TEXAS DEPARTMENT OF TRANSPORTATION

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

DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
Project Length = 9.3 Miles
CSJ # 0261-01-041: US 67 FROM NORTH OF
SHILOH RD TO SOUTH OF MT. LEBANON RD
Project Length = 1.9 Miles

DESIGN SPEEDS

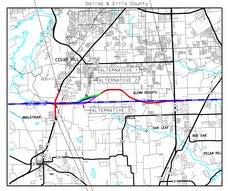
DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (RURAL FREEWAY)	70 MPH
RAMPS AND TRANSITIONS (RURAL FREEWAY)	50 MPH
CROSS STREETS (URBAN COLLECTOR)	30 MPH
CROSS STREETS	15 MPH
U-TURNS (URBAN COLLECTOR)	15 MPH

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

ROLL 1 OF 13



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:
REGISTERED PROFESSIONAL ENGINEER
FOR TXDOT PLANS ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
NAME P.E. NUMBER
MICHAEL D. TEMENSKI, P.E. 113868
NAME P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE 0 250 500
VERTICAL SCALE 0 10

ROLL 1 OF 13

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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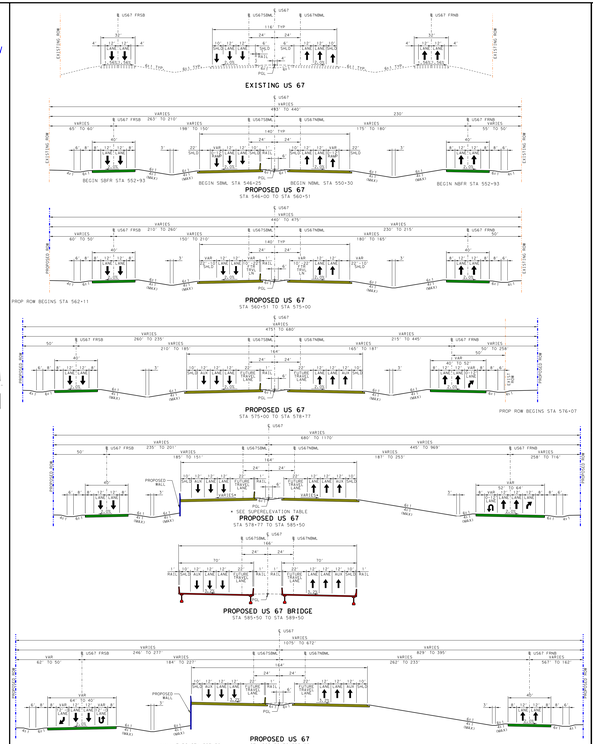

PLAN LEGEND

- PROPOSED ℄
- PROPOSED ROW
- EXISTING ROW
- 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
- PROPOSED DIRECTION OF TRAVEL
- EXISTING DIRECTION OF TRAVEL
- PROPOSED BRIDGE
- PROPOSED MAIN LANES
- PROPOSED FRONTAGE ROAD
- PROPOSED RAMP
- PROPOSED CROSS STREET
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

GENERAL NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL PHOTO, CITY MAPS AND OTHER DATA SOURCES.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PSNC DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
4. 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.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS xxxx, xxxx, xxxx, xxxx, xxxx, xxxx.
6. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS, xxxx, COUNTY APPRAISAL DISTRICTS (LATEST DATA AVAILABLE AS OF xxxx xxxx).
7. EXISTING CULVERT LOCATIONS, SIZE, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING FINAL. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
9. 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.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
11. CURVES ARE TYPE II (R*) UNLESS NOTED OTHERWISE.
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PSNC PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL AND ACCESS WILL BE REVIEWED AND ADDRESS PER DISCRETION OF THE DISTRICT ENGINEER DURING THE PSNC PHASE.
14. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
15. ALL CROSS STREETS CORNER RADII ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
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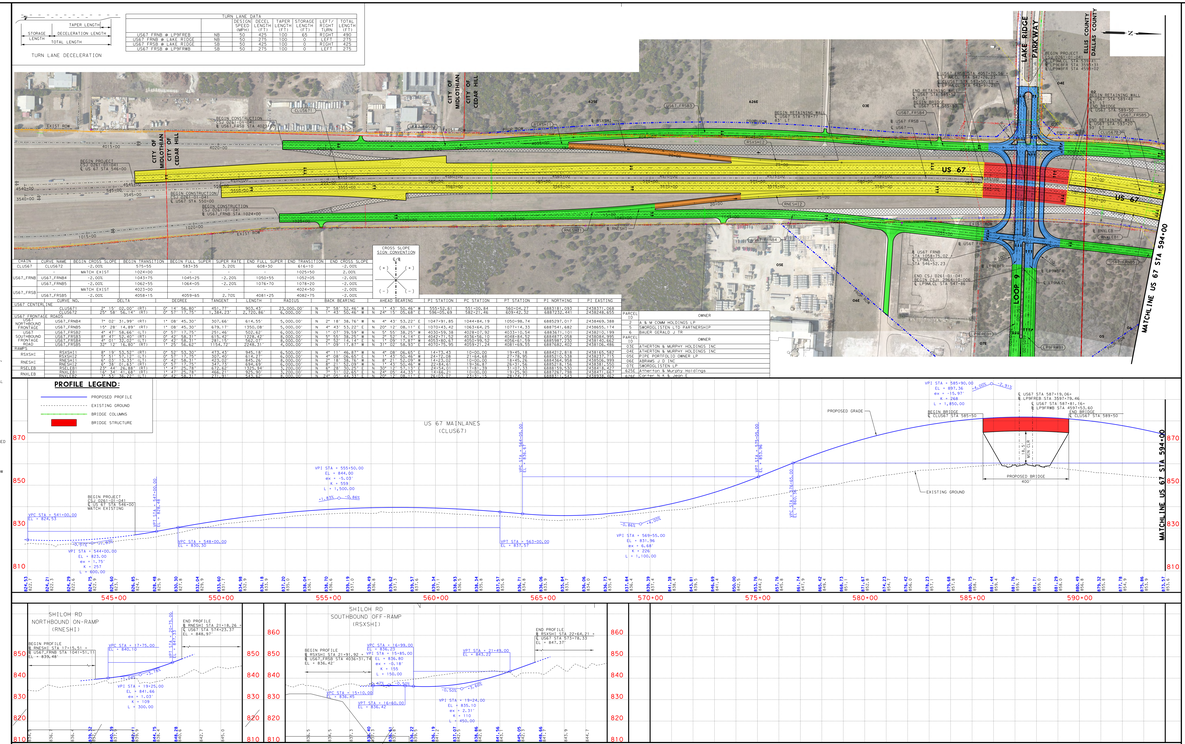
17. ALL MAINLANE MEDIAN CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE TYPE BARRIER (SSCB) UNLESS NOTED OTHERWISE.

ROLL INDEX

ROLL 1:	LOOP 9 MAINLANES, ALTERNATIVE 1B STA 541+00 TO STA 546+00
ROLL 2:	LOOP 9 MAINLANES, ALTERNATIVE 1B STA 546+00 TO STA 551+00
ROLL 3:	LOOP 9 MAINLANES, ALTERNATIVE 1B STA 551+00 TO STA 556+00
ROLL 4:	LOOP 9 MAINLANES, ALTERNATIVE 1B STA 556+00 TO STA 561+00
ROLL 5:	LOOP 9 MAINLANES, ALTERNATIVE 1I STA 561+00 TO STA 566+00
ROLL 6:	LOOP 9 MAINLANES, ALTERNATIVE 1I STA 566+00 TO STA 571+00
ROLL 7:	LOOP 9 MAINLANES, ALTERNATIVE 1I STA 571+00 TO STA 576+00
ROLL 8:	LOOP 9 MAINLANES STA 576+00 TO STA 581+00
ROLL 9:	LOOP 9 MAINLANES STA 581+00 TO STA 585+00
ROLL 10:	LOOP 9 MAINLANES STA 585+00 TO STA 590+00
ROLL 11:	LOOP 9 MAINLANES STA 590+00 TO STA 595+00
ROLL 12:	LOOP 9 MAINLANES STA 595+00 TO STA 600+00
ROLL 13:	LOOP 9 MAINLANES STA 1025+00 TO END PROJECT



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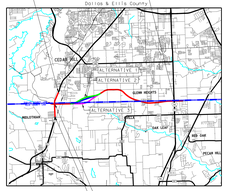
ROLL 1 OF 13



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NAME P.E. NUMBER
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HORIZONTAL SCALE 0 250 500
VERTICAL SCALE 0 10

ROLL 1 OF 13

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ROLL 2 OF 13

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Name P.E. NUMBER
MICHAEL W. CENKOWSKI, P.E. 119869
Name P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE 0 250 500
VERTICAL SCALE 0 50 100

