TEXAS DEPARTMENT OF TRANSPORTATION

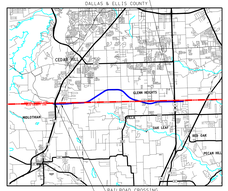
DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
LOOP 9 SEGMENT A, ETC
DALLAS & ELLIS COUNTIES

CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
Project Length = 52,661.00 Feet = 9.97 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:
FRONTAGE ROADS (URBAN COLLECTOR): - 50 MPH
CROSS STREETS: - 40 MPH
U-TURNS (URBAN COLLECTOR): - 20 MPH



APPROVED SCHEMATIC
NOT FOR CONSTRUCTION

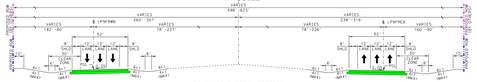
SCHEMATIC PREPARED BY:
REGISTERED PROFESSIONAL ENGINEER
FOR INTERIM REVIEW ONLY; NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
NAME P.E. NUMBER
COLTON G. ELLIS, P.E. 134600
NAME P.E. NUMBER
12/4/2023
DATE

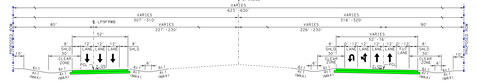
ORIGINAL SCALE
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 10'

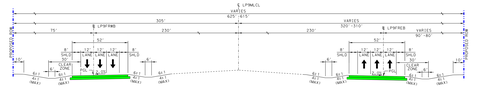
ROLL 2 OF 12

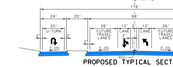
BGE, Inc.
2906 Dallas Parkway, Suite 101, Frisco, TX 75034
Tel: 972-464-4800 ● www.bgeinc.com
TBPE Registration No. F-1046

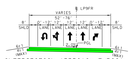
Copyright 2023
© 2023 by Texas Department of Transportation; all rights reserved











TAR RD TRAFFIC DIAGRAM

PARCEL	OWNER
1	DESOTO ROAD PROPERTY II LTD
1	FASTER ROLLING LLC
2	BRIDGE ROAD LLC
2	PUTTI DOGGIE BRATSTON &
2	ATX WATERSPORTS LLC
3	MOLINA, ALEJANDRO & JULIE T
4	WALKER ANDRE A
5	SANTOS PEDRO R
6	SANTOS PEDRO R
7	SANTOS PEDRO R JR & PATTY K
8	PAUL TA PATRICIA
9	PAUL TA PATRICIA &
10	FORM NOW
11	COCHRAN DELORES ANN
12	COCHRAN
13	COCHRAN LOU ANN
14	COCHRAN LOU ANN & SANDRA L
15	DOLLAR GENERAL
16	DOLLAR CORP
17	DOLLAR GENERAL CORPORATION
18	DESOTO RANCHES LTD
19	ULTIMATE RACE RO LLC
20	MAP PLAYERS LLC
21	PUTTI DOGGIE BRATSTON
22	PUTTI DOGGIE BRATSTON &
23	ATX WATERSPORTS LLC
24	MOLINA, ALEJANDRO & JULIE T
25	CERDA, TOBIAS & NORMA STANCO
26	CERDA, TOBIAS & NORMA STANCO
27	SPRINGER DONELLA & ROSLYNNE
28	PUTTI DOGGIE BRATSTON &
29	ROSS, JAMES & ROSS, JAMES &
30	UNKNOWN OWNER(S) OR UNAVAILABLE
31	CAMPBELL MICHAEL D
32	CAMPBELL MICHAEL D
33	SAN ROQUE FLORENCIO & ANGELA
34	MARTINEZ NELSON G & BERTHA G
35	CORTAZAR ANGEL & MARIA JULIA
36	CORTAZAR ANGEL A
37	MC KENZIE BILL A
38	MC KENZIE BILL A
39	MARTINEZ ALEJANDRA & JUAN
40	DOUGLAS JONATHAN & CHERYL
41	DOUGLAS JONATHAN
42	MEANS JAMES
43	MENDEZ ALEJANDRINA
44	MARTINEZ, LINDSAY & KRISSY M
45	MARTINEZ, LINDSAY & KRISSY M
46	DOUGLAS JONATHAN &
47	DOUGLAS JONATHAN &

