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**Texas Department of Transportation**

## DALLAS DISTRICT

CEASON CLEMENS, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

# 60% SUBMITTAL

## ROCKWALL COUNTY

# FM 548

FROM: SH 66

TO: SOUTH OF CRENSHAW RD

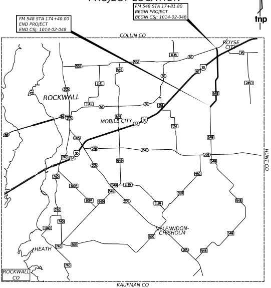
PROJECT LENGTH: 2.966 MILES (15,658.17 FT)

TERRAIN (LEVEL)

## CSJ: 1014-02-048

| ROADWAY SECTION | DESIGN SPEED | FUNCTIONAL CLASS |
|---|---|---|
| FM 548 | 40 MPH | URBAN COLLECTOR STREET |
| SH 66 | 45 MPH | URBAN PRINCIPAL ARTERIAL |
| FRONT ST | 30 MPH | LOCAL |
| E FABER ST / W FABER ST | 30 MPH | LOCAL |
| E LAMAR ST / W LAMAR ST | 30 MPH | LOCAL |
| E PEARL ST / W PEARL ST | 30 MPH | LOCAL |
| E OLD GREENVILLE RD / W OLD GREENVILLE RD | 30 MPH | LOCAL |
| WB IH 30 FRONTAGE RD | 45 MPH | INTERSTATE FRONTAGE ROAD |
| EB IH 30 FRONTAGE RD | 45 MPH | INTERSTATE FRONTAGE ROAD |
| PULLEN ST | 30 MPH | LOCAL |
| LAKES DR | 30 MPH | LOCAL |
| SINGLETON DR | 30 MPH | LOCAL |

## PROJECT LOCATION


FM 548 STA 17+81.80
BEGIN PROJECT
BEGIN CSJ: 1014-02-048
FM 548 STA 174+40.00
END PROJECT
END CSJ: 1014-02-048
tnp
COLLIN CO
ROYSE CITY
ROCKWALL
MOBILE CITY
McLENNDON-CHISHOLM
HEATH
ROCKWALL CO
DALLAS CO
HUNT CO
KAUFMAN CO
552
549
1141
205
66
30
740
3097
1139
550
548
276
2453
1138
35
67

PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230

DATE APPROVED

This document is for interim review and is not intended for construction, bidding or permit purposes.

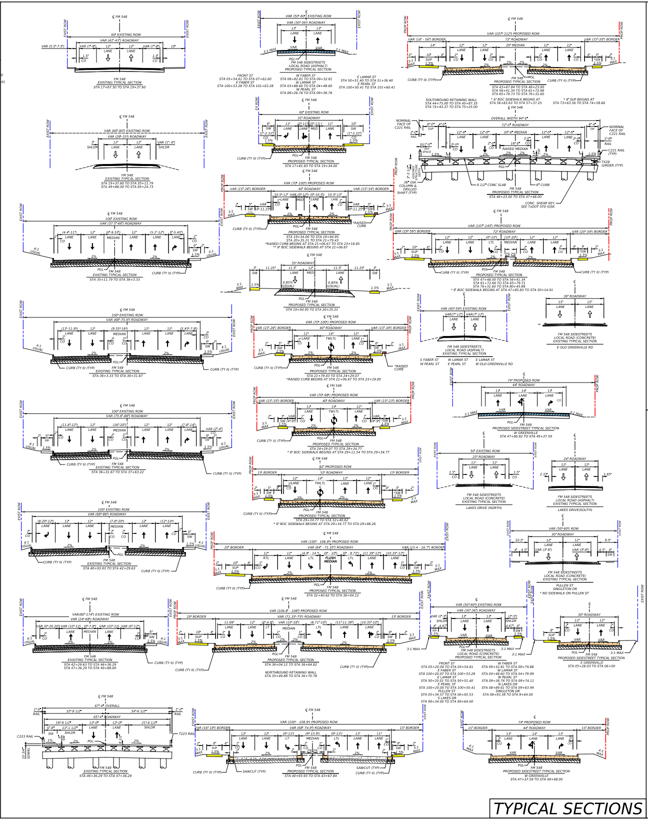
Jeffrey W. Phillipp,
P.E. Tx. Reg. 129834
5/8/2024

