262
L = 800.00
-1.05 %
+2.00 %
℄ CULVERT 8
STA 186+72.06
PROPOSED 8'x4' SBC
DS ℄ = 471.69
VPT 190+70.00
EL=483.87
485.98
487.2
486.58
487.5
486.38
487.3
485.78
487.0
485.18
486.2
484.58
486.0
483.98
484.9
482.93
484.6
481.87
482.9
480.82
481.7
479.78
480.4
479.03
479.9
478.67
478.8
478.68
478.8
479.08
479.4
479.86
479.2
481.02
480.3
482.56
482.1
484.47
484.2
486.47
486.2
488.47
488.3
175+00
180+00
185+00
190+00


POT 15+00.00
15+00
AMBER MEADOW DR
N 43° 34' 17.96" E
PT 12+59.38
PC 12+32.00
CURVE XAMBER2
N 33° 06' 48.42" E
PT 11+78.78
CURVE XAMBER1
PC 11+51.65
℄ AMBERMEADOWDR
N 43° 28' 39.60" E
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 11+80.00
POT 12+50.00
℄ SHAMROCKBLVD
N 43° 53' 05.46" E
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 10+90.00
WB47
WB48
WB49
WB50
WB51
WB52
WB52
PROP ROW
PROP ROW
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
POT 10+00.00
10+00
195+00
200+00
205+00
POT 10+00.00
10+00
FM 1641
S 45° 52' 54.54" E
210+00
215+00
PROPOSED
36" RCP
EXISTING
24" CMP
TO BE REMOVED
20" WATER LINE
20' WATER LINE EASEMENT
20' WATER LINE EASEMENT
℄ FM1641 STA 194+00.00=
℄ SHAMROCKBLVD STA 10+00.00
℄ FM1641 STA 205+27.98=
℄ AMBERMEADOWDR STA 10+00.00
EB20
EB20


STA = 198+50.00
EL = 499.47
ex = -0.48'
K = 163
L = 250.00
FM 1641
EXISTING GROUND
℄
AMBER MEADOW DR
STA = 205+50.00
EL = 502.76
ex = -0.49'
K = 101
L = 200.00
+2.00 %
+0.47 %
+0.47 %
-1.50 %
VPC 197+25.00
EL=496.97
VPT 199+75.00
EL=500.05
FM 1641
PROPOSED GRADE
VPC 204+50.00
EL=502.29
VPT 206+50.00
EL=501.26
VPC 211+50.00
EL=493.76
VPT 213+50.00
EL=491.88
-1.50 %
-0.39 %
STA = 212+50.00
EL = 492.26
ex = 0.28'
K = 179
L = 200.00
℄ CULVERT 9
STA 215+02.93
PROPOSED 36" RCP
DS ℄ = 484.25
SHAMROCK BLVD
℄
FM 1641
500
490
485
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 10+00.00
EL=490.47
-1.15 %
-0.35 %
SHAMROCK BLVD
PROPOSED PROFILE
END CONSTRUCTION
STA 10+90.00
EL=489.84
STA = 10+40.00
EL = 490.01
SHAMROCK BLVD
EXISTING GROUND
490.47
490.9
489.7
489.5
10+00
11+00
12+00
AMBER MEADOW DR
℄
FM 1641
505
500
495
STA = 11+50.00
EL = 502.33
STA = 11+00.00
EL = 502.03
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 10+00.00
EL=502.38
-0.35 %
+0.60 %
-0.35 %
END CONSTRUCTION
STA 11+80.00
EL=502.22
AMBER MEADOW DR
PROPOSED PROFILE
AMBER MEADOW DR
EXISTING GROUND
502.38
503.3
502.03
502.7
502.2
501.7
10+00
11+00
12+00
13+00
490.47
490.9
492.47
492.6
494.47
494.9
496.47
497.3
498.29
499.1
499.53
500.1
500.17
501.1
500.64
502.0
501.11
503.2
501.58
503.2
502.05
503.5
502.40
503.3
501.89
502.8
500.51
502.1
499.01
499.9
497.51
497.7
496.01
496.1
494.51
494.8
493.08
494.0
492.14
492.6
491.68
491.6
491.30
491.3
490.91
490.8
490.53
490.7
195+00
200+00
205+00
210+00
215+00


CR 213
CURVE FM164112
WB52
WB53
WB53
ST MARTIN'S
CATHOLIC CHURCH
PROP ROW
PROPOSED IH20
BY OTHERS
EXIST ROW
PROPOSED IH20
BY OTHERS
EXIST ROW
WB54
CURVE FM164115
WB55
WB55
WB55
EXIST ROW
FM 1641
220+00
225+00
S 45°28' 25.05" E
230+00
235+00
240+00
CURVE FM164113
EB20
EXIST ROW
IH 20 WBFR
IH 20 EBFR
CR 214
PROP ROW
EXIST ROW
20' WATER LINE
EASEMENT
20" WATER LINE
CURVE FM164114
EB23
EB22
EB21
EB24
EB25
EB26
TRINITY MEADOWS DR
EXIST ROW
TRINITY FAMILY
CHURCH
MATCH LINE STA 241+00