PLAN LEGEND

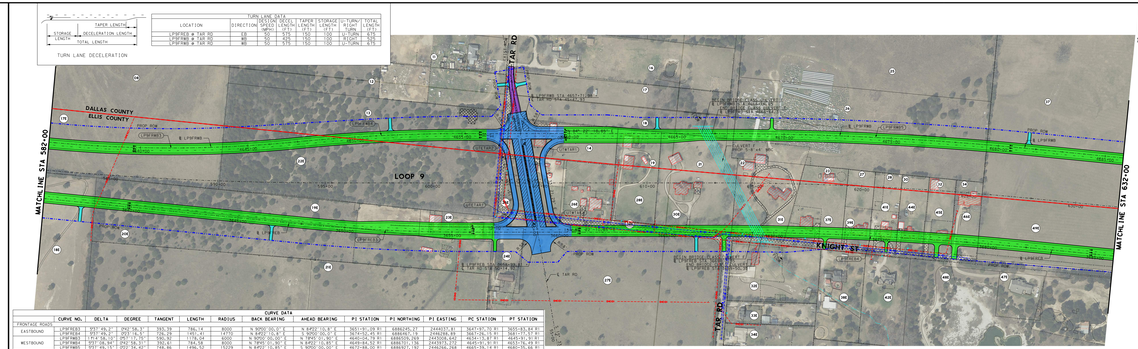
PROPOSED E/B
PROPOSED ROW
EXISTING ROW
PROPOSED ROW (BY OTHERS)
CONTROL OF ACCESS
PROPERTY LINES
CITY LIMITS
100 YR FLOODPLAIN LIMITS
EXISTING PLANIMETRIC FEATURES
COUNTY LINE
PROPOSED EDGE OF PAVEMENT
PROPOSED TRAFFIC BARRIER
PROPOSED RETAINING WALL
PROPOSED BRIDGE RENT
PROPOSED CULVERT
OVERHEAD ELECTRIC
UNDERGROUND ELECTRIC
TELEPHONE
CABLE TV
FIBER OPTIC
GAS
WATER
WASTEWATER
STORMWATER
PROPOSED DIRECTION OF TRAVEL
EXISTING DIRECTION OF TRAVEL
PROPOSED BRIDGE
PROPOSED MAIN LANES
PROPOSED FRONTAGE ROAD
PROPOSED RAMP
PROPOSED DIRECT CONNECTOR
PROPOSED CROSS STREET
PROPOSED TEMPORARY PAVEMENT
PROPOSED SIDEWALK
FEASIBLE DRIVEWAY LOCATION (SEE NOTE 17)
PAVEMENT TO BE REMOVED
POTENTIAL DISPLACEMENT
CURVE ID
PARCEL ID

GENERAL NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 2013 AND RECORD PLANS.
2. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
3. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NORMAL FACE OF CURB, RAIL, BARRIER, OR WALL UNLESS NOTED OTHERWISE; REFER TO TYPICAL SECTIONS FOR BARRIER TYPES AND LIMITS.
4. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS (FIRM) 48113C0465J, EFFECTIVE 08/18/2014, 48113C0470J, 48113C0485J, 48113C0487J AND 48113C0490J.
5. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DCAD (DALLAS CENTRAL APPRAISAL DISTRICT) ON 11/17/2023 (LATEST DATA AVAILABLE AS OF 2023).
6. EXISTING CULVERT LOCATIONS, SIZES, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
7. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL JURISDICTION THAT THE DRIVEWAY IS A DEDICATED RIGHT OF WAY (DRIVEWAY PROVIDES ACCESS TO PUBLIC).
8. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
9. CURBS ARE TYPE II (6") UNLESS NOTED OTHERWISE.
10. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE DESIGN PHASE OF THE PROJECT.
11. WHERE TOPOLOGY ALLOWS IT IS NOT SHOWN AT THE RAMP LOCATIONS, THE RAMPS WILL BE ADJUSTED AS NEEDED AND DEPENDENT ON DISTRIBUTION OF THE AREA OFFICE THROUGH THE DRIVEWAY PERMIT PROCESS.
12. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE.
13. ALL CROSS STREETS CORNER RADII ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
14. ALL DRIVEWAYS CORNER RADII ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
15. ALL MATCHLINE MEDIAN CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE CONCRETE BARRIER (SSCB) UNLESS NOTED OTHERWISE.
16. INTERSECTION TRAFFIC SIGNAL WARRANT STUDY TO BE PERFORMED IN DETAILED DESIGN.
17. EXACT LOCATION OF FEASIBLE DRIVEWAYS CAN VARY AND SUBJECT TO THE DRIVEWAY PERMITTING PROCESS WITH THOD/ DALLAS DISTRICT AREA OFFICE