ROLL 2 OF 13

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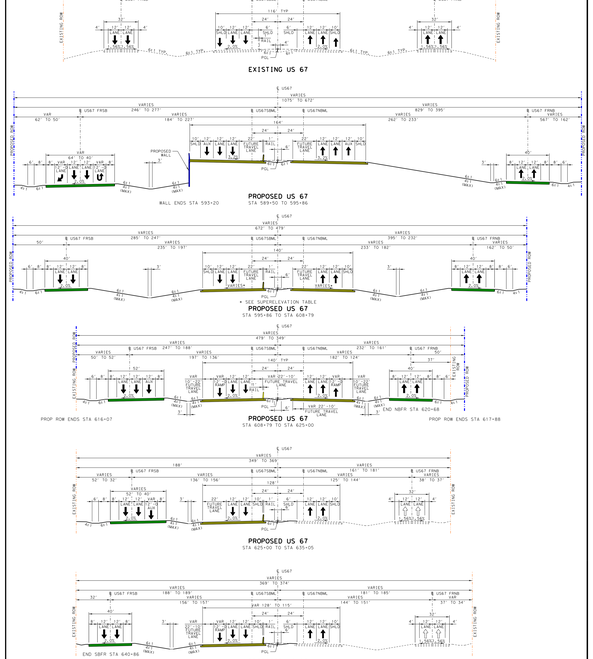

PLAN LEGEND

PROPOSED ℄
PROPOSED ROW
EXISTING ROW
CONTROL OF ACCESS
PROPERTY LINES
CITY LIMITS
100 YR FLOODPLAIN LIMITS
EXISTING PLANIMETRIC FEATURES
COUNTY LINE
PROPOSED EDGE OF PAVEMENT
PROPOSED TRAFFIC BARRIER
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PROPOSED BRIDGE BENT
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PROPOSED DIRECTION OF TRAVEL
EXISTING DIRECTION OF TRAVEL
PROPOSED BRIDGE
PROPOSED MAIN LANES
PROPOSED FRONTAGE ROAD
PROPOSED RAMP
PROPOSED CROSS STREET
PAVEMENT TO BE REMOVED
POTENTIAL DISPLACEMENT
CURVE ID
PARCEL ID

CROSS SLOPE SIGN CONVENTION

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11. CURBS ARE TYPE II (8") UNLESS NOTED OTHERWISE.
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE FINAL PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVISITED AND ADDRESSED AS DISCRETION DURING THE DESIGN PHASE OF THE PROJECT.
14. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
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ROLL INDEX

ROLL 1: US 67 MAINLANES
STA 584+00 TO END PROJECT
ROLL 2: US 67 MAINLANES
STA 584+00 TO END PROJECT
ROLL 3: LOOP 9 MAINLANES
STA 1037+00 TO STA 575+00
ROLL 4: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 575+00 TO STA 625+00
ROLL 5: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 625+00 TO STA 675+00
ROLL 6: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 675+00 TO STA 725+00
ROLL 7: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 725+00 TO STA 775+00
ROLL 8: LOOP 9 MAINLANES
STA 775+00 TO STA 825+00
ROLL 9: LOOP 9 MAINLANES
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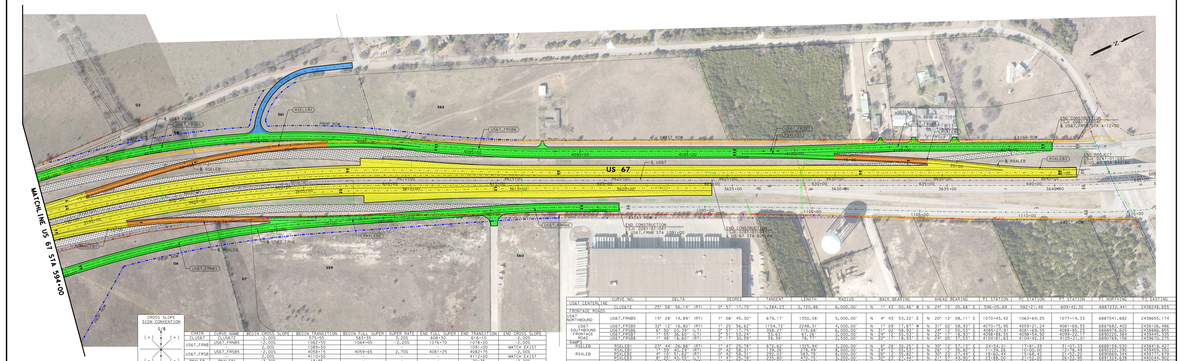
ROLL 13: LOOP 9 MAINLANES
STA 1025+00 TO END PROJECT

PARCEL	OWNER
1	J & R COMM HOLDINGS LP
2	DOMMERICH, HOLDINGS LP
3	DMOSS,CITIES LTD PARTNERSHIP
4	DMOSS,CITIES LTD
5	ATTANASIO & RAFFIA PROPERTIES
5A	TRATTORIA BUCCINI



CROSS STREET	STREET NAME	BEGIN STATION	BEGIN OFFSET	BEGIN LATITUDE	BEGIN LONGITUDE	END STATION	END OFFSET	END LATITUDE	END LONGITUDE
FRONTAGE ROADS									
US67 NORTHBOUND	US67_FRNBS	15' 28' 14.89" (R1)	11' 28' 45.30"	676.17	1365.08'	5,000.00'	N 4° 43' 53.20" E	N 20° 12' 08.11" E	2370145.42 1063484.29
US67 SOUTHBOUND	US67_FRSBS	15' 28' 14.89" (R1)	11' 28' 45.30"	676.17	1365.08'	5,000.00'	N 4° 43' 53.20" E	N 20° 12' 08.11" E	2370145.42 1063484.29
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US67 NORTHBOUND	US67_FRNBE	15' 28' 14.89" (R1)	11' 28' 45.30"	676.17	1365.08'	5,000.00'	N 4° 43' 53.20" E	N 20° 12' 08.11" E	2370145.42 1063484.29
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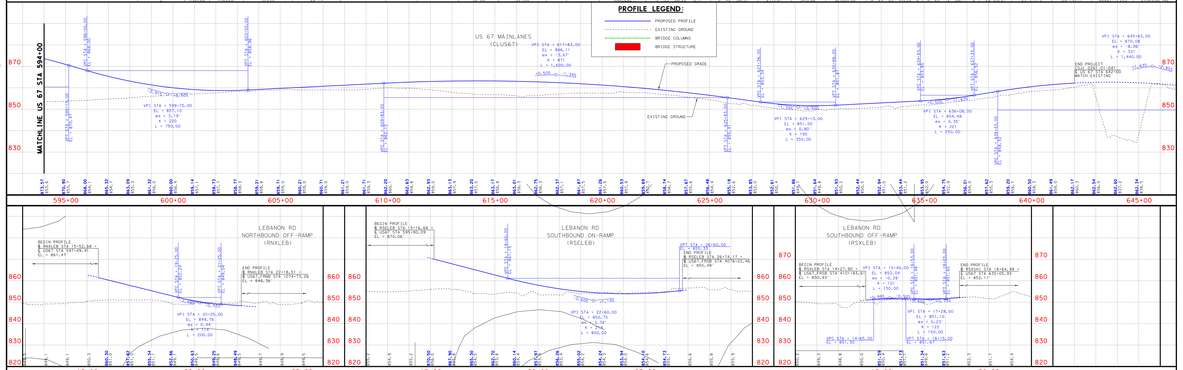
RAMPS									
RAMP	RAMP1	14' 00' 00.00" (R1)	14' 00' 00.00"	1,000.00	1,000.00	2,000.00'	N 0° 00' 00.00" E	N 14° 00' 00.00" E	2369145.42 1064484.29
RAMP	RAMP2	14' 00' 00.00" (R1)	14' 00' 00.00"	1,000.00	1,000.00	2,000.00'	N 0° 00' 00.00" E	N 14° 00' 00.00" E	2369145.42 1064484.29
RAMP	RAMP3	14' 00' 00.00" (R1)	14' 00' 00.00"	1,000.00	1,000.00	2,000.00'	N 0° 00' 00.00" E	N 14° 00' 00.00" E	2369145.42 1064484.29
RAMP	RAMP4	14' 00' 00.00" (R1)	14' 00' 00.00"	1,000.00	1,000.00	2,000.00'	N 0° 00' 00.00" E	N 14° 00' 00.00" E	2369145.42 1064484.29
RAMP	RAMP5	14' 00' 00.00" (R1)	14' 00' 00.00"	1,000.00	1,000.00	2,000.00'	N 0° 00' 00.00" E	N 14° 00' 00.00" E	2369145.42 1064484.29
RAMP	RAMP6	14' 00' 00.00" (R1)	14' 00' 00.00"	1,000.00	1,000.00	2,000.00'	N 0° 00' 00.00" E	N 14° 00' 00.00" E	2369145.42 1064484.29
RAMP	RAMP7	14' 00' 00.00" (R1)	14' 00' 00.00"	1,000.00	1,000.00	2,000.00'	N 0° 00' 00.00" E	N 14° 00' 00.00" E	2369145.42 1064484.29
RAMP	RAMP8	14' 00' 00.00" (R1)	14' 00' 00.00"	1,000.00	1,000.00	2,000.00'	N 0° 00' 00.00" E	N 14° 00' 00.00" E	2369145.42 1064484.29

