ROLL 3 OF 8

# TEXAS DEPARTMENT OF TRANSPORTATION
## FORT WORTH DISTRICT

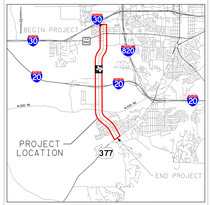
LOYL C. BUSSELL, P.E. - DISTRICT ENGINEER

AUGUST 6, 2020
VIRTUAL PUBLIC MEETING DISPLAY
RM 2871

FROM: I-30
TO: US 377
CSJ: 2855-01-022
LENGTH OF PROJECT = 5.122 MI

TARRANT COUNTY

CONSTRUCTION OF PROPOSED ROADWAY IMPROVEMENTS
INCLUDING WIDENING ROADWAY, INTERSECTION IMPROVEMENTS




PROJECT LOCATION MAP
Not To Scale

FUNCTIONAL CLASSIFICATION:

URBAN PRINCIPAL ARTERIAL....DESIGN SPEED
RM 2871.....50 MPH
SPUR 580.....50 MPH
US 377.....50 MPH

URBAN COLLECTOR.....DESIGN SPEED
CROSS STREETS.....VARIES 30-40 MPH

PLAN LEGEND

- EXISTING ROW
- EXISTING ROW (RM 2871 R.)
- EXISTING DRAINAGE EASEMENT
- EXISTING PROPERTY LINES
- PROPOSED ROW
- DRAINAGE AREA
- EXISTING RAILROAD
- PAVEMENT REMOVAL
- EXISTING CULVERT
- EXISTING STRUCTURE
- EXISTING FENCELINE
- EXISTING TRAFFIC SIGNAL
- EXISTING DIRECTION OF TRAFFIC
- PROPOSED DIRECTION OF TRAFFIC
- EXISTING ROADWAY
- PROPOSED ROADWAY
- PROPOSED MEDIAN
- PROPOSED SHARED USE PATH
- PROPOSED ADA CURB RAMP
- PROPOSED SIDEWALK
- PROPOSED DRIVEWAY
- PROPOSED RETAINING WALL
- PROPOSED BRIDGE STRUCTURE
- FUTURE PROPOSED PROJECT
- EXISTING DRAINAGE FEATURE
- DENIAL OF ACCESS
- TARRANT REGIONAL WATER DISTRICT RAWHIDE/ATMOS WATER TRANSMISSION PIPELINE

AERIAL IMAGERY DATE.....2016
TOPOGRAPHICAL DATA DATE.....8/2018

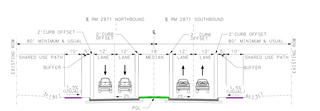
Texas Department of Transportation
Fort Worth District

THESE PRELIMINARY DOCUMENTS ARE TO BE RELEASED FOR INFORMATION PURPOSES AND MAY NOT BE USED FOR BIDDING OR CONSTRUCTION. THEY WERE PREPARED FOR THE TEXAS DEPARTMENT OF TRANSPORTATION UNDER THE SUPERVISION OF:

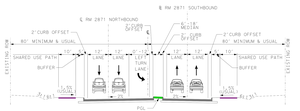
PATRICK J. ROSS, P.E. DATE: 8/20/2020
SERIAL NO. 81204

R.G. MILLER ENGINEERS, INC.
TBPE FIRM REGISTRATION NO. F-687

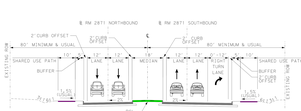
# ROLL 3-ALTERNATIVE C
# RAILROAD GRADE SEPARATION, ALEDO ACCESS ROAD



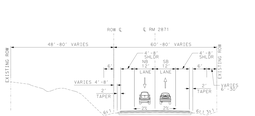

PROPOSED 4 LANE TYPICAL w/ SHARED USE PATH & MEDIAN
STA. 219+00 - STA. 231+51, STA. 236+36 - STA. 240+15,
STA. 276+16 - STA. 277+63, STA. 287+46 - STA. 290+00
NOT TO SCALE



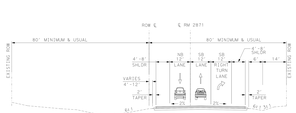

PROPOSED 4 LANE TYPICAL w/ SHARED USE PATH & MEDIAN - NB LEFT TURN LANE
STA. 231+51 - STA. 236+36, STA. 245+54 - STA. 250+95
NOT TO SCALE




