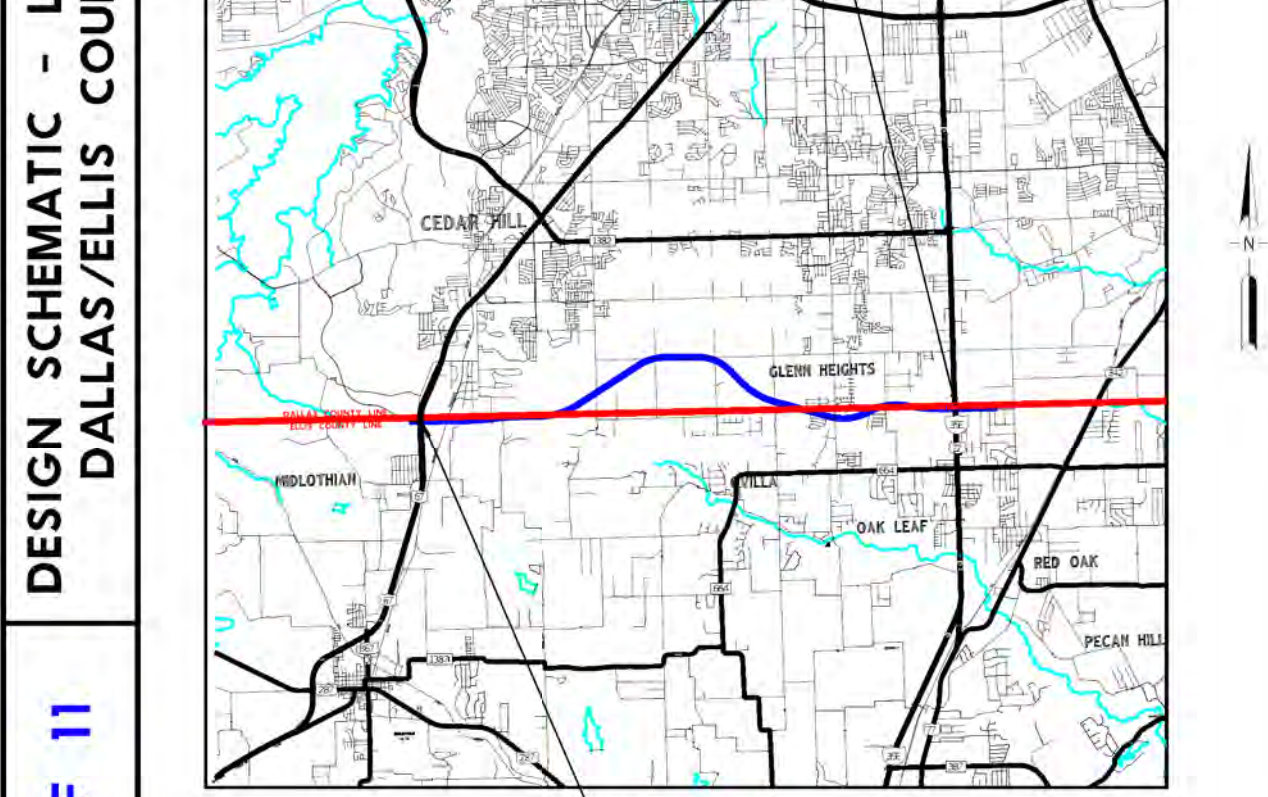


DALLAS DISTRICT
 MOHAMED K. BUR, P.E., DISTRICT ENGINEER
 DESIGN SCHEMATIC
LOOP 9
 DALLAS & ELLIS COUNTIES
 CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
 Project Length = 9.4 Miles

DESIGN SPEEDS
 DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:
 MAINLINES (RURAL FREEWAY) 70 MPH
 RAMP AND TRANSITION (RURAL FREEWAY) 60 MPH
 DIRECT CONNECTOR (RURAL FREEWAY) 45 MPH
 FRONTAGE ROADS (URBAN COLLECTOR) 35 MPH
 CROSS STREETS 40 MPH
 U-TURNS (URBAN COLLECTOR) 25 MPH



60% DRAFT
 PRELIMINARY, SUBJECT TO CHANGE WITHOUT NOTICE

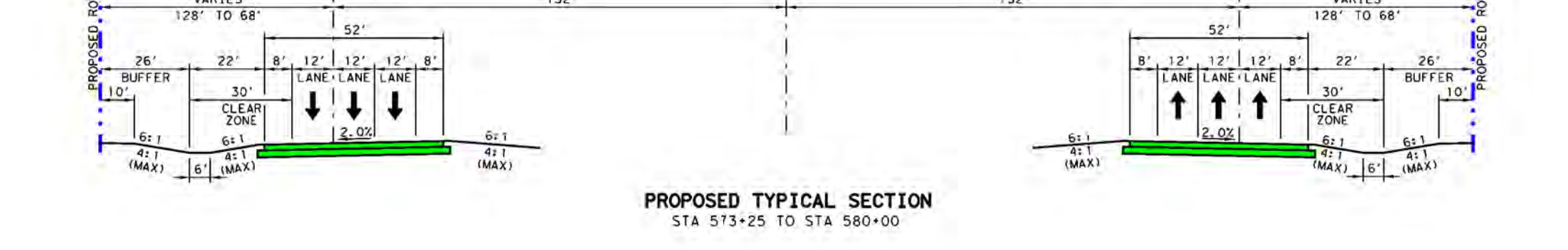
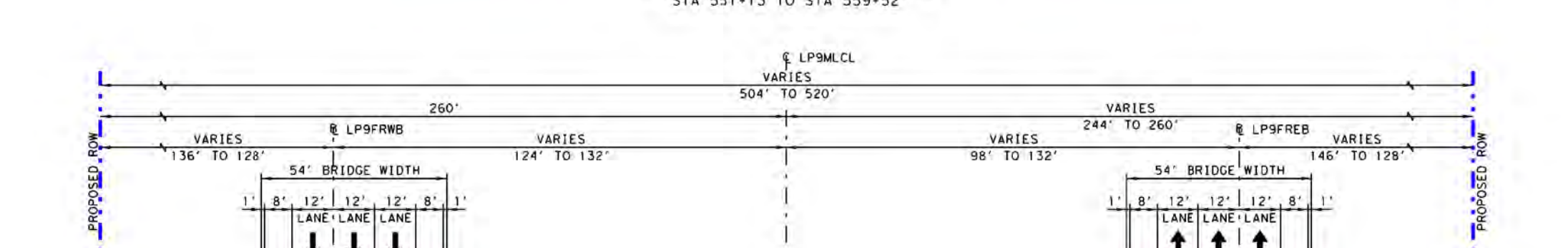
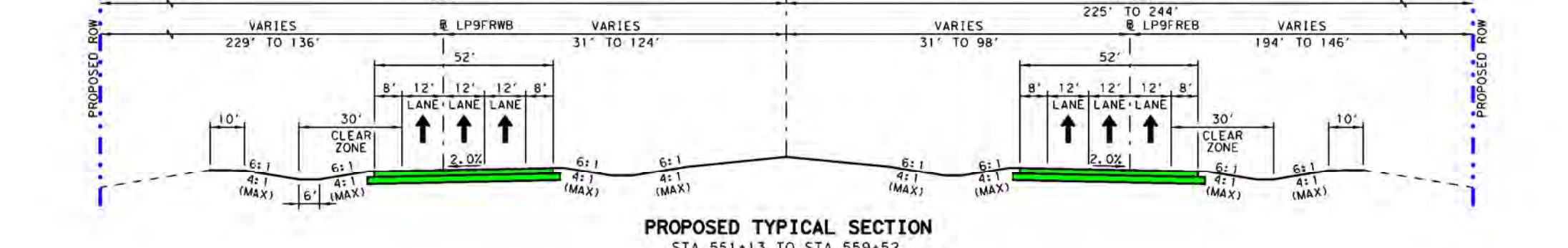
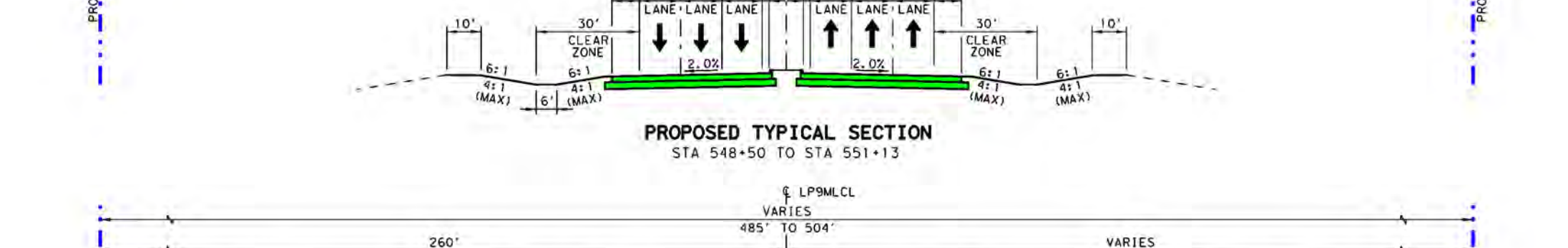
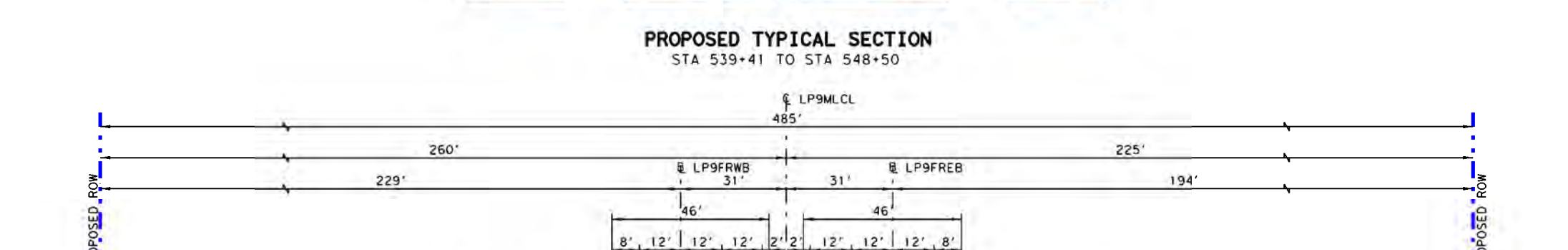
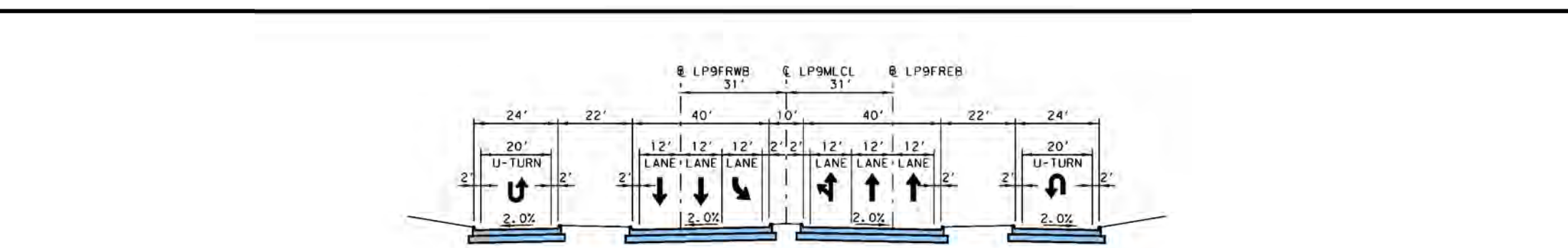
PRELIMINARY
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SCHEMATIC PREPARED BY:
 BGE, INC.
 REGISTRATION NUMBER F-1046
 FOR INTERIM REVIEW ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.

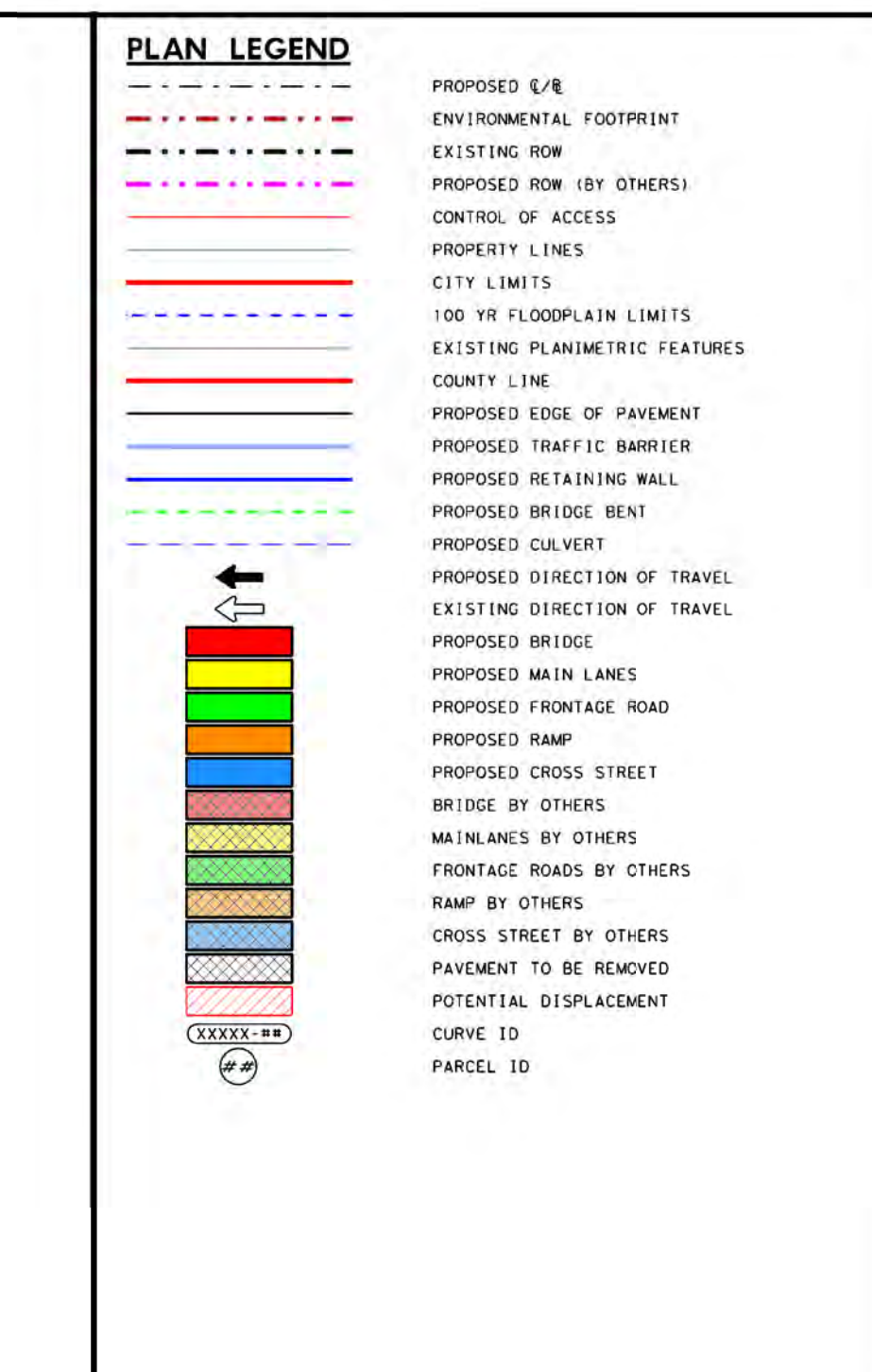
Prepared by or under the direct supervision of:
 HOSEIN M. HOSEINI, P.E., 118866
 COLTON A. GILL, P.E., 138563
 NAME DATE P.E. NUMBER

BGE, Inc.
 2505 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
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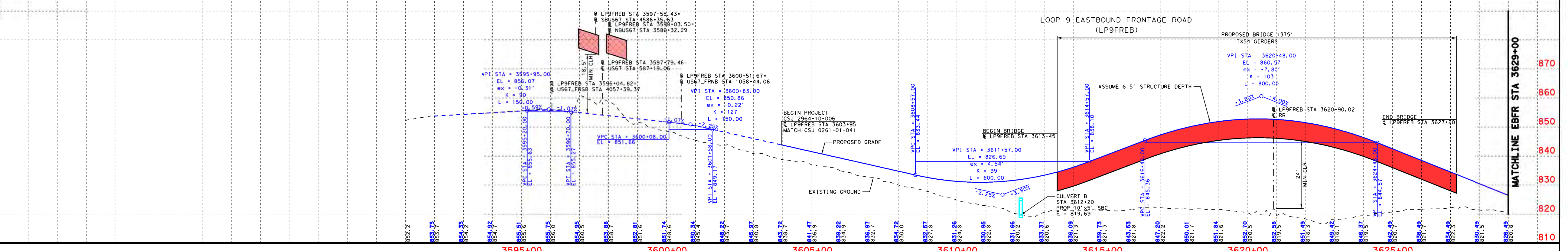
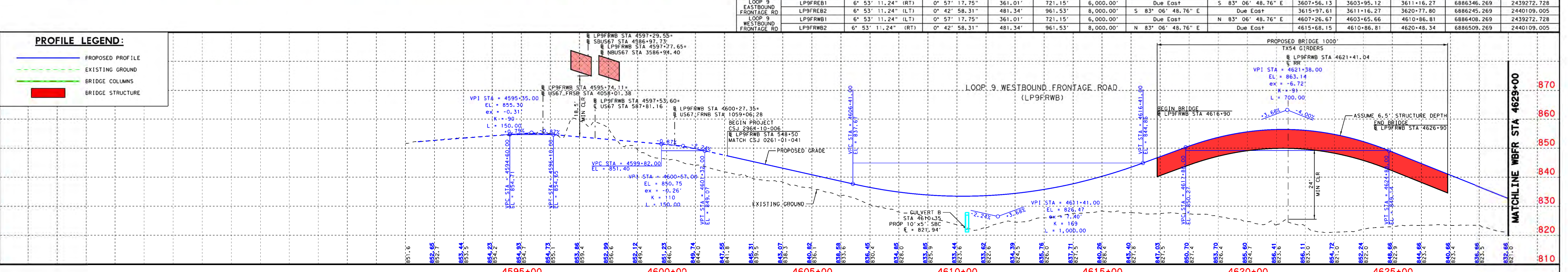
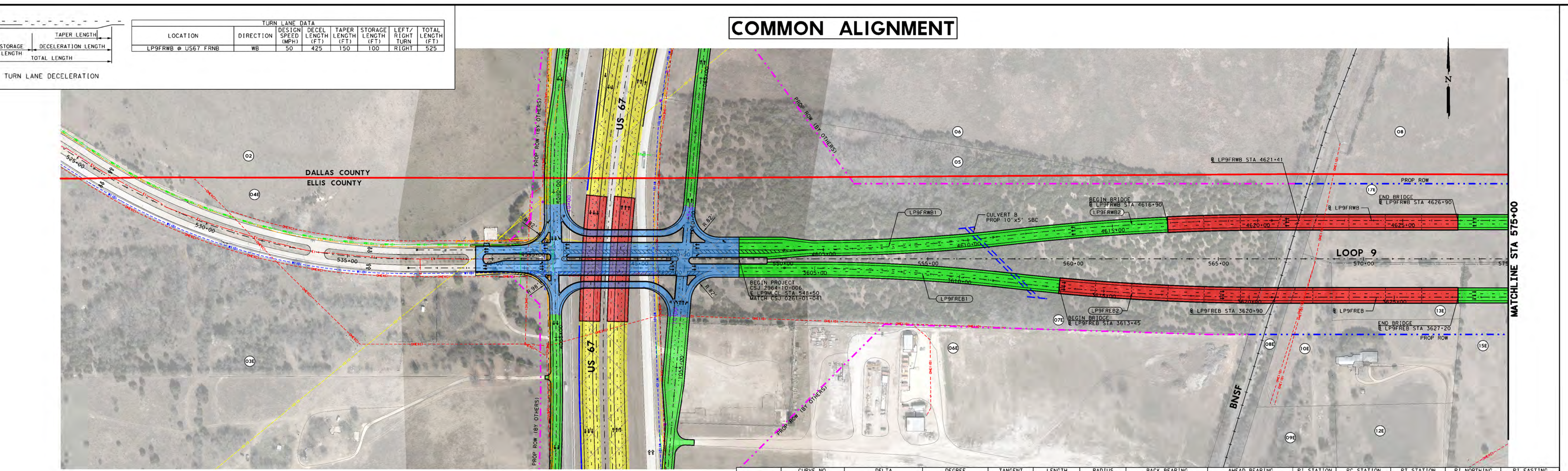
PARCEL ID	OWNER
1	A & M COMM HOLDINGS LP
2	WINDMILL SYSTEM LTD PARTNERSHIP
3	JUSTICE HIGH POINT BY INC
4	JUSTICE HIGH POINT BY INC
5	JUSTICE HIGH POINT BY INC
6	JUSTICE HIGH POINT BY INC
7	JUSTICE HIGH POINT BY INC
8	JUSTICE HIGH POINT BY INC
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99	JUSTICE HIGH POINT BY INC
100	JUSTICE HIGH POINT BY INC



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 - ALL MAINLINE MEDIUM CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE CONCRETE BARRIER (SSCB) UNLESS NOTED OTHERWISE.

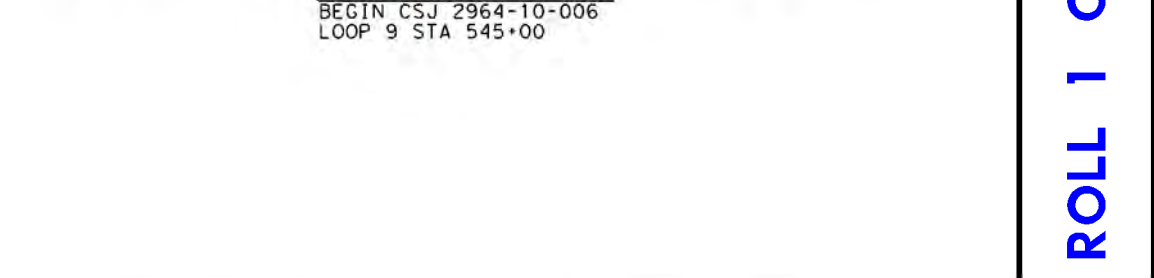
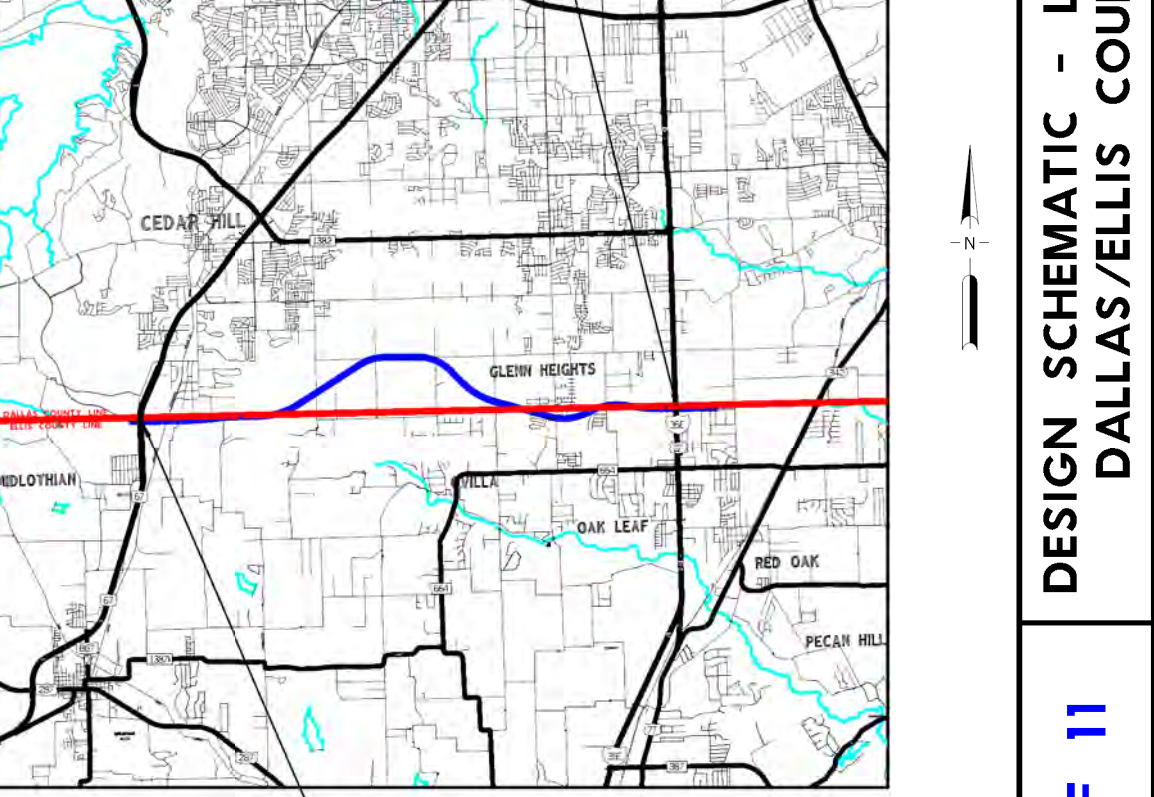
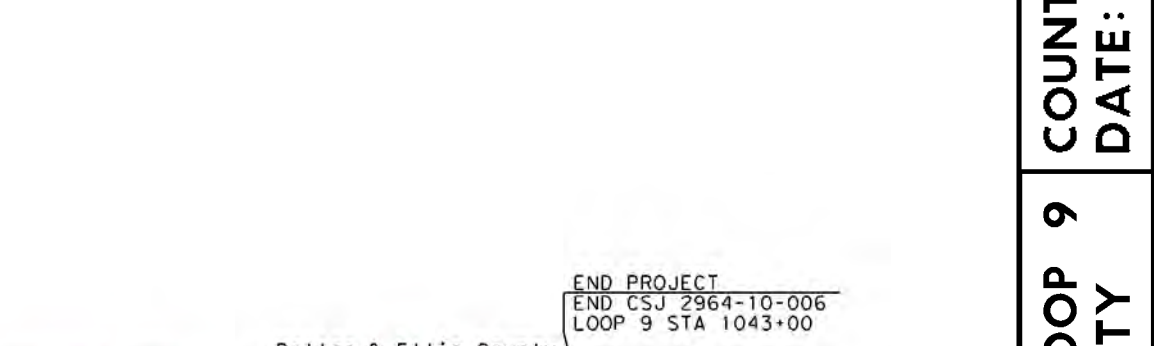
ROLL INDEX

ROLL 1:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 575+00 TO STA 625+00
ROLL 2:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 625+00 TO STA 675+00
ROLL 3:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 675+00 TO STA 725+00
ROLL 4:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 725+00 TO STA 775+00
ROLL 5:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 775+00 TO STA 825+00
ROLL 6:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 875+00
ROLL 7:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 875+00 TO STA 925+00
ROLL 8:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 925+00 TO STA 975+00
ROLL 9:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 975+00 TO STA 1025+00
ROLL 10:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1025+00 TO END PROJECT



DALLAS DISTRICT
 MOHAMED K. BUR, P.E., DISTRICT ENGINEER
 DESIGN SCHEMATIC
LOOP 9
 DALLAS & ELLIS COUNTIES
 CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
 Project Length = 9.4 Miles

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 CROSS STREETS 40 MPH
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60% DRAFT
 PRELIMINARY, SUBJECT TO CHANGE WITHOUT NOTICE

PRELIMINARY
 SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

SCHEMATIC PREPARED BY:
 BGE, INC.
 REGISTRATION NUMBER F-1046
 FOR INTERIM REVIEW ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.

Prepared by or under the direct supervision of:
 HOSEIN M. HOSEINI, P.E., 118866
 COLTON A. GILL, P.E., 138563
 NAME DATE P.E. NUMBER

BGE, Inc.
 2505 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046

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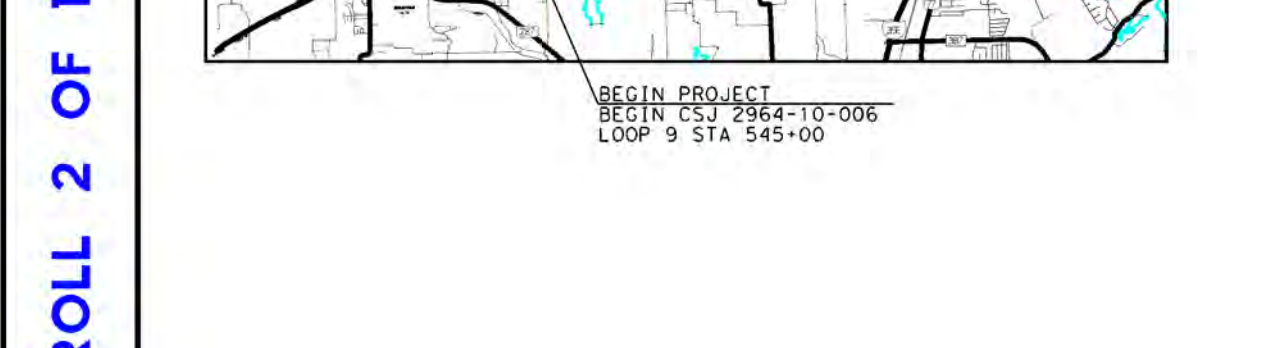
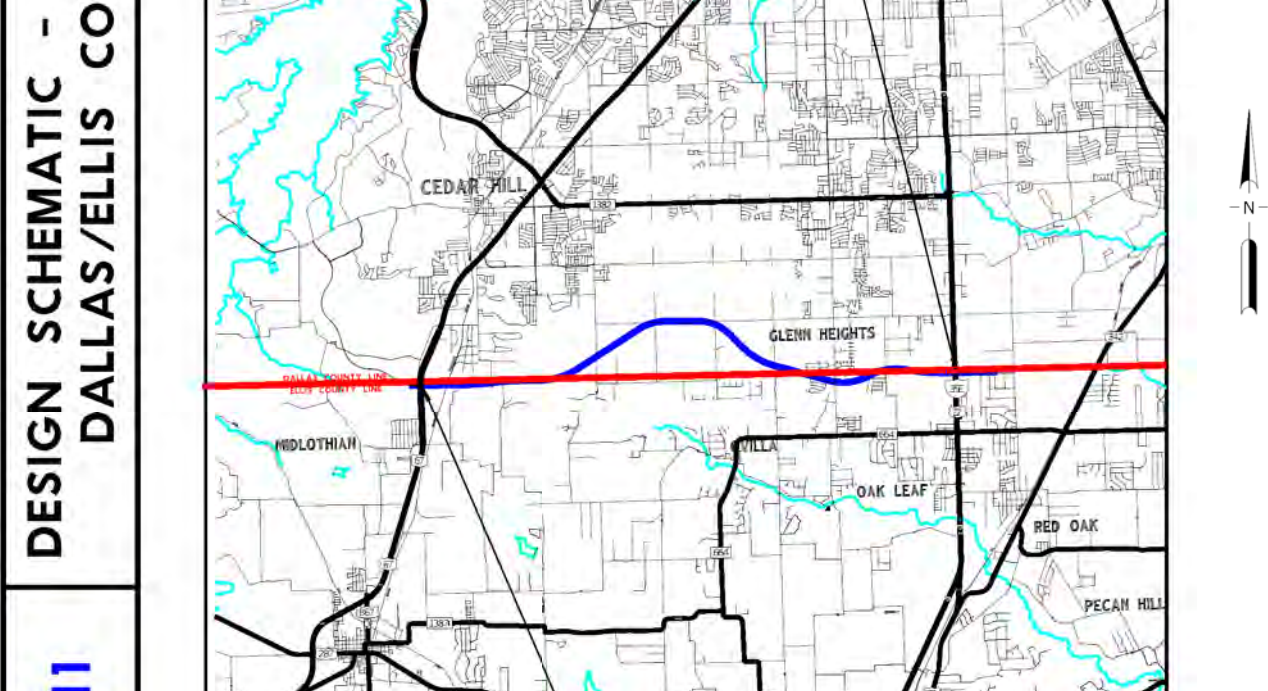
DESIGN SCHEMATIC - LOOP 9 DALLAS/ELLIS COUNTY DATE: FEBRUARY 2022

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DALLAS DISTRICT
 MOHAMED K. BUR, P.E., DISTRICT ENGINEER
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LOOP 9
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ALTERNATIVE 1



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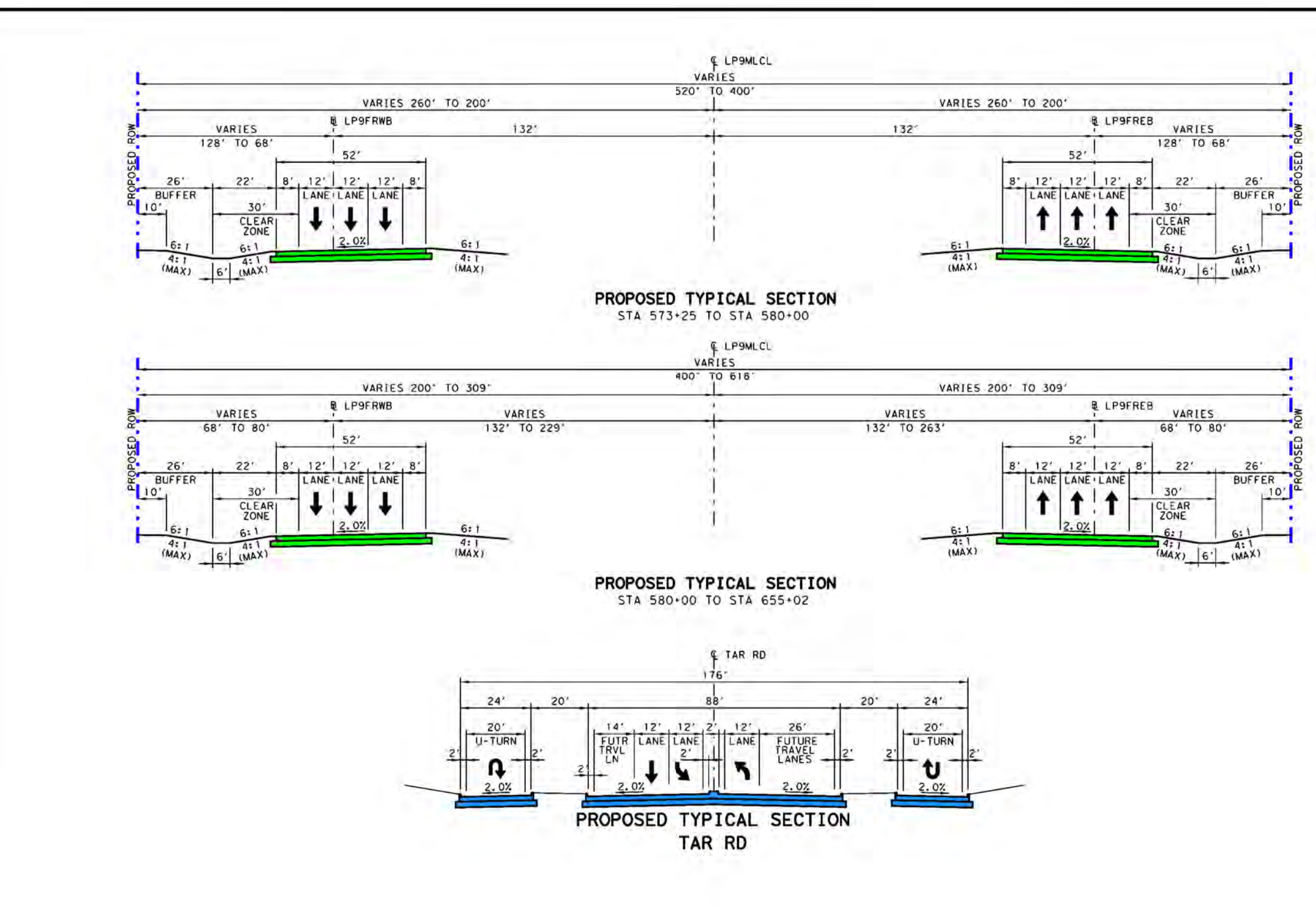
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Prepared by or under the direct supervision of:
 COLTON A. GILL, P.E. 138563
 DATE: 2/3/2022

