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PARIS DISTRICT
NOEL PARAMANATHAM, P.E. - DISTRICT ENGINEER

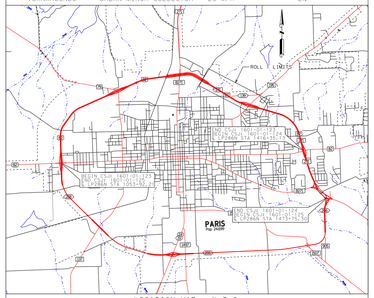
95% INTERIM DESIGN SCHEMATIC
LOOP 286
NORTHEAST PROJECT
CSJ: 1690-01-123

NET LENGTH OF PROJECT: 12,571 FEET + 2.38 MILES
ROADWAY 12,091 FEET + 2.29 MILES
BRIDGE 480 FEET + 0.09 MILES

TRAFFIC DATA

	US271N TO US82E
2018 ADT	30,000
2038 ADT	36,500

ROADWAY	FUNCTIONAL CLASS.	DESIGN SPEED	eMAX
LOOP 286	URBAN FREEWAY	50 MPH	6%
RAMPS	RAMPS	40 MPH	6%
FRONTAGE ROAD	URBAN COLLECTOR	40 MPH	2%
CROSS STREETS	URBAN MINOR ARTERIAL	30 MPH	2%
	URBAN COLLECTOR	30 MPH	2%
TURNAROUNDS	URBAN MINOR COLLECTOR	25 MPH	2%



LOCATION MAP : N.T.S.

DESIGN STANDARDS USED

TXDOT ROADWAY DESIGN MANUAL; 2020
AASHTO POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS; 2018
TXDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES; 2014
TRB HIGHWAY CAPACITY MANUAL; 2016
TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD); 2011
TXDOT ACCESS MANAGEMENT MANUAL; 2013
TXDOT HYDRAULIC DESIGN MANUAL; 2019

GENERAL NOTES

1. COORDINATES SHOWN ARE SURFACE VALUES IN U.S. SURVEY FEET BASED UPON THE TEXAS STATE PLANE NAD-83 COORDINATE SYSTEM IN THE NORTH CENTRAL ZONE (4202) WITH A SURFACE ADJUSTMENT FACTOR OF 1.00012.
2. SEE ENGINEERING REPORT FOR UTILITY CONFLICT INFORMATION.
3. ADA RAMPS ARE NOT DEPICTED ON THE PLAN.
4. ACCESS DENIAL LIMITS ARE DETERMINED BY PROVIDING SAFETY TO THE TRAVELING PUBLIC, MAINTAINING LEVEL OF SERVICE ON THE FRONTAGE ROADS AND MAINTAINING SAFE ACCESS TO ADJACENT PROPERTY OWNERS.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED ON FEMA FLOOD INSURANCE RATE MAPS.
6. PROPOSED CULVERT SIZES SHOWN IN SCHEMATIC ARE SIZED BASED ON PRELIMINARY DRAINAGE ANALYSIS OF DRAINAGE AREAS. FOR OTHER DRAINAGE NOTES SEE INDIVIDUAL SHEETS.
7. MAINLANE PROFILE MAXIMUM GRADE LIMITED TO 5.0% AS USED ON RECENT PROJECTS UNLESS WHEN NECCESSARY TO TIE IN TO EXISTING GRADES.
8. SCHEMATIC INTERSECTION LAYOUTS FOLLOW 2018 ROM CRITERIA, PS&E PLANS WILL FOLLOW REVISED 2020 CRITERA FOR RIGHT TURN SLIP LANES

SCHEMATIC PREPARED BY:
BURNS & MCDONNELL
FIRM REGISTRATION NUMBER F-845

JOSHUA RYAN ROBERTSON 115996
NAME P.E. NUMBER
8/22/2023
DATE

PRELIMINARY

NOT INTENDED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES AND SUBJECT TO CHANGE BASED ON PROGRESS OF DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.