PROFILE LEGEND:

PROPOSED PROFILE
EXISTING GROUND
BRIDGE COLUMNS
BRIDGE STRUCTURE



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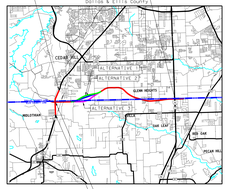
ROLL 3 OF 13



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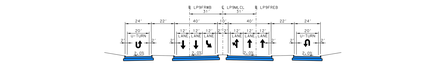
℄ LP9MFRD
℄ LP9MLCL
℄ LP9FRD
24'
22'
40'
40'
22'
24'
2%
2%
2%
2%
6:1
6:1
6:1

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DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

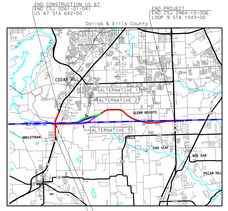
CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
Project Length = 9.3 Miles
CSJ # 0261-01-041: US 67 FROM NORTH OF
SHILOH RD TO SOUTH OF MT. LEBANON RD
Project Length = 1.9 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (RURAL FREEWAY):	70 MPH
RAMPS AND TRANSITIONS (RURAL FREEWAY):	50 MPH
CROSS STREETS (URBAN COLLECTOR):	35 MPH
CROSS STREETS:	15 MPH
U-TURNS (URBAN COLLECTOR):	15 MPH

ALTERNATIVE 1



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:
RECEIPTNO 2964-10-006
FOR INTERACTIVE 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
MICHAEL W. CENKOWSKI, P.E. 113848
NAME P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE 0 25 50
VERTICAL SCALE 0 5 10

ROLL 4 OF 13

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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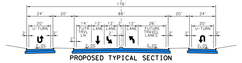
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
DESIGN SCHEMATIC - LOOP 9 DALLAS/ELLIS COUNTY
ROLL 4 OF 13

PROPOSED TYPICAL SECTION
STA 510+00 TO STA 580+00

PROPOSED TYPICAL SECTION
STA 580+00 TO STA 655+00



PROPOSED TYPICAL SECTION
TAR RD

PARCEL	OWNER
1	DETTMAN MARSHALL PROPERTIES
2	DETTMAN MARSHALL PROPERTIES
3	BAXTER WILLIAM J.
4	BAXTER DEVANDOLIT EST &
5	CLANAN ALBERT J
6	CLANAN ALBERT J
7	CLANAN ALBERT J
8	POTTER CLOTILE B JR & PATTI A
9	CAMPBELL MICHAEL L
10	PAHM WALTER
11	COCHRAN JIMMY DON &
12	COCHRAN LEO
13	COCHRAN LEO JEAN
14	HUERTA JUAN M & BLANCHA L
PARCEL	OWNER
15	MOLOTIAN BROADCASTING LLC
16	MOLOTIAN MICHAEL PROPERTIES LTD
17	BETTS MARY
18	MOUTINO HERO D
19	MOUTINO HERO & ALICIA D
20	WITCHCRAFT PROPERTIES LLC
21	BAUTISTA DEVANDO & JULIA T
22	BAUTISTA RAYMOND &
23	FEDERAL NATIONAL MORTGAGE ASSOCIATION
24	HUDSON ROBERT B & CORINNE
25	MICHAEL DENNIS & CORINNE
26	POTTER CLOTILE B JR & PATTI A
27	POTTER CLOTILE B JR & PATTI A
28	CAMPBELL MICHAEL L
29	PAHM WALTER
30	PAHM WALTER
31	MARTINEZ NELSON V & BERTHA G
32	STEPHENS BART JR & MARY JULIA
33	STEPHENS BART JR & MARY JULIA
34	ROBERT WILLIE & DOLORES ANN
35	COCHRAN LEO JEAN
36	COCHRAN LEO JEAN
37	COCHRAN LEO
38	RODRIGUEZ JONATHAN A & CHERISE
39	OTERO GUTIERREZ

PLAN LEGEND

- PROPOSED ℄/℄
- PROPOSED ROW
- EXISTING ROW
- 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 BENT
- PROPOSED CULVERT
- PROPOSED DIRECTION OF TRAVEL
- EXISTING DIRECTION OF TRAVEL
- PROPOSED BRIDGE
- PROPOSED MAIN LANES
- PROPOSED FRONTAGE ROAD
- PROPOSED RAMP
- PROPOSED CROSS STREET
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

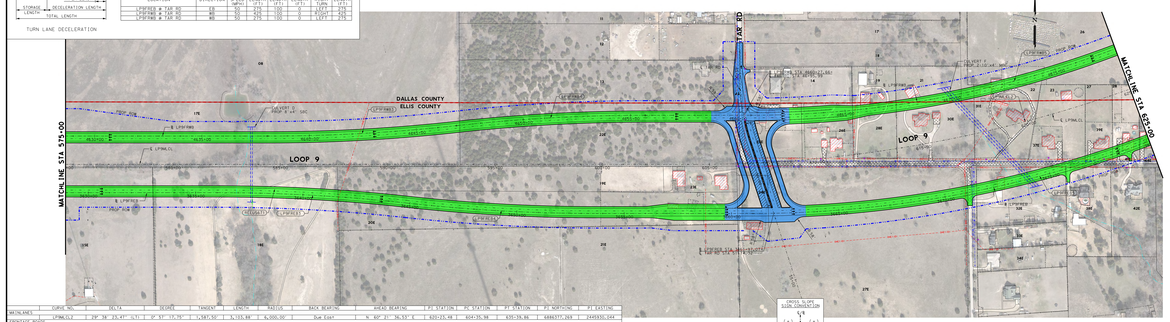
GENERAL NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON DALLAS COUNTY GIS DATA AND AERIAL PHOTOGRAPHY ONLY.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PSNC DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
4. 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.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS xxxx, xxxx, xxxx, xxxx, xxxx, xxxx.
6. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS, xxxx, COUNTY APPRAISAL DISTRICTS (LATEST DATA AVAILABLE AS OF xxxx xxxx).
7. EXISTING CULVERT LOCATIONS, SIZES, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING PSNC. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
9. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENTS THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS SPACING LIMITS.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
11. CURVES ARE TYPE II (R*) UNLESS NOTED OTHERWISE.
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PSNC PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVISITED AND ADDRESSED IN THE DESIGN PHASE OF THE PROJECT. (DURING PSNC PHASE).
14. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
15. ALL CROSS STREETS CORNER RADII ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
16. ALL DRIVEWAYS CORNER RADII ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
17. ALL MAINLANE MEDIAN CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE CONCRETE BARRIER (SSCB) UNLESS NOTED OTHERWISE.

ROLL INDEX

ROLL 1: US 67 MAINLANES
BEGIN PROJECT TO STA 594+00
ROLL 2: US 67 MAINLANES
STA 594+00 TO END PROJECT
ROLL 3: LOOP 9 MAINLANES
STA 947+00 TO STA 575+00
ROLL 4: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 575+00 TO STA 625+00
ROLL 5: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 625+00 TO STA 675+00
ROLL 6: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 675+00 TO STA 725+00
ROLL 7: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 725+00 TO STA 775+00
ROLL 8: LOOP 9 MAINLANES
STA 775+00 TO STA 825+00
ROLL 9: LOOP 9 MAINLANES
STA 825+00 TO STA 875+00
ROLL 10: LOOP 9 MAINLANES
STA 875+00 TO STA 925+00
ROLL 11: LOOP 9 MAINLANES
STA 925+00 TO STA 975+00
ROLL 12: LOOP 9 MAINLANES
STA 975+00 TO STA 1025+00
ROLL 13: LOOP 9 MAINLANES
STA 1025+00 TO END PROJECT

TURN LANE DATA							
LOCATION	DIRECTION	DESIGN SPEED (MPH)	DECEL. LENGTH (FT)	TAPER LENGTH (FT)	STORAGE LENGTH (FT)	LEFT (FT)	TOTAL LENGTH (FT)
LPSFRWD @ FAR RD	RT	50	215	100	0	315	315
LPSFRWD @ FAR RD	LT	50	215	100	0	315	315
LPSFRED @ FAR RD	RT	40	215	100	0	315	315
LPSFRED @ FAR RD	LT	40	215	100	0	315	315


TAR RD
MATCHLINE STA 625+00
MATCHLINE STA 575+00
DALLAS COUNTY
ELLIS COUNTY
LOOP 9
LOOP 9
℄ LPMAIN
℄ LPSFRWD
℄ LPSFRED
℄ LPSFRWD STA 46+00.00
℄ LPSFRED STA 46+00.00

TEXAS DEPARTMENT OF TRANSPORTATION

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

DESIGN SCHEMATIC
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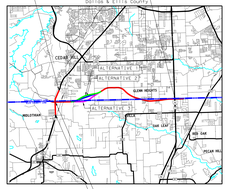
MAINLANES (URBAN COLLECTOR)	- 50 MPH
CROSS STREETS	- 40 MPH
U-TURNS (URBAN COLLECTOR)	- 15 MPH

