COLLIN COUNTY TOLL ROAD AUTHORITY

CITY OF CELINA
COLLIN COUNTY, TEXAS

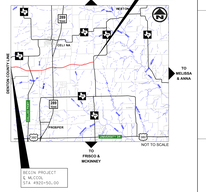
FROM: COLLIN/DENTON COUNTY LINE TO FM 2478
NET PROJECT LENGTH= 32918.73 FT = 6.234 MILES

CONSTRUCTION OF COLLIN COUNTY OUTER LOOP SEGMENT 3
COMPRISING OF MAINLANES, FRONTAGE ROADS, INTERCHANGES AND RAMPS

ROADWAY FUNCTIONAL CLASSIFICATION:	URBAN FREEWAY
DESIGN SPEED (MAINLANES):	70 MPH
DESIGN SPEED (RAMPS):	50 MPH
DESIGN SPEED (FRONTAGE ROAD):	50 MPH
DESIGN SPEED (RAMPS):	30 MPH
DESIGN SPEED (CROSS STREETS):	45 MPH
HORIZONTAL DATUM:	HORIZ: TX-NSRS 2011
GOOGLE EARTH IMAGERY DATE:	2018

X-YRS
MAIN LOOP SR.
FRONTAGE ROADS
RAMPS

LOCATION MAP



SCALE: 1IN = 1000FT
HORIZONTAL/PLAN

LEGEND

- FUTURE MAINLANES
- FUTURE MAINLANE BRIDGE
- FUTURE IMPROVEMENTS (BY OTHERS)
- EXISTING MAINLANES TO REMAIN
- CONSTRUCTION (BY OTHERS)
- RAMPS
- DIRECT CONNECTOR BRIDGE
- RAMP BRIDGE
- OVERPASS (CPR)
- CONCRETE PAVING
- COUNTY DEMARCATION
- FUTURE RIGHT-OF-WAY / FUTURE PARCEL AREA
- EXISTING EASEMENT
- PROPOSED RIGHT-OF-WAY / RIGHT-OF-WAY
- UTILITY EASEMENT
- PROPOSED RIGHT-OF-WAY / EASEMENT (R)
- PROPOSED RIGHT-OF-WAY / EASEMENT (E)
- PROPOSED EASEMENT
- PROPOSED EASEMENT (DRAINAGE)
- RETAINING WALL
- SOUND WALL (BY OTHERS)
- SUBMITTAL
- DIRECTION OF TRAVEL
- CONTROLLED ACCESS

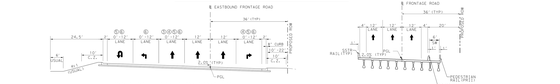
NOTES:

1. ALIGNMENT DEVELOPMENTS AND PRELIMINARY DESIGNED BY OTHERS
2. SEE SHEET 2 FOR GENERAL NOTES
3. SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) AND THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) SHALL BE USED FOR THIS PROJECT.
4. BASIS OF BEARINGS: TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE (4202), NAD 83 (2011) EPOCH 2010.00. ALL COORDINATES SHOWN HEREON ARE GRID VALUES PRODUCED USING THE TRIMBLE VRS NOW NETWORK AND TXDOT ON-LINE POSITIONING SERVICE (TOPS) DERIVED USING THE WESTERN GEOLYSTEMS (WGS) NETWORK.
5. ALL DIMENSIONS SHOWN ARE GRID VALUES UNLESS OTHERWISE NOTED. ALL DISTANCES ARE BASED ON GRID VALUES TO OBTAIN SURFACE VALUES, MULTIPLY BY THE COMBINED SCALE FACTOR OF 1.00013 SHOWN ON THE PLANS, DATED APRIL 2018, AND ARE SUBJECT TO CHANGE.
6. ALL PROPOSED ROADWAY IMPROVEMENTS SHOWN ARE CONCEPTUAL AND PRELIMINARY AND SUBJECT TO CHANGE.
7. ALL PROPOSED ROADWAY IMPROVEMENTS BEYOND COLLIN COUNTY LINE IN EXTENTS ARE DEPENDENT ON FUTURE DESIGN DEVELOPED BY OTHERS.
8. ALL PROPOSED ROADWAY IMPROVEMENTS SHOWN ARE CONCEPTUAL AND PRELIMINARY AND SUBJECT TO CHANGE. ALL PROPOSED CONSTRUCTION, SIGNAGE, DRAINAGE, UTILITY RELOCATIONS AND RIGHT-OF-WAY / EASEMENT REQUIREMENTS ARE SUBJECT TO CHANGE.
9. ALL PROPOSED ROADWAY IMPROVEMENTS SHOWN ARE CONCEPTUAL AND PRELIMINARY AND SUBJECT TO CHANGE.
10. DESIGNS OF ALL BRIDGE STRUCTURES ARE BASED ON PRELIMINARY ESTIMATES AND ARE SUBJECT TO CHANGE. FINAL DESIGNS ARE BY THE NEXT DESIGN PHASE.
11. ALL PROPOSED ROADWAY IMPROVEMENTS SHOWN ARE CONCEPTUAL AND PRELIMINARY AND SUBJECT TO CHANGE. ALL PROPOSED CONSTRUCTION, SIGNAGE, DRAINAGE, UTILITY RELOCATIONS AND RIGHT-OF-WAY / EASEMENT REQUIREMENTS ARE SUBJECT TO CHANGE.
12. CONTROL OF ACCESS TO BE DETERMINED THROUGH PERMIT PROCESS.
13. ALL PROPOSED ROADWAY IMPROVEMENTS SHOWN ARE CONCEPTUAL AND PRELIMINARY AND SUBJECT TO CHANGE. ALL PROPOSED CONSTRUCTION, SIGNAGE, DRAINAGE, UTILITY RELOCATIONS AND RIGHT-OF-WAY / EASEMENT REQUIREMENTS ARE SUBJECT TO CHANGE.
14. ALIGNMENT, CHANNELIZATION METHODS WILL BE IMPLEMENTED INTERNAL DESIGN.

JACOBS
1999 BRYAN STREET, SUITE 1200
DALLAS, TX 75201
PH: 214.638.0145 FX: 214.638.0447
TBPE FIRM NO. F-2966

ROLL 6 OF 9

PROPOSED ULTIMATE TYPICAL SECTIONS



PROPOSED TYPICAL SECTION EASTBOUND FRONTAGE RD

① 3 LANES BEGIN STATION - STA 5071+35.93
② 3 LANES STA 5091+75.23 - STA 5111+16.86
③ 3 LANES STA 5171+16.46 - STA 5173+50.82
④ 3 LANES STA 5176+50.82 - STA 5186+50.82
⑤ 3 LANES STA 5192+25.78 - STA 5196+52.50
⑥ 3 LANES STA 5196+52.50 - STA 5199+75.02
⑦ 3 LANES STA 5199+75.02 - STA 5203+96.71

PROPOSED TYPICAL SECTION WESTBOUND FRONTAGE RD

PROPOSED TYPICAL SECTION WESTBOUND FRONTAGE RD

① 3 LANES BEGIN STATION - STA 5071+35.93
② 3 LANES STA 5091+75.23 - STA 5111+16.86
③ 3 LANES STA 5171+16.46 - STA 5173+50.82
④ 3 LANES STA 5176+50.82 - STA 5186+50.82
⑤ 3 LANES STA 5192+25.78 - STA 5196+52.50
⑥ 3 LANES STA 5196+52.50 - STA 5199+75.02
⑦ 3 LANES STA 5199+75.02 - STA 5203+96.71

