TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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

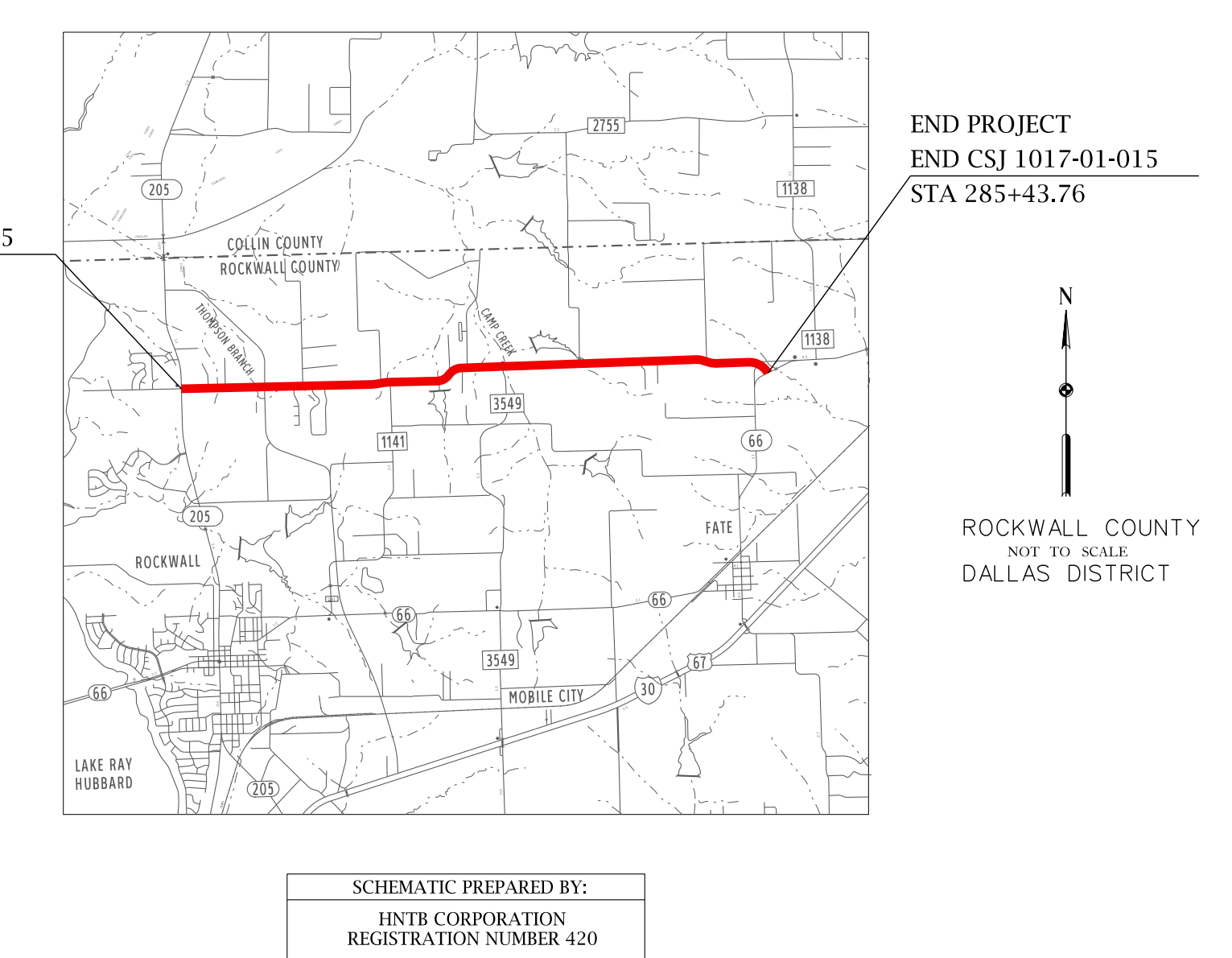
FM 552
ROCKWALL COUNTY

FROM NORTH GOLIAD ST. (SH 205) TO SH 66
CSJ : 1017-01-015
PROJECT LENGTH= 5.19 MILES

ROADWAY	DESIGN SPEED	CLASSIFICATION
FM 552/ JOHN KING BLVD	45 MPH	URBAN PRINCIPAL ARTERIAL
FM 1141/ FM 3549	40 MPH	URBAN MAJOR COLLECTOR
PANHANDLE DR	35 MPH	URBAN MAJOR COLLECTOR
STONE CREEK DR/ BREEZY HILL LN/ ANNA CADE RD	30 MPH	URBAN MINOR COLLECTOR
LOCAL STREETS	30 MPH	URBAN LOCAL

BEGIN PROJECT
BEGIN CSJ 1017-01-015
STA 11+41.00

END PROJECT
END CSJ 1017-01-015
STA 285+43.76


2755
205
1138
COLLIN COUNTY
ROCKWALL COUNTY
1141
3549
66
FATE
ROCKWALL
205
66
3549
MOBILE CITY
30
67
LAKE RAY HUBBARD
205
N

ROCKWALL COUNTY
NOT TO SCALE
DALLAS DISTRICT

0 100 200
HORIZONTAL
0 20 40
VERTICAL
SCALE IN FEET

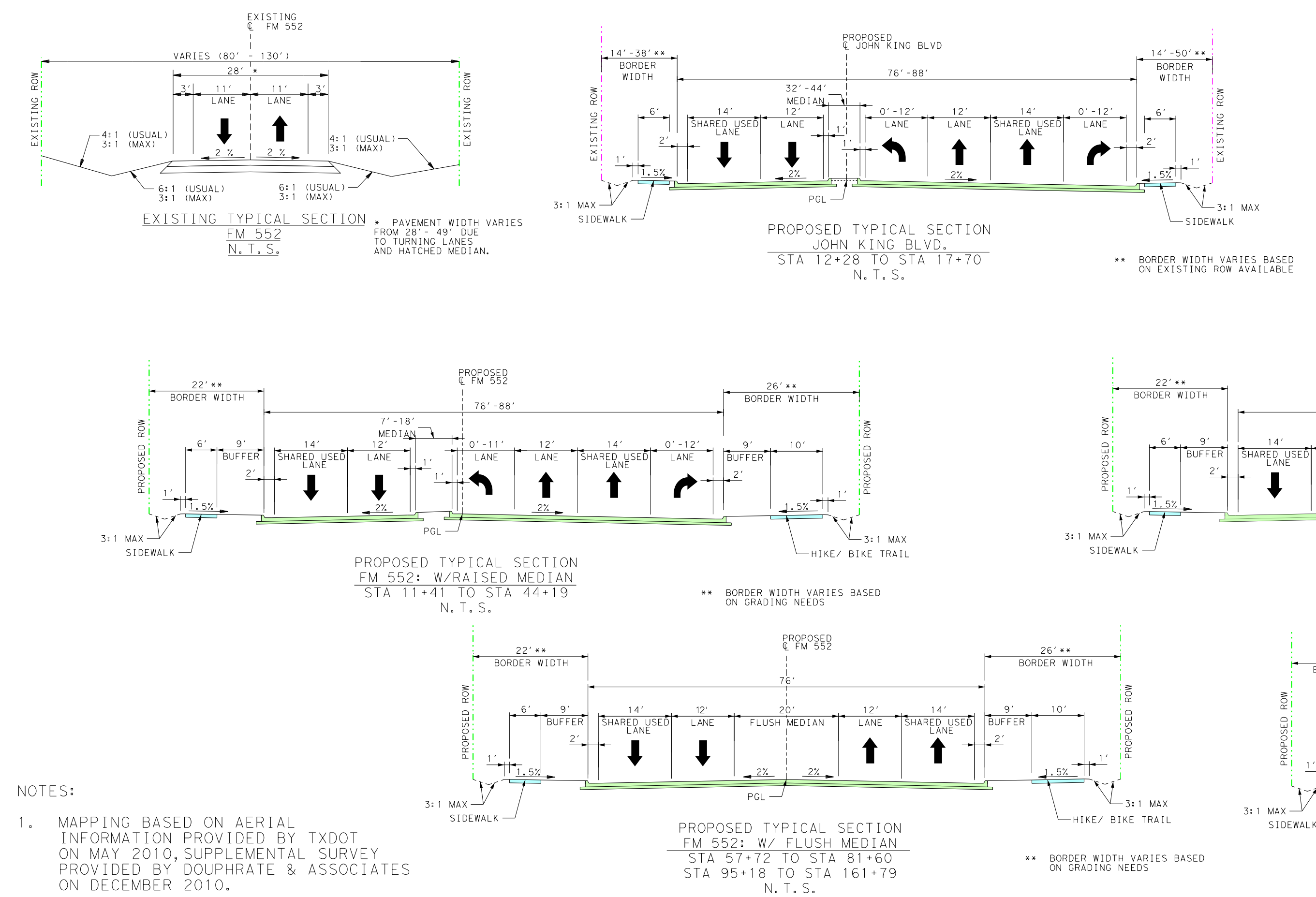
NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

SCHEMATIC PREPARED BY:
HNTB CORPORATION
REGISTRATION NUMBER 420
FOR INTERIM REVIEW ONLY
NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.
PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
RUSSELL K. OZMER 91108
NAME P.E. #
JULY 27, 2018

JULY 27, 2018
ROLL 1 OF 4

Texas Department of Transportation

HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TBPE Firm Registration No. 420

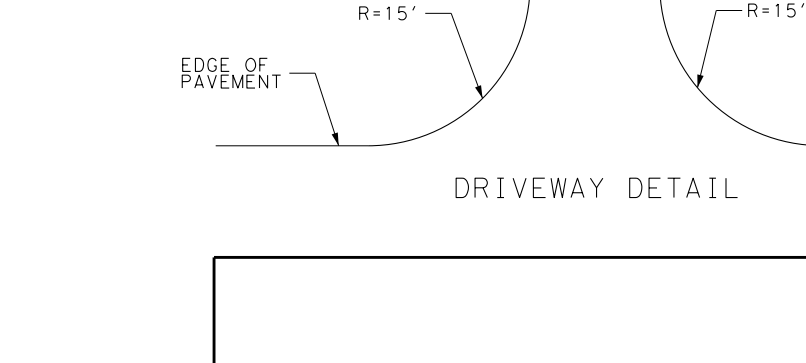

EXISTING ℄ FM 552
VARIES (80' - 130')
28' *
11' LANE
11' LANE
2 %
4:1 (USUAL) 3:1 (MAX)
6:1 (USUAL) 3:1 (MAX)
EXISTING ROW
EXISTING TYPICAL SECTION
FM 552
N.T.S.
* PAVEMENT WIDTH VARIES FROM 28' - 49' DUE TO TURNING LANES AND HATCHED MEDIAN.
PROPOSED ℄ JOHN KING BLVD
14'-38'** BORDER WIDTH
76'-88'
32'-44' MEDIAN
14'-50'** BORDER WIDTH
SHARED USED LANE
LANE
PGL
3:1 MAX
SIDEWALK
PROPOSED TYPICAL SECTION
JOHN KING BLVD.
STA 12+28 TO STA 17+70
N.T.S.
** BORDER WIDTH VARIES BASED ON EXISTING ROW AVAILABLE
22'** BORDER WIDTH
26'** BORDER WIDTH
7'-18' MEDIAN
BUFFER
HIKE/ BIKE TRAIL
PROPOSED ROW
PROPOSED TYPICAL SECTION
FM 552: W/RAISED MEDIAN
STA 11+41 TO STA 44+19
N.T.S.
** BORDER WIDTH VARIES BASED ON GRADING NEEDS
11'-31' MEDIAN
PROPOSED TYPICAL SECTION
FM 552: W/RAISED MEDIAN
STA 44+19 TO STA 57+72
N.T.S.
20' FLUSH MEDIAN
PROPOSED TYPICAL SECTION
FM 552: W/ FLUSH MEDIAN
STA 57+72 TO STA 81+60
STA 95+18 TO STA 161+79
N.T.S.
24'** BORDER WIDTH
VARIES BUFFER
2' BENCH
4:1 MAX
EXISTING SIDEWALK
PROPOSED TYPICAL SECTION
FM 552: W/ FLUSH MEDIAN
STA 81+60 TO STA 95+18
N.T.S.

FM 552

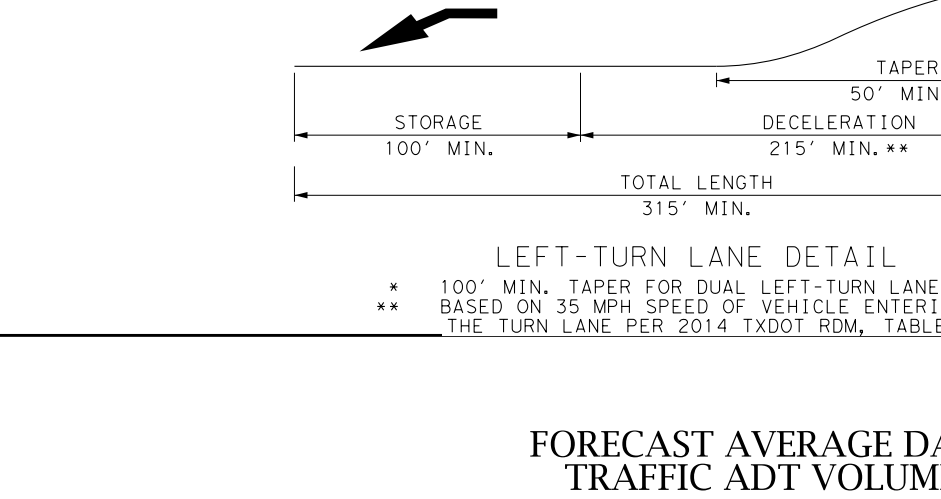
CURVE NO.	STATION	COORDINATE		BEARING/DELTA	LENGTH	TANGENT	RADIUS
		N	E		(FT)	(FT)	(FT)
FM552-CENT (DESIGN SPEED: 45 MPH)							
FM552-CENT-1	P.C. 13+97.51	7041334.464	2593302.927	N 89°33'59.00" E			
	P.I. 15+38.33	7041335.529	2593443.75	2°41'20.78" LT	281.6024	140.827	6000
	P.T. 16+79.11	7041343.201	2593584.367	N 86°52'38.22" E			
FM552-CENT-2	P.C. 18+50.75	7041352.551	2593755.755	N 86°52'38.22" E			
	P.I. 19+73.25	7041359.224	2593878.073	2°20'21.33" RT	244.9664	122.5002	6000
	P.T. 20+95.72	7041360.899	2594000.562	N 89°12'59.55" E			
FM552-CENT-3	P.C. 38+42.56	7041384.785	2595747.238	N 89°12'59.55" E			
	P.I. 39+18.43	7041385.822	2595823.102	1°26'56.26" LT	151.7348	75.8714	6000
	P.T. 39+94.29	7041388.777	2595898.916	N 87°46'03.29" E			
FM552-CENT-4	P.C. 46+56.70	7041414.581	2596560.826	N 87°46'03.29" E			
	P.I. 47+12.35	7041416.748	2596616.431	1°35'38.60" RT	111.286	55.6466	4000
	P.T. 47+67.99	7041417.368	2596672.074	N 89°21'41.89" E			
FM552-CENT-5	P.C. 75+74.09	7041448.632	2599478.002	N 89°21'41.89" E			
	P.I. 76+58.87	7041449.576	2599562.769	3°28'05.92" RT	169.4937	84.7727	2800
	P.T. 77+43.59	7041445.391	2599647.439	S 87°10'12.19" E			
FM552-CENT-6	P.C. 81+03.00	7041427.646	2600006.411	S 87°10'12.19" E			
	P.I. 81+87.77	7041423.461	2600091.081	3°28'05.92" LT	169.4937	84.7727	2800
	P.T. 82+72.49	7041424.405	2600175.848	N 89°21'41.89" E			
FM552-CENT-7	P.C. 95+83.54	7041439.012	2601486.819	N 89°21'41.89" E			
	P.I. 97+65.57	7041441.04	2601668.837	7°26'20.99" LT	363.5462	182.0289	2800
	P.T. 99+47.09	7041466.618	2601849.06	N 81°55'20.90" E			

NOTES:

1. MAPPING BASED ON AERIAL INFORMATION PROVIDED BY TXDOT ON MAY 2010, SUPPLEMENTAL SURVEY PROVIDED BY DOUPHRATE & ASSOCIATES ON DECEMBER 2010.
2. EXISTING ROW AND PROPERTY LINES PROVIDED BY DOUPHRATE & ASSOCIATES ON AUGUST 2010.
3. LIMITS OF DRIVEWAY CONSTRUCTION AND PROPOSED TEMP EASEMENTS SHOWN ARE PRELIMINARY AND SUBJECT TO FINAL DESIGN REFINEMENT.


VARIES
12' MIN.
R=15'
R=15'
EDGE OF PAVEMENT

DRIVEWAY DETAIL


TAPER
50' MIN.*
STORAGE
100' MIN.
DECELERATION
215' MIN.**
TOTAL LENGTH
315' MIN.

LEFT-TURN LANE DETAIL

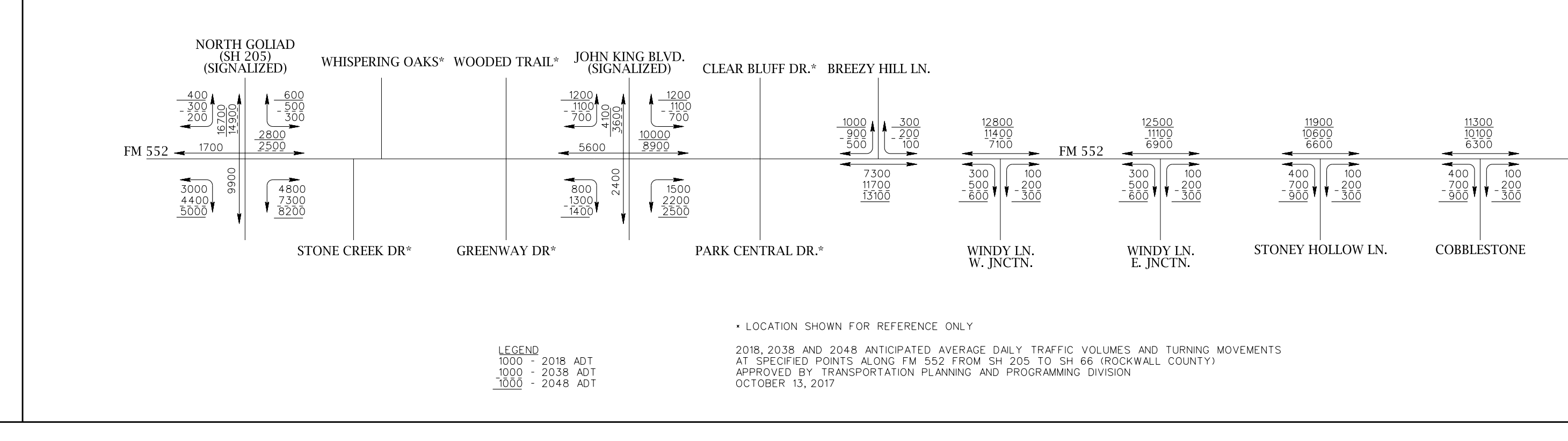
* 100' MIN. TAPER FOR DUAL LEFT-TURN LANES
** BASED ON 35 MPH SPEED OF VEHICLE ENTERING THE TURN LANE PER 2014 TXDOT RDM, TABLE 3-3.

LEFT TURN BAY LENGTHS				
TURN LANE	TAPER LENGTH	DECEL. LENGTH	STORAGE LENGTH	TOTAL LENGTH
	(FT)	(FT)	(FT)	(FT)
LTB-1	140	450	100	550
LTB-2	100	220	100	320
LTB-3	140	300	100	400
LTB-4	140	290	100	390
LTB-5	140	355	100	455
LTB-6	140	300	100	400
LTB-7	150	215	100	315
LTB-8	200	220	100	320
LTB-9	200	385	100	485
RIGHT TURN BAY LENGTHS				
RTB-1	125	435	100	535
RTB-2	145	320	100	420
RTB-3	115	255	100	355
RTB-4	145	300	100	400
NOTE: BASED ON 35 MPH SPEED OF VEHICLE ENTERING THE TURN LANE PER 2014 TXDOT RDM, TABLE 3-3.				