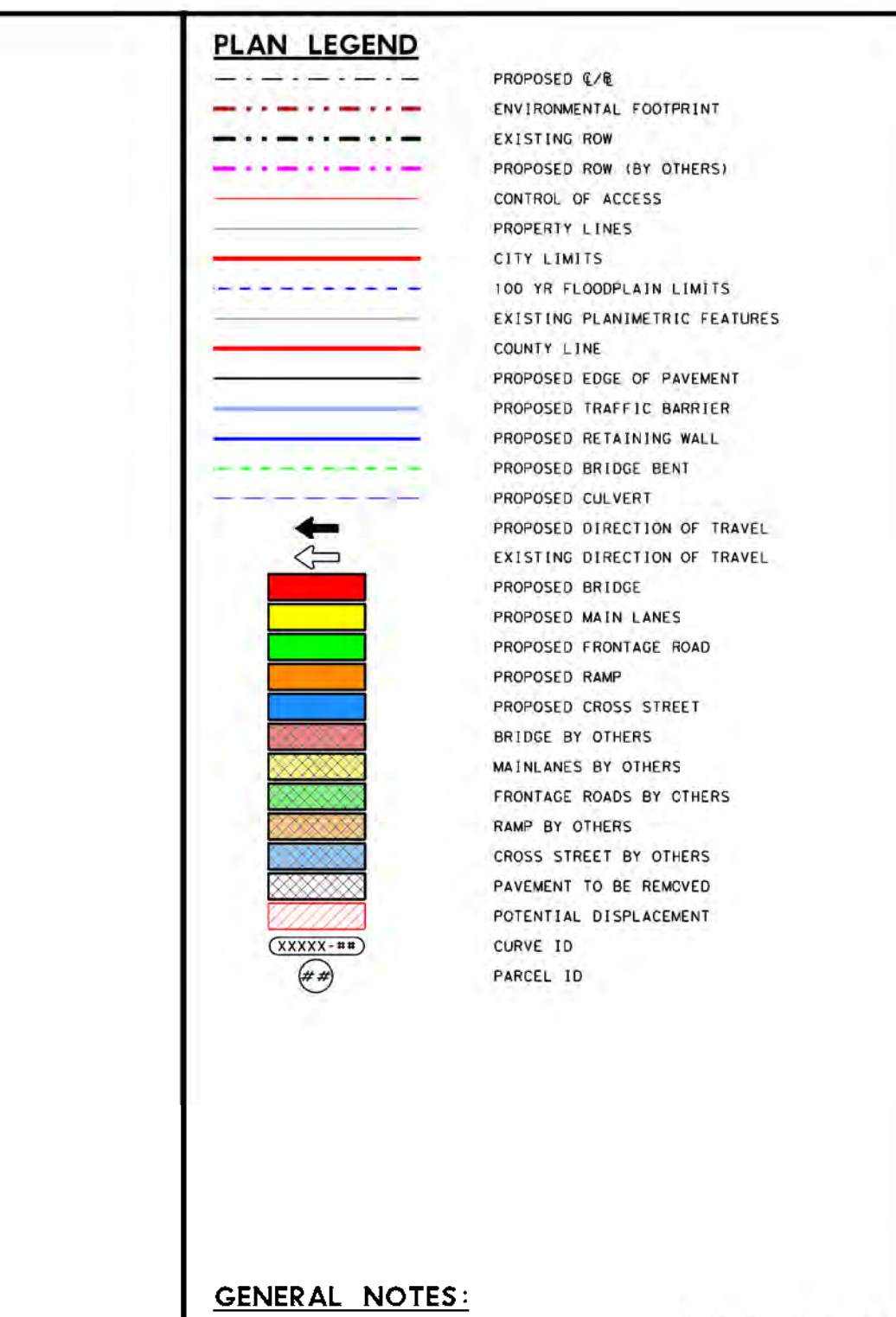
HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 20'

ROLL 2 OF 11

BGE, Inc. 2595 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046



PARCEL	OWNER
10	SPILLY HIGH POINT BY II INC
11	KASTNER WILLIAM & MARGARET C
12	KASTNER WILLIAM
13	MAKING SOLUTIONS OF TEXAS, L.L.C. (MOLINA LIFE CS)
14	CLAREN RUSHER II
15	WALKER PARK & STREET SALES WALKER
16	SANTOS PIRO
17	SANTOS PIRO
18	WALKER PARK & STREET SALES WALKER
19	POTTER FOSTER JR & PATIA K
20	CAMPBELL MICHAEL D
21	SHAM ALI
22	COCHRAN WELDON S ANN
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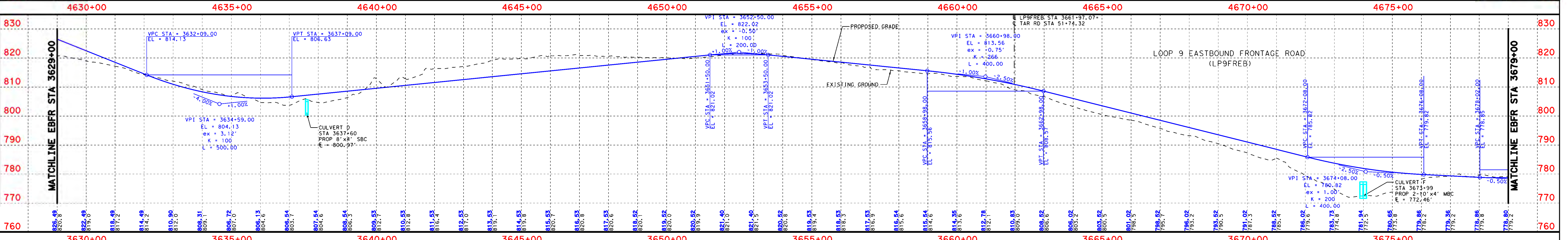
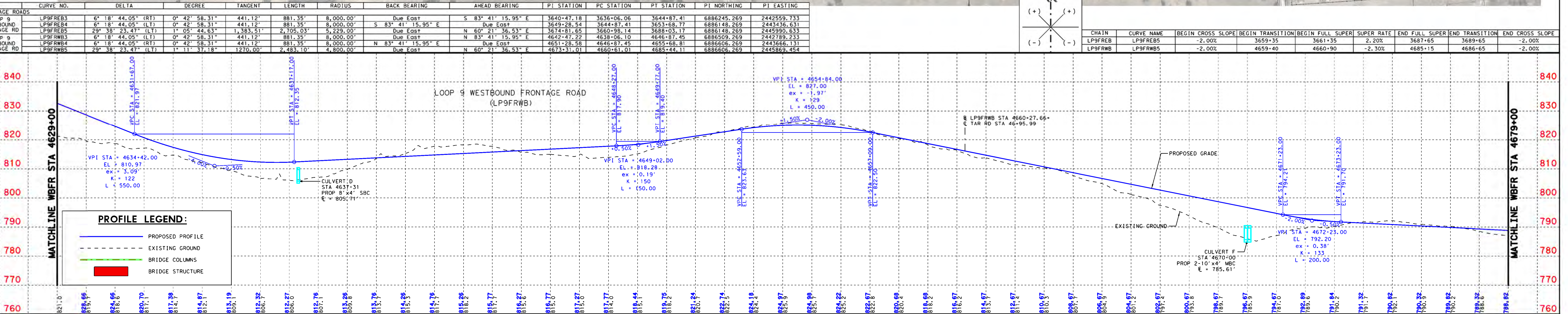
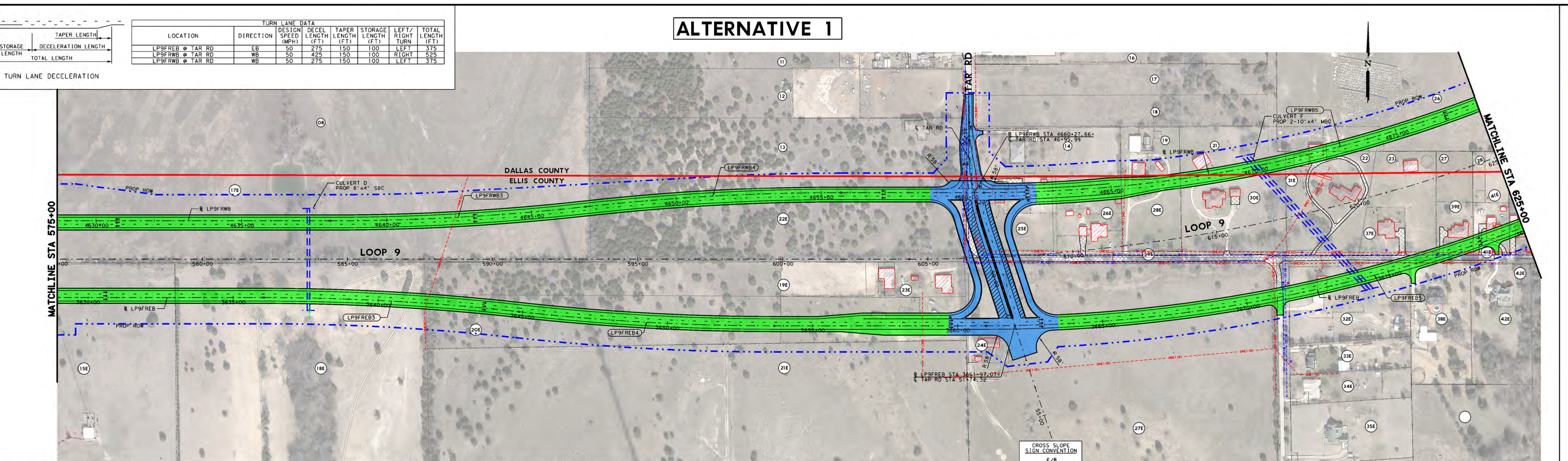


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- APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS XXXX, XXXX, XXXX.
- OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS COUNTY APPRAISAL DISTRICTS. LATEST DATA AVAILABLE AS OF XXXX XXXX.
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ROLL INDEX

- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 975+00 TO STA 575+00
- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 975+00 TO STA 825+00
- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 825+00 TO STA 675+00
- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 675+00 TO STA 525+00
- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 525+00 TO STA 375+00
- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 375+00 TO STA 225+00
- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 225+00 TO STA 75+00
- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 75+00 TO STA 125+00
- LOOP 9 MAINLINES (ALTERNATIVE 1) STA 125+00 TO END PROJECT



TURN LANE DATA

LOCATION	DIRECTION	DESIGN SPEED (MPH)	DECEL LENGTH (FT)	TAPER LENGTH (FT)	STORAGE LENGTH (FT)	LEFT TURN LENGTH (FT)	TOTAL LENGTH (FT)
LPSFRFB @ TAR RD	EB	50	25	150	100	100	375
LPSFRFB @ TAR RD	WB	50	25	150	100	100	375
LPSFRFB @ TAR RD	WB	50	25	150	100	100	375

FRONTAGE ROADS

CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION	PI NORTHING	PI EASTING
FRONTAGE RD	67.18	42.05 (RT)	0. 42. 58.31	441.12	881.35	8,000.00	S 83. 41. 35.35 E	3640-47.18	3636-06.06	3644-37.41	6886245.269	2445559.733
FRONTAGE RD	67.18	42.05 (RT)	1. 05. 44.63	1,383.51	2,767.03	8,000.00	N 60. 21. 23.93 E	3674-81.65	3660-38.14	3688-03.17	6886148.269	2445559.833
FRONTAGE RD	67.18	42.05 (RT)	0. 42. 58.31	441.12	881.35	8,000.00	N 83. 41. 35.35 E	3674-81.65	3660-38.14	3688-03.17	6886148.269	2445559.833
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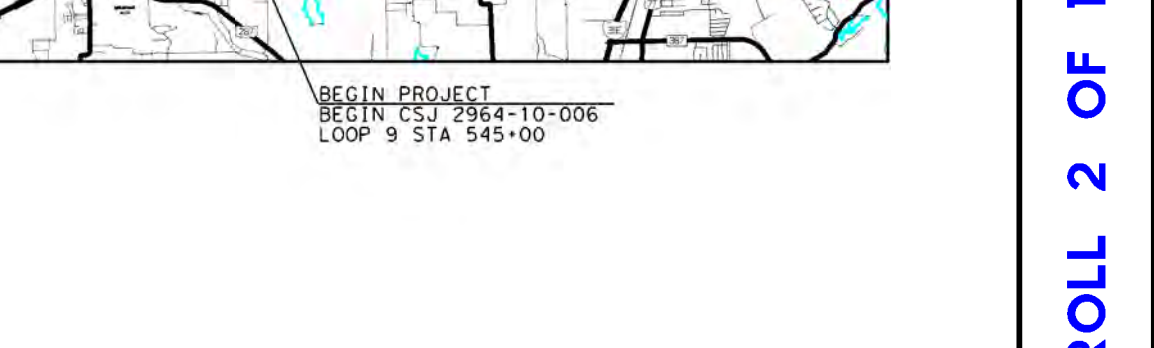
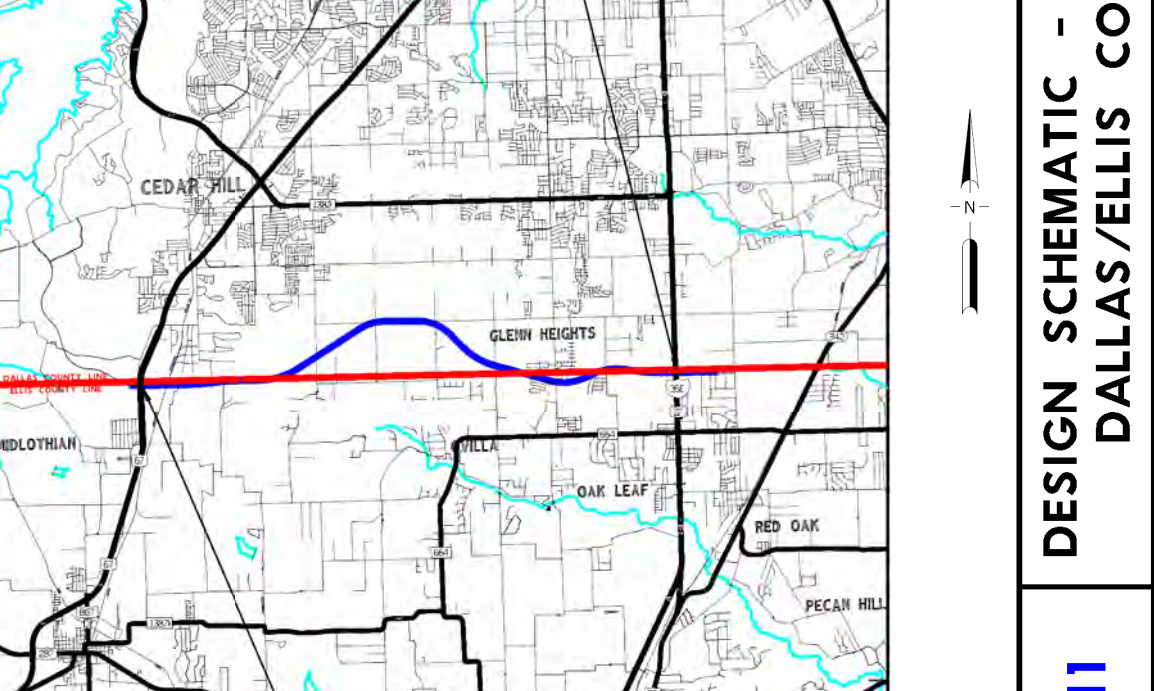
CHAIN

CHAIN	CURVE NAME	BEGIN CROSS SLOPE	BEGIN TRANSITION	BEGIN FULL SUPER	SUPER RATE	END FULL SUPER	END TRANSITION	END CROSS SLOPE
LPSFRFB	LPSFRFB	-2.00%	3659-35.99	3661-35	-2.30%	3669-35	3669-35	-2.00%
LPSFRFB	LPSFRFB	-2.00%	4659-40	4660-90	-2.30%	4685-15	4686-65	-2.00%

DALLAS DISTRICT
 MOHAMED K. BUR, P.E., DISTRICT ENGINEER
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ALTERNATIVE 1



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Prepared by or under the direct supervision of:
 COLTON A. GILL, P.E. 138563
 DATE: 2/3/2022

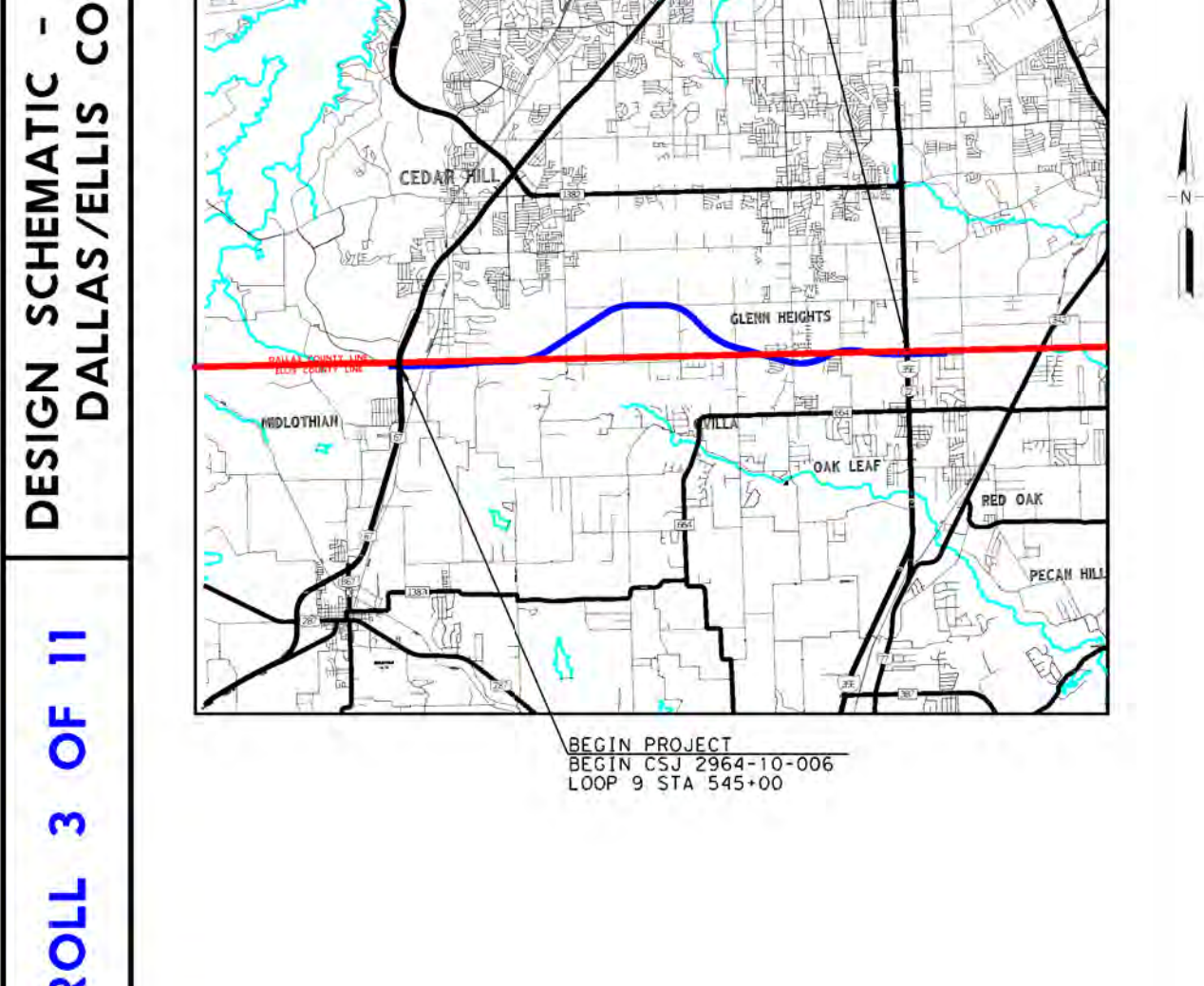
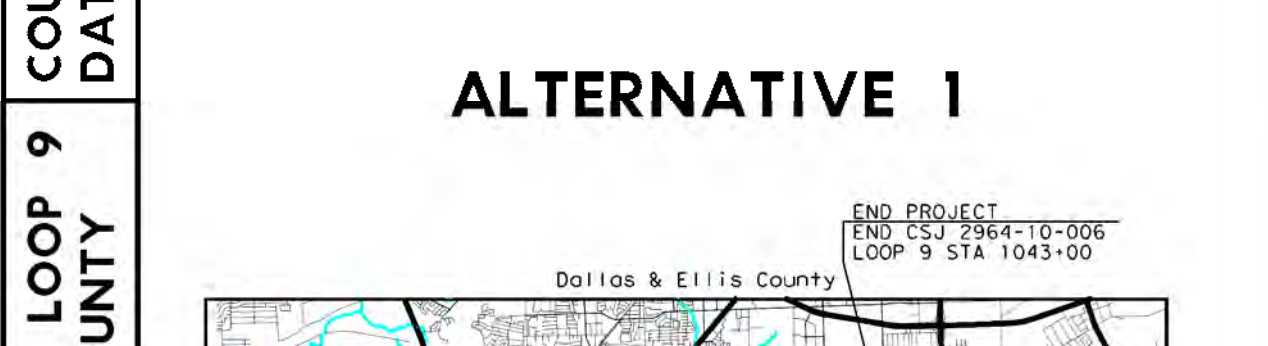
HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 20'

ROLL 2 OF 11

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 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046

DESIGN SPEEDS
 DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:
 MAINLINES (RURAL FREEWAY) 70 MPH
 RAMP AND TRANSITION (RURAL FREEWAY) 60 MPH
 DIRECT CONNECTOR (RURAL FREEWAY) 45 MPH
 FRONTAGE ROADS (URBAN COLLECTOR) 55 MPH
 CROSS STREETS 40 MPH
 U-TURNS (URBAN COLLECTOR) 25 MPH

ALTERNATIVE 1



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PRELIMINARY SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

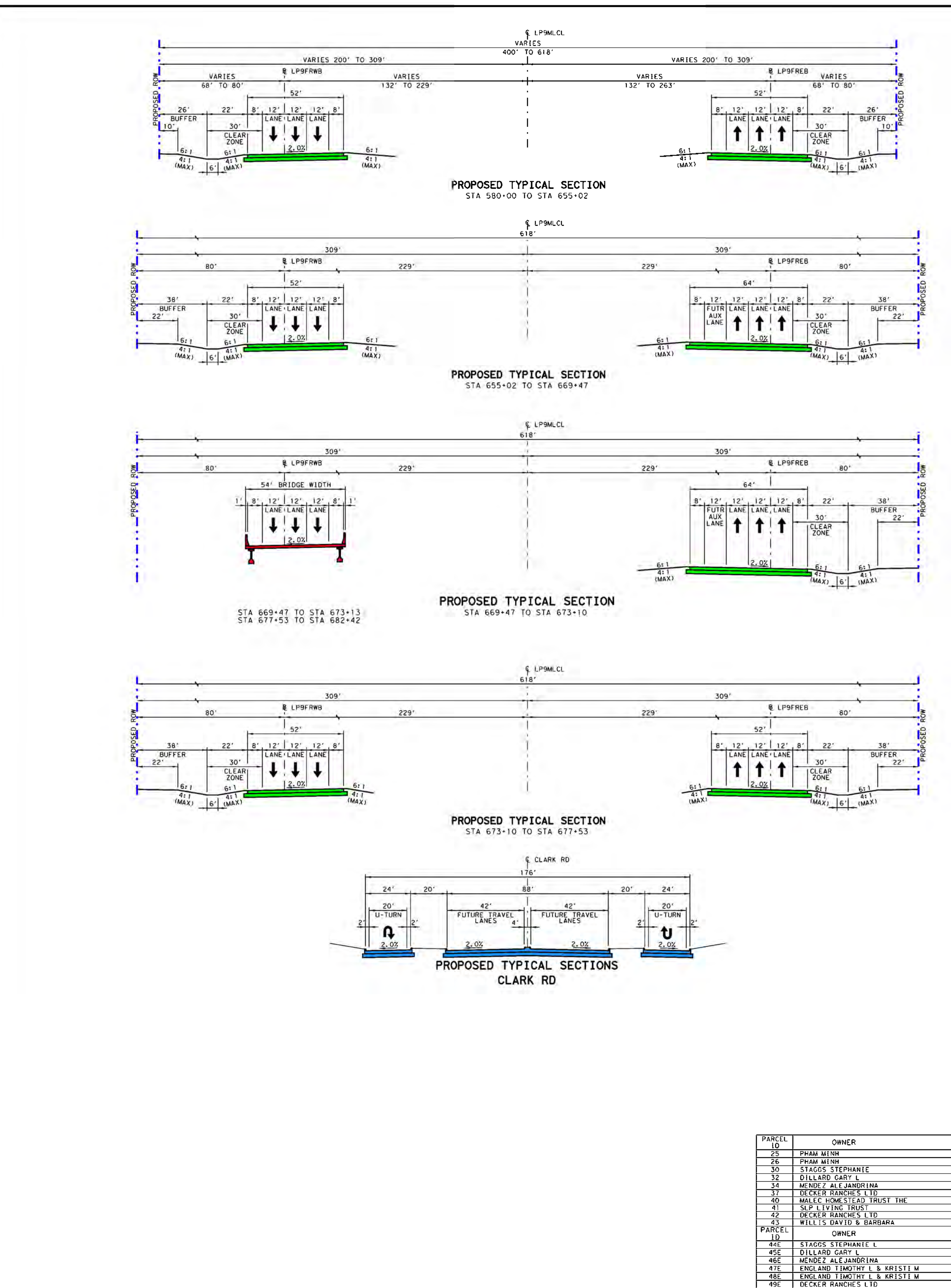
Schematic Prepared By: BGE, Inc.
 Registration Number F-1046
 For Interim Review Only, Not For Permitting, Bidding or Construction.

Prepared by or under the direct supervision of:
 Hossein M. Hosseini, P.E., 118666
 Colton A. Gill, P.E., 138563
 Name: 2/3/2022 P.E. Number: DATE

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

ROLL 3 OF 11

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PLAN LEGEND

- PROPOSED E/R ENVIRONMENTAL FOOTPRINT
- EXISTING ROW
- PROPOSED ROW (BY OTHERS)
- CONTROL OF ACCESS
- PROPERTY LINES
- CITY LIMITS
- 100 YR FLOODPLAIN LIMITS
- EXISTING PLANNIMETRIC FEATURES
- COUNTY LINE
- PROPOSED EDGE OF PAVEMENT
- PROPOSED TRAFFIC BARRIER
- PROPOSED RETAINING WALL
- PROPOSED BRIDGE BENT
- PROPOSED CULVERT
- PROPOSED DIRECTION OF TRAVEL
- EXISTING DIRECTION OF TRAVEL
- PROPOSED BRIDGE
- PROPOSED MAIN LANES
- PROPOSED FRONTAGE ROAD
- PROPOSED RAMP
- PROPOSED CROSS STREET
- BRIDGE BY OTHERS
- MAINTAIN BY OTHERS
- FRONTAGE ROADS BY OTHERS
- RAMP BY OTHERS
- CROSS STREET BY OTHERS
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

- GENERAL NOTES:**
- EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 2013 AND RECORD PLANS.
 - FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
 - SUPERELEVATION AXIS OF ROTATION IS AS SHOWN ON THE PLAN.
 - DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR MINIMAL FACE OF CURB, RAIL, BARRIER, OR WALL UNLESS NOTED OTHERWISE. REFER TO TYPICAL SECTIONS FOR BUFFER TYPES AND LIMITS.
 - APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS XXXX, XXXX, XXXX.
 - OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS COUNTY APPRAISAL DISTRICTS. LATEST DATA AVAILABLE AS OF XXXX, XXXX, XXXX.
 - EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
 - SEE RAMP AND SIDEWALKS ARE DIAGNOSTIC ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
 - EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS.
 - BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
 - CURBS ARE TYPE II (8") UNLESS NOTED OTHERWISE.
 - CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
 - WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS SHALL BE REVOKED AND CANCELED AT THE DISCRETION OF THE AREA OFFICE THROUGH THE DRIVEWAY PERMIT PROCESS.
 - EXISTING PAVEMENT PERIODS LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE.
 - ALL CROSS STREETS CORNER RADII ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
 - ALL DRIVEWAYS CORNER RADII ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
 - ALL MAINLINE MEDIAN CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE CONCRETE BARRIER (SSCB) UNLESS NOTED OTHERWISE.