PROPOSED 4 LANE TYPICAL w/ SHARED USE PATH & MEDIAN - SB RIGHT TURN LANE
STA. 250+95 - STA. 252+45
NOT TO SCALE



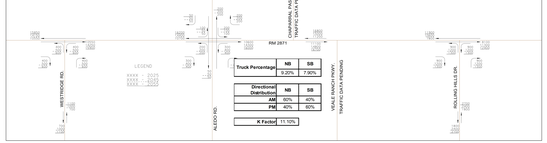

EXISTING 2 LANE TYPICAL SECTION
STA. 219+00 - STA. 246+65, STA. 257+33 - STA. 268+92
STA. 286+40 - STA. 290+00
NOT TO SCALE




EXISTING 3 LANE TYPICAL SECTION
STA. 246+65 - STA. 252+50, STA. 268+92 - STA. 272+98,
STA. 277+38 - STA. 282+53
NOT TO SCALE

## TRAFFIC DIAGRAMMATIC: AVERAGE DAILY TRAFFIC

SOURCE: TxDOT TRANSPORTATION PLANNING & PROGRAMMING DIVISION



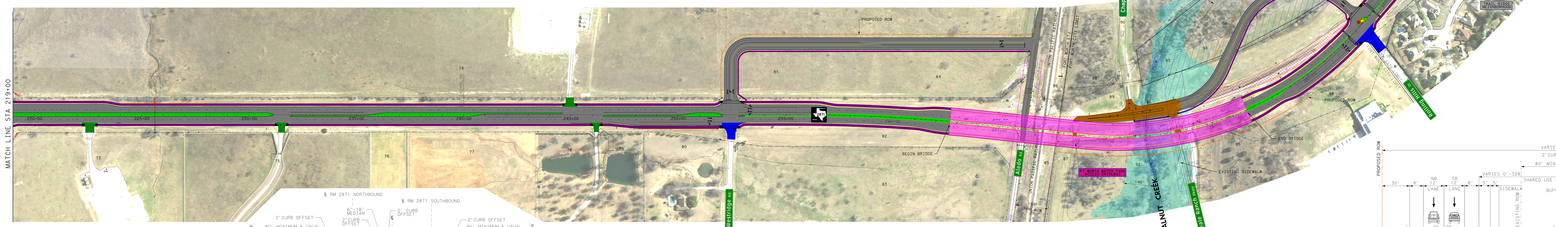

| Truck Percentage | NB | SB |
|---|---|---|
| | 9.20% | 7.90% |

| Directional Distribution | NB | SB |
|---|---|---|
| AM | 60% | 40% |
| PM | 40% | 60% |

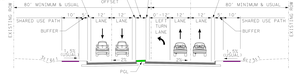
K Factor 11.10%

## PARCEL ID TABLE

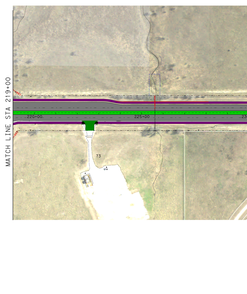
| ID | NAME |
|---|---|
| 73 | DRY, MIKE |
| 74 | ROCKBROOK PARTNERSHIP LTD |
| 75 | DRY & BUSBY LLC |
| 76 | LEGACY STUD LLC |
| 77 | LEGACY STUD LLC |
| 78 | PLUMMER, S DAVID |
| 79 | PLUMMER, S DAVID |
| 80 | HUCK, JOHN B |
| 81 | ROCKBROOK PARTNERSHIP LTD |
| 82 | DRY, MIKE |
| 83 | DRY, MIKE |
| 84 | ROCKBROOK PARTNERSHIP LTD |
| 85 | UNION PACIFIC RR CO |
| 86 | UNION PACIFIC RR CO |
| 87 | IONA EAST DEVELOPMENT LLC |
| 88 | CALICHE LAND LLC |
| 89 | CALICHE LAND LLC |
| 90 | BYD SLH-FP LLC |
| 91 | BYD SLH-FP LLC |
| 92 | IONA EAST LLC |
| 93 | TABERNACLE OF PRAISE FT WORTH |
| 94 | TABERNACLE OF PRAISE FT WORTH |
| 95 | IONA LLC |
| 96 | TABERNACLE OF PRAISE FT WORTH |
| 97 | TABERNACLE OF PRAISE FT WORTH |
| 98 | HIGHRIDGE CHURCH INC |
| 99 | TABERNACLE OF PRAISE FT WORTH |
| 100 | TABERNACLE OF PRAISE FT WORTH |
| 101 | TABERNACLE OF PRAISE FT WORTH |
| 102 | TABERNACLE OF PRAISE FT WORTH |
| 103 | HANNIFIN, BRIDGET |
| 104 | CORAL, BRET ALAN |
| 105 | HOWE, RAYMOND |
| 106 | WHITTEN, JOLLY BILL |
| 107 | FITZGERALD, WENDY LEE |
| 108 | ALVAREZ, DIAMANTINA |
| 109 | TYLER, G.HOGAN |
| 110 | WOODARD, BARBARA |
| 111 | HERNANDEZ, STELLA M |
| 112 | CARKIN, NAOMI |
| 113 | HENSTINE, MV C |
| 114 | TABERNACLE OF PRAISE FT WORTH |

