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)	35 MPH
CROSS STREETS	35 MPH
U-TURNS (URBAN COLLECTOR)	15 MPH

END CONSTRUCTION US 67
US 67 STA 642+00

END PROJECT
LOOP 9 STA 1043+00

Dallas & Ellis County

CEDAR HILL
ALTERNATIVE 1A
ALTERNATIVE 1B
ALTERNATIVE 2B
GLADE HEIGHTS
WOLFSTAMP
SAM CART
MS 342
FECAN HILL
MS 664

BEGIN PROJECT
LOOP 9 STA 947+00
BEGIN CONSTRUCTION US 67
US 67 STA 546+00

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 FIRM F-1046
FOR TXDOT USE 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. CONDINISI, P.E. 123849
Name P.E. NUMBER
7/1/2019
DATE

ORIGINAL SCALE
HORIZONTAL SCALE 0 200 400
VERTICAL SCALE 0 10 20

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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DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

ROLL 1 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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RAMPS AND TRANSITIONS (RURAL FREEWAY) 50 MPH
CROSS STREETS (URBAN COLLECTOR) 35 MPH
CROSS STREETS 35 MPH
U-TURNS (URBAN COLLECTOR) 15 MPH
END CONSTRUCTION US 67
US 67 STA 642+00
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Dallas & Ellis County
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ROLL 1 OF 13
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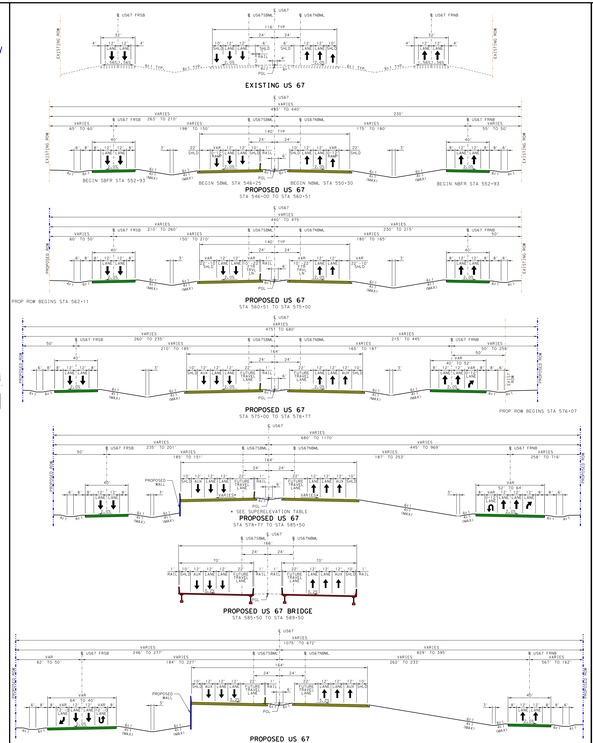
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
ROLL 1 OF 13



PLAN LEGEND

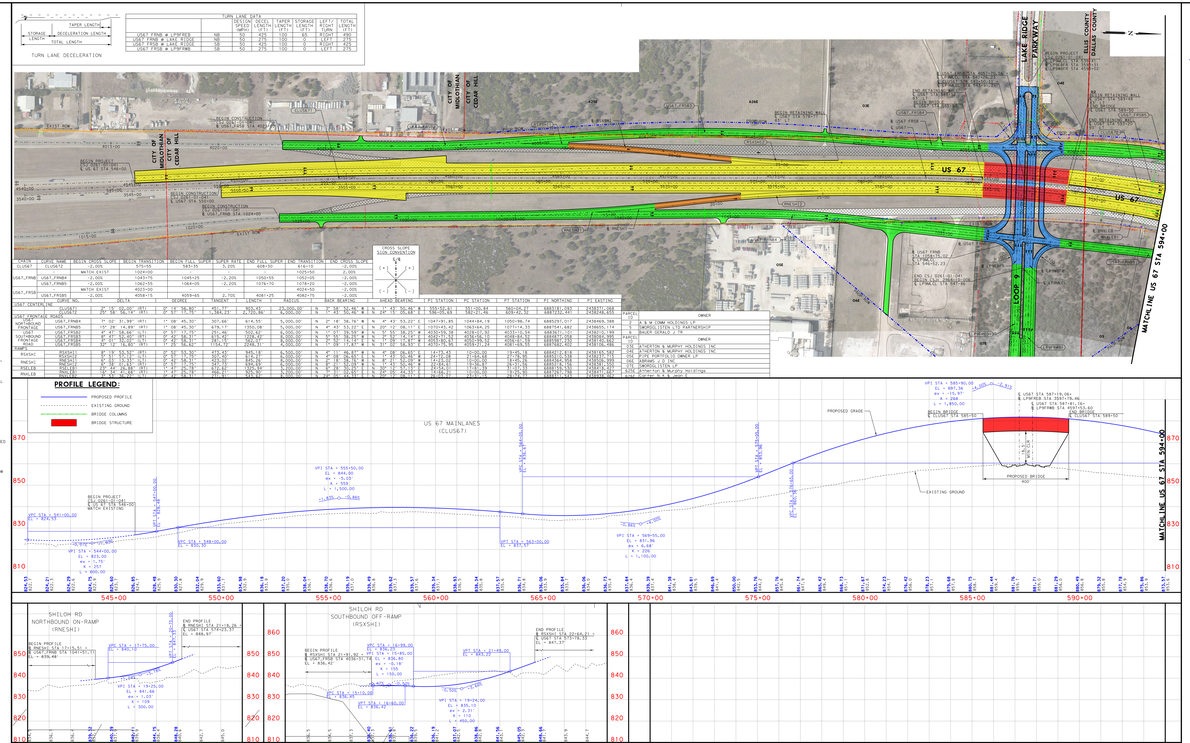
- PROPOSED ℄
- PROPOSED ROW
- EXISTING ROW
- CONTROL OF ACCESS
- PROPERTY LINES
- CITY LIMITS
- 100 YR FLOODPLAIN LIMITS
- EXISTING PLANIMETRIC FEATURES
- COUNTY LINE
- PROPOSED EDGE OF PAVEMENT
- PROPOSED TRAFFIC BARRIER
- PROPOSED RETAINING WALL
- PROPOSED BRIDGE RAIL
- PROPOSED CULVERT
- PROPOSED 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 MAPS AND FIELD REVIEWS. ALL DIMENSIONS ARE APPROX.
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. 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 SPACING LIMITS.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
11. CURVE ARE TYPE II (R*) 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 REVISED AND ADDED AT THE DISCUSSION POINTS AND POSITIVE BARRIER WILL BE PROVIDED.
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:	LOOP 9 MAINLANES, ALTERNATIVE 1B US 67 MAINLANES, ALTERNATIVE 1B
ROLL 2:	LOOP 9 MAINLANES, ALTERNATIVE 1B US 67 MAINLANES, ALTERNATIVE 1B
ROLL 3:	LOOP 9 MAINLANES, ALTERNATIVE 1B US 67 MAINLANES, ALTERNATIVE 1B
ROLL 4:	LOOP 9 MAINLANES, ALTERNATIVE 1B US 67 MAINLANES, ALTERNATIVE 1B
ROLL 5:	LOOP 9 MAINLANES, ALTERNATIVE 1B US 67 MAINLANES, ALTERNATIVE 1B
ROLL 6:	LOOP 9 MAINLANES, ALTERNATIVE 1B US 67 MAINLANES, ALTERNATIVE 1B
ROLL 7:	LOOP 9 MAINLANES, ALTERNATIVE 1B US 67 MAINLANES, ALTERNATIVE 1B
ROLL 8:	LOOP 9 MAINLANES STA 1025+00 TO STA 779+00
ROLL 9:	LOOP 9 MAINLANES STA 1025+00 TO STA 875+00
ROLL 10:	LOOP 9 MAINLANES STA 1025+00 TO STA 925+00
ROLL 11:	LOOP 9 MAINLANES STA 1025+00 TO STA 975+00
ROLL 12:	LOOP 9 MAINLANES STA 1025+00 TO STA 1025+00
ROLL 13:	LOOP 9 MAINLANES STA 1025+00 TO END PROJECT



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DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (RURAL FREEWAY)	: 70 MPH
RAMPS AND TRANSITIONS (RURAL FREEWAY)	: 50 MPH
CROSS STREETS (URBAN COLLECTOR)	: 40 MPH
CROSS STREETS	: 30 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:
REGISTRATION DIVISION
FOR INTERNAL REVIEW ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of the undersigned.
HOSSEIN N. HOSSEINI, P.E. : 119868
NAME : MICHAEL CENKOWSKI, P.E. P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE: 0 250 500
VERTICAL SCALE: 0 5 10