ALTERNATIVE 1



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Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
MICHAEL W. CENKOWSKI, P.E. 113846
P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE 0 200 400
VERTICAL SCALE 0 10

ROLL 5 OF 13

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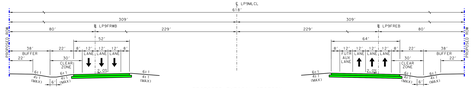
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
ROLL 5 OF 13

PROPOSED TYPICAL SECTION
STA 580+00 TO STA 655+02

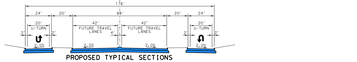


PROPOSED TYPICAL SECTION
STA 655+02 TO STA 669+67

STA 669+67 TO STA 673+13
STA 677+53 TO STA 682+42

PROPOSED TYPICAL SECTION
STA 669+67 TO STA 673+10

PROPOSED TYPICAL SECTION
STA 673+10 TO STA 677+53



PROPOSED TYPICAL SECTIONS
CLARK RD

PLAN LEGEND

- PROPOSED ℄
- PROPOSED ROW
- EXISTING ROW
- 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
- PROPOSED DIRECTION OF TRAVEL
- EXISTING DIRECTION OF TRAVEL
- PROPOSED BRIDGE
- PROPOSED MAIN LANES
- PROPOSED FRONTAGE ROAD
- PROPOSED RAMP
- PROPOSED CROSS STREET
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

GENERAL NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON DATA FROM DALLAS COUNTY AND TXDOT RECORD DRAWINGS.
2. FINAL LOCATION OF BRIDGE OPENINGS WILL BE DETERMINED IN THE PDNA DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS IS ROTATED ABOUT THE PGL.
4. 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.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS xxxx, xxxx, xxxx, xxxx, xxxx, xxxx.
6. UNDERLAY INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS, xxxx, COUNTY APPRAISAL DISTRICTS (LATEST DATA AVAILABLE AS OF xxxx xxxx).
7. EXISTING CULVERT LOCATIONS, SIZES, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING FINAL. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
9. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENT AND THE DESIGNER THAT IT IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS GENERAL LIMITS.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
11. CURVES ARE TYPE II (R*) UNLESS NOTED OTHERWISE.
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PDNA PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVISITED AND ADDRESSED AS DESCRIBED IN THE PDNA DOCUMENT DURING THE PDNA PHASE OF THE PROJECT.
14. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
15. ALL CROSS STREETS CORNER RADII ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
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ROLL INDEX

ROLL 1:	US 67 MAINLANES BEGIN PROJECT TO STA 594+00
ROLL 2:	US 67 MAINLANES STA 594+00 TO END PROJECT
ROLL 3:	LOOP 9 MAINLANES STA 547+15 TO STA 575+00
ROLL 4:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 575+00 TO STA 625+00
ROLL 5:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 625+00 TO STA 675+00
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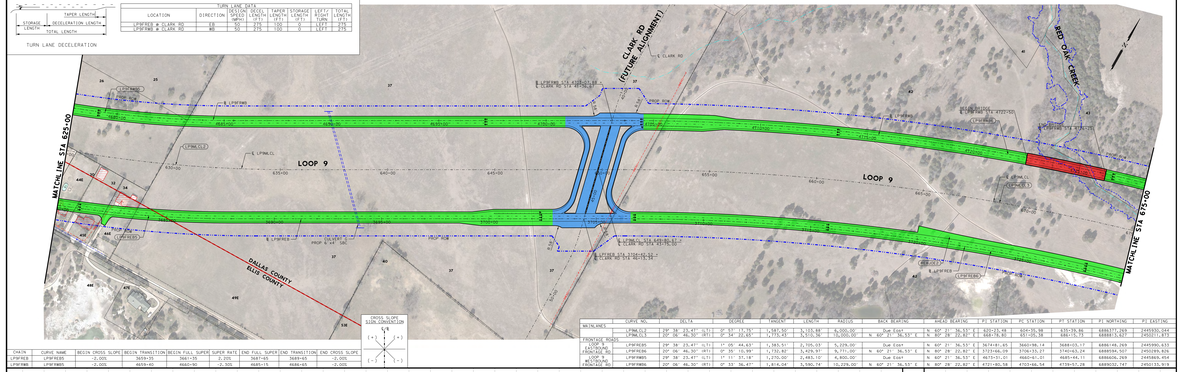
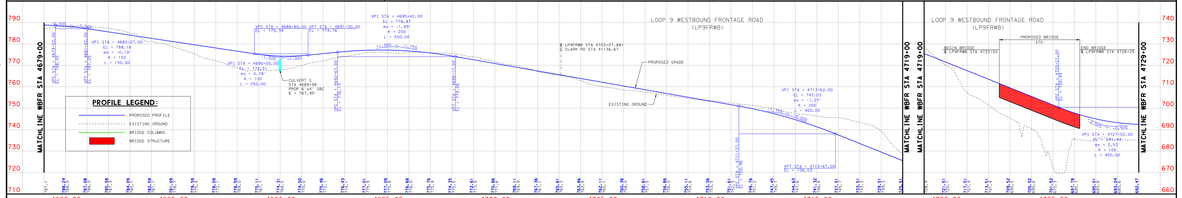
PARCEL	OWNER
1	FRANK NIXON
2	FRANK NIXON
3	WATER OF STEPHANIE
4	DELLANEY CAPITAL
5	MCCLAIN, ALEXANDRIA
6	OCEACH RANCHES LTD
7	OCEACH RANCHES LTD
8	DALLAS COUNTY, STATE OF
9	OCEACH RANCHES LTD
10	DALLAS COUNTY & BARBARA

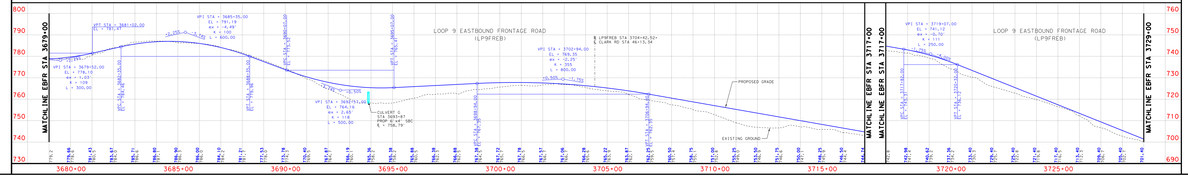
PARCEL	OWNER
11	FLAVIUS STEPHANIE L
12	DELLANEY CAPITAL
13	MENDEZ JOSE A & ALEJANDRA
14	MENDEZ JOSE A & ALEJANDRA
15	MOHLAND, TIMOTHY & MARISSA W
16	OCEACH RANCHES LTD



CHAIN	CURVE NAME	BEGIN CROSS SLOPE	BEGIN TRANSITION	BEGIN FULL SUPER	SUPER RATE	END FULL SUPER	END TRANSITION	END CROSS SLOPE
LPSFWB	LPSFWB01	-2.00%	3685+35	3685+35	-2.00%	3688+65	3688+65	-2.00%
LPSFWB	LPSFWB05	-2.00%	4689+80	4689+80	-2.00%	4689+15	4689+65	-2.00%

MATELINE	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION	PI NORTHING	PI EASTING
LPTMLCL	1	20° 36' 41"	01° 14' 11"	1,167.92	2,302.35	4,600.00	S 89°21'16" E	S 69°15'36" E	635+36.90	618+67.55	641+70.90	6888571.269	2049856.597
LPTMLCL	2	20° 26' 46.50"	01° 14' 23.65"	1,173.43	2,313.38	4,600.00	N 69° 21' 36.53" E	N 89° 28' 20.83" E	681+26.39	664+12.73	686+51.57	6888613.527	2052011.813
FRONTAGE ROAD													
LPSFWB	3	25° 26' 15.41"	01° 05' 44.83"	1,383.51	2,725.20	5,229.00	S 64° E±0°	N 90° 26' 53" E	3687+35.11	3684+51.59	3711+60.79	6888178.14	3687+35.11
LPSFWB	4	20° 26' 46.30"	01° 05' 19.99"	1,132.92	2,229.97	5,711.00	N 90° 21' 36.53" E	N 90° 21' 36.53" E	4689+80.00	4687+47.08	4710+46.24	6888594.507	2402089.826
LPSFWB	5	25° 26' 15.41"	01° 11' 31.16"	1,275.00	2,503.12	4,800.00	S 64° E±0°	S 64° E±0°	3688+65.00	3686+90.00	3712+93.12	6888466.299	2049866.494
LPSFWB	6	20° 26' 46.50"	01° 13' 36.47"	1,014.64	1,990.74	4,229.00	N 90° 21' 36.53" E	N 90° 28' 20.83" E	4707+80.58	4703+66.54	4729+57.28	6889032.747	2402215.519