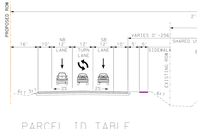



PROPOSED 6 LANE TYPICAL SECTION w/ SHARED USE PATH & MEDIAN BRIDGE APPROACH
STA. 262+65 - STA. 276+16
NOT TO SCALE

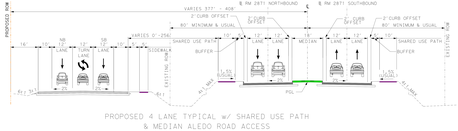



PROPOSED 4 LANE TYPICAL w/ SHARED USE PATH & MEDIAN - SB LEFT TURN LANE
STA. 240+15 - STA. 245+54
NOT TO SCALE

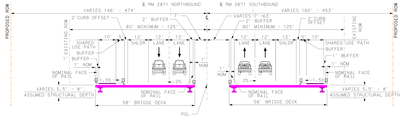


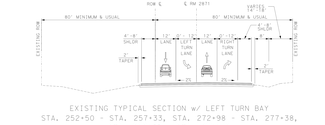

PROPOSED 4 LANE TYPICAL w/ SHARED USE PATH & MEDIAN - NB LEFT TURN LANE & ALEDO ACCESS
STA. 252+45 - STA. 257+45
NOT TO SCALE



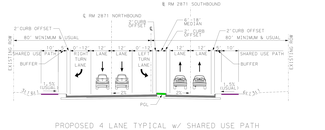

PROPOSED 4 LANE TYPICAL w/ SHARED USE PATH & MEDIAN ALEDO ROAD ACCESS
STA. 257+45 - STA. 262+65
NOT TO SCALE



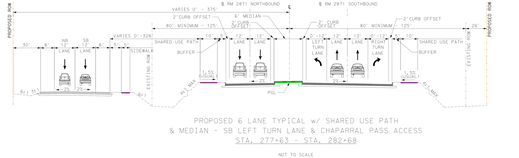

PROPOSED 6 LANE TYPICAL SECTION w/ SHARED USE PATH & MEDIAN BRIDGE APPROACH
STA. 262+65 - STA. 276+16
NOT TO SCALE




EXISTING TYPICAL SECTION w/ LEFT TURN BAY
STA. 252+50 - STA. 257+33, STA. 272+98 - STA. 277+38,
STA. 282+53 - STA. 286+40
NOT TO SCALE




PROPOSED 4 LANE TYPICAL w/ SHARED USE PATH & MEDIAN - NB LEFT TURN & NB RIGHT TURN LANES
STA. 282+68 - STA. 287+46
NOT TO SCALE




PROPOSED 6 LANE TYPICAL w/ SHARED USE PATH & MEDIAN - SB LEFT TURN LANE & CHAPARRAL PASS ACCESS
STA. 277+63 - STA. 282+68
NOT TO SCALE

ROLL 3 OF 8

TEXAS DEPARTMENT OF TRANSPORTATION
FORT WORTH DISTRICT

LOYL C. BUSSELL, P.E. - DISTRICT ENGINEER

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