teague nall and perkins, inc

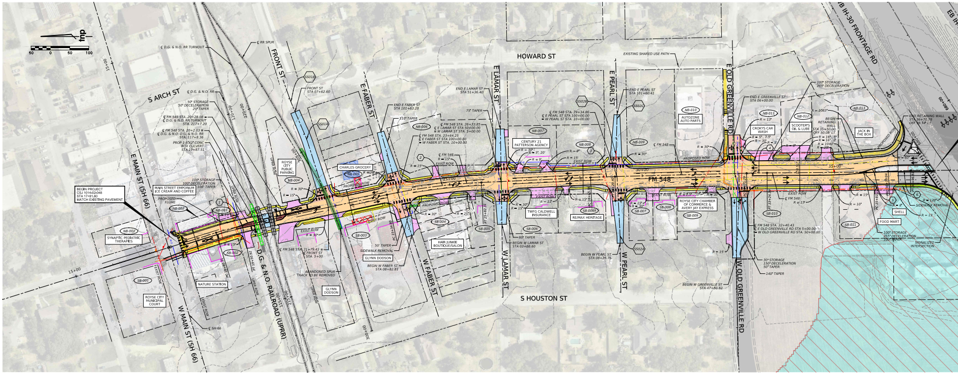
ROLL 1 OF 4

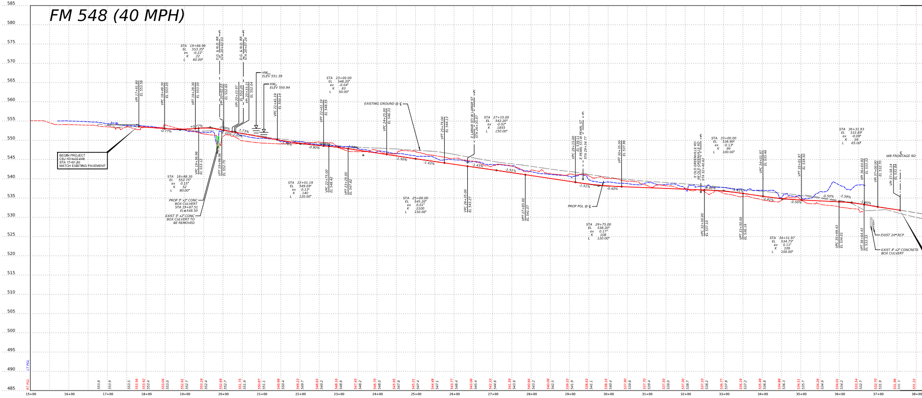
MAY 2024

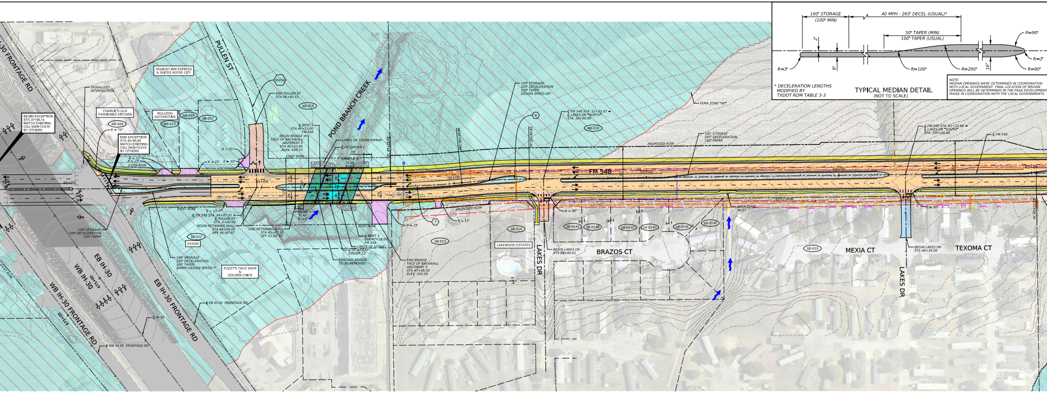
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

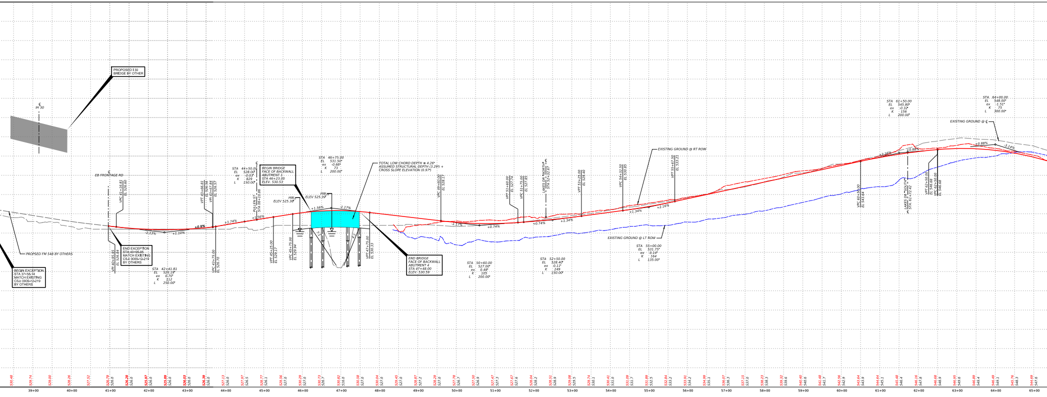

FM 548
EXISTING TYPICAL SECTION
STA 17+67.50 TO STA 19+37.60
FM 548 SIDESTREETS
LOCAL ROAD (ASPHALT)
PROPOSED TYPICAL SECTION
FRONT ST
STA 05+54.61 TO STA 07+62.60
E FABER ST
STA 100+53.28 TO STA 101+63.28
W FABER ST
STA 08+82.81 TO STA 09+32.81
W LAMAR ST
STA 03+88.60 TO STA 04+48.60
W PEARL ST
STA 08+26.76 TO STA 09+36.76
E LAMAR ST
STA 50+51.40 TO STA 51+36.40
E PEARL ST
STA 100+50.41 TO STA 101+60.41
FM 548
PROPOSED TYPICAL SECTION
STA 43+67.84 TO STA 46+23.00
STA 56+41.34 TO STA 61+72.66
STA 65+79.73 TO STA 76+31.60
FM 548
EXISTING TYPICAL SECTION
STA 19+37.60 TO STA 35+11.79
STA 49+88.00 TO STA 85+24.73
FM 548
PROPOSED TYPICAL SECTION
STA 17+81.83 TO STA 19+34.00
FM 548
PROPOSED TYPICAL SECTION
STA 46+23.00 TO STA 47+48.00
FM 548
EXISTING TYPICAL SECTION
STA 35+11.79 TO STA 36+3.33
FM 548
PROPOSED TYPICAL SECTION
STA 19+34.00 TO STA 19+94.95
STA 20+35.21 TO STA 21+79.43
FM 548
PROPOSED TYPICAL SECTION
STA 47+48.00 TO STA 56+41.34
STA 61+72.66 TO STA 65+79.71
STA 76+31.60 TO STA 80+45.89
FM 548
PROPOSED TYPICAL SECTION
STA 19+94.95 TO STA 20+35.21
FM 548 SIDESTREETS
LOCAL ROAD (ASPHALT)
EXISTING TYPICAL SECTION
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
E OLD GREENVILLE RD
FM 548
EXISTING TYPICAL SECTION
STA 36+3.33 TO STA 36+31.67
FM 548
PROPOSED TYPICAL SECTION
STA 21+79.43 TO STA 24+29.07
FM 548
PROPOSED SIDESTREET TYPICAL SECTION
W GREENVILLE
STA 47+80.82 TO STA 49+37.59
FM 548
EXISTING TYPICAL SECTION
STA 36+31.67 TO STA 37+63.22
FM 548
PROPOSED TYPICAL SECTION
STA 24+29.07 TO STA 29+34.77
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
LAKES DRIVE (NORTH)
FM 548 SIDESTREETS
LOCAL ROAD (ASPHALT)
EXISTING TYPICAL SECTION
LAKES DRIVE(SOUTH)
FM 548
EXISTING TYPICAL SECTION
STA 40+93.93 TO STA 42+29.63
FM 548
PROPOSED TYPICAL SECTION
STA 29+34.77 TO STA 32+40.62
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
PULLEN ST
SINGLETON DR
FM 548
PROPOSED TYPICAL SECTION
STA 32+40.62 TO STA 36+04.12
FM 548
EXISTING TYPICAL SECTION
STA 42+29.63 TO STA 46+36.29
STA 47+36.29 TO STA 49+88.00
FM 548
PROPOSED TYPICAL SECTION
STA 36+04.12 TO STA 36+64.82
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
PROPOSED TYPICAL SECTION
FM 548
PROPOSED SIDESTREET TYPICAL SECTION
E GREENVILLE
STA 05+26.03 TO STA 06+00
FM 548
EXISTING TYPICAL SECTION
STA 46+36.29 TO STA 47+36.29
FM 548
PROPOSED TYPICAL SECTION
STA 40+93.93 TO STA 43+67.84
FM 548
PROPOSED SIDESTREET TYPICAL SECTION
W GREENVILLE
STA 47+37.59 TO STA 49+68.00
LANE
MEDIAN
TWLTL
SW
CO
SHLDR
PGL
CURB (TY II) (TYP)
EXIST ROW
PROP ROW
3:1 MAX
4:1 USUAL
2%
1.5%