℄ IH 20
STA = 222+67.24
EL = 488.34
℄
IH 20 WBFR
16.5' MIN
VERTICAL CLEARANCE
-0.39 %
-1.06 %
-1.06 %
-3.00 %
VPC 225+10.67
EL=485.77
STA = 226+12.24
EL = 484.70
ex = -0.49'
K = 104
L = 203.15
VPT 227+13.81
EL=481.65
VPC 228+00.44
EL=479.05
-3.00 %
-0.58 %
VPT 230+04.04
EL=475.41
STA = 229+02.24
EL = 476.00
ex = 0.62'
K = 84
L = 203.61
℄
IH 20 EBFR
-0.58 %
-0.41 %
STA = 231+72.24
EL = 474.44
STA = 237+00.00
EL = 472.29
-0.41 %
-0.79 %
490.14
491.1
489.76
492.6
489.37
492.7
488.98
490.1
488.60
490.0
487.99
488.8
486.94
487.9
485.88
486.2
484.44
485.5
482.06
485.1
479.06
483.5
476.65
481.9
475.43
477.8
474.86
473.5
474.33
473.1
473.92
472.7
473.51
472.4
473.11
471.5
472.70
469.6
472.29
471.7
471.50
470.0
470.71
469.2
469.91
469.1
469.12
468.2
220+00
225+00
230+00
235+00
240+00
MATCH LINE STA 241+00


510
505
500
495
490
485
480
475
470
465
460
455
450

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Texas Department
of Transportation

DALLAS DISTRICT
PRELIMINARY DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

FM 548 / FM 1641

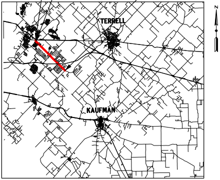
FROM: FM 1641 TO: US 80
CSJ: 2588-01-020
FROM: 548 TO: FM 148
CSJ: 1217-01-019

KAUFMAN COUNTY
FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
PROJECT LENGTH: 5.62 MILES
FM 1641 DESIGN SPEED: 45 MPH
CROSS-ST DESIGN SPEED: 30 MPH

BEGIN PROJECT
END CSJ: 2588-01-020
STA 10+00.00

BEGIN CSJ: 2588-01-020
STA 0+00
BEGIN CSJ: 1217-01-019
STA 10+00.00

END PROJECT
END CSJ: 1217-01-019
STA 296+80.00


TERRELL
KAUFMAN
N

KAUFMAN COUNTY
SCALE (IN MILES)
0 3 6 9 12
DALLAS DISTRICT

Scale: Horizontal 1"=100'
Scale: Vertical 1"=10'

JULY 2019

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BARRY D. HEARD	85478
KARA K. HUFFMAN	88525

DATE: JULY 11, 2019

NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES

ROLL 3 OF 4

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

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Texas Department of Transportation

DALLAS DISTRICT
PRELIMINARY DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

FM 548 / FM 1641

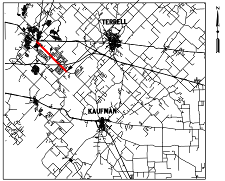
FROM: FM 1641 TO: US 80
CSJ: 2588-01-020
FROM: 548 TO: FM 148
CSJ: 1217-01-019

KAUFMAN COUNTY
FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
PROJECT LENGTH: 5.62 MILES
FM 1641 DESIGN SPEED: 45 MPH
CROSS-ST DESIGN SPEED: 30 MPH

BEGIN PROJECT
END CSJ: 2588-01-020
STA 10+00.00

BEGIN CSJ: 2588-01-020
STA 0+00
BEGIN CSJ: 1217-01-019
STA 10+00.00

END PROJECT
END CSJ: 1217-01-019
STA 296+80.00


TERRELL
KAUFMAN
N

KAUFMAN COUNTY
SCALE (IN MILES)
0 3 6 9 12
DALLAS DISTRICT

Scale: Horizontal 1"=100'
Scale: Vertical 1"=10'

JULY 2019

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BARRY D. HEARD	85478
KARA K. HUFFMAN	88525

JULY 11, 2019
DATE

NOT INTENDED FOR CONSTRUCTION,
BIDDING, OR PERMIT PURPOSES

ROLL 4 OF 4

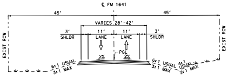
Lina T. Ramey & Associates, Inc.
3320 Belt Line Rd
Farmers Branch, Texas 75234
TBPE Registration No. F-782