AUGUST 2023

BURNS McDONNELL
NORTH GALLERIA TOWER 1
13737 NOEL RD.
SUITE 700
DALLAS, TX. 75240

ROLL 1 OF 2

HORZ SCALE 0 50 100 200
VERT SCALE 0 5 10 20

LEGEND:

- PROPOSED CENTERLINE/BASELINE
- PROPOSED ROW
- EXISTING ROW
- TEMPORARY CONSTRUCTION EASEMENT
- DRAINAGE EASEMENT
- PARCEL LINE
- EDGE OF PAVEMENT (EOP)/CURB & GUTTER
- EDGE OF TRAVEL (EOT)
- PAVEMENT STRIPING
- PAVEMENT DASHED STRIPING
- DOUBLE YELLOW PAVEMENT STRIPING
- SOLID WHITE PAVEMENT STRIPING
- PROPOSED TRAFFIC ARROW
- EXISTING TRAFFIC ARROW
- PROPOSED CONTROL OF ACCESS
- DIRECT DISPLACEMENT
- INDUCED DISPLACEMENT
- PROPOSED BRIDGE LIMITS
- EXISTING BRIDGE LIMITS
- PAVEMENT REMOVAL
- PROPOSED MAINLANE AND RAMPS
- PROPOSED FRONTAGE ROAD/CROSS STREET
- PROPOSED RAMP
- PROPOSED DRIVEWAY
- PROPOSED SHARED USE PATH OR SIDEWALK
- PROPOSED RETAINING WALL
- BRIDGE BENTS
- FEMA FLOOD AE
- FEMA FLOODWAY
- FEMA FLOOD A
- DRAINAGE FLOW LINE
- EXISTING CULVERT
- PROPOSED BOX CULVERT
- PROPOSED PIPE CULVERT
- CULVERT FLOW
- PROPOSED OVERHEAD SIGN
- PEDESTRIAN HANDRAIL

ABANDONED UTILITY
AERIAL UTILITIES
AT&T(TELE)
AT&T (FO/DUCT)
PEOPLES (FO/DUCT)
SUDDENLINK (FO/DUCT)
SUDDENLINK (CABLE)
ELECTRIC / POWER
TXDOT
TXDOT
GAS / PETROLEUM
ATMOS
ATMOS
VEHICLE PRODUCING
SANITARY SEWER
CITY OF PARIS
CITY OF PARIS
CITY OF PARIS
TRAFFIC SIGNALS
CITY OF PARIS
UTILITY SYMBOLS
END CAP
UTILITY CONTINUATION

CURVE DATA												
CURVE NAME	CURVE NO	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	CHORD BEARING	CHORD DISTANCE	PI STA	BC STA	EC STA
FR_CURVE_01	1	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	14+00.00	7+99.68	15+28.00
FR_CURVE_02	2	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	16+00.00	15+28.00	22+56.32
FR_CURVE_03	3	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	18+00.00	22+56.32	29+84.64
FR_CURVE_04	4	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	20+00.00	29+84.64	37+12.96
FR_CURVE_05	5	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	22+00.00	37+12.96	44+41.28
FR_CURVE_06	6	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	24+00.00	44+41.28	51+69.60
FR_CURVE_07	7	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	26+00.00	51+69.60	58+97.92
FR_CURVE_08	8	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	28+00.00	58+97.92	66+26.24
FR_CURVE_09	9	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	30+00.00	66+26.24	73+54.56
FR_CURVE_10	10	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	32+00.00	73+54.56	80+82.88
FR_CURVE_11	11	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	34+00.00	80+82.88	88+11.20
FR_CURVE_12	12	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	36+00.00	88+11.20	95+39.52
FR_CURVE_13	13	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	38+00.00	95+39.52	102+67.84
FR_CURVE_14	14	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	40+00.00	102+67.84	109+96.16
FR_CURVE_15	15	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	42+00.00	109+96.16	117+24.48
FR_CURVE_16	16	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	44+00.00	117+24.48	124+52.80
FR_CURVE_17	17	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	46+00.00	124+52.80	131+81.12
FR_CURVE_18	18	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	48+00.00	131+81.12	139+09.44
FR_CURVE_19	19	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	50+00.00	139+09.44	146+37.76
FR_CURVE_20	20	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	52+00.00	146+37.76	153+66.08
FR_CURVE_21	21	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	54+00.00	153+66.08	160+94.40
FR_CURVE_22	22	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	56+00.00	160+94.40	168+22.72
FR_CURVE_23	23	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	58+00.00	168+22.72	175+51.04
FR_CURVE_24	24	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	60+00.00	175+51.04	182+79.36
FR_CURVE_25	25	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	62+00.00	182+79.36	190+07.68
FR_CURVE_26	26	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	64+00.00	190+07.68	197+36.00

