TEXAS DEPARTMENT OF TRANSPORTATION

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

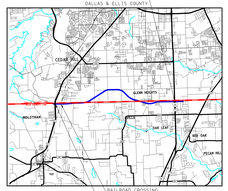
DESIGN SCHEMATIC
LOOP 9 SEGMENT A, ETC
DALLAS & ELLIS COUNTIES

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



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

SCHEMATIC PREPARED BY:
FIRM NAME: BGE, INC.
REGISTRATION NUMBER: F-1046
FOR INTERIM REVIEW ONLY; NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of the undersigned:
HOSSEIN M. HOSSEINI, P.E. 119668
NAME P.E. NUMBER
COLTON A. ELLIS, P.E. 133600
NAME P.E. NUMBER
12/5/2022
DATE

HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

ROLL 7 OF 12

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

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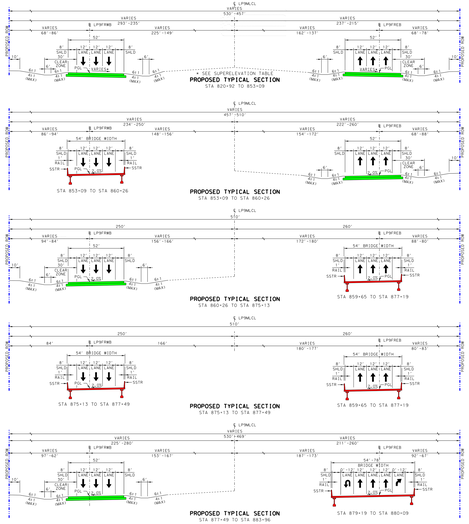
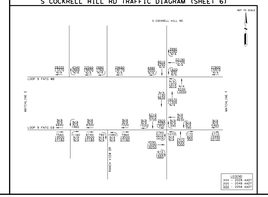
COUNTY: DALLAS/ELLIS
DATE: DECEMBER 2022

DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

ROLL 7 OF 12



S COCKRELL HILL RD TRAFFIC DIAGRAM (SHEET 6)



PARCEL ID	OWNER
2.0	BOLTING DENNIS
2.1	CITY OF GLENN HEIGHTS
2.2	YOUNG RYCHELLE
2.3	YOUNG RYCHELLE
2.4	COLORADO STATE LAND & RYLAND W ABRUS
2.5	FIELDS ANDY
2.6	BEAR CREEK ELEGANCE
2.7	NORTH BUDDY
2.8	NORTH BUDDY
2.9	NORTH BUD E
2.10	NORTH BUD E
2.11	LOS & ROSE STEVE & ANTHONY RAUL RHODES
2.12	MOFADZEL INVESTMENTS INC
2.13	MOFADZEL MAZEN
2.14	LEWIS WOODLEE & MARTHA A
2.15	AGUIRE MARTIN & OTHER ROCIO ROSALES
2.16	MARTINEZ ANTONIO & VERONICA
2.17	MARTINEZ ANTONIO
2.18	WHITE TRACY NEL & WHITEHURST
2.19	CITY OF GLENN HEIGHTS & A.T. SALE
2.20	CITY OF GLENN HEIGHTS & A.T. SALE

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 RAIL
- 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
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

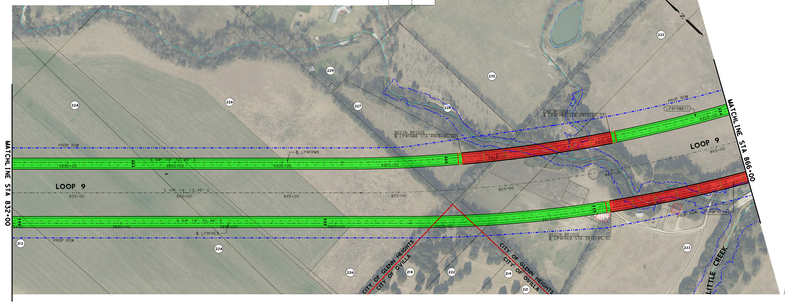
GENERAL NOTES:

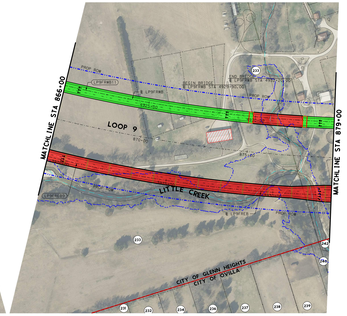
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED DECEMBER 2013 AND RECORD PLANS.
2. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE POLL.
3. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE). REFER TO TYPICAL SECTIONS FOR BARRIER TYPES AND LIMITS.
4. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FIRM MAPS 48113C0465J, EFFECTIVE DATE 09/26/2008 AND 48113C0470J, EFFECTIVE DATE 09/26/2008 (LATEST DATE AVAILABLE AS OF 2022).
5. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM TCAD (LATEST DATA AVAILABLE AS OF 2022).
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 CONSTRUCTION WORK THAT A DRIVEWAY WILL BE DAMAGED OR DELETED. IT IS A REPRESENTATION OF THE LOCATION WITHIN ACCESS MANAGEMENT.
8. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
9. CURBS ARE TYPE II (5") UNLESS NOTED OTHERWISE.
10. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE PROVIDED ACCORDING TO TMUTCD AND TXMUTCD.
11. THE OVERHEAD SIGNS ARE NOT SHOWN AT THE SAME LOCATIONS. CONTROL OF ACCESS WILL BE REVIEWED AND DECIDED AT THE DISTRICTION OF THE AREA OFFICE (WITHIN THE PRELIMINARY PERMIT PROCESS).
10. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
11. 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 WHITELINE 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.

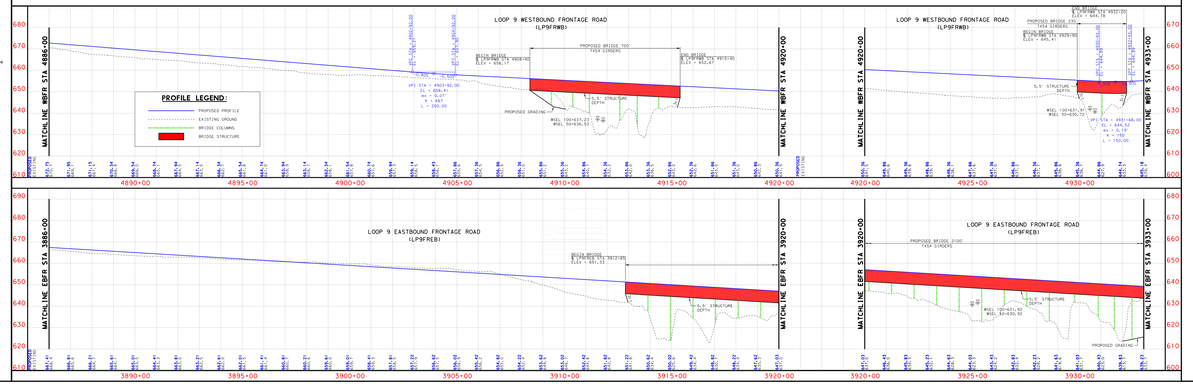
ROLL INDEX

ROLL 1:	LOOP 9 MAINLANES: BEGIN PROJECT 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	LP9FRE35	19°21'16.1"	28° 11'0.1"	1255.55	2224.76	6000	S 49°21'13.5" E	S 70°42'29.6" E	30+23.23 B.P.	6880590.13	2482476.1	29+67.67	52+92.43
WESTBOUND	LP9FRW35	19°21'16.1"	28° 11'0.1"	1255.55	2224.76	6000	S 49°21'13.5" E	S 70°42'29.6" E	30+23.23 B.P.	6880590.13	2482476.1	29+67.67	52+92.43







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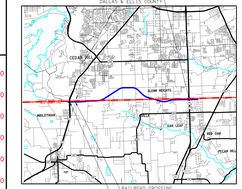
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