ROLL 4 OF 8

TEXAS DEPARTMENT OF TRANSPORTATION
FORT WORTH DISTRICT

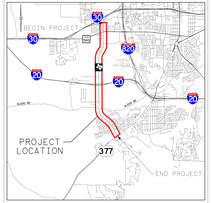
LOYL C. BUSSELL, P.E. - DISTRICT ENGINEER

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 ℄)
- 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 STRUCTURE
- PROPOSED DRIVEWAY
- PROPOSED RETAINING WALL
- PROPOSED BRIDGE STRUCTURE
- FUTURE PROPOSED PROJECT
- EXISTING DRAINAGE FEATURE
- DENIAL OF ACCESS
- TARRANT REGIONAL WATER DISTRICT (ABANDONED WATER TRANSMISSION PIPELINE)

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

Texas Department of Transportation
Fort Worth District

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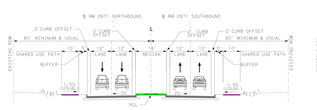
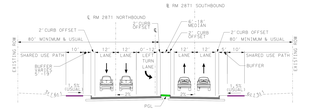
PATRICK J. BOSS, P.E. DATE: 8/7/2020
DERAL NO. 81208

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

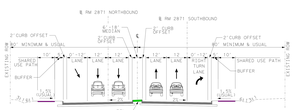
ROLL 3-ALTERNATIVE B
RAILROAD GRADE SEPARATION, LOOP RAMPS



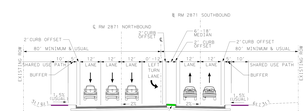
PROPOSED 4 LANE TYPICAL SECTION w/ SHARED USE PATH, & MEDIAN
STA. 219+00 - STA. 231+51, STA. 236+36 - STA. 240+15,
STA. 287+40 - STA. 290+00
NOT TO SCALE



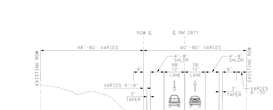
PROPOSED 4 LANE TYPICAL SECTION w/ SHARED USE PATH, & MEDIAN - NB LEFT TURN LANE
STA. 231+51 - STA. 236+36, STA. 245+54 - STA. 250+95,
STA. 282+55 - STA. 287+40
NOT TO SCALE



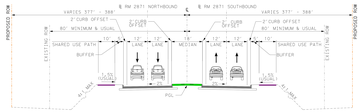
PROPOSED 4 LANE TYPICAL SECTION w/ SHARED USE PATH, & MEDIAN - NB MERGE LANE & SB RIGHT TURN LANE
STA. 245+54 - STA. 252+45
NOT TO SCALE



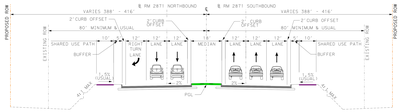
PROPOSED 5 LANE TYPICAL SECTION w/ SHARED USE PATH, & MEDIAN - SB RIGHT TURN LANE
STA. 252+45 - STA. 257+50
NOT TO SCALE



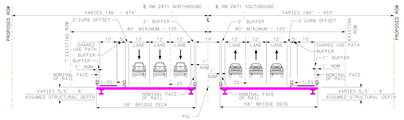
EXISTING 2 LANE TYPICAL SECTION
STA. 219+00 - STA. 246+65, STA. 257+33 - STA. 268+92,
STA. 268+40 - STA. 301+00
NOT TO SCALE



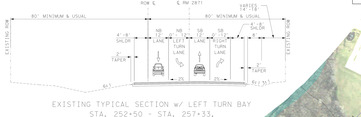
PROPOSED 4 LANE TYPICAL SECTION w/ SHARED USE PATH & MEDIAN
STA. 257+50 - STA. 260+83
NOT TO SCALE