ROLL 2 OF 13

BGE, Inc.
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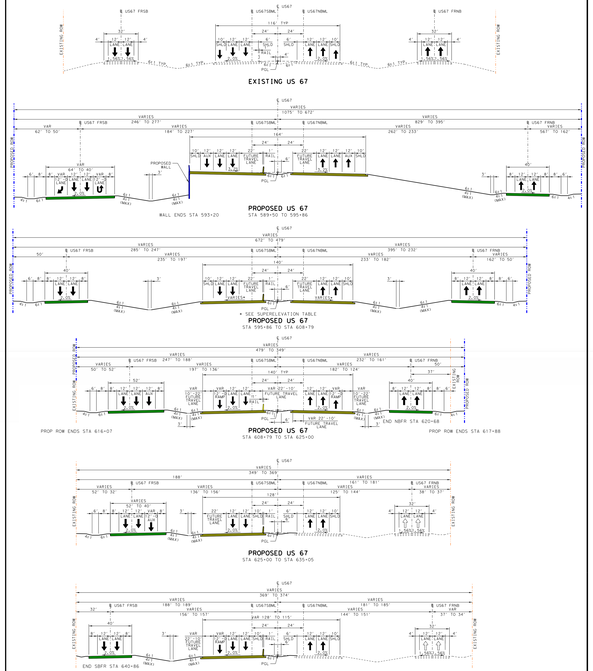
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
ROLL 2 OF 13



PARCEL	OWNER
1	J & W COMM HOLDINGS LP
2	BAR COMMERCIAL HOLDINGS LP
3	CARDOZO LTD PARTNERSHIP
4	ROBERT L. BOYKIN
5	ATTACHED & DETACHED RESTAURANT
5A	TRACTOR BUILDING

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

CROSS SLOPE
SIGN CONVENTION

CROSS SLOPE	RIGHT	LEFT
+	+	-
-	-	+

GENERAL NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL MAPS AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
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.
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10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PARTIALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
11. CURVES ARE TYPE II (R*) UNLESS NOTED OTHERWISE.
12. CONVENTIONAL ROADWAY SIGNAGE (WALL 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 ADDED AS NEEDED DURING THE FINAL DEVELOPMENT 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.
16. ALL DRIVEWAYS CORNER RADII ARE 25 FT MINIMUM UNLESS NOTED OTHERWISE.
17. ALL MAINLANE MEDIAN: CONCRETE TRAFFIC BARRIERS SHALL BE SINGLE SLOPE BARRIER (SSB) UNLESS NOTED OTHERWISE.

ROLL INDEX

ROLL 1: US 67 MAINLANES
STA 594+00 TO END PROJECT
ROLL 2: US 67 MAINLANES
STA 594+00 TO END PROJECT
ROLL 3: LOOP 9 MAINLANES
STA 570+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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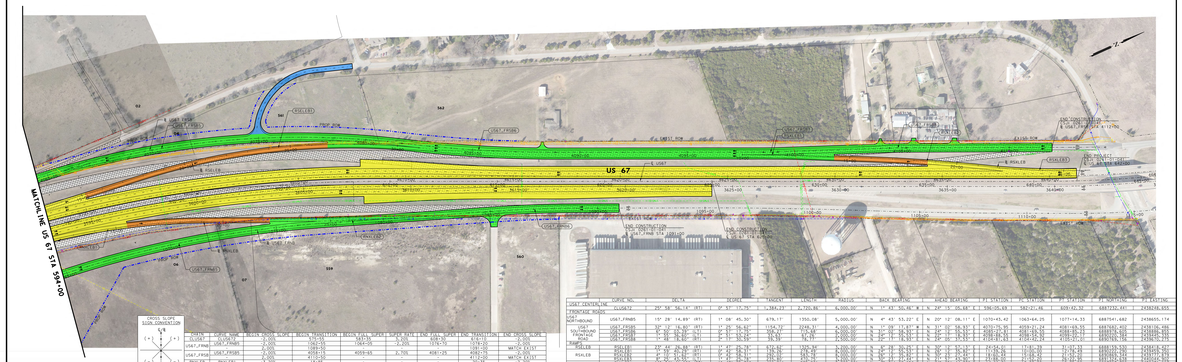
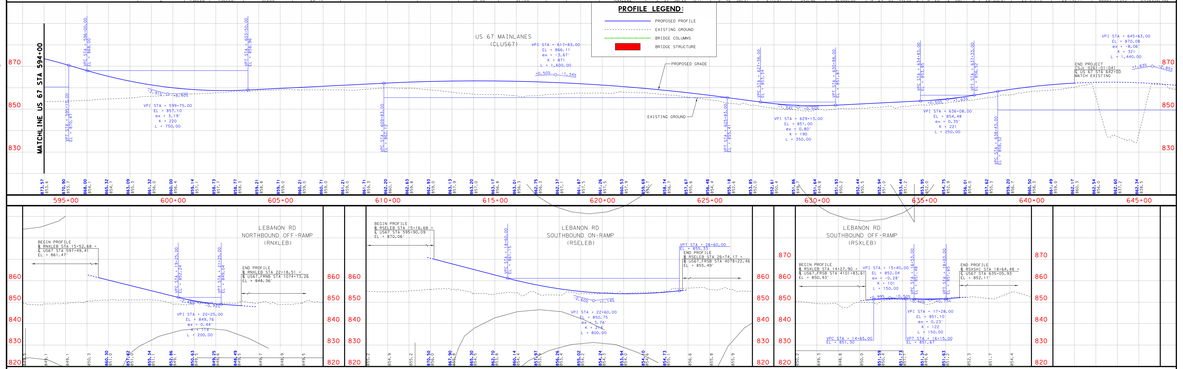
ROLL 13: LOOP 9 MAINLANES
STA 1025+00 TO END PROJECT



US67 CENTERLINE	CURVE NO.	DELTA	DEGREE	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	P.I. STATION	P.C. STATION	P.T. STATION	P.I. NORTHING	P.I. EASTING
FRONTAGE ROADS												
US67 NORTHBOUND	C-US67-2	29° 08' 54.1" (RT)	29° 51' 17.76"	382.29	2-00.86	6,000.00	N 7° 43' 53.26" E	N 22° 52' 08.01" E	598+06.89	587+41.86	603+82.32	2438456.15
US67 SOUTHBOUND												
FRONTAGE ROADS	US67_FRNBS	19° 28' 14.89" (RT)	1° 26' 45.52"	676.17	1365.08	5,000.00	N 4° 43' 53.26" E	N 23° 12' 08.01" E	597+45.42	1063+94.25	1077+14.33	2887594.682
US67 SOUTHBOUND												
FRONTAGE ROADS	US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15
RAMPS												
RAMP A	C-US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15
RAMP B	C-US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15
RAMP C	C-US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15
RAMP D	C-US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15
RAMP E	C-US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15
RAMP F	C-US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15
RAMP G	C-US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15
RAMP H	C-US67_FRNBS	1° 26' 45.52" (RT)	1° 26' 45.52"	14.82	14.82	5,000.00	N 23° 12' 08.01" E	N 24° 38' 53.53" E	2+00+14.33	2+00+14.33	2+00+29.15	2+00+29.15

PROFILE LEGEND:

PROPOSED PROFILE
EXISTING GROUND
BRIDGE COLUMNS
BRIDGE STRUCTURE



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Project Length = 1.9 Miles

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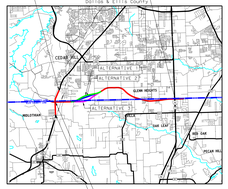
DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

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

END CONSTRUCTION US 67
END PDG-6X62
CONTROL 0261-01-041
US 67 STA 642+00

END PDG-6X62
CONTROL 0261-01-041
LOOP 9 STA 1043+00

Dallas & Ellis County



BEGIN PROJECT
CONTROL 0261-01-041
LOOP 9 STA 541+00

BEGIN CONSTRUCTION US 67
CONTROL 0261-01-041
US 67 STA 546+00

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

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

ROLL 3 OF 13

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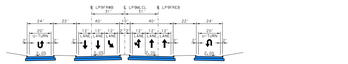
ORIGINAL FILE NAME: 0261-01-041_TRAF-DESIGN-SCHEMATIC-LOOP-9-US67.DGN
LAST REVISED: 7/1/2019
PLOT SCALE: 1:1
PLOT DATE: 7/1/2019
DGN: TxDOT2016.dgn
CTB: TxDOT2016.ctb
STYLE: BGE.stl

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

ROLL 3 OF 13


℄ LP9MCL
℄ LP9FWD
℄ LP9FRD
260'
40'
40'
22'
24'
24'
22'
2.0%
2.0%
4:1
4:1
2.0%
2.0%
4:1
4:1
2.0%
2.0%
4:1
4:1

TEXAS DEPARTMENT OF TRANSPORTATION

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

DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

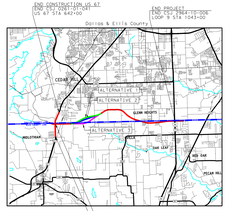
CSJ # 2964-10-006: LOOP 9 FROM US67 TO IH35E
Project Length = 9.3 Miles
CSJ # 0261-01-041: US 67 FROM NORTH OF
SHILOH RD TO SOUTH OF MT. LEBANON RD
Project Length = 1.9 Miles

