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Texas Department of Transportation

DALLAS DISTRICT

CEASON CLEMENS, P.E.   DISTRICT ENGINEER

DESIGN SCHEMATIC

60% SUBMITTAL

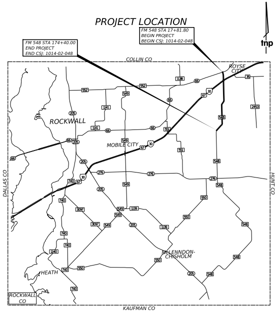
ROCKWALL COUNTY

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
ROWDY DR	30 MPH	LOCAL
COOKSTON LN	30 MPH	LOCAL
FROST FARM DR	30 MPH	LOCAL
AMBERGROVE DR	30 MPH	LOCAL
WELCH DR	30 MPH	LOCAL
HICKS DR	30 MPH	LOCAL
STARLIGHT LN	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
HEATH
McLENNDON-CHISHOLM
ROCKWALL CO
KAUFMAN CO
552
1138
66
35
549
30
67
2453
1141
548
205
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.

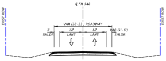
Jeffrey W. Philipp,
P.E. Tx. Reg. 129834
5/8/2024

teague nall and perkins, inc

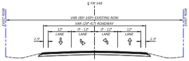
50 0 50 100
HORIZONTAL SCALE 1" = 100'
VERTICAL SCALE 1" = 10'
SCALE IN FEET

ROLL 2 OF 4

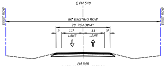
MAY 2024


℄ FM 548
EXIST ROW
VAR (28'-33') ROADWAY
3' SHLDR
12' LANE
12' LANE
VAR (1'- 6') SHLDR

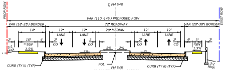
FM 548
EXISTING TYPICAL SECTION
STA 49+88.00 TO STA 85+56.23


℄ FM 548
EXIST ROW
VAR (80'-100') EXISTING ROW
VAR (29'-41') ROADWAY
2.5'
12' LANE
0' - 12' LANE
0' - 12' LANE
12' LANE
2.5'

FM 548
EXISTING TYPICAL SECTION
STA 85+56.23 TO STA 97+67.44


℄ FM 548
EXIST ROW
80' EXISTING ROW
28' ROADWAY
3'
11' LANE
11' LANE
3'

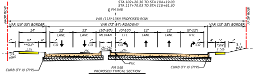
FM 548
EXISTING TYPICAL SECTION
STA 97+67.44 TO STA 146+38.68


℄ FM 548
PROP ROW
EXIST ROW
VAR (110'-145') PROPOSED ROW
VAR (18'-35') BORDER
72' ROADWAY
VAR (20'-38') BORDER
14'
2'
10' **SUP
4'
12' LANE
12' LANE
20' MEDIAN
12' LANE
12' LANE
2' CO
4'
5' *SW
1.5%
2%
3:1 MAX
PGL
CURB (TY II) (TYP)
CURB (TY I) (TYP)

FM 548
PROPOSED TYPICAL SECTION
STA 80+45.89 TO STA 85+25.19
STA 93+67.21 TO STA 94+64.04
STA 102+20.36 TO STA 143+33.57

* 6' BOC SIDEWALK BEGINS AT
STA 84+16.63 TO STA 85+25.19
STA 93+67.21 TO STA 94+64.04

** 8' SUP BEGINS AT
STA 81+56.25 TO STA 85+25.19
STA 93+67.21 TO STA 94+64.04
STA 102+20.36 TO STA 104+19.03
STA 117+70.03 TO STA 118+61.30