LEGEND:

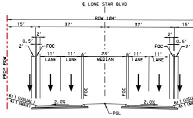
🟨	PROPOSED MAINLANES
🟪	PROPOSED CROSS STREETS
⬛	PROPOSED SIDEWALKS
-·-·-·-	EXISTING ROW
-·-·-·-	PROPOSED ROW
-·-·-·-	PROPOSED ROW BY OTHERS
-·-·-·-	PROPOSED CENTERLINE/BASELINE
- - - -	EXISTING EASEMENT
——	WATER LINE
- - - -	FUTURE PROJECT BY OTHERS
→	DIRECTION OF TRAVEL

NOTES:

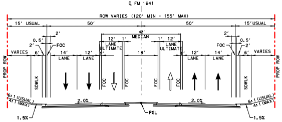
1. ADA RAMPS ARE NOT DEPICTED ON THE PLAN. THE EXACT LOCATIONS OF ADA RAMPS AND SIDEWALKS WILL BE DETERMINED DURING THE FINAL DESIGN THROUGH COORDINATION BETWEEN TxDOT AND LOCAL GOVERNMENTS.
2. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN AND COORDINATION WITH THE CITIES THAT THE DRIVEWAY WILL BE A SAFETY ISSUE.
3. MEDIAN OPENING LOCATIONS TO BE DETERMINED IN FINAL DESIGN.
4. UNLESS OTHERWISE NOTED, EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED.
5. DIMENSIONS ARE TO FACE OF CURB OR TO THE EDGE OF UNCURBED PAVEMENT (UNLESS OTHERWISE NOTED).
6. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAP 48139C0050F.


℄ FM 1641
45'
45'
VARIES 28'-42'
3' SHLDR
11' LANE
11' LANE
3' SHLDR
PGL
2%
2%
EXIST ROW
EXIST ROW
6:1 USUAL
3:1 MAX
6:1 USUAL
3:1 MAX
4:1 USUAL
3:1 MAX

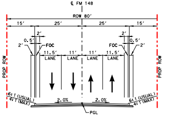
EXISTING FM 1641
NTS


℄ LONE STAR BLVD
ROW 104'
15'
37'
37'
15'
0.5'
2'
2'
FOC
11' LANE
11' LANE
4'
23' MEDIAN
4'
11' LANE
11' LANE
FOC
2'
0.5'
2'
PROP ROW
2.0%
2.0%
PGL
6:1 (USUAL)
4:1 (MAX)

EXISTING/PROPOSED LONE STAR BLVD
NTS


℄ FM 1641
ROW VARIES (120' MIN - 155' MAX)
15' USUAL
50'
50'
15' USUAL
42' MEDIAN
12' 1' LANE ULTIMATE
1' 12' LANE ULTIMATE
VARIES
6'
14' LANE
12' LANE
18'
12' LANE
14' LANE
6'
VARIES
0.5'
2'
2'
FOC
SDWLK
PROP ROW
2.0%
2.0%
PGL
6:1 (USUAL)
4:1 (MAX)
1.5%
1.5%

PROPOSED FM 1641
NTS

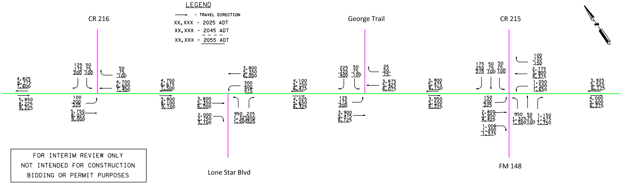

℄ FM 148
ROW 80'
15'
25'
25'
15'
0.5'
2'
2'
FOC
11.5' LANE
11' LANE
11' LANE
11.5' LANE
PROP ROW
2.0%
2.0%
PGL
6:1 (USUAL)
4:1 (MAX)