DESIGN SPEEDS

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (RURAL FREEWAY):	70 MPH
RAMPS AND TRANSITIONS (RURAL FREEWAY):	50 MPH
CROSS STREETS (RURAL COLLECTOR):	50 MPH
CROSS STREETS (URBAN COLLECTOR):	35 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 2909 FIRM # F-1046
FOR INTERSECTION ONLY; NOT FOR PERMITTING, BIDDING OR CONSTRUCTION
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. LICENSED
NAME
MICHAEL W. CENKOWSKI, P.E. P.E. NUMBER
7/1/2019
DATE

ORIGINAL SCALE
HORIZONTAL SCALE 0 100 200
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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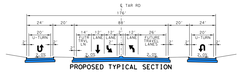
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

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

PLAN LEGEND

- PROPOSED ℄/R
- 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

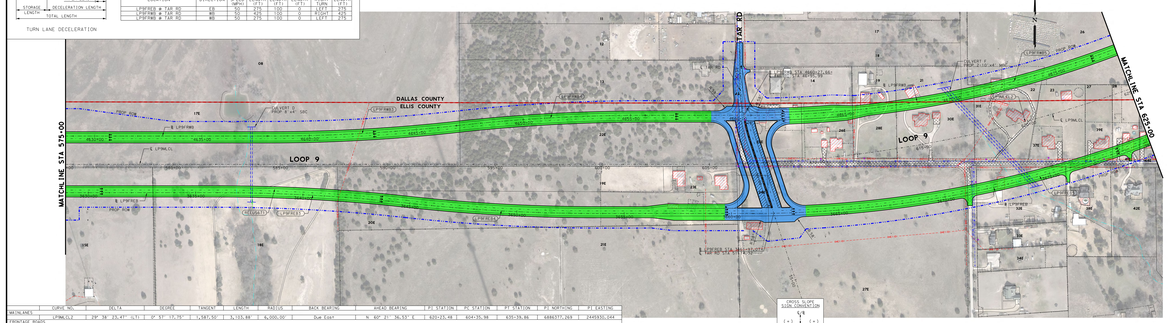
GENERAL NOTES:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON DATA FROM DCAD, TNRIS, AERIAL PHOTOGRAPHY AND FIELD VISITS.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PDMS 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. GRAPHICAL 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 PS&E. 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 SPACING LIMITS.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PARTIALLY 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 PS&E PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVISED AND ADDED AS NECESSARY DURING THE DESIGN 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.
16. ALL OFFRAMPS 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 629+00
ROLL 5:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 629+00 TO STA 679+00
ROLL 6:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 679+00 TO STA 729+00
ROLL 7:	LOOP 9 MAINLANES (ALTERNATIVE 1) STA 729+00 TO STA 779+00
ROLL 8:	LOOP 9 MAINLANES STA 779+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	OWNER
1	DETTMAN MARSHALL PROPERTIES
2	DETTMAN MARSHALL J
3	BAXTER WILLIAM D
4	BRLTW, DEVONDOLLY EST &
5	CLANAN ALBERT J
6	CLANAN ALBERT J
7	CLANAN ALBERT &
8	POTTER CLOTIER E JR & PATTI A
9	CAMPBELL MICHAEL L
10	PAHM WALTER
11	COCHRAN JIMMY DON &
12	COCHRAN LOU ANN
13	COCHRAN LOU ANN
14	HUERTA JUAN M & BLANCHA L
PARCEL	OWNER
15	MOLOTIAN BROADCASTING LLC
16	MOLOTIAN MICHAEL PROPERTIES LTD
17	BETTS MARY
18	MUTTINE HARRY D
19	MUTTINE HARRY D & JOHN D
20	MITCHELL CHARLIE VICTOR LLC
21	BRLTW, DEVONDOLLY & JULIA T
22	MUTTINE HAROLD D
23	WESTERN SURVEILLANCE MORTGAGE ASSOCIATION
24	HUDSON ROBERT B & CONRAD
25	HUDSON DENNIS B & CONRAD
26	POTTER CLOTIER E JR & PATTI A
27	POTTER CLOTIER E JR & PATTI A
28	CAMPBELL MICHAEL L
29	PAHM WALTER
30	PAHM WALTER
31	BRAMLETT NELSON L & BERTHA O
32	STEPHENS BART JR & BART JULIE
33	STEPHENS BART JR & BART JULIE ANN
34	MARTINEZ MELVIN & ROSEMARY ANN
35	COCHRAN LOU ANN
36	COCHRAN LOU ANN
37	BOGGUS LEE
38	BOGGUS LEE, JOHNNIE A & CHERYL
39	BOGGUS JOHNNIE A



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

DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

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DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:
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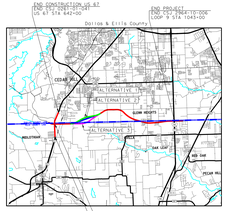

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Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. LICENSED
NAME
MICHAEL W. CENKOWSKI, P.E. P.E. NUMBER
7/1/2019
DATE

ORIGINAL SCALE
HORIZONTAL SCALE 0 100 200
VERTICAL SCALE 0 5 10

ROLL 4 OF 13

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DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

ROLL 4 OF 13

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT
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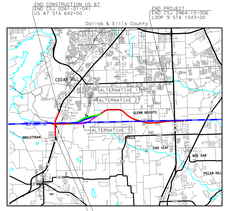
ALTERNATIVE 1



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SCHEMATIC PREPARED BY:
FOR INTERNAL REVIEW ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
MICHAEL W. CENOSKI, P.E. 113849
Name P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE 0 200 400
VERTICAL SCALE 0 10

ROLL 5 OF 13

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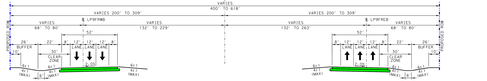
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

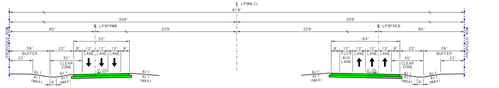
COUNTY: DALLAS/ELLIS
DATE: JULY 2019

ROLL 5 OF 13

TEXAS DEPARTMENT OF TRANSPORTATION



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

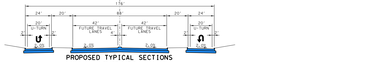


PROPOSED TYPICAL SECTION
STA 655+02 TO STA 669+67

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 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

CROSS SLOPE
SLOPE DIRECTION

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 BRIDGE(S) WILL BE DETERMINED IN THE PRELIMINARY 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.
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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 SPACING LIMITS.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PARTIALLY 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 FINAL PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVISED AND ADDED AS NECESSARY DURING THE FINAL DESIGN 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.
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 TX50D 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 1011+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
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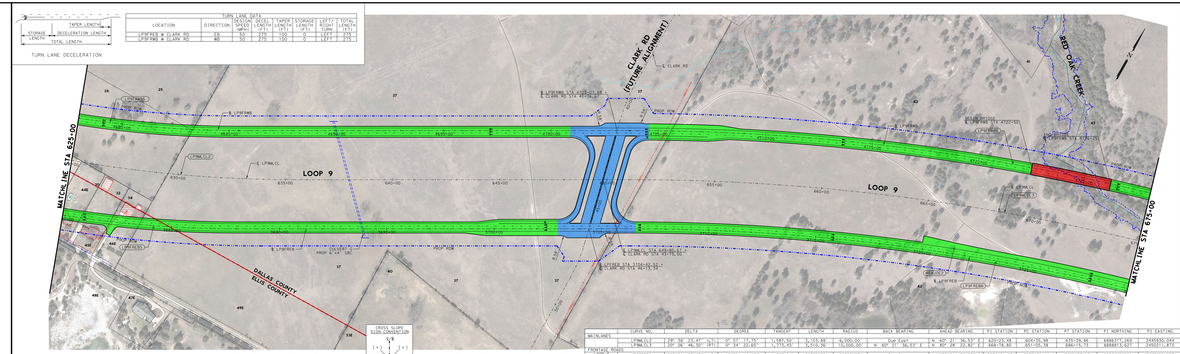
ROLL 11:	LOOP 9 MAINLANES STA 925+00 TO STA 975+00
ROLL 12:	LOOP 9 MAINLANES STA 975+00 TO STA 1025+00
ROLL 13:	LOOP 9 MAINLANES STA 1025+00 TO END PROJECT

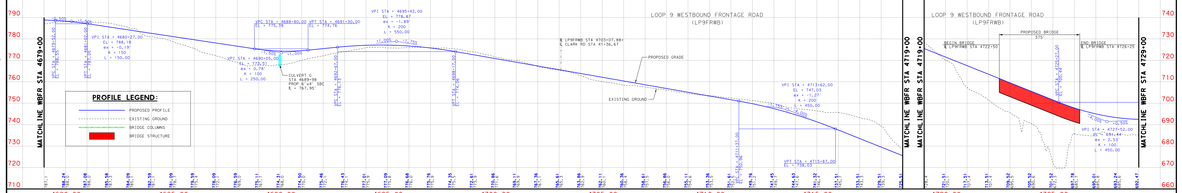
PARCEL	OWNER
1	PHAM MINH
2	PHAM MINH
3	WATKINS STEPHANIE
4	DELLANO LUPITA
5	MCCLAIN ALEXANDRIA
6	DECKER RANCHES LTD
7	DECKER RANCHES LTD
8	DECKER RANCHES LTD
9	DECKER RANCHES LTD
10	DECKER RANCHES, SHEBARA