ROLL INDEX

ROLL 1: LOOP 9 MAINLANES BEGIN PROJECT TO STA 575+00

ROLL 2: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 575+00 TO STA 825+00

ROLL 3: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 835+00

ROLL 4: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 835+00 TO STA 725+00

ROLL 5: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 725+00 TO STA 775+00

ROLL 6: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 825+00

ROLL 7: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 875+00

ROLL 8: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 875+00 TO STA 925+00

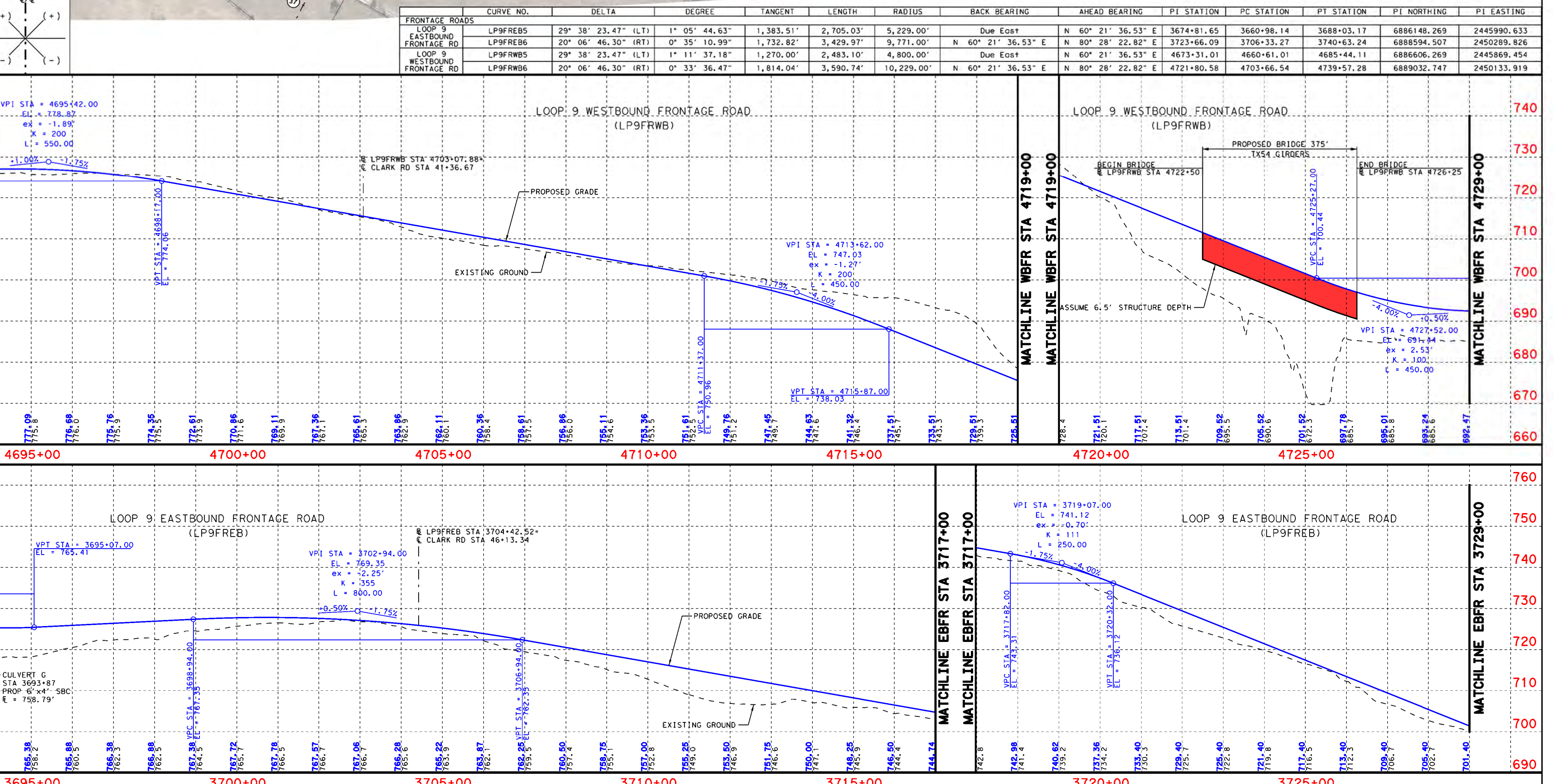
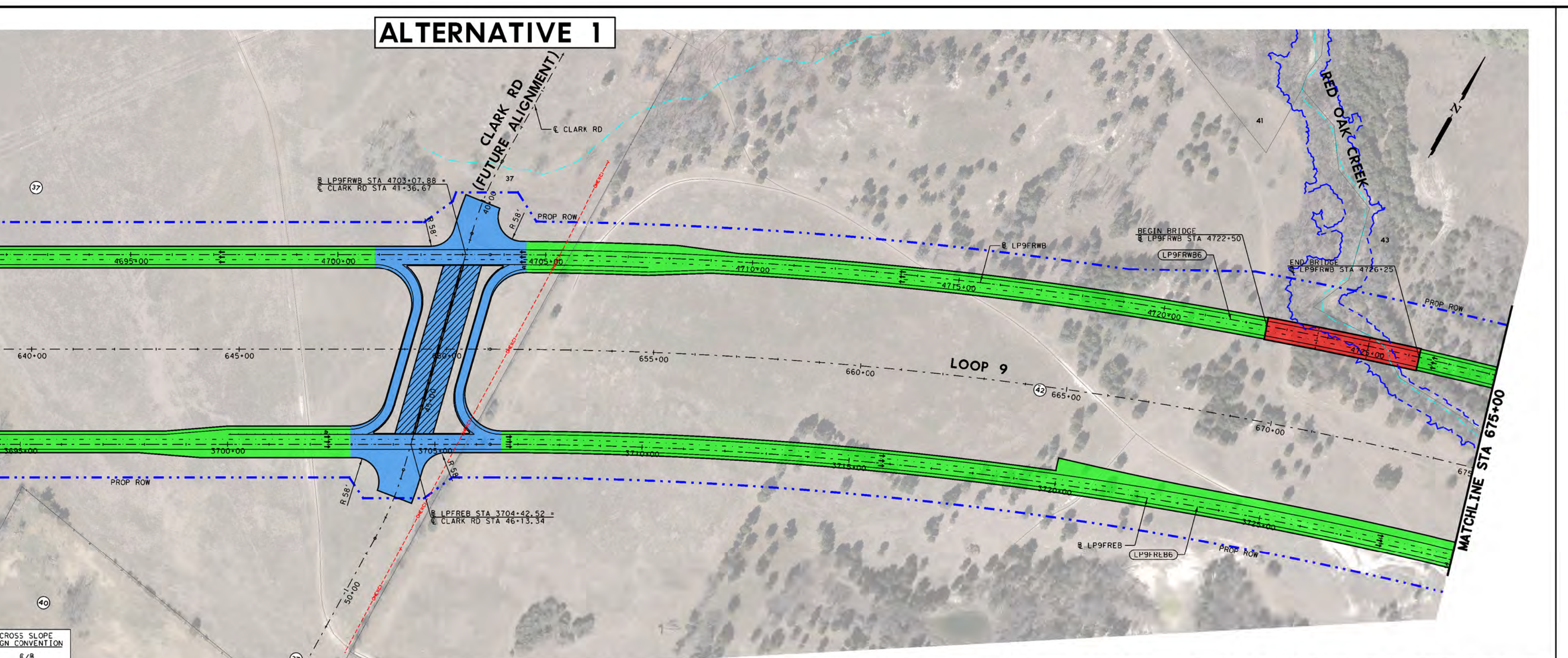
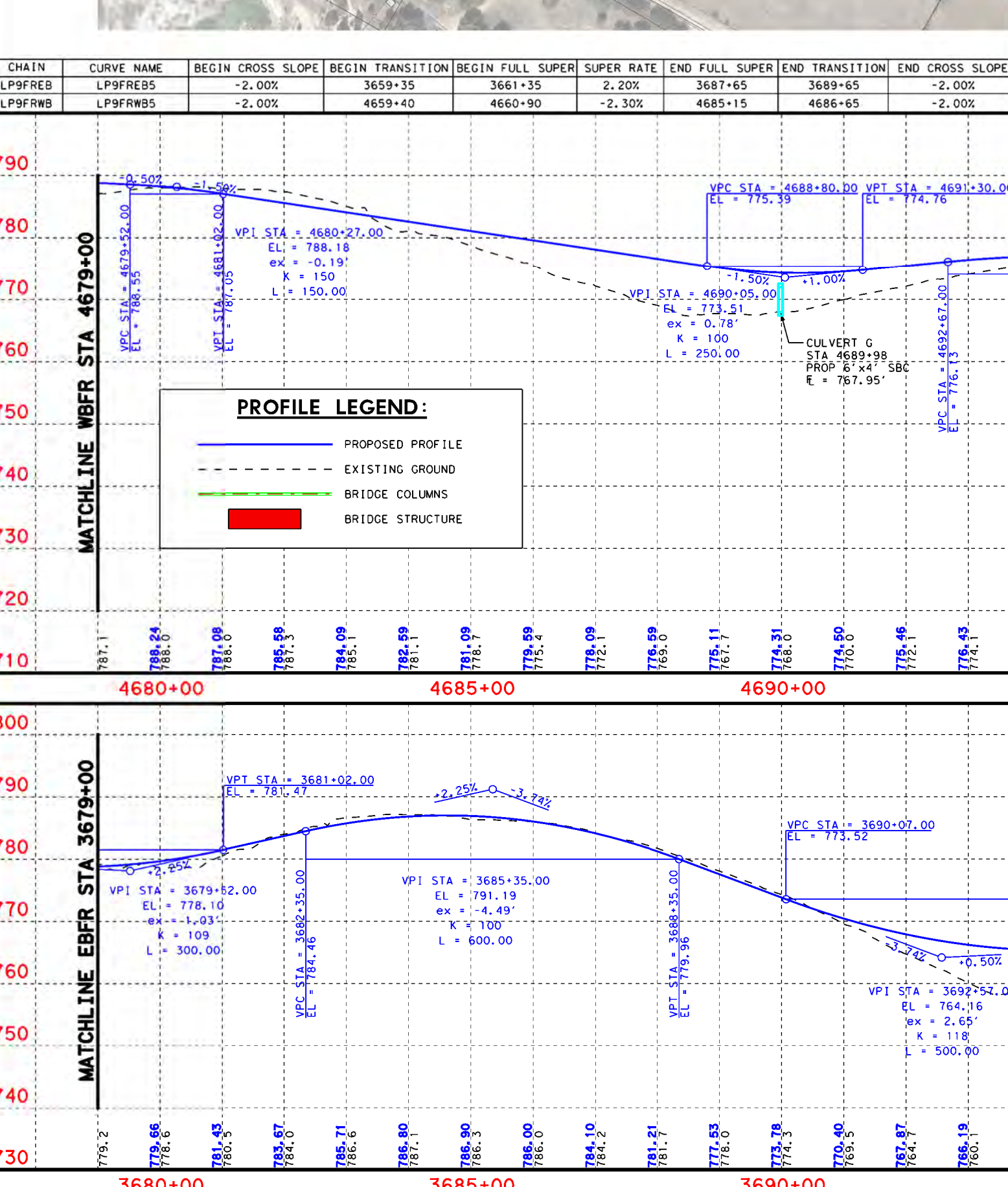
ROLL 9: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 925+00 TO STA 975+00

ROLL 10: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 975+00 TO STA 1025+00

ROLL 11: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1025+00 TO END PROJECT

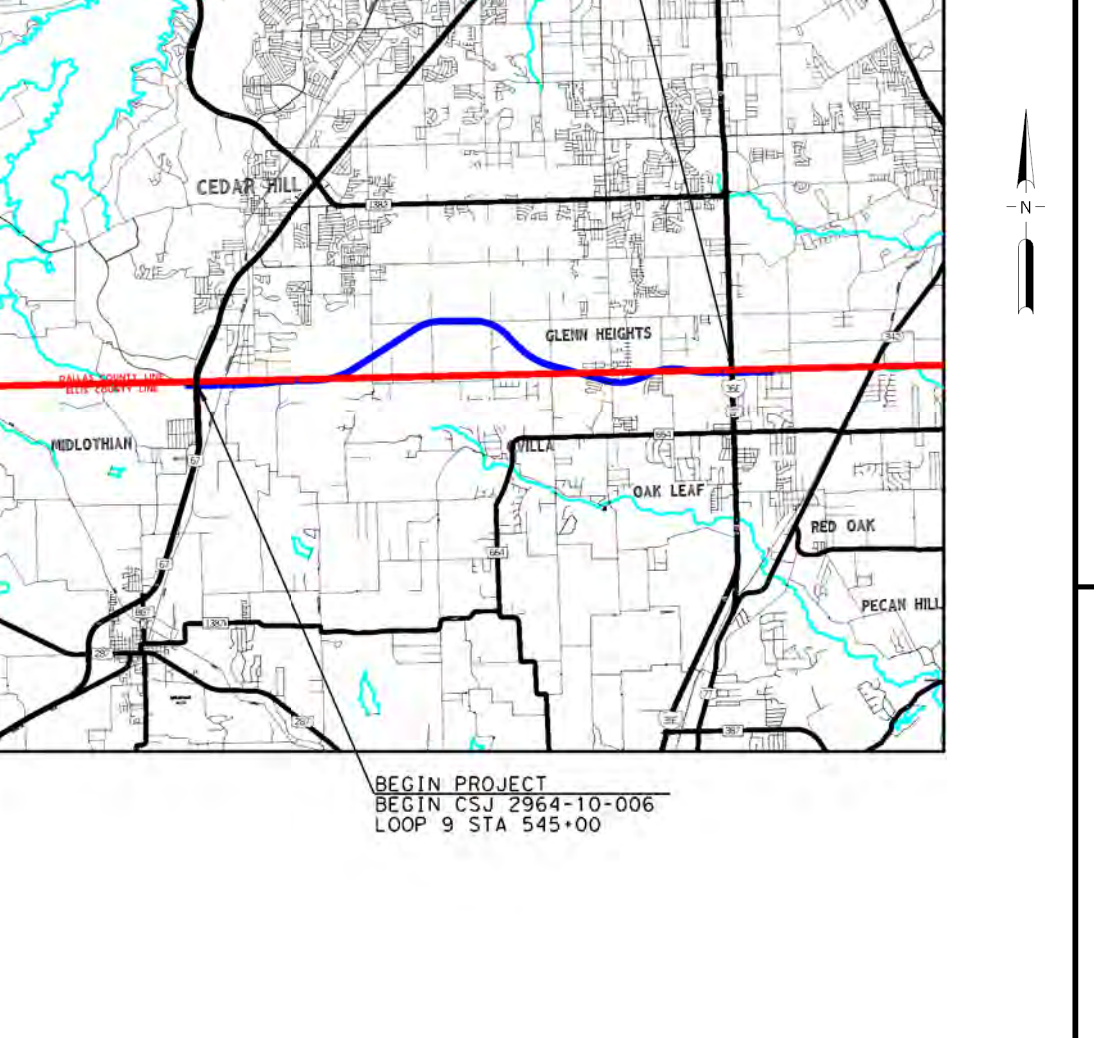
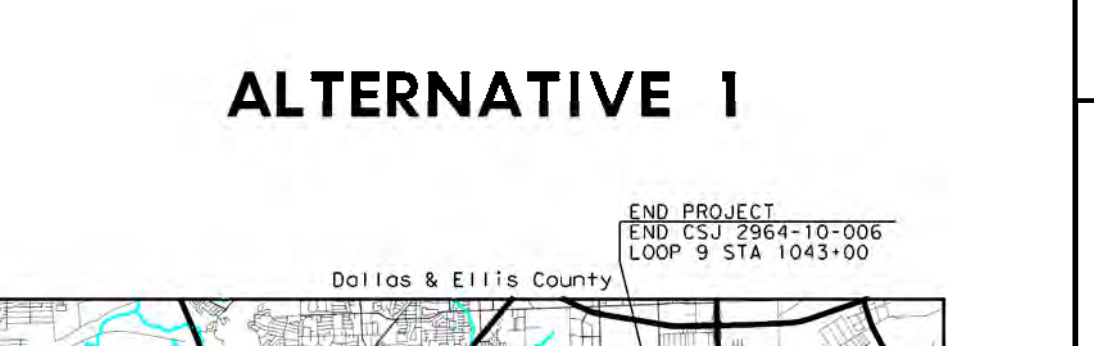
TURN LANE DATA

LOCATION	DIRECTION	DESIGN SPEED (MPH)	DECEL LENGTH (FT)	TAPER LENGTH (FT)	STORAGE LENGTH (FT)	LEFT TURN LENGTH (FT)	TOTAL LENGTH (FT)
LPSFRWB @ CLARK RD	EB	50	235	150	100	LEFT	515
LPSFRWB @ CLARK RD	WB	50	235	150	100	LEFT	515



DESIGN SPEEDS
 DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:
 MAINLINES (RURAL FREEWAY) 70 MPH
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 DIRECT CONNECTOR (RURAL FREEWAY) 45 MPH
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 CROSS STREETS 40 MPH
 U-TURNS (URBAN COLLECTOR) 25 MPH

ALTERNATIVE 1



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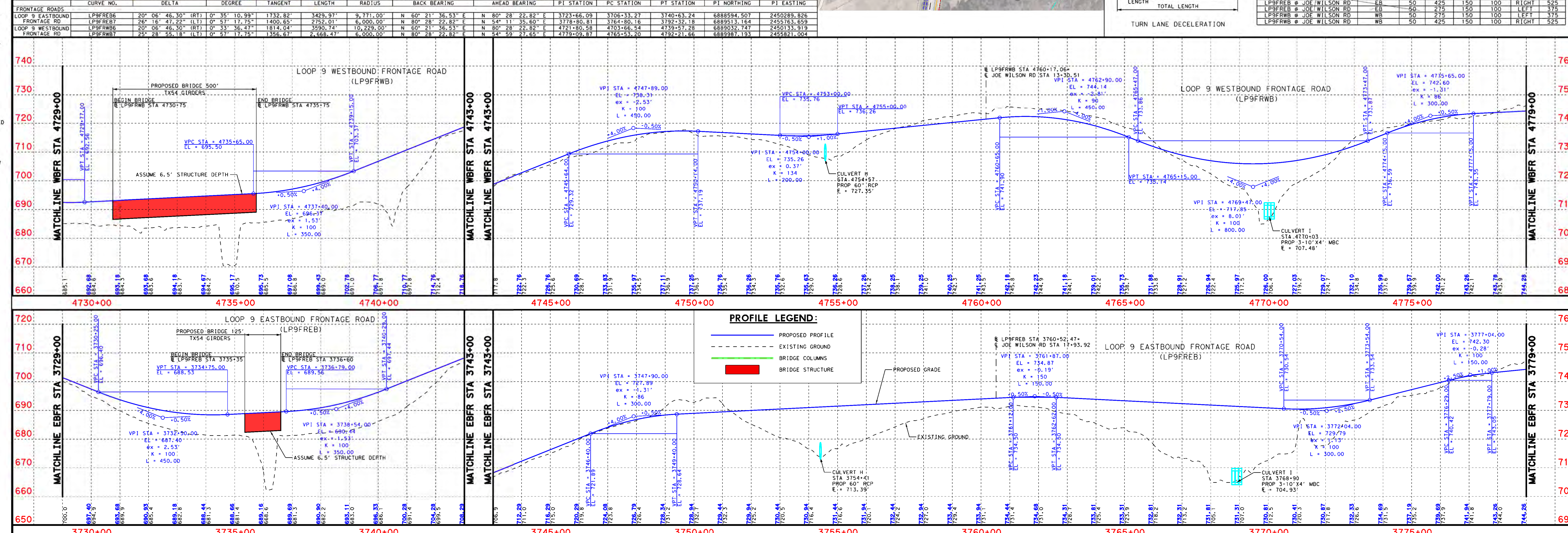
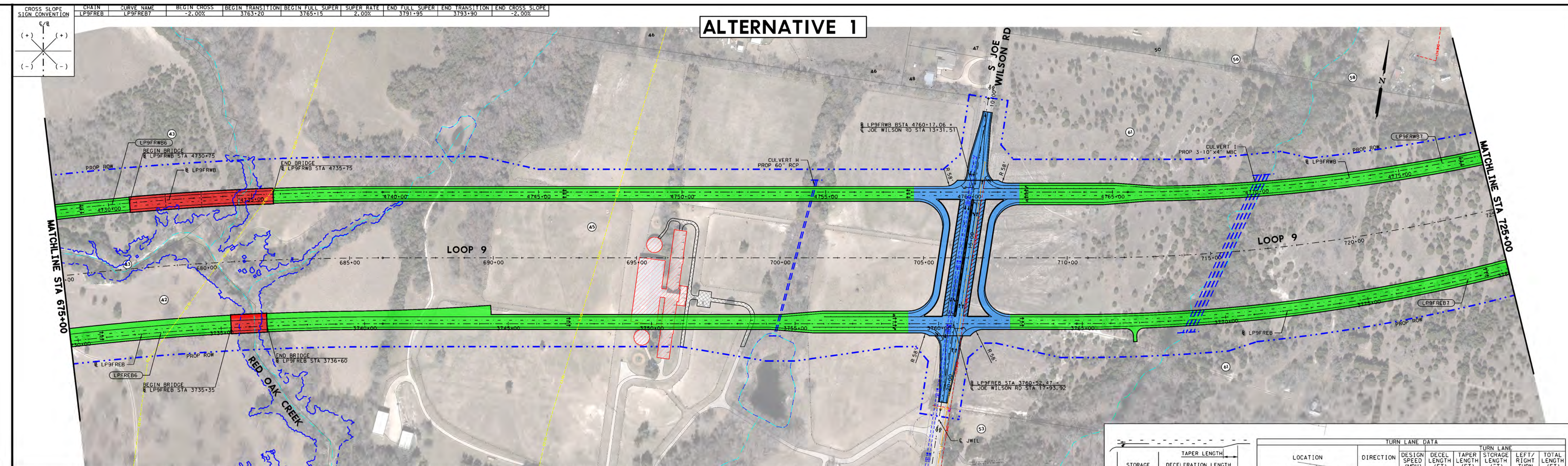
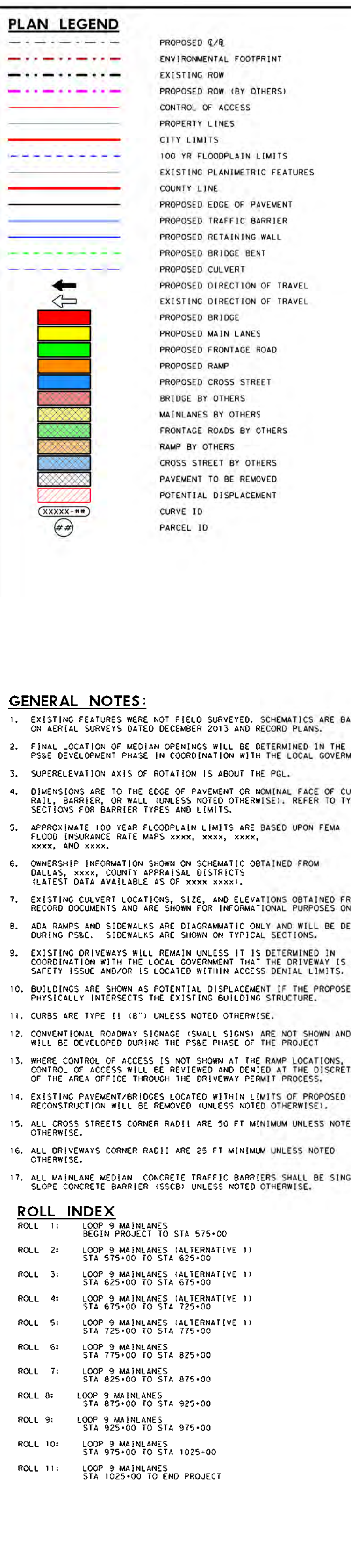
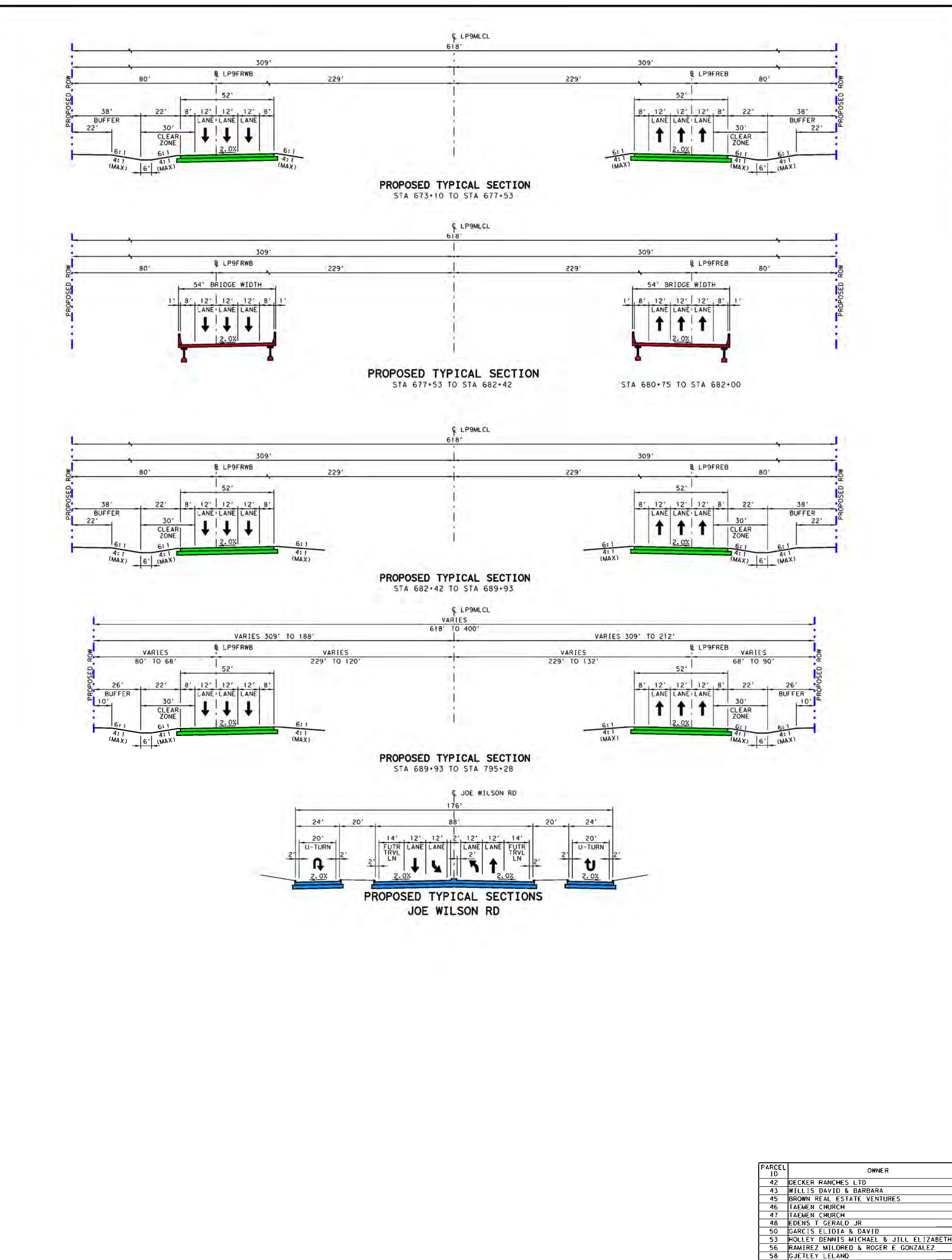
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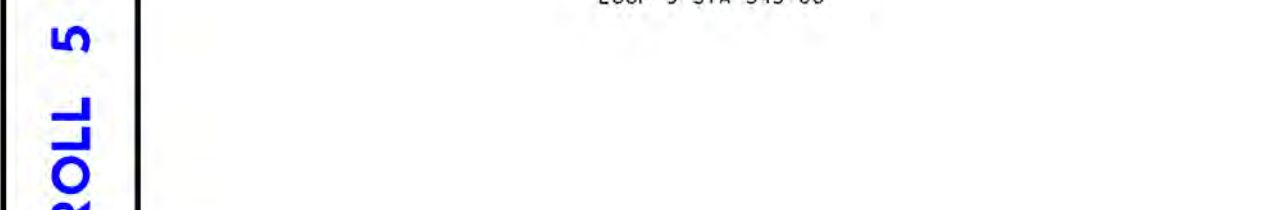
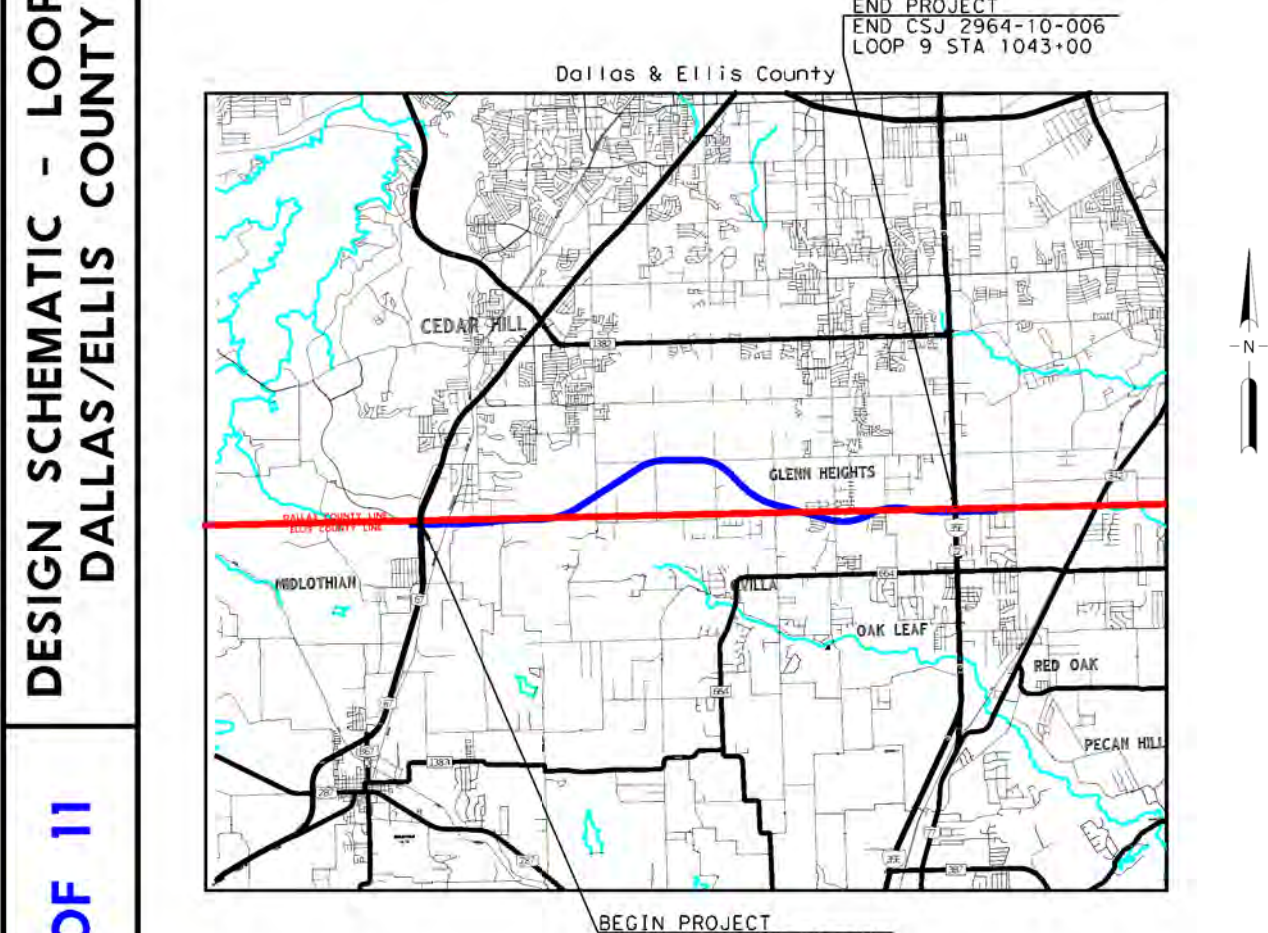
ROLL 3 OF 11

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COUNTY: DALLAS/ELLIS COUNTY DATE: FEBRUARY 2022
 DESIGN SCHEMATIC - LOOP 9 DALLAS/ELLIS COUNTY
 ROLL 4 OF 11
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COUNTY: DALLAS/ELLIS COUNTY DATE: FEBRUARY 2022
 DESIGN SCHEMATIC - LOOP 9 DALLAS/ELLIS COUNTY
 ROLL 4 OF 11
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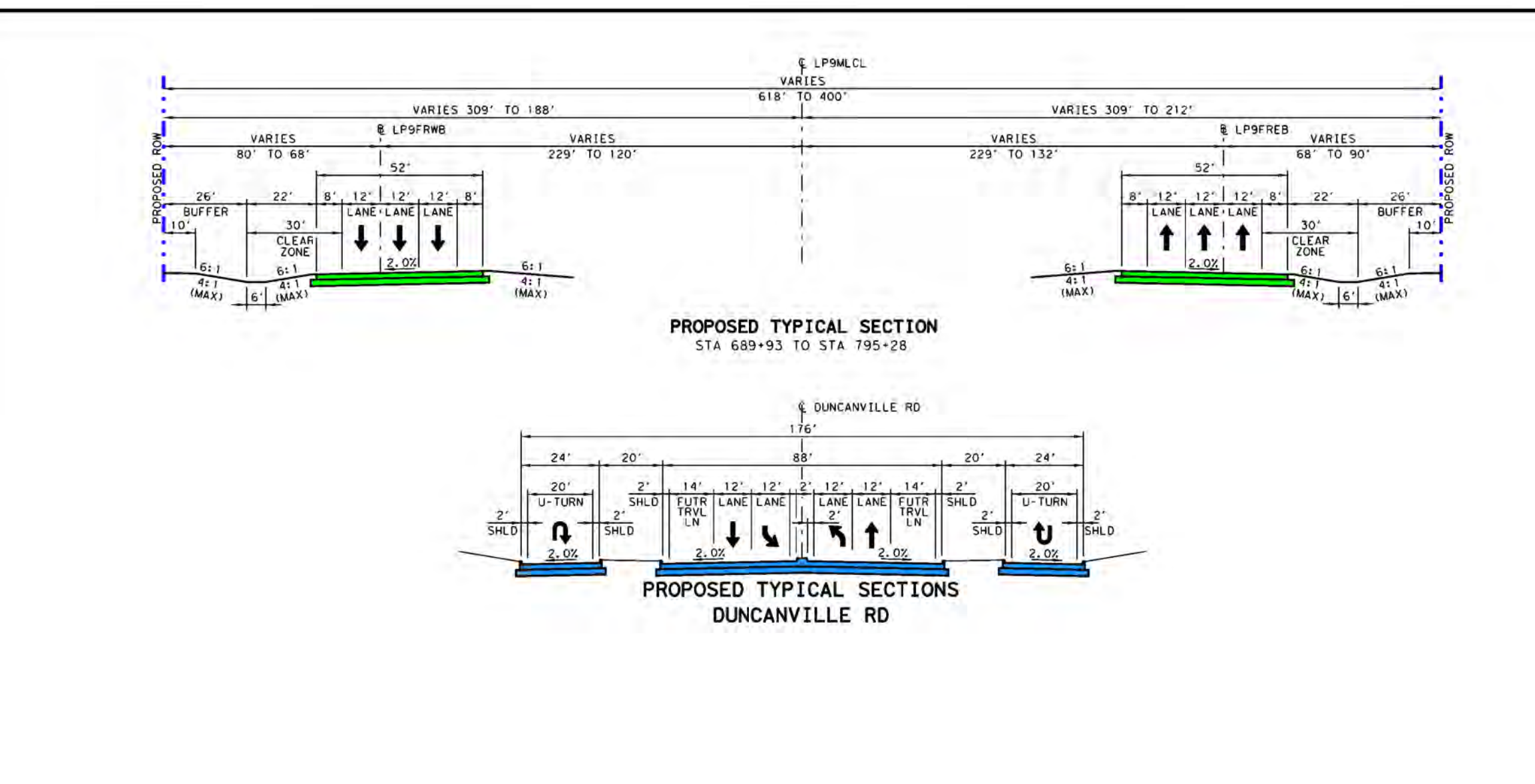
SCHMATIC PREPARED BY:
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 REGISTRATION NUMBER F-1046
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 Prepared by or under the
 direct supervision of:
 HOSEIN M. HOSSEINI, P.E., 118868
 COLTON A. GILL, P.E., 138563
 NAME 2/3/2022 P.E. NUMBER
 DATE

HORIZONTAL SCALE
 1" = 100'

VERTICAL SCALE
 1" = 20'

ROLL 5 OF 11

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ALTERNATIVE 1



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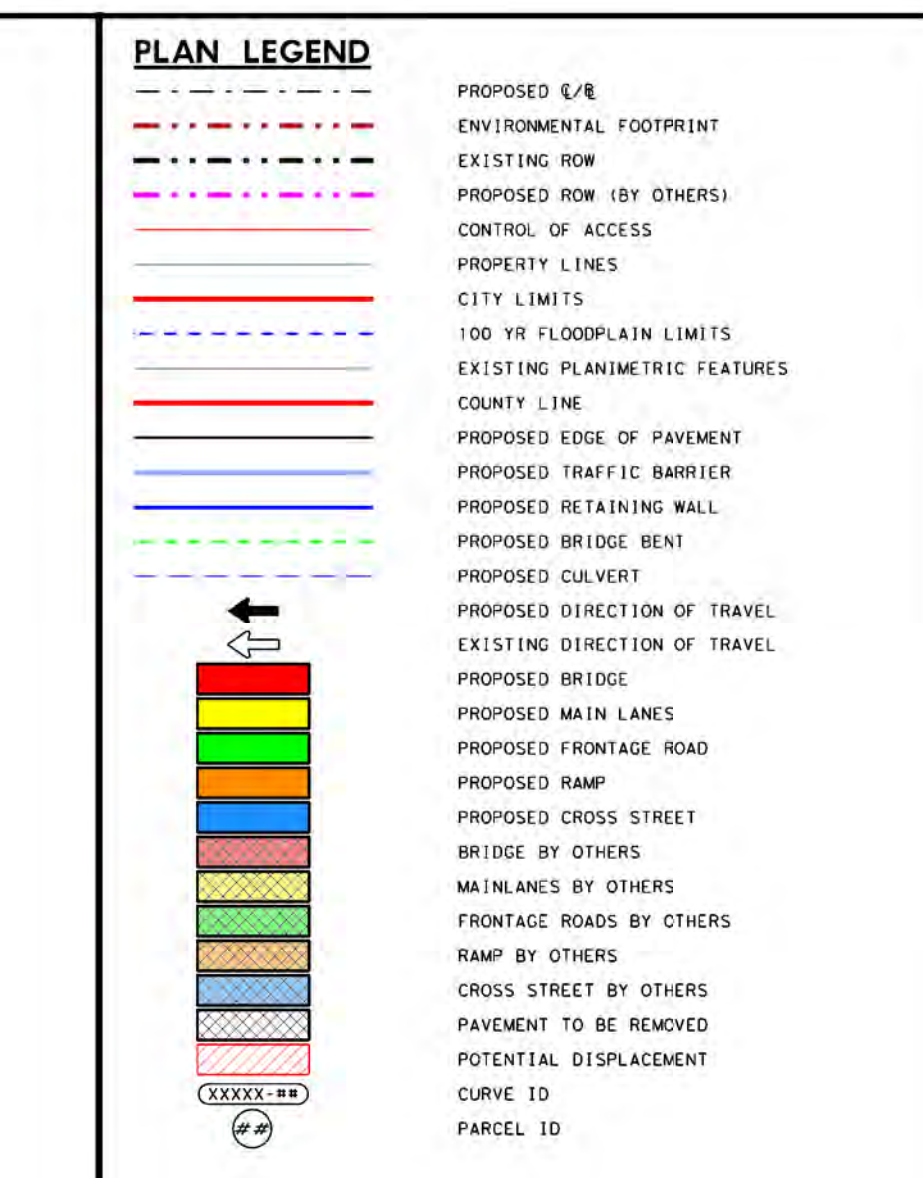
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ROLL 5 OF 11