LEGEND

- 🟩 Proposed Pavement
- 🟨 Proposed Driveway
- 🟦 Proposed Sidewalk
- 🟧 Proposed Median
- ▨ Proposed Bridge Structure
- 🟪 FEMA Flood Zone
- 🟥 Displaced Building
- Existing ROW
- Proposed ROW
- Proposed Centerline
- Property Line
- Existing Easement
- Future / Existing Development
- Retaining Wall
- Proposed Drainage Easement
- Proposed Drainage Structure
- Proposed Ditch Flow Line

FORECAST AVERAGE DAILY TRAFFIC ADT VOLUMES


NORTH GOLIAD (SH 205) (SIGNALIZED)
WHISPERING OAKS*
WOODED TRAIL*
JOHN KING BLVD. (SIGNALIZED)
CLEAR BLUFF DR.*
BREEZY HILL LN.
FM 552
STONE CREEK DR*
GREENWAY DR*
PARK CENTRAL DR.*
WINDY LN. W. JNCTN.
WINDY LN. E. JNCTN.
STONEY HOLLOW LN.
COBBLESTONE
PANHANDLE DR.
MATCH LINE STA 102+00
400 300 200
600 500 300
2800 2500
1700
3000 4400 5000
4800 7300 8200
9900
1200 1100 700
10000 8900
5600
800 1300 1400
1500 2200 2500
2400
1000 900 500
300 200 100
7300 11700 13100
12800 11400 7100
300 500 600
100 200 300
12500 11100 6900
11900 10600 6600
400 700 900
11300 10100 6300
10000 8900 5500
900 1400 1600

LEGEND
1000 - 2018 ADT
1000 - 2038 ADT
1000 - 2048 ADT

* LOCATION SHOWN FOR REFERENCE ONLY

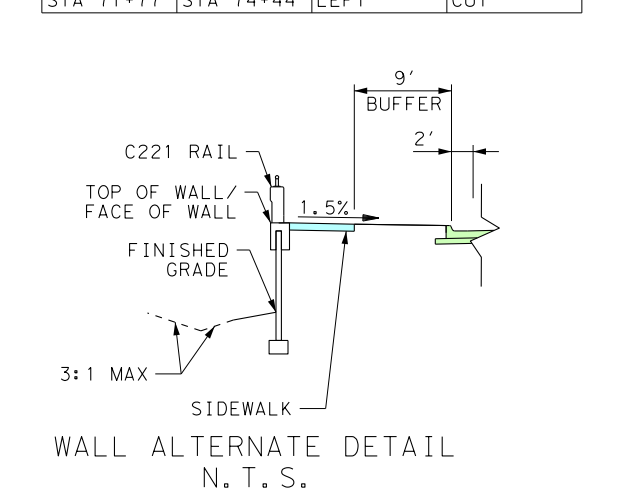
2018, 2038 AND 2048 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG FM 552 FROM SH 205 TO SH 66 (ROCKWALL COUNTY) APPROVED BY TRANSPORTATION PLANNING AND PROGRAMMING DIVISION OCTOBER 13, 2017

NORTH GOLIAD ST (SH 205)
WHISPERING OAKS
WOODED TRAIL
THOMPSON BRANCH
JOHN KING BLVD
CLEAR BLUFF DR
BREEZY HILL LN
STONE CREEK DR
GREENWAY DR
PARK CENTRAL DR
WINDY LN
STONEY HOLLOW LN
COBBLESTONE DR
SADDLE HORN CIR
PANHANDLE DR
FM552-CENT-1
FM552-CENT-2
FM552-CENT-3
FM552-CENT-4
FM552-CENT-5
FM552-CENT-6
FM552-CENT-7
EXISTING DRAINAGE STRUCTURE TO BE REMOVED 30" RCP ℄ FM 552 STA 11+57
PROPOSED CULVERT 11 30" RCP ℄ FM 552 STA 11+57.02
BEGIN PROJECT ℄ FM 552 STA 11+41.00
RETAINING WALL
PROPOSED CULVERT 28 2-5'X4' MBC ℄ FM 552 STA 28+59.31
PROPOSED CULVERT 45 2-9'X9' MBC ℄ FM 552 STA 45+07.54
PROPOSED CULVERT 60 2-6'X4' MBC ℄ FM 552 STA 60+09.00
PROPOSED CULVERT 76 2-24" RCP ℄ FM 552 STA 76+38.15
PROPOSED DRAINAGE EASEMENT
PROPOSED SIDEWALK
HIKE/ BIKE TRAIL
PROPOSED IMPROVEMENTS BY OTHERS
PROPOSED STRUCTURE UNDER CONSTRUCTION
FUTURE IMPROVEMENTS
PROP ROW
EXIST ROW
EXIST EASEMENT
ROCKWALL FREE METHODIST CHURCH
RIDGEVIEW BAPTIST CHURCH
TOM THUMB
7-ELEVEN
WOODBRIDGE MONTESSORI ACADEMY
JW WILLIAMS MIDDLE SCHOOL
CELIA HAYS ELEMENTARY SCHOOL
MEDIAN OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL MEDIAN OPENING LOCATIONS TO BE DETERMINED DURING PS&E AND IN COORDINATION WITH THE LOCAL GOVERNMENT.
MATCH LINE STA 102+00

THESE ARE PRELIMINARY DESIGN CONCEPTS
Subject to change based on further developments resulting from public input and technical review.

MATCH LINE STA 102+00

RETAINING WALL DETAILS			
WALL BEGIN STA	WALL END STA	LEFT/ RIGHT	CUT/ FILL
STA 11+87	STA 14+34	LEFT	FILL
STA 11+92	STA 16+37	RIGHT	FILL
STA 43+20	STA 43+50	RIGHT	FILL
STA 43+90	STA 45+00	RIGHT	FILL
STA 45+87	STA 47+90	RIGHT	FILL
STA 53+40	STA 56+60	RIGHT	FILL
STA 58+40	STA 60+00	RIGHT	FILL
STA 63+27	STA 66+53	RIGHT	FILL
STA 63+72	STA 66+56	LEFT	CUT
STA 67+14	STA 68+00	LEFT	FILL
STA 68+00	STA 68+23	LEFT	CUT
STA 68+23	STA 71+22	LEFT	FILL
STA 71+77	STA 74+44	LEFT	CUT


9' BUFFER
2'
C221 RAIL
TOP OF WALL/ FACE OF WALL
1.5%
FINISHED GRADE
3:1 MAX
SIDEWALK

WALL ALTERNATE DETAIL
N.T.S.

NO.	PROPERTY ID	OWNER NAME
3	91085	ALDI TEXAS LLC
4	32544	GOLIAD 711 ROCKWALL LLC
5	50922	RECTOR JAMES H JR & BETSY
6	17121	RIEHN CHARLES E JR
7	17122	RICKERT JEFFREY AND STEPHANIE
8	17130	SANCHEZ JAIME L & DIANE
9	17132	MCNEILS COLEEN M &
10	17138	CONTRERAS MARTIN R & MARIA E
11	10326	CDGT ROCKWALL/2016 LLC
12	85358	BH BALANCE IV LLC
13	87162	BH 60'S POD LTD
14	22548	RIDGEVIEW CHURCH
15	22549	JACKSON LEONARD E III
16	22550	MATHURA PHILLIP ANTHONY AND
17	22551	MATHURA PHILLIP ANTHONY AND
18	22552	STARK ROBERT SCOTT
19	22553	GRIMES LORI L AND KENDAL E
20	12408	SALLEY BETTY JEANE
21	12399	RINNER STEVEN
22	12407	EUBANK KATHLEEN ANN
23	12400	EUBANK W RANDALL
24	12401	RINNER STEVEN E ET UX
25	32542	WALKER DWIGHT L & JANET S
26	45870	PERKINS TIMOTHY PAUL & CAROLE LYNN
57	51176	FREE METHODIST CHURCH
58	81870	METROPLEX ACQUISITION FUND, LP
59	81867	METROPLEX ACQUISITION FUND, LP
60	81871	METROPLEX ACQUISITION FUND, LP
61	72176	LITTLE GENIUS OF TEXAS LLC
62	88637	CITY OF ROCKWALL
63	86683	MERITAGE HOMES OF TEXAS LLC
64	61438	ROCKWALL I S D
65	61439	CITY OF ROCKWALL
66	10976	THOMPSON BETTY L
67	10980	SILVA BERTHA
68	10981	LAMBERT ROY KENNETH
69	20771	BELEW CHARLES C & NANCY V
70	20747	BROOKS TIM
70A		MT ZION WATER SUPPLY
71	23799	HALLAM JOHN DOUGLAS AND DEBORAH GEAN
72	23798	STEED JAMES C & CINDY R
73	23823	JONES RONALD W ET UX
74	23800	FINKENBINDER KENNETH DAVID AND KEVIN JAMES
75	23766	MARTIN KY J AND EMILY M
76	57508	FITZGERALD RONALD & FEANETTE
77	57567	MORAN RYAN PATRICK
78	57584	HAMRICK NARECIA AND
79	57556	WALTON PAIGE A
80	70226	SUTHERLAND TINA
81	70229	MOSKOVITZ MARY AND JEFFREY
82	70230	ELROD JAMES ROBERT
83	10942	WIMPEE JERRY M ETUX
84	10944	BENSON CARROLL & GLENDA
85	10943	MARTEN TINA DENISE JONES
86	72265	CITY OF ROCKWALL

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
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DESIGN SCHEMATIC
FM 552
ROCKWALL COUNTY
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LOCAL STREETS | 30 MPH | URBAN LOCAL
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BEGIN CSJ 1017-01-015
STA 11+41.00
END PROJECT
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STA 285+43.76
ROCKWALL COUNTY
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0 100 200 HORIZONTAL
0 20 40 VERTICAL
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JULY 27, 2018
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ROLL 1 OF 4
Texas Department of Transportation
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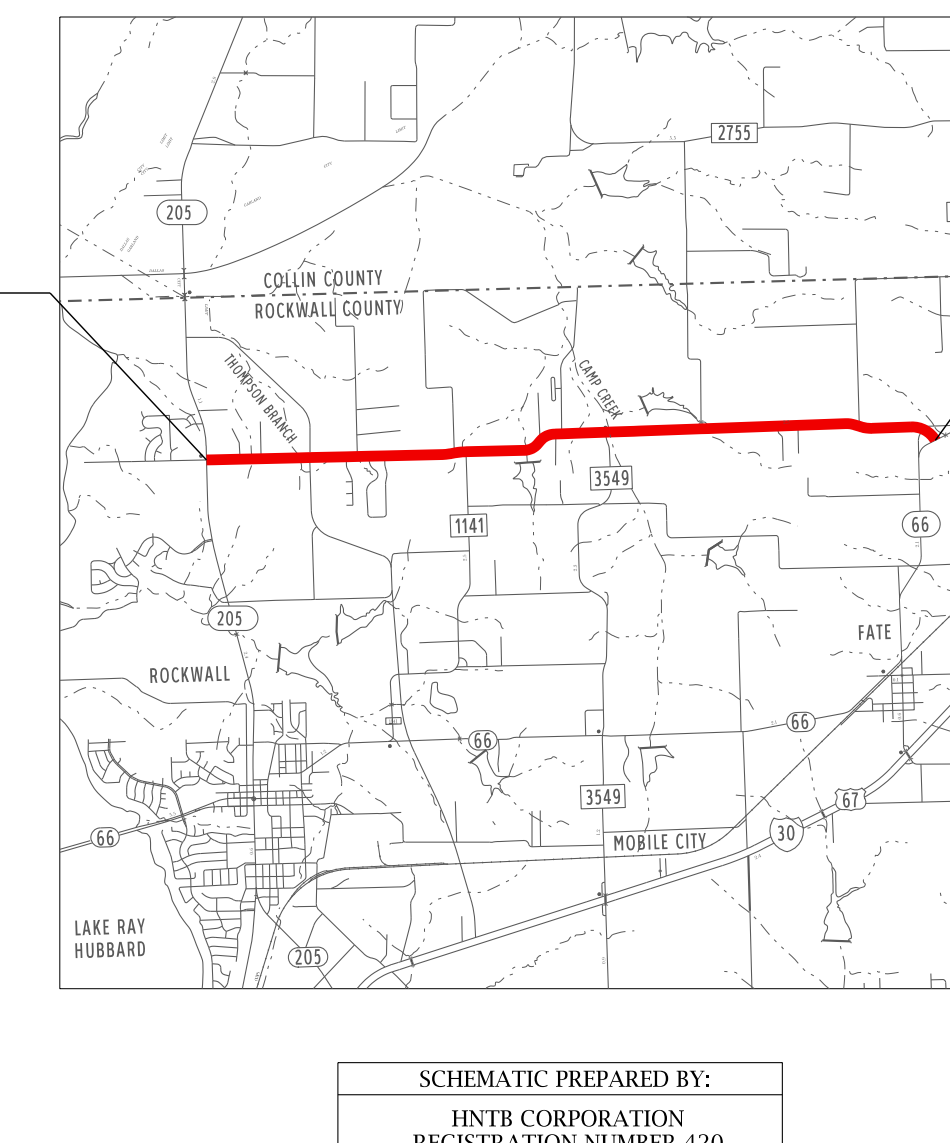

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DALLAS DISTRICT

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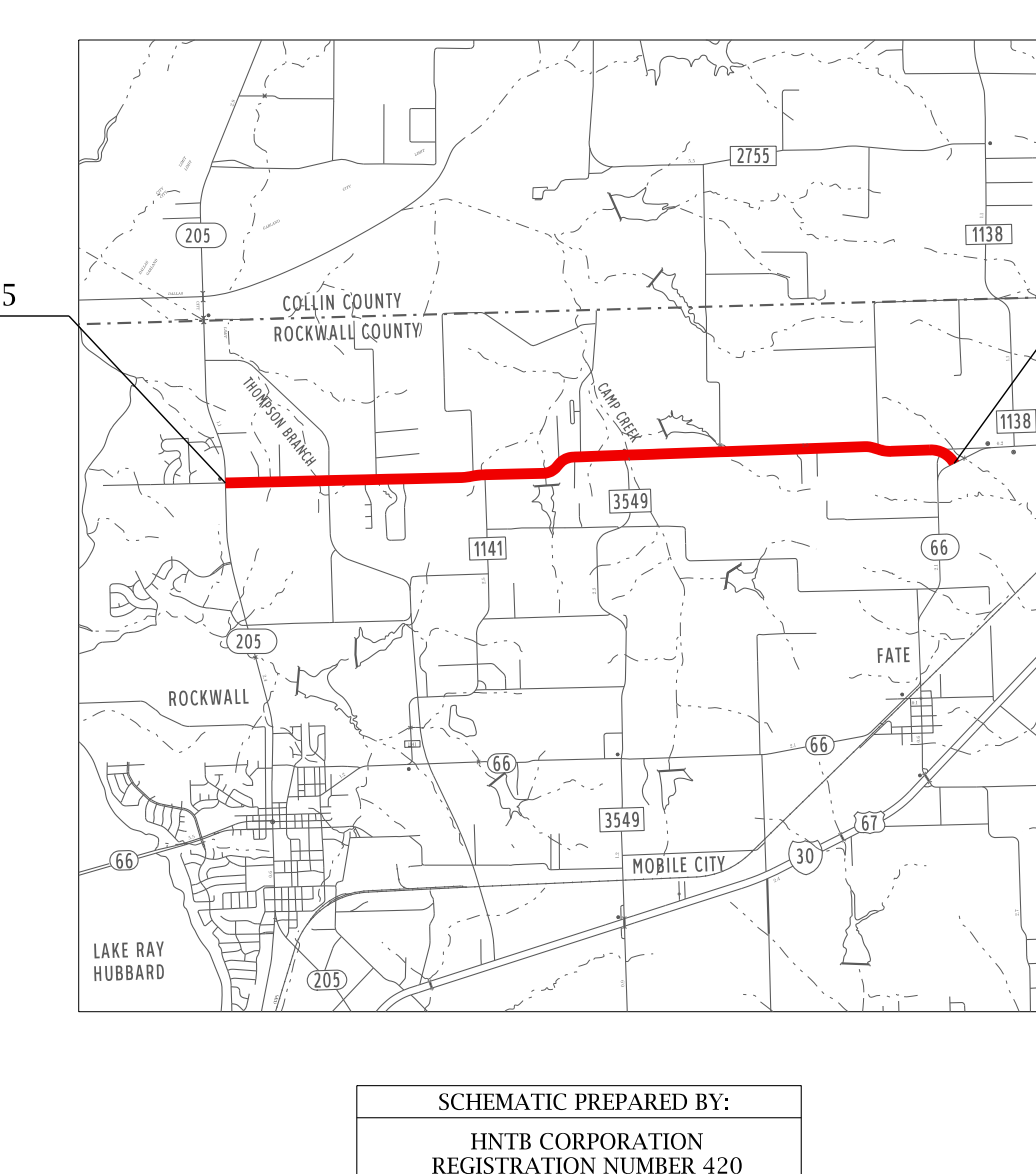
STONE CREEK DR/ BREEZY HILL LN/ ANNA CADE RD	30 MPH	URBAN MINOR COLLECTOR
LOCAL STREETS	30 MPH	URBAN LOCAL

BEGIN PROJECT
BEGIN CSJ 1017-01-015
STA 11+41.00


2755
205
1138
COLLIN COUNTY
ROCKWALL COUNTY
3549
1141
66
FATE
ROCKWALL
MOBILE CITY
LAKE RAY HUBBARD

END PROJECT
END CSJ 1017-01-015
STA 285+43.76

ROCKWALL COUNTY
NOT TO SCALE
DALLAS DISTRICT

0 100 200
HORIZONTAL
0 20 40
VERTICAL
SCALE IN FEET

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ROLL 2 OF 4

Texas Department of Transportation

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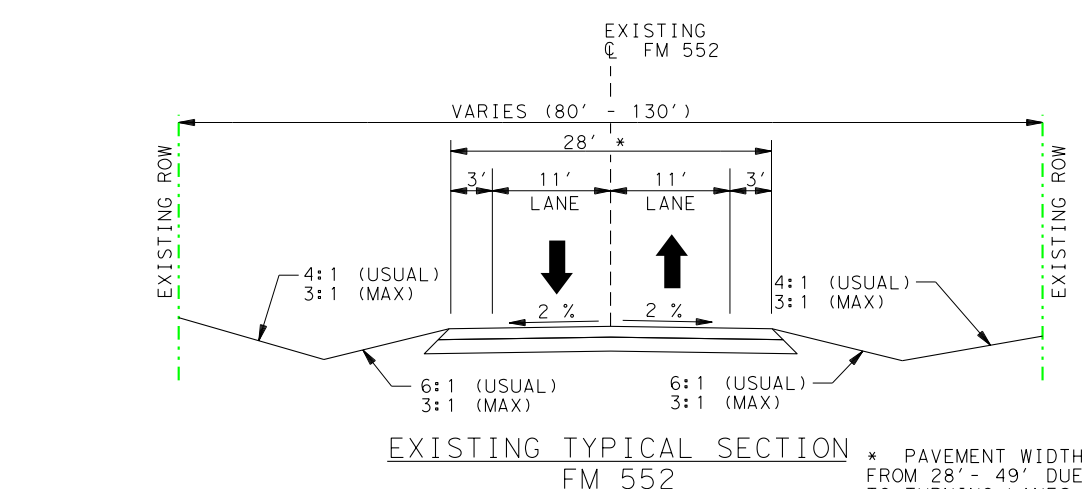
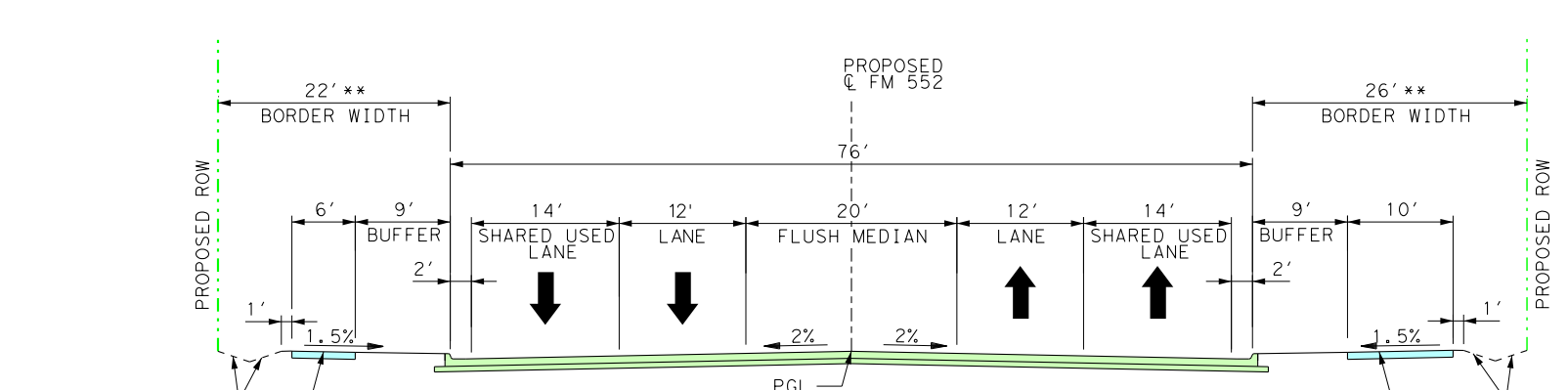

EXISTING ℄ FM 552
VARIES (80' - 130')
28' *
3' 11' 11' 3'
LANE LANE
2% 2%
EXISTING ROW
4:1 (USUAL) 3:1 (MAX)
6:1 (USUAL) 3:1 (MAX)

EXISTING TYPICAL SECTION
FM 552
N.T.S.