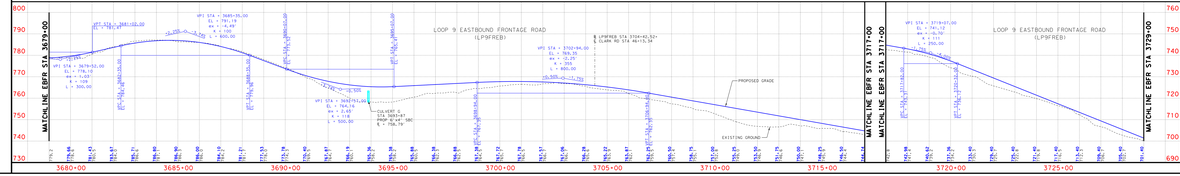
PARCEL	OWNER
11	WATKINS STEPHANIE L
12	DELLANO LUPITA
13	MENDEZ JOSE & ALEJANDRA
14	MCCLAIN ALEXANDRIA & ALEXIS
15	MCCLAIN ALEXANDRIA & ALEXIS
16	DECKER RANCHES LTD



CHAIN	CURVE NAME	BEGIN CROSS SLOPE	BEGIN TRANSITION	BEGIN FULL SUPER	SUPER RATE	END FULL SUPER	END TRANSITION	END CROSS SLOPE
LPSFWRD	LPSFWRD1	-2.00%	3685+35	3685+85	-2.00%	3689+65	3689+15	-2.00%
LPSFWRD	LPSFWRD2	-2.00%	4679+80	4680+30	-2.00%	4684+15	4683+65	-2.00%

MATELINES	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION	PI NORTHING	PI EASTING
LPTMLCL	20° 30' 41.3"	37° 1' 11.7"	3° 34' 22.4"	1,182.52'	2,208.00'	1,605.00'	N 82° 21' 38.5" E	N 61° 50' 56.8" E	635+36.90	623+54.38	645+62.38	6949856.287	2349856.287
LPTMLCL	20° 30' 41.3"	37° 1' 11.7"	3° 34' 22.4"	1,182.52'	2,208.00'	1,605.00'	N 82° 21' 38.5" E	N 61° 50' 56.8" E	651+36.39	639+53.87	661+61.87	6950511.813	2350311.813
FRONTAGE ROAD													
LPSFWRD1	20° 06' 25.4"	37° 0' 44.6"	3° 35' 14.9"	1,183.51'	2,196.00'	1,595.00'	N 82° 21' 38.5" E	N 61° 50' 56.8" E	3685+35.11	3673+51.61	3695+47.61	7006139.11	2349995.833
EASTBOUND													
LPSFWRD1	20° 06' 25.4"	37° 0' 44.6"	3° 35' 14.9"	1,183.51'	2,196.00'	1,595.00'	N 82° 21' 38.5" E	N 61° 50' 56.8" E	3706+13.37	3694+29.86	3716+25.86	7006133.37	2350389.826
WESTBOUND													
LPSFWRD1	20° 30' 25.4"	37° 1' 11.7"	3° 34' 22.4"	1,182.52'	2,208.00'	1,605.00'	N 82° 21' 38.5" E	N 61° 50' 56.8" E	4680+61.25	4668+78.73	4690+86.73	7006066.259	2349866.459
LPSFWRD2	20° 06' 46.50"	37° 0' 33"	3° 34.47'	1,814.64'	3,580.74'	1,596.00'	N 82° 21' 38.5" E	N 61° 50' 56.8" E	4707+52.58	4693+63.94	4729+57.28	6690632.747	2350215.519





TEXAS DEPARTMENT OF TRANSPORTATION

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

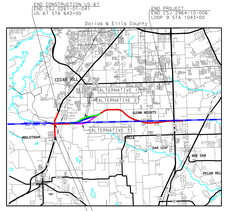
DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

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 (RURAL COLLECTOR) - 50 MPH
CROSS STREETS - 40 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:
FOR INTERNAL REVIEW ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
MICHAEL W. CENOSKI, P.E. 113849
Name P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE 0 200 400
VERTICAL SCALE 0 10

ROLL 5 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 5 OF 13

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
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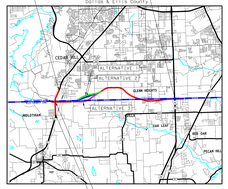
(RURAL STREETS):	50 MPH
U-TURNS (URBAN COLLECTOR):	15 MPH

ALTERNATIVE 1



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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
REGISTERED PROFESSIONAL ENGINEER P.E. NUMBER
MICHAEL W. CENKOWSKI, P.E. 113665
REGISTERED PROFESSIONAL ENGINEER P.E. NUMBER
7/1/2019
DATE

ORIGINAL SCALE
HORIZONTAL SCALE 0 20 40 80
VERTICAL SCALE 0 5 10 20

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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ORIGINAL FILE NAME = 0261-01-041_ROLL 6 OF 13.DGN
LAST REVISED = 7/1/2019
PLOT SCALE = 1:1
PLOT DATE = 7/1/2019
USER NAME = bgeinc.admin

DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

COUNTY: DALLAS/ELLIS
DATE: JULY 2019

ROLL 6 OF 13

TEXAS DEPARTMENT OF TRANSPORTATION

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

PROPOSED TYPICAL SECTION
STA 677+53 TO STA 682+42

STA 680+75 TO STA 682+00

PROPOSED TYPICAL SECTION
STA 682+42 TO STA 689+93

PROPOSED TYPICAL SECTION
STA 689+93 TO STA 795+28

PROPOSED TYPICAL SECTIONS
JOE WILSON RD

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 697+00 TO STA 575+00
ROLL 4: LOOP 9 MAINLANES: STA 575+00 TO STA 625+00
ROLL 5a: LOOP 9 MAINLANES: (ALTERNATIVE 1): STA 625+00 TO STA 675+00
ROLL 6a: 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 9b: 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

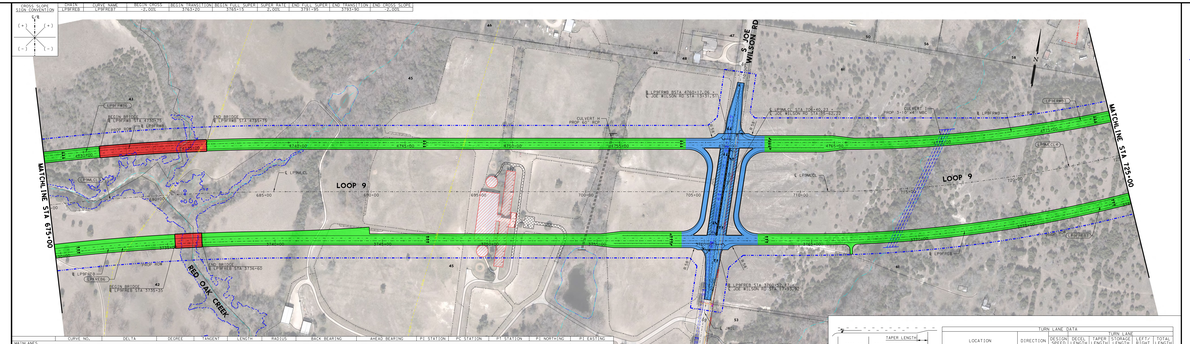
PARCEL	OWNER
40	FLOWER RANCHES, LTD.
41	WILLIS DAVID & BARBARA
42	ELLIS COUNTY STATE OF TEXAS
43	EDENS VERA / ESTATE OF
44	EDENS VERA / ESTATE OF
45	MOSLEY JAMES
46	MOSLEY JAMES
53	HOLLEY DENNIS MICHAEL &
54	HOLLEY
55	ROSS CLAUDE
61	WYNN LLC

PLAN LEGEND

PROPOSED C/S
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. UNDERLAYMENT INFORMATION SHOWN ON SCHEMATIC WAS OBTAINED FROM DALLAS, xxxx, COUNTY APPRAISAL DISTRICTS (LATEST DATA AVAILABLE AS OF xxxx xxxx).
7. EXISTING CULVERT LOCATIONS, SIZES, AND ELEVATIONS OBTAINED FROM RECORD DRAWINGS 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 DENIAL LIMITS.
10. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENT IF THE PROPOSED ROW PARTIALLY TAKES 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 FINAL PHASE OF THE PROJECT.
13. WHERE CONTROL OF ACCESS IS NOT SHOWN AT THE RAMP LOCATIONS, CONTROL OF ACCESS WILL BE REVISED AND ERECTED IN ACCORDANCE WITH THE ADOPTED CONTROL OF ACCESS FOR 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.
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.