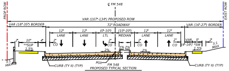

℄ FM 548
PROP ROW
VAR (118'-136') PROPOSED ROW
VAR (19'-35') BORDER
VAR (72'-84') ROADWAY
VAR (15'-38') BORDER
14'
2'
10' **SUP
4'
12' LANE
12' LANE
(10'-20') MEDIAN
(0'-10') LTL
12' LANE
12' LANE
(0'-12') RTL
2' CO
4'
5' *SW
1.5%
2%
3:1 MAX
PGL
CURB (TY II) (TYP)

FM 548
PROPOSED TYPICAL SECTION
SOUTHBOUND RIGHT TURNS
STA 86+45.30 TO STA 89+45.97
STA 94+64.04 TO STA 98+06.81

SOUTHBOUND LEFT TURNS
STA 85+25.19 TO STA 89+45.97

* 6' BOC SIDEWALK BEGINS AT
STA 85+25.19 TO STA 89+45.97
STA 94+64.04 TO STA 95+10.06

** 8' SUP BEGINS AT
STA 85+25.19 TO STA 89+45.97
STA 94+64.04 TO STA 98+06.81

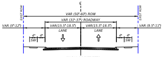

℄ FM 548
PROP ROW
EXIST ROW
VAR (107'-134') PROPOSED ROW
VAR (18'-35') BORDER
72' ROADWAY
VAR (16'-27') BORDER
2'
10' **SUP
4'
12' LANE
12' LANE
(0'-10') LTL
(10'-20') MEDIAN
12' LANE
12' LANE
2' CO
VAR (4'-16')
5' *SW
1.5%
2%
3:1 MAX
PGL
CURB (TY I) (TYP)

FM 548
PROPOSED TYPICAL SECTION
STA 89+45.97 TO STA 93+67.21
STA 98+06.81 TO STA 102+20.36
STA 143+39.22 TO STA 147+60.57

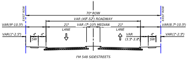
NORTHBOUND RETAINING WALL
STA 90+00.00 TO STA 92+25.00
STA 101+77.00 TO STA 102+27.00

* 6' BOC SIDEWALK BEGINS AT
STA 89+45.97 TO STA 93+67.21

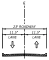
** 8' SUP BEGINS AT
STA 89+45.97 TO STA 93+67.21


℄
EXIST ROW
VAR (50'-60') ROW
VAR (31'-37') ROADWAY
VAR (9'-12')
VAR(15.5'-18.5') LANE
VAR(15.5'-18.5') LANE
VAR (9.5'-11')
4' SW
4'

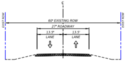
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
ROWDY DR   COOKSTON LN   WELCH DR


EXIST ROW
70' ROW
VAR (49'-52') ROADWAY
VAR(9'-10.5')
VAR(1'-2.5')
21' LANE
VAR (7'-10') MEDIAN
21' LANE
VAR (3.5'-3.8')
VAR(8.7'-10.5')
VAR(1'-2.5')
4' SW
4'

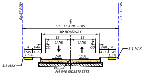
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
FROST FARM DR   AMBERGROVE DR


℄
23' ROADWAY
11.5' LANE
11.5' LANE

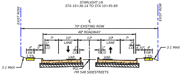
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
HICKS DR


℄
EXIST ROW
60' EXISTING ROW
27' ROADWAY
13.5' LANE
13.5' LANE

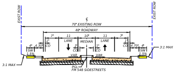
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
EXISTING TYPICAL SECTION
STARLIGHT LN


℄
EXIST ROW
50' EXISTING ROW
30' ROADWAY
13' LANE
13' LANE
2' CO
4' SW
VAR (4'-5')
1.5%
VAR
3:1 MAX
PGL

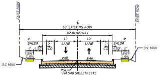
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
PROPOSED TYPICAL SECTION
ROWDY DR
STA 04+17.55 TO STA 04+64.00
COOKSTON LN
STA 08+33.19 TO STA 09+57.99
STARLIGHT LN
STA 10+36.14 TO STA 10+95.69