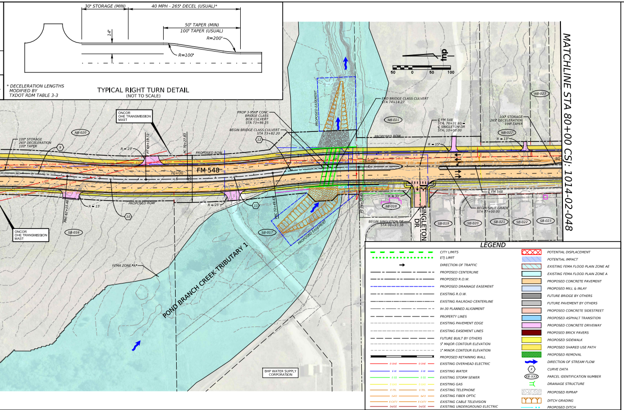
## TYPICAL SECTIONS


0
50
100
S ARCH ST
HOWARD ST
FRONT ST
E FABER ST
E LAMAR ST
E PEARL ST
E OLD GREENVILLE RD
WB IH-30 FRONTAGE RD
EB IH
E MAIN ST (SH 66)
W MAIN ST (SH 66)
D.G. & N.O. RAILROAD (UPRR)
W FABER ST
W LAMAR ST
W PEARL ST
W OLD GREENVILLE RD
S HOUSTON ST
FM 548
15+00
25+00
30+00
35+00
℄ RR SPUR
℄ D.G. & N.O. RR TURNOUT
℄ D.G. & N.O. RR
50' STORAGE
50' DECELERATION
20' TAPER
℄ FM 548 STA. 20+28.08 = ℄ D.G. & N.O. RR TURNOUT STA. 217+7.20
℄ FM 548 STA. 20+2.03 = ℄ D.G. & N.O. D.G. & N.O. RR STA. 117+8.36
PROP 1-5'X2' CONC BOX CULVERT STA 19+87.51
100' STORAGE
100' DECELERATION
100' TAPER
BEGIN PROJECT
CSJ 1014-02-048
STA 17+81.80
MATCH EXISTING PAVEMENT
MAIN STREET EMPORIUM ICE CREAM AND COFFEE
PROPOSED FLUME
SYNAPTIC PEDIATRIC THERAPIES
ROYSE CITY MUNICIPAL COURT
NATURE STATION
ROYSE CITY PUBLIC PARKING
CHARLES GROCERY
GLYNN DODSON
HAIR JUNKIE BOUTIQUE/SALON
CENTURY 21 PATTERSON AGENCY
TWFG CALDWELL INSURANCE
RE/MAX HERITAGE
AUTOZONE AUTO PARTS
ROYSE CITY CHAMBER OF COMMERCE & AVERY JAY EXPRESS
CROKYS CAR WASH
SCOOTER'S OIL & LUBE
JACK IN THE BOX
SHELL
FOOD MART
NB-001
NB-002
NB-003
NB-004
NB-005
NB-006
NB-007
NB-008
NB-009
NB-010
NB-011
NB-012
NB-013
SB-001
SB-002
SB-003
SB-004
SB-005
SB-006
SB-006A
SB-007
SB-008
SB-009
SB-010
SB-011
SS01A
SS01B
SS02A
SS02B
SS02C
1
2
3
4
5
6
120+00
220+00
300+00
215+00
115+00
300+00
FRONT ST STA 07+62.60
END E FABER ST STA 101+63.28
110' TAPER
℄ FM 548 STA. 23+64.25 = ℄ E FABER ST STA 100+00.00 = W FABER ST STA. 10+00.00
℄ FM 548 STA. 21+79.43 = ℄ FRONT ST STA. 5+00
ABANDONED SPUR TRACK TO BE REMOVED
50' TAPER
SIDEWALK REMOVAL
BEGIN W FABER ST STA 08+82.81
PC 23+34.80
PT 19+50.92
PC 18+80.92
℄ SH-66
UPRR ROW
EXIST ROW
PROPOSED ROW
R = 15'
R = 30'
R = 25'
℄ FM 548
END E LAMAR ST STA 51+36.40
75' TAPER
℄ FM 548 STA. 26+33.85 = ℄ E LAMAR ST STA 50+00.00 = W LAMAR ST STA. 5+00.00
60' TAPER
BEGIN W LAMAR ST STA 03+88.60
PT 25+82.31
R = 30'
R = 5', 20'
R = 8'
R = 11'
R = 22'
R = 15'
℄ FM 548 STA. 29+34.86 = ℄ E PEARL ST STA 100+00.00 = W PEARL ST STA. 10+00.00
END E PEARL ST STA 101+60.41
PC 28+45.58
PT 29+40
BEGIN W PEARL ST STA 08+26.76
EXISTING SHARED USE PATH
R = 7.5', 10'
END E GREENVILLE ST STA 06+00.00
℄ FM 548 STA. 32+40.43 = E OLD GREENVILLE RD STA 5+00.00 = W OLD GREENVILLE RD STA. 50+00.00
30' STORAGE
150' DECELERATION
50' TAPER
140' TAPER
BEGIN W GREENVILLE ST STA 47+80.82
PT 33+24.39
R = 13'
R = 5', 7.5'
R = 5'
R = 2083'
BEGIN RETAINING WALL STA 35+50.00 OFF 50.08' LT
R = 16', 8'
R = 16', 5'
R = 1040'
R = 25'
100' STORAGE
265' DECELERATION
END RETAINING WALL STA 36+70.78 OFF 58.54' LT
680+00
R = 60'
R = 10'
R = 8'
R = 120'
SIDEWALK REMOVAL
100' STORAGE
265' DECELERATION
100' TAPER
SIGNALIZED INTERSECTION
PC 35+81
PT 36+96.81
PC 36+39.04