WILSON RD
MATCHLINE STA 1224+00
MATCHLINE STA 875+00
LOOP 9
LOOP 9
RED OAK CREEK
℄ LPRMLOL
℄ LPSFRBS
℄ LPSFRBS

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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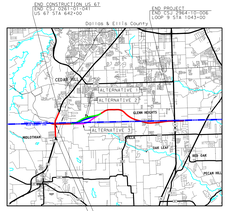
DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (RURAL FREEWAY)	- 70 MPH
RAMPS AND TRANSITIONS (RURAL FREEWAY)	- 50 MPH
RAMPS AND TRANSITIONS (URBAN COLLECTOR)	- 40 MPH
CROSS STREETS	- 40 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:
MICHAEL NGUYEN
FOR INTERIM REVIEW ONLY, NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
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

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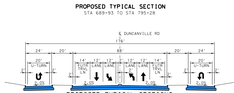
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
ROLL 7 OF 13



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. ORNAMENTAL 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 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 1000+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
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ROLL 9:	LOOP 9 MAINLANES STA 825+00 TO STA 875+00
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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

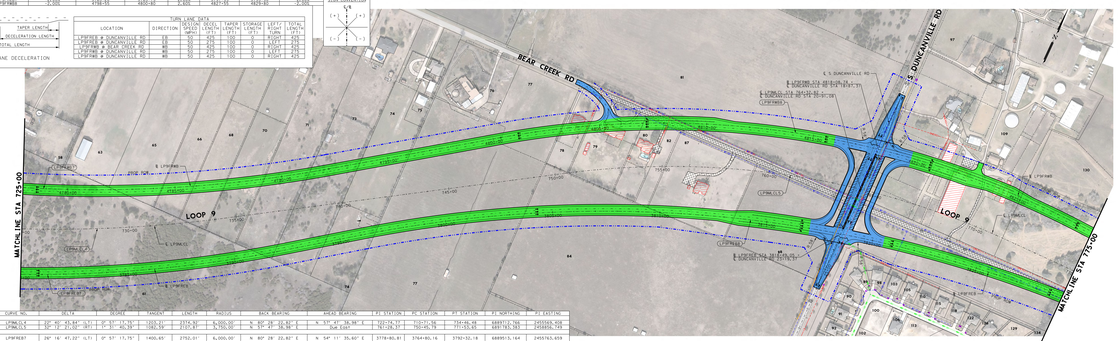
PARCEL NO.	OWNER
58	LUTLITZ LELAND
59	MOSLEY LOIS
60	HOGAN JOHN D
61	HOGAN JOHN D & WANDA
62	WHITE LONG LIFE ESTATE
63	WHITE JOHN L & LOIS J & TR
70	HUGH JAMES D & BIELL M
71	LINDAY IRIS
72	LINDAY IRIS
73	ALVAREZ MARIO
74	ALVAREZ MARIO
75	ALVAREZ MARIO
76	MONCHESTER STACY S
79	DUTCHFIELD STANLEY
80	HOSSEINI ALI & BEATRIZ
81	D. MEADOWS LLC
82	SERRANO JOSE & BEATRIZ
83	SERRANO JOSE
84	MIDUPMANTY PARKER M
85	KEDDY WILLIS MORTGAGE CORPORATION
86	MORALES ERIC L
87	MORALES ERIC L
88	CARDOZO DAWN
89	RICHARDSON CHRISTOPHER W &
90	RICHARDSON CHRISTOPHER W
94	LUNA STELLA & MARTIN M
95	ZUNIGA EDWARD
96	WILLIAMS KIMBERLY L &
97	WILLIAMS KIMBERLY L
98	FITZGERALD MARY JO REVOCABLE LIVING TR
106	EVANS WANDA S
107	MARTINEZ JESSE E
108	MARTINEZ JESSE
119	MAXWELL STEPHANIE D
120	MAXWELL STEPHANIE
121	SY YOLANDA
122	S. DURBIN & DORE INV
123	DURBIN DORE INV
124	HEAL SHANNON & CHRISTINA
125	BEAR CREEK RANCH OWNERSHIP ASSN

MAIN	LOOP 9	BEAR CREEK RD	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
LP9FRB	LP9FRB		-2.00%	3.92%	3.92%	-2.00%	3.92%	3.92%	-2.00%	-2.00%	3.92%	3.92%	-2.00%	-2.00%	3.92%	3.92%	-2.00%	-2.00%	3.92%	3.92%	-2.00%	-2.00%	3.92%
LP9FRB	LP9FRB		-2.00%	3.92%	3.92%	-2.00%	3.92%	3.92%	-2.00%	-2.00%	3.92%	3.92%	-2.00%	-2.00%	3.92%	3.92%	-2.00%	-2.00%	3.92%	3.92%	-2.00%	-2.00%	3.92%

TURN LANE DATA

LOCATION	DIRECTION	TURN LANE DATA: EXISTING SPEED	EXISTING LENGTH	TAPER LENGTH	STORAGE LENGTH	DECELERATION LENGTH	TOTAL LENGTH	EXISTING SPEED	EXISTING LENGTH	TAPER LENGTH	STORAGE LENGTH	DECELERATION LENGTH	TOTAL LENGTH
LP9FRB & DUNCANVILLE RD	EB	35	250	100	0	250	350	35	250	100	0	250	350
LP9FRB & DUNCANVILLE RD	EB	35	250	100	0	250	350	35	250	100	0	250	350
LP9FRB & BEAR CREEK RD	WB	35	250	100	0	250	350	35	250	100	0	250	350
LP9FRB & DUNCANVILLE RD	WB	35	250	100	0	250	350	35	250	100	0	250	350
LP9FRB & DUNCANVILLE RD	WB	50	425	100	0	425	525	50	425	100	0	425	525

TURN LANE DECELERATION


BEAR CREEK RD
S. DUNCANVILLE RD
LOOP 9
MATCHLINE STA 775+00
MATCHLINE STA 775+00
℄ DUNCANVILLE RD
℄ LP9FRB
℄ LP9MCL
℄ LP9FRB
℄ LP9MCL
℄ LP9FRB
℄ LP9MCL

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

END CONSTRUCTION US 67
CSJ 0261-01-041
US 67 STA 642+00

END PROJECT
CSJ 2964-10-006
LOOP 9 STA 1043+00

Dallas & Ellis County

CEDAR HILL
ALTERNATIVE 1
ALTERNATIVE 2
GLEN HEIGHTS
WOLFSTAMP
MR. TOM
MR. TIM
PECAN HILL

BEGIN PROJECT
CSJ 2964-10-006
LOOP 9 STA 541+12

BEGIN CONSTRUCTION US 67
CSJ 0261-01-041
US 67 STA 596+00

60% DRAFT
PRELIMINARY, SUBJECT TO CHANGE WITHOUT NOTICE

PRELIMINARY
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SCHEMATIC PREPARED BY:
RECEIPTNO. 2900 F-1046
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
MICHAEL D. CONINSKI, P.E. 119868
NAME P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE 0 250 500
VERTICAL SCALE 0 25 50

ROLL 8 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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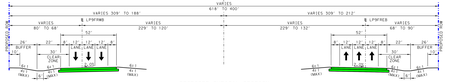
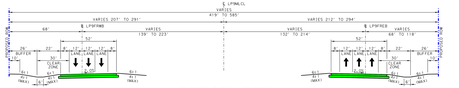
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
ROLL 8 OF 13



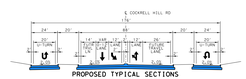
PROPOSED TYPICAL SECTION
STA 689+93 TO STA 795+18

STA 797+20 TO STA 799+68

PROPOSED TYPICAL SECTION
STA 799+26 TO STA 805+25



PROPOSED TYPICAL SECTION
STA 805+25 TO STA 853+15


℄ COCKRELL HILL RD
VARIES
24'
24'
20'
20'
14'
14'
12'
12'
12'
12'
14'
14'
20'
20'
24'
24'
2%
2%
2%

TEXAS DEPARTMENT OF TRANSPORTATION

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

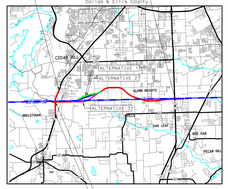
DESIGN SCHEMATIC
LOOP 9 & US67
DALLAS & ELLIS COUNTIES

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):	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:
RECEIPTED PLANS
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
MICHAEL W. CENKOWSKI, P.E. 113868
NAME P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE 0 250 500
VERTICAL SCALE 0 5 10