℄
EXIST ROW
70' EXISTING ROW
48' ROADWAY
7'
10' LANE
12'
10' LANE
7'
1' CO
4' SW
5'
4.50'
1.5%
VAR
3:1 MAX
PGL

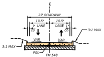
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
PROPOSED TYPICAL SECTION
FROST FARM DR
STA 10+36.00 TO STA 10+75.22


℄
EXIST ROW
70' EXISTING ROW
48' ROADWAY
7'
11 LANE
10' MEDIAN
11 LANE
7'
1' CO
4' SW
4.30'
4.70'
1.5%
VAR
3:1 MAX
PGL

FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
PROPOSED TYPICAL SECTION
AMBERGROVE DR
STA 05+34.75 TO STA 06+42.00

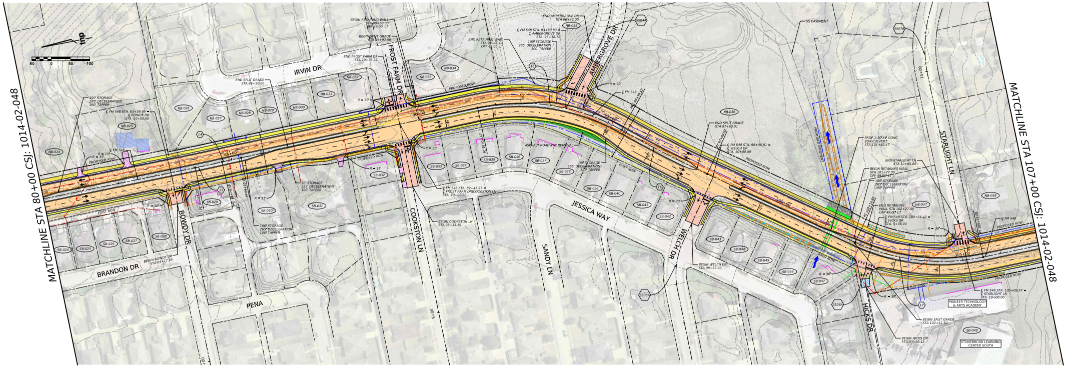

℄
EXIST ROW
60' EXISTING ROW
36' ROADWAY
4' SHLDR
12' LANE
12' LANE
2' CO
4' SW
4.50'
1.5%
VAR
3:1 MAX
PGL

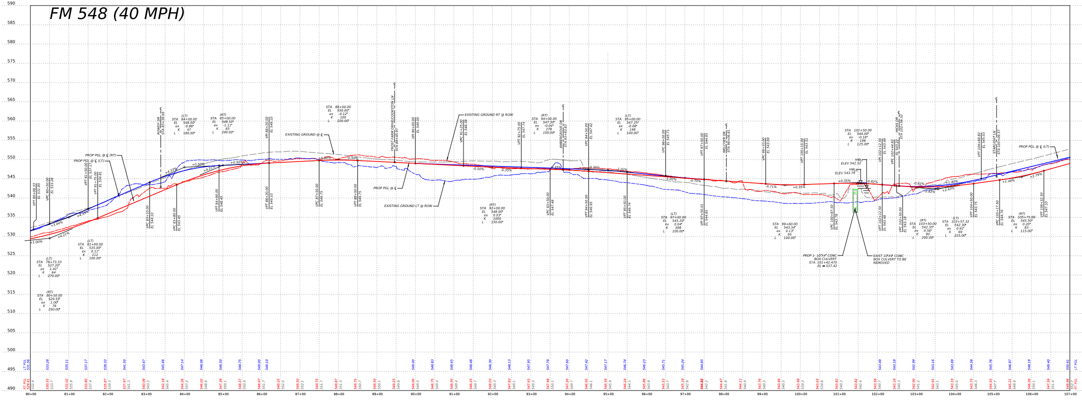
FM 548 SIDESTREETS
LOCAL ROAD (CONCRETE)
PROPOSED TYPICAL SECTION
WELCH DR
STA 08+67.00 TO STA 09+58.03