* PAVEMENT WIDTH VARIES FROM 28' - 49' DUE TO TURNING LANES AND HATCHED MEDIAN.

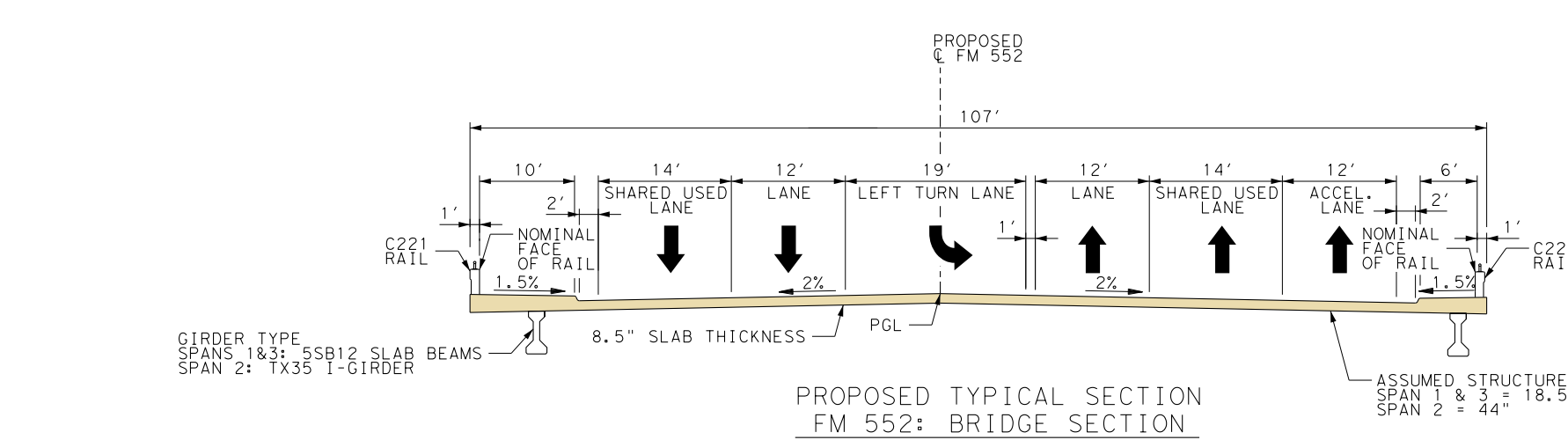

PROPOSED ℄ FM 552
22' ** BORDER WIDTH
26' ** BORDER WIDTH
76'
6' 9' 14' 12' 20' 12' 14' 9' 10'
BUFFER SHARED USED LANE LANE FLUSH MEDIAN LANE SHARED USED LANE BUFFER
2' 1' 1.5% 2% 2%
PROPOSED ROW
3:1 MAX
SIDEWALK
PGL
HIKE/ BIKE TRAIL

PROPOSED TYPICAL SECTION
FM 552: W/ FLUSH MEDIAN
STA 57+72 TO STA 81+60
STA 95+18 TO STA 161+79
N.T.S.

** BORDER WIDTH VARIES BASED ON GRADING NEEDS

FM 552

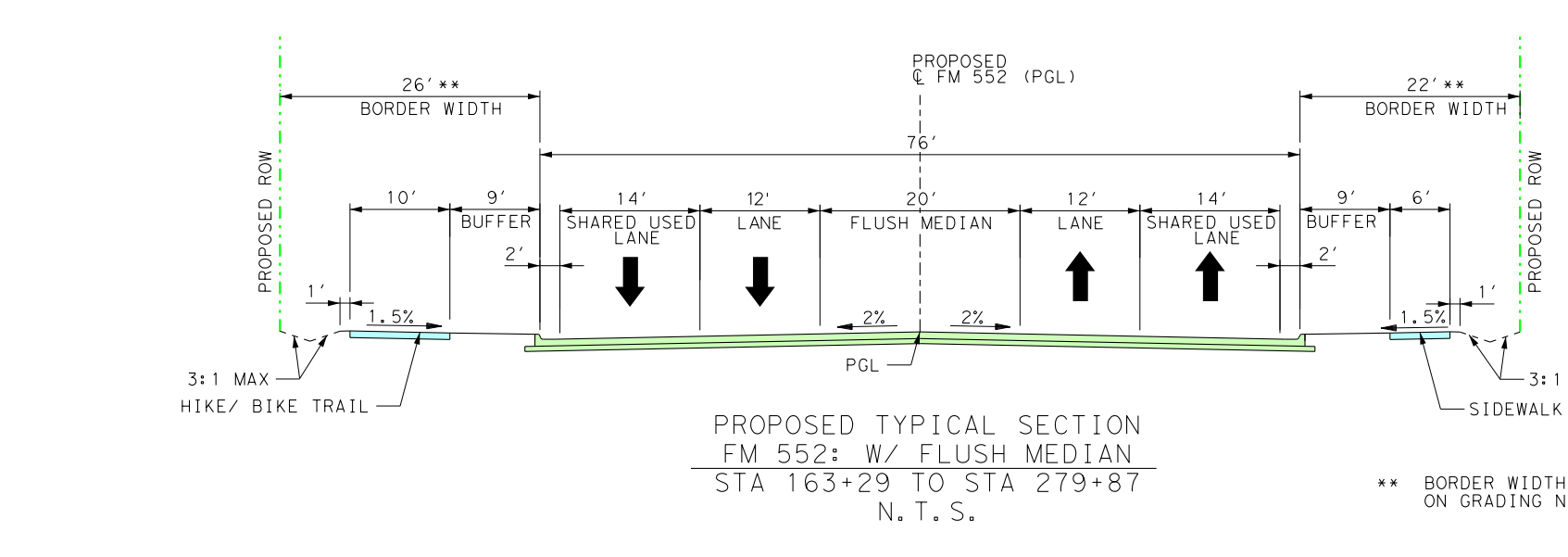
CURVE NO.	STATION	COORDINATE N	COORDINATE E	BEARING/DELTA	LENGTH (FT)	TANGENT (FT)	RADIUS (FT)
FM552-CENT (DESIGN SPEED: 45 MPH)							
FM552-CENT-8	P.C. 105+24.78	7041547.791	2602421.02	N 81°55′20.90" E			
	P.I. 107+08.12	7041573.552	2602602.537	7°29′32.71" RT	366.1487	183.3357	2800
	P.T. 108+90.93	7041575.424	2602785.863	N 89°24′53.61" E			
FM552-CENT-9	P.C. 127+73.60	7041594.65	2604668.439	N 89°24′53.61" E			
	P.I. 131+96.49	7041598.968	2605091.301	44°15′18.63" LT	803.2944	422.8836	1040
	P.R.C. 135+76.90	7041897.157	2605391.157	N 45°09′34.98" E			
FM552-CENT-10	P.R.C. 135+76.90	7041897.157	2605391.157	N 45°09′34.98" E			
	P.I. 139+96.45	7042192.998	2605688.651	43°56′23.46" RT	797.5708	419.5524	1040
	P.T. 143+74.47	7042199.591	2606108.152	N 89°05′58.44" E			
FM552-CENT-11	P.C. 154+76.18	7042216.904	2607209.724	N 89°05′58.44" E			
	P.I. 155+85.34	7042218.619	2607318.868	2°05′04.31" LT	218.2915	109.1578	6000
	P.T. 156+94.47	7042224.304	2607427.878	N 87°00′54.13" E			
FM552-CENT-12	P.C. 165+17.11	7042267.142	2608249.402	N 87°00′54.13" E			
	P.I. 166+58.64	7042274.512	2608390.743	2°42′09.28" RT	283.0134	141.533	6000
	P.T. 168+00.12	7042275.209	2608532.274	N 89°43′03.41" E			
FM552-CENT-13	P.C. 187+23.48	7042284.689	2610455.603	N 89°43′03.41" E			
	P.I. 187+93.18	7042285.032	2610525.311	0°47′55.67" LT	139.4162	69.7092	10000
	P.T. 188+62.89	7042286.348	2610595.008	N 88°55′07.75" E			


PROPOSED ℄ FM 552
107'
10' 14' 12' 19' 12' 14' 12' 6'
SHARED USED LANE LANE LEFT TURN LANE LANE SHARED USED LANE ACCEL. LANE
NOMINAL FACE OF RAIL
C221 RAIL
1.5% 2% 2%
8.5" SLAB THICKNESS
PGL
GIRDER TYPE SPANS 1&3: 5SB12 SLAB BEAMS SPAN 2: TX35 I-GIRDER
ASSUMED STRUCTURE DEPTH SPAN 1 & 3 = 18.5" SPAN 2 = 44"

PROPOSED TYPICAL SECTION
FM 552: BRIDGE SECTION
STA 161+79 TO STA 163+29
N.T.S.

NOTES:

1. MAPPING BASED ON AERIAL INFORMATION PROVIDED BY TXDOT ON MAY 2010, SUPPLEMENTAL SURVEY PROVIDED BY DOUPHRATE & ASSOCIATES ON DECEMBER 2010.
2. EXISTING ROW AND PROPERTY LINES PROVIDED BY DOUPHRATE & ASSOCIATES ON AUGUST 2010.
3. LIMITS OF DRIVEWAY CONSTRUCTION AND PROPOSED TEMP EASEMENTS SHOWN ARE PRELIMINARY AND SUBJECT TO FINAL DESIGN REFINEMENT.


PROPOSED ℄ FM 552 (PGL)
26' ** BORDER WIDTH
22' ** BORDER WIDTH
76'
10' 9' 14' 12' 20' 12' 14' 9' 6'
BUFFER SHARED USED LANE LANE FLUSH MEDIAN LANE SHARED USED LANE BUFFER
PROPOSED ROW
1.5% 2% 2%
3:1 MAX
HIKE/ BIKE TRAIL
PGL
SIDEWALK

PROPOSED TYPICAL SECTION
FM 552: W/ FLUSH MEDIAN
STA 163+29 TO STA 279+87
N.T.S.

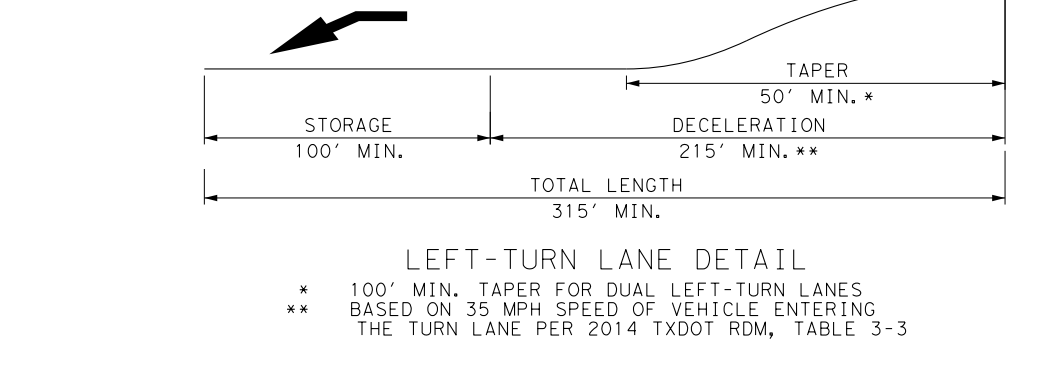
** BORDER WIDTH VARIES BASED ON GRADING NEEDS

LEGEND

- 🟩 Proposed Pavement
- 🟨 Proposed Driveway
- 🟦 Proposed Sidewalk
- 🟧 Proposed Median
- 🟫 Proposed Bridge Structure
- 🟪 FEMA Flood Zone
- ▨ Displaced Building
- Existing ROW
- Proposed ROW
- Proposed Centerline
- Property Line
- Existing Easement
- Future / Existing Development
- Retaining Wall
- Proposed Drainage Easement
- Proposed Drainage Structure
- Proposed Ditch Flow Line

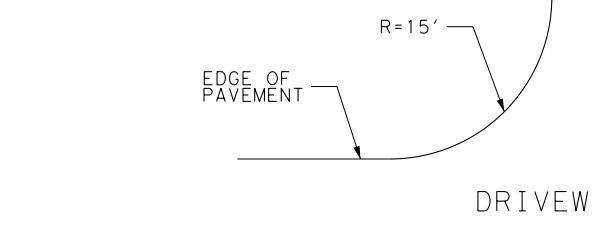
RIGHT TURN BAY LENGTHS				
TURN LANE	TAPER LENGTH (FT)	DECEL. LENGTH (FT)	STORAGE LENGTH (FT)	TOTAL LENGTH (FT)
RTB-5	145	305	100	405
RTB-6	140	295	100	395

NOTE: BASED ON 35 MPH SPEED OF VEHICLE ENTERING THE TURN LANE PER 2014 TXDOT RDM, TABLE 3-3.


TAPER 50' MIN.*
STORAGE 100' MIN.
DECELERATION 215' MIN.**
TOTAL LENGTH 315' MIN.

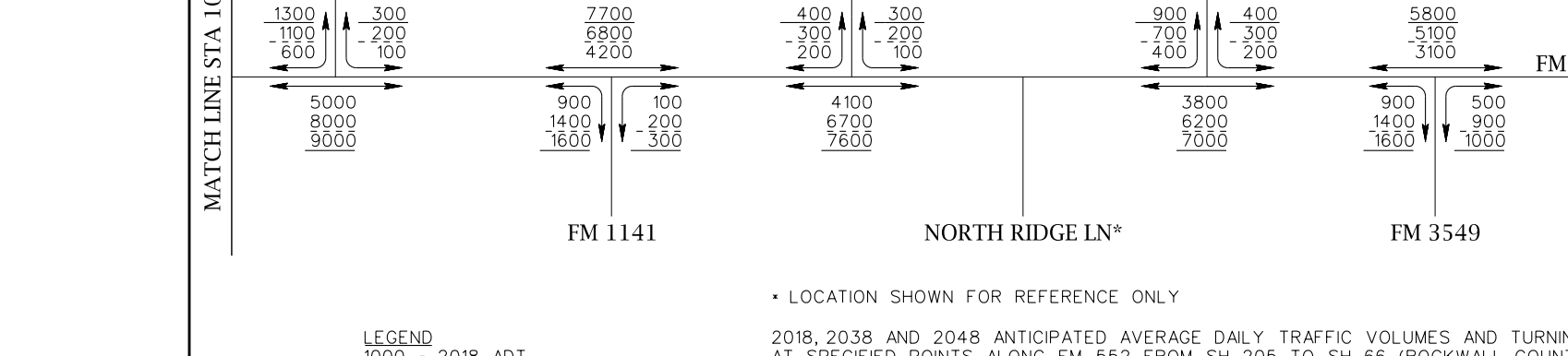
LEFT-TURN LANE DETAIL

* 100' MIN. TAPER FOR DUAL LEFT-TURN LANES
** BASED ON 35 MPH SPEED OF VEHICLE ENTERING THE TURN LANE PER 2014 TXDOT RDM, TABLE 3-3


VARIES 12' MIN.
R=15'
R=15'
EDGE OF PAVEMENT

DRIVEWAY DETAIL

FORECAST AVERAGE DAILY TRAFFIC ADT VOLUMES


ANNA CADE RD.
RED VALLEY RD.
OLD MILLWOOD RD.
N. SMITH RD.
MATCH LINE STA 102+00
MATCH LINE STA 199+00
FM 552
FM 1141
NORTH RIDGE LN*
FM 3549
1300 1100 600
300 200 100
5000 8000 9000
7700 6800 4200
900 1400 1600
100 200 300
400 300 200
300 200 100
4100 6700 7600
900 700 400
400 300 200
3800 6200 7000
5800 5100 3100
900 1400 1600
500 900 1000
1000 900 200
600 500 300
3100 5100 5800

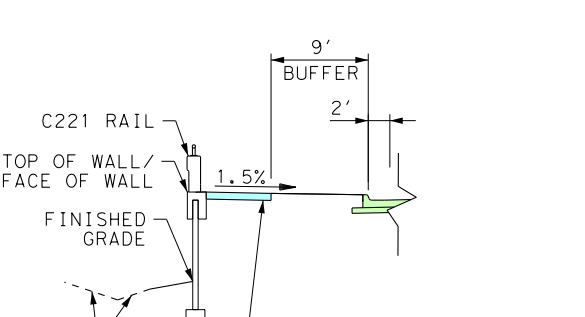
* LOCATION SHOWN FOR REFERENCE ONLY

LEGEND
1000 - 2018 ADT
1000 - 2038 ADT
1000 - 2048 ADT

2018, 2038 AND 2048 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG FM 552 FROM SH 205 TO SH 66 (ROCKWALL COUNTY). APPROVED BY TRANSPORTATION PLANNING AND PROGRAMMING DIVISION OCTOBER 13, 2017.

MATCH LINE STA 102+00
MATCH LINE STA 199+00
ANNA CADE RD
FM 1141
NELSON CREEK
RED VALLEY RUN
NORTH RIDGE LN
OLD MILLWOOD RD
FM 3549
CAMP CREEK
CAMP CREEK TRIBUTARY 17
N SMITH RD
FM552-CENT-8
FM552-CENT-9
FM552-CENT-10
FM552-CENT-11
FM552-CENT-12
FM552-CENT-13
PROP ROW
EXIST ROW
EXIST EASEMENT
RETAINING WALL
HIKE/ BIKE TRAIL
PROPOSED SIDEWALK
RTB-5
RTB-6
26 27 28 29 30 31 32 33 34 35 36 37 38 39 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 100A 101 102 103
MOUNT ZION CEMETARY
PROPOSED CULVERT 105 6'X4' SBC ℄ FM 552 STA 105+46.43
PROPOSED CULVERT 116 3'X2' SBC ℄ FM 552 STA 115+90.05
PROPOSED CULVERT 129 3-6'X6' MBC ℄ FM 552 STA 129+51.37
PROPOSED CULVERT 149 6'X4' SBC ℄ FM 552 STA 149+36.46
PROPOSED CULVERT 172 8'X4' SBC ℄ FM 552 STA 172+68.06
PROPOSED CULVERT 198 4-10'X5' MBC ℄ FM 552 STA 198+49.16
BEGIN BRIDGE ℄ FM 552 STA 161+79.48
END BRIDGE ℄ FM 552 STA 163+29.48
FUTURE BEN PAYNE RD DESIGN BY OTHERS BASED ON CITY OF FATE THOROUGHFARE PLAN

THESE ARE PRELIMINARY DESIGN CONCEPTS
Subject to change based on further developments resulting from public input and technical review.