TEXAS DEPARTMENT OF TRANSPORTATION

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

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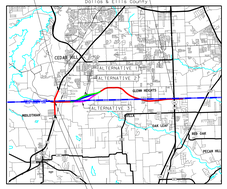

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MICHAEL W. CENKOWSKI, P.E. 113846
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HORIZONTAL SCALE 0 200 400
VERTICAL SCALE 0 10

ROLL 5 OF 13

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DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
ROLL 5 OF 13

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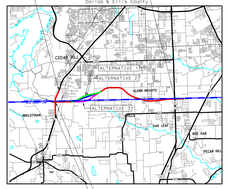

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INPUT AND TECHNICAL REVIEW

SCHEMATIC PREPARED BY:
TEXAS DEPARTMENT OF TRANSPORTATION
FOR INTERPRETATION ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
Name P.E. NUMBER
MICHAEL TEN DOMINICA, P.E. 113665
Name P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE
0 200 400 800
VERTICAL SCALE
0 10 20 40

ROLL 6 OF 13

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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DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

ROLL 6 OF 13

PROPOSED SIDE DR
℄ LPIMLCL
61.0'
℄ LPSFWB
℄ LPSFWB
309'
229'
309'
80'
80'
52'
58' BUFFER
22' 12' 12' 22'
CLEAR ZONE
[LANE][LANE][LANE]
38' BUFFER
TRAF. BARR.
TRAF. BARR.
BRIDGE RAIL
BRIDGE RAIL
BRIDGE RAIL

TEXAS DEPARTMENT OF TRANSPORTATION

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

DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

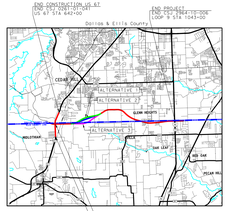
CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
Project Length = 9.3 Miles
CSJ # 0261-01-041: US 67 FROM NORTH OF
SHILOH RD TO SOUTH OF MT. LEBANON RD
Project Length = 1.9 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (RURAL FREEWAY)	- 70 MPH
RAMPS AND TRANSITIONS (RURAL FREEWAY)	- 50 MPH
RAMPS AND TRANSITIONS (URBAN COLLECTOR)	- 40 MPH
CROSS STREETS	- 35 MPH
U-TURNS (URBAN COLLECTOR)	- 15 MPH

ALTERNATIVE 1



60% DRAFT
PRELIMINARY, SUBJECT TO CHANGE WITHOUT NOTICE

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P.E. NUMBER
MICHAEL T. CENKOWSKI, P.E. 119868
P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE: 0 100 200 300
VERTICAL SCALE: 0 5 10

ROLL 7 OF 13

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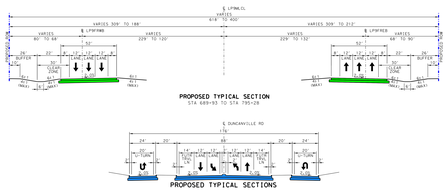
ORIGINAL PLOT DATE 7/1/2019
LAST REVISED DATE
DGN FILE: ROLL7_DESIGN SCHEMATIC - LOOP 9 - DALLAS-ELLIS COUNTY.DGN



PLAN LEGEND

- PROPOSED ℄
- PROPOSED ROW
- EXISTING ROW
- 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 BENT
- PROPOSED CULVERT
- PROPOSED DIRECTION OF TRAVEL
- EXISTING DIRECTION OF TRAVEL
- PROPOSED BRIDGE
- PROPOSED MAIN LANES
- PROPOSED FRONTAGE ROAD
- PROPOSED RAMP
- PROPOSED CROSS STREET
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

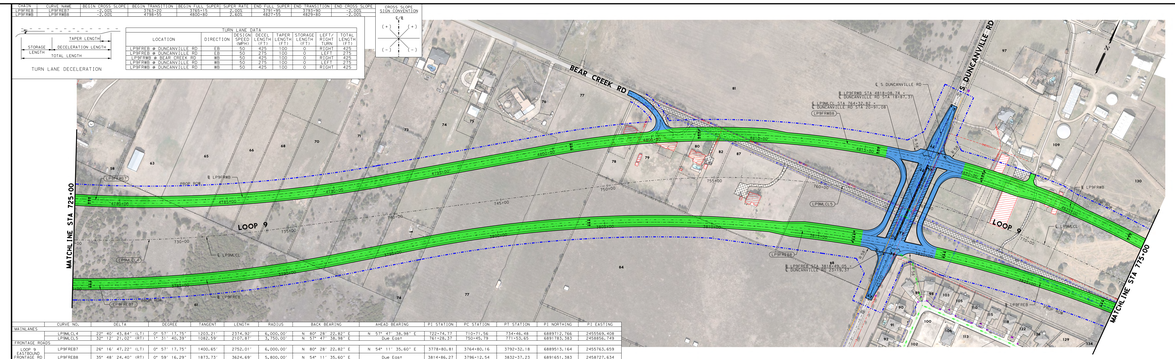
GENERAL NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL MAPS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE FINAL DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE PGL.
4. 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.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS xxxx, xxxx, xxxx, xxxx, xxxx, xxxx.
6. ORIGINATION INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS, xxxx, COUNTY APPRAISAL DISTRICTS (LATEST DATA AVAILABLE AS OF xxxx xxxx).
7. EXISTING CULVERT LOCATIONS, SIZES, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING FINAL. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
9. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED IN COORDINATION WITH THE LOCAL GOVERNMENTS THAT THE DRIVEWAY IS A SAFETY ISSUE AND/OR IS LOCATED WITHIN ACCESS GENERAL LIMITS.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PARTIALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
11. CURBS ARE TYPE II (8") UNLESS NOTED OTHERWISE.
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE FINAL PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVISITED AND ADDRESSED IN THE DESIGN PHASE. ACCESS WILL BE REVISITED AND ADDRESSED IN THE FINAL PHASE.
14. EXISTING PAVEMENT/BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
15. ALL CROSS STREETS CORNER RADII ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
16. ALL DRIVEWAYS CORNER RADII ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
17. ALL METALANE MEDIAN CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE MEDIAN BARRIER (SSCB) UNLESS NOTED OTHERWISE.

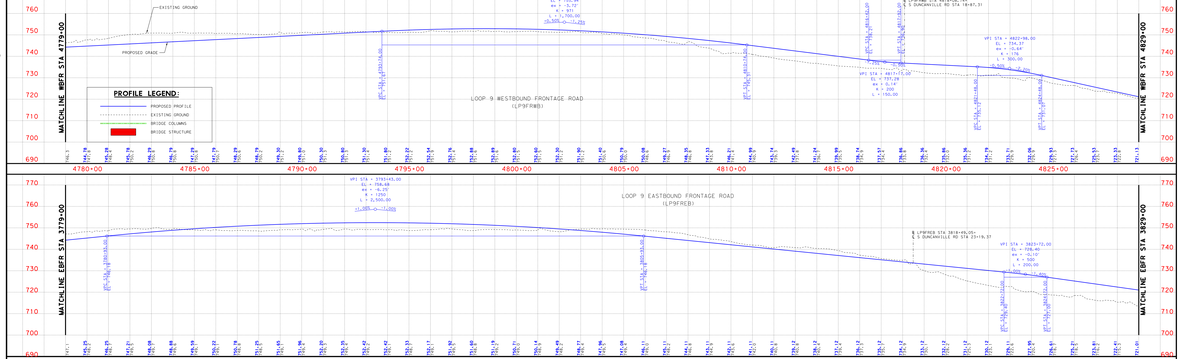
ROLL INDEX

ROLL	PAGE	DESCRIPTION
ROLL 1:		US 67 MAINLANES: BEGIN PROJECT TO STA 594+00
ROLL	2:	US 67 MAINLANES: STA 594+00 TO END PROJECT
ROLL	3:	LOOP 9 MAINLANES: STA 689+50 TO STA 575+00
ROLL	4:	LOOP 9 MAINLANES (ALTERNATIVE 1): STA 575+00 TO STA 625+00
ROLL	5:	LOOP 9 MAINLANES (ALTERNATIVE 1): STA 625+00 TO STA 675+00
ROLL	6:	LOOP 9 MAINLANES (ALTERNATIVE 1): STA 675+00 TO STA 725+00
ROLL	7:	LOOP 9 MAINLANES (ALTERNATIVE 1): STA 725+00 TO STA 775+00
ROLL	8:	LOOP 9 MAINLANES: STA 775+00 TO STA 825+00
ROLL	9:	LOOP 9 MAINLANES: STA 825+00 TO STA 875+00
ROLL	10:	LOOP 9 MAINLANES: STA 875+00 TO STA 925+00
ROLL	11:	LOOP 9 MAINLANES: STA 925+00 TO STA 975+00
ROLL	12:	LOOP 9 MAINLANES: STA 975+00 TO STA 1025+00
ROLL	13:	LOOP 9 MAINLANES: STA 1025+00 TO END PROJECT