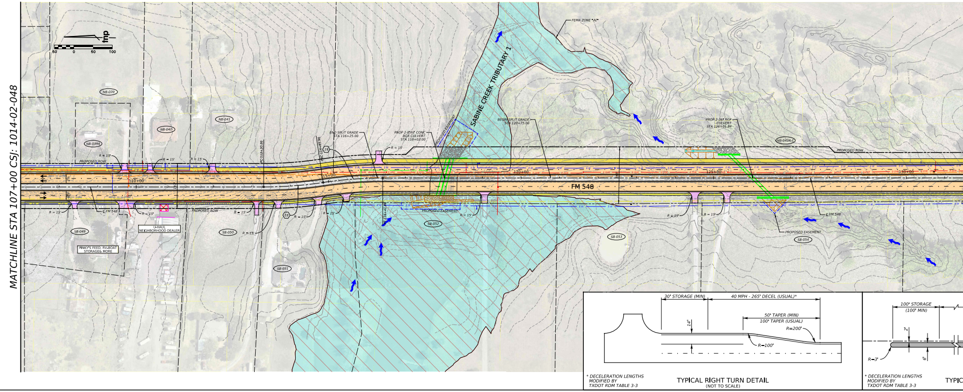

℄
23' ROADWAY
10.5' LANE
10.5' LANE
1' CO
VAR
3:1 MAX
PGL

FM 548
PROPOSED SIDESTREET TYPICAL SECTION
HICKS DR
STA 03+98.42 STA TO 04+66.70

TYPICAL SECTIONS


MATCHLINE STA 80+00 CSJ: 1014-02-048
MATCHLINE STA 107+00 CSJ: 1014-02-048
IRVIN DR
FROST FARM DR
AMBERGROVE DR
STARLIGHT LN
BOWDY DR
COOKSTON LN
JESSICA WAY
SANDY LN
WELCH DR
HICKS DR
BRANDON DR
PENA
PROPOSED ROW
EXIST ROW
ASPHALT ROADWAY REMOVAL
PIONEER TECHNOLOGY & ARTS ACADEMY
STONEBROOK LEARNING CENTER SOUTH
PROP 1-10'X4' CONC BOX CULVERT STA 101+42.47
100' STORAGE 265' DECELERATION 100' TAPPER
R = 30'
R = 15'




MATCHLINE STA 107+00 CSJ: 1014-02-048
50 0 50 100
FM 548
SABINE CREEK TRIBUTARY 1
FEMA ZONE "AE"
NB-039
NB-039A
NB-040
NB-041
NB-042A-C
SB-049
SB-050
SB-051
SB-052
SB-053
SB-054
PINKY'S FEED, RV-BOAT STORAGE& MORE
U-HAUL NEIGHBORHOOD DEALER
PROPOSED ROW
PROPOSED EASEMENT
℄ FM 548
R = 15'
110+00
115+00
120+00
125+00
130+00
PC 113+30.86
PRC 114+85.96
END SPLIT GRADE STA 116+25.00
PROP 2-8'X6' CONC BOX CULVERT STA 118+02.00
BEGIN SPLIT GRADE STA 120+75.00
PROP 2-36" RCP CULVERT STA 126+01.94
19
18

30' STORAGE (MIN)
40 MPH - 265' DECEL (USUAL)*
50' TAPER (MIN)
100' TAPER (USUAL)
14'
R=200'
R=100'