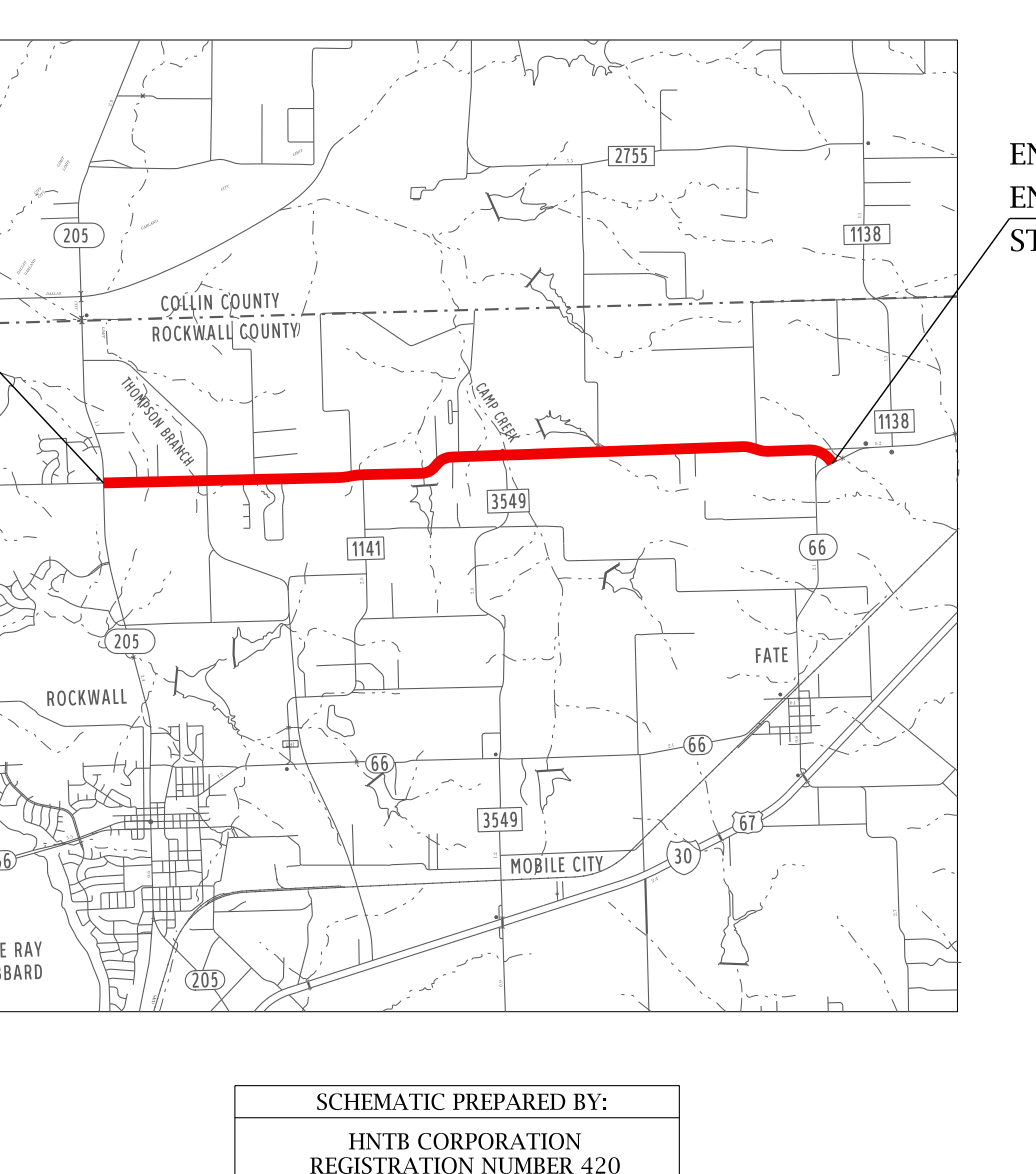

9' BUFFER
2'
C221 RAIL
TOP OF WALL/ FACE OF WALL
1.5%
FINISHED GRADE
3:1 MAX
SIDEWALK

WALL ALTERNATE DETAIL
N.T.S.

RETAINING WALL DETAILS			
WALL BEGIN STA	WALL END STA	LEFT/ RIGHT	CUT/ FILL
STA 130+66	STA 132+58	LEFT	FILL
STA 148+00	STA 149+90	RIGHT	FILL

NO.	PROPERTY ID	OWNER NAME
26	45870	PERKINS TIMOTHY PAUL & CAROLE LYNN
27	12486	EIDT WILLIAM H AND
28	12484	EIDT WILLIAM H AND
29	12482	KHATER CHARLES
30	12503	HOFFMAN MARK A & BONNIE JO
31	80716	SHARP JAMES H
32	26850	DRAKE KATHRYN I AKA KATHRYN M IVANCIC AND
33	83466	SMITH ALLEN W & CARI D
34	12517	CARPENTER KENNETH & SONYA
35	12512	HITTSON FAMILY LIMITED PARTNERSHIP
36	26950	HITTSON FAMILY LIMITED PARTNERSHIP
37	12488	BJJ INVESTMENTS LTD & ETAL
38	10899	BJJ INVESTMENTS LTD & ETAL
39	10893	CAMERON ELIZABETH
86	72265	CITY OF ROCKWALL
87	72264	ROCKWALL I S D
88	10937	UNISON INVESTMENT
89	12434	ATKINS ROBERT D
90	12461	ELIZONDO ROBERTO
91	20286	SMITH JOHNNY C & BARBARA J
92	20279	SMITH CHRISTOPHER COLE
93	12445	GRADY CAROL JOHNSTON
94	12447	BELL DAVE W & NINA R
95	33632	HOLZHEIMER TIMOTHY R & GLORIA
96	12440	MORGAN DOUGLAS E & DEANNA L
97	57160	COZBY MELINA A & BRANDON D
98	12444	SANDLIN BRYAN L ETUX
99	85346	GRIFFITH RYAN
100	12454	DUCHAK DEAN & MELINDA
100A	90712	TRUSTEES OF MOUNT ZION CHURCH (CEMETERY)
101	51652	HARRELL WILLIAM D & HALEY P
102	12453	NOEL GREGORY P
103	12452	BJJ INVESTMENTS LTD & ETAL

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. - DISTRICT ENGINEER
DESIGN SCHEMATIC
FM 552
ROCKWALL COUNTY
FROM NORTH GOLIAD ST. (SH 205) TO SH 66
CSJ : 1017-01-015
PROJECT LENGTH= 5.19 MILES
ROADWAY | DESIGN SPEED | CLASSIFICATION
FM 552/ JOHN KING BLVD | 45 MPH | URBAN PRINCIPAL ARTERIAL
FM 1141/ FM 3549 | 40 MPH | URBAN MAJOR COLLECTOR
PANHANDLE DR | 35 MPH | URBAN MAJOR COLLECTOR
STONE CREEK DR/ BREEZY HILL LN/ ANNA CADE RD | 30 MPH | URBAN MINOR COLLECTOR
LOCAL STREETS | 30 MPH | URBAN LOCAL
BEGIN PROJECT
BEGIN CSJ 1017-01-015
STA 11+41.00
END PROJECT
END CSJ 1017-01-015
STA 285+43.76


2755
205
1138
COLLIN COUNTY
ROCKWALL COUNTY
3549
1141
66
FATE
ROCKWALL
MOBILE CITY
LAKE RAY HUBBARD

ROCKWALL COUNTY
NOT TO SCALE
DALLAS DISTRICT
0 100 200
HORIZONTAL
0 20 40
VERTICAL
SCALE IN FEET
NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.
SCHEMATIC PREPARED BY:
HNTB CORPORATION
REGISTRATION NUMBER 420
FOR INTERIM REVIEW ONLY
NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.
PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
RUSSELL K. OZMER 91108
NAME P.E. #
JULY 27, 2018
JULY 27, 2018
ROLL 2 OF 4
Texas Department of Transportation
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HNTB
HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TBPE Firm Registration No. 420

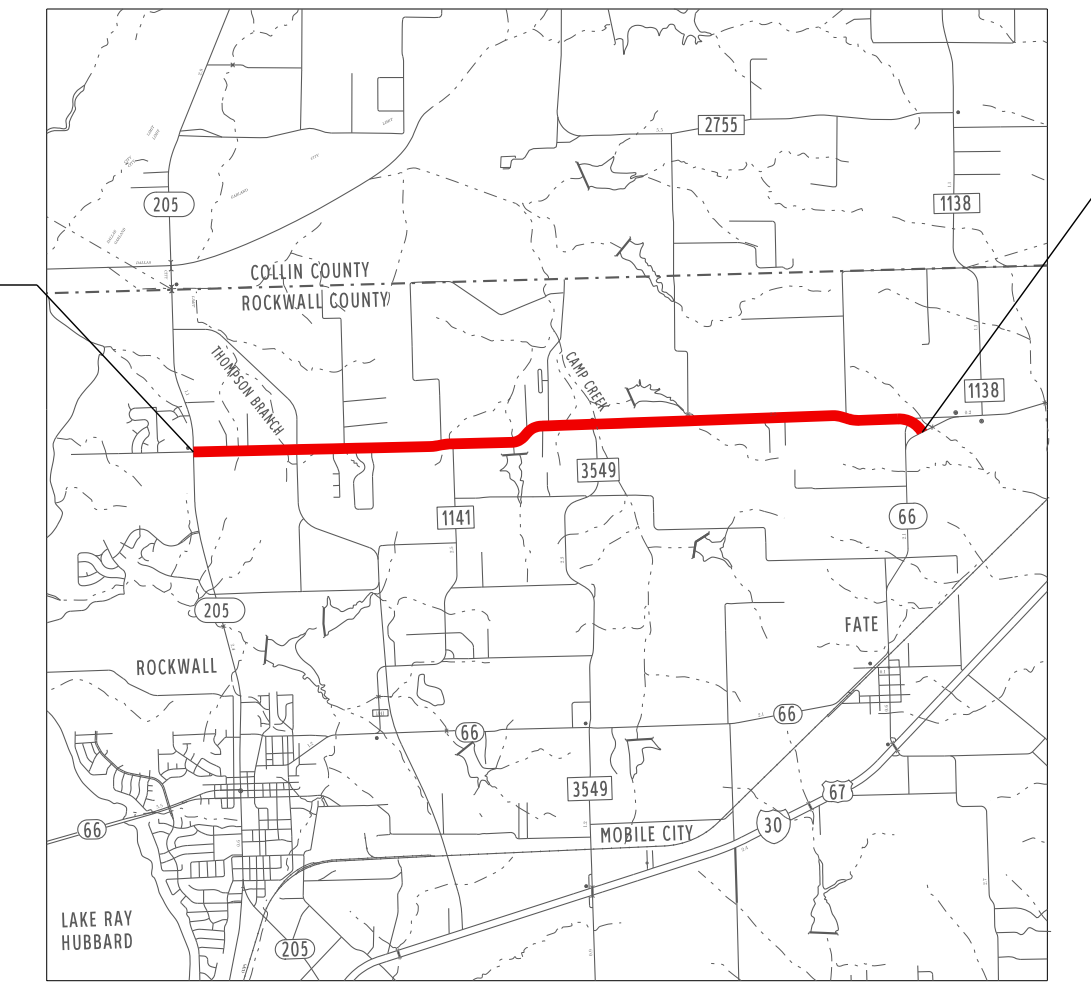
TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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

FM 552
ROCKWALL COUNTY

FROM NORTH GOLIAD ST. (SH 205) TO SH 66
CSJ : 1017-01-015
PROJECT LENGTH= 5.19 MILES

ROADWAY	DESIGN SPEED	CLASSIFICATION
FM 552/ JOHN KING BLVD	45 MPH	URBAN PRINCIPAL ARTERIAL
FM 1141/ FM 3549	40 MPH	URBAN MAJOR COLLECTOR
PANHANDLE DR	35 MPH	URBAN MAJOR COLLECTOR
STONE CREEK DR/ BREEZY HILL LN/ ANNA CADE RD	30 MPH	URBAN MINOR COLLECTOR
LOCAL STREETS	30 MPH	URBAN LOCAL



BEGIN PROJECT
BEGIN CSJ 1017-01-015
STA 11+41.00
END PROJECT
END CSJ 1017-01-015
STA 285+43.76
COLLIN COUNTY
ROCKWALL COUNTY
2755
205
1138
3549
1141
66
FATE
ROCKWALL
MOBILE CITY
LAKE RAY HUBBARD
N

ROCKWALL COUNTY
NOT TO SCALE
DALLAS DISTRICT

0 100 200
HORIZONTAL
0 20 40
VERTICAL
SCALE IN FEET

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

SCHEMATIC PREPARED BY:
HNTB CORPORATION
REGISTRATION NUMBER 420
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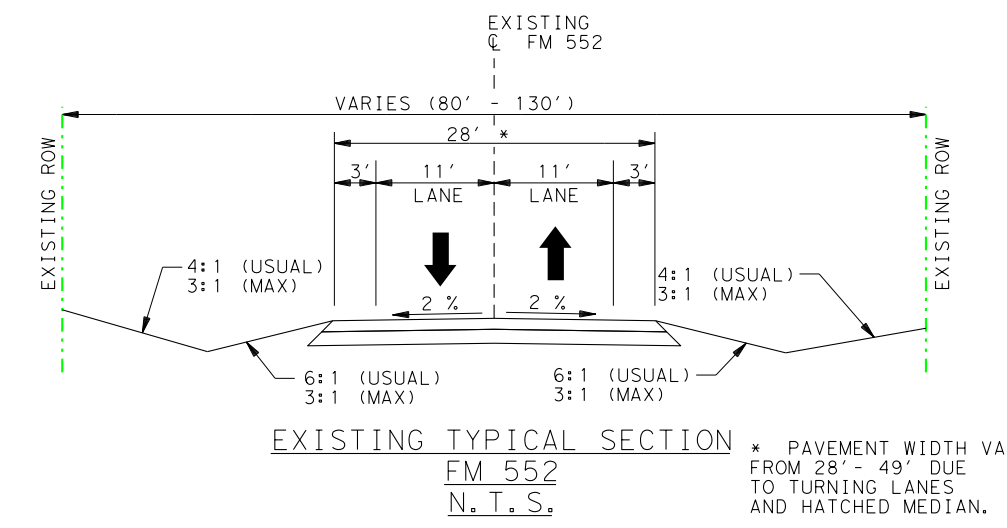
PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
RUSSELL K. OZMER 91108
NAME P.E. #
JULY 27, 2018

JULY 27, 2018
ROLL 3 OF 4

Texas Department of Transportation

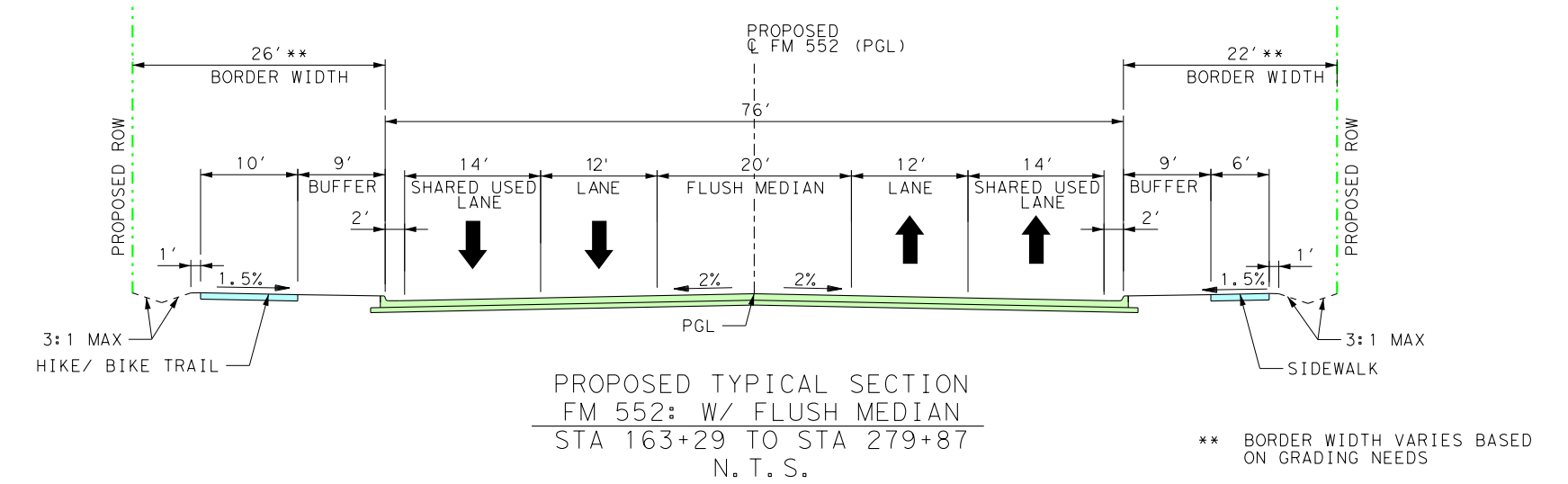
HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TBPE Firm Registration No. 420



EXISTING
℄ FM 552
VARIES (80' - 130')
28' *
3' 11' 11' 3'
LANE LANE
2% 2%
EXISTING ROW
EXISTING ROW
4:1 (USUAL)
3:1 (MAX)
6:1 (USUAL)
3:1 (MAX)

EXISTING TYPICAL SECTION
FM 552
N.T.S.

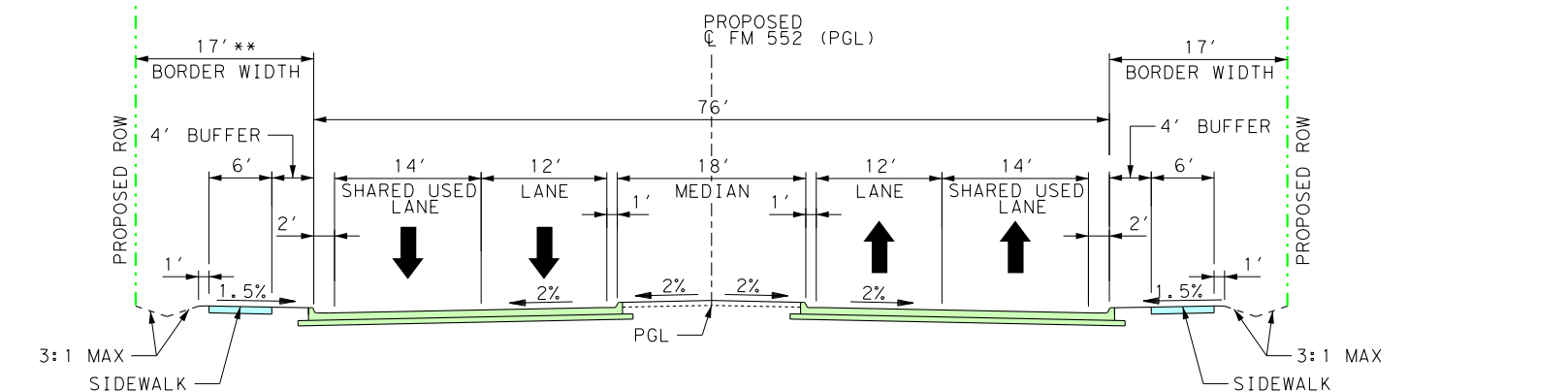
* PAVEMENT WIDTH VARIES FROM 28' - 49' DUE TO TURNING LANES AND HATCHED MEDIAN.



PROPOSED
℄ FM 552 (PGL)
26'**
BORDER WIDTH
22'**
BORDER WIDTH
76'
10' 9' BUFFER 14' SHARED USED LANE 12' LANE 20' FLUSH MEDIAN 12' LANE 14' SHARED USED LANE 9' BUFFER 6'
PROPOSED ROW
2' 1' 1.5% 2% 2% 1.5%
PGL
3:1 MAX
HIKE/ BIKE TRAIL
SIDEWALK

PROPOSED TYPICAL SECTION
FM 552: W/ FLUSH MEDIAN
STA 163+29 TO STA 279+87
N.T.S.