RAMP TYPICAL SECTION

EASTBOUND FRONTAGE RD

① 3 LANES STA 5106+25.02 - STA 5180+85.47
② 3 LANES STA 5180+85.47 - STA 5196+25.02
③ 3 LANES STA 5176+82.87 - STA 5213+86.80
④ 3 LANES STA 5213+86.80 - STA 5224+96.47
⑤ 3 LANES STA 5224+96.47 - STA 5253+15.86
⑥ 3 LANES STA 5253+15.86 - END STATION

EASTBOUND FRONTAGE RD

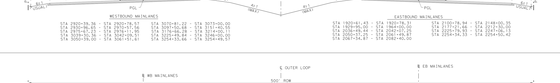
① 3 LANES STA 4085+13.75 - STA 4161+06.21
② 3 LANES STA 4161+06.21 - STA 4168+68.57
③ 3 LANES STA 4168+68.57 - STA 4174+84.74
④ 3 LANES STA 4174+84.74 - STA 4219+05.89
⑤ 3 LANES STA 4219+05.89 - STA 4239+42.62
⑥ 3 LANES STA 4239+42.62 - END STATION

WESTBOUND MAINLANES

STA 2924+06.36 - STA 2925+78.51
STA 2925+78.51 - STA 3000+00.00
STA 3000+00.00 - STA 3047+75.51
STA 3047+75.51 - STA 3050+00.00

EASTBOUND MAINLANES

STA 1924+81.49 - STA 1925+78.51
STA 1925+78.51 - STA 2000+00.00
STA 2000+00.00 - STA 2047+75.51
STA 2047+75.51 - STA 2050+40.00

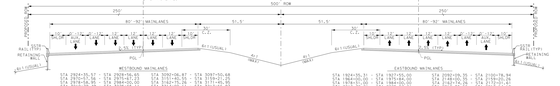


WESTBOUND MAINLANES

STA 2924+06.37 - STA 2925+78.51
STA 2925+78.51 - STA 3000+00.00
STA 3000+00.00 - STA 3047+75.49
STA 3047+75.49 - STA 3050+00.00

EASTBOUND MAINLANES

STA 1924+06.35 - STA 1925+78.51
STA 1925+78.51 - STA 2000+00.00
STA 2000+00.00 - STA 2047+75.51
STA 2047+75.51 - STA 2050+40.00

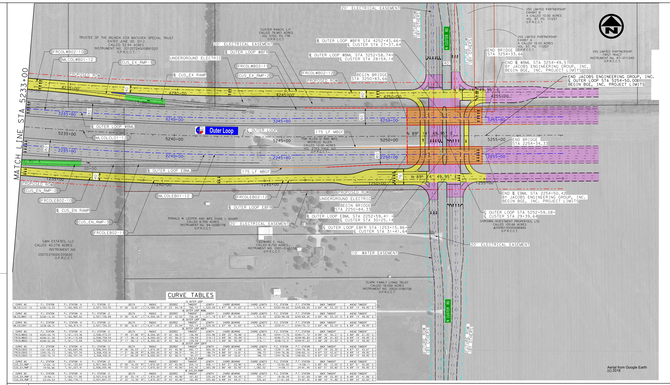


WESTBOUND MAINLANES

STA 2924+06.37 - STA 2925+78.51
STA 2925+78.51 - STA 3000+00.00
STA 3000+00.00 - STA 3047+75.51
STA 3047+75.51 - STA 3050+00.00

EASTBOUND MAINLANES

STA 1924+06.37 - STA 1925+78.51
STA 1925+78.51 - STA 2000+00.00
STA 2000+00.00 - STA 2047+75.51
STA 2047+75.51 - STA 2050+40.00


MUSTANG LANE STA 4933+00
OUTER LOOP
TRUSTEE OF THE RUSSELL FAMILY SPECIAL TRUST
VOL 5129 PG 4
DEED RECORDS
COLLIN COUNTY, TEXAS
CELINA MUSTANG LLC
VOL 6139 PG 3