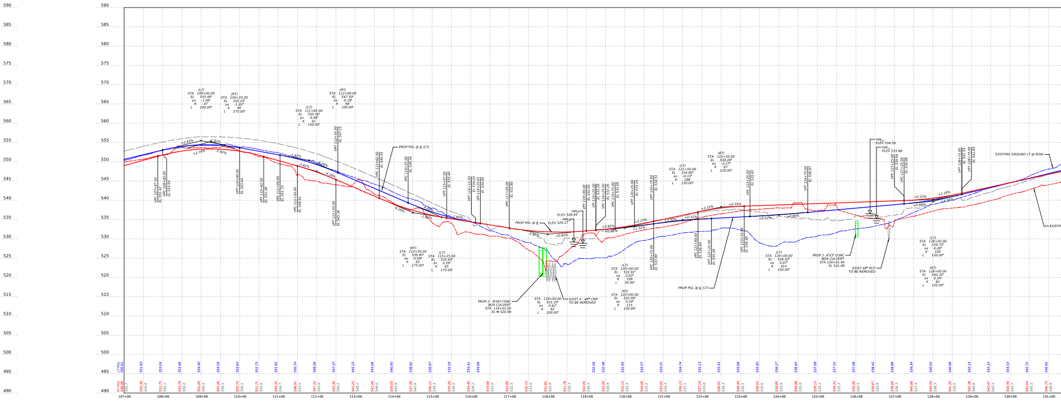
* DECELERATION LENGTHS MODIFIED BY TXDOT RDM TABLE 3-3

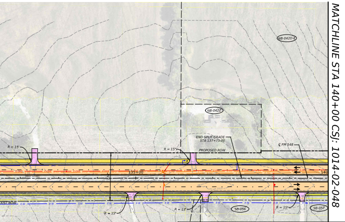
TYPICAL RIGHT TURN DETAIL
(NOT TO SCALE)

100' STORAGE
(100' MIN)
2'
6'
R=3'

* DECELERATION LENGTHS MODIFIED BY TXDOT RDM TABLE 3-3

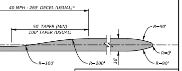
TYPIC




MATCHLINE STA 140+00 CSJ: 1014-02-048
NB-042D
NB-042Z
END SPLIT GRADE STA 137+73.00
PROPOSED ROW
FM 548
R = 15'
SB-056
SB-057
SB-055
135+00

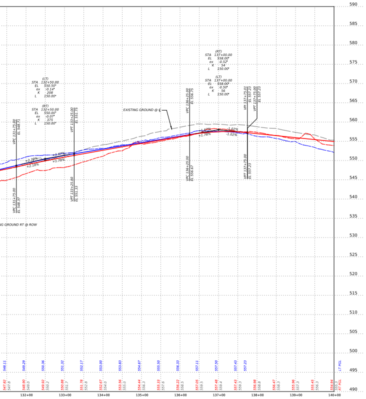
LEGEND

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


40 MPH - 265' DECEL (USUAL)*
50' TAPER (MIN)
100' TAPER (USUAL)
R=90'
R=3'
R=100'
R=200'
R=90'
16'

AL 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.



FM548 CURVE DATA

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
13		84+38.80	7038924.19	2633783.79	1.36° L	3,000.00	1.91°	35.55	71.10	S 1.32° E	71.10	84+03.25	84+74.35	S 0.64° E	S 2.00° E
14		84+99.77	7038863.25	2633785.92	0.97° R	3,000.00	1.91°	25.42	50.84	S 1.51° E	50.84	84+74.35	85+25.19	S 2.00° E	S 1.03° E
15		93+55.06	7038008.10	2633801.28	41.59° R	533.00	10.75°	202.39	386.85	S 19.76° W	378.42	91+52.67	95+39.52	S 1.03° E	S 40.56° W
16		96+64.75	7037759.19	2633588.26	4.78° L	3,000.00	1.91°	125.23	250.30	S 38.17° W	250.23	95+39.52	97+89.83	S 40.56° W	S 35.78° W
17		103+88.97	7037171.50	2633164.78	36.58° L	533.00	10.75°	176.16	340.27	S 17.49° W	334.52	102+12.81	105+53.08	S 35.78° W	S 0.80° E
18		114+08.56	7036139.97	2633178.12	8.55° L	1,040.00	5.51°	77.69	155.10	S 5.07°E	154.96	113+30.86	114+85.96	S 0.80°E	S 9.35°E
19		115+63.66	7035986.64	2633204.44	8.55° R	1,040.00	5.51°	77.69	155.10	S 5.07°E	154.96	114+85.96	116+41.06	S 9.35°E	S 0.80°E