** BORDER WIDTH VARIES BASED ON GRADING NEEDS



PROPOSED
℄ FM 552 (PGL)
17'**
BORDER WIDTH
17'
BORDER WIDTH
76'
4' BUFFER
6' 14' SHARED USED LANE 12' LANE 18' MEDIAN 12' LANE 14' SHARED USED LANE 6'
PROPOSED ROW
2' 1' 1.5% 2% 2% 2% 2% 1.5%
PGL
3:1 MAX
SIDEWALK

PROPOSED TYPICAL SECTION
FM 552: W/RAISED MEDIAN
STA 279+87 TO STA 285+44
N.T.S.

** BORDER WIDTH VARIES BASED ON GRADING NEEDS

FM 552

CURVE NO.	STATION	COORDINATE N	COORDINATE E	BEARING/DELTA	LENGTH (FT)	TANGENT (FT)	RADIUS (FT)
FM552-CENT (DESIGN SPEED: 45 MPH)							
FM552-CENT-14	P.C. 209+04.47	7042324.87	2612636.222	N 88°55'07.75" E			
	P.I. 209+80.20	7042326.299	2612711.943	0°52'04.23" LT	151.4669	75.7349	10000
	P.T. 210+55.94	7042328.875	2612787.634	N 88°03'03.52" E			
FM552-CENT-15	P.C. 233+00.15	7042405.202	2615030.554	N 88°03'03.52" E			
	P.I. 233+70.77	7042407.603	2615101.125	0°30'20.59" RT	141.2234	70.6121	16000
	P.T. 234+41.38	7042409.382	2615171.715	N 88°33'24.11" E			
FM552-CENT-16	P.C. 249+50.06	7042447.382	2616679.922	N 88°33'24.11" E			
	P.I. 251+74.67	7042453.039	2616904.458	24°22'25.64" RT	442.419	224.607	1040
	P.T. 253+92.48	7042365.529	2617111.316	S 67°04'10.26" E			
FM552-CENT-17	P.C. 255+58.99	7042300.656	2617264.667	S 67°04'10.26" E			
	P.I. 257+81.00	7042214.157	2617469.133	24°06'00.98" LT	437.4543	222.0102	1040
	P.T. 259+96.44	7042218.69	2617691.097	N 88°49'48.76" E			
FM552-CENT-18	P.C. 275+41.19	7042250.226	2619235.52	N 88°49'48.76" E			
	P.I. 280+45.53	7042260.522	2619739.759	64°27'25.78" RT	899.9918	504.3444	800
	P.T. 284+41.18	7041810.005	2619966.47	S 26°42'45.46" E			

FM 552 - SUPER ELEVATION

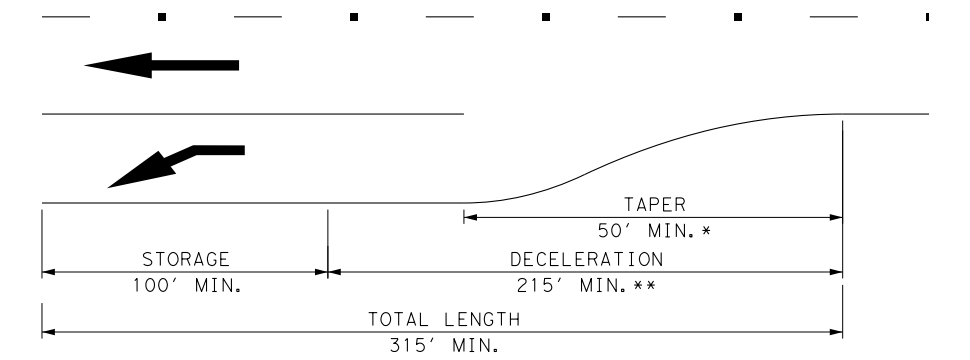
ALIGNMENT	STATION	LT	RT	DESCRIPTION
FM552-CENT-18	273+50.00	-2.00%	-2.00%	BEGIN TRANSITION
FM552-CENT-18	275+50.00	2.00%	-2.00%	END TRANSITION/BEGIN FULL SUPER
FM552-CENT-18	283+32.00	2.00%	-2.00%	END FULL SUPER/BEGIN TRANSITION
FM552-CENT-18	285+32.00	-2.00	-2.00%	END TRANSITION

NOTES:

1. MAPPING BASED ON AERIAL INFORMATION PROVIDED BY TXDOT ON MAY 2010, SUPPLEMENTAL SURVEY PROVIDED BY DOUPHRATE & ASSOCIATES ON DECEMBER 2010.
2. EXISTING ROW AND PROPERTY LINES PROVIDED BY DOUPHRATE & ASSOCIATES ON AUGUST 2010.
3. LIMITS OF DRIVEWAY CONSTRUCTION AND PROPOSED TEMP EASEMENTS SHOWN ARE PRELIMINARY AND SUBJECT TO FINAL DESIGN REFINEMENT.

LEGEND

🟩	Proposed Pavement
🟨	Proposed Driveway
🟦	Proposed Sidewalk
🟧	Proposed Median
🟫	Proposed Bridge Structure
🟪	FEMA Flood Zone
▨	Displaced Building
- - -	Existing ROW
- · -	Proposed ROW
- - -	Proposed Centerline
- - -	Property Line
· · ·	Existing Easement
—	Future / Existing Development
—	Retaining Wall
· · ·	Proposed Drainage Easement
—	Proposed Drainage Structure
➤	Proposed Ditch Flow Line



STORAGE
100' MIN.
TAPER
50' MIN. *
DECELERATION
215' MIN. **
TOTAL LENGTH
315' MIN.

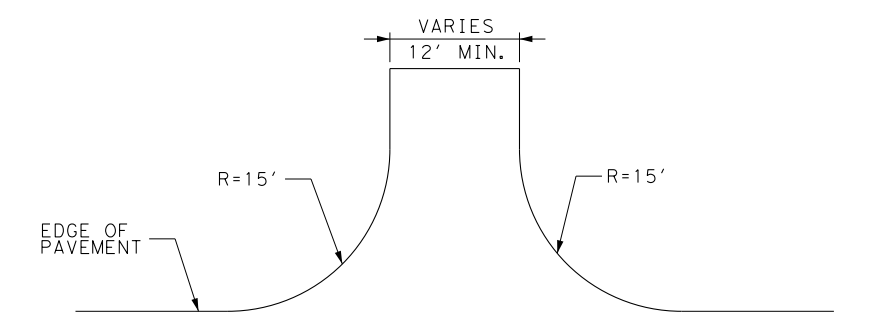
LEFT-TURN LANE DETAIL

* 100' MIN. TAPER FOR DUAL LEFT-TURN LANES
** BASED ON 35 MPH SPEED OF VEHICLE ENTERING THE TURN LANE PER 2014 TXDOT RDM, TABLE 3-3

LEFT TURN BAY LENGTHS

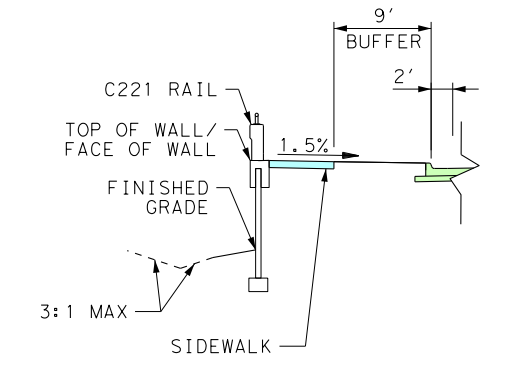
TURN LANE	TAPER LENGTH (FT)	DECEL. LENGTH (FT)	STORAGE LENGTH (FT)	TOTAL LENGTH (FT)
LTB-10	140	325	100	425

NOTE: BASED ON 35 MPH SPEED OF VEHICLE ENTERING THE TURN LANE PER 2014 TXDOT RDM, TABLE 3-3.



VARIES
12' MIN.
R=15'
R=15'
EDGE OF PAVEMENT

DRIVEWAY DETAIL



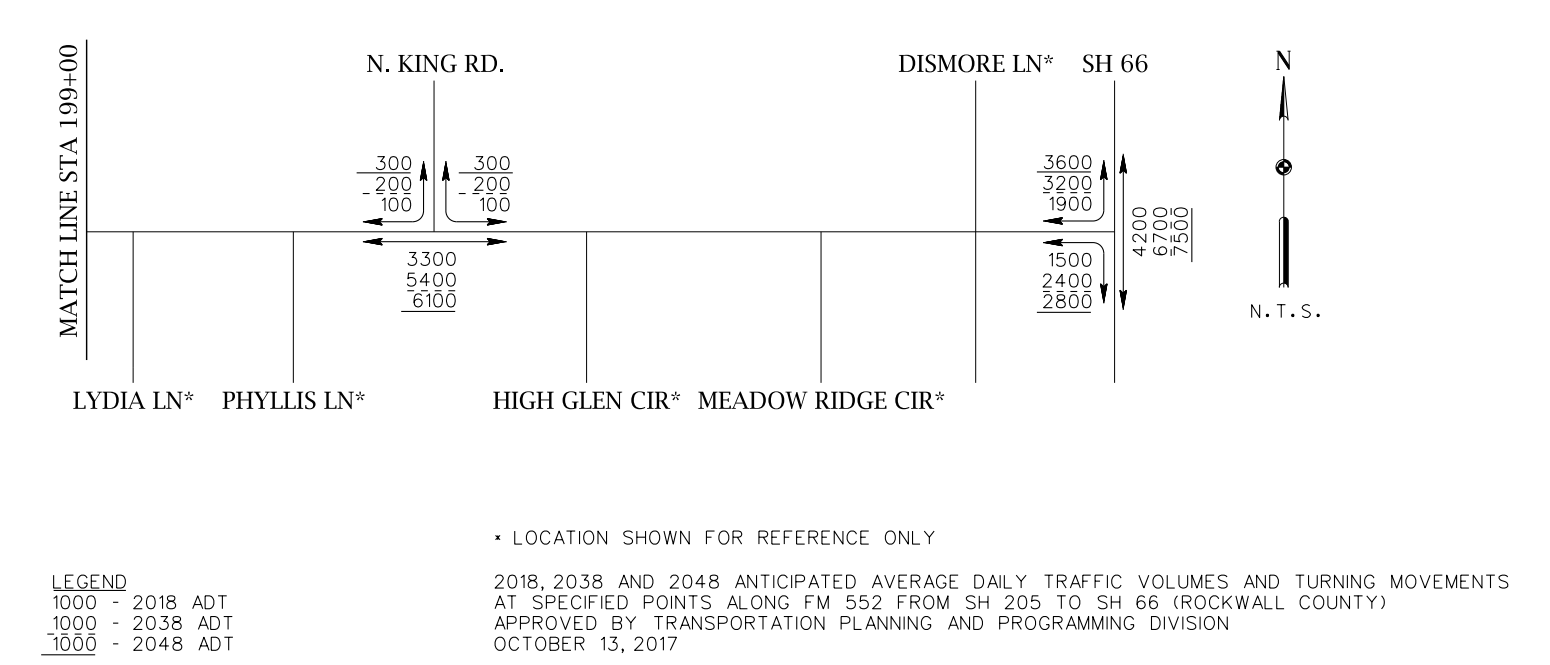
9'
BUFFER
2'
C221 RAIL
TOP OF WALL/ FACE OF WALL
1.5%
FINISHED GRADE
3:1 MAX
SIDEWALK

WALL ALTERNATE DETAIL
N.T.S.

RETAINING WALL DETAILS

WALL BEGIN STA	WALL END STA	LEFT/ RIGHT	CUT/ FILL
STA 284+74	STA 285+21	LEFT	FILL

FORECAST AVERAGE DAILY TRAFFIC ADT VOLUMES



MATCH LINE STA 199+00
N. KING RD.
DISMORE LN*
SH 66
300
200
100
300
200
100
3300
5400
6100
3600
3200
1900
4200
6200
7500
1500
2400
2800
LYDIA LN*
PHYLLIS LN*
HIGH GLEN CIR*
MEADOW RIDGE CIR*
N
N.T.S.

* LOCATION SHOWN FOR REFERENCE ONLY

LEGEND
1000 - 2018 ADT
1000 - 2038 ADT
1000 - 2048 ADT

2018, 2038 AND 2048 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS AT SPECIFIED POINTS ALONG FM 552 FROM SH 205 TO SH 66 (ROCKWALL COUNTY) APPROVED BY TRANSPORTATION PLANNING AND PROGRAMMING DIVISION OCTOBER 13, 2017

MATCH LINE STA 199+00
CAMP CREEK TRIBUTARY 17
FM552-CENT-14
FM552-CENT-15
FM552-CENT-16
FM552-CENT-17
FM552-CENT-18
PROPOSED DRAINAGE EASEMENT
℄ FM 552
PROP ROW
EXIST ROW
EXIST EASEMENT
PROPOSED CULVERT 214
2-6'X4' MBC
℄ FM 552 STA 213+93.86
EXISTING DRAINAGE STRUCTURE TO BE REMOVED
2-6'X4' MBC
℄ FM 552 STA 213+94
℄ FM 552 STA 224+93.50
℄ LYDIA LN STA 7+00.00
BEGIN CONSTRUCTION
℄ LYDIA LN
STA 5+92.00
℄ LYDIA LN
LYDIA LN
℄ PHYLLIS LN
PHYLLIS LN
℄ FM 552 STA 232+88.72
℄ PHYLLIS LN STA 7+00.00
BEGIN CONSTRUCTION
℄ PHYLLIS LN
STA 5+21.88
R=30'
END CONSTRUCTION
℄ KING RD
STA 7+00.00
HIKE/ BIKE TRAIL
KING RD
℄ KING RD
℄ FM 552 STA 255+34.50
℄ KING RD STA 5+00.00
FUTURE DESIGN BY OTHERS BASED ON CITY OF FATE THOROUGHFARE PLAN
HIGH GLEN CIRCLE
℄ HIGH GLEN CIRCLE
℄ FM 552 STA 259+61.99
℄ HIGH GLEN CIRCLE STA 7+00.00
BEGIN CONSTRUCTION
℄ HIGH GLEN CIRCLE STA 5+40.82
MEADOW RIDGE CIRCLE
℄ FM 552 STA 268+25.41
℄ MEADOW RIDGE CIRCLE STA 7+00.00
℄ MEADOW RIDGE CIRCLE
BEGIN CONSTRUCTION
℄ MEADOW RIDGE CIRCLE
STA 6+00.00
END CONSTRUCTION
℄ DISMORE LN
STA 9+00.00
PROPOSED CULVERT 281
4'X3' SBC
℄ FM 552 STA 280+94.53
PROPOSED DRAINAGE EASEMENT
℄ FM 552 STA 279+55.82
℄ DISMORE LN STA 7+24.55
PROPOSED DRAINAGE EASEMENT
LTB-10
℄ DISMORE LN
DISMORE LN
BEGIN CONSTRUCTION
℄ DISMORE LN
STA 4+85.00
LAVON PUMP STATION
PROPOSED PUMP STATION
R=75'
RETAINING WALL
FAMILIAR IGLESIA DE DIOS
LAZY LN
LEISURE LN
SH 66
END PROJECT
℄ FM 552 STA 285+33.76
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54
104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133
200+00 205+00 210+00 215+00 220+00 225+00 230+00 235+00 240+00 245+00 250+00 255+00 260+00 265+00 270+00 275+00 280+00 285+00
N

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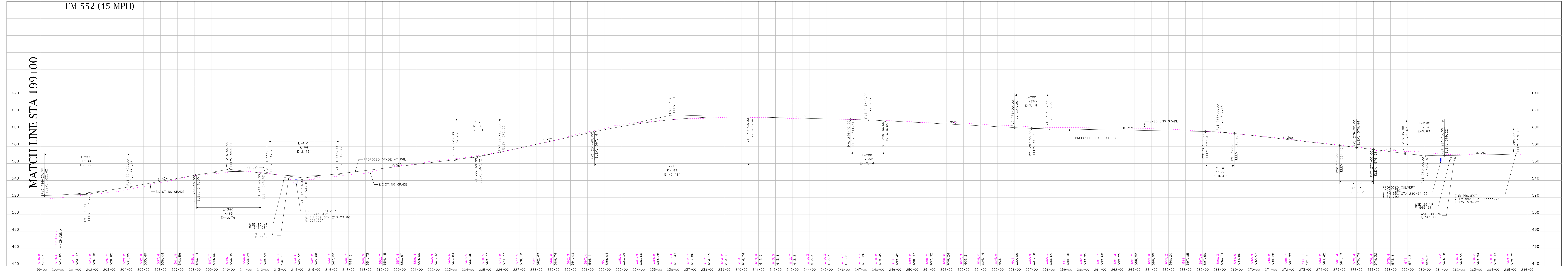
FM 552 (45 MPH)



NO.	PROPERTY ID	OWNER NAME
39	10893	CAMERON ELIZABETH
40	51577	CAMERON DON R & BECKY
41	11053	CAMERON RAYMOND B & ELIZABETH FAMILY TRUST
42	11054	CAMERON RAYMOND B & ELIZABETH FAMILY TRUST
43	26940	BRADEN THOMAS & CATHERINE
44	51662	MOST NOBLE HOUND LLC
45	11962	BRADEN THOMAS A AND MARY CATHERINE
46	91084	JORD REALTY LLC
47	11964	ELLEN ROBERTS FAMILY PROPERTIES LLC
48	18560	WATKINS JUSTIN AND ERIN
49	18561	SHANER PHILLIP E & COOKIE
50	18562	REIL JAMES P & MICHELE A
51	18569	HERNANDEZ CARLOS M & DINORA
52	18570	SAKOLEVIDIS OLAF & LINDA
53	55994	NELSON STEVEN E & SAMANTHA
54	55995	CANALES FRANCISCO R
104	10901	BJJ INVESTMENTS LTD & ETAL
105	27289	HOLEN MICHAEL J & CHRISTEN N JEBBIA
106	27278	NEELY KIMBERLY D
107	27277	TAMEZ ISMAEL JR ETUX
108	27267	ROWELL JERRY L AND LINDA T
109	11774	CONFIDENTIAL
110	32042	CONFIDENTIAL
111	11773	SUMMERS JACK ET UX
112	11770	WEIR JAMES R AND MI SUN
113	11775	PHELPS SHELLEY MORRISON
114	46755	WEISENBACH ROBERT & DANA
115	11776	TOWNE CHRISTOPHER
116	60734	PAWLIK JERZY & BARBARA
117	11771	HARLEY ELISA
118	58108	TEAL STEVE AND JODY LOUISE DAVIS
119	58118	HERNANDEZ ALBERT SEBASTIAN & STEPHANIE CAROL
120	58119	BRIGGS CAROL AND
121	58128	COMPTON DOUGLAS & THERESA
122	58129	ROSE CHARLES ALAN AND
123	58130	GENTRY CHARLES BLAKE
124	58131	GENTRY JOHNNY & JACKIE
125	30939	LAVON WATER SUPPLY CORP
126	10516	OLSEN SHARON REVOCABLE LIVING TRUST
127	10515	OLSEN SHARON REVOCABLE LIVING TRUST
128	10503	FAMILIAR IGLESIA DE DIOS CENTROL EVANGELISTICO
129	10502	LAMB MICHAEL STEVEN
130	27015	PORTER MARK AND
131	10517	PORTER MARK WAYNE
132	10501	CURANOVIC DRANNA
133	10514	MAINSALE HOMES INC

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
MOHAMED K. BUR, P.E. - DISTRICT ENGINEER
DESIGN SCHEMATIC
FM 552
ROCKWALL COUNTY
FROM NORTH GOLIAD ST. (SH 205) TO SH 66
CSJ : 1017-01-015
PROJECT LENGTH= 5.19 MILES
ROADWAY | DESIGN SPEED | CLASSIFICATION
FM 552/ JOHN KING BLVD | 45 MPH | URBAN PRINCIPAL ARTERIAL
FM 1141/ FM 3549 | 40 MPH | URBAN MAJOR COLLECTOR
PANHANDLE DR | 35 MPH | URBAN MAJOR COLLECTOR
STONE CREEK DR/ BREEZY HILL LN/ ANNA CADE RD | 30 MPH | URBAN MINOR COLLECTOR
LOCAL STREETS | 30 MPH | URBAN LOCAL
BEGIN PROJECT
BEGIN CSJ 1017-01-015
STA 11+41.00
END PROJECT
END CSJ 1017-01-015
STA 285+43.76
ROCKWALL COUNTY
NOT TO SCALE
DALLAS DISTRICT
NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.
SCHEMATIC PREPARED BY:
HNTB CORPORATION
REGISTRATION NUMBER 420
FOR INTERIM REVIEW ONLY
NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.
PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
RUSSELL K. OZMER 91108
NAME P.E. #
JULY 27, 2018
JULY 27, 2018
ROLL 3 OF 4
Texas Department of Transportation
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HNTB Corporation
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Engineers Architects Planners
TBPE Firm Registration No. 420

TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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

FM 552
ROCKWALL COUNTY

FROM NORTH GOLIAD ST. (SH 205) TO SH 66
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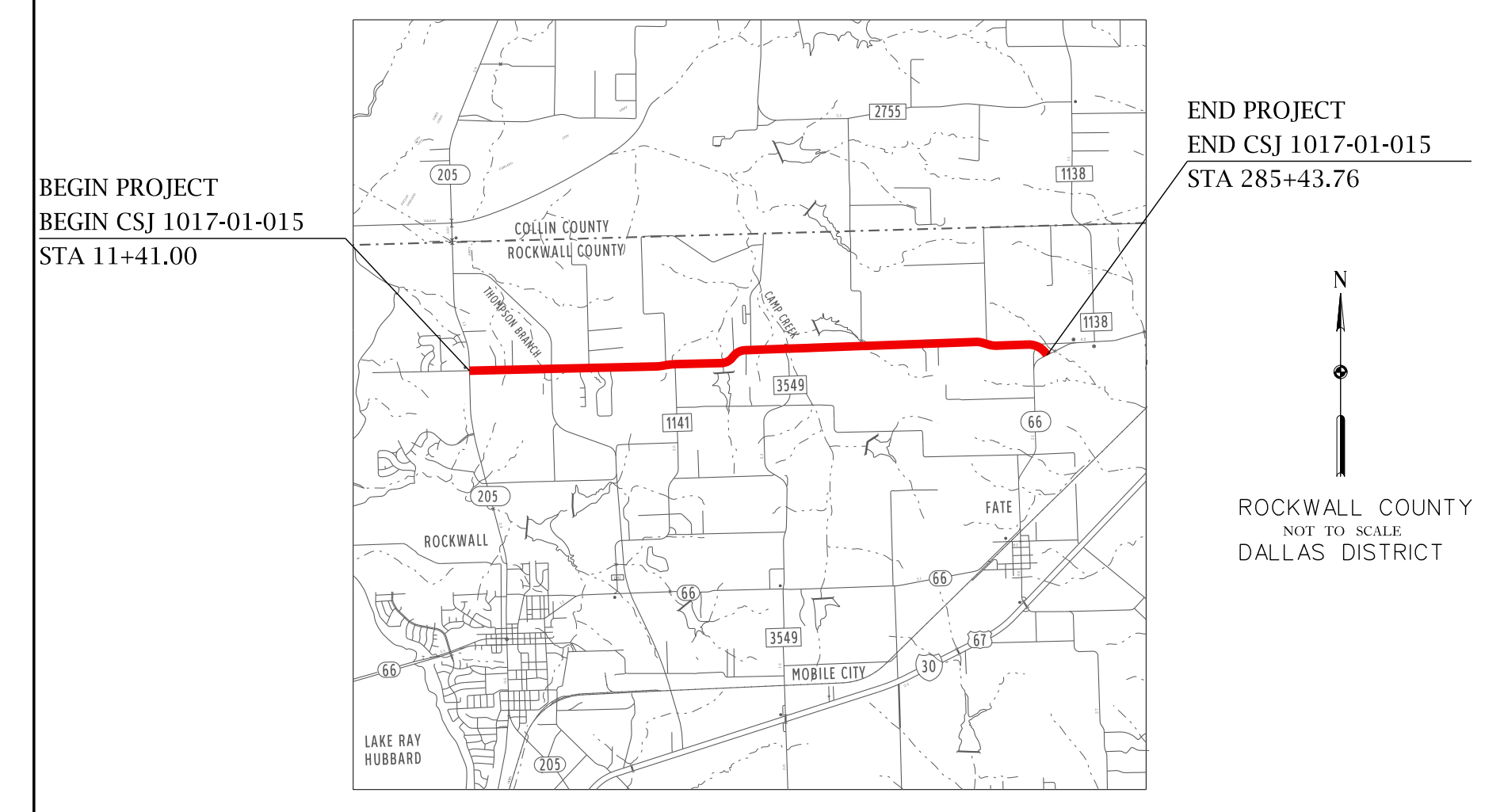
PANHANDLE DR	35 MPH	URBAN MAJOR COLLECTOR
STONE CREEK DR/ BREEZY HILL LN/ ANNA CADE RD	30 MPH	URBAN MINOR COLLECTOR
LOCAL STREETS	30 MPH	URBAN LOCAL


BEGIN PROJECT
BEGIN CSJ 1017-01-015
STA 11+41.00
END PROJECT
END CSJ 1017-01-015
STA 285+43.76
COLLIN COUNTY
ROCKWALL COUNTY
2755
205
1138
3549
1141
66
FATE
ROCKWALL
MOBILE CITY
LAKE RAY HUBBARD
N
ROCKWALL COUNTY
NOT TO SCALE
DALLAS DISTRICT

0 100 200
HORIZONTAL
0 20 40
VERTICAL
SCALE IN FEET

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

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ROLL 4 OF 4

Texas Department of Transportation

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TBPE Firm Registration No. 420

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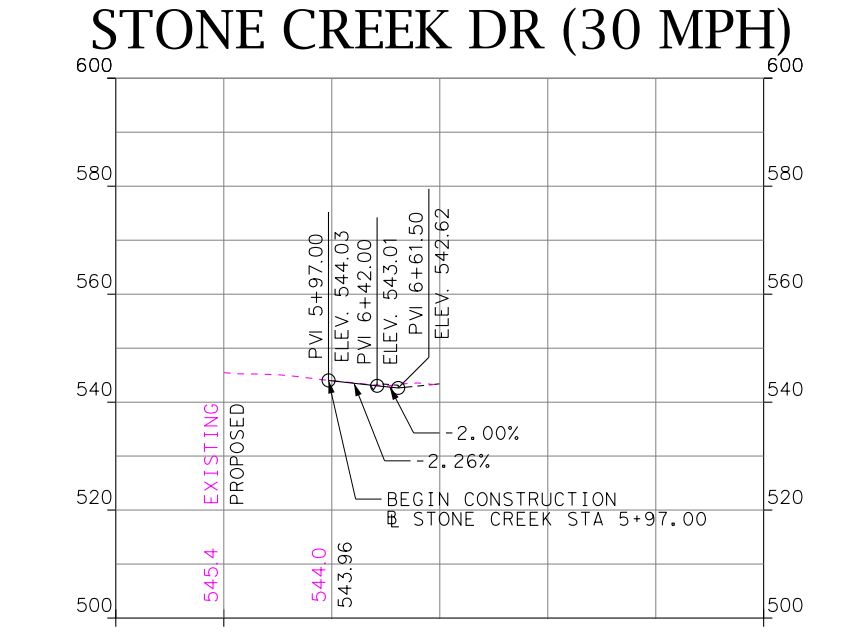
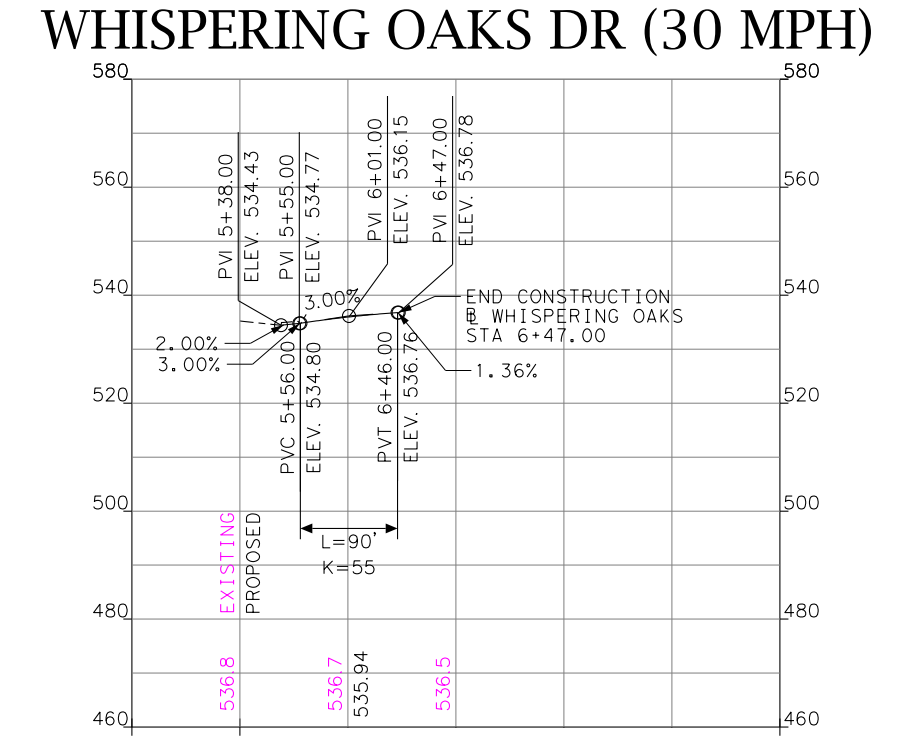
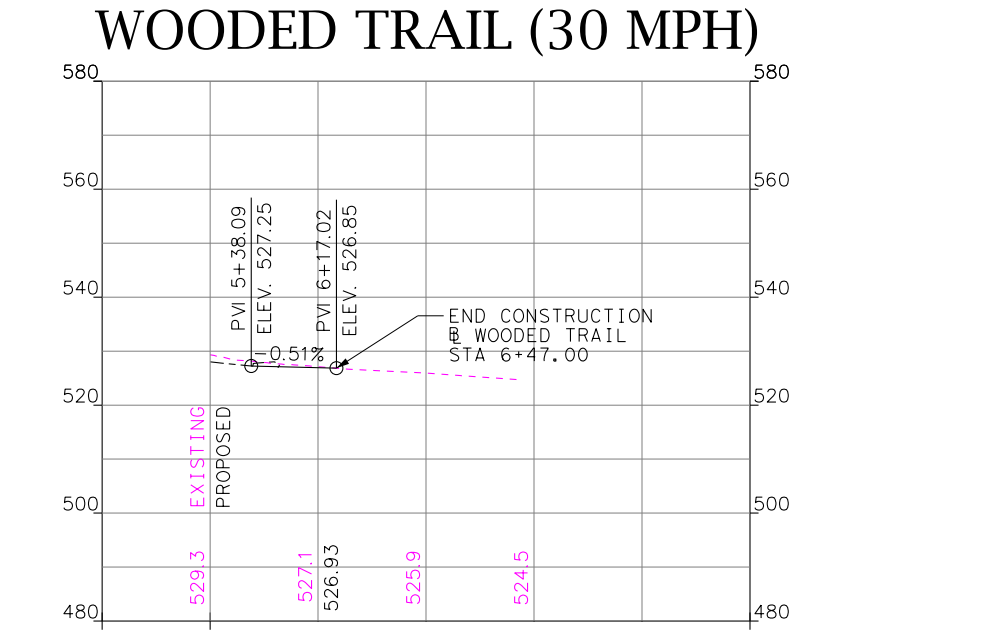
STONE CREEK DR (30 MPH)



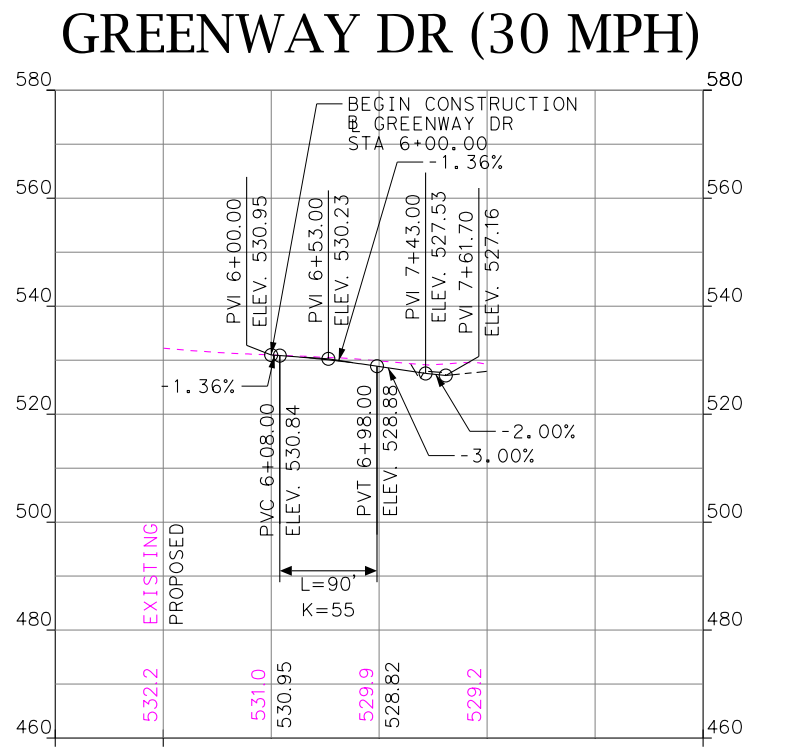
WHISPERING OAKS DR (30 MPH)



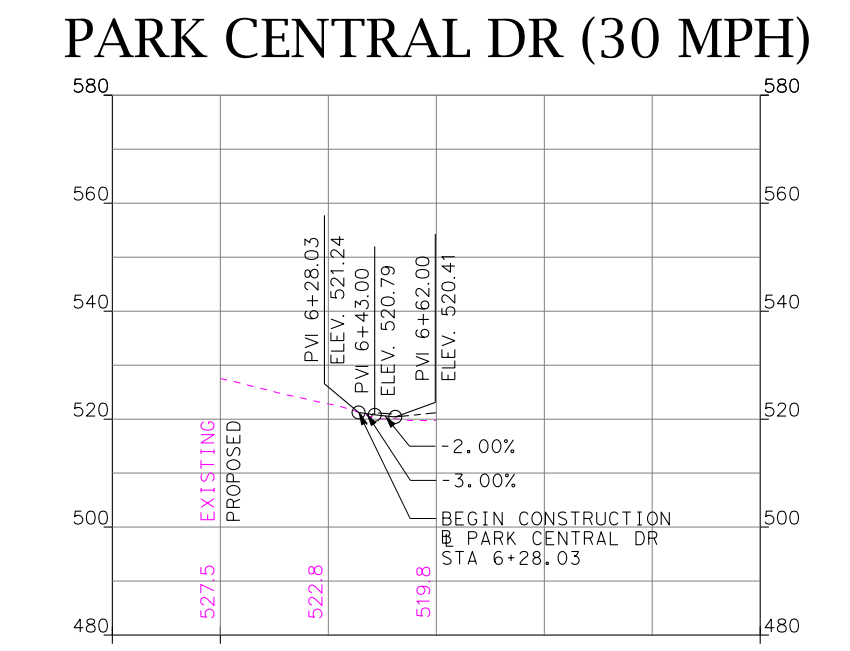
WOODED TRAIL (30 MPH)



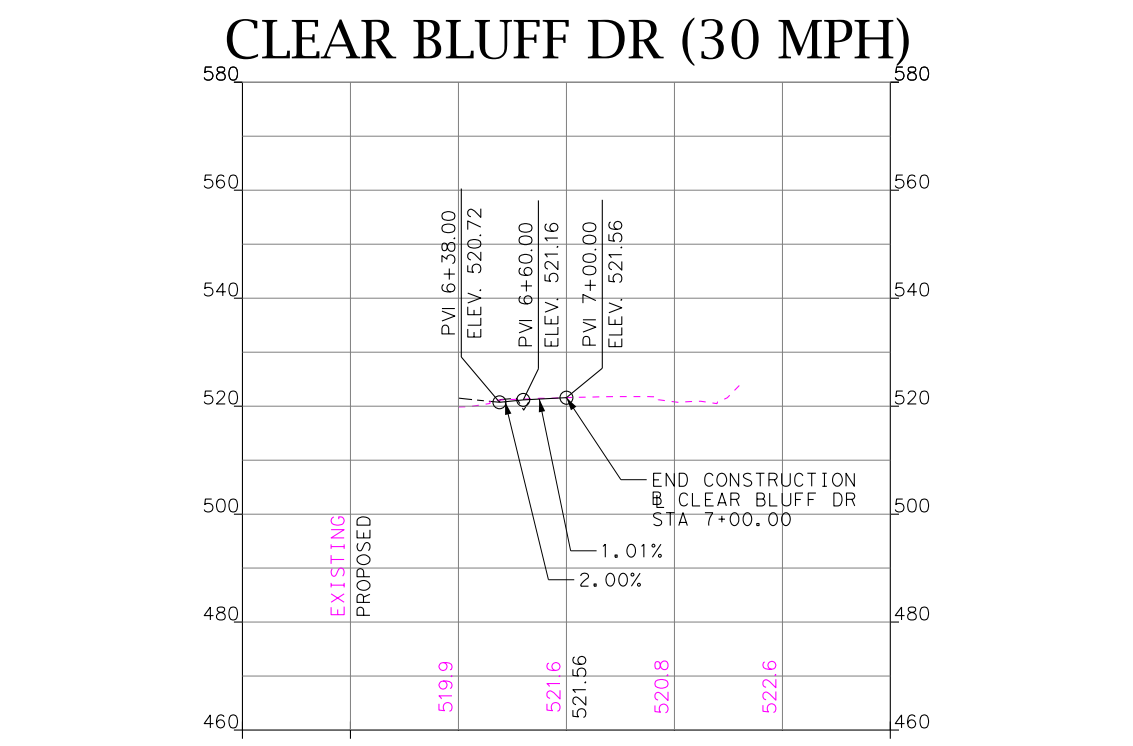
GREENWAY DR (30 MPH)



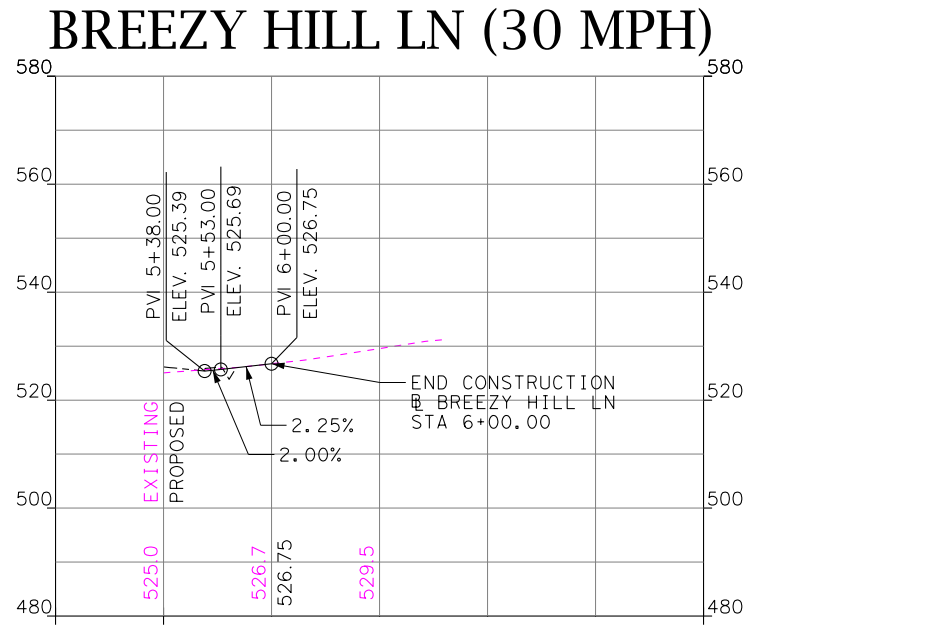
PARK CENTRAL DR (30 MPH)