CURVE DATA												
CURVE NAME	CURVE NO	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	CHORD BEARING	CHORD DISTANCE	PI STA	BC STA	EC STA
EX_CURVE_01	27	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	66+00.00	197+36.00	204+64.32
EX_CURVE_02	28	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	68+00.00	204+64.32	211+92.64
EX_CURVE_03	29	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	70+00.00	211+92.64	219+20.96
EX_CURVE_04	30	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	72+00.00	219+20.96	226+49.28
EX_CURVE_05	31	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	74+00.00	226+49.28	233+77.60
EX_CURVE_06	32	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	76+00.00	233+77.60	241+05.92
EX_CURVE_07	33	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	78+00.00	241+05.92	248+34.24
EX_CURVE_08	34	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	80+00.00	248+34.24	255+62.56
EX_CURVE_09	35	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	82+00.00	255+62.56	262+90.88
EX_CURVE_10	36	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	84+00.00	262+90.88	270+19.20
EX_CURVE_11	37	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	86+00.00	270+19.20	277+47.52
EX_CURVE_12	38	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	88+00.00	277+47.52	284+75.84
EX_CURVE_13	39	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	90+00.00	284+75.84	292+04.16
EX_CURVE_14	40	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	92+00.00	292+04.16	299+32.48
EX_CURVE_15	41	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	94+00.00	299+32.48	306+60.80
EX_CURVE_16	42	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	96+00.00	306+60.80	313+89.12
EX_CURVE_17	43	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	98+00.00	313+89.12	321+17.44
EX_CURVE_18	44	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	100+00.00	321+17.44	328+45.76
EX_CURVE_19	45	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	102+00.00	328+45.76	335+74.08
EX_CURVE_20	46	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	104+00.00	335+74.08	343+02.40
EX_CURVE_21	47	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	106+00.00	343+02.40	350+30.72
EX_CURVE_22	48	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	108+00.00	350+30.72	357+59.04
EX_CURVE_23	49	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	110+00.00	357+59.04	364+87.36
EX_CURVE_24	50	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	112+00.00	364+87.36	372+15.68
EX_CURVE_25	51	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	114+00.00	372+15.68	379+44.00
EX_CURVE_26	52	90°00'00" (LT)	14°19'43" (LT)	400.00'	628.32'	400.00'	N 45°00'00" W	565.69'	116+00.00	379+44.00	386+72.32