CENTERLINE AMBERGROVE 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
SS04A		7+83.39	7037806.34	2633971.80	39.98° L	300.00	19.10°	106.19	204.12	S 70.25° E	200.21	6+77.20	8+81.32	S 50.76° E	S 89.74° E

CENTERLINE WELCH DR 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
SS05A		7+53.35	7037791.32	2633301.87	36.49° R	200.00	28.65°	65.93	127.38	S 72.47° E	125.24	6+87.42	8+14.80	N 89.29° E	S 54.22° E

CENTERLINE HICKS DR 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
SS06A		4+34.99	7037308.78	2633184.85	27.56° R	150.00	38.20°	36.78	72.14	S 76.22° E	71.45	3+98.20	4+70.35	S 90.00° E	S 62.44° E

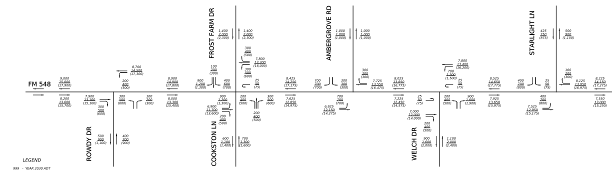
CENTERLINE STARLIGHT LN CURVE DATA															
CURVE NO.	CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
SS07A		15+76.71	7037048.38	2633745.04	28.14° R	350.00	16.37°	87.72	171.89	S 76.88° E	170.17	14+88.99	16+60.88	N 89.05° E	S 62.81° E