PARCEL NO.	OWNER
58	LUTLITZ LELAND
61	MOSLA JOHN
62	MOSLA JOHN & WANDA
63	WHITE LEON & ELIZABETH
64	WHITE LEON L & ELIZ A TR
70	HUGH JAMES D & BIELL W
71	LINDAY INC
72	LINDAY INC
73	ALVAREZ MARTI
74	ALVAREZ MARTI
75	ALVAREZ MARTI
76	MONCHESTER STACY S
79	DUTCHFIELD STANLEY
80	HOLLIS JAMES & BEATRIZ
81	C. MEADOWS LLC
82	SERRANO JOSE & BEATRIZ
83	SERRANO JOSE
84	MIDLOTHIANTV PARADE M
85	KEDDY WILLIS MORTGAGE CORPORATION
86	MORALES ERNESTO
87	MORALES ERNESTO
88	CARDOZO DAVID
89	FLOWERS CHRISTOPHER W &
90	FLOWERS CHRISTOPHER W &
94	LUNA STELLA & MARTIN M
95	ZUNIGA EDWARD
96	WILLIAMS KIMBALL L &
110	ZUNIGA EDWARD
111	FITZGERALD MARY JO REVOCABLE LIVING TR
116	EVANS WANDA S
117	MARTINEZ JESSE E
118	MARTINEZ JESSE
119	MAXWELL STEPHANIE D
120	MAXWELL JAMES
121	S.F. INVESTMENTS
122	S.F. DURBIN & JOHN DU
123	S.F. DURBIN & JOHN
124	HEAL JOHNNYW & CHRISTINA
125	BEAR CREEK RANCH OWNERSHIP ASSN



MAINLANES	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
	LP9MCL9	24° 49' 44" (LT)	0° 57' 17.75"	1122.52	2212.38	6,000.00	N 89° 28' 22.82" E	N 64° 38' 38" E	3721+74.17	3710+51.86	3732+64.24	689915.160	2455508.458
	LP9MCL10	24° 49' 21" (LT)	0° 57' 17.75"	1122.31	2211.54	6,000.00	N 64° 38' 38" E	N 39° 49' 16" E	3833+86.55	3822+64.78	3844+76.32	689180.383	2456806.725
FRONTAGE ROADS							DUE EAST						
LOOP 9 EASTBOUND FRONTAGE RD	LP9FRE87	29° 16' 47.22" (LT)	0° 57' 17.75"	1405.65	2752.01	6,000.00	N 80° 28' 22.82" E	N 54° 11' 35.40" E	3778+85.81	3764+80.16	3792+32.18	689915.160	2455763.659
	LP9FRE88	30° 48' 24.40" (RT)	0° 59' 16.29"	1875.72	3624.49	5,800.00	N 54° 11' 35.40" E	Due East	3841+86.27	3796+12.54	3820+37.23	689915.383	2458721.634
LOOP 9 WESTBOUND FRONTAGE RD	LP9FRW87	29° 28' 35.18" (LT)	0° 57' 17.75"	1386.67	2668.47	6,000.00	N 80° 28' 22.82" E	N 54° 39' 27.63" E	4779+06.87	4765+53.20	4792+21.66	689204.634	2455763.919
	LP9FRW88	31° 40' 06.03" (RT)	1° 31' 51.07"	1432.59	2761.23	4,200.00	N 54° 39' 27.63" E	S 87° 20' 26.33" E	4841+48.01	4800+36.41	4827+97.65	689204.634	2458773.919



TEXAS DEPARTMENT OF TRANSPORTATION

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

DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
Project Length = 9.3 Miles
CSJ # 0261-01-041: US 67 FROM NORTH OF
SHILOH RD TO SOUTH OF MT. LEBANON RD
Project Length = 1.9 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (RURAL FREEWAY) - 70 MPH
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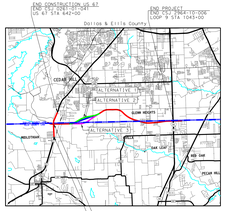
RAMPS AND TRANSITIONS (URBAN COLLECTOR) - 40 MPH
CROSS STREETS - 35 MPH
U-TURNS (URBAN COLLECTOR) - 15 MPH

ALTERNATIVE 1



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P.E. NUMBER
MICHAEL T. CENKOWSKI, P.E. 119868
P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE: 0 100 200 300
VERTICAL SCALE: 0 5 10

ROLL 7 OF 13

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ORIGINAL PLOT DATE 7/1/2019
LAST REVISED DATE
DGN FILE: ROLL7_DESIGN SCHEMATIC - LOOP 9 - DALLAS-ELLIS COUNTY.DGN

TEXAS DEPARTMENT OF TRANSPORTATION
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
DESIGN SCHEMATIC - LOOP 9 DALLAS/ELLIS COUNTY
ROLL 7 OF 13

TEXAS DEPARTMENT OF TRANSPORTATION

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MOHAMED K. BUR, P.E., DISTRICT ENGINEER

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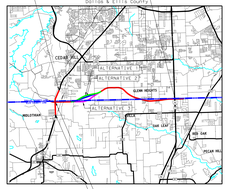

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NAME P.E. NUMBER
MICHAEL D. CONINSKI, P.E. 119868
NAME P.E. NUMBER
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ORIGINAL SCALE
0 250 500
REDUCED SCALE
0 25 50

ROLL 8 OF 13

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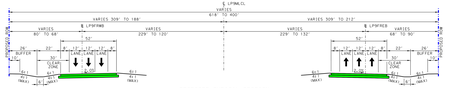
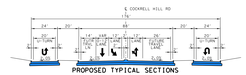


PROPOSED TYPICAL SECTION
STA 689+93 TO STA 795+18

STA 797+20 TO STA 799+68

PROPOSED TYPICAL SECTION
STA 799+20 TO STA 805+25

PROPOSED TYPICAL SECTION
STA 805+29 TO STA 853+19


℄ COCKRELL HILL RD
15'
24'
20'
24'
20'
14'
14'
24'
24'
2% 2%
2% 2%
2% 2%

TEXAS DEPARTMENT OF TRANSPORTATION

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

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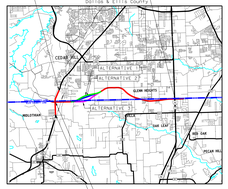

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P.E. NUMBER
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ORIGINAL SCALE
HORIZONTAL SCALE 0 250 500
VERTICAL SCALE 0 5 10

ROLL 9 OF 13

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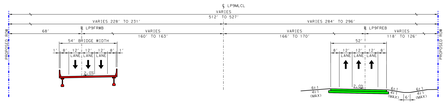
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

ROLL 9 OF 13

PROPOSED TYPICAL SECTION
STA 800+29 TO STA 853+75



PROPOSED TYPICAL SECTION
STA 853+75 TO STA 859+29

PROPOSED TYPICAL SECTION
STA 859+29 TO STA 859+58

PROPOSED TYPICAL SECTION
STA 859+58 TO STA 860+35

STA 860+28 TO STA 862+73

PROPOSED TYPICAL SECTION
STA 862+73 TO STA 874+72

STA 875+11 TO STA 877+66

PROPOSED TYPICAL SECTION
STA 874+72 TO STA 875+63

PARCEL NO.	OWNER
201	BLUE MOON
202	BLUE COURTS TRACT PARTNERSHIP
203	HOLICA WALLACE N.
204	HOLICA WALLACE N.
205	HOLICA WALLACE N.
206	HOLICA WALLACE N.
207	HOLICA WALLACE N.
208	NORTH ROB I
209	NORTH ROB I
210	NORTH ROB I
211	NORTH ROB I
212	MIDLOTHIAN MEDICAL
213	MIDLOTHIAN MEDICAL
214	MIDLOTHIAN MEDICAL
215	MIDLOTHIAN INVESTMENTS, INC
216	MIDLOTHIAN INVESTMENTS, INC
217	HART RONALD L
218	HART RONALD L
219	HART RONALD L
220	HART RONALD L
221	HART RONALD L

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT
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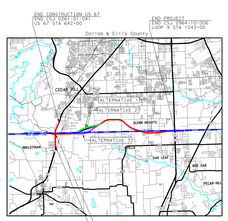

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FRISCO, TEXAS 75034
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NAME P.E. NUMBER
MICHAEL D. LEWINSKI, P.E. - 127848
NAME P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE
0 25' 50'
VERTICAL SCALE
0 5' 10'

ROLL 10 OF 13

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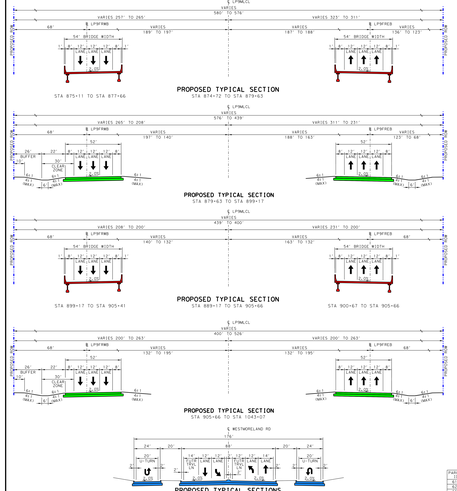
COUNTY: DALLAS/ELLIS
DATE: JULY 2019