CURVE #	CURVE NAME	COMMENTS
1	Ruth FRWY EX	EX Ruth Bldg Bldg Bldg Bldg Bldg
2	Ruth FRWY EX	EX Ruth Bldg Bldg Bldg Bldg Bldg
3	Ruth FRWY EX	EX Ruth Bldg Bldg Bldg Bldg Bldg
4	Ruth FRWY EX	EX Ruth Bldg Bldg Bldg Bldg Bldg
5	CMBB Lock Pow FC ADJ	Adj CMBB Bldg Bldg Bldg Bldg Bldg
6	Ruth FRWY EX	EX Ruth Bldg Bldg Bldg Bldg Bldg
7	Ruth FRWY EX	EX Ruth Bldg Bldg Bldg Bldg Bldg
8	Ruth FRWY EX	EX Ruth Bldg Bldg Bldg Bldg Bldg
9	Ruth, and Lamar MERGE	EX Ruth, EX Ruth, EX Ruth, EX Ruth
10	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
11	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
12	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
13	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
14	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
15	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
16	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
17	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
18	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
19	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
20	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
21	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
22	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
23	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
24	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
25	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
26	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
27	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
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31	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
32	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
33	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
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35	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
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43	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
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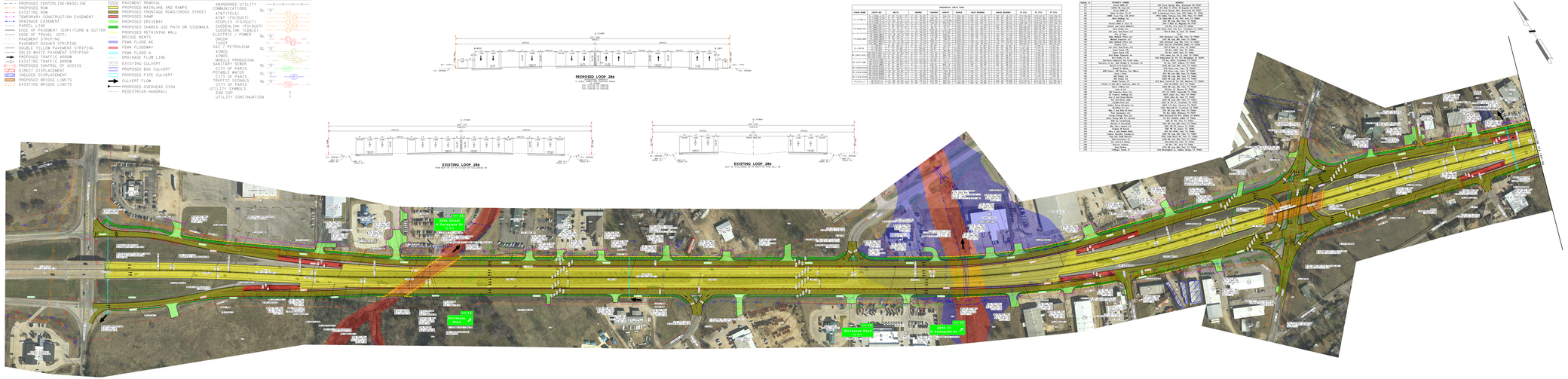
51	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth
52	Lamar FRWY EX	EX Ruth, EX Ruth, EX Ruth, EX Ruth


PARIS
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NOEL PARAMANATHAM, P.E. - DISTRICT ENGINEER

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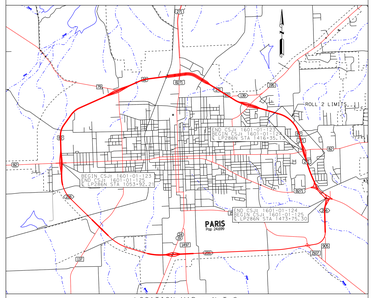

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8. SCHEMATIC INTERSECTION LAYOUTS FOLLOW 2018 RDM CRITERIA, PS&E PLANS WILL FOLLOW REVISED 2020 CRITERIA FOR RIGHT TURN SLIP LANES.

SCHEMATIC PREPARED BY:
BURNS & MCDONNELL
FIRM REGISTRATION NUMBER F-845
JOSHUA RYAN ROBERTSON 115996
NAME P.E. NUMBER
8/22/2023
DATE

PRELIMINARY

NOT INTENDED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES AND SUBJECT TO CHANGE BASED ON FUTURE DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.

AUGUST 2023

BURNS McDONNELL
NORTH GALLERIA TOWER 1
13737 NOEL RD.
SUITE 700
DALLAS, TX. 75240

ROLL 2 OF 2

HORZ SCALE 0 100 200
VERT SCALE 0 10 20

LEGEND:

- PROPOSED CENTERLINE/BASELINE
- PROPOSED ROW
- EXISTING ROW
- TEMPORARY CONSTRUCTION EASEMENT
- DRAINAGE EASEMENT
- PARCEL LINE
- EDGE OF PAVEMENT (EOP)/CURB & GUTTER
- EDGE OF TRAVEL (EOT)
- PAVEMENT STRIPING
- PAVEMENT DASHED STRIPING
- DOUBLE YELLOW PAVEMENT STRIPING
- SOLID WHITE PAVEMENT STRIPING
- PAVEMENT TRAFFIC ARROW
- EXISTING SIGNAL POLE
- PROPOSED CONTROL OF ACCESS
- DIRECT DISPLACEMENT
- INDUCED DISPLACEMENT
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- EXISTING BRIDGE LIMITS
- PAVEMENT REMOVAL
- PROPOSED MAINLANE AND RAMPS
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- PROPOSED DRIVEWAY
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- FEMA FLOODWAY
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- PROPOSED BOX CULVERT
- PROPOSED PIPE CULVERT
- CULVERT FLOW
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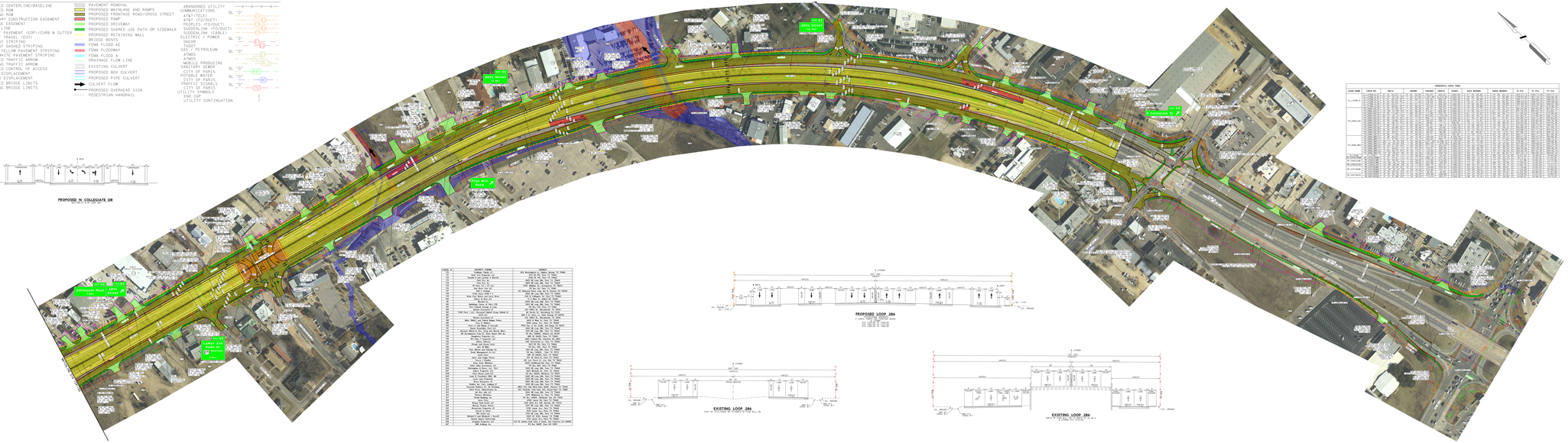
- PEDESTRIAN HANDRAIL
- ABANDONED UTILITY
- COMMUNICATIONS
- AT&T(TELE)
- AT&T (FO/DUCT)
- PEOPLES (FO/DUCT)
- SUDDENLINK (FO/DUCT)
- TEXAS NET (FO/DUCT)
- ELECTRIC / POWER
- ONCOR
- TXDOT
- GAS / PETROLEUM
- ATMOS
- ATMOS
- MOBILE PRODUCING
- SANITARY SEWER
- CITY OF PARIS
- HOT WATER / HEAT
- CITY OF PARIS
- TRAFFIC SIGNALS
- CITY OF PARIS
- UTILITY SYMBOLS
- UTILITY POLE
- UTILITY CONTINUATION

PROPOSED N COLLEGIATE DR


Bois d'Arc Ave
Bois d'Arc Ave to Bird
Bird Street
Bird Street to Hill
Hill Street
Hill Street to Lamar
Lamar Ave
Lamar Ave to Clarksville
Clarksville
N Collegiate Dr
N Collegiate Dr
Lamar Ave
Bois d'Arc Ave
Bird Street
Hill Street
Clarksville Street