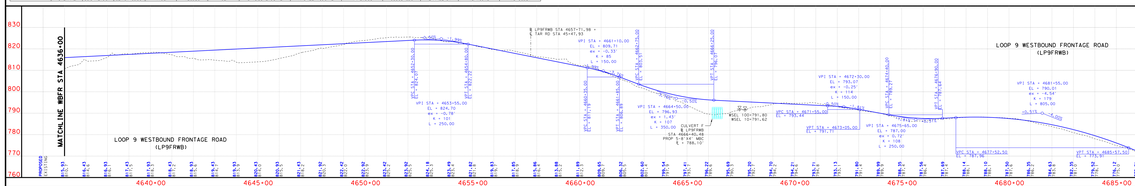
ROLL INDEX

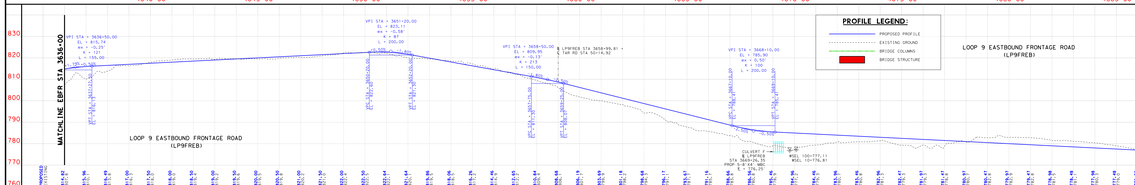
ROLL 1:	LOOP 9 MAINLANES: STA 510+34 TO STA 582+00
ROLL 2:	LOOP 9 MAINLANES: STA 582+00 TO STA 632+00
ROLL 3:	LOOP 9 MAINLANES: STA 632+00 TO STA 682+00
ROLL 4:	LOOP 9 MAINLANES: STA 682+00 TO STA 732+00
ROLL 5:	LOOP 9 MAINLANES: STA 732+00 TO STA 782+00
ROLL 6:	LOOP 9 MAINLANES: STA 782+00 TO STA 832+00
ROLL 7:	LOOP 9 MAINLANES: STA 832+00 TO STA 879+00
ROLL 8:	LOOP 9 MAINLANES: STA 879+00 TO STA 929+00
ROLL 9:	LOOP 9 MAINLANES: STA 929+00 TO STA 979+00
ROLL 10:	LOOP 9 MAINLANES: STA 979+00 TO STA 1029+00
ROLL 11:	LOOP 9 MAINLANES: STA 1029+00 TO END PROJECT
ROLL 12:	CROSS STREET AND U TURN PROFILES



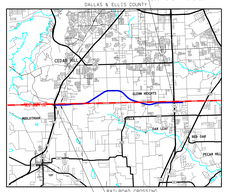
CURVE DATA

	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PI NORTHING	PI EASTING	PC STATION	PT STATION
FRONTAGE ROADS													
EASTBOUND	LFMFRB3	91°-46-7	262°-18-5	315.39	395.14	8000	N 84°22'-35-0 E	S 84°22'-35-0 E	3631+31.89 E	6998625.47	2444831.81	3627+57.70 E	3635+26.84 E
	LFMFRB4	91°-46-7	262°-18-5	315.39	395.14	8000	N 84°22'-35-0 E	S 84°22'-35-0 E	3635+26.84 E	6998625.47	2444831.81	3631+57.70 E	3639+21.98 E
WESTBOUND	LFMFRB1	91°-46-9	262°-18-3	315.41	395.19	8000	N 84°22'-35-0 E	S 84°22'-35-0 E	4648+54.70 E	6998577.78	2447231.22	4644+79.51 E	4652+74.70 E
	LFMFRB2	91°-46-9	262°-18-3	315.41	395.19	8000	N 84°22'-35-0 E	S 84°22'-35-0 E	4652+74.70 E	6998577.78	2447231.22	4648+79.51 E	4656+70.89 E
U-TURNS													
LUTAR1	LUTAR1	90°00'-00-0	143°14'-45-8	63.66	100.48	92	N 84°22'-35-0 E	N 1°53'-21-0 E	11+06.90	6998631.51	2449847.06	10+06.90	11+66.45
	LUTAR2	90°00'-00-0	143°14'-45-8	63.66	100.48	92	N 1°53'-21-0 E	N 84°22'-35-0 E	11+66.45	6998694.51	2449847.06	11+66.45	12+66.90
LUTAR3	LUTAR3	90°00'-00-0	143°14'-45-8	63.66	100.48	92	S 84°22'-35-0 W	S 1°53'-21-0 E	16+13.10	6998694.51	2451513.71	15+13.10	16+63.55
	LUTAR4	90°00'-00-0	143°14'-45-8	63.66	100.48	92	S 1°53'-21-0 E	S 84°22'-35-0 W	16+63.55	6998631.51	2451513.71	15+63.55	17+13.10





TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
CEASON CLEMENS, P.E., DISTRICT ENGINEER
DESIGN SCHEMATIC
LOOP 9 SEGMENT A, ETC
DALLAS & ELLIS COUNTIES
CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
Project Length = 52,661.00 Feet = 9.97 Miles
DESIGN SPEEDS
DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:
FRONTAGE ROADS (URBAN COLLECTOR): - 50 MPH
CROSS STREETS: - 40 MPH
U-TURNS (URBAN COLLECTOR): - 20 MPH



APPROVED SCHEMATIC
NOT FOR CONSTRUCTION
SCHEMATIC PREPARED BY:
REGISTERED PROFESSIONAL ENGINEER
FOR INTERIM REVIEW ONLY; NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
NAME P.E. NUMBER
COLTON G. ELLIS, P.E. 134600
NAME P.E. NUMBER
12/4/2023
DATE
ORIGINAL SCALE
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 10'
ROLL 2 OF 12
BGE, Inc.
2906 Dallas Parkway, Suite 101, Frisco, TX 75034
Tel: 972-464-4800 ● www.bgeinc.com
TBPE Registration No. F-1046
Copyright 2023
© 2023 by Texas Department of Transportation; all rights reserved

COUNTY: DALLAS/ELLIS
DATE: DECEMBER 2023
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY
ROLL 2 OF 12
ORIGINAL SCALE FOR PRINTING: 22" x 34" (ARCH E1)
DO NOT SCALE DRAWINGS