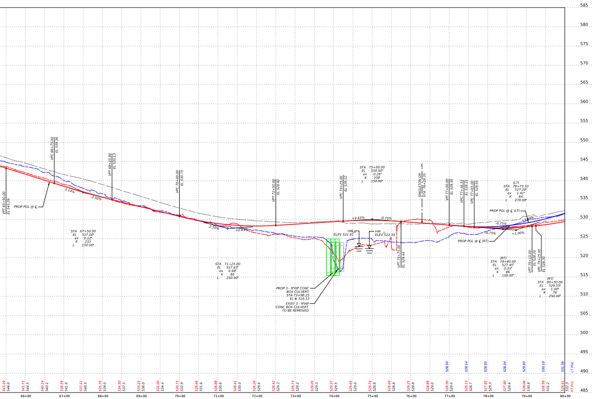

100' STORAGE
(100' MIN)
40 MPH - 265' DECEL (USUAL)*
50' TAPER (MIN)
100' TAPER (USUAL)
2'
6'
16'
R=3'
R=100'
R=200'
R=90'
R=3'
R=90'
* DECELERATION LENGTHS MODIFIED BY TXDOT RDM TABLE 3-3
TYPICAL MEDIAN DETAIL
(NOT TO SCALE)
NOTE:
MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
30 FRONTAGE RD
PULLEN ST
POND BRANCH CREEK
HOLIDAY INN EXPRESS & SUITES ROYSE CITY
SS03A
SIGNALIZED INTERSECTION
END PULLEN ST STA 06+65.53
NB-018
CHARLIE'S OLD FASHIONED KITCHEN
BULLDOG AUTOMOTIVE
NB-014
NB-015
NB-016
NB-017
R = 75'
BEGIN EXCEPTION STA 37+58.14 MATCH EXISTING CSJ: 0009-12-219 BY OTHERS
END EXCEPTION STA 40+95.95 MATCH EXISTING CSJ: 0009-12-219 BY OTHERS
R = 11'
R = 22'
EXIST ROW
R = 25'
R = 30'
℄ BENT 2 STA 46+53.00 FM 548
BEGIN BRIDGE FACE OF BACKWALL ABUTMENT 1 STA 46+23.00 ELEV. 530.53
LIMITS OF STONE RIPRAP
℄ OF GIRDER 1
20'
APPROACH SLAB BAS-C
40+00
45+00
50+00
55+00
60+00
65+00
FM 548
R = 15'
℄ FM 548 STA. 44+87.01 = ℄ PULLEN ST STA. 5+00.00
BEGIN RETAINING WALL STA 44+75.00 OFF 46.00' RT
END RETAINING WALL STA 45+87.35 OFF 43.00' RT
℄ BENT 3 STA 47+18.00 FM 548
LIMITS OF STONE
℄ OF RIPRAP GIRDER 12
EXISTING BRIDGE TO BE REMOVED
100' STORAGE 240' DECELERATION 100' TAPER
SB-012
EXXON
100' STORAGE 150' DECELERATION 100' TAPER 40MPH DESIGN SPEED **
FUZZY'S TACO SHOP & GOLDEN CHICK
℄ EB IH-30 FRONTAGE RD
℄ IH-30
℄ WB IH-30 FRONTAGE RD
EB IH-30
WB IH-30
675+00
EB IH-30 FRONTAGE RD
WB IH-30 FRONTAGE RD
EXIST ROW
PC 48+35.05
PRC 50+19.86
PT 51+95.85
100' STORAGE 205' DECELERATION 100' TAPER DESGIN SPEED 40"
8
7
℄ FM 548 STA. 52+32.67 = ℄ LAKES DR "NORTH" STA. 10+00.00
NB-019
PROPOSED ROW
R = 25'
R = 15'
R = 30'
END BRIDGE FACE OF BACKWALL ABUTMENT 4 STA 47+48.00 ELEV. 530.59
SB-013
SB-014
LAKEWOOD ESTATES
LAKES DR
BEGIN LAKES DR STA 08+89.61
BRAZOS CT
SB-014A
SB-014B
SB-014C
SB-014D
SB-014E
SB-014F
FEMA ZONE "AE"
100' STORAGE 265' DECELERATION 100' TAPER
AREA ZONE INLET
℄ FM 548 STA. 61+72.66 = ℄ LAKES DR "SOUTH" STA. 100+00.00
℄ FM 548
SB-015
MEXIA CT
TEXOMA CT
BEGIN LAKES DR STA 98+36.09
PC 65+12.53