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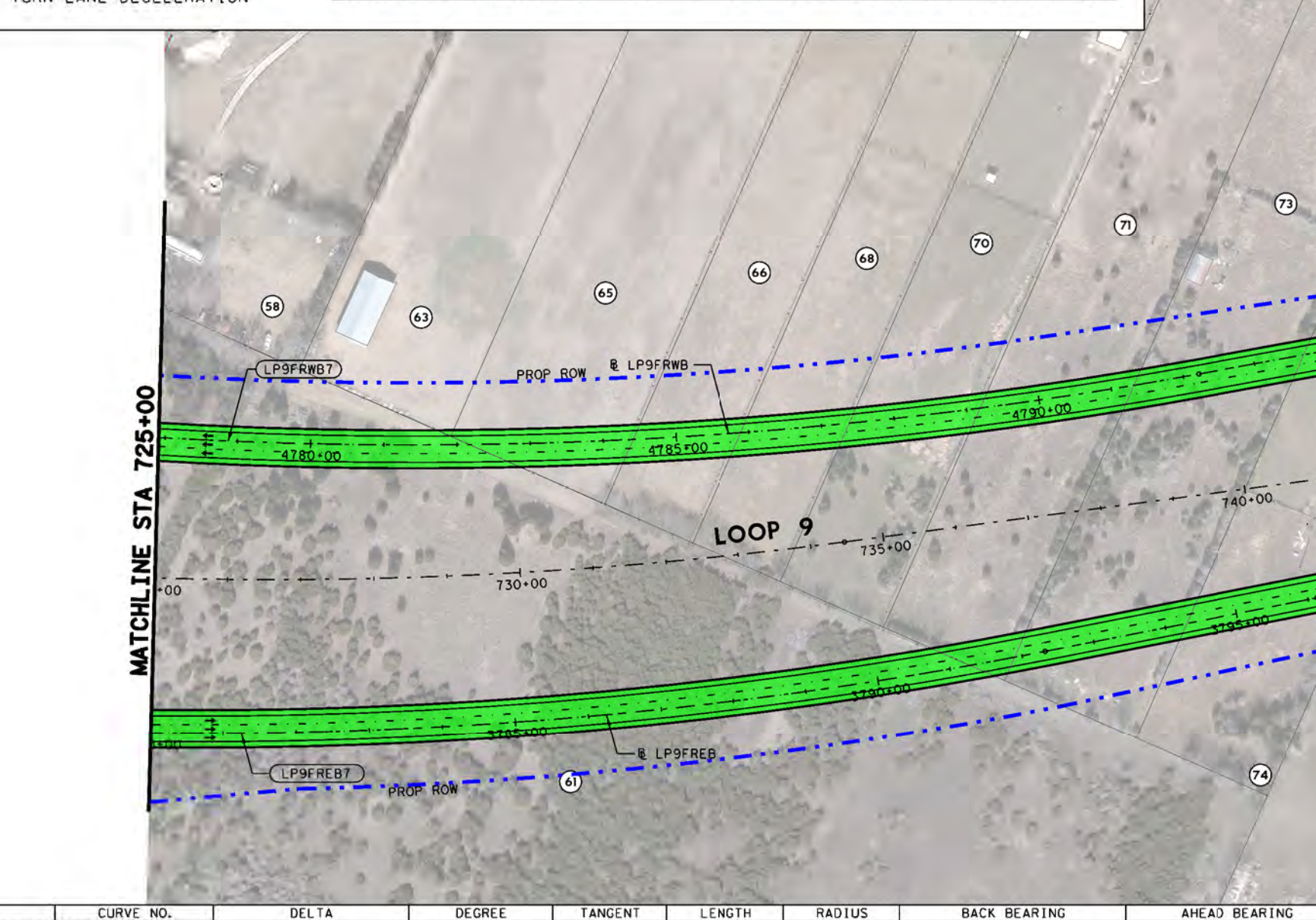
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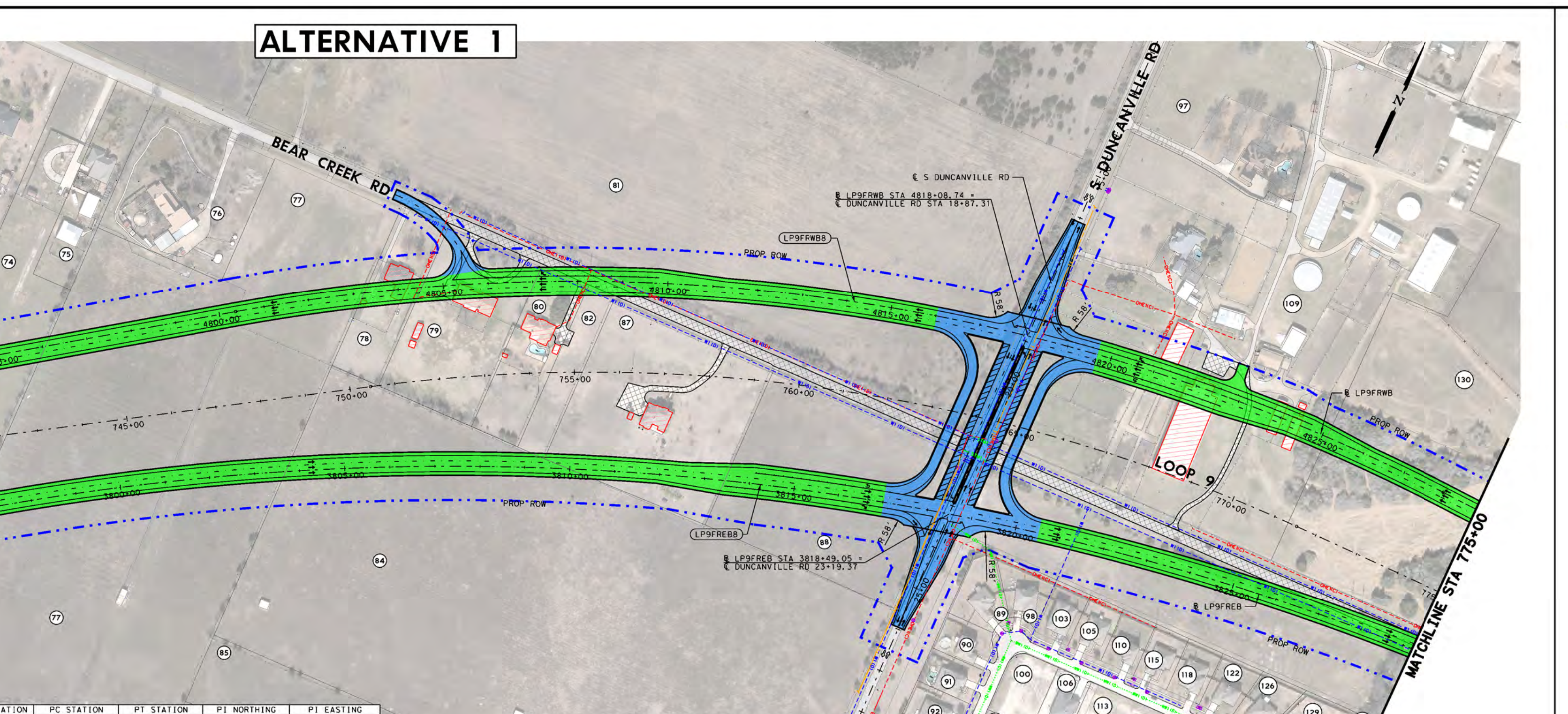
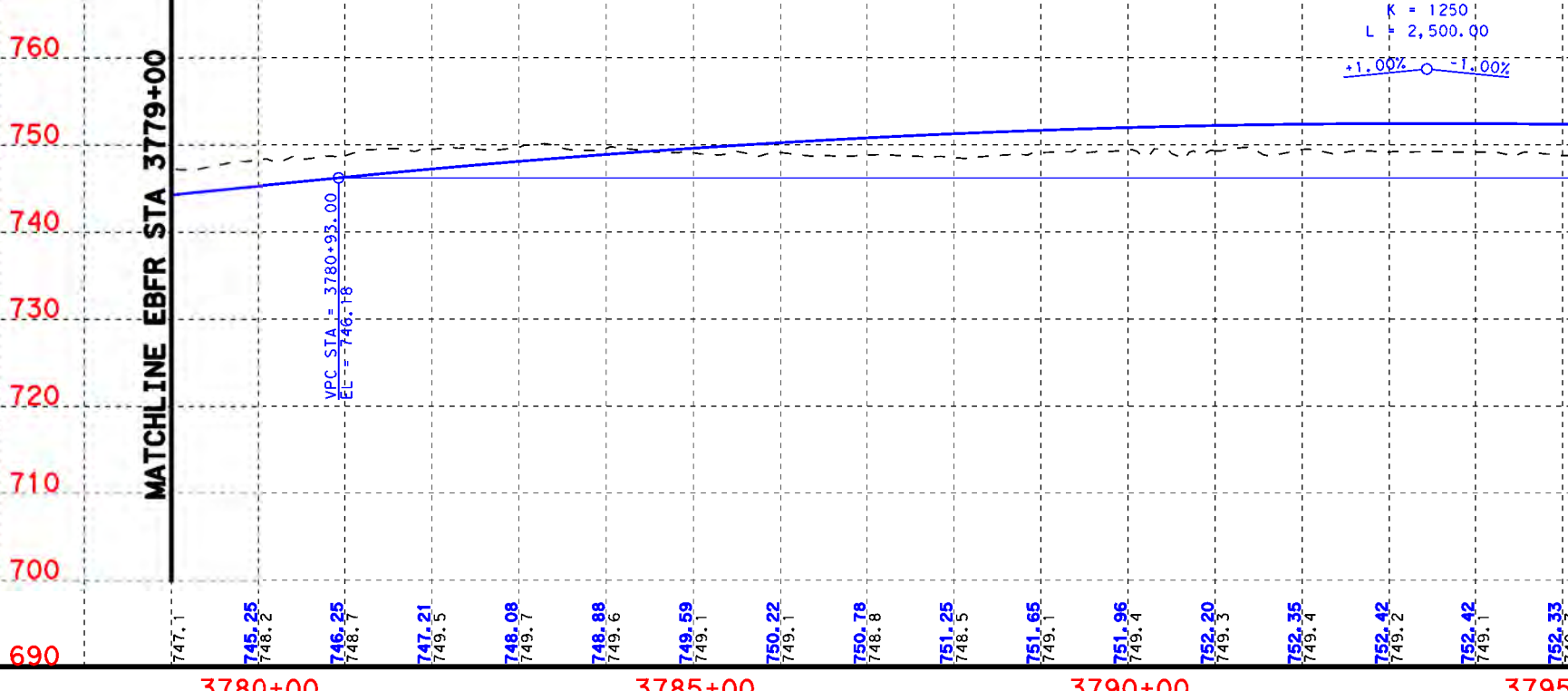
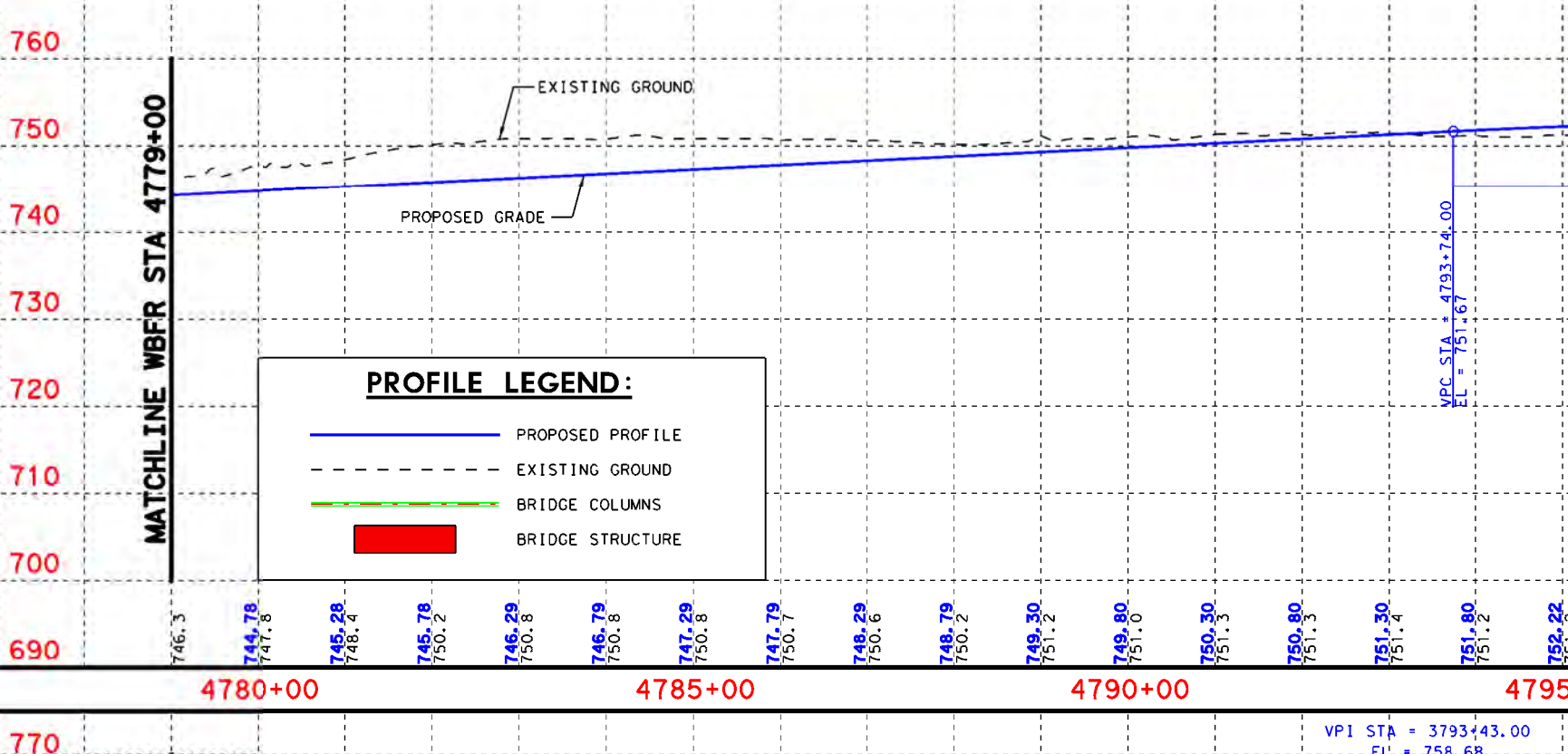
ROLL INDEX

- ROLL 11: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 675+00 TO STA 715+00
- ROLL 21: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 715+00 TO STA 825+00
- ROLL 31: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 875+00
- ROLL 41: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 875+00 TO STA 925+00
- ROLL 51: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 925+00 TO STA 975+00
- ROLL 61: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 975+00 TO STA 1025+00
- ROLL 71: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1025+00 TO END PROJECT

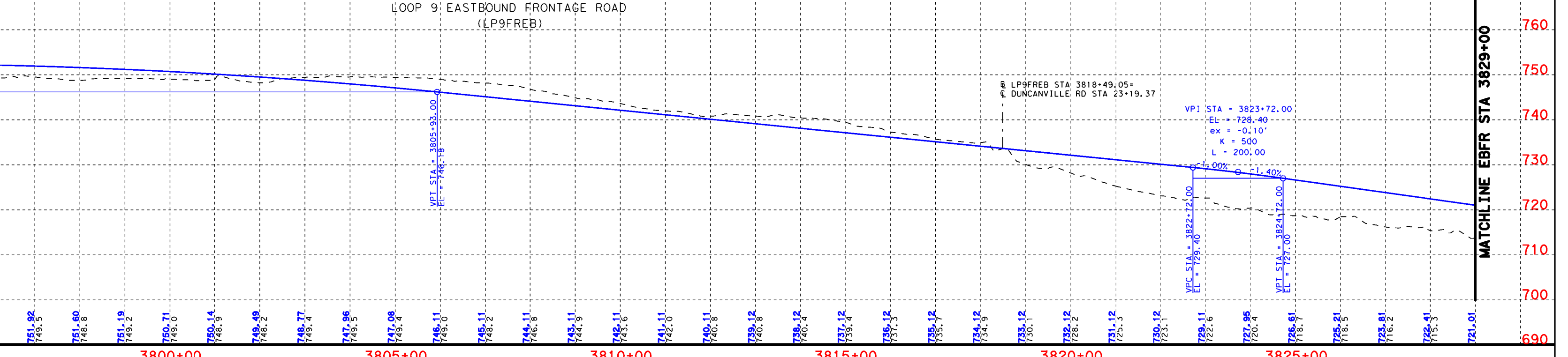
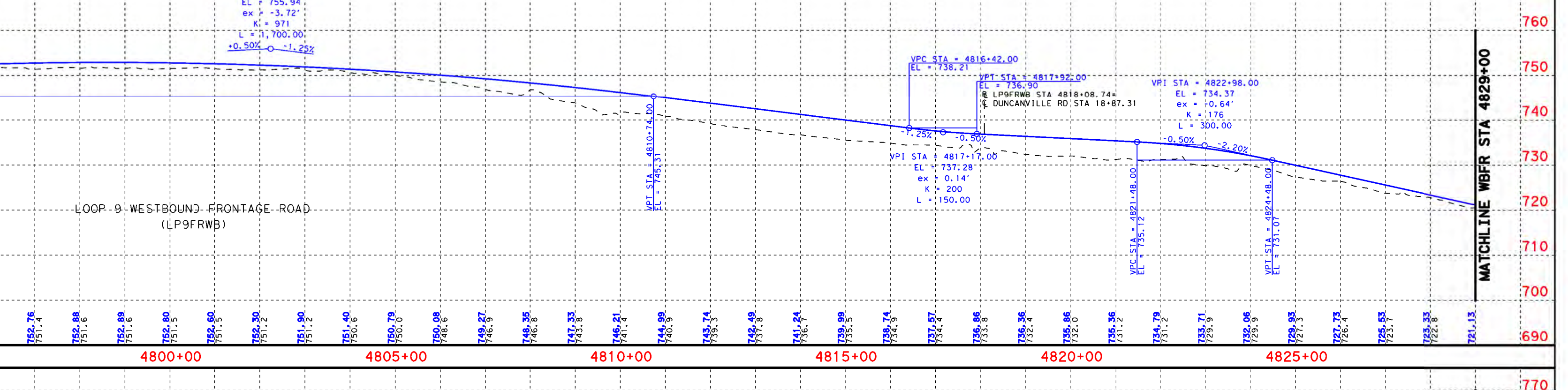
CHAIN	CURVE NAME	BEGIN CROSS-SLOPE	BEGIN TRANSITION	BEGIN FULL SUPER	END FULL SUPER	END TRANSITION	END CROSS-SLOPE
1+00.00	LP9FRWB	-2.00%	4788.85	2800.00	2797.50	4822.00	-2.00%
1+00.00	LP9FRWB	-2.00%	4788.85	2800.00	2797.50	4822.00	-2.00%



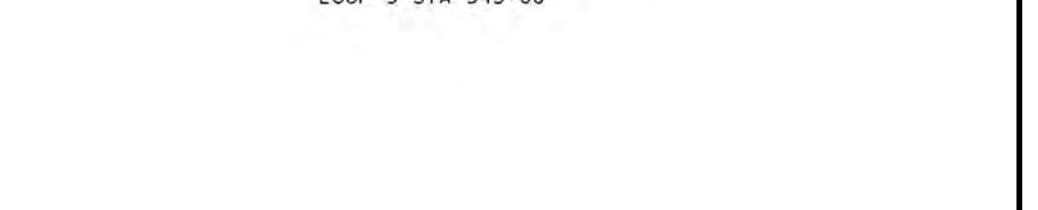
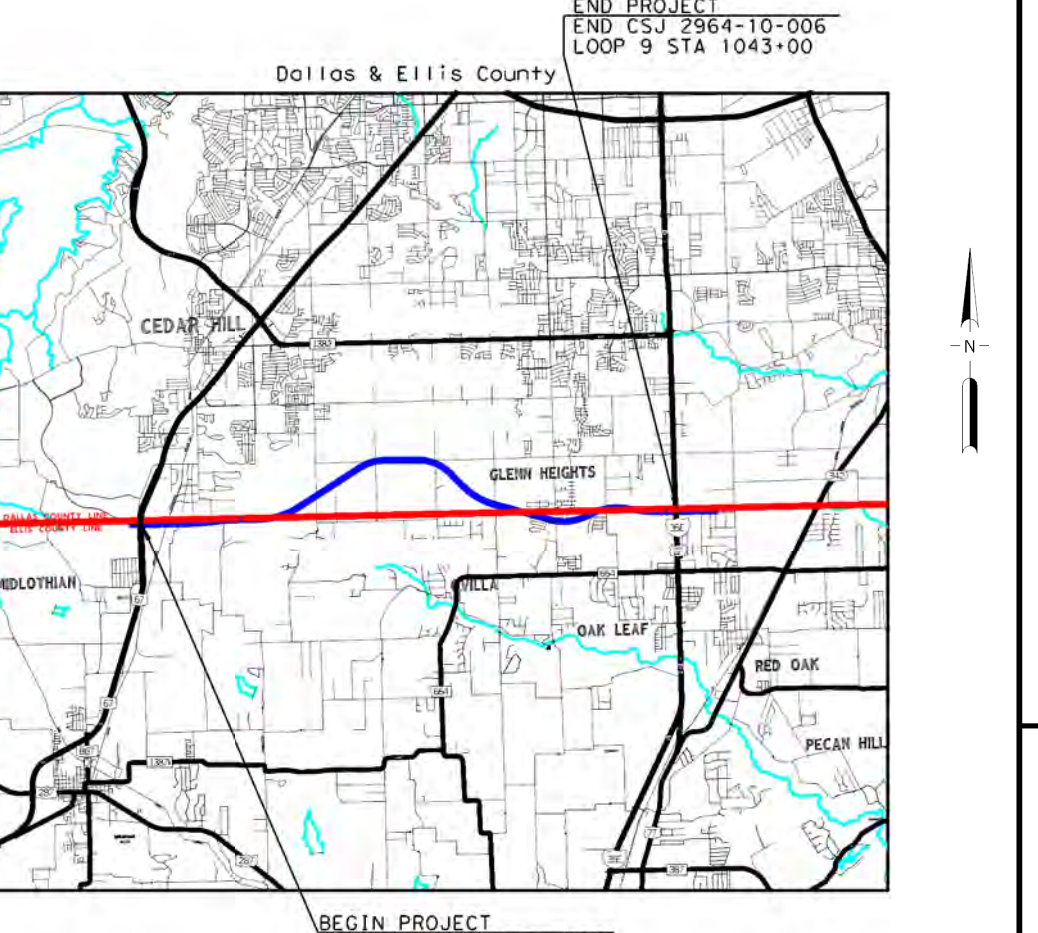
FRONTAGE ROADS	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION	PI NORTHING	PI EASTING
LOOP 9 EASTBOUND FRONTAGE RD	LP9FRWB	26° 16' 47.22" (LTI)	0° 57' 17.75"	1400.65'	2752.01'	6,000.00'	N 80° 28' 22.82" E	N 54° 11' 35.60" E	3778+80.81	3764+80.16	3792+32.18	6889513.164	2455763.659
LOOP 9 WESTBOUND FRONTAGE RD	LP9FRWB	35° 48' 24.40" (RTI)	0° 59' 16.29"	1873.73'	3624.69'	5,800.00'	Due East	3814+86.27	3796+12.54	3822+37.23	6891651.383	2458727.634	
LOOP 9 WESTBOUND FRONTAGE RD	LP9FRWB	25° 28' 55.18" (LTI)	0° 57' 17.75"	1356.61'	2668.47'	6,000.00'	N 54° 58' 27.65" E	N 80° 28' 22.82" E	4779+09.87	4792+21.66	4792+21.66	6889987.193	2455821.004
LOOP 9 WESTBOUND FRONTAGE RD	LP9FRWB	37° 40' 06.03" (RTI)	1° 21' 51.07"	1432.59'	2761.23'	4,200.00'	N 54° 58' 27.65" E	S 87° 20' 26.33" E	4814+69.01	4800+36.41	4827+97.65	6892054.834	2458772.915



FRONTAGE ROADS	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION	PI NORTHING	PI EASTING
LOOP 9 EASTBOUND FRONTAGE RD	LP9FRWB	26° 16' 47.22" (LTI)	0° 57' 17.75"	1400.65'	2752.01'	6,000.00'	N 80° 28' 22.82" E	N 54° 11' 35.60" E	3778+80.81	3764+80.16	3792+32.18	6889513.164	2455763.659
LOOP 9 WESTBOUND FRONTAGE RD	LP9FRWB	35° 48' 24.40" (RTI)	0° 59' 16.29"	1873.73'	3624.69'	5,800.00'	Due East	3814+86.27	3796+12.54	3822+37.23	6891651.383	2458727.634	
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LOOP 9 WESTBOUND FRONTAGE RD	LP9FRWB	37° 40' 06.03" (RTI)	1° 21' 51.07"	1432.59'	2761.23'	4,200.00'	N 54° 58' 27.65" E	S 87° 20' 26.33" E	4814+69.01	4800+36.41	4827+97.65	6892054.834	2458772.915



ALTERNATIVE 1



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ROLL 5 OF 11

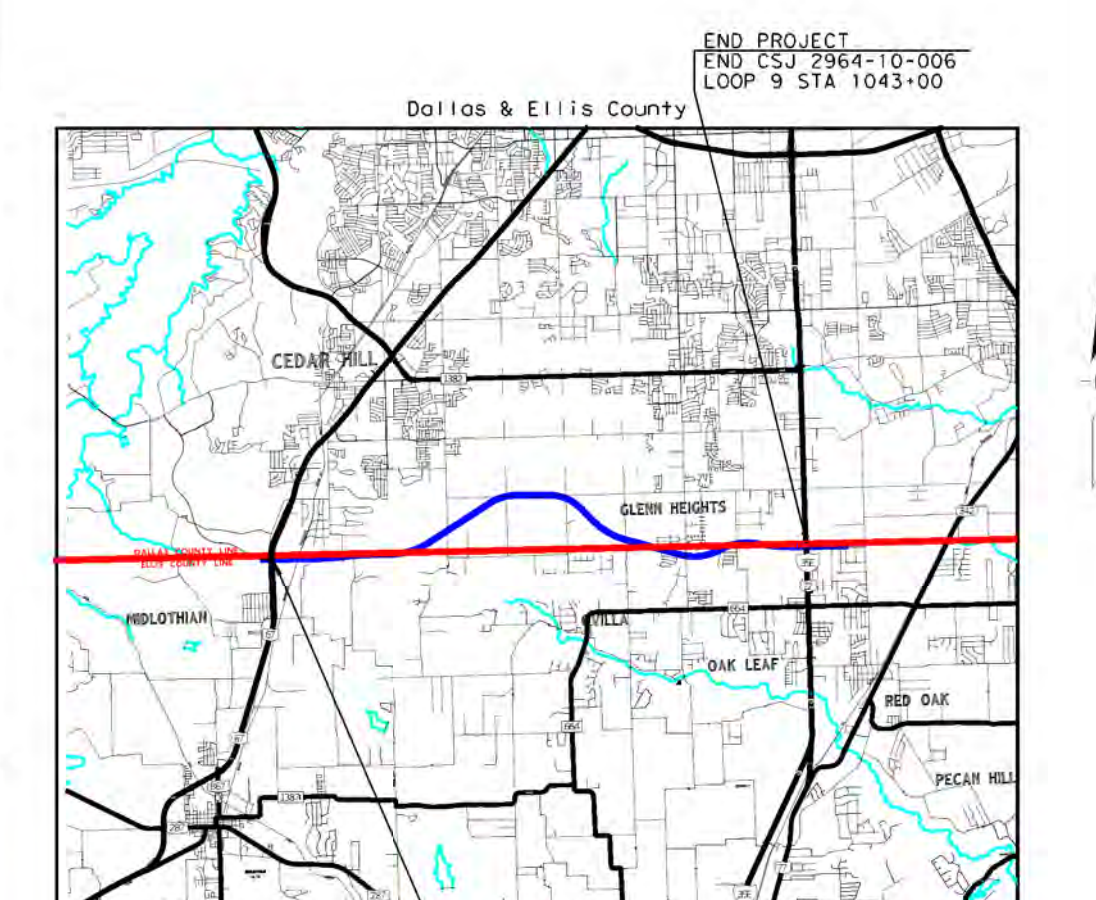
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DALLAS DISTRICT
 MOHAMED K. BUR, P.E., DISTRICT ENGINEER
 DESIGN SCHEMATIC
LOOP 9
 DALLAS & ELLIS COUNTIES
 CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
 Project Length = 9.4 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (URBAN FREEWAY)	70 MPH
RAMP AND TRANSITION (URBAN FREEWAY)	60 MPH
DIRECT CONNECTOR (URBAN FREEWAY)	45 MPH
FRONTAGE ROADS (URBAN COLLECTOR)	40 MPH
CROSS STREETS	40 MPH
U-TURNS (URBAN COLLECTOR)	25 MPH