ROLL 9 OF 13

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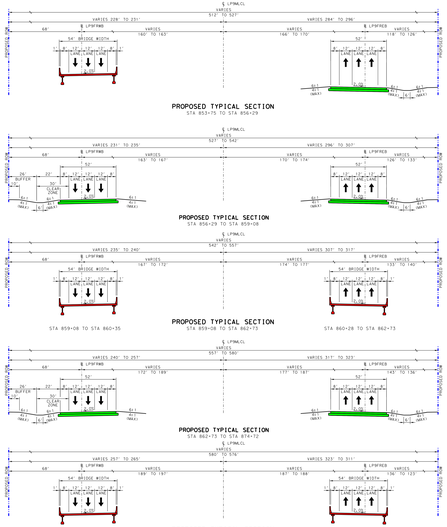
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY

ROLL 9 OF 13



PARCEL NO.	OWNER
212	BLUE MOON
212	BLUE COURTS TRACT PARTNERSHIP
212	HRUSA WALTER M.
212	HRUSA WALTER M.
212	HRUSA WALTER M.
212	HRUSA WALTER M.
212	HRUSA WALTER M.
212	NORTH BOB E
212	NORTH BOB E
212	NORTH BOB E
212	NORTH BOB E
212	NORTH BOB E
213	MCFADDEN INVESTMENTS, INC
213	MCFADDEN, JAMES E.
213	HART RONALD L
213	HARTWELL DONNA

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

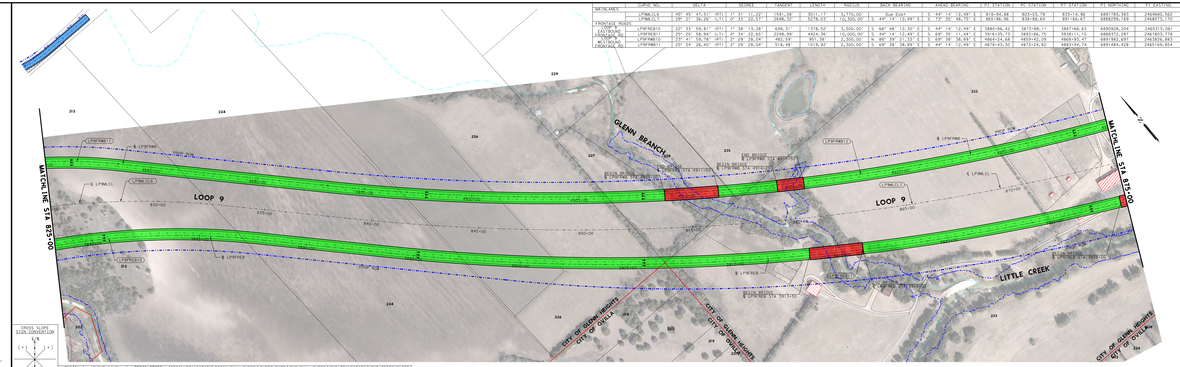
GENERAL NOTES:

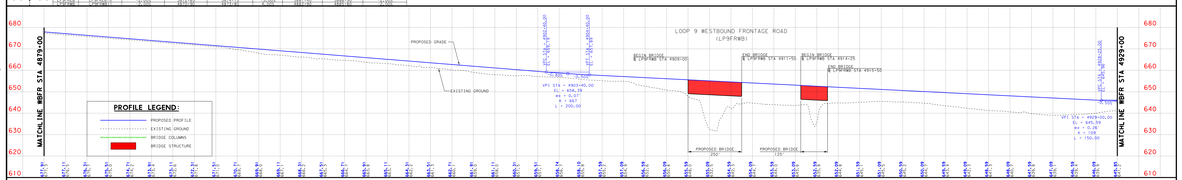
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL MAPS AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.
2. FINAL LOCATION OF MEDIAN OPENINGS WILL BE DETERMINED IN THE PSNC DEVELOPMENT PHASE IN COORDINATION WITH THE LOCAL GOVERNMENTS.
3. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE 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 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 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 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 DISCRETION OF THE ENGINEER DURING THE PSNC DEVELOPMENT 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 CONCRETE BARRIER (SSCB) UNLESS NOTED OTHERWISE.

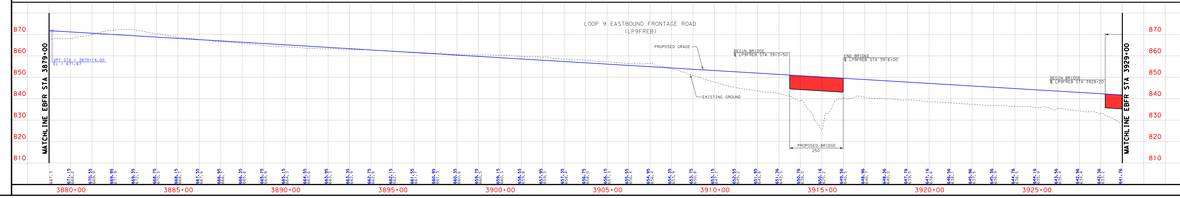
ROLL INDEX

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 800+29 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

	CURVE NO.	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION	PT NORTHING	PT EASTING
METALANES													
	LPMAL15	40° 49' 42.5"	0°11' 1"	1° 22' 29"	1635.08	5214.14	N 150.00'	S49°25'0"	S 54° 12' 12.5"	833+34.88	842+06.79	6837+63.783	2424885.960
	LPMAL16	21° 29' 27.5"	0°11' 1"	0° 41' 14"	1376.59	5214.14	N 150.00'	S 69° 38' 25.0"	S 69° 38' 25.0"	896+38.38	910+15.38	6837+06.105	2426375.170
FRONTAGE ROAD													
EASTBOUND	LPSFRE03	22° 33' 59.91"	0°11' 1"	0° 35' 13.28"	688.51'	7176.52'	S.500.00'	S 68° 48' 12.50"	S 68° 48' 12.50"	880+86.42	887+48.11	6837+08.53	2426003.204
EASTBOUND	LPSFRE05	22° 41' 16.78"	0°11' 1"	0° 35' 28.29"	708.94'	7176.52'	S.500.00'	S 68° 15' 12.50"	S 68° 15' 12.50"	892+71.16	899+80.10	6837+19.75	2425395.775
EASTBOUND	LPSFRE07	22° 41' 16.78"	0°11' 1"	0° 26' 28.24"	492.59'	7176.52'	S.500.00'	S 68° 15' 12.50"	S 68° 15' 12.50"	903+58.36	908+12.64	6837+22.54	2425010.125
WESTBOUND	LPSFRW03	20° 24' 26.40"	0°11' 1"	0° 29' 26.04"	578.48'	7076.52'	S.500.00'	S 69° 38' 25.0"	S 69° 38' 25.0"	896+38.38	902+16.86	6837+45.51	2427104.82
WESTBOUND	LPSFRW05	20° 24' 26.40"	0°11' 1"	0° 29' 26.04"	578.48'	7076.52'	S.500.00'	S 69° 38' 25.0"	S 69° 38' 25.0"	903+58.36	909+36.84	6837+48.33	2427426.654







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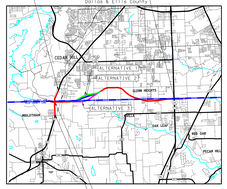

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NAME P.E. NUMBER
MICHAEL W. CENKOWSKI, P.E. 113868
NAME P.E. NUMBER
7/1/2019
DATE
HORIZONTAL SCALE 0 250 500
VERTICAL SCALE 0 5 10
ROLL 9 OF 13
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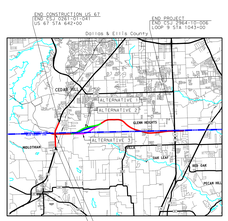

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2906 DALLAS PARKWAY, SUITE 101
FRISCO, TEXAS 75034
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HOSSEIN M. HOSSEINI, P.E. 119868
NAME P.E. NUMBER
MICHAEL D. LEWINSKI, P.E. 123848
NAME P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE: 0 250 500
VERTICAL SCALE: 0 50 100

ROLL 10 OF 13

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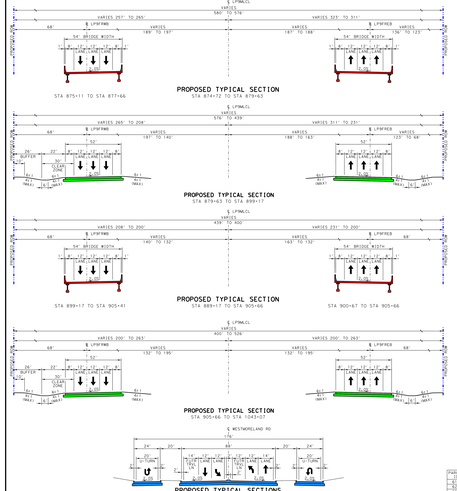