ROLL 10 OF 13



PARCEL	OWNER
233	MATADEEN INVESTMENTS, INC
234	ENTERPRISE GP HOLDINGS
235	ENTERPRISE GP COMPANY
236	JEFFERSON HOMES
237	MCC DALLAS, LLC
238	HOUSTON, JAMES WILSON &
239	MONTGOMERY, JAMES E.
240	BRANCH MARK
241	FULLER STORAGE DELL
242	BRANCH, MARK & ANGELA S.
243	THOMAS CHRISTOPHER M.&TIFFANY
244	BALL TRUST
245	BRANCH, MARK & M III & EDRINA
246	BRANCH, MARK
247	BANKS WILLIE B.& PAMELA S
248	BANKS WILLIE B.& PAMELA S
249	BOSCH SALVADOR &
250	SMITH FRASHAN
251	ROBERTS, JAMES & VANESSA
252	ROBERTS GREGORY
253	MCCLOUTHAN ROGER SR
254	MCCLOUTHAN, JOHN & KIMBERLY R
255	ENGLISH, JOHN
256	LITCHETT, ROY L & WINDRED J
257	LITCHETT, ROY L.
258	WILLIAMS, MARK
259	HOLD FOREVER
260	SULLIVAN, CHARLES
261	SULLIVAN, CHARLES &
262	WASHINGTON MUTUAL F.S.B
263	MCCLOUD, LAVONE
264	MCCLOUD, LAVONE
265	PETROSKY, ERIC
266	SULLIVAN, CHARLES TABITHA &
267	SULLIVAN, CHARLES
268	SULLIVAN, CHARLES MARIE &
269	SULLIVAN, CHARLES
270	JOHNSON JENNIFER
271	BOND ROBERT & SHARLA
272	BOND, ROBERT & SHARLA
273	WILSON TERRELL & SHANDRA
274	TEXAS TOOLS
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277	TYRRES ALVENTO
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279	HARRIS ALVENTO
280	CHOATE CLARK
281	CHOATE, CLARK
282	CHOATE CLARK
283	BARCLA PEYTON
284	BATTLE, WILLIAM J
285	BATTLE, WILLIAM J
286	JIMENEZ SANTIAGO & VERONICA
287	JOHNSON PHILLIP & A
288	MCCARTHY, TIMOTHY
289	MCCARTHY, TIMOTHY &
290	MCCARTHY, TIMOTHY COMPANY, INC
291	BALL, TIMOTHY
292	JIMENEZ SANTIAGO & VERONICA
293	BURDICK, DUANE
294	BURDICK DUAN &
295	SVANDAGAR RICHARD
296	SLOAN DONALD DUANE

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PLAN LEGEND

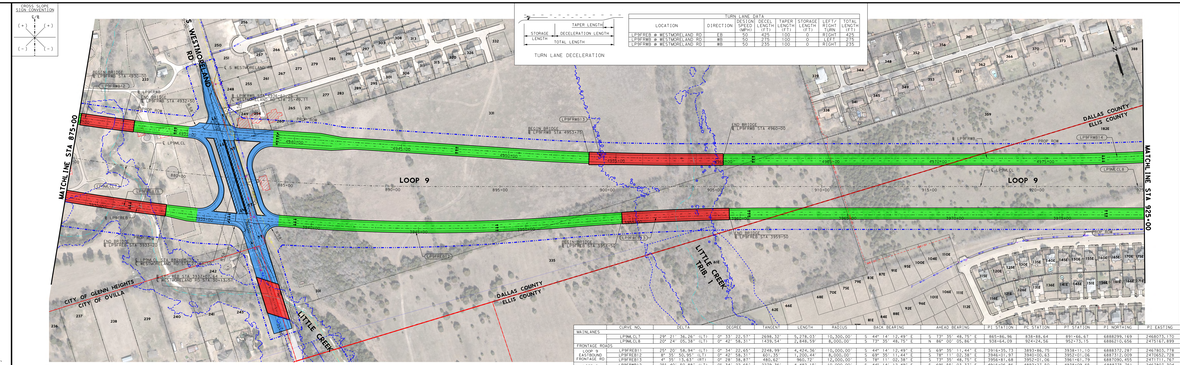
- PROPOSED C/L
- PROPOSED ROW
- EXISTING ROW
- CONTROL OF ACCESS
- PROPERTY LINES
- CITY LIMITS
- 100 YR FLOODPLAIN LIMITS
- EXISTING PLANIMETRIC FEATURES
- COUNTY LINE
- PROPOSED EDGE OF PAVEMENT
- PROPOSED TRAFFIC BARRIER
- PROPOSED RETAINING WALL
- PROPOSED BRIDGE BENT
- PROPOSED CULVERT
- PROPOSED DIRECTION OF TRAVEL
- EXISTING DIRECTION OF TRAVEL
- PROPOSED BRIDGE
- PROPOSED MAIN LANES
- PROPOSED FRONTAGE ROAD
- PROPOSED RAMP
- PROPOSED CROSS STREET
- PAVEMENT TO BE REMOVED
- POTENTIAL DISPLACEMENT
- CURVE ID
- PARCEL ID

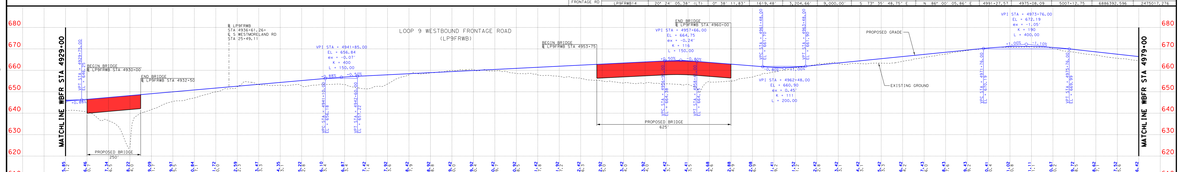
GENERAL NOTES:

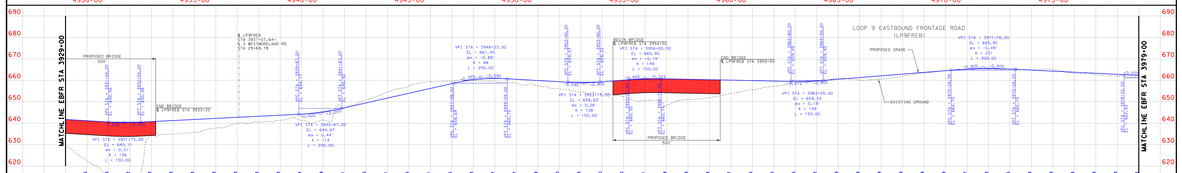
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL MAPS AND ARE SUBJECT TO CHANGE AS DESIGN DEVELOPS.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PDMP DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE POL.
4. 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.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS xxxx, xxxx, xxxx, xxxx, xxxx, xxxx.
6. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS, xxxx, COUNTY APPRAISAL DISTRICTS (LATEST DATA AVAILABLE AS OF xxxx xxxx).
7. EXISTING CULVERT LOCATIONS, SIZES, AND ELEVATIONS OBTAINED FROM RECORD DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. ADA RAMPS AND SIDEWALKS ARE DIAGRAMMATIC ONLY AND WILL BE DESIGNED DURING FINAL SIDEWALKS AND SHOWN ON FINAL SECTIONS.
9. 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.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PARTIALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
11. CURBS ARE TYPE II (8") UNLESS NOTED OTHERWISE.
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PDMP PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVISED AND ERECTED AFTER DISSOLUTION OF THE RAMP UPON COMPLETION OF THE RAMP PROJECT.
14. EXISTING PAVEMENT INCLUDED LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS NOTED OTHERWISE).
15. ALL CROSS STREETS CORNER RADII ARE 50 FT MINIMUM UNLESS NOTED OTHERWISE.
16. ALL DRIVEWAYS CORNER RADII ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
17. ALL MAINLANE MEDIAN CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE TYPE BARRIER (SSCB) UNLESS NOTED OTHERWISE.