30' STORAGE (MIN)
40 MPH - 265' DECEL (USUAL)*
50' TAPER (MIN)
100' TAPER (USUAL)
R=200'
R=100'
14'
* DECELERATION LENGTHS MODIFIED BY TXDOT RDM TABLE 3-3
TYPICAL RIGHT TURN DETAIL
(NOT TO SCALE)
MATCHLINE STA 80+00 CSJ: 1014-02-048
FM 548
POND BRANCH CREEK TRIBUTARY 1
FEMA ZONE "A"
ONCOR OHE TRANSMISSION MAST
PROP 3-9'X8' CONC BRIDGE CLASS BOX CULVERT STA 73+98.25
BEGIN BRIDGE CLASS CULVERT STA 73+82.20
END BRIDGE CLASS CULVERT STA 74+14.27
PROPOSED EASEMENT
PROPOSED ROW
C FM 548 STA. 76+31.60 = C SINGLETON DR STA. 10+08.00
100' STORAGE 265' DECELERATION 100' TAPER
BEGIN SINGLETON DR STA 08+93.38
BEGIN SPLIT GRADE STA 77+00.00
SINGLETON DR
BHP WATER SUPPLY CORPORATION
NB-020
NB-021
NB-022
NB-023
SB-016
SB-017
SB-018
SB-019
SB-020
SB-021
SB-022
SB-023
50 0 50 100

LEGEND

| | |
|---|---|
| - - - | CITY LIMITS |
| • • • | ETJ LIMIT |
| → | DIRECTION OF TRAFFIC |
| — - — | PROPOSED CENTERLINE |
| — - — | PROPOSED R.O.W. |
| - - - | PROPOSED DRAINAGE EASEMENT |
| — - — | EXISTING R.O.W. |
| — · — | EXISTING RAILROAD CENTERLINE |
| — - — | IH-30 PLANNED ALIGNMENT |
| — — — | PROPERTY LINES |
| - - - | EXISTING PAVEMENT EDGE |
| - - - | EXISTING EASEMENT LINES |
| — — — | FUTURE BUILT BY OTHERS |
| - - - | 5' MAJOR CONTOUR ELEVATION |
| - - - | 1' MINOR CONTOUR ELEVATION |
| ▬ | PROPOSED RETAINING WALL |
| — E-OHE — | EXISTING OVERHEAD ELECTRIC |
| — E-W — | EXISTING WATER |
| — E-SS — | EXISTING STORM SEWER |
| — E-GAS — | EXISTING GAS |
| — E-TEL — | EXISTING TELEPHONE |
| — E-FO — | EXISTING FIBER OPTIC |
| — E-CATV — | EXISTING CABLE TELEVISION |
| — E-UGE — | EXISTING UNDERGROUND ELECTRIC |
| ☒ | POTENTIAL DISPLACEMENT |
| ▨ | POTENTIAL IMPACT |
| ▨ | EXISTING FEMA FLOOD PLAIN ZONE AE |
| ▭ | EXISTING FEMA FLOOD PLAIN ZONE A |
| 🟧 | PROPOSED CONCRETE PAVEMENT |
| ▭ | PROPOSED MILL & INLAY |
| ■ | FUTURE BRIDGE BY OTHERS |
| ■ | FUTURE PAVEMENT BY OTHERS |
| ▭ | PROPOSED CONCRETE SIDESTREET |
| 🟦 | PROPOSED ASPHALT TRANSITION |
| 🟪 | PROPOSED CONCRETE DRIVEWAY |
| 🟫 | PROPOSED BRICK PAVERS |
| 🟨 | PROPOSED SIDEWALK |
| 🟨 | PROPOSED SHARED USE PATH |
| 🟩 | PROPOSED REMOVAL |
| → | DIRECTION OF STREAM FLOW |
| ⬡ X | CURVE DATA |
| XB-XXX | PARCEL IDENTIFICATION NUMBER |
| ⋎ | DRAINAGE STRUCTURE |
| ▨ | PROPOSED RIPRAP |
| YYY | DITCH GRADING |
| — • • | PROPOSED DITCH |