PARCEL	OWNER
233	MATADEEN INVESTMENTS, INC
234	ENTERPRISE GP HOLDINGS
235	ENTERPRISE GP HOLDINGS
236	JEFFERSON HOMES
237	MCC DALLAS, LLC
238	MARTINEZ JAMES WILSON &
239	MONTGOMERY JAMES
240	BRANCH MARK
241	FULLER STONNY GAIL
242	MCCOY JAMES ALLEN & MANDY L
243	THOMAS CHRISTOPHER M/ELIZA
244	BALL TRUSTEE
245	BOWLES JAMES W III & EDRINA
246	BOWLES LINDA
247	BANKS WILLIE B & PAMELA D
248	BOWLES JAMES W III & LINDA
249	BOWLES ALEXANDRIA M
250	SMITH FRANKIE
251	SMITH JAMES & VANESSA
252	ROBERTS GREGORY
253	MCCLOTHAN ROGER SR
254	MCCLOTHAN JOHN & KIMBERLY M
255	PARKER JAMES
256	LITCHFIELD ROY L & WANDA J
257	BOWLES MARY L
258	BOWLES LINDA
259	HOLD FOREST
260	SULLIVAN LAMONTE
261	SULLIVAN JAMES & MARY
262	WASHINGTON RUDOLPH &
263	MCCOLLUM JAMES
264	MCMASTER LEON
265	HUNTER WILLIAM & TABITHA N
266	SULLIVAN JEANNIE
267	SULLIVAN JEANNIE/MARIE N
268	SULLIVAN JEANNIE
269	JORDAN JENNIFER
270	BOND ROBERT & SHARLA
271	BOWLES JAMES & MARGINEL
272	BOWLES MARGINEL
273	TEXAS TRUST
274	TEXAS TRUST
275	WILSON JAMES
276	TYRRES ALVENTO
277	TYRRES ALVENTO
278	BOWLES ALEXANDRIA
279	CHOATE CLARK
280	CHOATE CLARK
281	BOWLES JAMES
282	BARTLE PETER
283	BOWLES JAMES /
284	BOWLES JAMES /
285	JIMENEZ SANTIAGO & VERONICA
286	JOHNSON PHILLIP & A
287	MCCARTER LEON
288	MCCARTER LEON /
289	MCCARTER LEON / COMPANY INC
290	BOWLES TIMOTHY
291	JIMENEZ SANTIAGO & VERONICA
292	BOWLES JAMES
293	BURDISS DUAN /
294	SHANDAGAR RICHARD
295	SLOAN DONALD DUANE

PARCEL	OWNER
296	GOMEZ LINDA & DELFINO GARCIA S &
297	SHEFFIELD DEVELOPMENT CO INC
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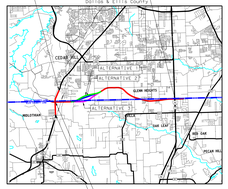

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Name P.E. NUMBER
MICHAEL J. LEWINSKI, P.E. 119883
Name P.E. NUMBER
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ORIGINAL SCALE
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VERTICAL SCALE: 0 5 10

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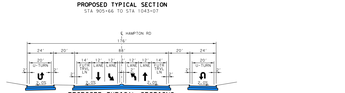

PARCEL NO.	OWNER
1	CITY OF DALLAS
2	DALLAS INVESTMENTS LP
3	DALLAS INVESTMENTS LP
4	ROSEMA SUTTON
5	ROSEMA SUTTON
6	ROSEMA SUTTON
7	ROSEMA SUTTON
8	ROSEMA SUTTON
9	ROSEMA SUTTON

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CROSS STREETS (URBAN COLLECTOR)	- 40 MPH
CROSS STREETS	- 35 MPH
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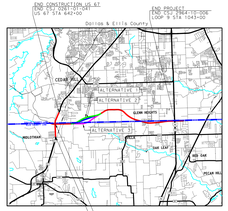

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SCHEMATIC PREPARED BY:
RECOMMENDED FOR ENVIRONMENTAL ASSESSMENT PURPOSES ONLY. NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the supervision of:
HOSSEIN M. HOSSEINI, P.E. 119868
Name P.E. NUMBER
MICHAEL W. LEWINSKI, P.E. 113665
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
TBPE Registration No. F-1046

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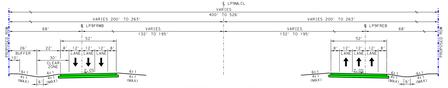
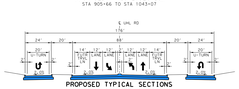
ORIGINAL PLOT DATE 7/1/2019
FILE NAME: 2964-10-006_SCH_SHEET_001.DGN
DGN: TxDOT_Sheet_Borders_Arrows.dgn
DESIGN SCHEMATIC - LOOP 9
DALLAS/ELLIS COUNTY
ROLL 12 OF 13
COUNTY: DALLAS/ELLIS
DATE: JULY 2019
TEXAS DEPARTMENT OF TRANSPORTATION



PROPOSED TYPICAL SECTION
STA 905+86 TO STA 1043+07



PROPOSED TYPICAL SECTIONS
UHL RD

PLAN LEGEND

- PROPOSED ℄'S
- 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 MAPS AND OTHER AVAILABLE DATA. ALL DIMENSIONS ARE APPROXIMATE.
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. IMPORTANT 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 CONJUNCTION WITH THE LOCAL GOVERNMENT 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 DISCRETION OF THE ENGINEER DURING THE PSNC PHASE OF THE PROJECT.
14. EXISTING CONVENIENCES 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: LOOP 9 MAINLANES (ALTERNATIVE 3)
STA 947+12 TO STA 1043+07
ROLL 2: LOOP 9 MAINLANES (ALTERNATIVE 3)
STA 842+00 TO STA 947+12
ROLL 3: LOOP 9 MAINLANES (ALTERNATIVE 3)
STA 596+00 TO STA 842+00
ROLL 4: LOOP 9 MAINLANES (ALTERNATIVE 3)
STA 596+00 TO STA 842+00
ROLL 5: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 842+00 TO STA 947+12
ROLL 6: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 947+12 TO STA 1043+07
ROLL 7: LOOP 9 MAINLANES (ALTERNATIVE 1)
STA 1043+07 TO STA 1129+00
ROLL 8: LOOP 9 MAINLANES
STA 1129+00 TO STA 875+00
ROLL 9: LOOP 9 MAINLANES
STA 1129+00 TO STA 875+00
ROLL 10: LOOP 9 MAINLANES
STA 875+00 TO STA 925+00
ROLL 11: LOOP 9 MAINLANES
STA 875+00 TO STA 925+00
ROLL 12: LOOP 9 MAINLANES
STA 925+00 TO STA 1025+00
ROLL 13: LOOP 9 MAINLANES
STA 1025+00 TO END PROJECT