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PARIS DISTRICT
NOEL PARAMANATHAN, P.E. - DISTRICT ENGINEER

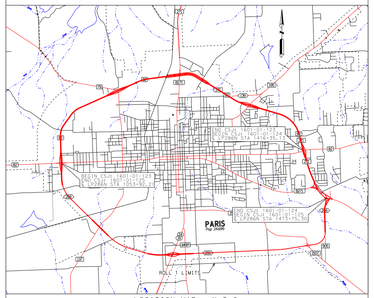
95% INTERIM DESIGN SCHEMATIC
LOOP 286
SOUTHEAST PROJECT
CSJ: 1690-01-124

NET LENGTH OF PROJECT: 20,188 FEET = 3.82 MILES
ROADWAY 20,188 FEET = 3.82 MILES
BRIDGE 0 FEET = 0.00 MILES

TRAFFIC DATA

	US82E TO US82W
2018 ADT	7,200
2038 ADT	9,900

ROADWAY	FUNCTIONAL CLASS.	DESIGN SPEED	eMAX
LOOP 286	PRINCIPAL ARTERIAL	50 MPH	6%
CROSS STREETS	URBAN MINOR ARTERIAL	30 MPH	2%
	URBAN COLLECTOR	30 MPH	2%
[illegible]	[illegible]	[illegible]	[illegible]



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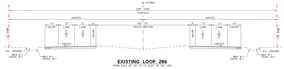
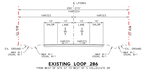
- END CAP
- UTILITY CONTINUATION

CROSS #	STREET NAME	STATIONS
01	Paris Medical Center Drive (E)	10+00 Rt. Rev. Sta. 5+00
02	Paris Medical Center Drive (W)	10+00 Rt. Rev. Sta. 5+00
03	Bonham Street (E)	23+00 Lft Fin Sta. 10+00 Lft Const
04	Bonham Street (W)	23+00 Lft Fin Sta. 10+00 Lft Const
05	Arthur St at Loop 286	26+ 00 Lft. Const. Sta. 13+00
06	Arthur St at Loop 286	26+ 00 Lft. Const. Sta. 13+00
07	Peace Park Trail	102+00 Centerline Fin. Sta. 71+00
08	Peace Park Trail	102+00 Centerline Fin. Sta. 71+00
09	Grace and Peace Park	109+ 00 Rt. Const. Sta. 78+ 00
10	Grace and Peace Park	109+ 00 Rt. Const. Sta. 78+ 00
11	Pecan I Drive	200+ 00 Lft. Const. Sta. 169+ 00
12	Pecan I Drive	200+ 00 Lft. Const. Sta. 169+ 00
13	Bel Air	207+ 00 Lft. Const. Sta. 176+ 00
14	Bel Air	207+ 00 Lft. Const. Sta. 176+ 00
15	Lake I Drive	215+ 00 Lft. Const. Sta. 184+ 00
16	Lake I Drive	215+ 00 Lft. Const. Sta. 184+ 00
17	Lake I Drive	215+ 00 Lft. Const. Sta. 184+ 00
18	Lake I Drive	215+ 00 Lft. Const. Sta. 184+ 00
19	Pecan Park Drive	227+ 00 Lft. Const. Sta. 196+ 00
20	Pecan Park Drive	227+ 00 Lft. Const. Sta. 196+ 00
21	Pecan Park Drive	227+ 00 Lft. Const. Sta. 196+ 00
22	Pecan Park Drive	227+ 00 Lft. Const. Sta. 196+ 00
23	Bonham Rd. Cross Drain (E)	1+ 00 Rt. Rev. Sta. 5+00
24	Bonham Rd. Cross Drain (W)	1+ 00 Rt. Rev. Sta. 5+00

CURVE NAME	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BEGIN BEARING	END BEARING	CURVE BEARING	PI STA.	PC STA.	PT STA.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]





DESIGN STANDARDS USED

TXDOT ROADWAY DESIGN MANUAL; 2020
AASHTO POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS; 2018
TXDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES; 2014
TRB HIGHWAY CAPACITY MANUAL; 2016
TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD); 2011
TXDOT ACCESS MANAGEMENT MANUAL; 2013
TXDOT HYDRAULIC DESIGN MANUAL; 2019