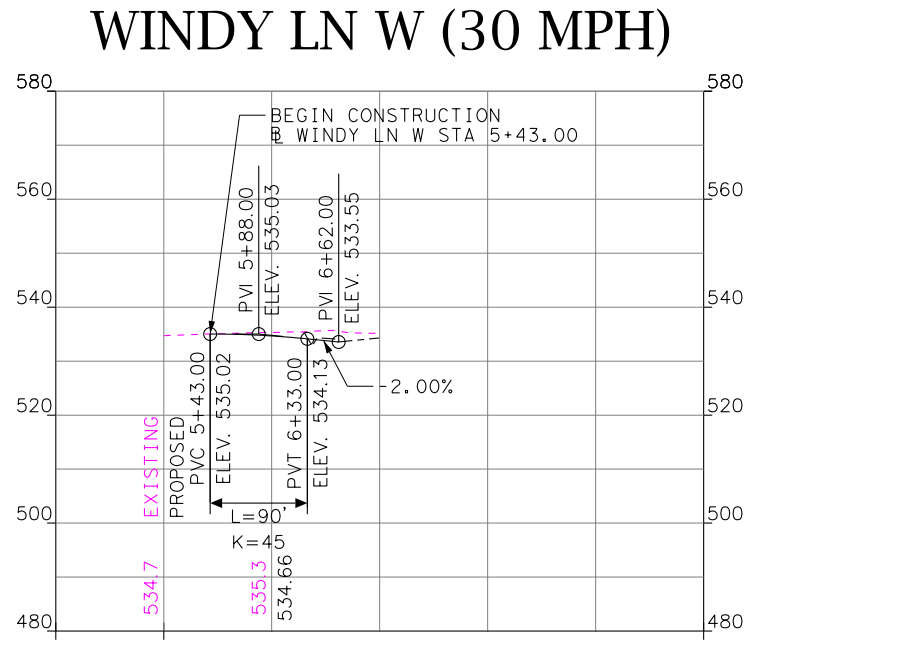
CLEAR BLUFF DR (30 MPH)



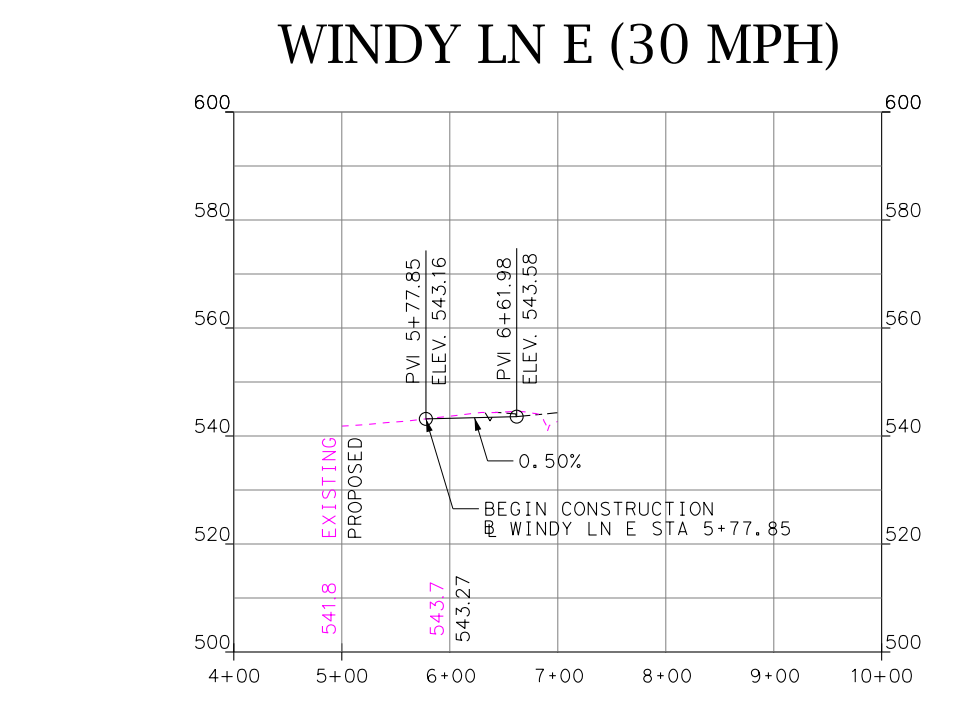
BREEZY HILL LN (30 MPH)



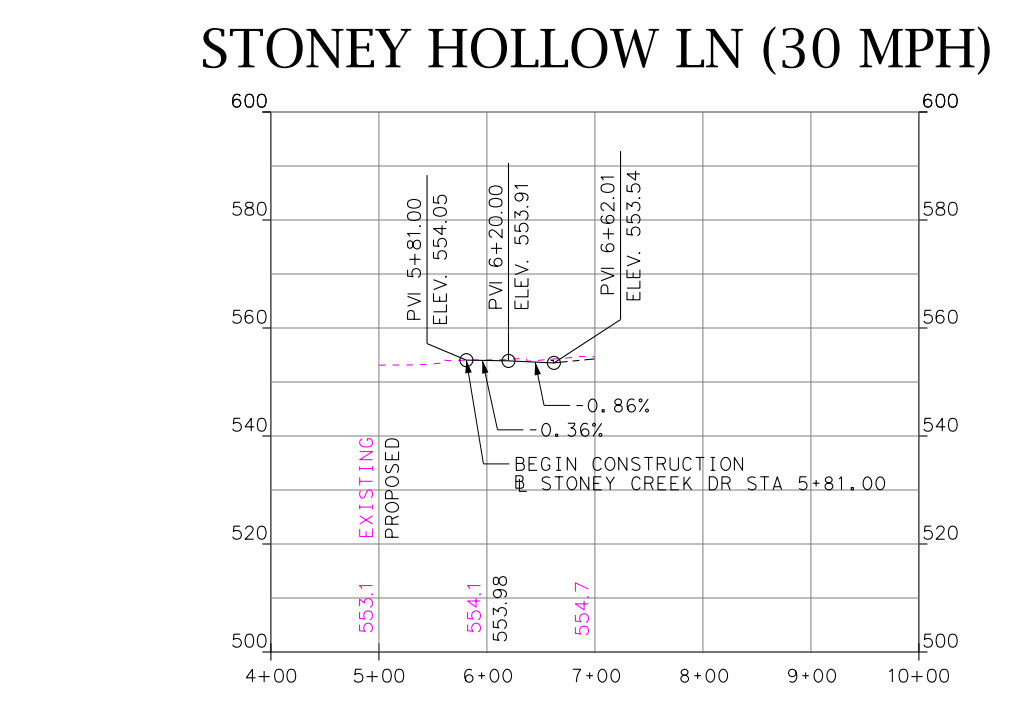
WINDY LN W (30 MPH)



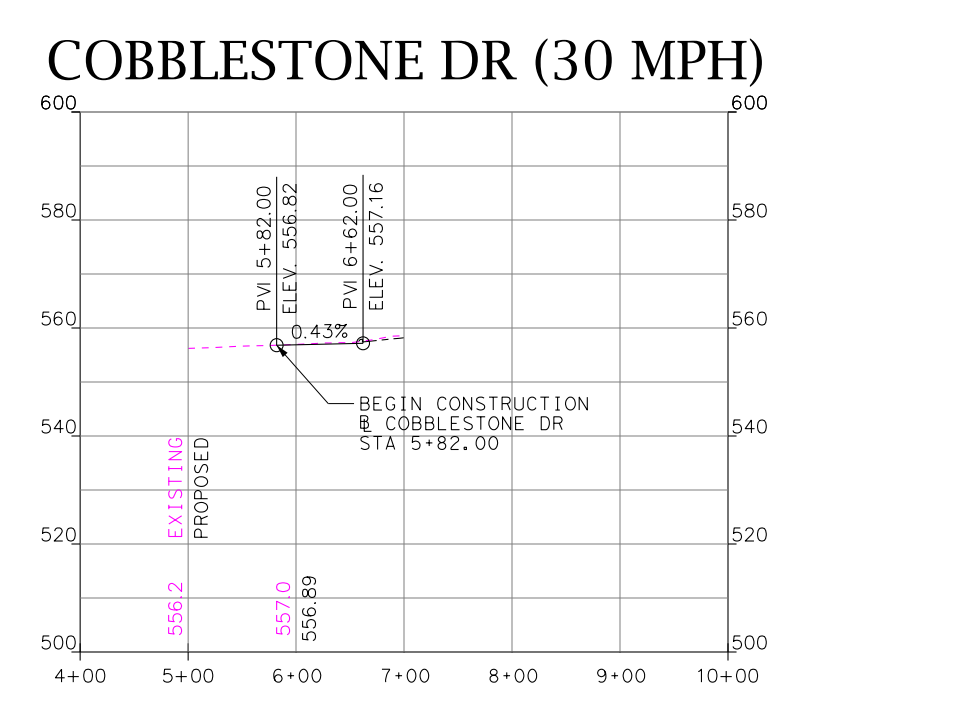
WINDY LN E (30 MPH)



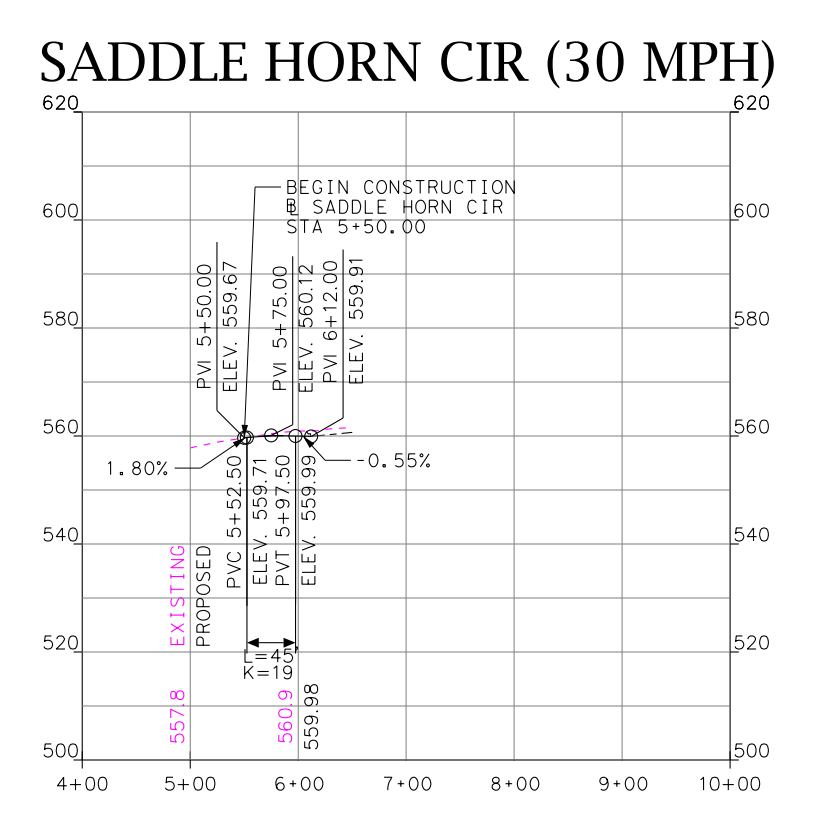
STONEY HOLLOW LN (30 MPH)



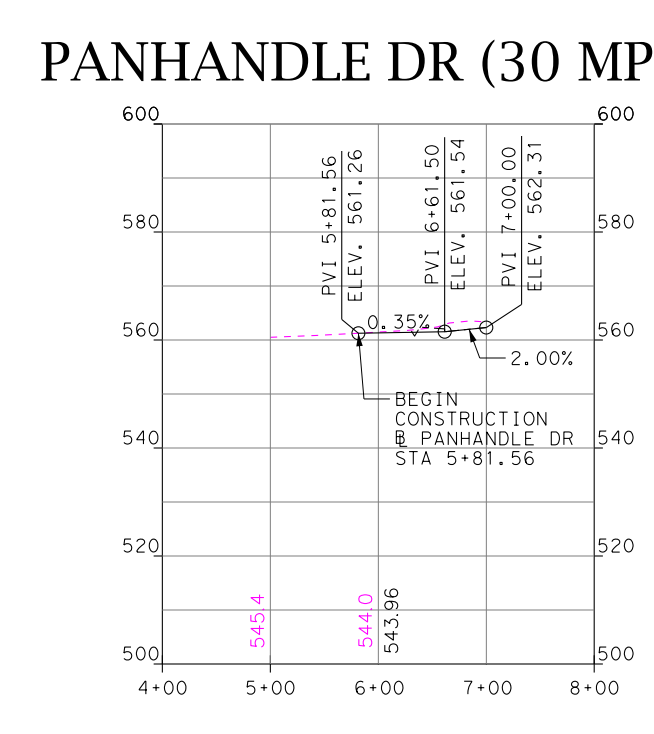
COBBLESTONE DR (30 MPH)



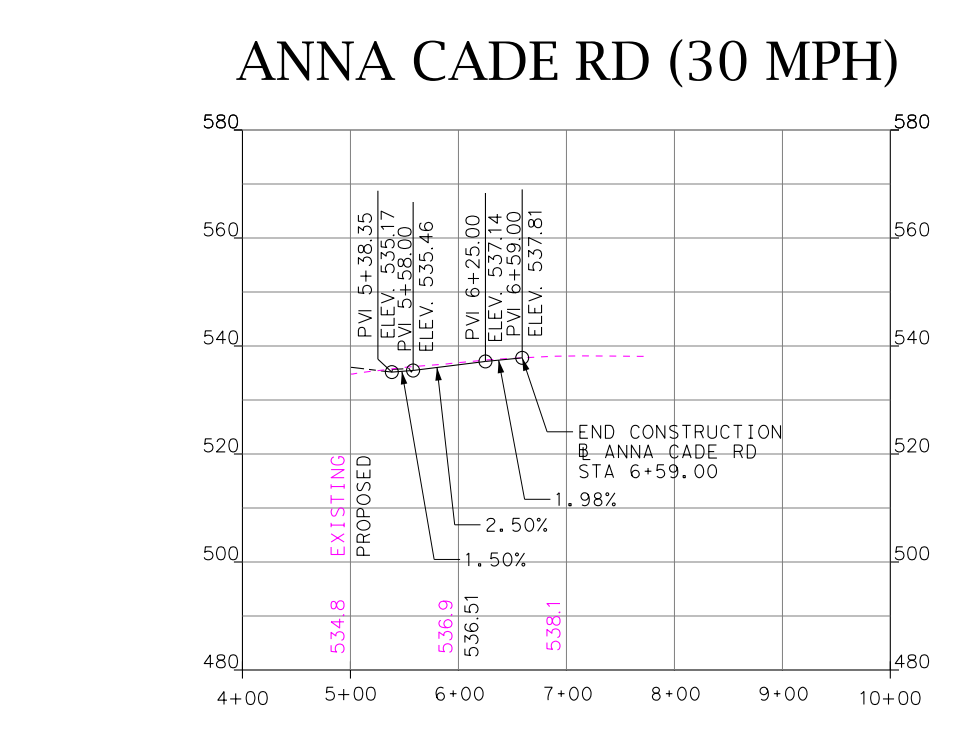
SADDLE HORN CIR (30 MPH)



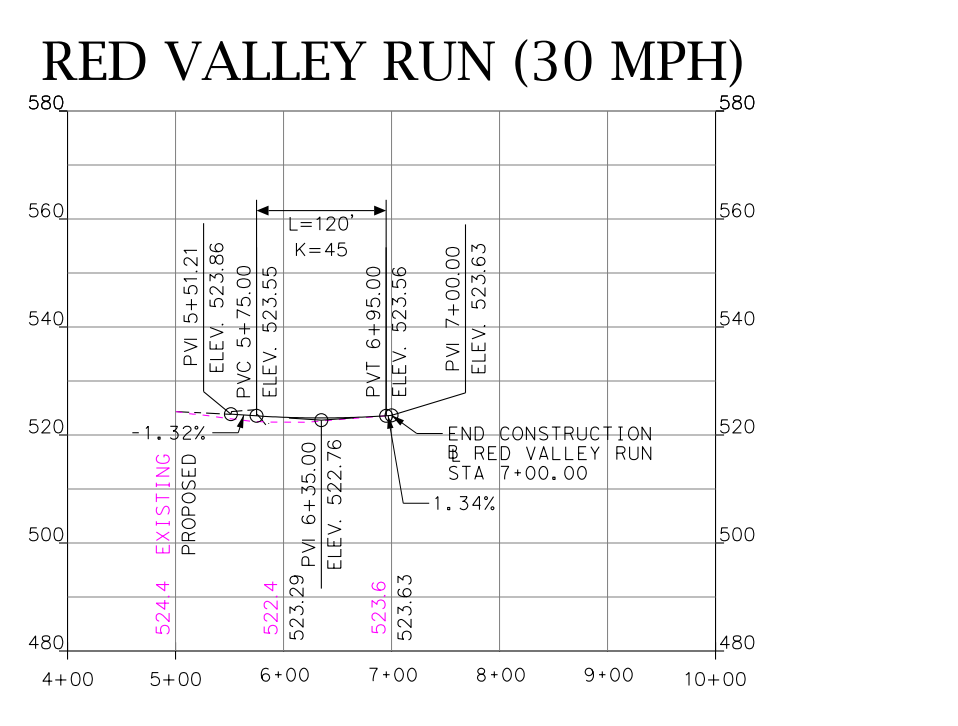
PANHANDLE DR (30 MPH)



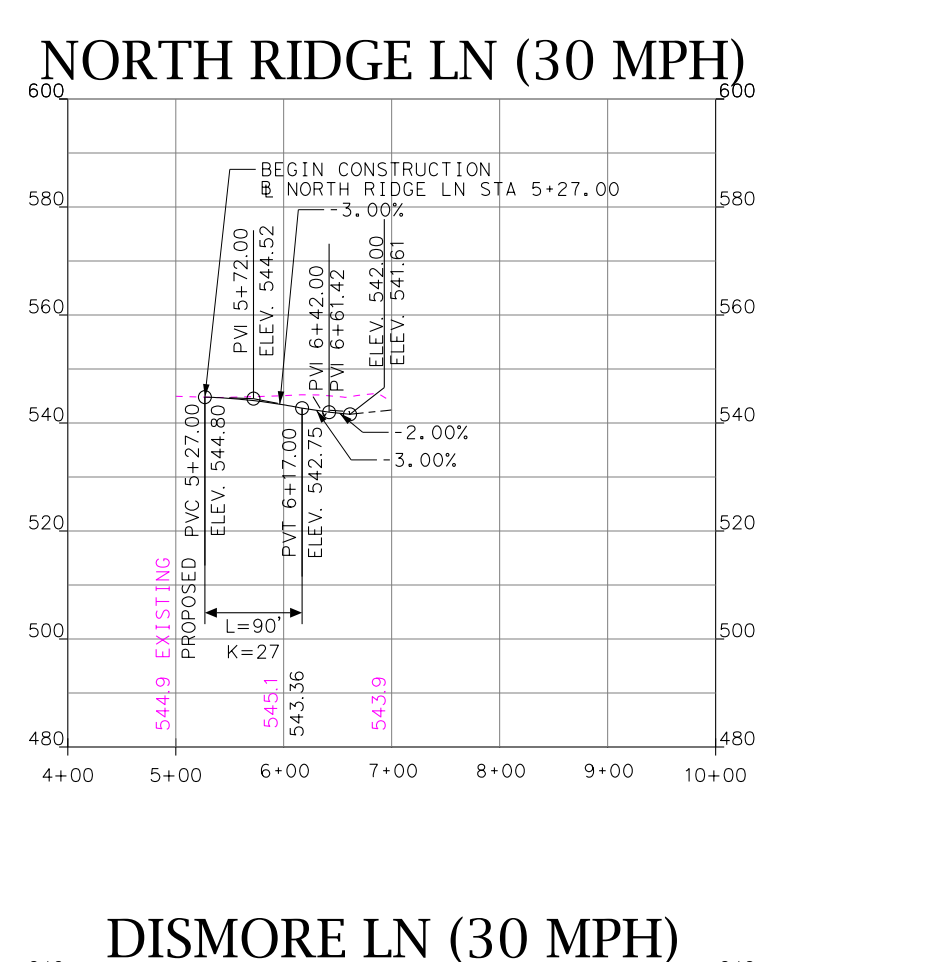
ANNA CADE RD (30 MPH)