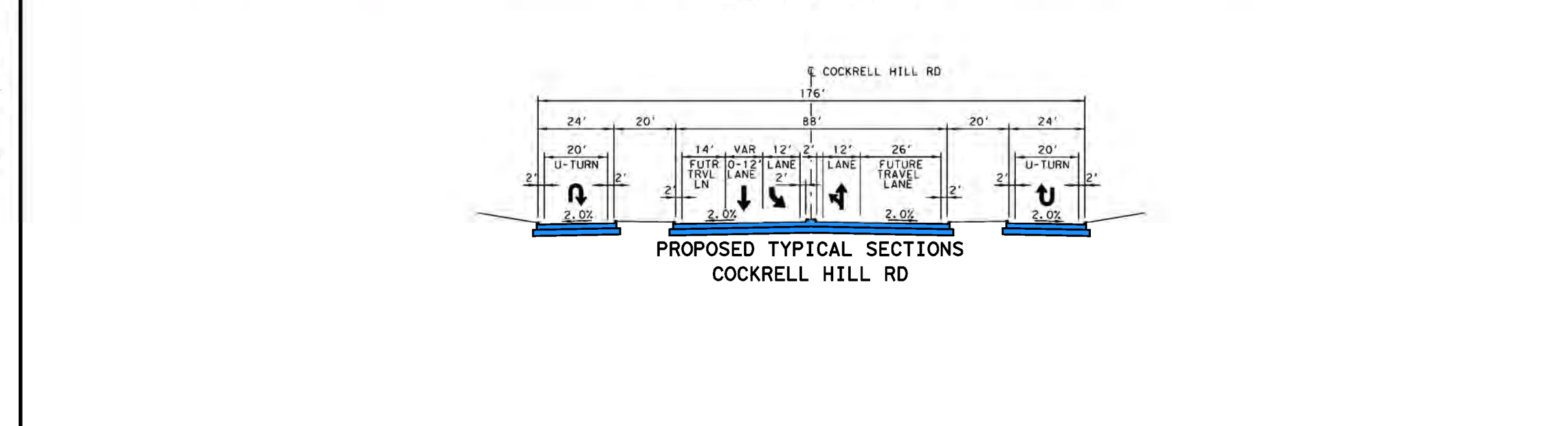
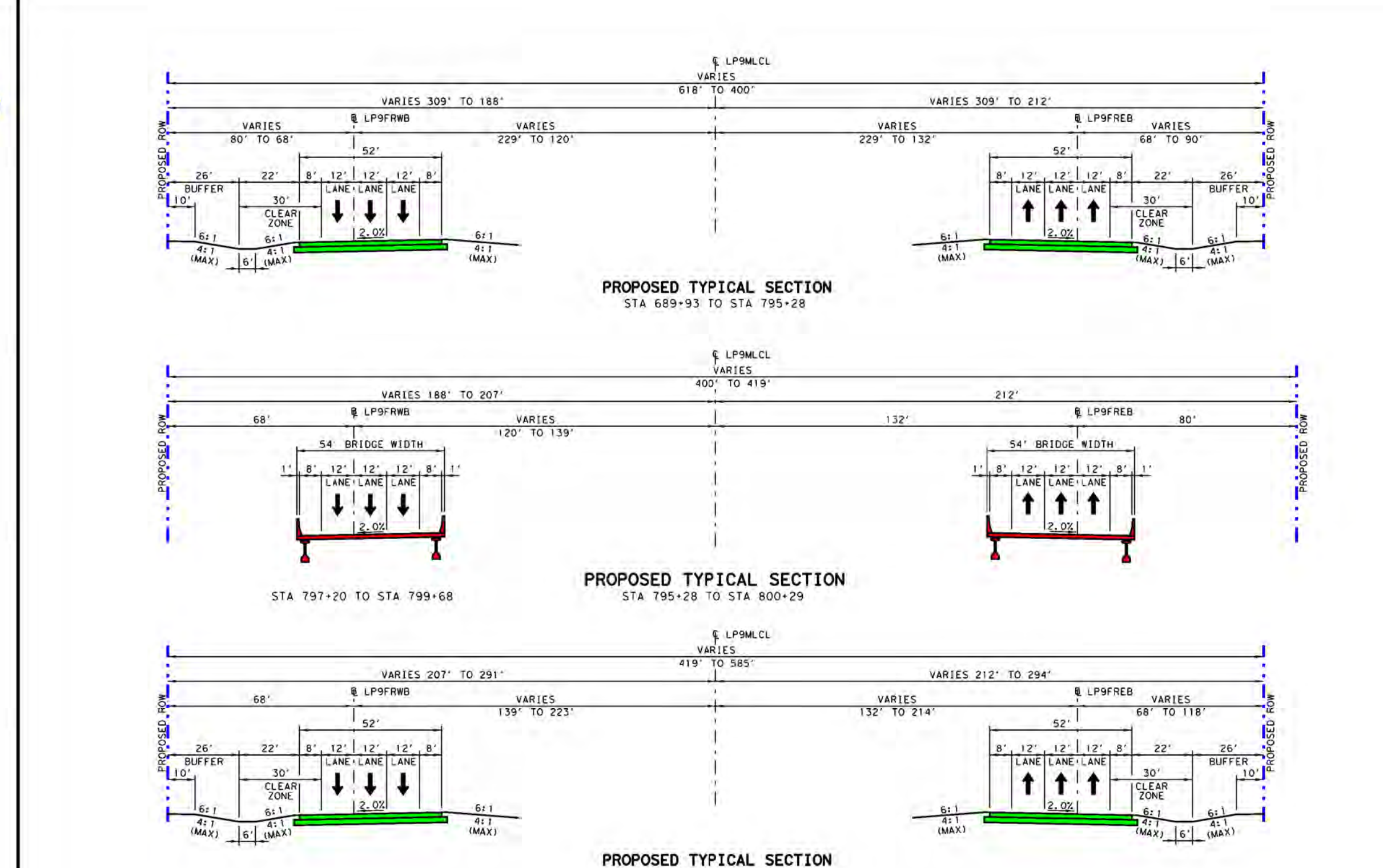
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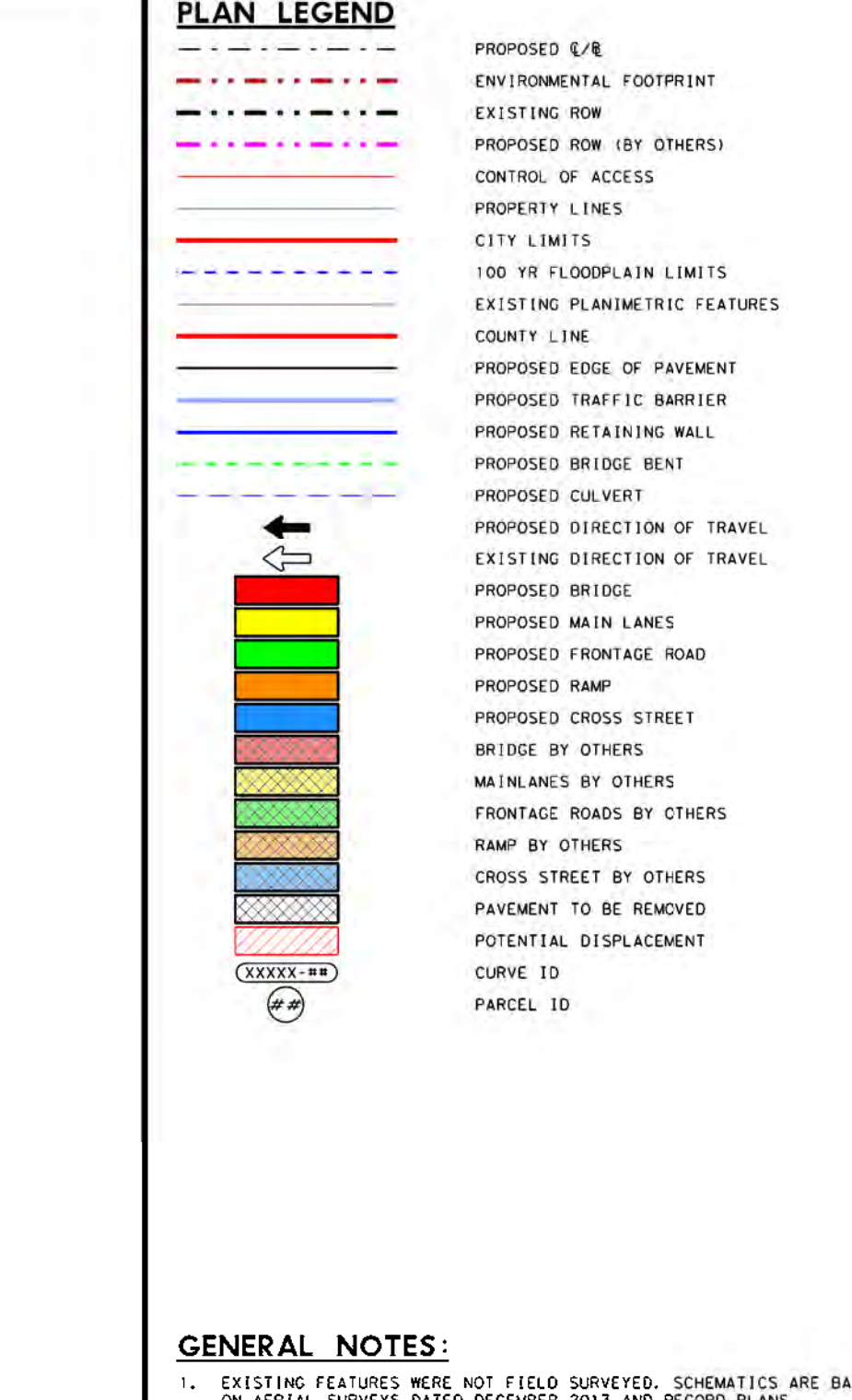
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 Date: 2/3/2022

ROLL 6 OF 11

BGE, Inc. 2505 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046



PARCEL ID	OWNER	PARCEL ID	OWNER	PARCEL ID	OWNER
130	KIATTI SHAMROO	168	WHEATON WATSON	212	BOJIC BEHRENS LTD
134	BEAR CREEK RANCH HOMEOWNERS ASSN	169	FINLEY JAMES O	213	BOJIC BEHRENS LTD
136	KIATTI SHAMROO	170	LAMONDUS USA INC	602	SI ASSOCIATES LLC
137	WILSON MARY C	171	GARCIA J & ROSA S JUCCENA	603	SI ASSOCIATES LLC
139	BEAR CREEK RANCH HOMEOWNERS ASSO	172	WILSON ROBERT R JR	604	SI ASSOCIATES LLC
140	TAYLOR MARY A	173	WATSON TEE ANNIE	605	SI ASSOCIATES LLC
141	MARQUEL COLON D	174	TATE BRIAN	606	SI ASSOCIATES LLC
142	BEAR CREEK RANCH HOMEOWNERS ASSN	175	VANHOSS DENNIS ALLEN	607	SI ASSOCIATES LLC
143	WILSON MARY C	176	TORRES MIKE	608	SI ASSOCIATES LLC
144	WILSON MARY C	177	WILSON MARY C	609	SI ASSOCIATES LLC
145	WILSON MARY C	178	TAIPISLON REWINDING & INVESTMENTS LLC	610	SI ASSOCIATES LLC
146	WILSON MARY C	179	HART ROBERT L	611	SI ASSOCIATES LLC
147	WILSON MARY C	180	PARSONS FAMILY TRUST	612	SI ASSOCIATES LLC
148	WILSON MARY C	181	WILSON ROBERT R	613	SI ASSOCIATES LLC
149	WILSON MARY C	182	CARROLL JIM M & TERRY	614	SI ASSOCIATES LLC
150	WILSON MARY C	183	WILSON ROBERT R	615	SI ASSOCIATES LLC
151	WILSON MARY C	184	PERKINS MICHAEL & TAMAR L PERCY BURTON & ANNA	616	SI ASSOCIATES LLC
152	WILSON MARY C	185	MILLER CASEY	617	SI ASSOCIATES LLC
153	WILSON MARY C	186	HARRARD EDWARD D	618	SI ASSOCIATES LLC
154	WILSON MARY C	187	HARRARD EDWARD D	619	SI ASSOCIATES LLC
155	WILSON MARY C	188	SMITH JACQ W	620	SI ASSOCIATES LLC
156	WILSON MARY C	189	SMITH JACQ W	621	SI ASSOCIATES LLC
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254	WILSON MARY C	287	SI ASSOCIATES LLC	719	SI ASSOCIATES LLC
255	WILSON MARY C	288	SI ASSOCIATES LLC	720	SI ASSOCIATES LLC



- GENERAL NOTES:**
- EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 2013 AND RECORD PLANS.
 - FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
 - SUPERELEVATION AXIS OF ROTATION IS ABOUT THE POL.
 - DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR MINIMAL FACE OF CURB, RAIL, BARRIER, OR WALL UNLESS NOTED OTHERWISE. REFER TO TYPICAL SECTIONS FOR BARRIER TYPES AND LIMITS.
 - APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS XXXX, XXXX, XXXX.
 - ONSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS COUNTY APPRAISAL DISTRICTS. LATEST DATA AVAILABLE AS OF XXXX, XXXX.
 - EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. LATEST DATA AVAILABLE AS OF XXXX, XXXX.
 - SEE RAMP AND SIDEWALKS ARE DIAGNOSTIC ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
 - EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS.
 - BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
 - CURBS ARE TYPE II (A) UNLESS NOTED OTHERWISE.
 - CONVENTIONAL ROADWAY STORAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
 - WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVIEWED AND CANCELED AT THE DISCRETION OF THE AREA OFFICE THROUGH THE DRIVEWAY PERMIT PROCESS.
 - EXISTING PAVEMENT/RODES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE.
 - ALL CROSS STREETS CORNER RADII ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
 - ALL DRIVEWAYS CORNER RADII ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
 - ALL MAINLANE MEDIUM CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE CONCRETE BARRIER (SSCB) UNLESS NOTED OTHERWISE.

ROLL INDEX

ROLL 1: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 575+00 TO STA 725+00

ROLL 2: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 725+00 TO STA 825+00

ROLL 3: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 925+00

ROLL 4: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 925+00 TO STA 1025+00

ROLL 5: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1025+00 TO STA 1125+00

ROLL 6: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1125+00 TO STA 1225+00

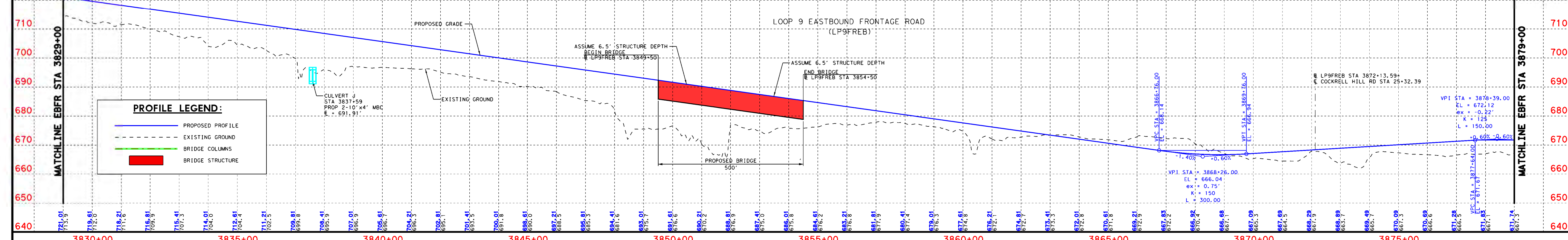
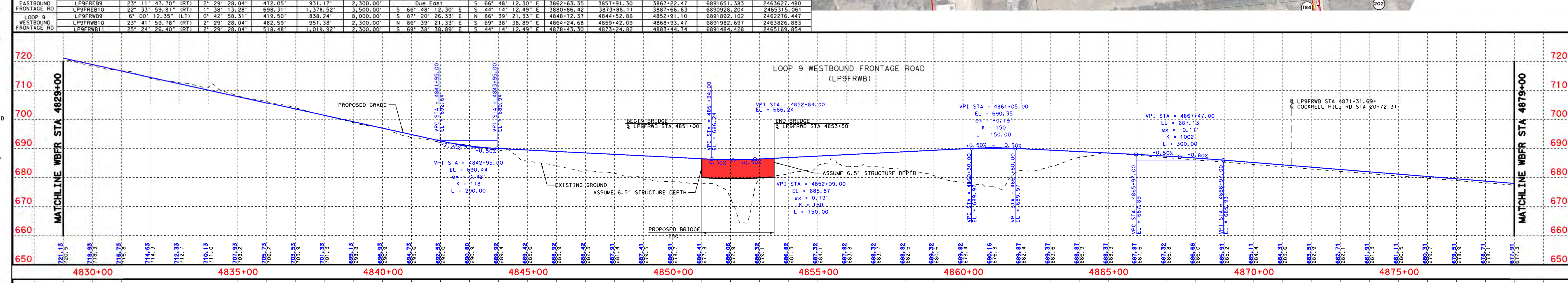
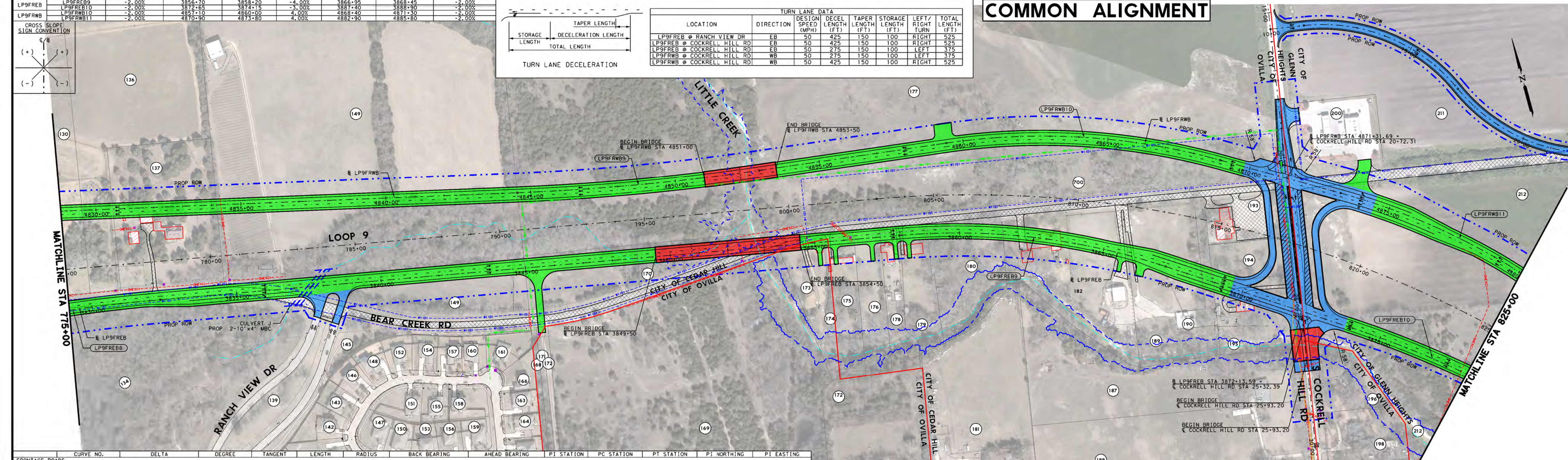
ROLL 7: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1225+00 TO STA 1325+00

ROLL 8: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1325+00 TO STA 1425+00

ROLL 9: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1425+00 TO STA 1525+00

ROLL 10: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1525+00 TO STA 1625+00

ROLL 11: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1625+00 TO END PROJECT

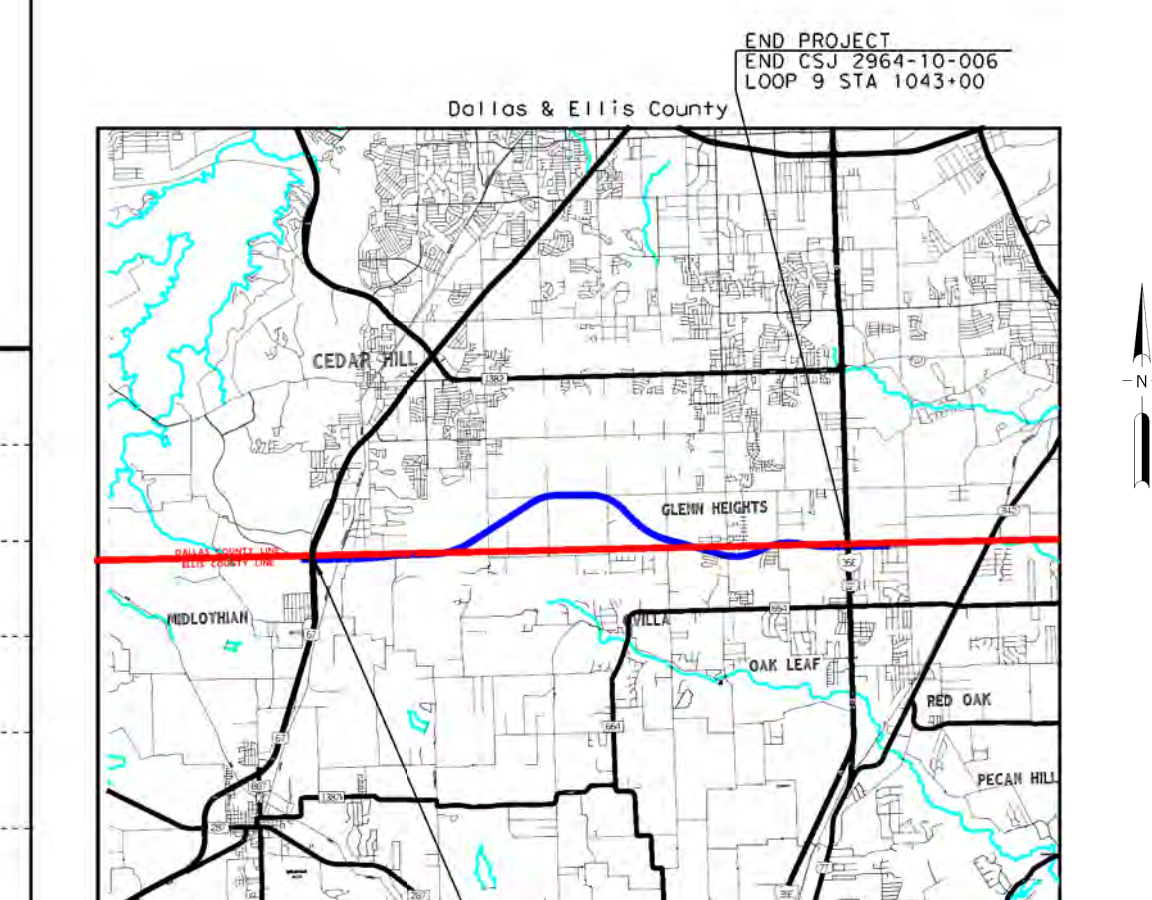


DALLAS DISTRICT
 MOHAMED K. BUR, P.E., DISTRICT ENGINEER
 DESIGN SCHEMATIC
LOOP 9
 DALLAS & ELLIS COUNTIES
 CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
 Project Length = 9.4 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (URBAN FREEWAY)	70 MPH
RAMP AND TRANSITION (URBAN FREEWAY)	60 MPH
DIRECT CONNECTOR (URBAN FREEWAY)	45 MPH
FRONTAGE ROADS (URBAN COLLECTOR)	40 MPH
CROSS STREETS	40 MPH
U-TURNS (URBAN COLLECTOR)	25 MPH



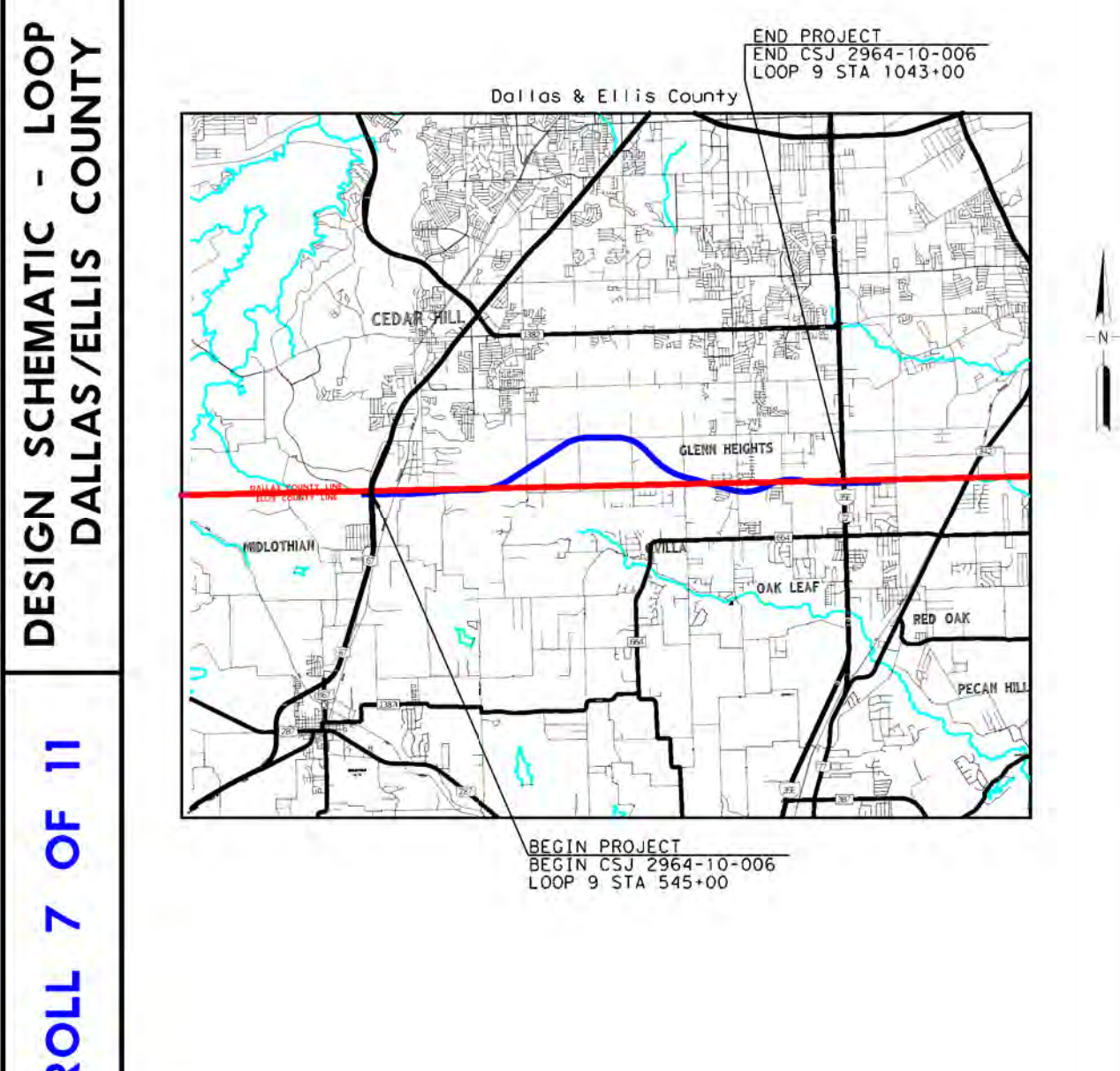
60% DRAFT
 PRELIMINARY, SUBJECT TO CHANGE WITHOUT NOTICE

PRELIMINARY
 SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

Schematic Prepared By: BGE, Inc.
 Registration Number F-1046
 Prepared by or under the direct supervision of: COLTON A. GILL, P.E., 138563
 Name: COLTON A. GILL, P.E., 138563
 Date: 2/3/2022

ROLL 6 OF 11

BGE, Inc. 2505 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046



60% DRAFT
 PRELIMINARY, SUBJECT TO CHANGE WITHOUT NOTICE

PRELIMINARY
 SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

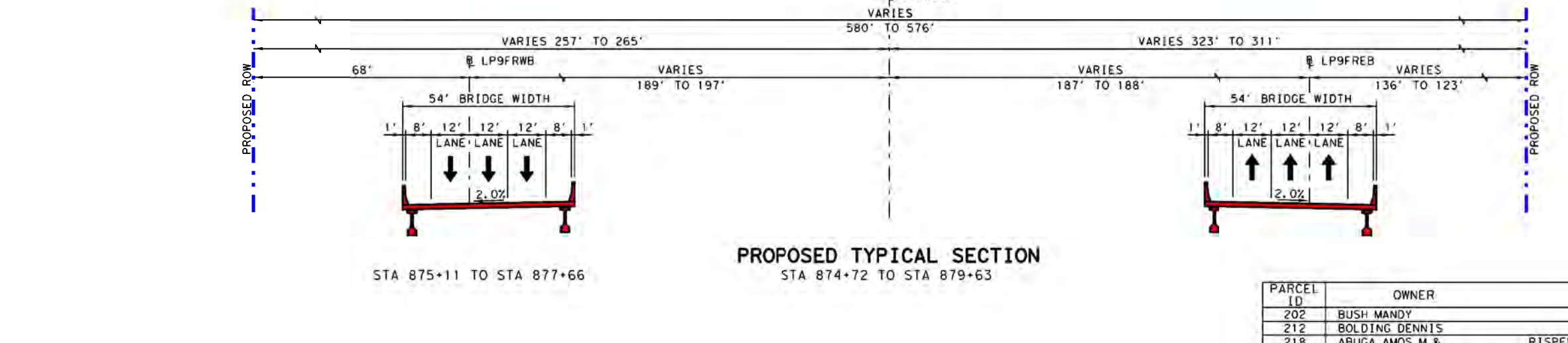
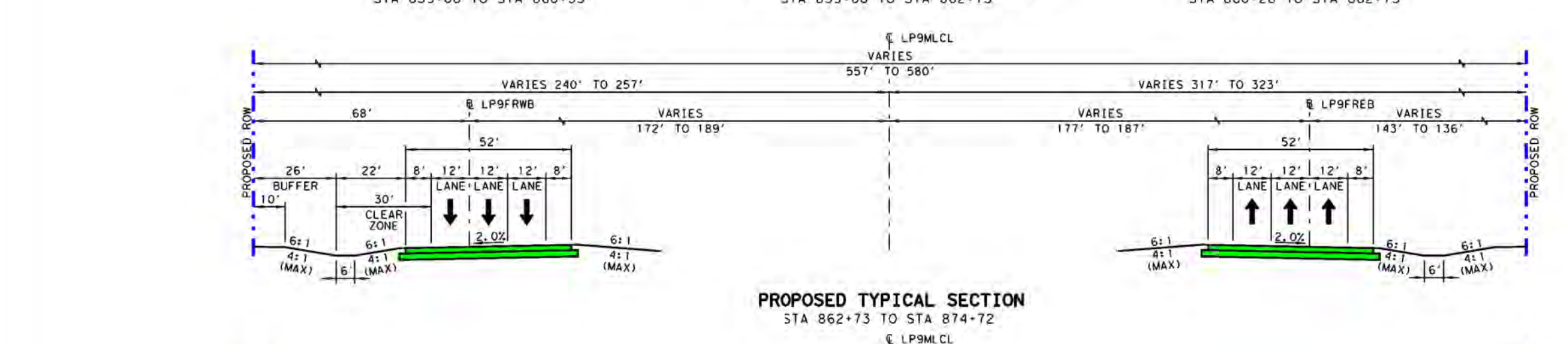
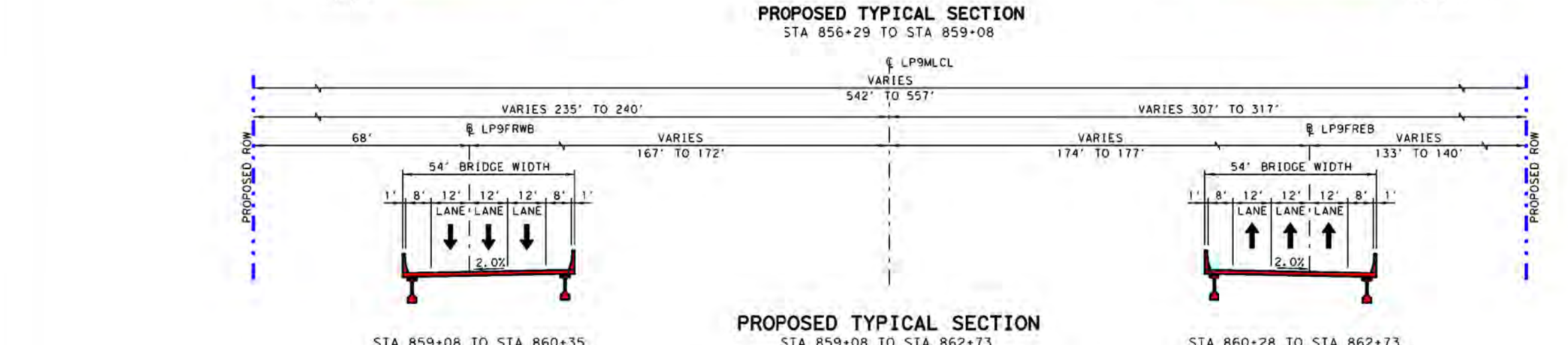
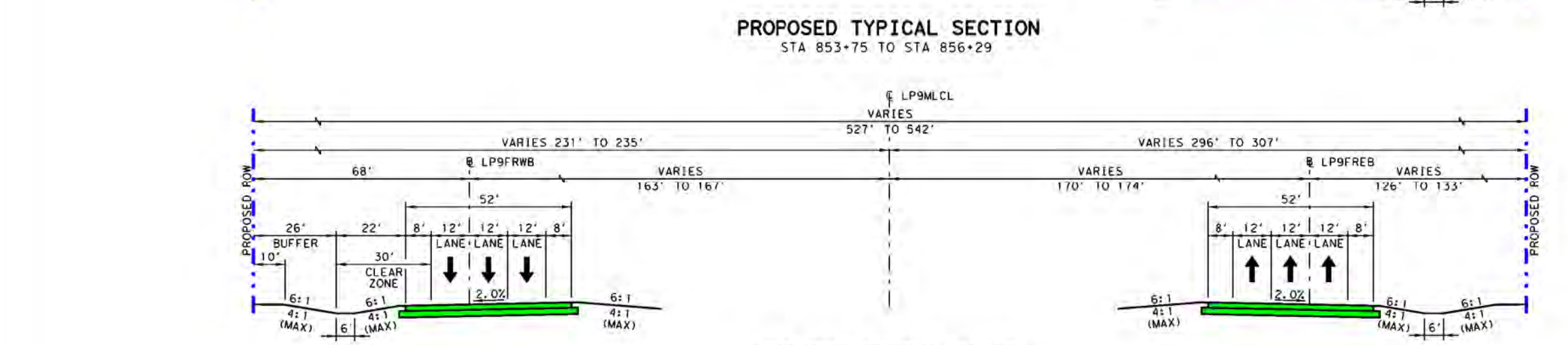
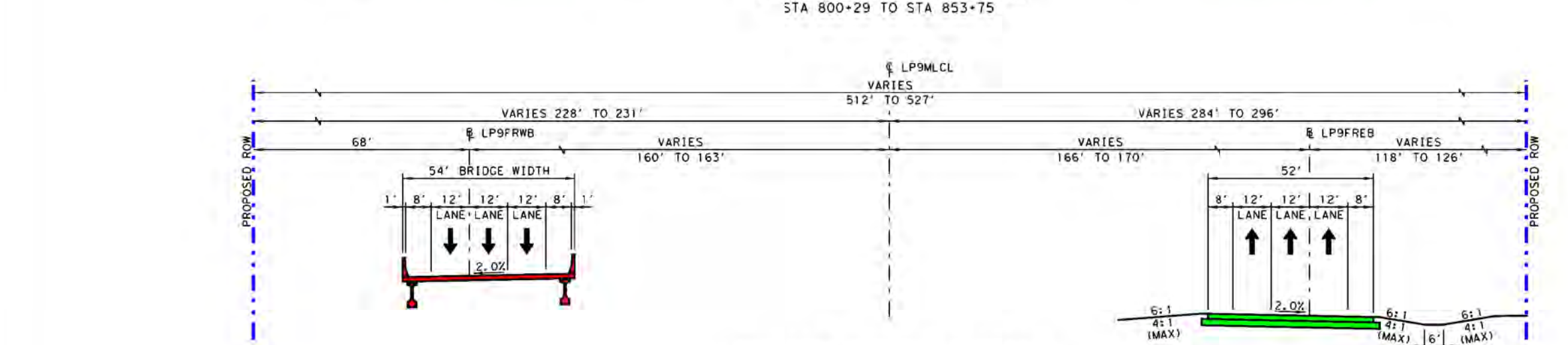
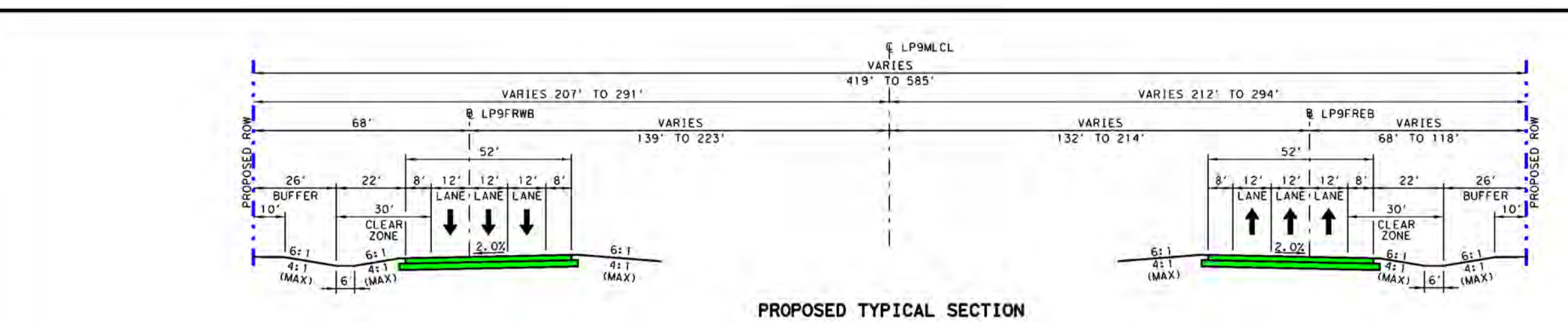
Schematic Prepared By: BGE, Inc.
 Registration Number F-1046
 For Interim Review Only, Not For Permitting, Bidding or Construction.