EXISTING/PROPOSED FM 148
NTS

PROPERTY ID	NAME	MAILING ADDRESS
WB56	ALMO INVESTMENT LTD	PO BOX 2599, WAXAHACHIE, TX 75168
WB57	WILLIAMS KATHERINE R	10464 E NW HWY STE B, DALLAS, TX 75238
WB58	ADAMS THOMAS & DEBRA	PO BOX 694, FORNEY, TX 75126
WB59	ZAVADIL HENRY J	PO BOX 1448, FORNEY, TX 75125
WB60	LUNA HELEN MARIE	PO BOX 183, FORNEY, TX 75126
WB61	PRESS FREDRICK L & DELAURA	1672 FRANKFORD DR, FORNEY, TX 75126
WB62	MARTIN KEVIN R & CARRIE R	9028 FM RD 1641, TERRELL, TX 75160
WB63	ADCOCK MIKE SR	11285 FM 2932, FORNEY, TX 75126
WB65	ESCARZAGA JESUS & MARTHA GARCIA	8992 FM RD 1641, TERRELL, TX 75160
WB66	HART BYRD REAL ESTATE LLC	1012 HELMS TRAIL, FORNEY, TX 75126
WB67	CARTER CARY L	PO BOX 154, CRANDALL, TX 75114
WB68	VILLALPANDO ROBERTO	8938 FM RD 1641 TERRELL, TX 75160
WB72	BAIMA KIMBERLEE	8856 FM 1641, TERRELL, TX 75160
WB73	FLOURNOY JAMES & CAROLYN	13149 GLENWOOD TR, FORNEY, TX 75126
WB74	SIERRA ZEFERINO & IRENE	PO BOX 1148, FORNEY, TX 75126-1148
WB75	SHEFFIELD PROPERTIES INC	PO BOX 69, ROCKWALL, TX 75087
WB77	GREINER ROBERT	8036 AMELIA WAY, TERRELL, TX 75160-0196
WB79	MORRIS CATHERINE	7099 N FM RD 148, TERRELL, TX 75160
EB27	BARRETT PATRICK & BECKY FRANCES	1349 W ALAMOSA DR, TERRELL, TX 75160

PROPERTY ID	NAME	MAILING ADDRESS
EB30	HOWARD CATHERINE & KYLE	1243 W ALAMOSA DR, TERRELL, TX 75160
EB31	GARTHOFF MICHAEL & PAULA	1219 WEST ALAMOSA DRIVE, TERRELL, TX 75160
EB33	CHATMAN CHAD	1147 W ALAMOSA DR, TERRELL, TX 75160
EB34	DOWNING CHARLES E	1121 W ALAMOSA, TERRELL, TX 75160
EB35	BRYANT ALICIA & STEVEN V	1085 W ALAMOSA DR, TERRELL, TX 75160
EB36	ALEXANDER EDWARD L & CONNIE	1051 W ALAMOSA, TERRELL, TX 75160
EB37	CARDONA GERARDO & CHRISTINA	1027 E ALAMOSA DR, TERRELL , TX 75160
EB38	FANSELOW JAMES R & AMANDA A	1051 E ALAMOSA DR, TERRELL, TX 75160
EB39	GULLEY RODGER E	1085 E ALAMOSA DR, TERRELL, TX 75160
EB40	PRESTON CHARLES E & CLARENCE O	1129 ALAMOSA DR, TERRELL, TX 75160
EB41	SANCHEZ NOE	1163 E ALAMOSA, TERRELL, TX 75160
EB42	ROEBUCK RICHARD D JR & SEVERINA C	1191 E ALAMOSA DR, TERRELL, TX 75160
EB43	HUH MIN JA	1217 E ALAMOSA, TERRELL, TX 75160
EB46	ARMSTRONG KELVIN W & TONIA L	1299 E ALAMOSA DR, TERRELL, TX 75160
EB47	GILLESPIE JASON	1315 E ALAMOSA DR, TERRELL, TX 75160
EB50	GREINER ROBERT	8036 AMELIA WAY, TERRELL, TX 75160-0196
EB51	KASPER WILFRED A ETAL	8422 CO RD 302, KAUFMAN, TX 75142
EB52	COPE MICHAEL D	8222 WILLOW CIR, TERRELL, TX 75160
EB53	EPIC GLASS & BUILDING SERVICES INC	PO BOX 2189, FORNEY, TX 75126

CURVE NO.	DELTA	DEGREE
FM1641-16	21° 04' 11.17" (LT)	5° 12' 31.35"
XFM148-1	3° 44' 57.80" (LT)	3° 34' 51.55"
XFM148-2	4° 00' 23.15" (RT)	3° 49' 10.99"


LEGEND
- TRAVEL DIRECTION
XX,XXX - 2025 ADT
XX,XXX - 2045 ADT
XX,XXX - 2055 ADT
CR 216
Lone Star Blvd
George Trail
CR 215
FM 148
4,825 6,775 7,600
5,850 8,225 9,225
125 175 200
50 75 100
50 75 100
4,700 6,600 7,400
100 200 225
5,750 8,025 9,000
4,750 6,675 7,500
5,800 8,100 9,100
3,800 5,350 6,000
300 400 475
3,800 5,350 6,000
2,000 2,750 3,100
950 1,325 1,500
225 300 325
4,100 5,750 6,475
4,025 5,650 6,325
225 325 400
50 75 100
25 50 75
3,875 5,425 6,075
125 175 200
3,900 5,475 6,125
3,900 5,475 6,150
3,950 5,550 6,225
175 250 275
50 75 100
50 75 100
100 125 150
2,775 3,900 4,375
1,050 1,500 1,650
150 200 225
2,800 3,950 4,425
1,000 1,400 1,575
950 1,325 1,500
50 75 100
1,150 1,575 1,750
3,925 5,525 6,175
4,000 5,600 6,275