GENERAL NOTES

1. COORDINATES SHOWN ARE SURFACE VALUES IN U.S. SURVEY FEET BASED UPON THE NAD-83 COORDINATE SYSTEM IN THE NORTH CENTRAL ZONE (4202) WITH A SURFACE ADJUSTMENT FACTOR OF 1.00012. TEXAS STATE PLANE
2. SEE ENGINEERING REPORT FOR UTILITY CONFLICT INFORMATION.
3. ADA RAMPS ARE NOT DEPICTED ON THE PLAN.
4. ACCESS DENIAL LIMITS ARE DETERMINED BY PROVIDING SAFETY TO THE TRAVELING PUBLIC, MAINTAINING LEVEL OF SERVICE ON THE FRONTAGE ROADS AND MAINTAINING SAFE ACCESS TO ADJACENT PROPERTY OWNERS.
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SCHEMATIC PREPARED BY:
BURNS & MCDONNELL
FIRM REGISTRATION NUMBER F-845

JOSHUA RYAN ROBERTSON 115996
NAME P.E. NUMBER
8/22/2023
DATE

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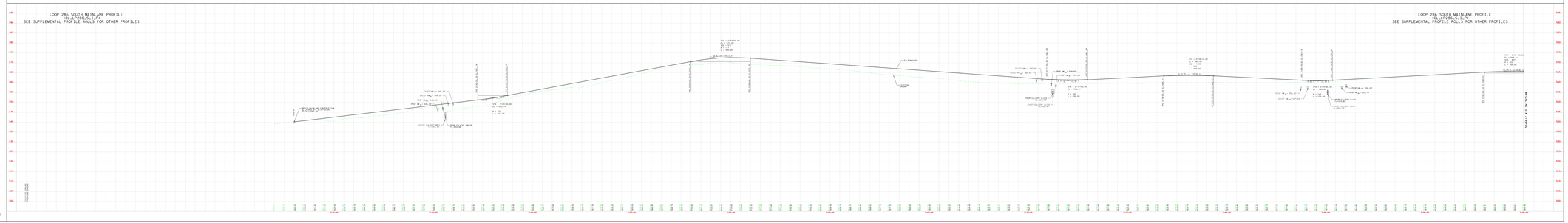
AUGUST 2023

BURNS McDONNELL
ROLL 1 OF 3

NORTH GALLERIA TOWER 1
13737 NOEL RD.
SUITE 700
DALLAS, TX. 75240

HORZ SCALE 0 50 100 200
VERT SCALE 0 5 10 20



Pen Table: Loop 286 Pentable.tbl

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PARIS DISTRICT
NOEL PARAMANATHAN, P.E. - DISTRICT ENGINEER

95% INTERIM DESIGN SCHEMATIC
LOOP 286
SOUTHEAST PROJECT
CSJ: 1690-01-124

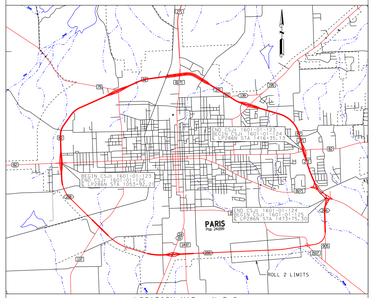
NET LENGTH OF PROJECT: 20,188 FEET = 3.82 MILES

ROADWAY
20,188 FEET = 3.82 MILES
BRIDGE
0 FEET = 0.00 MILES

TRAFFIC DATA

	US82E TO US82W
2018 ADT	7,200
2038 ADT	9,900

ROADWAY	FUNCTIONAL CLASS.	DESIGN SPEED	eMAX
LOOP 286	PRINCIPAL ARTERIAL	50 MPH	6%
CROSS STREETS	URBAN MINOR ARTERIAL	30 MPH	2%
	URBAN COLLECTOR	30 MPH	2%
TURNAROUNDS	URBAN MINOR COLLECTOR	25 MPH	2%



LOCATION MAP : N.T.S.