Prepared by or under the direct supervision of:
 Hossein M. Hosseini, P.E., 118668
 Colton A. Gill, P.E., 138563
 Name: 2/3/2022 P.E. Number: DATE

Horizontal Scale: 1" = 100'
 Vertical Scale: 1" = 20'

ROLL 7 OF 11

BGE, Inc. 2509 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046



PARCEL	OWNER
202	NEHRU MANNY
203	NEHRU MANNY
218	ABDUL BAKI
219	ABDUL BAKI
221	YOUNG RICHARD
222	YOUNG RICHARD
223	YOUNG RICHARD
224	YOUNG RICHARD
225	YOUNG RICHARD
226	YOUNG RICHARD
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228	YOUNG RICHARD
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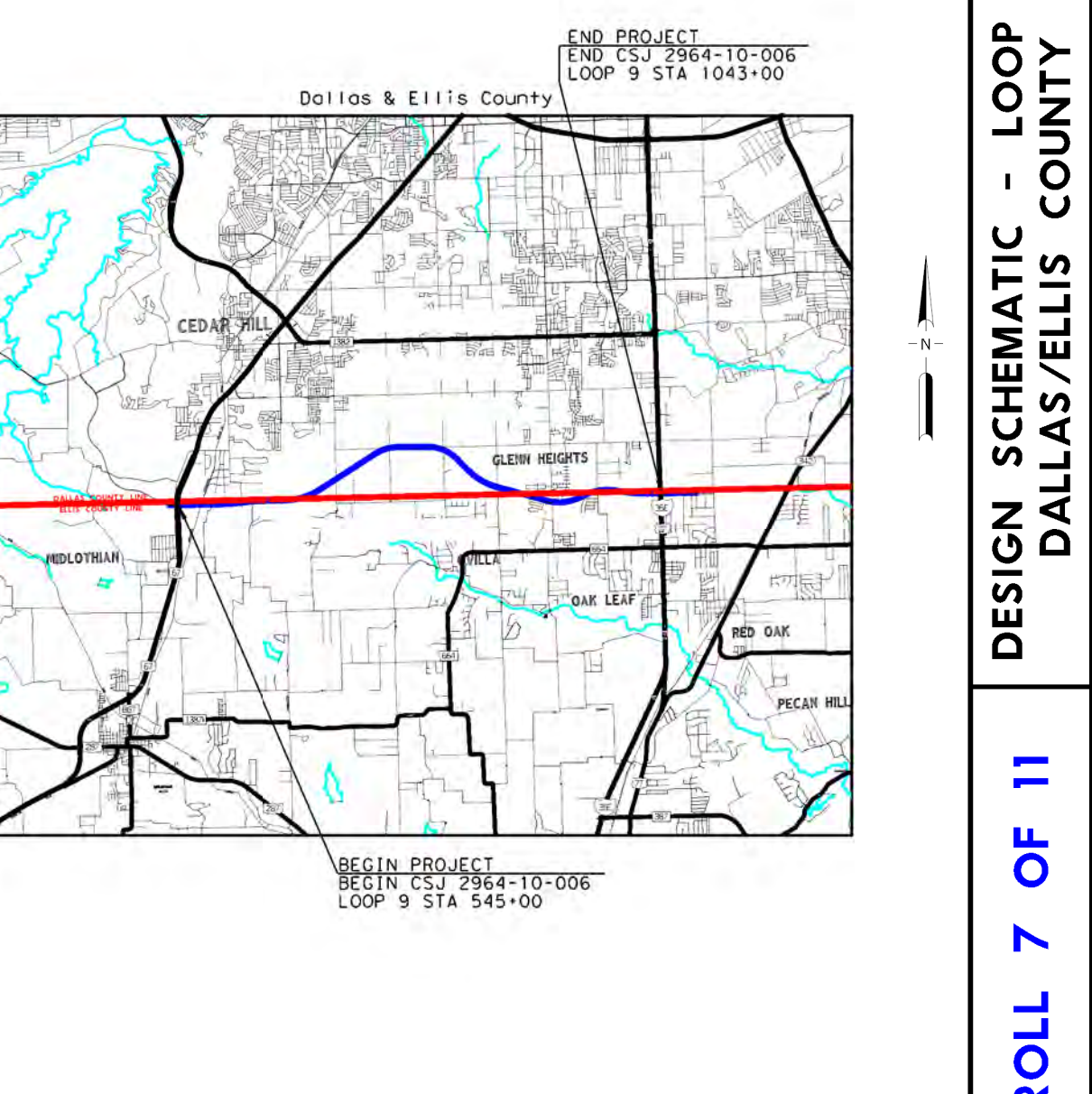
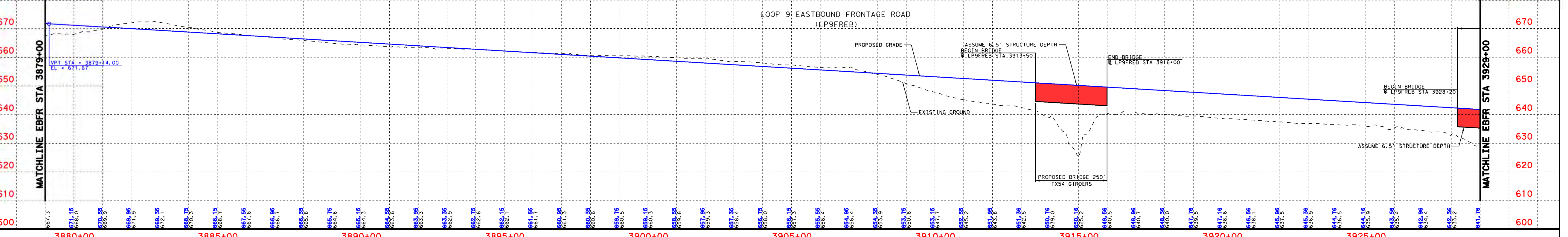
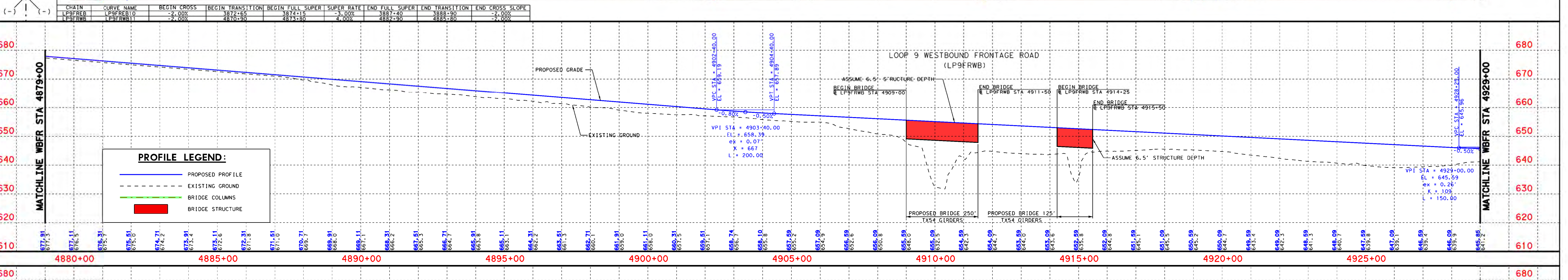
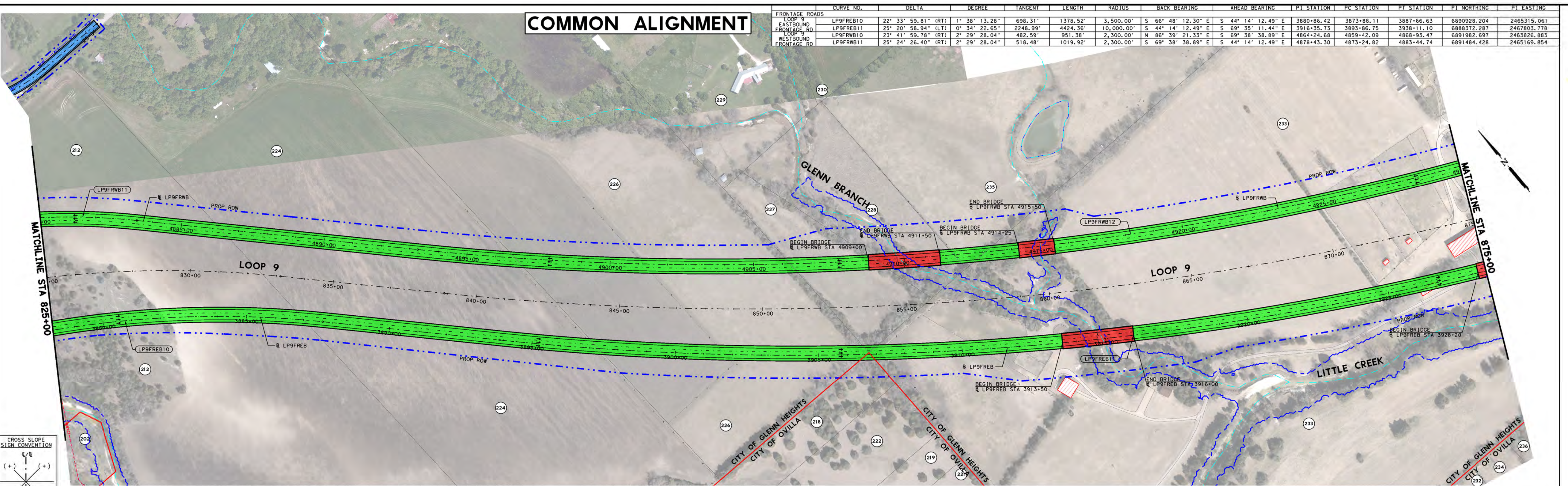
PLAN LEGEND

- ENVIRONMENTAL FOOTPRINT
- EXISTING ROW (BY OTHERS)
- CONTROL OF ACCESS
- PROPERTY LINES
- CITY LIMITS
- 100 YR FLOODPLAIN LIMITS
- EXISTING PLANNIMETRIC FEATURES
- COUNTY LINE
- PROPOSED EDGE OF PAVEMENT
- PROPOSED TRAFFIC BARRIER
- PROPOSED RETAINING WALL
- PROPOSED BRIDGE BENT
- PROPOSED CULVERT
- PROPOSED DIRECTION OF TRAVEL
- EXISTING DIRECTION OF TRAVEL
- PROPOSED BRIDGE
- PROPOSED MAIN LANES
- PROPOSED FRONTAGE ROAD
- PROPOSED RAMP
- PROPOSED CROSS STREET
- BRIDGE BY OTHERS
- MAINLANES BY OTHERS
- FRONTAGE ROADS BY OTHERS
- RAMP BY OTHERS
- CROSS STREET BY OTHERS
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

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- ROLL 4: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 725+00 TO STA 725+00
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- ROLL 6: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 825+00
- ROLL 7: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 875+00 TO STA 875+00
- ROLL 8: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 925+00 TO STA 925+00
- ROLL 9: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 975+00 TO STA 975+00
- ROLL 10: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1025+00 TO STA 1025+00
- ROLL 11: LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1075+00 TO END PROJECT



60% DRAFT
 PRELIMINARY, SUBJECT TO CHANGE WITHOUT NOTICE

PRELIMINARY
 SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

Schematic Prepared By: BGE, Inc.
 Registration Number F-1046
 For Interim Review Only, Not For Permitting, Bidding or Construction.

Prepared by or under the direct supervision of:
 Hossein M. Hosseini, P.E., 118668
 Colton A. Gill, P.E., 138563
 Name: 2/3/2022 P.E. Number: DATE

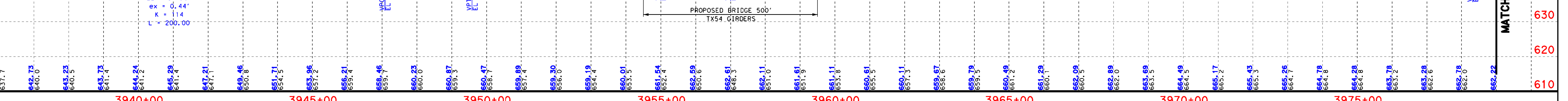
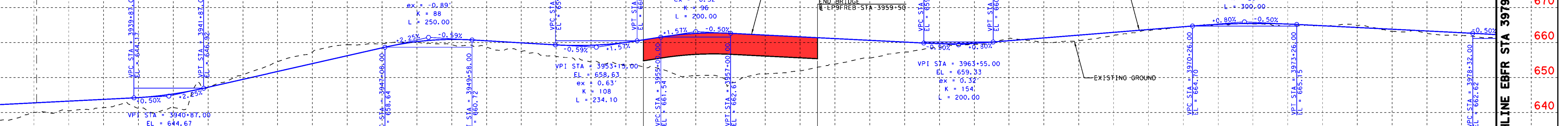
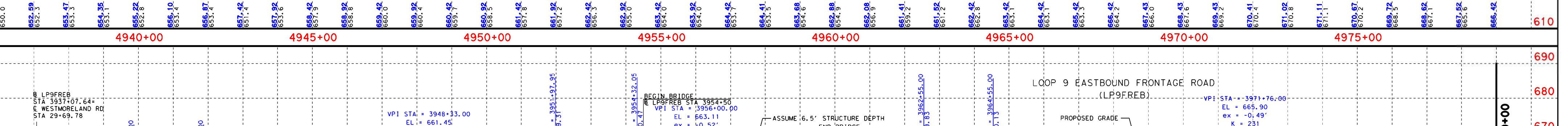
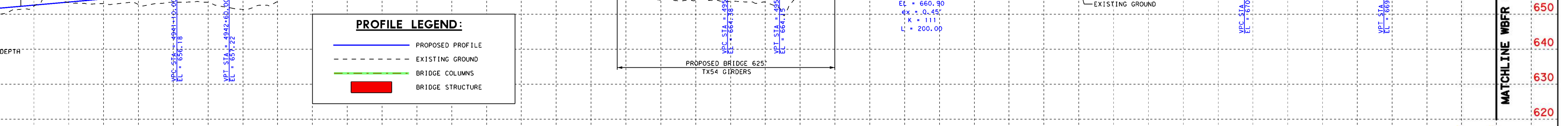
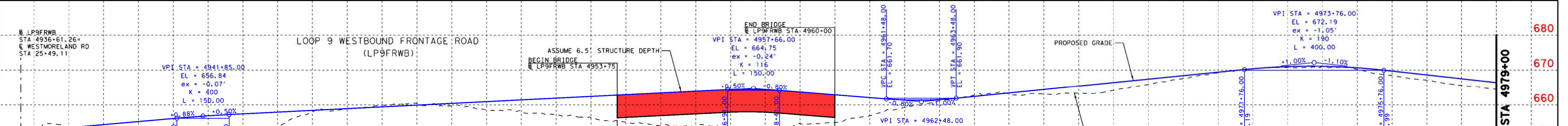
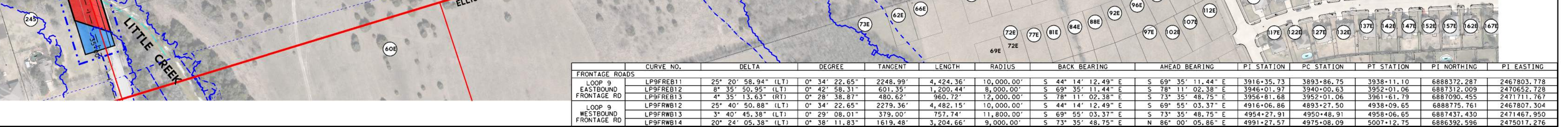
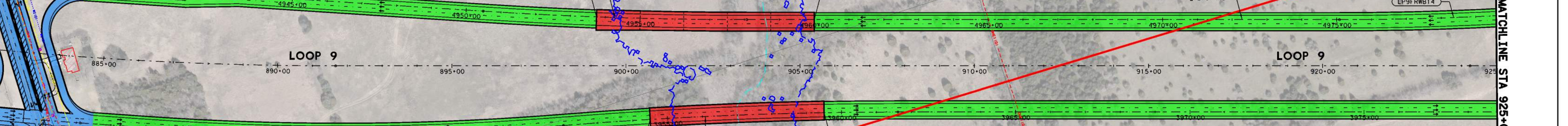
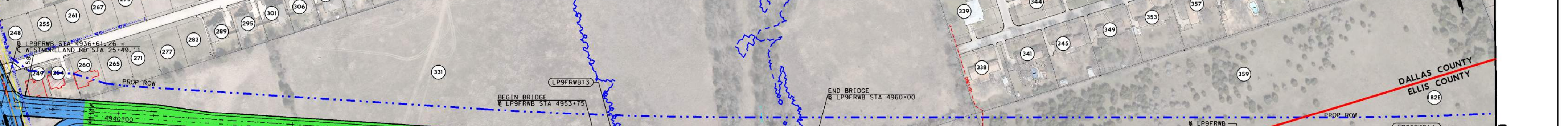
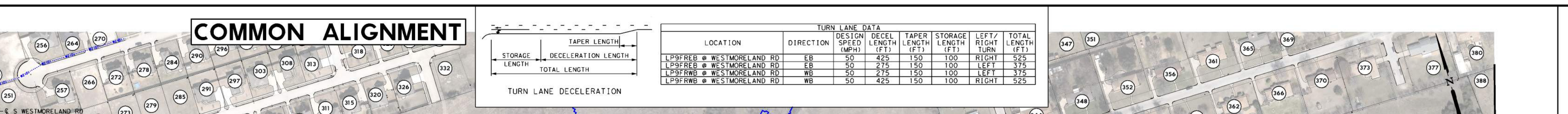
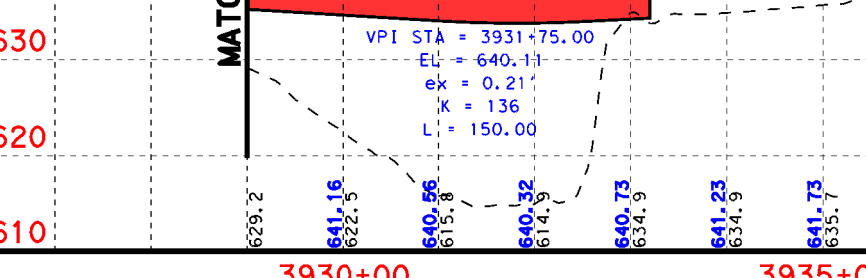
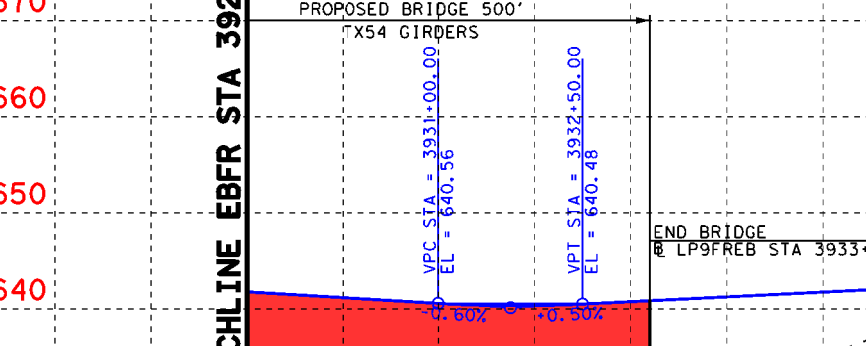
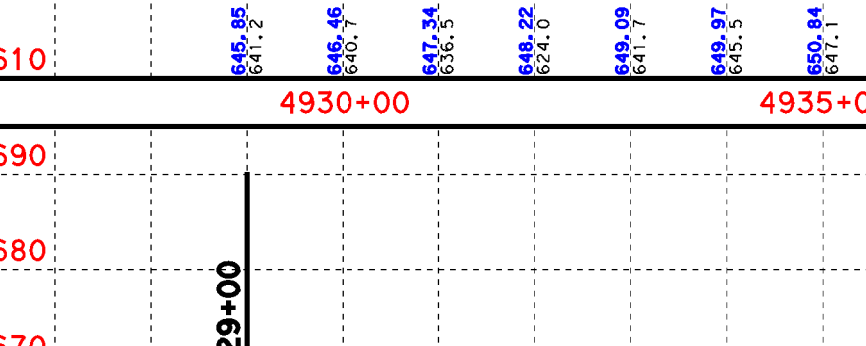
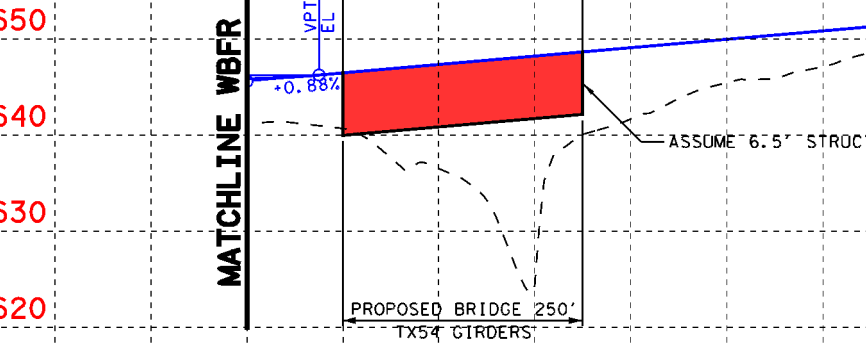
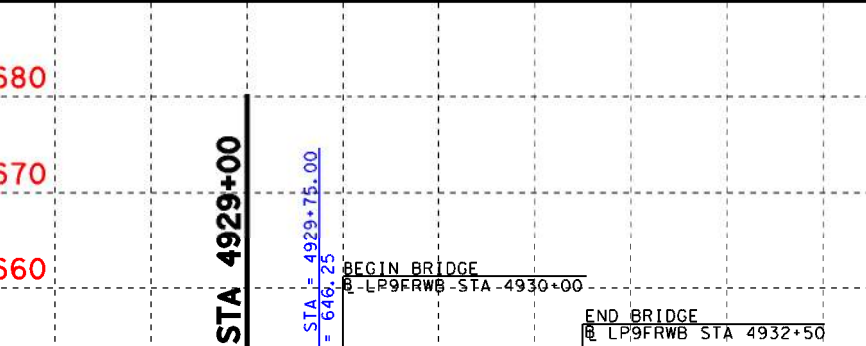
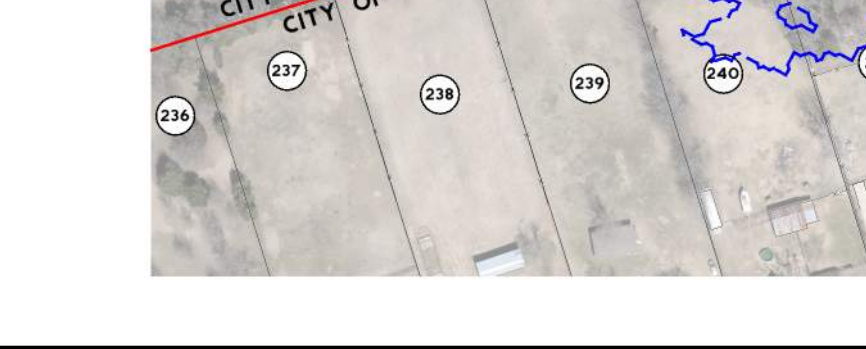
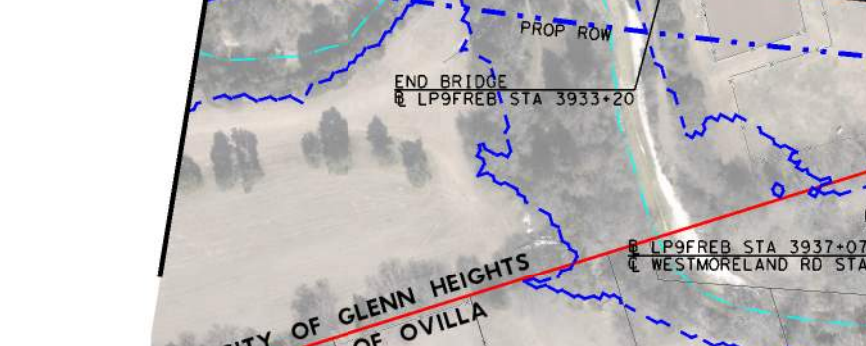
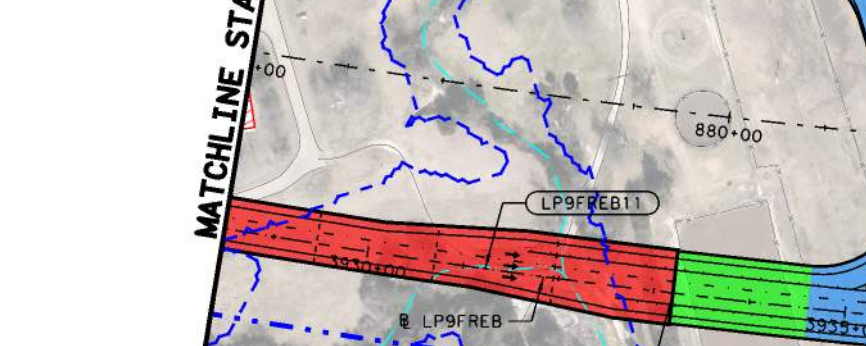
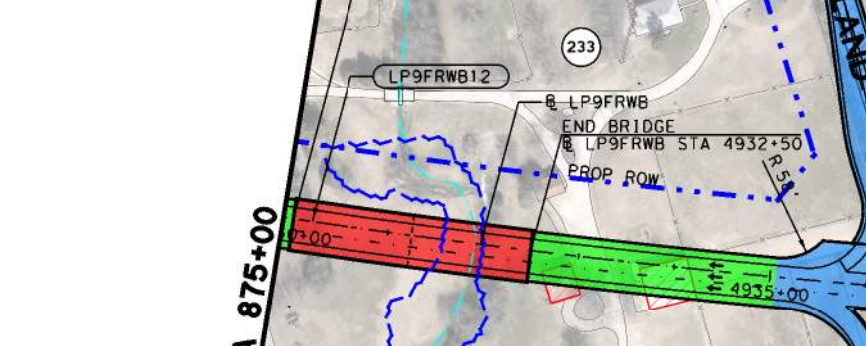
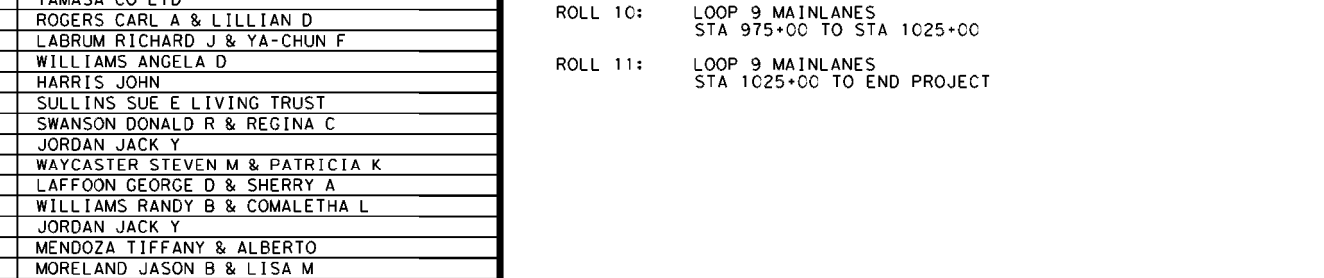
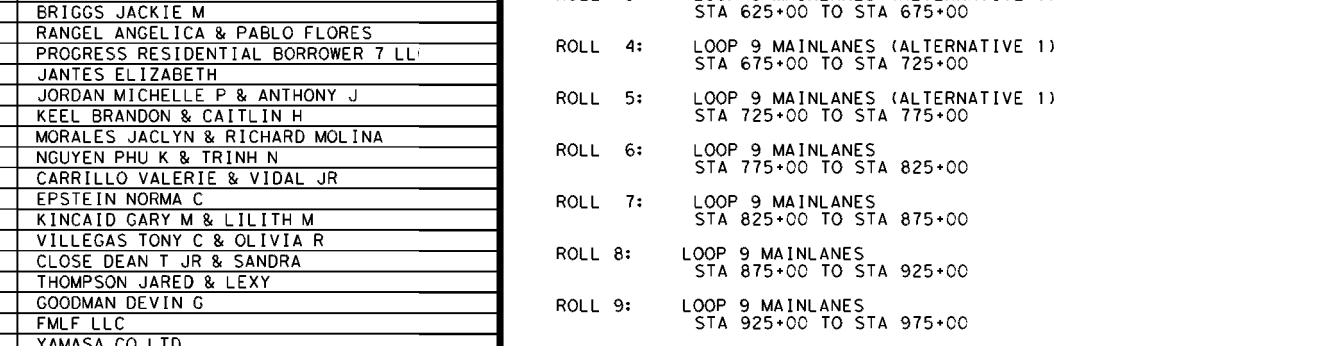
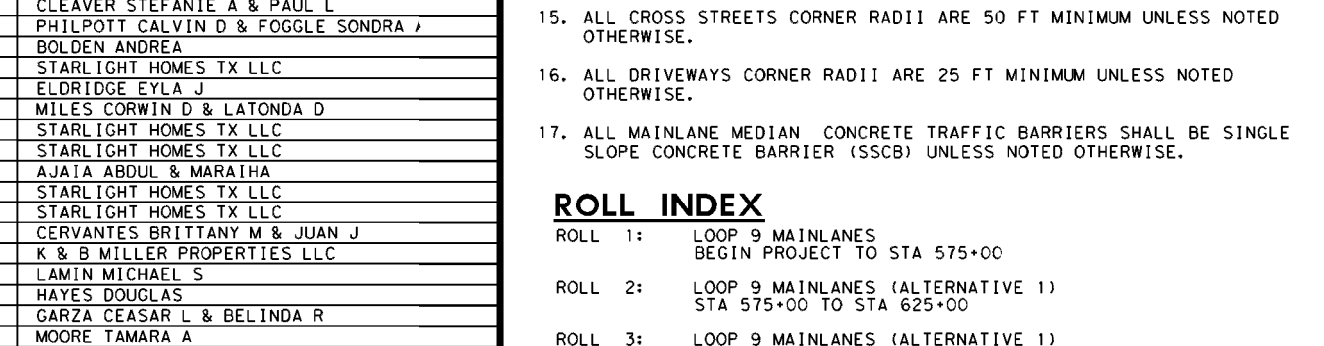
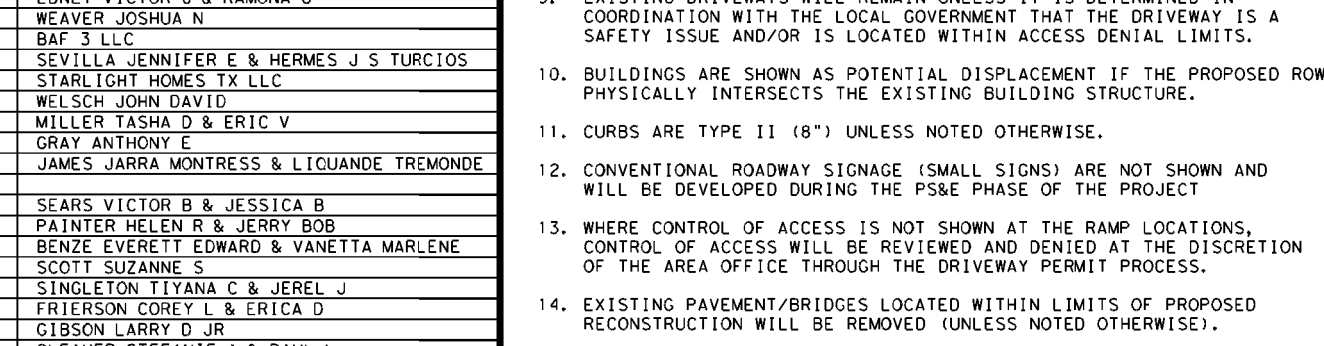
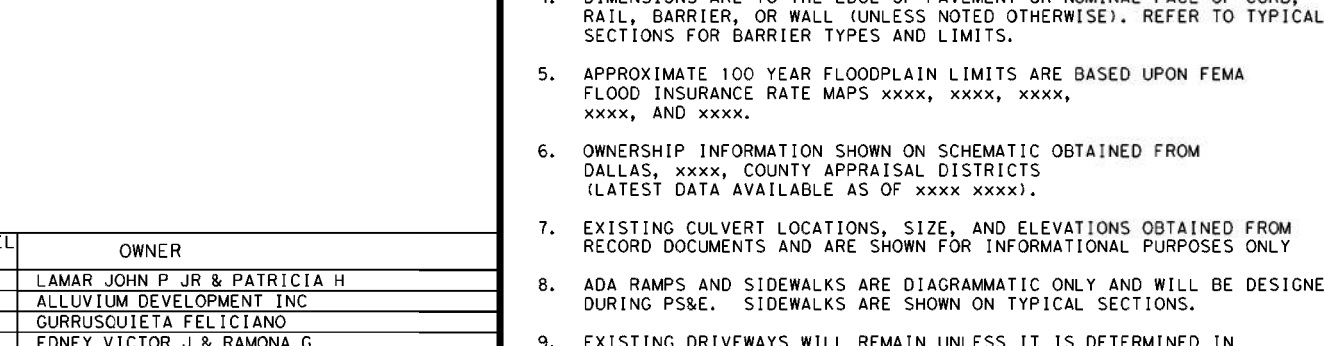
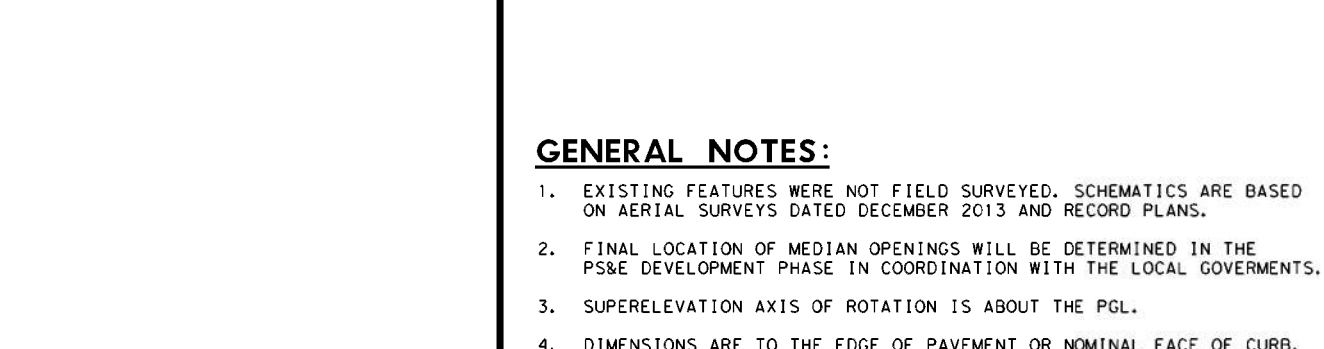
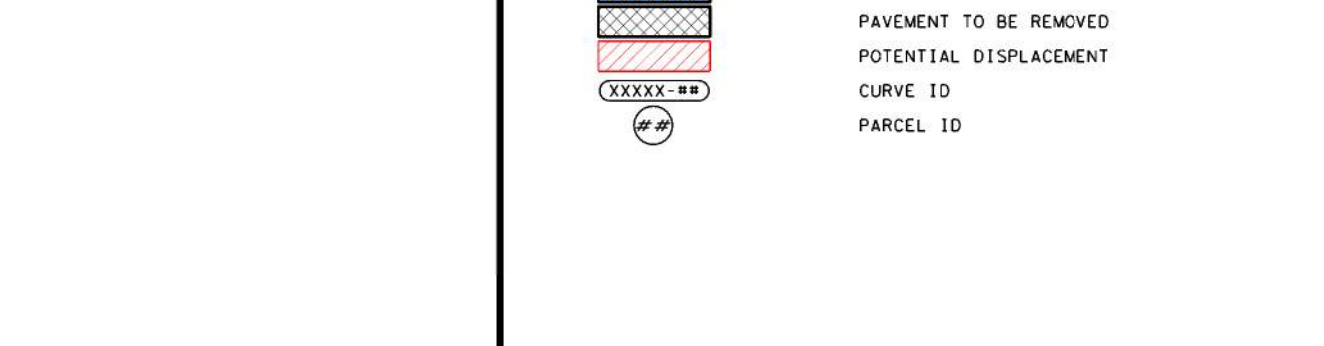
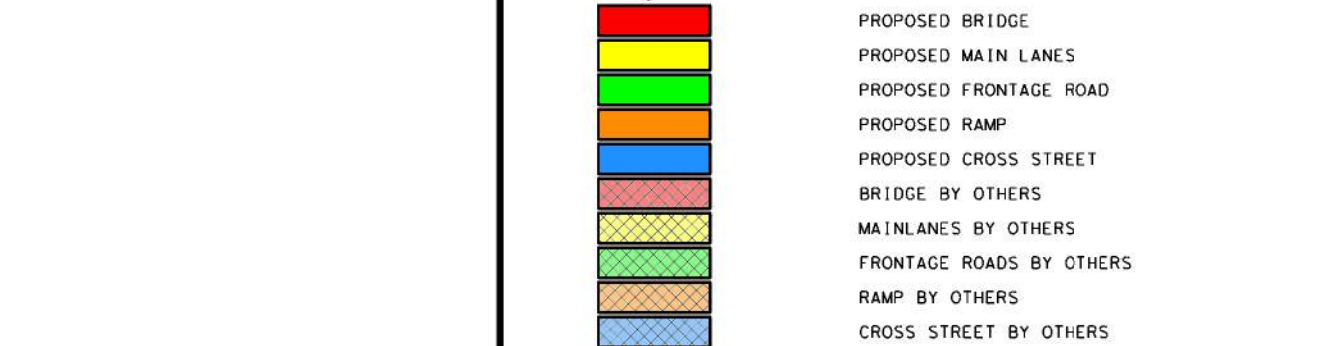
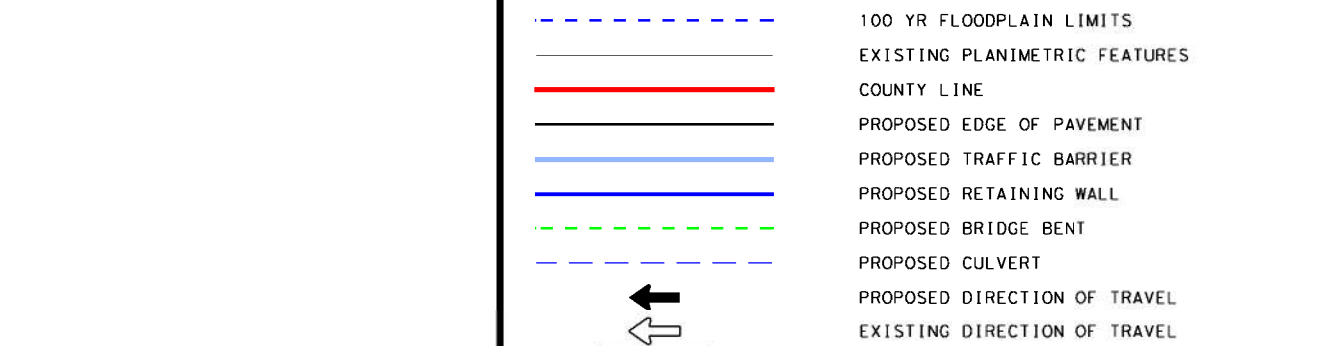
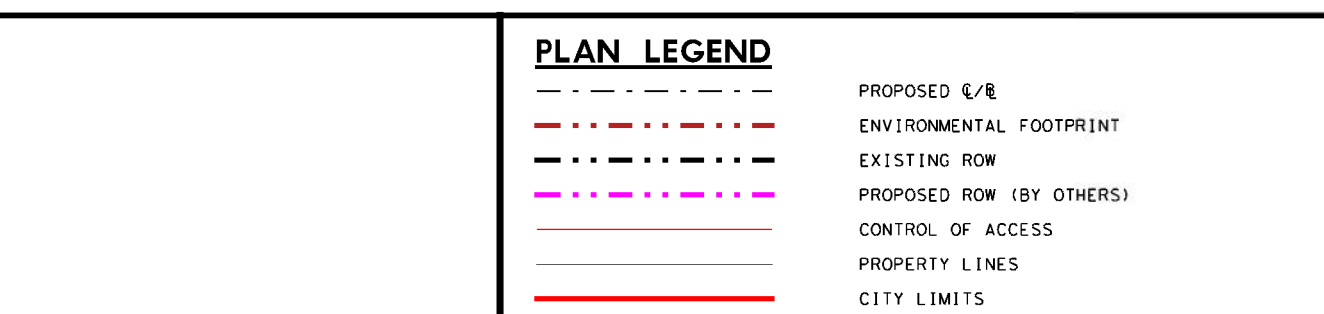
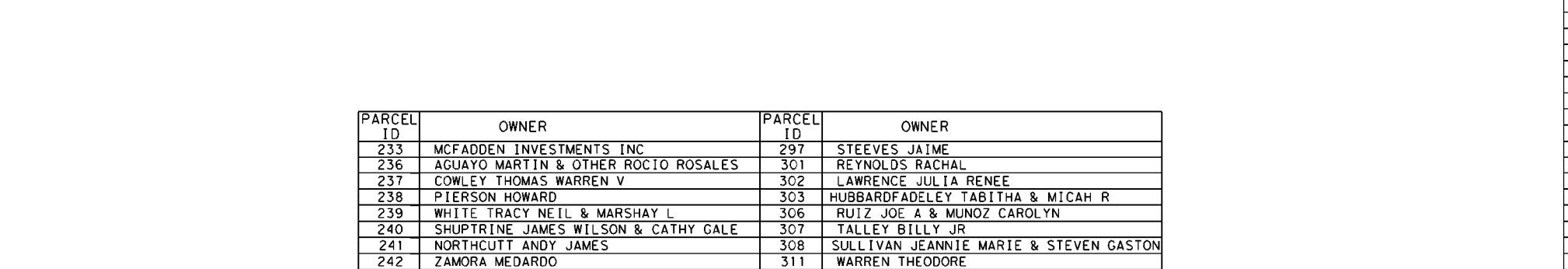
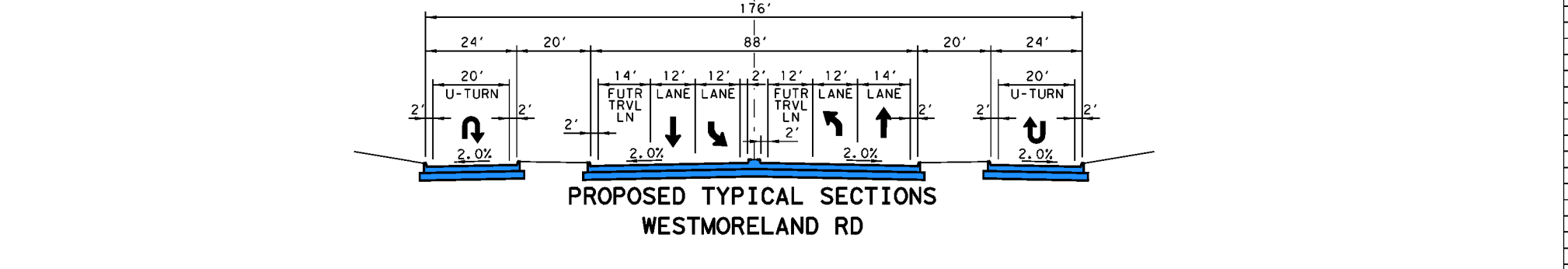
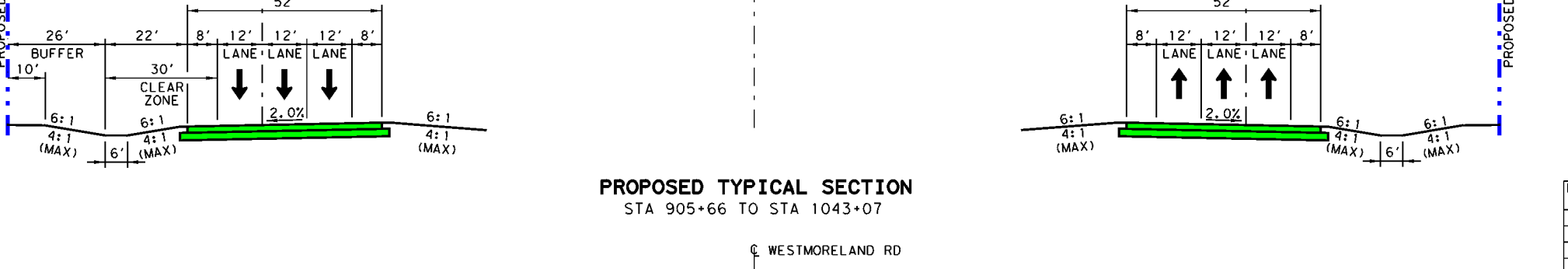
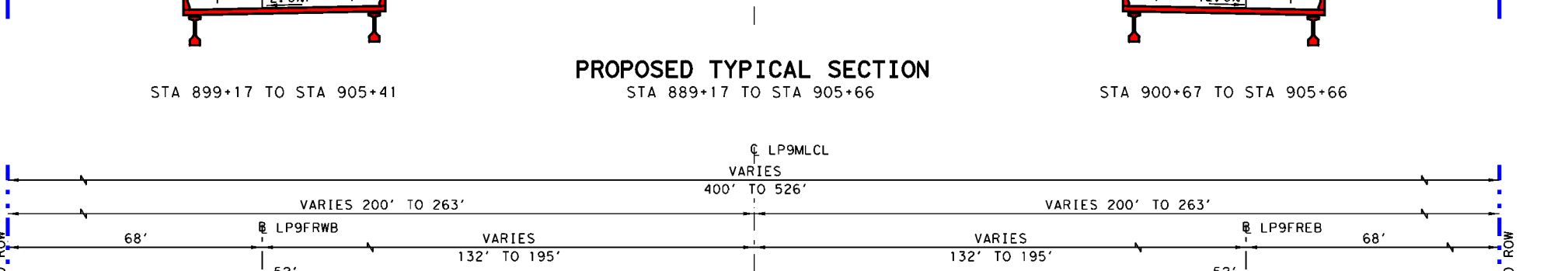
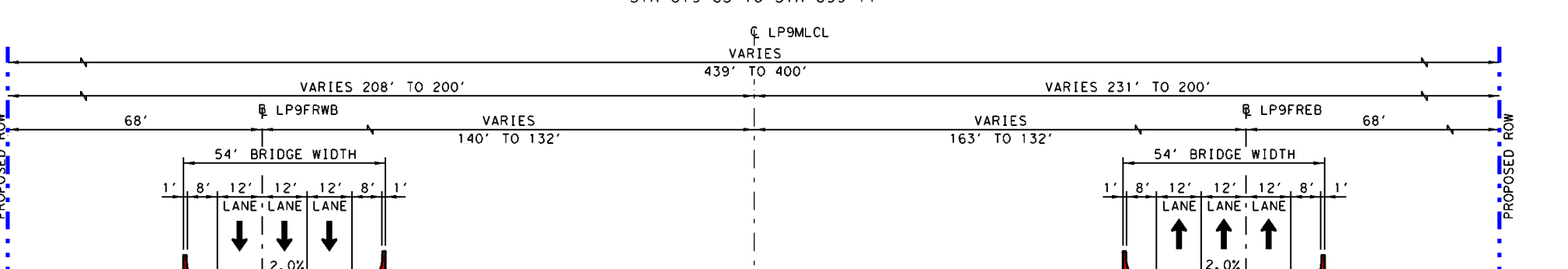
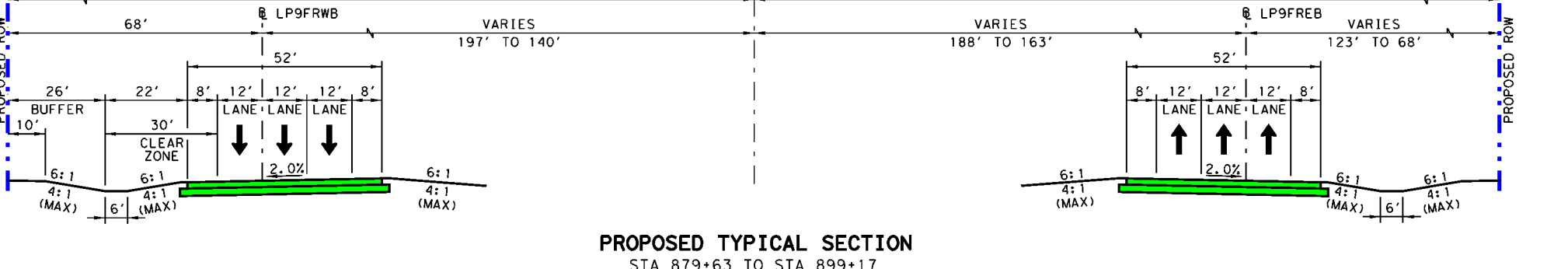
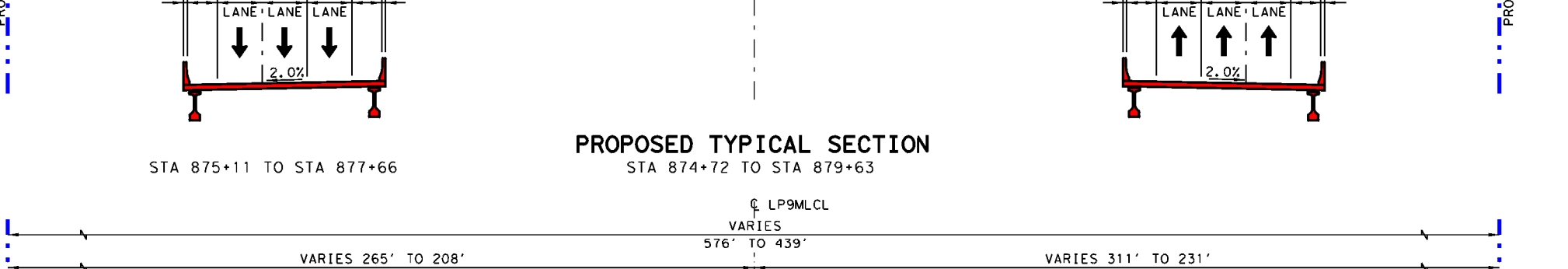
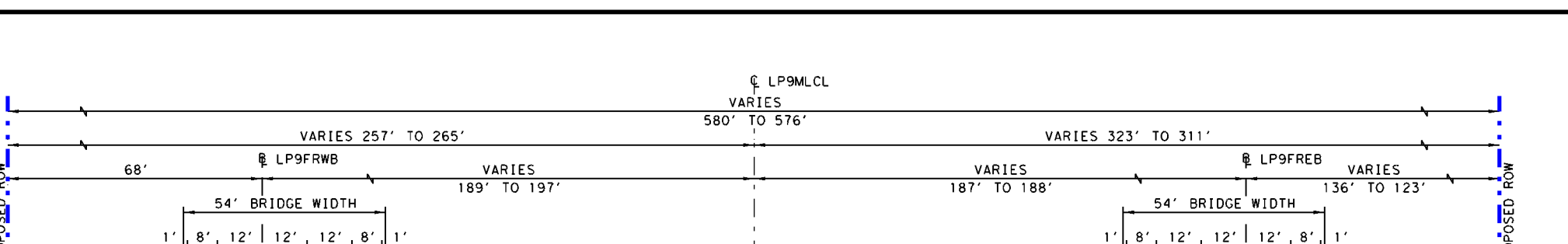
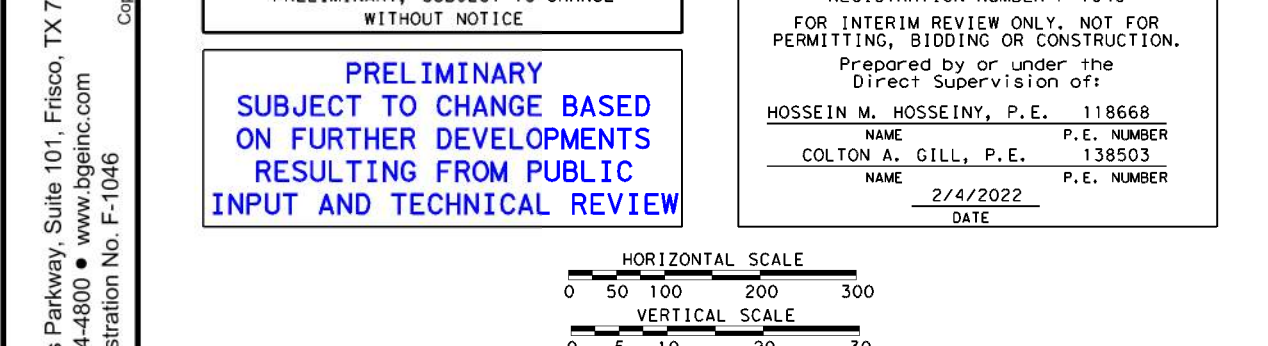
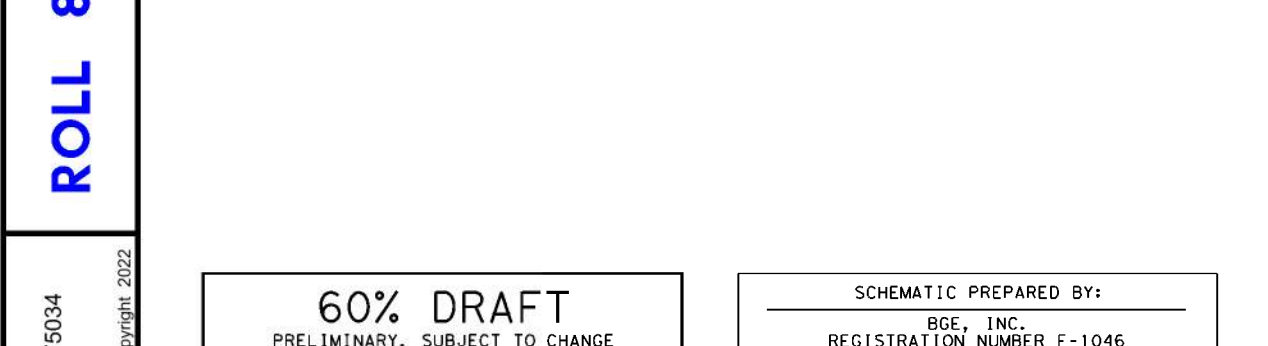
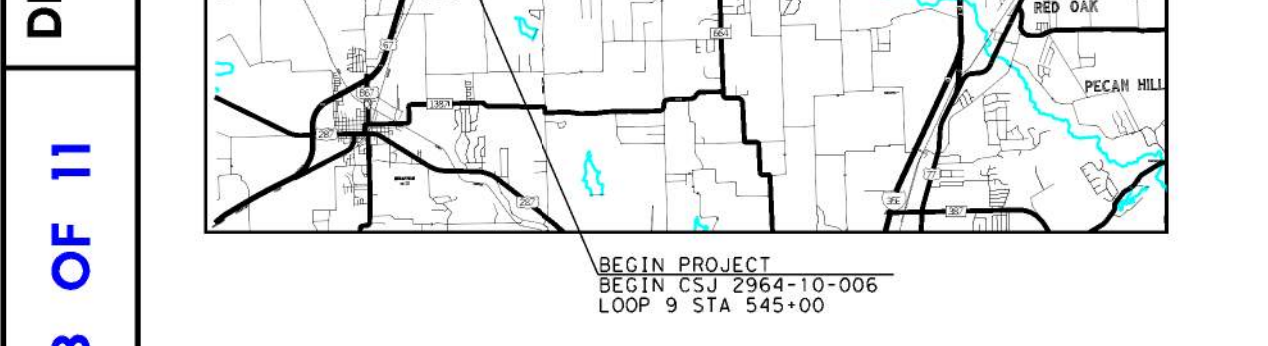
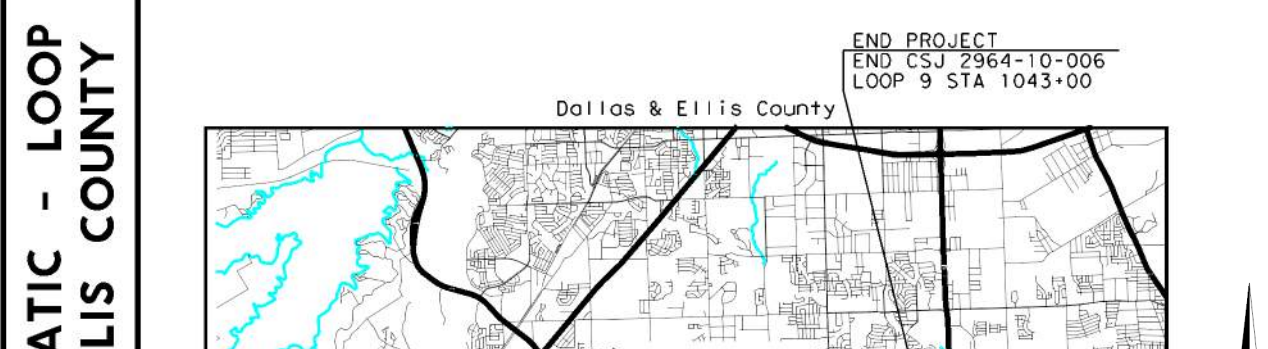
Horizontal Scale: 1" = 100'
 Vertical Scale: 1" = 20'