OWNER INFORMATION TABLE

PARCEL NO	OWNER'S NAME	SITUS ADDRESS	ACRES
NB-024	CHARLES DAVID VERVALIN	1712 S. FM 548	7.11
NB-025	C.E. VERVALIN	1806 S. FM 548	0.84
NB-026	FROST FARM, INK.	301 MOHAN DR. ROSYE CITY	0.35
NB-027	HOMEOWNERS ASSOCIATION OF FROST FARM, INC.	LOT 6 BLOCK A 233 IRVIN DR. ROSYE CITY, TX	0.25
NB-028	HOMEOWNERS ASSOCIATION OF FROST FARM, INC.	LOT 5 BLOCK A 229 IRVIN DR. ROSYE CITY, TX	0.18
NB-029	HOMEOWNERS ASSOCIATION OF FROST FARM, INC.	LOT 4 BLOCK A 225 IRVIN DR. ROSYE CITY, TX	0.19
NB-030	HOMEOWNERS ASSOCIATION OF FROST FARM, INC.	LOT 3 BLOCK A221 IRVIN DR. ROSYE CITY, TX	0.19
NB-031	HOMEOWNERS ASSOCIATION OF FROST FARM, INC.	LOT 2 BLOCK A 217 IRVIN DR. ROSYE CITY, TX	0.18
NB-032	HOMEOWNERS ASSOCIATION OF FROST FARM, INC.	LOT 1BLOCK A 213 IRVIN DR. ROSYE CITY, TX	0.18
NB-033	HOMEOWNERS ASSOCIATION OF FROST FARM, INC.	LOT 16 BLOCK C 205 IRVIN DR. ROSYE CITY, TX	0.15
NB-034	HOMEOWNERS ASSOCIATION OF FROST FARM, INC.	LOT 15 BLOCK 15 201 IRVIN DR. ROSYE CITY, TX	0.26
NB-035	GLACIER FUND, LTD.	2106 S. FM 548 ROYSE CITY, TX	30.5
NB-036	GLACIER FUND, LTD.	2106 S. FM 548 ROYSE CITY, TX	6.26
NB-037	CHRISTOPHER & BECKY BOOK	100 STARLIGHT LANE ROYSE CITY, TX	1.03
NB-038	MARK JAMES STILES	101 STARLIGHT LANE ROYSE CITY, TX	1.03
NB-039	DSJ HOMES, LLC, SERIES N	3223 S. FM 548 ROYSE CITY, TX	2.72
NB-039A	DSJ HOMES LLC - SERIES N	3223 S. FM 548 ROYSE CITY, TX	0.57
NB-040	STEVEN L. KARKOSKY AND BETTY E. KARKOSKY	3255 S. FM 548 ROYSE CITY, TX	1.71
NB-041	WILLIAM BYRON PIERCE, JR.	3287 S. FM 548 ROYSE CITY, TX	5.18
NB-042A-C	BAHAMAS LAGUNA AZURE, LLC	FM 548 ROYSE CITY, TX	207.51
NB-042D-E	BAHAMAS LAGUNA AZURE, LLC	FM 548 ROYSE CITY, TX	340.92
NB-042Z	DELORIS M. BALLARD	3677 FM548 ROYSE CITY, TX	0.81
SB-024	DSJ HOMES, LLC	1524 BRANDON DRIVE ROYSE CITY, TX	0.17
SB-025	BILL A. BURFORD AND DONETTE L. BURFORD	1600 BRANDON DRIVE ROYSE CITY, TX	0.17
SB-026	RILEY & NICHOLAS DALMAS	1604 BRANDON DRIVE ROYSE CITY, TX	0.17
SB-027	LESLIE SOLIS	1608 BRANDON DRIVE ROYSE CITY, TX	0.17
SB-028	JAMES YEAKEY AND LAURA YEAKEY	1616 BRANDON DRIVE ROYSE CITY, TX	0.20
SB-029	AMH 2014-3 BORROWER, LLC	101ROWDY DRIVE ROYSE CITY, TX	0.20
SB-030	BARBARA PANTOJA AND JOHNOTHAN PANTOJA	1901 S. FM 548 ROYSE CITY, TX	0.47
SB-031	CROWELL DEVELOPMANT COMPANY, INC.	2001 S. FM 548 ROYSE CITY, TX	0.70
SB-032	SFR JV-2 2022-1BORROWER, LLC	100 COOKSTON LANE ROYSE CITY, TX	0.25
SB-033	CHRISTOPHER STILES AND ALYSIA E. STILES	2000 JESSICA WAY ROYSE CITY, TX	0.21
SB-034	STAR 2022-SFR3 BORROWER, L.P.	2004 JESSICA WAY ROYSE CITY, TX	0.20
SB-035	MARK SIMPSON	2008 JESSICA WAY ROYSE CITY, TX	0.20
SB-036	KEITH T. RUFFIN AND EVELYN RUFFIN	2012 JESSICA WAY ROYSE CITY, TX	0.24
SB-037	BEAU BLAINE HILL	2016 JESSICA WAY ROYSE CITY, TX	0.23
SB-038	RODNEY L. CURRIN AND HEATHER K. CURRIN	2020 JESSICA WAY ROYSE CITY, TX	0.20
SB-039	AMERICAN RESIDENTIAL LEASING COMPANY, LLC	2024 JESSICA WAY ROYSE CITY, TX	0.20
SB-040	TIMMY GIPSON	2028 JESSICA WAY ROYSE CITY, TX	0.20
SB-041	ELLEN V. SUNDQUIST	3000 JESSICA WAY ROYSE CITY, TX	0.20
SB-042	HECTOR GOMEZ SALAZAR AND GUADENCIA R. DE SALAZAR	3004 JESSICA WAY ROYSE CITY, TX	0.20
SB-043	JUDITH K. HILL	3008 JESSICA WAY ROYSE CITY, TX	0.21
SB-044	JAMES MARK VALEN SILGAR AND ASHLEY AMBREIA SLIGAR	3012 JESSICA WAY ROYSE CITY, TX	0.20
SB-045	AMERICAN RESIDENTIAL LEASING COMPANY, LLC	3016 JESSICA WAY ROYSE CITY, TX	0.20
SB-046	PRISCILLA JEAN CONWAY	3020 JESSICA WAY ROYSE CITY, TX	0.20
SB-047	DAVID WAYNE WELLS	3024 JESSICA WAY ROYSE CITY, TX	0.27
SB-048	PNC PARTNERS, LTD.	3200 S. FM 548 ROYSE CITY, TX	4.92
SB-049	LORENE AMIRO-MESA	3218 S. FM 548 ROYSE CITY, TX	1.07
SB-049A	LORENE AMIRO-MESA	3218 S. FM 548 ROYSE CITY, TX	3.94
SB-050	EVELYN ANNE TTORRES TRUST	3286 S. FM 548 ROYSE CITY, TX	5.00
SB-051	TAYLOR T. SIMS AND STEPHANIE B. SIMS,	3320 S. FM 548 ROYSE CITY, TX	5.00
SB-052	L.R. TIPTON, JR.	3412 S. FM 548 ROYSE CITY, TX	14.87
SB-053	MICHAEL ORY & DIANE K. SMITH	3520 S. FM 548 ROYSE CITY, TX	10.00
SB-054	DONALD W. PALMER AND JENNY GRACE PALMER	3588 FM 548 ROYSE CITY, TX	14.00
SB-055	HOSS PROPERTIES, LLC	3762 FM 548 ROYSE CITY, TX	15.00
SB-056	ANITA WOODALL, SANDRA A. FORTNER, & TERRY WAYNE PRYOR	S. FM 548 ROYSE CITY, TX	13.27
SB-57			