PROPOSED 6 LANE TYPICAL SECTION w/ SHARED USE PATH, & MEDIAN
STA. 260+83 - STA. 262+74
NOT TO SCALE



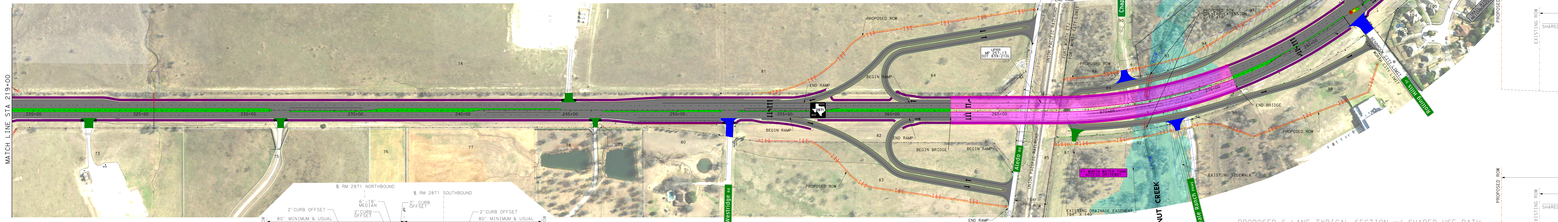
PROPOSED RM 2871 BRIDGE TYPICAL SECTION
STA. 262+74 - STA. 276+06
NOT TO SCALE

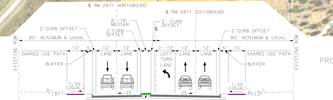


EXISTING TYPICAL SECTION w/ LEFT TURN BAY
STA. 252+50 - STA. 257+33,
STA. 272+98 - STA. 277+38,
STA. 282+53 - STA. 286+40
NOT TO SCALE

PARCEL ID TABLE

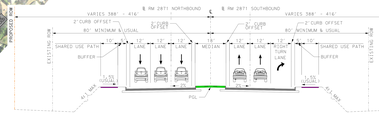
ID	NAME
73	DRY, MIKE
74	ROCKBROOK PARTNERSHIP LTD
75	DRY & BUSBY LLC
76	LEGACY STUD LLC
77	LEGACY STUD LLC
78	PLUMMER, S DAVID
79	PLUMMER, S DAVID
80	HUCK, JOHN B
81	ROCKBROOK PARTNERSHIP LTD
82	DRY, MIKE
83	DRY, MIKE
84	ROCKBROOK PARTNERSHIP LTD
85	UNION PACIFIC RR CO
86	UNION PACIFIC RR CO
87	IONA EAST DEVELOPMENT LLC
88	CALICHE LAND LLC
89	CALICHE LAND LLC
90	BYD SLR-FP LLC
91	BYD SLR-FP LLC
92	IONA EAST LLC
93	TABERNACLE OF PRAISE FT WORTH
94	TABERNACLE OF PRAISE FT WORTH
95	IONA EAST 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	WHITE, BRIDGET
104	CORAM, BRET ALAN
105	HOWELL, RAYMOND
106	WHITTEN, JOLLY BILL
107	FITZGERALD, WENDY LEE
108	ALVAREZ, DIAMANTINA
109	TYER, G LOGAN
110	MOODARD, BARBARA
111	HERNANDEZ, STELLA M
112	CARKIN, NAOMI
113	HENNINGE, RW C
114	TABERNACLE OF PRAISE FT WORTH



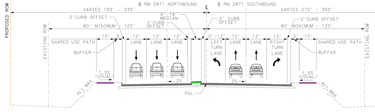


PROPOSED 4 LANE TYPICAL w/ SHARED USE PATH & MEDIAN - SB LEFT TURN LANE
STA. 240+15 - STA. 245+54
NOT TO SCALE

EXISTING 3 LANE TYPICAL SECTION
STA. 246+65 - STA. 252+50, STA. 268+92 - STA. 272+98,
STA. 277+58 - STA. 282+53
NOT TO SCALE



PROPOSED 5 LANE TYPICAL SECTION w/ SHARED USE PATH, & MEDIAN - SB RIGHT TURN LANE
STA. 276+06 - STA. 277+68
NOT TO SCALE



PROPOSED 6 LANE TYPICAL SECTION w/ SHARED USE PATH, & MEDIAN - SB LEFT TURN & RIGHT TURN LANES
STA. 277+68 - STA. 282+55
NOT TO SCALE

ROLL 4 OF 8

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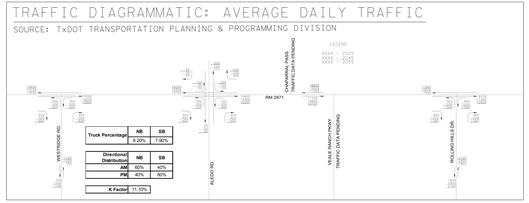
ROLL 3-ALTERNATIVE B
RAILROAD GRADE SEPARATION, LOOP RAMPS

TRAFFIC DIAGRAMMATIC: AVERAGE DAILY TRAFFIC

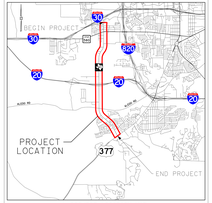
SOURCE: TxDOT TRANSPORTATION PLANNING & PROGRAMMING DIVISION



Truck Percentage	NB	SB
	9.20%	7.50%

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

K-Factor 11.10%



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