# FM548 CURVE DATA

CENTERLINE FM548 CURVE DATA

| CURVE NO. | CURVE | P.I. STATION | P.I. STATION - N | P.I. STATION - E | DELTA | RADIUS | DEGREE | TANGENT | LENGTH | CHORD BEARING | CHORD LENGTH | P.C. STATION | P.T. STATION | BACK TANGENT | AHEAD TANGENT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POT | | 10+00.00 | 7046306.32 | 2633289.44 | | | | 880.31 | | | | | | | S 17.37° E |
| 1 | | 19+15.64 | 7045432.42 | 2633562.73 | 5.26° R | 770.00 | 7.44° | 35.33 | 70.62 | S 14.74° E | 70.59 | 18+80.30 | 19+50.92 | S 17.37° E | S 12.11° E |
| 2 | | 24+58.84 | 7044901.26 | 2633676.70 | 9.45° R | 1,500.00 | 3.82° | 124.04 | 247.51 | S 7.38° E | 247.23 | 23+34.80 | 25+82.31 | S 12.11° E | S 2.66° E |
| 3 | | 28+97.68 | 7044462.33 | 2633697.07 | 1.21° R | 3,000.00 | 1.91° | 31.72 | 63.43 | S 2.05° E | 63.43 | 28+65.96 | 29+29.40 | S 2.66° E | S 1.45° E |
| 4 | | 32+97.84 | 7044062.30 | 2633707.16 | 1.01° R | 3,000.00 | 1.91° | 26.55 | 53.10 | S 0.94° E | 53.10 | 32+71.29 | 33+24.39 | S 1.45° E | S 0.43° E |
| 5 | | 36+10.16 | 7043749.98 | 2633709.50 | 3.18° L | 1,040.00 | 5.51° | 28.89 | 57.77 | S 2.02° E | 57.77 | 35+81.27 | 36+39.04 | S 0.43° E | S 3.61° E |
| 6 | | 36+67.93 | 7043692.31 | 2633713.15 | 3.18° R | 1,040.00 | 5.51° | 28.89 | 57.77 | S 2.02° E | 57.76 | 36+39.04 | 36+96.81 | S 3.61° E | S 0.43° E |
| 7 | | 49+27.52 | 7042432.74 | 2633722.60 | 5.30° L | 2,000.00 | 2.87° | 92.47 | 184.81 | S 3.07° E | 184.75 | 48+35.05 | 50+19.86 | S 0.42° E | S 5.72° E |
| 8 | | 51+07.91 | 7042253.11 | 2633740.58 | 5.04° R | 2,000.00 | 2.87° | 88.05 | 175.99 | S 3.20° E | 175.94 | 50+19.86 | 51+95.85 | S 5.72° E | S 0.68° E |
| 9 | | 66+14.09 | 7040746.93 | 2633758.32 | 6.12° R | 1,900.00 | 3.02° | 101.56 | 202.93 | S 2.39° W | 202.84 | 65+12.53 | 67+15.46 | S 0.68° E | S 5.45° W |
| 10 | | 68+17.69 | 7040544.06 | 2633738.99 | 6.16° L | 1,900.00 | 3.02° | 102.23 | 204.26 | S 2.37° W | 204.16 | 67+15.46 | 69+19.72 | S 5.45° W | S 0.72° E |
| 11 | | 71+38.76 | 7040222.81 | 2633743.00 | 6.68° L | 1,900.00 | 3.02° | 110.93 | 221.60 | S 4.06° E | 221.48 | 70+27.83 | 72+49.43 | S 0.72° E | S 7.40° E |
| 12 | | 73+61.57 | 7040001.61 | 2633771.71 | 6.76° R | 1,900.00 | 3.02° | 112.14 | 224.01 | S 4.02° E | 223.88 | 72+49.43 | 74+73.45 | S 7.40° E | S 0.64° E |

CENTERLINE FRONT ST CURVE DATA

| CURVE NO. | CURVE | P.I. STATION | P.I. STATION - N | P.I. STATION - E | DELTA | RADIUS | DEGREE | TANGENT | LENGTH | CHORD BEARING | CHORD LENGTH | P.C. STATION | P.T. STATION | BACK TANGENT | AHEAD TANGENT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SS01A | | 6+85.06 | 7045230.61 | 2633794.42 | 5.42° L | 350.00 | 16.37° | 16.56 | 33.09 | N 69.63° E | 33.08 | 6+68.51 | 7+01.60 | N 72.34° E | N 66.92° E |
| SS01B | | 7+90.78 | 7045272.06 | 2633891.69 | 3.58° R | 350.00 | 16.37° | 10.92 | 21.84 | N 68.71° E | 21.83 | 7+79.85 | 8+01.69 | N 66.92° E | N 70.49° E |

CENTERLINE PEARL ST CURVE DATA

| CURVE NO. | CURVE | P.I. STATION | P.I. STATION - N | P.I. STATION - E | DELTA | RADIUS | DEGREE | TANGENT | LENGTH | CHORD BEARING | CHORD LENGTH | P.C. STATION | P.T. STATION | BACK TANGENT | AHEAD TANGENT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SS02A | | 8+52.02 | 7044417.42 | 2633550.22 | 2.20° L | 800.00 | 7.16° | 15.34 | 30.68 | N 88.10° E | 30.68 | 8+36.68 | 8+67.35 | N 89.20° E | N 87.00° E |
| SS02B | | 100+56.38 | 7044427.87 | 2633754.33 | 3.00° R | 350.00 | 16.37° | 9.16 | 18.31 | S 89.95° E | 18.31 | 100+47.22 | 100+65.53 | N 88.56° E | S 88.45° E |
| SS02C | | 101+63.17 | 7044424.98 | 2633861.09 | 3.11° L | 1,000.00 | 5.73° | 27.18 | 54.34 | N 90.00° E | 54.34 | 101+35.99 | 101+90.34 | S 88.45° E | N 88.44° E |

CENTERLINE PULLEN ST CURVE DATA

| CURVE NO. | CURVE | P.I. STATION | P.I. STATION - N | P.I. STATION - E | DELTA | RADIUS | DEGREE | TANGENT | LENGTH | CHORD BEARING | CHORD LENGTH | P.C. STATION | P.T. STATION | BACK TANGENT | AHEAD TANGENT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SS03A | | 6+96.80 | 7042874.32 | 2633916.10 | 24.50° L | 300.00 | 19.10° | 65.14 | 128.28 | N 77.41° E | 127.31 | 6+31.66 | 7+59.95 | N 89.66° E | N 65.16° E |