FOR INTERIM REVIEW ONLY
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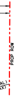
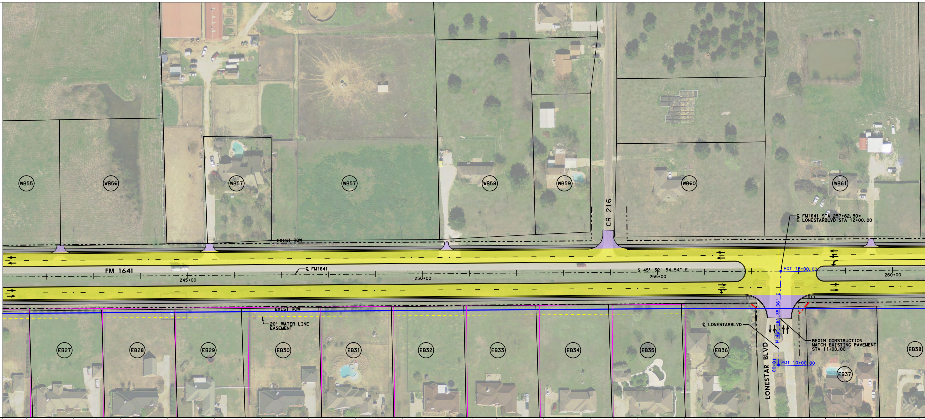
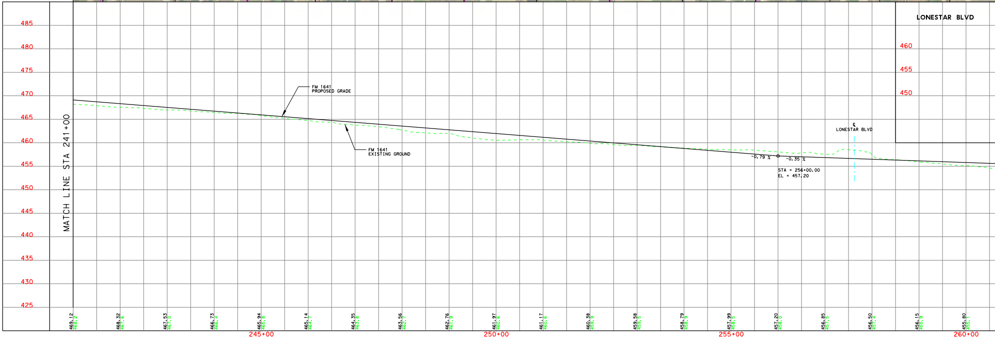
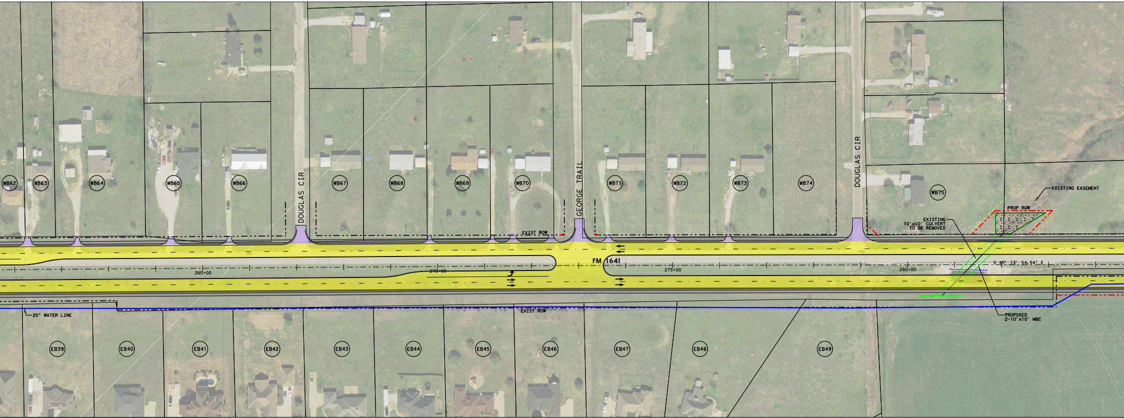
BIDDING OR PERMIT PURPOSES