PARCEL	OWNER	PARCEL	OWNER
419	NICHOLAS RICHARD & TRACY M	480	M. CIV COLEMAN & ANGE
420	BURTON GEORGE A	481	CELLUCCI REED A & JUSTIN SCHRADE
421	ALANIS ALEJANDRO & LORIANA RAMIREZ-CRUZ	482	ALAN & ANGELA CLAY
422	ALAMO VENTURES I, LTD	483	BLOOM PROPERTIES LLC
423	MARTINEZ JESUS & ROSALBA	484	ADAMS LEE A & CHRISTOPHER
424	GUERRERO JOSE	485	CARTER DAVID & CHRISTINA M
425	BURTON JAYLEE M	486	FORTES DOMINGUEZ M & ALFONSO SANTOS JR
426	ESTES COURT TRUSTEE	487	ALAMO VENTURES I, LTD
427	MARAVILLA JAVIER & MIGUELINA	488	MENDEZ DONNA L
428	MARTINEZ JESUS & ARMANDO	489	BRAGG MICHAEL L. II & TRACI
429	MARTINEZ ESTEBAN	490	BISHOP NORMAN P. JR & MC CONNELL-HAENDEL
430	BARRIENTOS JESUS	491	BURNAYTER BILLY & TOLITHA
431	ALAMO VENTURES I, LTD	492	BURNAYTER BILLY & TOLITHA
432	ALAMO VENTURES I, LTD	493	CARTER DAVID & CHRISTINA M
433	MUNOZ FRANCISCO	494	BUTLER DAYNEL
434	MUNOZ FRANCISCO	495	BUTLER DAYNEL & DAMONDRA
435	MARTINEZ ESTEBAN	496	WILLIAMS HERBERT A III & LEKARISHE
436	COLE DENNY P III	497	COLE DENNY P III
437	ALAMO VENTURES I, LTD	498	BLUE SOLAR CHARLIE J & SANDRA D
438	ALAMO VENTURES INC	499	WILLIAMS CHARLIE & CRISTIE C
439	MARTINEZ JESUS	500	HUNNICUTT MARCUS
440	COLE DENNY P III & MARY K	501	COLE DENNY P III
441	ALAMO VENTURES I, LTD	502	HUNNICUTT MARCUS & JUDY JR
442	ALAMO VENTURES I, LTD	503	SLOCUM TERRIA M & DONALD J JR
443	ALAMO VENTURES I, LTD	504	SOLOMON DEVONELLE & LUCINA TAUSE
444	ALAMO VENTURES I, LTD	505	ALAMO VENTURES I, LTD
445	ALAMO VENTURES I, LTD	506	JEFFERSON TONYA K
446	ALAMO VENTURES I, LTD	507	BLUE SOLAR CHARLIE J & GREGORY
447	ALAMO VENTURES I, LTD & MARTHA	508	WILLIAMS CHARLIE & JOSEPH D
448	SOLOMON DEVONELLE & LUCINA	509	ALAMO VENTURES I, LTD
449	ALAMO VENTURES I, LTD	510	LOPEZ MARIA PHILLIP & & ZOMBYONE M
450	ALAMO VENTURES I, LTD	511	THOMAS STACEY D & ANGELA L
451	ALAMO VENTURES I, LTD	512	ALAMO VENTURES I, LTD
452	ALAMO VENTURES I, LTD	513	BLUE SOLAR CHARLIE J & & GREGORY D
453	CASTRO ADRIEL	514	WILLIAMS CHARLIE & JOSEPH D
454	GONZALES ANTONIO M LIFE &	515	ALAMO VENTURES I, LTD
455	CARDO JOSE & GONZALEZ & PINELEYDA M FAMILY TRUSTEES	516	ALAMO VENTURES I, LTD
456	ALAMO VENTURES	517	MCBRAYER MELINDA R & WALTER K
457	ALAMO VENTURES I, LTD	518	ALAMO VENTURES I, LTD
458	ALAMO VENTURES I, LTD	519	ALAMO VENTURES I, LTD
459	ALAMO VENTURES I, LTD	520	BRIDGE PROPERTIES LLC
460	ALAMO VENTURES I, LTD	521	BRIDGE PROPERTIES LLC
461	ALAMO VENTURES I, LTD	522	BRIDGE PROPERTIES LLC
462	ALAMO VENTURES I, LTD	523	BRIDGE PROPERTIES LLC
463	ALAMO VENTURES I, LTD	524	BRIDGE PROPERTIES LLC
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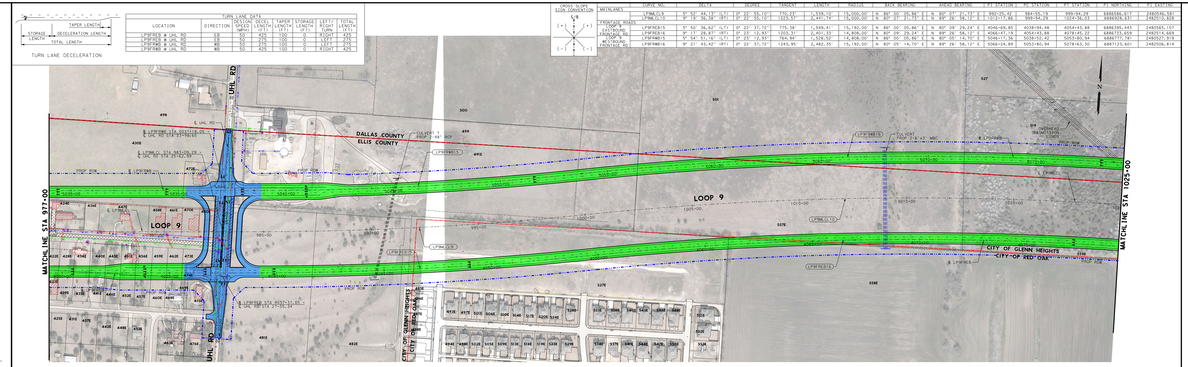
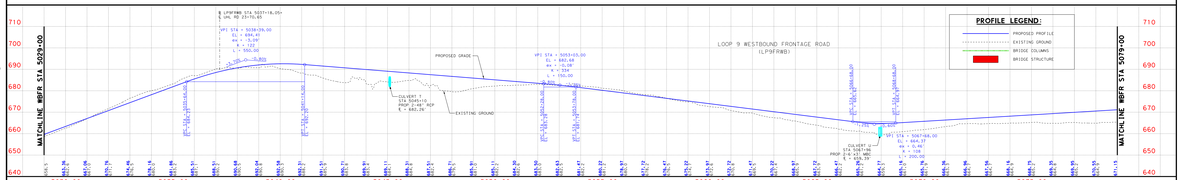
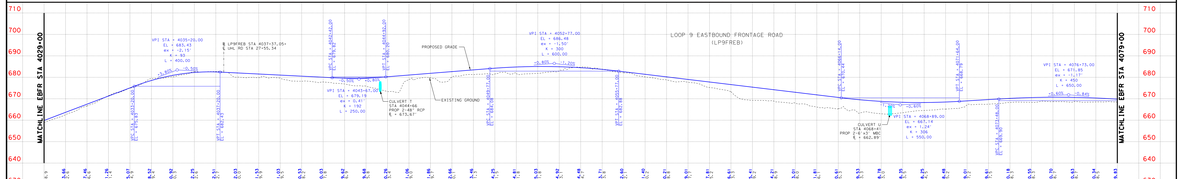
473	ALAMO VENTURES I, LTD	534	BRIDGE PROPERTIES LLC
474	ALAMO VENTURES I, LTD	535	BRIDGE PROPERTIES LLC
475	ALAMO VENTURES I, LTD	536	BRIDGE PROPERTIES LLC
476	ALAMO VENTURES I, LTD	537	BRIDGE PROPERTIES LLC
477	ALAMO VENTURES I, LTD	538	BRIDGE PROPERTIES LLC
478	ALAMO VENTURES I, LTD	539	BRIDGE PROPERTIES LLC
479	ALAMO VENTURES I, LTD	540	BRIDGE PROPERTIES LLC



TURN LANE DATA							
LOCATION	DIRECTION	DESIGN SPEED (MPH)	TAPER (FT)	STORAGE (FT)	LEFT(L) RIGHT(R)	TOTAL LENGTH (FT)	
LPMFMD @ UHL RD	EB	50	425	100	O	RIGHT	525
LPMFRD @ UHL RD	EB	50	425	100	O	RIGHT	525
LPMFMD @ UHL RD	WB	50	425	100	O	RIGHT	525
LPMFRD @ UHL RD	WB	50	425	100	O	RIGHT	525

CURVE DATA													
MATCHLINES	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	BACK BEARING	AHEAD BEARING	PI STATION	PC STATION	PT STATION	PI NORTHING	PI EASTING
LPMMLOLD	N 90° 46' 14" (L)	0° 20' 05" (L)	1'00.34	2'00.67	9,555.12'	N 89° 23' 07" E	N 89° 26' 19" E	1+00.34	1+00.34	2+00.67	2486026.84	7262000.12
LPMMLOLD	N 90° 46' 14" (L)	0° 20' 05" (L)	1'00.34	2'00.67	9,555.12'	N 89° 23' 07" E	N 89° 26' 19" E	1+00.34	1+00.34	2+00.67	2486026.84	7262000.12
PROPOSED RODS												
LPMFMB15	9° 50' 36.63" (L)	1° 21' 21" (L)	775.38'	1,545.41'	4,192.00'	N 89° 00' 09" E	N 89° 09' 29" E	40+46.45	40+46.45	40+38.44	2486785.45	7263103.12
LPMFMB15	9° 50' 36.63" (L)	1° 21' 21" (L)	775.38'	1,545.41'	4,192.00'	N 89° 00' 09" E	N 89° 09' 29" E	40+46.45	40+46.45	40+38.44	2486785.45	7263103.12
LPMFMB15	9° 54' 51.18" (L)	1° 22' 23" (R)	784.84'	1,528.52'	4,808.00'	N 89° 00' 05" E	N 89° 09' 17" E	50+41.76	50+41.76	50+38.52	2487180.94	7263172.78
LPMFMB15	9° 21' 43.42" (R)	1° 22' 21" (R)	1343.95'	2,482.35'	15,192.00'	N 89° 09' 15" E	N 89° 09' 17" E	50+24.84	50+24.84	50+18.43	2487143.60	7263128.414





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
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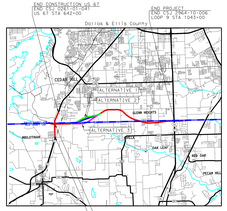

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Name P.E. NUMBER
MICHAEL W. LEWINSKI, P.E. 113665
Name P.E. NUMBER
7/1/2019
DATE

HORIZONTAL SCALE
0 250 500
VERTICAL SCALE
0 5 10

ROLL 12 OF 13

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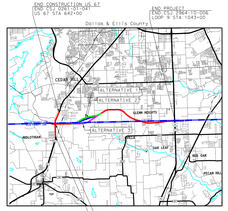

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REGISTERED PROFESSIONAL ENGINEER
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Prepared by or under the supervision of:
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Name P.E. NUMBER
MICHAEL D. TOMINSKI, P.E. 123849
Name P.E. NUMBER
7/1/2019
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HORIZONTAL SCALE
0 25 50 100
VERTICAL SCALE
0 5 10

ROLL 13 OF 13

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

℄ LPMCL
VARIES
400' TO 529'
VARIES 200' TO 267'
℄ LPBFWB
℄ LPBFEB
VARIES 132' TO 180'
68'
24' BUFFER
12'
12'
12'