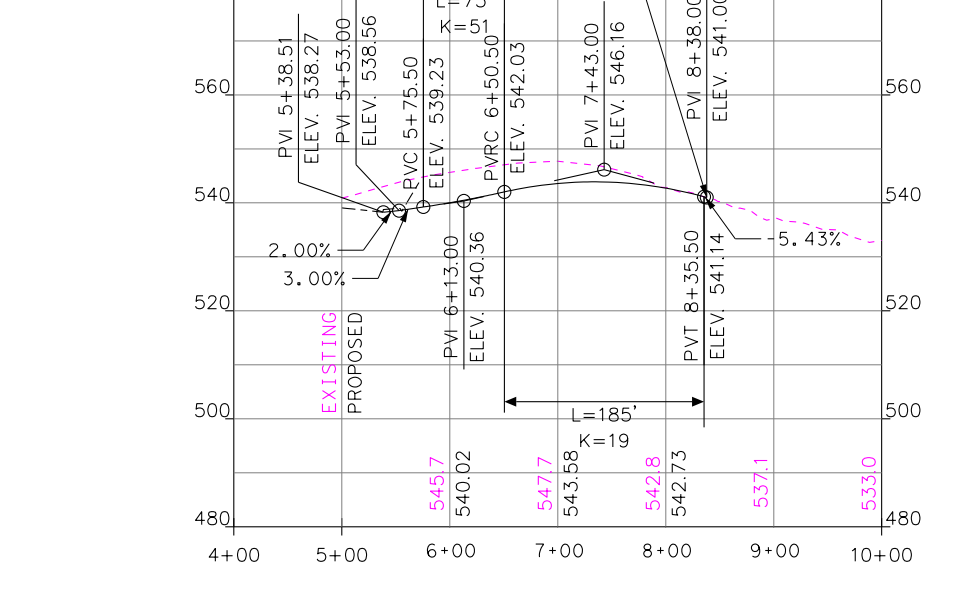
RED VALLEY RUN (30 MPH)



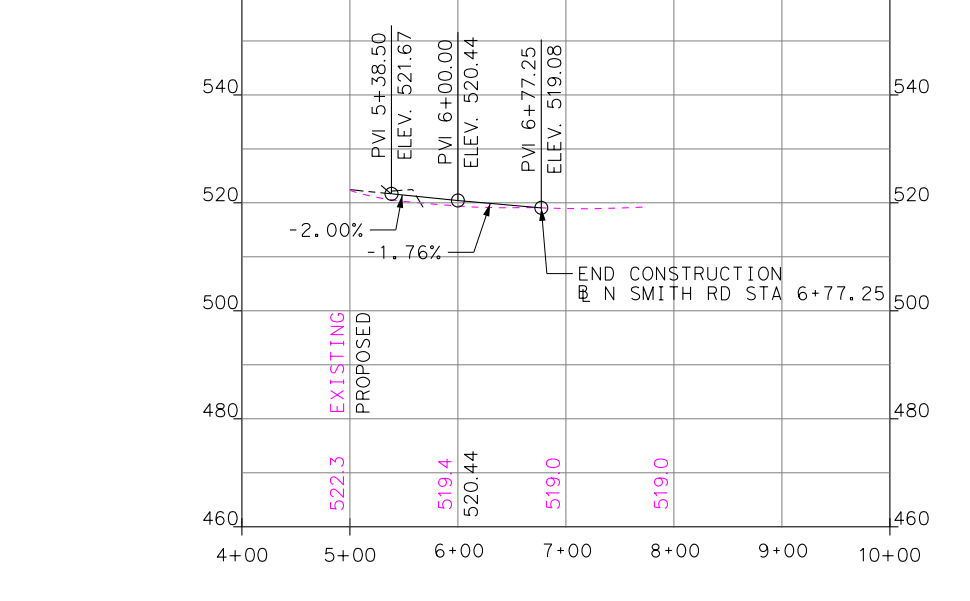
NORTH RIDGE LN (30 MPH)



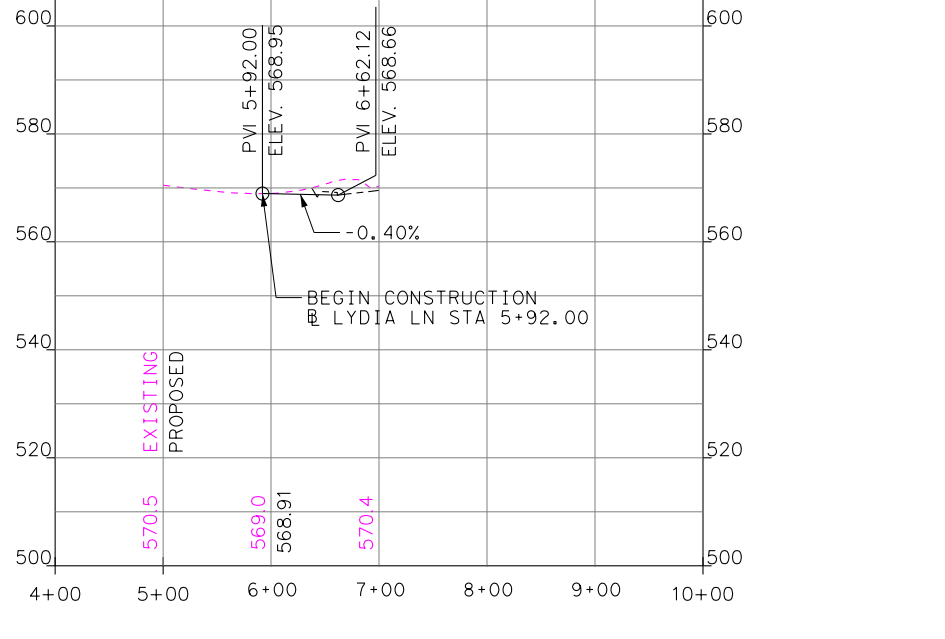
OLD MILLWOOD RD (30 MPH)



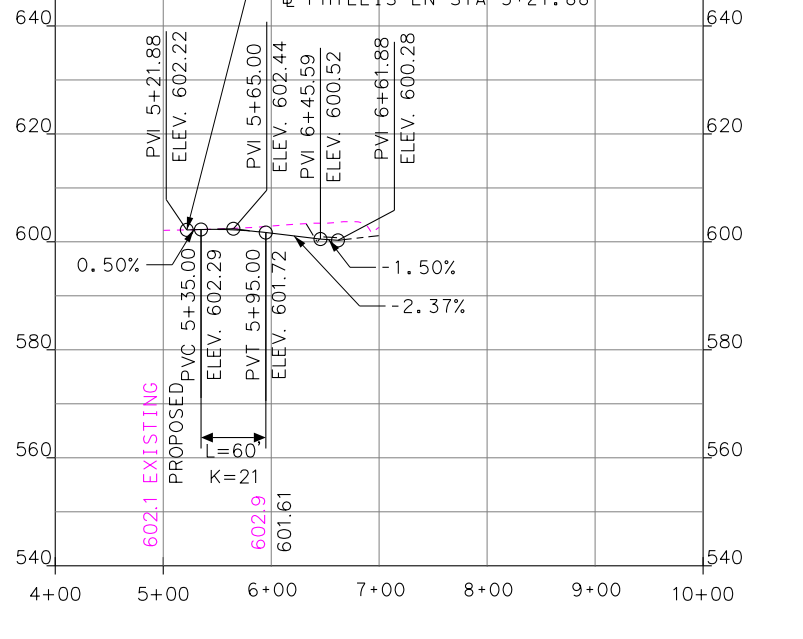
N SMITH RD (30 MPH)



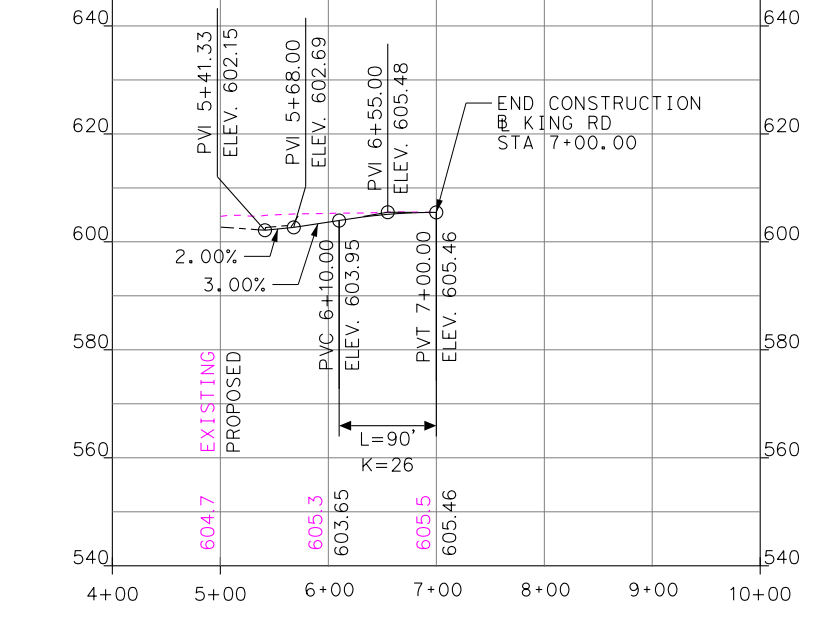
LYDIA LN (30 MPH)



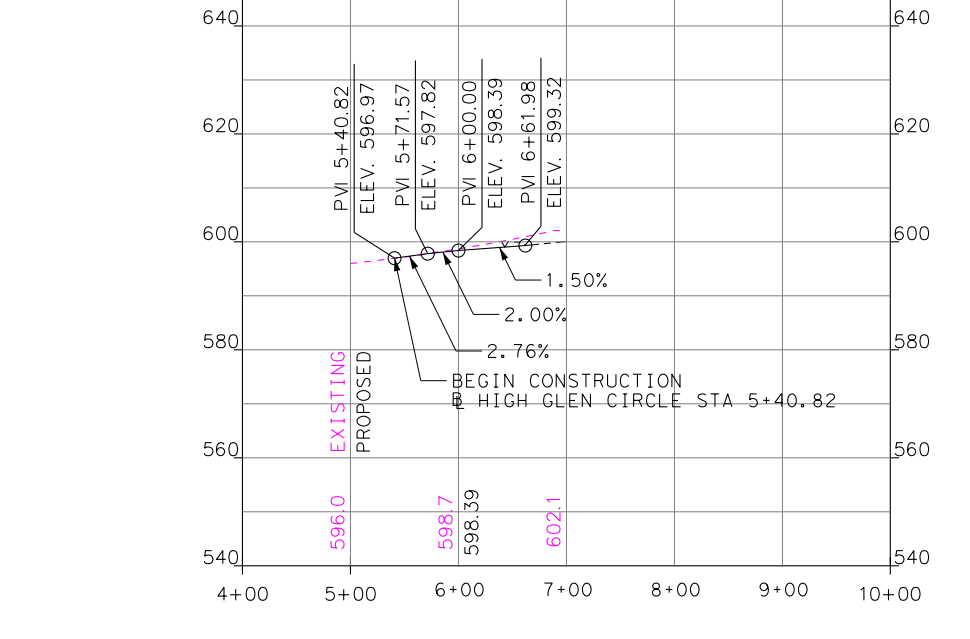
PHYLLIS LN (30 MPH)



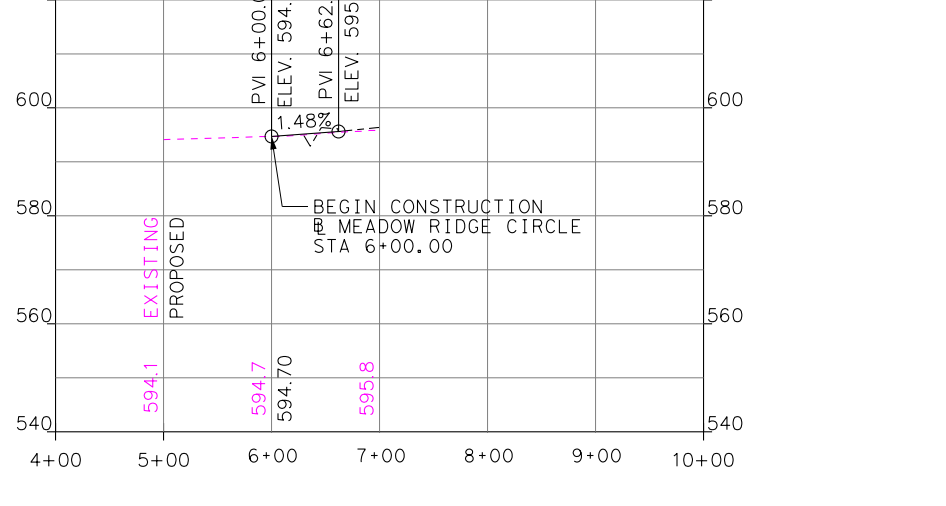
KING RD (30 MPH)



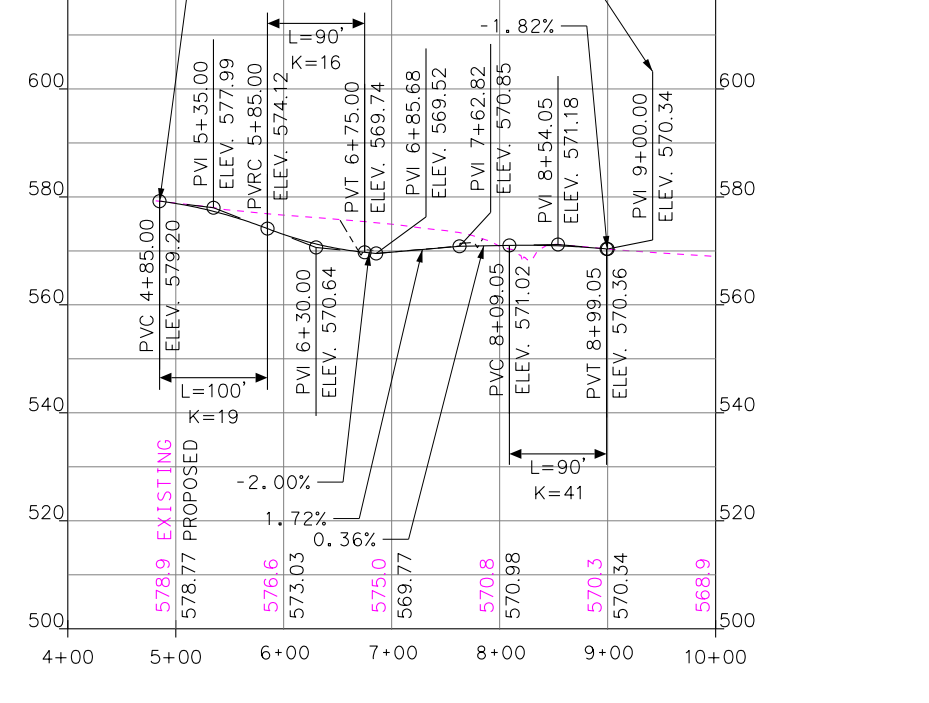
HIGH GLEN CIRCLE (30 MPH)



MEADOW RIDGE CIRCLE (30 MPH)



DISMORE LN (30 MPH)



TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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

FM 552
ROCKWALL COUNTY

FROM NORTH GOLIAD ST. (SH 205) TO SH 66
CSJ : 1017-01-015
PROJECT LENGTH= 5.19 MILES

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FM 552/ JOHN KING BLVD	45 MPH	URBAN PRINCIPAL ARTERIAL
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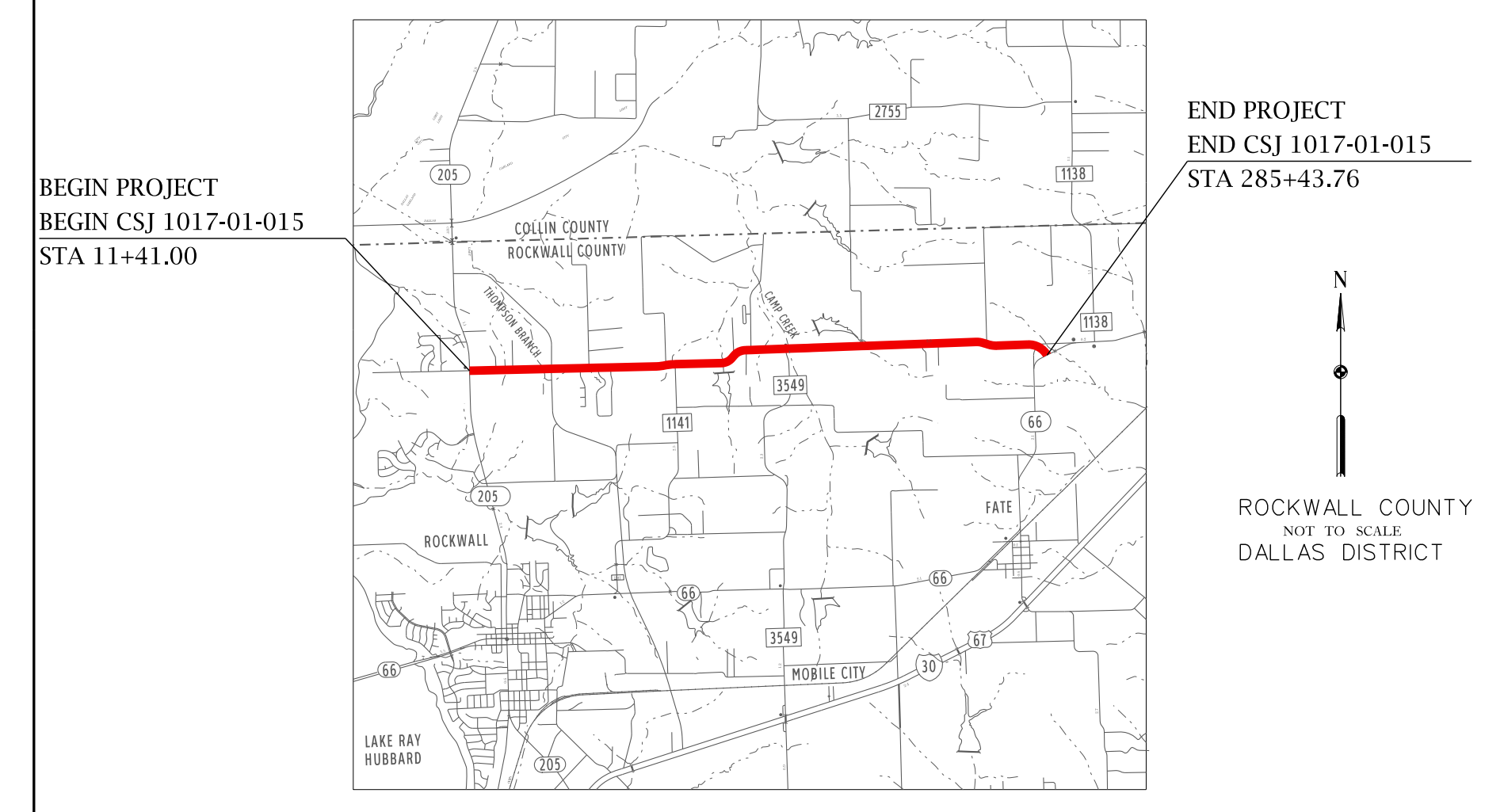
PANHANDLE DR	35 MPH	URBAN MAJOR COLLECTOR
STONE CREEK DR/ BREEZY HILL LN/ ANNA CADE RD	30 MPH	URBAN MINOR COLLECTOR
LOCAL STREETS	30 MPH	URBAN LOCAL


BEGIN PROJECT
BEGIN CSJ 1017-01-015
STA 11+41.00
END PROJECT
END CSJ 1017-01-015
STA 285+43.76
COLLIN COUNTY
ROCKWALL COUNTY
N
ROCKWALL COUNTY
NOT TO SCALE
DALLAS DISTRICT

0 100 200
HORIZONTAL
0 20 40
VERTICAL
SCALE IN FEET

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ROLL 4 OF 4

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