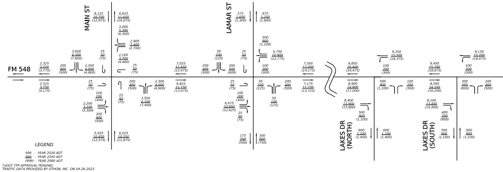
# OWNER INFORMATION TABLE

| PARCEL NO | OWNER'S NAME | SITUS ADDRESS | ACRES |
|---|---|---|---|
| NB-001 | SITST 102 E. MAIN SERIES, LLC | 102 E. MAIN ROYSE CITY, TX | 0.21 |
| NB-002 | CLARICE MITCHELL | 101 E. MAIN ST, ROYSE CITY, TX | 0.06 |
| NB-003 | ROYSE CITY COMMUNITY DEV. CORP. | ELM ST, ROYSE CITY, TX | 0.05 |
| NB-004 | CITY OF ROYCE CITY | ELM ST, ROYSE CITY, TX | 0.33 |
| NB-005 | NAHIA BARSOUM | 208 S. ELM ST, ROYSE CITY, TX | 0.49 |
| NB-006 | ARTURO VAZQUEZ | 214 S. ELM ST, ROYSE CITY, TX | 0.73 |
| NB-007 | AAMAN 128, INC. | 404 E. ELM ST ROYSE CITY, TX | 0.29 |
| NB-008 | BAF 3, LLC. | 412 S. ELM ST, ROYSE CITY, TX | 0.29 |
| NB-009 | DONALD FRANK BRIGHT | 501 HOWARD ST, ROYSE CITY, TX | 0.70 |
| NB-010 | AUTOZONE TEXAS, L.P. | 100 OLD GREENVILLE RD, ROYSE CITY, TX | 0.69 |
| NB-011 | JAMES S. & NANCY B. CROWELL | 614 ELM ST, ROYSE CITY, TX | 1.00 |
| NB-012 | JAMES S.CROWELL | 614 S. ELM ST ROYSE CITY, TX | 0.26 |
| NB-013 | BNC INVESTMENTS, LLC | 100 W. I 30 ROYSE CITY, TX | 0.72 |
| NB-014 | HCG REALTY & DEVELOPMENT, LLC | 107 E. I 30 ROYSE CITY, TX | 1.34 |
| NB-015 | GABRIEL BARSOUM & JAMIEL ALFAHEL BARAAT | 812 S. FM 548 ROYSE CITY TX | 0.15 |
| NB-016 | BK HILL REAL ESTATE, LLC | 816 S. FM 548 ROYSE CITY, TX | 0.17 |
| NB-017 | BK HILL REAL ESTATE, LLC | 816 S. FM 548 ROYSE CITY, TX | 0.47 |
| NB-018 | FIRST BAPTIST CHURCH OF ROYSE CITY, TEXAS, INC. | I 30 TX | 15.9 |
| NB-019 | LIBERTY CROSSING LAND, LLC | GLEN HILL WAY ROYSE CITY, TX | 77.49 |
| NB-020 | LIBERTY CROSSING LAND, LLC | GLEN HILL WAY ROYSE CITY, TX | 79.07 |
| NB-021 | JOE M. PRINCE AND CARLA DIANNE PRINCE | 1680 FM 548 ROYSE CITY, TX | 27.66 |
| NB-022 | JOE M. PRINCE AND CARLA DIANNE PRINCE | 1708 FM 548 ROYSE CITY, TX | 1 |
| NB-023 | JOE M. PRINCE AND CARLA DIANNE PRINCE | 1708 FM 548 ROYSE CITY, TX | 5.81 |
| SB-001 | CITY OF ROYCE CITY | 104 W. MAIN ROYSE CITY, TX | 0.51 |
| SB-002 | BDDG, LLC | 103 ELM ST, ROYSE CITY, TX | 0.31 |
| SB-003 | GLYNN DODSON, INC | 107 S. ELM ST, ROYSE CITY, TX | 0.82 |
| SB-004 | RICHARD JERRY HARVEY KING AND MICHELLE MEADOR KING | 217 S. ELM ST, ROYSE CITY, TX | 0.38 |
| SB-005 | JOSE & ORALIA RIOS | 301 S. ELM ST, ROYSE CITY, TX | |
| SB-006 | BOBBY J. CROWELL | 403 S. ELM ST, ROYSE CITY, TX | 0.29 |
| SB-006A | BOBBY J. CROWELL | 411 S. ELM ST, ROYSE CITY, TX | 0.28 |
| SB-007 | REDEMPTION PROPERTIES, LLC | 501 S. ELM ST, ROYSE CITY, TX | 0.17 |
| SB-008 | ZACHARY ROMANS | 509 S. ELM ST, ROYSE CITY, TX | 0.17 |
| SB-009 | PAMELA MULLEN | 102 OLD GREENVILLE RD, ROYSE CITY, TX | 0.29 |
| SB-010 | ROYSE CITY PLAZA PARTNERS, LLC | IH 30 ROYSE CITY, TX | 41.27 |
| SB-011 | SUMMIT HIGH INVESTMENTS, LLC | 309 E. I 30 ROYSE CITY, TX | 0.7 |
| SB-012 | ALAMO INVESTMENT, LTD | 117 I 30 ROYSE CITY, TX | 2.11 |
| SB-013 | ALBRITTON RENTAL, LTD | FM 548 ROYSE CITY, TX | 1.24 |
| SB-014 | YES COMPANIES EXP2 WFC, LLC | FM 548 ROYSE CITY, TX | 0.55 |
| SB-014A | YES COMPANIES EXP2 WFC, LLC | LOT 11, BLOCK 1LAKE TAWAKONI MOBIL HOME PARK | 0.18 |
| SB-014B | YES COMPANIES EXP2 WFC, LLC | LOT 5, BLOCK 1LAKE TAWAKONI MOBIL HOME PARK | 0.19 |
| SB-014C | YES COMPANIES EXP2 WFC, LLC | LOT 10, BLOCK 1LAKE TAWAKONI MOBIL HOME PARK | 0.19 |
| SB-014D | YES COMPANIES EXP2 WFC, LLC | LOT 9, BLOCK 1LAKE TAWAKONI MOBIL HOME PARK | 0.17 |
| SB-014E | YES COMPANIES EXP2 WFC, LLC | LOT 8, BLOCK 1LAKE TAWAKONI MOBIL HOME PARK | 0.2 |
| SB-014F | YES COMPANIES EXP2 WFC, LLC | LOT 7, BLOCK 1LAKE TAWAKONI MOBIL HOME PARK | 0.19 |
| SB-015 | YES COMPANIES EXP2 WFC, LLC | FM 548 LAKEWOOD M.H. PARK | 30.1 |
| SB-016 | ROBERT LEE & SUBRENA HURD | 409 S. FM 548, TX | 14.81 |
| SB-017 | THE CITY OF ROYSE CITY | FM 548, TX | 12.92 |
| SB-018 | OLYMPUS BORROWER, LLC | 100 SINGLETON DRIVE ROYSE CITY, TX | 0.21 |
| SB-019 | SUSIE P. & KEVIN D. LYNCH | 1500 BRANDON DRIVE ROYSE CITY, TX | 0.20 |
| SB-020 | THOMAS CURTIS | 1508 BRANDON DRIVE ROYSE CITY, TX | 0.17 |
| SB-021 | BENNY & MICHELLE SWEETLAND | 1512 BRANDON DRIVE ROYSE CITY, TX | 0.17 |
| SB-022 | RODNEY L. & TINA L. CAMPBELL | 1516 BRANDON DRIVE ROYSE CITY, TX | 0.17 |
| SB-023 | BILLY JOE HENSLEY | 1520 BRANDON DRIVE ROYSE CITY, TX | 0.17 |