LEGEND:

- PROPOSED CENTERLINE/BASELINE
- PROPOSED ROW
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- PROPOSED BOX CULVERT
- PROPOSED PIPE CULVERT
- CULVERT FLOW
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- PEDESTRIAN HANDRAIL

ABANDONED UTILITY
COMMUNICATIONS
AT&T(TELE)
AT&T(FIBER/DUCT)
PEOPLES (FIBER/DUCT)
SUDDENLINK (FIBER/DUCT)
SUDDENLINK (CABLE)
ELECTRIC / POWER
AEP
TXDOT
GAS / PETROLEUM
ATMOS
ATMOS
PIPELINE PRODUCING
SANITARY SEWER
CITY OF PARIS
POTABLE WATER
CITY OF PARIS
TEXAS DEPARTMENT
CITY OF PARIS
UTILITY SYMBOLS
END CAP
UTILITY CONTINUATION

PARCEL #	PROJECT COMMENT	COMMENTS
101	Acquire Wide Remnant	ADDS ROWDY TO TEXAS STATE TO MATCH
102	Acquire Fee	ADDS ROW AND TEMPORARY TO TEXAS
103	Acquire Wide Remnant	ADDS ROW AND TEMPORARY TO TEXAS
104	Acquire Fee	ADDS ROW AND TEMPORARY TO TEXAS
105	Acquire Wide Remnant Temporary	ADDS TE ROW AND TEMPORARY TO TEXAS
106	Acquire Wide Remnant Temporary	ADDS TEMPORARY TO TEXAS
107	Acquire Fee	ADDS TEMPORARY TO TEXAS
108	Acquire Fee	ADDS TEMPORARY TO TEXAS
109	Acquire Fee	ADDS TEMPORARY TO TEXAS

HORIZONTAL CURVE TABLE

CURVE NAME	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	CURVE RADIUS	CURVE BEARING	PI STA.	BC STA.	EC STA.
TX-Prop-Loop 286	1	0.0000	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00
TX-Prop-Loop 286	2	0.0000	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00
TX-Prop-Loop 286	3	0.0000	0.00	0.00	0.00	0.00	N/A	0.00	0.00	0.00

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GENERAL NOTES

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AUGUST 2023

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ROLL 2 OF 3

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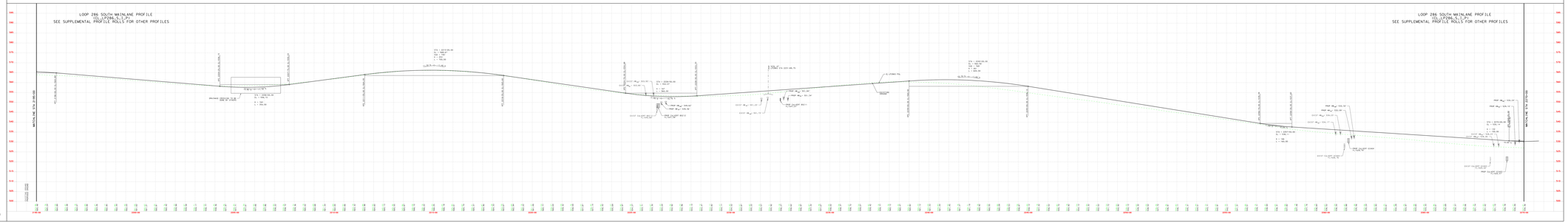

Pen Table: Loop 286 Pentable.tbl

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PARIS DISTRICT
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SOUTHEAST PROJECT
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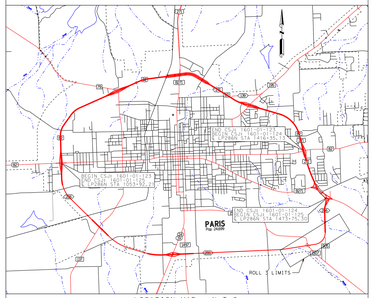

LOCATION MAP : N.T.S.

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AUGUST 2023

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NORTH GALLERIA TOWER 1
13737 NOEL RD.
SUITE 700
DALLAS, TX. 75240

ROLL 3 OF 3

HORZ SCALE 0 100 200
VERT SCALE 0 10 20

CHAIN. #	DESCRIPTION	REFERENCE
100	BEGIN LOOP 286	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	BEGIN PROJECT	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	BEGIN CURVE	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	BEGIN PROJECT	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	BEGIN CURVE	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	TURN POINT	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	BEGIN CURVE	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	BEGIN CURVE	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	TURN POINT	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	BEGIN CURVE	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	TURN POINT	2007 TXDOT ROW PLAN, TYPE TO TYPEWRITER
100	BEGIN CURVE