ROLL 7 OF 11

BGE, Inc. 2509 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046

DESIGN SCHEMATIC - LOOP 9 DALLAS/ELLIS COUNTY DATE: FEBRUARY 2022

DESIGN SCHEMATIC - LOOP 9 DALLAS/ELLIS COUNTY DATE: FEBRUARY 2022



GENERAL NOTES:

- EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 2013 AND RECORD PLANS.
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- SUPERELEVATION AXIS OF ROTATION IS ABOUT THE P.O.L.
- DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR MINIMAL FACE OF CURB, RAIL, BARRIER, OR WALL UNLESS NOTED OTHERWISE. REFER TO TYPICAL SECTIONS FOR BARRIER TYPES AND LIMITS.
- APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS XXXX, XXXX, XXXX, XXXX.
- OWNER INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS, XXXX, COUNTY APPRAISAL DISTRICTS (LATEST DATA AVAILABLE AS OF XXXX XXXX).
- EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
- EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS.
- BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERFERES WITH THE EXISTING BUILDING STRUCTURE.
- CURBS ARE TYPE II (8") UNLESS NOTED OTHERWISE.
- CONVENTIONAL ROADWAY STORAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
- WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVIEWED AND OBTAINED AT THE DISCRETION OF THE AREA OFFICE THROUGH THE DRIVEWAY PERMIT PROCESS.
- EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE.
- ALL CROSS STREETS CORNER RADIUS ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
- ALL DRIVEWAYS CORNER RADIUS ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
- ALL MAINLINE MEDIAN CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE CONCRETE BARRIER (S5CB) UNLESS NOTED OTHERWISE.

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ROLL 21	LOOP 9 MAINLANES (ALTERNATIVE 1)
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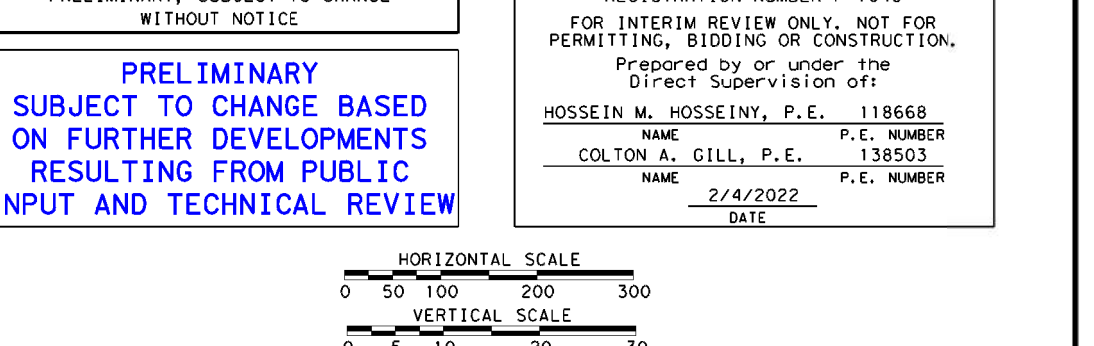
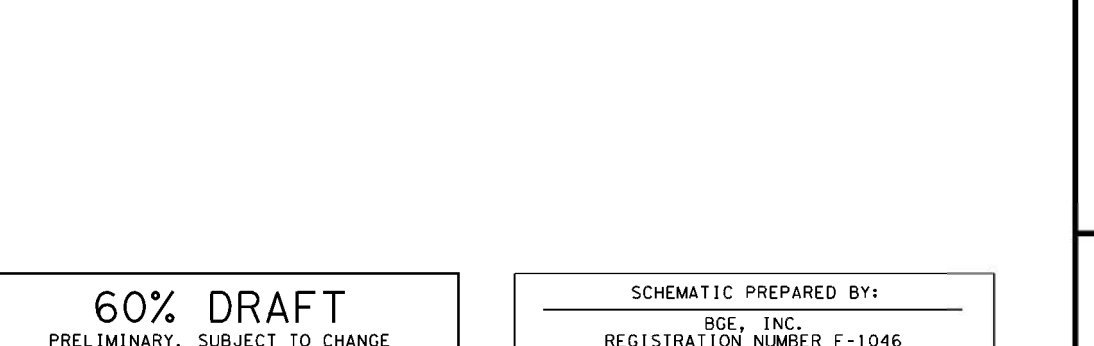
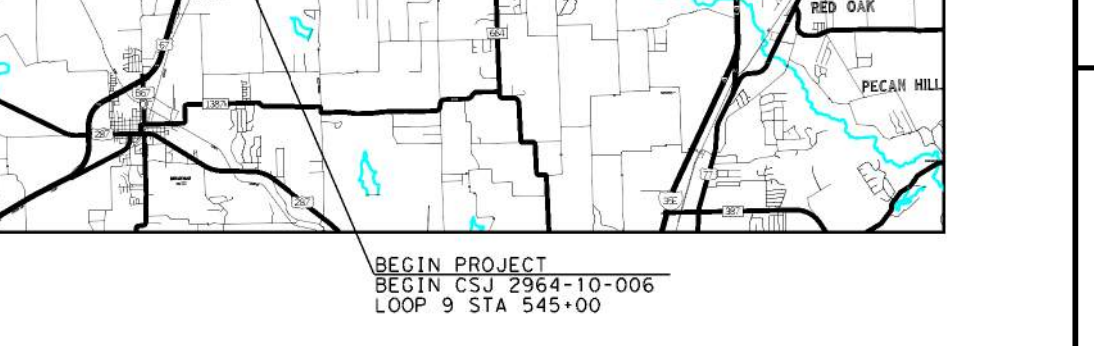
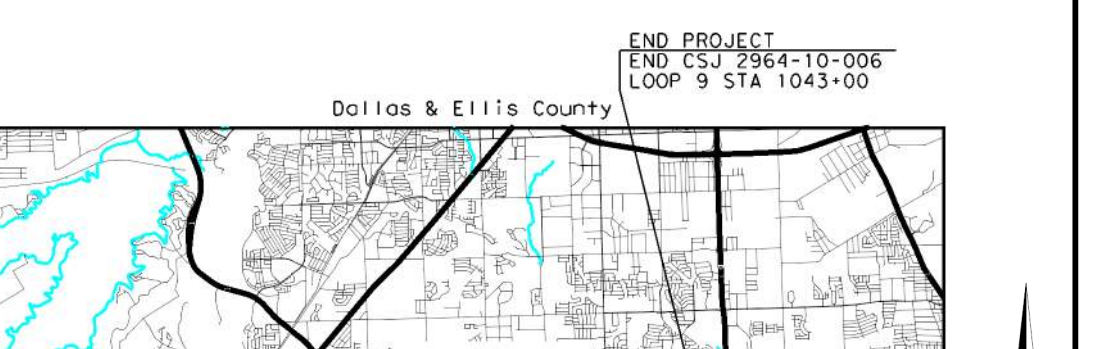
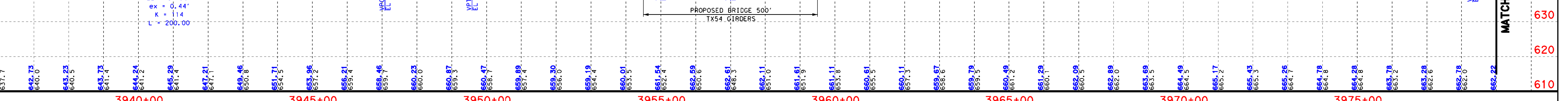
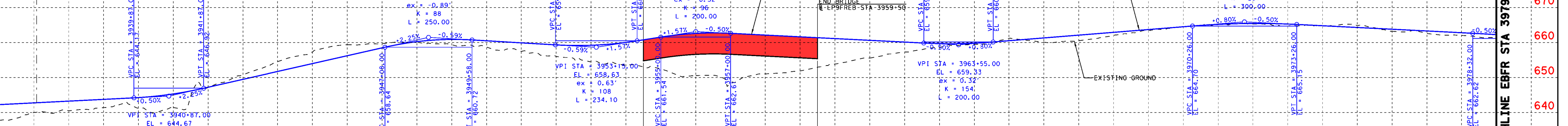
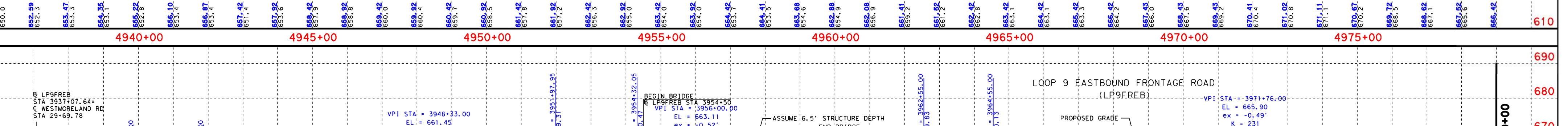
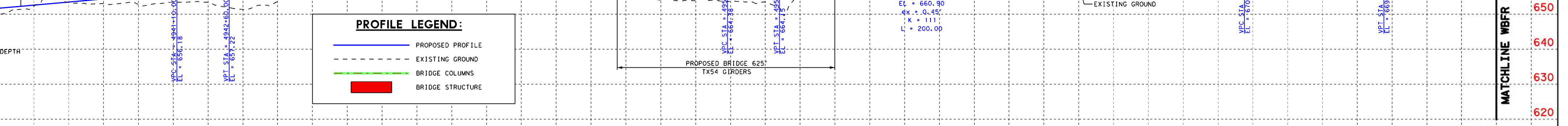
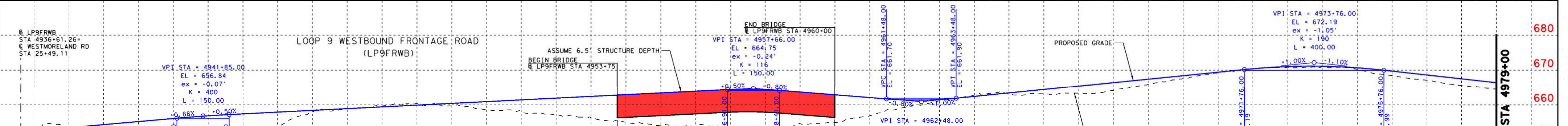
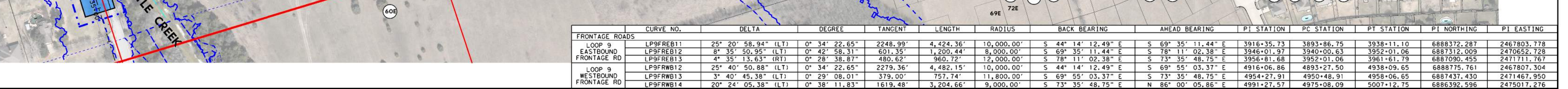
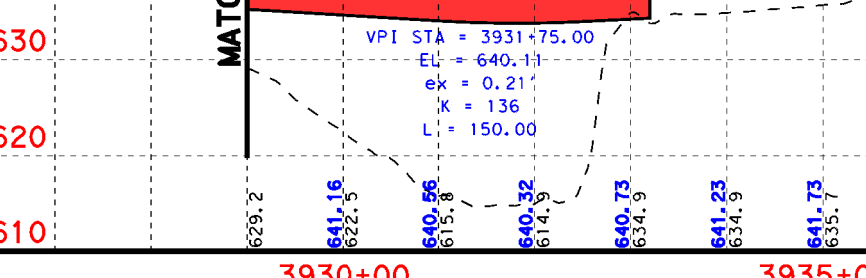
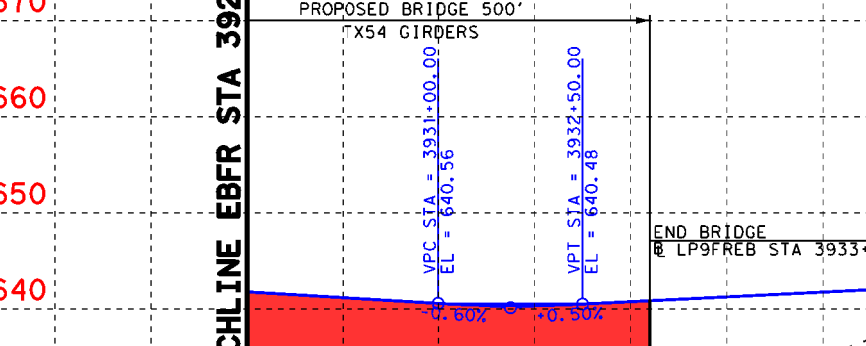
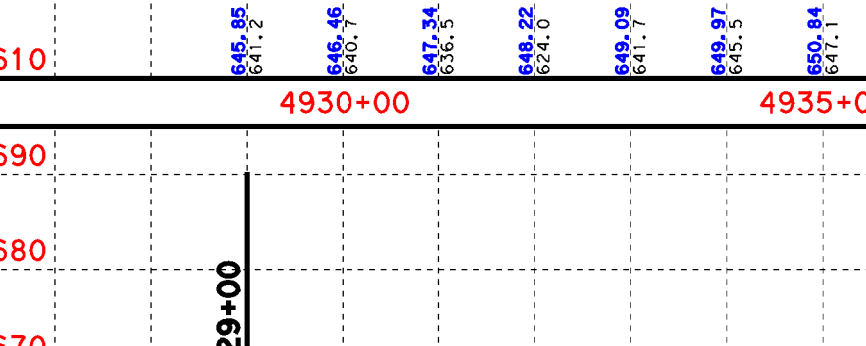
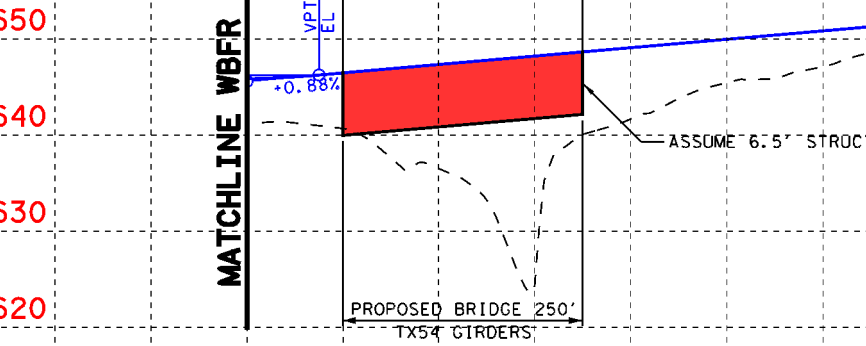
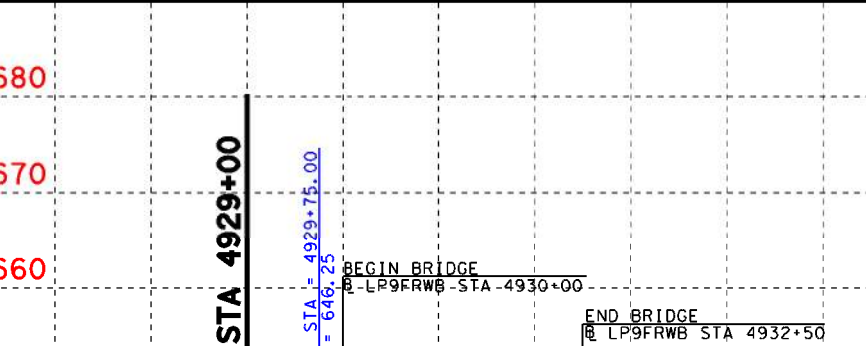
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PROFILE LEGEND:

- PROPOSED PROFILE
- EXISTING GROUND
- BRIDGE COLUMNS
- BRIDGE STRUCTURE

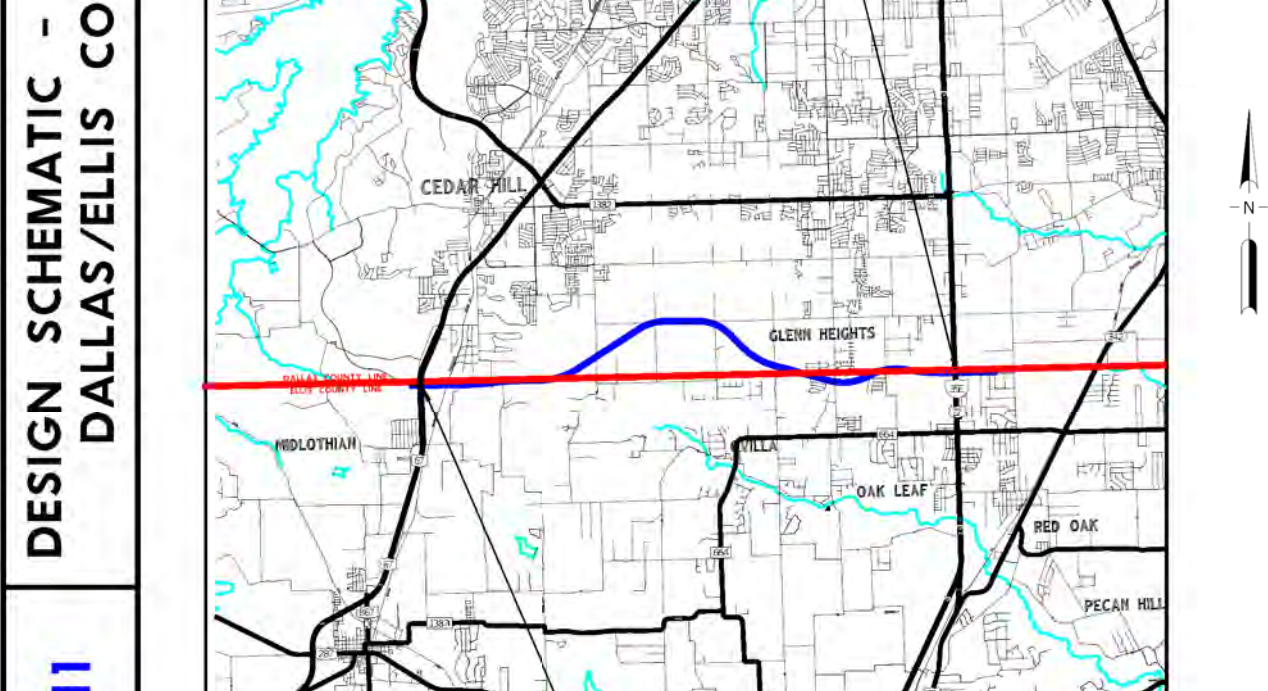
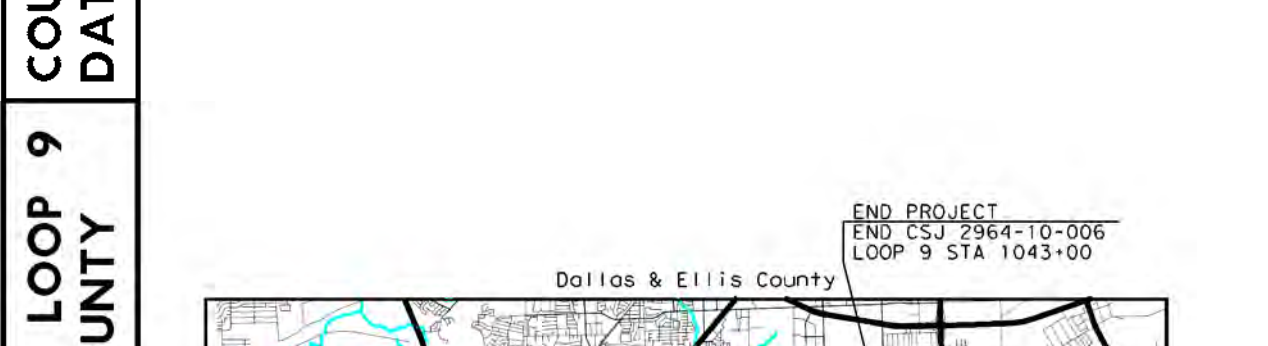


DALLAS DISTRICT
 MOHAMED K. BUR, P.E., DISTRICT ENGINEER
 DESIGN SCHEMATIC
LOOP 9
 DALLAS & ELLIS COUNTIES
 CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
 Project Length = 9.4 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLINES (RURAL FREEWAY)	70 MPH
RAMP AND TRANSITION (RURAL FREEWAY)	60 MPH
DIRECT CONNECTOR (RURAL FREEWAY)	45 MPH
FRONTAGE ROADS (URBAN COLLECTOR)	55 MPH
CROSS STREETS	40 MPH
U-TURNS (URBAN COLLECTOR)	25 MPH



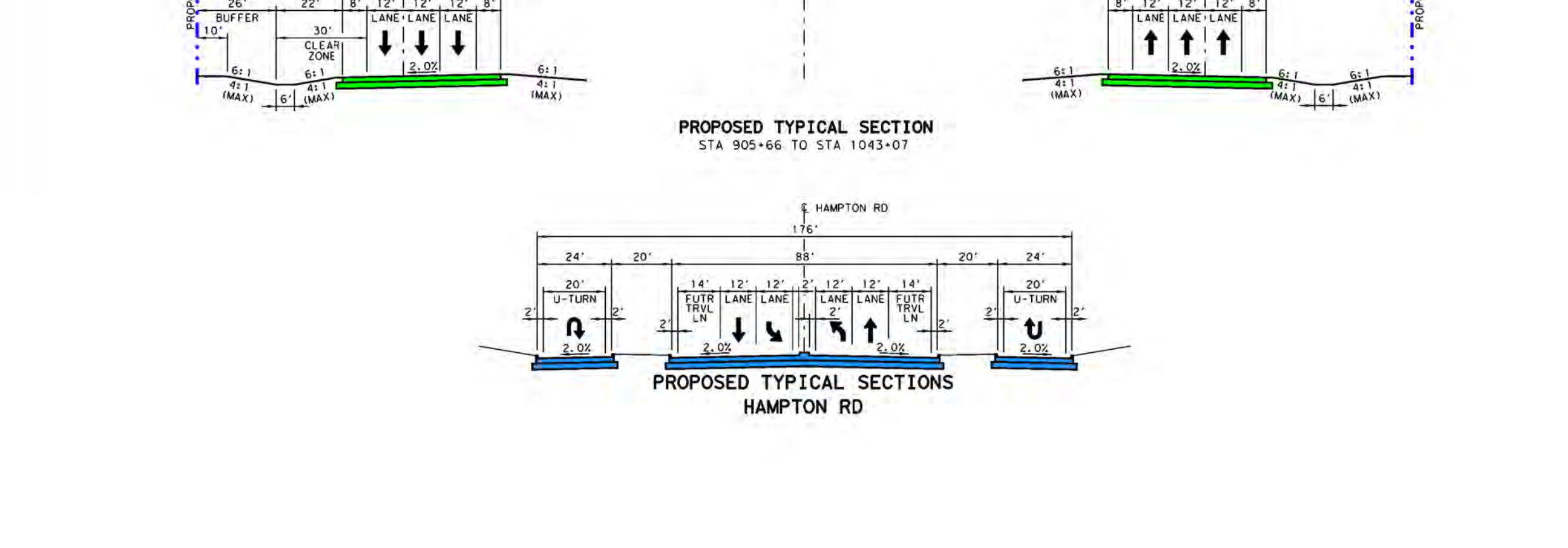
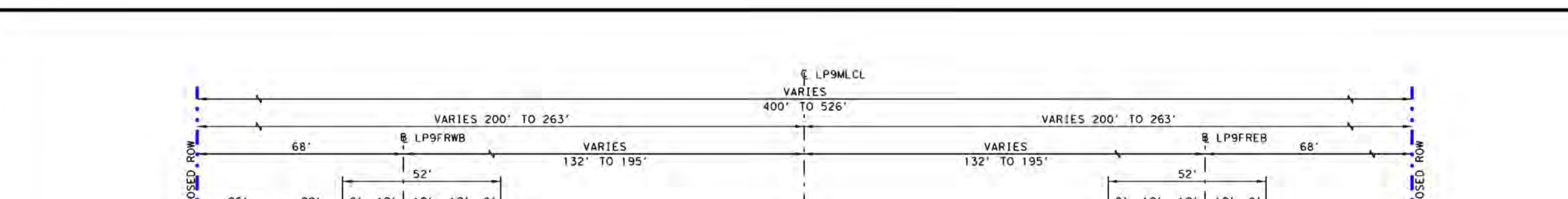
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Schematic Prepared By: **COLTON A. GILL, P.E.**
 P.E. NUMBER: 138653
 DATE: 2/3/2022

ROLL 9 OF 11

BGE, Inc. 2500 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046



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- CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE P.S.C. PHASE OF THE PROJECT.
- WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVIEWED AND CONTROL AT THE DISCRETION OF THE AREA OFFICE THROUGH THE DRIVEWAY PERMIT PROCESS.
- EXISTING PAVEMENT/ROADS LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE.
- ALL CROSS STREETS CORNER RADI ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
- ALL DRIVEWAYS CORNER RADI ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
- ALL MAINLINE MEDIAN CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE CONCRETE BARRIER (S5CB) UNLESS NOTED OTHERWISE.

ROLL INDEX

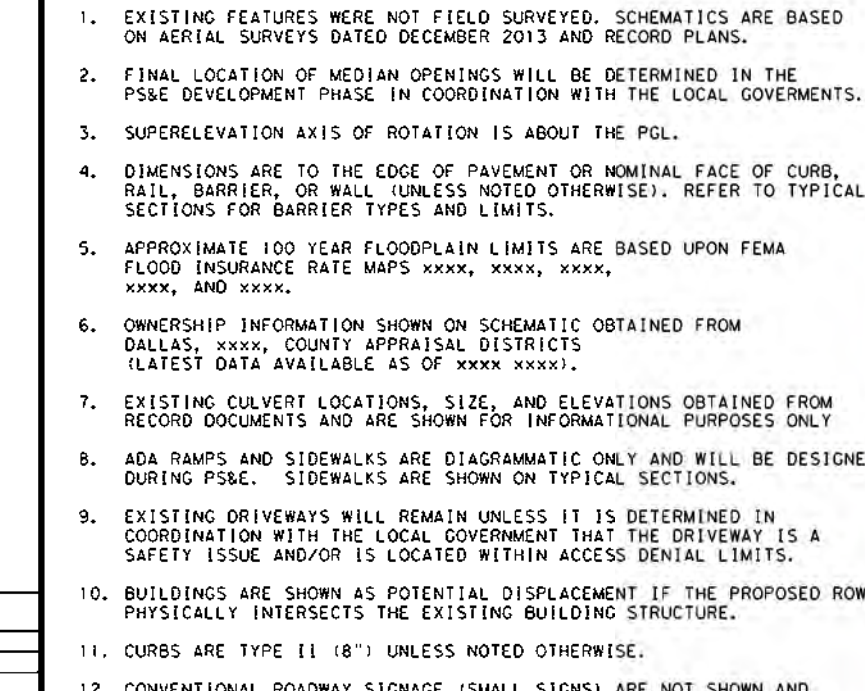
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ROLL 2:	LOOP 9 MAINLINES (ALTERNATIVE 2)
ROLL 3:	LOOP 9 MAINLINES (ALTERNATIVE 3)
ROLL 4:	LOOP 9 MAINLINES (ALTERNATIVE 4)
ROLL 5:	LOOP 9 MAINLINES (ALTERNATIVE 5)
ROLL 6:	LOOP 9 MAINLINES (ALTERNATIVE 6)
ROLL 7:	LOOP 9 MAINLINES (ALTERNATIVE 7)
ROLL 8:	LOOP 9 MAINLINES (ALTERNATIVE 8)
ROLL 9:	LOOP 9 MAINLINES (ALTERNATIVE 9)
ROLL 10:	LOOP 9 MAINLINES (ALTERNATIVE 10)
ROLL 11:	LOOP 9 MAINLINES (ALTERNATIVE 11)

PLAN LEGEND

- PROPOSED E/R ENVIRONMENTAL FOOTPRINT
- EXISTING ROW (BY OTHERS)
- CONTROL OF ACCESS
- PROPERTY LINES
- CITY LIMITS
- 100 YR FLOODPLAIN LIMITS
- EXISTING PLANNIMETRIC FEATURES
- COUNTY LINE
- PROPOSED EDGE OF PAVEMENT
- PROPOSED TRAFFIC BARRIER
- PROPOSED RETAINING WALL
- PROPOSED BRIDGE BENT
- PROPOSED CULVERT
- PROPOSED DIRECTION OF TRAVEL
- EXISTING DIRECTION OF TRAVEL
- PROPOSED MAIN LANES
- PROPOSED FRONTAGE ROAD
- PROPOSED RAMP
- PROPOSED CROSS STREET BRIDGE BY OTHERS
- MAINLANES BY OTHERS
- FRONTAGE ROADS BY OTHERS
- RAMP BY OTHERS
- CROSS STREET BY OTHERS
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

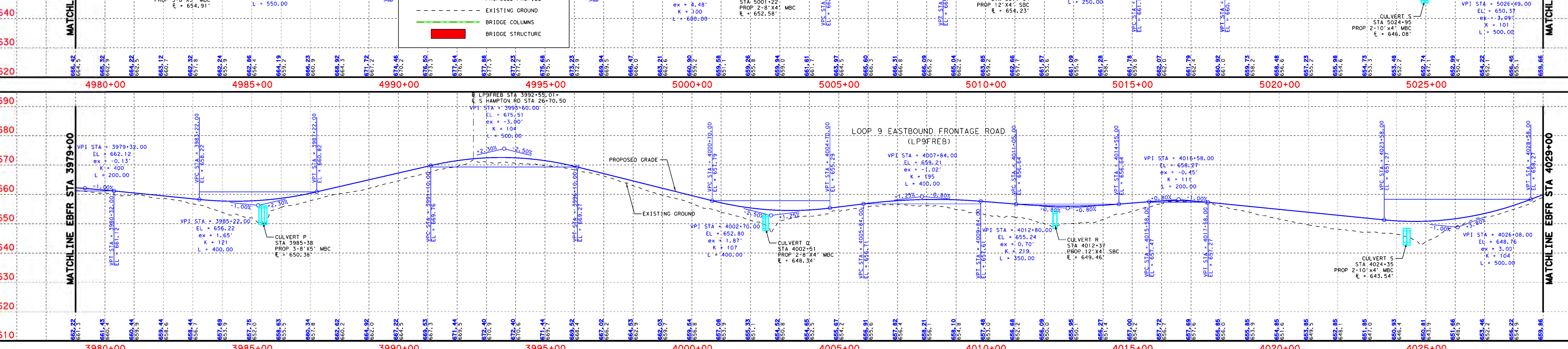
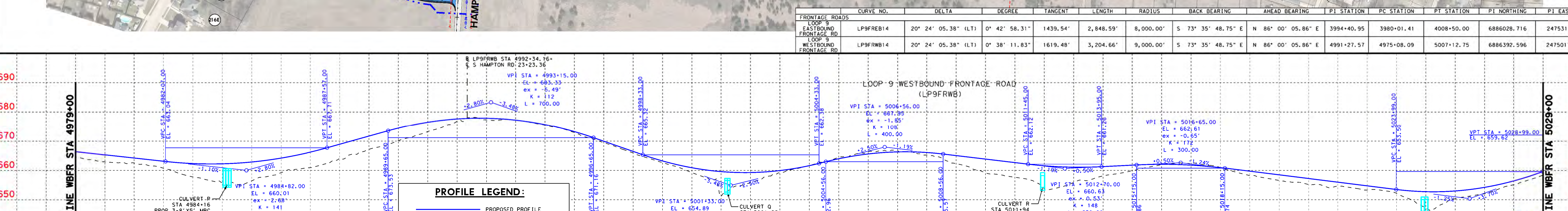
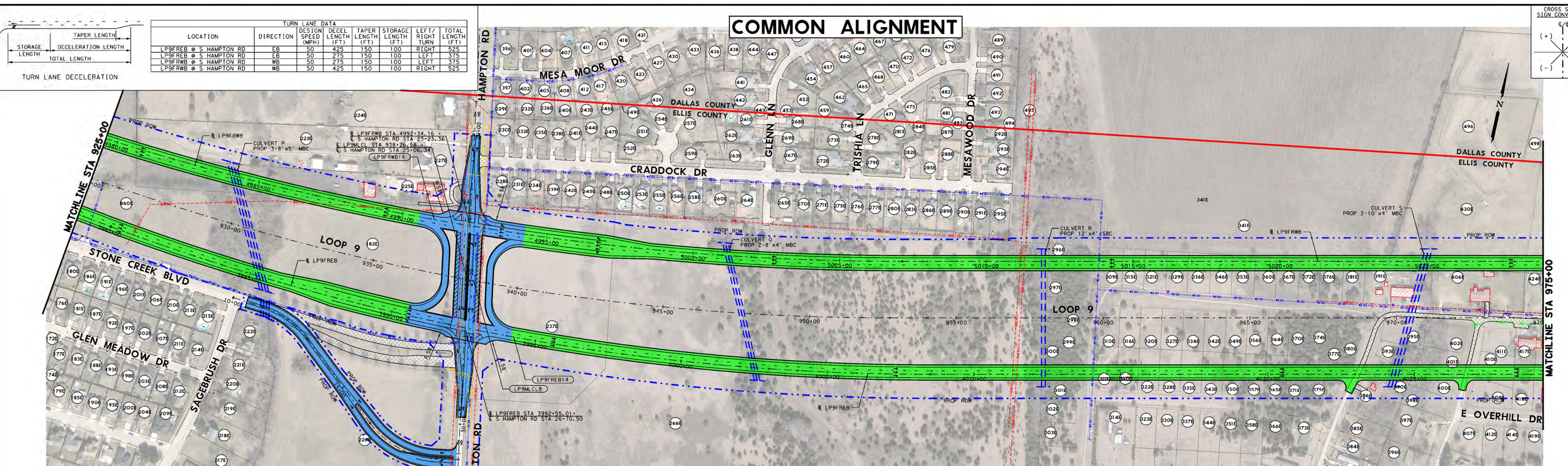
TURN LANE DATA

LOCATION	DIRECTION	DECEL. SPEED (MPH)	TAPER LENGTH (FT)	STORAGE LENGTH (FT)	LEFT / RIGHT TURN	TOTAL LENGTH (FT)
LPSFRFB @ S HAMPTON RD	EB	50	425	150	100	725
LPSFRFB @ S HAMPTON RD	WB	50	275	150	100	575
LPSFRFB @ S HAMPTON RD	WB	50	275	150	100	575
LPSFRFB @ S HAMPTON RD	WB	50	425	150	100	725



FRONTAGE ROADS

FRONTAGE ROAD	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	P.I. STATION	P.C. STATION	P.T. STATION	P.I. NORTHING	P.I. EASTING
LOOP 9 FRONTAGE RD	LPSFRFB14	20° 24' 05.38" (LT)	0° 42' 58.31"	1439.54'	2,848.59'	8,000.00'	S 73° 35' 48.75" E	N 86° 00' 05.86" E	3984+40.95	3980+01.41	4008+50.00	6886028.716	2475318.521
WESTBOUND FRONTAGE RD	LPSFRFB14	20° 24' 05.38" (LT)	0° 38' 11.83"	1619.48'	3,204.66'	9,000.00'	S 73° 35' 48.75" E	N 86° 00' 05.86" E	4991+27.57	4975+08.09	5007+12.75	6886392.586	2475017.276

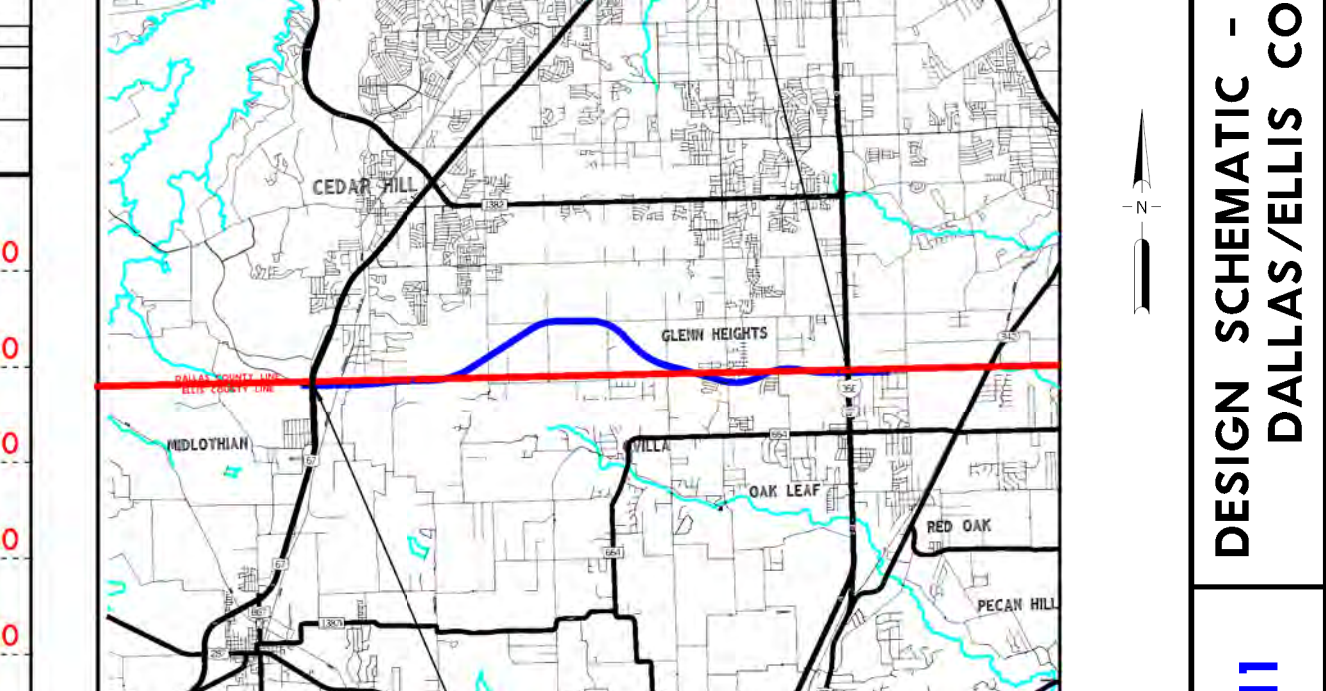
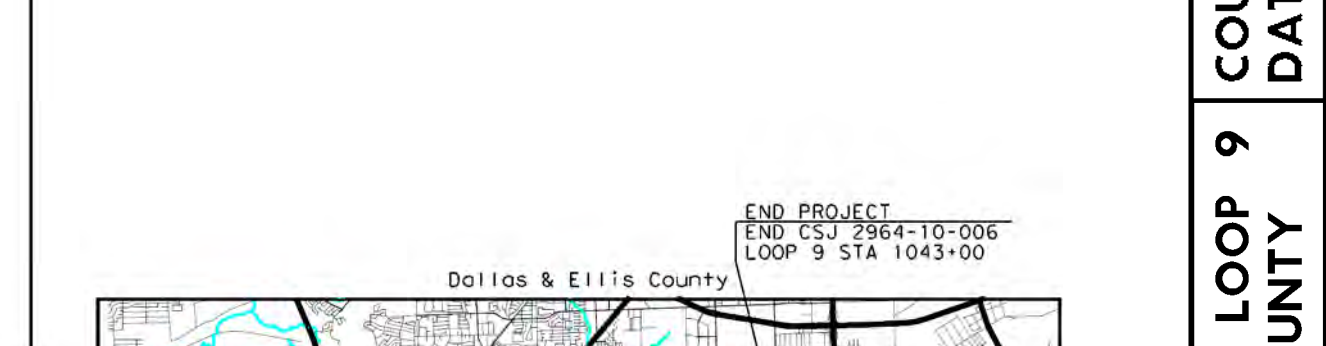


DALLAS DISTRICT
 MOHAMED K. BUR, P.E., DISTRICT ENGINEER
 DESIGN SCHEMATIC
LOOP 9
 DALLAS & ELLIS COUNTIES
 CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
 Project Length = 9.4 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLINES (RURAL FREEWAY)	70 MPH
RAMP AND TRANSITION (RURAL FREEWAY)	60 MPH
DIRECT CONNECTOR (RURAL FREEWAY)	45 MPH
FRONTAGE ROADS (URBAN COLLECTOR)	55 MPH
CROSS STREETS	40 MPH
U-TURNS (URBAN COLLECTOR)	25 MPH



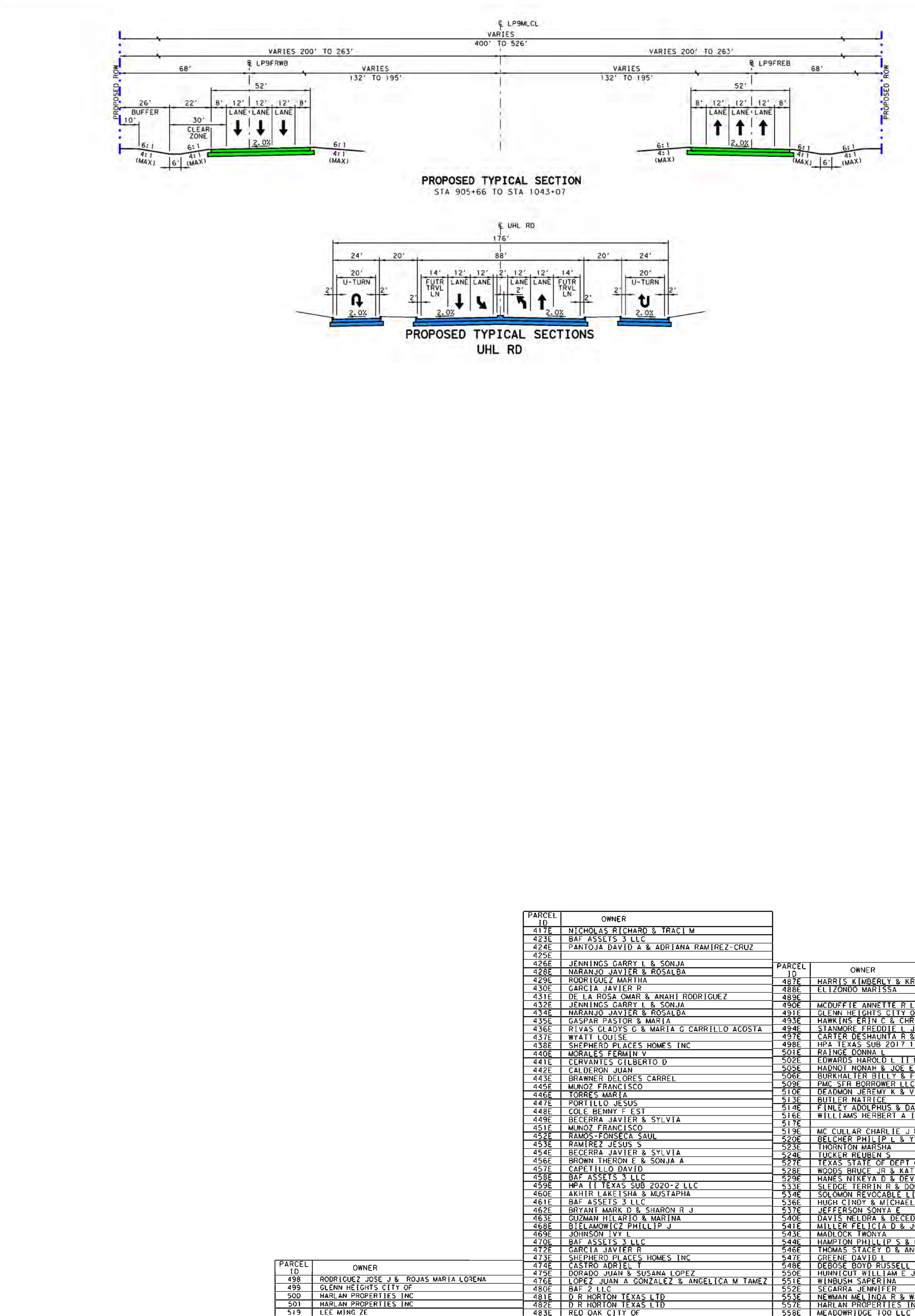
60% DRAFT
 PRELIMINARY, SUBJECT TO CHANGE WITHOUT NOTICE

PRELIMINARY
 SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW

Schematic Prepared By: **COLTON A. GILL, P.E.**
 P.E. NUMBER: 138653
 DATE: 2/3/2022

ROLL 9 OF 11

BGE, Inc. 2500 Dallas Parkway, Suite 101, Frisco, TX 75034
 Tel: 972-464-4800 • www.bgeinc.com
 TBPE Registration No. F-1046



PLAN LEGEND

- PROPOSED E/R
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TURN LANE DATA

LOCATION	DIRECTION	DESIGN SPEED (MPH)	DECEL LENGTH (FT)	TAPER LENGTH (FT)	STORAGE LENGTH (FT)	LEFT TURN LENGTH (FT)	TOTAL LENGTH (FT)	RIGHT TURN LENGTH (FT)
LPSFRWB @ UHL RD	EB	50	425	150	100	100	525	525
LPSFRFB @ UHL RD	WB	50	275	150	100	100	375	375
LPSFRWB @ UHL RD	WB	50	275	150	100	100	375	375
LPSFRFB @ UHL RD	EB	50	425	150	100	100	525	525

- GENERAL NOTES:**
- EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 2013 AND RECORD PLANS.
 - FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PS&E DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
 - SUPERELEVATION AXIS OF ROTATION IS ABOUT THE POL.
 - DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR MINIMAL FACE OF CURB, RAIL, BARRIER, OR WALL UNLESS NOTED OTHERWISE. REFER TO TYPICAL SECTIONS FOR BARRIER TYPES AND LIMITS.
 - APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS XXXX, XXXX, XXXX.
 - ONCERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS COUNTY APPRAISAL DISTRICTS (LATEST DATA AVAILABLE AS OF XXXX).
 - EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. LATEST DATA AVAILABLE AS OF XXXX.
 - EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENT THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS DENIAL LIMITS.
 - ADA RAMP AND SIDEWALKS ARE DIAGNOSTIC ONLY AND WILL BE DESIGNED DURING PS&E. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
 - BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERFERES WITH THE EXISTING BUILDING STRUCTURE.
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ROLL INDEX

ROLL NO.	DESCRIPTION
ROLL 11 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 975+00 TO STA 575+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 975+00 TO STA 575+00
ROLL 2 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 975+00 TO STA 825+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 975+00 TO STA 825+00
ROLL 3 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 675+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 825+00 TO STA 675+00
ROLL 4 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 675+00 TO STA 525+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 675+00 TO STA 525+00
ROLL 5 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 525+00 TO STA 375+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 525+00 TO STA 375+00
ROLL 6 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 375+00 TO STA 225+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 375+00 TO STA 225+00
ROLL 7 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 225+00 TO STA 75+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 225+00 TO STA 75+00
ROLL 8 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 75+00 TO STA 25+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 75+00 TO STA 25+00
ROLL 9 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 25+00 TO STA 0+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 25+00 TO STA 0+00
ROLL 10 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 0+00 TO STA 1025+00</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 0+00 TO STA 1025+00
ROLL 11 <td>LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1025+00 TO END PROJECT</td>	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 1025+00 TO END PROJECT