SUPERELEVATION TABLE

SOUTHBOUND STATION	SUPERELEVATION e%	NORTHBOUND STATION	SUPERELEVATION e%
90+64	-2.0%	[illegible]	2.0%
91+91	-4.0%	92+66	-4.0%
95+02	-4.0%	94+28	-4.0%
96+29	[illegible]	96+05	2.0%
99+47	-2.0%	101+24	2.0%
103+26	4.0%	[illegible]	4.0%
104+39	4.0%	[illegible]	4.0%
108+18	-2.0%	[illegible]	2.0%


FM 548
FROST FARM DR
AMBERGROVE RD
STARLIGHT LN
ROWDY DR
COOKSTON LN
WELCH DR

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 COORDINATION WITH 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.

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Texas Department of Transportation

DALLAS DISTRICT
CEASON CLEMENS, P.E. DISTRICT ENGINEER
DESIGN SCHEMATIC

60% SUBMITTAL

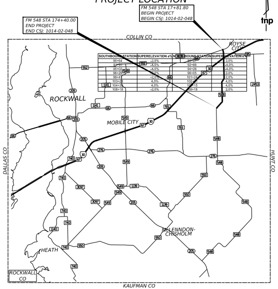
ROCKWALL COUNTY

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
ROWDY DR	30 MPH	LOCAL
COOKSTON LN	30 MPH	LOCAL
FROST FARM DR	30 MPH	LOCAL
AMBERGROVE DR	30 MPH	LOCAL
WELCH DR	30 MPH	LOCAL
HICKS DR	30 MPH	LOCAL
STARLIGHT LN	30 MPH	LOCAL

PROJECT LOCATION


FM 548 STA 174+00.00
END PROJECT
END CSJ: 1014-02-048
FM 548 STA 17+81.80
BEGIN PROJECT
BEGIN CSJ: 1014-02-048
COLLIN CO
ROYSE CITY
ROCKWALL
MOBILE CITY
McLENNDON-CHISHOLM
HEATH
ROCKWALL CO
DALLAS CO
HUNT CO
KAUFMAN CO

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

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

ROLL 2 OF 4

MAY 2024