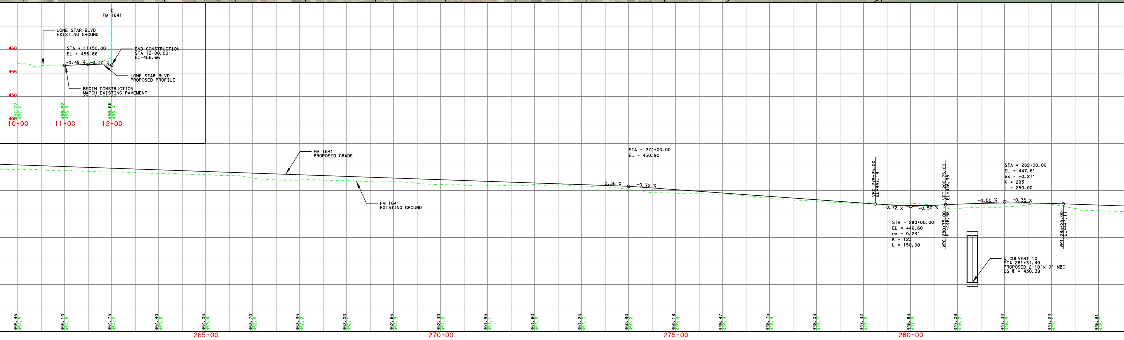

PROP ROW
AL)
AX)

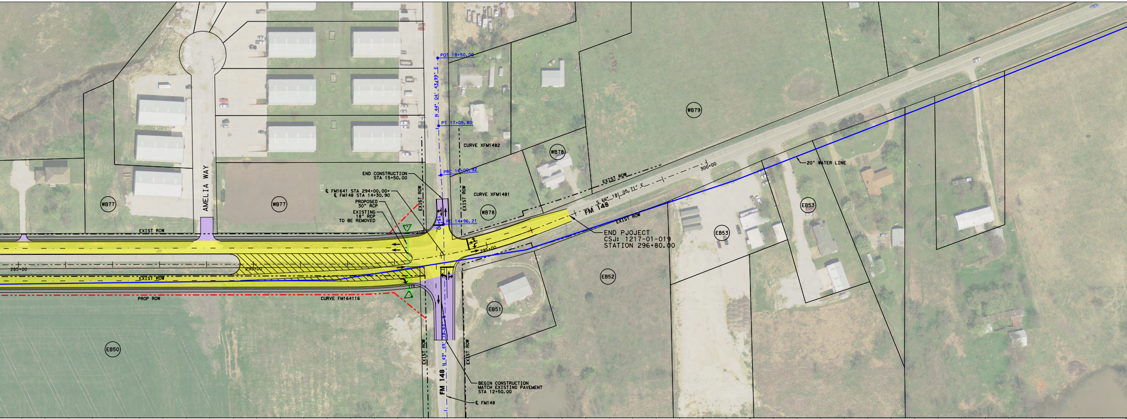
TANGENT	LENGTH	RADIUS	PI STA	PC STA	PT STA
204.5658'	404.5105'	1,100.00'	294+06.81	292+02.24	296+06.75
52.3700'	104.7027'	1,600.00'	15+48.58	14+96.21	16+00.92
52.4654'	104.8881'	1,500.00'	16+53.38	16+00.92	17+05.80

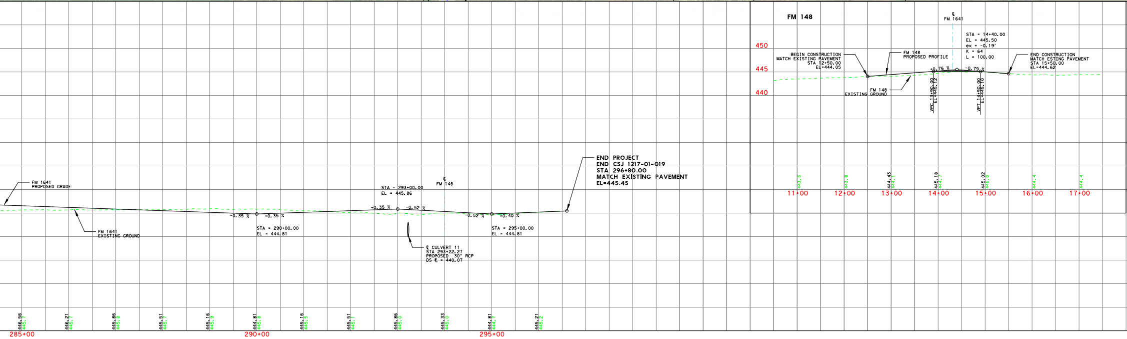

MATCH LINE STA 241+00
WB55
WB56
WB57
WB57
WB58
WB59
WB60
WB61
CR 216
EXIST ROW
FM 1641
℄ FM1641
245+00
250+00
S 45° 32' 54.54" E
255+00
℄ FM1641 STA 257+62.30=
℄ LONESTARBLVD STA 12+00.00
POT 12+00.00
260+00
EXIST ROW
20' WATER LINE EASEMENT
EB27
EB28
EB29
EB30
EB31
EB32
EB33
EB34
EB35
EB36
EB37
EB38
℄ LONESTARBLVD
N 46° 16' 35.06" E
LONESTAR BLVD
10+00
POT 10+00.00
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 11+00.00