# SUPERELEVATION TABLE

SUPERELEVATION TABLE

| SOUTHBOUND STATION | SUPERELEVATION e% | NORTHBOUND STATION | SUPERELEVATION e% |
|---|---|---|---|
| 19+58.71 | -2.00% | 19+05.43 | 2.00% |
| 19+98.48 | -0.85% | 19+95.44 | -0.85% |
| 20+32.65 | -0.85% | 20+33.77 | -0.85% |
| 20+72.63 | -2.00% | 21+23.85 | 2.00% |


MAIN ST
LAMAR ST
FM 548
LAKES DR (NORTH)
LAKES DR (SOUTH)

LEGEND

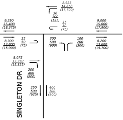
999 - YEAR 2030 ADT
999 - YEAR 2050 ADT
(999) - YEAR 2060 ADT

TxDOT TPP APPROVAL PENDING
TRAFFIC DATA PROVIDED BY OTHON, INC. ON 04-26-2023

# TRAFFIC DIAGRAMS

NOTES:

1. PROPERTY OWNERSHIP DATA FROM R.C.A.D. 04-10-2023.
2. EXISTING TOPO CURRENT AS OF 01-09-2023.
3. MEDIAN OPENINGS WERE DETERMINED IN COORDINATION WITH LOCAL GOVERNMENT. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATIONWITH THE LOCAL GOVERNMENT.
4. SUPERELEVATION AXIS OF ROTATION IS ABOUT PGL.
5. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
6. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48397C0055L.
7. EXISTING CULVERT LOCATIONS, SIZE AND ELEVATIONS WERE OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN STAGE AND COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS SHOWN.
9. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
10. CURBS ARE TYPE II (8") UNLESS NOTED OTHERWISE.
11. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.


8,925
14,850
(17,700)
50
100
(125)
9,250
15,400
(18,375)
25
50
(75)
9,000
15,000
(17,900)
8,300
13,800
(15,900)
25
50
(75)
300
500
(600)
100
200
(300)
8,200
13,600
(15,700)
8,075
13,350
(15,325)
200
400
(500)
SINGLETON DR
250
500
(625)
400
700
(900)

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**Texas Department of Transportation**

## DALLAS DISTRICT

CEASON CLEMENS, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC

# 60% SUBMITTAL

## ROCKWALL COUNTY

# FM 548

FROM: SH 66

TO: SOUTH OF CRENSHAW RD

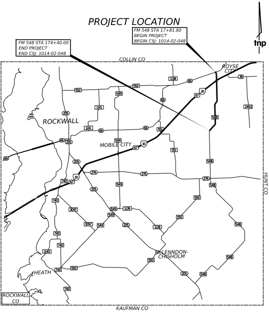
PROJECT LENGTH: 2.966 MILES (15,658.17 FT)

TERRIAN (LEVEL)

CSJ: 1014-02-048

| ROADWAY SECTION | DESIGN SPEED | FUNCTIONAL CLASS |
|---|---|---|
| FM 548 | 40 MPH | URBAN COLLECTOR STREET |
| SH 66 | 45 MPH | URBAN PRINCIPAL ARTERIAL |
| FRONT ST | 30 MPH | LOCAL |
| E FABER ST / W FABER ST | 30 MPH | LOCAL |
| E LAMAR ST / W LAMAR ST | 30 MPH | LOCAL |
| E PEARL ST / W PEARL ST | 30 MPH | LOCAL |
| E OLD GREENVILLE RD / W OLD GREENVILLE RD | 30 MPH | LOCAL |
| WB IH 30 FRONTAGE RD | 45 MPH | INTERSTATE FRONTAGE ROAD |
| EB IH 30 FRONTAGE RD | 45 MPH | INTERSTATE FRONTAGE ROAD |
| PULLEN ST | 30 MPH | LOCAL |
| LAKES DR | 30 MPH | LOCAL |
| SINGLETON DR | 30 MPH | LOCAL |

## PROJECT LOCATION


FM 548 STA 17+81.80
BEGIN PROJECT
BEGIN CSJ: 1014-02-048

FM 548 STA 174+40.00
END PROJECT
END CSJ: 1014-02-048

tnp
COLLIN CO
ROYSE CITY
ROCKWALL
MOBILE CITY
DALLAS CO
HUNT CO
KAUFMAN CO
MCLENNDON-CHISHOLM
HEATH
ROCKWALL CO
552
549
1138
66
30
67
35
1141
2453
205
548
551
740
276
3097
1139
550
1140

PREPARED BY TEAGUE NALL AND PERKINS, INC.
FIRM REGISTRATION NUMBER 230

DATE APPROVED

This document is for interim review
and is not intended for construction,
bidding or permit purposes.

Jeffrey W. Phillpp,
P.E. Tx. Reg. 129834
5/8/2024

**teague nall and perkins, inc**
3237 N. Riverside Drive, Suite 100
Fort Worth, Texas 76137
817.336.5773 ph
www.tnpinc.com
[illegible]

50 0 50 100
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

ROLL 1 OF 4

MAY 2024