ROLL INDEX

ROLL 1:	LOOP 9 MAINLANES (ALTERNATIVE 3) STA 874+72 TO STA 879+13
ROLL 2:	LOOP 9 MAINLANES (ALTERNATIVE 3) STA 879+13 TO STA 884+00
ROLL 3:	LOOP 9 MAINLANES (ALTERNATIVE 3) STA 884+00 TO STA 889+00
ROLL 4:	LOOP 9 MAINLANES (ALTERNATIVE 3) STA 889+00 TO STA 894+00
ROLL 5:	LOOP 9 MAINLANES (ALTERNATIVE 3) STA 894+00 TO STA 899+00
ROLL 6:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 899+00 TO STA 904+00
ROLL 7:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 904+00 TO STA 909+00
ROLL 8:	LOOP 9 MAINLANES STA 909+00 TO STA 914+00
ROLL 9:	LOOP 9 MAINLANES STA 914+00 TO STA 919+00
ROLL 10:	LOOP 9 MAINLANES STA 919+00 TO STA 924+00
ROLL 11:	LOOP 9 MAINLANES STA 924+00 TO STA 929+00
ROLL 12:	LOOP 9 MAINLANES STA 929+00 TO STA 1025+00
ROLL 13:	LOOP 9 MAINLANES STA 1025+00 TO END PROJECT







TEXAS DEPARTMENT OF TRANSPORTATION

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

DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
Project Length = 9.3 Miles
CSJ # 0261-01-041: US 67 FROM NORTH OF
SHILOH RD TO SOUTH OF MT. LEBANON RD
Project Length = 1.9 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:
MAINLANES (RURAL FREEWAY) - 70 MPH
RAMPS AND TRANSITIONS (RURAL FREEWAY) - 50 MPH
MAINLANES (URBAN COLLECTOR) - 55 MPH
CROSS STREETS - 35 MPH
U-TURNS (URBAN COLLECTOR) - 15 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.
2936 DALLAS PARKWAY, SUITE 101
FRISCO, TEXAS 75034
FOR INTERACTIVE 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
MICHAEL D. LEWINSKI, P.E. - 127848
NAME P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE
0 25' 50'
VERTICAL SCALE
0 5' 10'

ROLL 10 OF 13

BGE, Inc.
2936 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

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

ROLL 10 OF 13

TEXAS DEPARTMENT OF TRANSPORTATION

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

DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

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Project Length = 1.9 Miles

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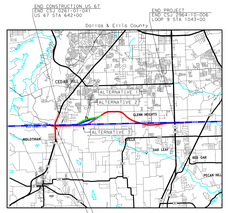
RAMPS AND TRANSITIONS (RURAL FREEWAY):	50 MPH
MAINLANES (URBAN COLLECTOR):	40 MPH
CROSS STREETS:	35 MPH
U-TURNS (URBAN COLLECTOR):	15 MPH

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

ROLL 11 OF 13



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

SCHEMATIC PREPARED BY:
RECOMMENDED FOR LINE AND GRADE
FOR INTERSECTION DESIGN ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
MICHAEL D. LENCIONI, P.E. 119883
Date: 7/1/2019
SEAL

HORIZONTAL SCALE: 0 200 400
VERTICAL SCALE: 0 5 10

ROLL 11 OF 13

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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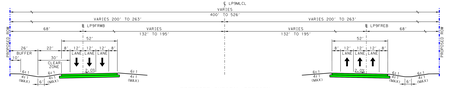

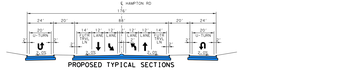

PARCEL ID	OWNER
1	CITY OF DALLAS
2	DOE ADDLINE & N TURNT ALLYNE
3	BOSWELL LAND LLC
4	MORALES JOSE ANTONIO
5	MCCOLLUM PAUL & PHILLIP M
6	BOULLAR EDWARD & LATISHA
7	MCCOLLUM PAUL & PHILLIP M
8	MATTHEWS WILLIAM J
9	BARRIOS RICHARD
10	MARTINEZ ANA
11	PROGRESS RESIDENTIAL 2017-1 BORROWER LLC
12	MCCLOUD CARLOS
13	WHITE JAMES LEWIS & JOY M
14	LOPEZ RICARDO & ELIZABETH M
15	[illegible]
16	BURTON DORETHA & SAMUEL TATUM
17	MCDONALD JAMES A & PATRICIA M
18	BLUE FAITH ARNULFO & CAMERON ROSA M
19	[illegible]
20	[illegible]
21	DOCK KEITH A & ESMERALDA J
22	DE ANDAR JULIO M & JENELSY M
23	[illegible]
24	BARRIOS BENITO M
25	MARTINEZ JAMES & ROBERT
26	BOUTIQUE DEVELOPMENT CO INC
27	[illegible]
28	[illegible]
29	THORNTON PATRIC
30	[illegible]
31	MC CULLOUGH KEITH S & SPECIOSY F
32	THOMAS RAYMOND E JR
33	[illegible]
34	[illegible]
35	MARNE JONATHAN & MELISSY
36	[illegible]
37	[illegible]
38	[illegible]
39	[illegible]
40	[illegible]
41	[illegible]
42	[illegible]
43	[illegible]

TEXAS DEPARTMENT OF TRANSPORTATION

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

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DALLAS & ELLIS COUNTIES

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CROSS STREETS	- 35 MPH
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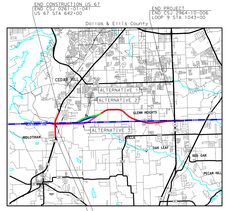

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PRELIMINARY, SUBJECT TO CHANGE

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SCHEMATIC PREPARED BY:
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Prepared by or under the
supervision of the:
HOSSEIN M. HOSSEINI, P.E. 119868
Name P.E. NUMBER
MICHAEL C. CENTENO, P.E. 119883
Name P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE
0 250 500
VERTICAL SCALE
0 5 10

ROLL 12 OF 13

BGE, Inc.
2906 Dallas Parkway, Suite 101, Frisco, TX 75034
Tel: 972-464-4800 ● www.bgeinc.com
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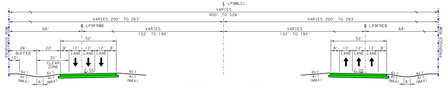

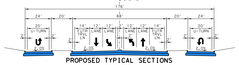

PARCEL	OWNER
419	NICHOLAS RICHARD & TRACI M
420	BARTOSELLI JOSEPH
421	ALVAREZ ALEJANDRO & LORIANA RAMIREZ-CRUZ
422	ALAMO VENTURES I LTD
423	MARTINEZ JESUS & SUSANA
424	ALAMO VENTURES I LTD
425	GUERRA JAVIER M
426	ESTES COUNTY TRUSTEE
434	MARAVILLA JAVIER & MIGUELINA
435	MARTINEZ ANTONIO & ARMANDO
436	ALAMO VENTURES I LTD
440	BARRIENTOS JESUS C
441	ALAMO VENTURES I LTD
442	ALAMO VENTURES I LTD
443	MUNOZ FRANCISCO
444	ALAMO VENTURES I LTD
445	PAYNE STEVEN & HELEN
446	COLE DENNY F LTD
447	ALAMO VENTURES I LTD
452	ALAMO VENTURES I LTD
453	MARTINEZ JESUS
454	ALAMO VENTURES I LTD
455	ALAMO VENTURES I LTD
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463	ALAMO VENTURES I LTD
464	ALAMO VENTURES I LTD
465	SCHUMACHER PAUL J
466	ALAMO VENTURES I LTD
467	ALAMO VENTURES I LTD
468	ALAMO VENTURES I LTD
469	ALAMO VENTURES I LTD
470	CASTRO ABEEL
471	ALAMO VENTURES I LTD
472	CARDENAS ALEJANDRO & ANGELICA M FAMILY TRUSTEES
473	ALAMO VENTURES I LTD
474	ALAMO VENTURES I LTD
475	ALAMO VENTURES I LTD
476	ALAMO VENTURES I LTD
477	CASTRO ABEEL
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499	ALAMO VENTURES I LTD
500	SHAH MA PROPERTIES INC
501	SHAH MA PROPERTIES INC
502	SHAH MA PROPERTIES INC
503	BRA OAK CITY LLC
504	SOLIZ WILLIAM M &
505	ALAMO VENTURES I LTD
506	ALAMO VENTURES I LTD
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508	ALAMO VENTURES I LTD
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535	ALAMO VENTURES I LTD
536	ALAMO VENTURES I LTD
537	SOLIZ WILLIAM M &

PARCEL	OWNER
538	ALAMO VENTURES I LTD
539	ALAMO VENTURES I LTD
540	ALAMO VENTURES I LTD
541	ALAMO VENTURES I LTD
542	ALAMO VENTURES I LTD

TEXAS DEPARTMENT OF TRANSPORTATION

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

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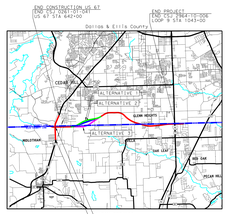
COUNTY: DALLAS/ELLIS
DATE: JULY 2019

DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

ROLL 13 OF 13



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SCHEMATIC PREPARED BY:
REGISTRATION NUMBER F-1046
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Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
NAME P.E. NUMBER
MICHAEL D. LEWINSKI, P.E. 113880
NAME P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE
0 25 50 100
VERTICAL SCALE
0 5 10

ROLL 13 OF 13

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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ORIGINAL PLOT DATE: 7/1/2019
FILE NAME: 2964-10-006-SCH-SHEET-PLAN-PROFILE.DGN
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℄ LPMWCL
VARIES
400' TO 529'
VARIES
132' TO 190'
℄ LPMFWB
℄ LPMFEB
68'
VARIES
132' TO 190'
VARIES
200' TO 267'
VARIES
200' TO 267'
68'
26' BUFFER
22'
12'
12'
22'
26' BUFFER
12'
12'
12'