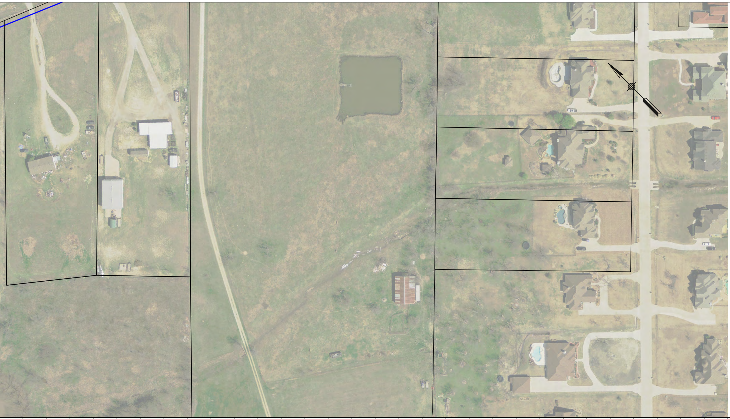

MATCH LINE STA 241+00
485
480
475
470
465
460
455
450
445
440
435
430
425
FM 1641 PROPOSED GRADE
FM 1641 EXISTING GROUND
-0.79 %
-0.35 %
STA = 256+00.00
EL = 457.20
℄ LONESTAR BLVD
LONESTAR BLVD
460
455
450
469.12
468.2
468.32
467.6
467.53
467.0
466.73
466.4
465.94
465.8
465.14
464.7
464.35
463.8
463.56
462.7
462.76
461.9
461.97
460.6
461.17
460.6
460.38
459.9
459.58
459.5
458.79
458.9
457.99
458.5
457.20
458.0
456.85
457.5
456.50
457.4
456.15
455.9
455.80
455.1
245+00
250+00
255+00
260+00

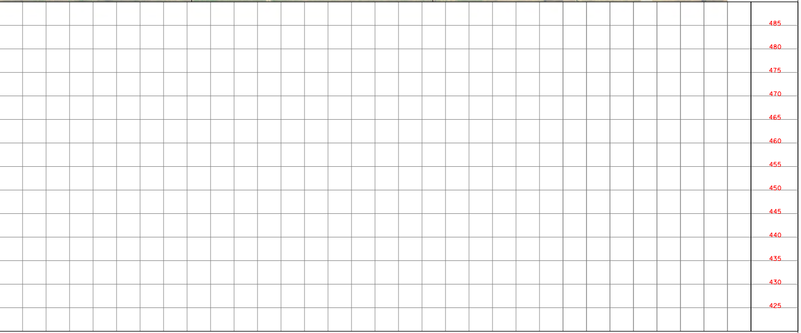

WB62
WB63
WB64
WB65
WB66
DOUGLAS CIR
WB67
WB68
WB69
WB70
EXIST ROW
GEORGE TRAIL
WB71
WB72
WB73
WB74
DOUGLAS CIR
WB75
EXISTING EASEMENT
PROP ROW
EXISTING 10'x10' CULVERT TO BE REMOVED
FM 1641
265+00
270+00
275+00
280+00
S 46° 13' 54.54" E
20" WATER LINE
EXIST ROW
PROPOSED 2-10'x10' MBC
EB39
EB40
EB41
EB42
EB43
EB44
EB45
EB46
EB47
EB48
EB49


℄ FM 1641
LONE STAR BLVD EXISTING GROUND
STA = 11+50.00
EL = 456.86
+0.48 %
-0.40 %
END CONSTRUCTION STA 12+00.00 EL=456.66
LONE STAR BLVD PROPOSED PROFILE
BEGIN CONSTRUCTION MATCH EXISTING PAVEMENT
460
455
450
400
457.02
457.0
456.62
456.6
456.66
458.4
10+00
11+00
12+00
FM 1641 PROPOSED GRADE
FM 1641 EXISTING GROUND
STA = 274+00.00
EL = 450.90
-0.35 %
-0.72 %
VPC 279+25.00 EL=447.14
-0.72 %
+0.50 %
VPT 280+75.00 EL=446.98
STA = 280+00.00
EL = 446.60
ex = 0.23'
K = 123
L = 150.00
VPC 280+75.00 EL=446.98
+0.50 %
-0.35 %
STA = 282+00.00
EL = 447.61
ex = -0.27'
K = 293
L = 250.00
VPT 283+25.00 EL=447.17
℄ CULVERT 10
STA 281+31.49
PROPOSED 2-10'x10' MBC
DS FL = 430.38
455.45
454.5
455.10
454.3
454.75
454.0
454.40
453.6
454.05
453.4
453.70
452.6
453.35
452.2
453.00
452.1
452.65
451.9
452.30
451.2
451.95
451.1
451.60
451.3
451.25
451.0
450.90
450.2
450.18
449.4
449.47
449.3
448.75
448.4
448.03
447.7
447.32
447.2
446.83
447.3
447.09
446.2
447.34
446.5
447.24
447.1
446.91
445.7
265+00
270+00
275+00
280+00


AMELIA WAY
WB77
WB77
WB78
WB78
WB79
EB50
EB51
EB52
EB53
EB53
POT 18+50.00
N 44° 04' 43.99" E
PT 17+05.80
CURVE XFM1482
PRC 16+00.92
END CONSTRUCTION
STA 15+50.00
CURVE XFM1481
℄ FM1641 STA 294+00.00=
℄ FM148 STA 14+30.90
PROPOSED
30" RCP
EXISTING
18" RCP
TO BE REMOVED
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
PROP ROW
PC 14+96.21
15+00
285+00
290+00
295+00
300+00
S 66° 18' 05.71" E
FM 148
END PJOJECT
CSJ: 1217-01-019
STATION 296+80.00
20" WATER LINE
CURVE FM164116
18.63" W
N 43° 49'
FM 148
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 12+50.00
℄ FM148


FM 148
℄
FM 1641
450
445
440
BEGIN CONSTRUCTION
MATCH EXISTING PAVEMENT
STA 12+50.00
EL=444.05
FM 148
PROPOSED PROFILE
STA = 14+40.00
EL = 445.50
ex = -0.19'
K = 64
L = 100.00
+0.76 %
-0.79 %
END CONSTRUCTION
MATCH ESTING PAVEMENT
STA 15+50.00
EL=444.62
FM 148
EXISTING GROUND
VPC 13+90.00
EL=445.12
VPT 14+90.00
EL=445.10
443.5
443.8
444.43
444.1
445.18
444.7
445.02
445.0
444.4
444.4
11+00
12+00
13+00
14+00
15+00
16+00
17+00
FM 1641
PROPOSED GRADE
FM 1641
EXISTING GROUND
-0.35 %
+0.35 %
STA = 290+00.00
EL = 444.81
STA = 293+00.00
EL = 445.86
+0.35 %
-0.52 %
℄
FM 148
-0.52 %
+0.40 %
STA = 295+00.00
EL = 444.81
℄ CULVERT 11
STA 293+22.27
PROPOSED 30" RCP
DS ℄ = 440.07
END PROJECT
END CSJ 1217-01-019
STA 296+80.00
MATCH EXISTING PAVEMENT
EL=445.45
446.56
445.7
446.21
445.7
445.86
445.8
445.51
445.7
445.16
445.9
444.81
445.8
445.16
445.5
445.51
445.1
445.86
445.0
445.33
445.0
444.81
444.7
445.21
445.2
285+00
290+00
295+00





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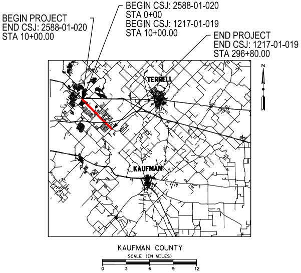
DALLAS DISTRICT
PRELIMINARY DESIGN SCHEMATIC

MOHAMED K. BUR, P.E.
DISTRICT ENGINEER

FM 548 / FM 1641

FROM: FM 1641 TO: US 80
CSJ: 2588-01-020
FROM: 548 TO: FM 148
CSJ: 1217-01-019

KAUFMAN COUNTY
FUNCTIONAL CLASS: URBAN MINOR ARTERIAL
PROJECT LENGTH: 5.62 MILES
FM 1641 DESIGN SPEED: 45 MPH
CROSS-ST DESIGN SPEED: 30 MPH


BEGIN PROJECT
END CSJ: 2588-01-020
STA 10+00.00

BEGIN CSJ: 2588-01-020
STA 0+00
BEGIN CSJ: 1217-01-019
STA 10+00.00

END PROJECT
END CSJ: 1217-01-019
STA 296+80.00

TERRELL
KAUFMAN
N
SCALE (IN MILES)
0
3
6
9
12

KAUFMAN COUNTY

DALLAS DISTRICT

Scale: Horizontal 1"=100'
Scale: Vertical 1"=10'

JULY 2019

PRELIMINARY
SUBJECT TO REVISIONS

SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BARRY D. HEARD	85478
KARA K. HUFFMAN	88525

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