APPENDIX B: Design Schematics

Texas Department of Transportation

DALLAS DISTRICT

MOHAMED K. BUHL P.E.,DISTRICT ENGINEER

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-15-002
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SH5 TO FM 1827

SCHEMATIC & CONCEPT SCALE 1" = 100'
SCHEMATIC & CONCEPT SCALE 1" = 20'
SCHEMATIC & CONCEPT SCALE 1" = 40'
SCHEMATIC & CONCEPT SCALE 1" = 80'

REVISION	REVISION DATE
US 380 (WITH BRIDGE)	LEGEND PRELIMINARY	00 JAN 00	XX
US 380 (WITH BRIDGE)	LEGEND PRELIMINARY	00 JAN 00	XX
US 380 (WITH BRIDGE)	LEGEND PRELIMINARY	00 JAN 00	XX
US 380 (WITH BRIDGE)	LEGEND PRELIMINARY	00 JAN 00	XX
SEVEN POINTS	LEGEND PRELIMINARY	00 JAN 00	XX
SEVEN POINTS	LEGEND PRELIMINARY	00 JAN 00	XX
SEVEN POINTS	LEGEND PRELIMINARY	00 JAN 00	XX
SEVEN POINTS	LEGEND PRELIMINARY	00 JAN 00	XX

SCHEMATIC PREPARED BY:
J. TYLER BUTTRY, P.E. 119264
JOSHUA RYAN PARKINSON, P.E. 119264
ALEXANDER MICHAEL BOLTON, P.E. 119264

PRELIMINARY

THIS DOCUMENT IS PRELIMINARY AND IS FOR REVIEW PURPOSES ONLY. IT SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.

BURNS & McDONNELL

JULY 2022

STATE ROAD: FM
CONTROL: 7000

ROLL 1 OF 42

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TYPICAL SECTIONS LEGEND
- PROPOSED US 380 (WITH BRIDGE)
- PROPOSED US 380 (WITHOUT BRIDGE)
- PROPOSED FRONTAGE ROADS
- PROPOSED RAMPS
- PROPOSED CROSS STREETS
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT MARKINGS
- PROPOSED PAVEMENT MARKING (WHITE)
- PROPOSED PAVEMENT MARKING (YELLOW)
- EXISTING PAVEMENT
- EXISTING CURB
- EXISTING CURB (WITH GUTTER)
- EXISTING CURB (WITHOUT GUTTER)
- EXISTING GRADE BREAKPOINT

EXISTING US 380

EXISTING COIT RD

EXISTING COIT RD

EXISTING FRESTWICK HOLLOW DR

EXISTING LAKEWOOD DR

PROPOSED US 380 - 242'-00" ROW

PROPOSED US 380

PROPOSED US 380

PROPOSED US 380

PROPOSED FRESTWICK HOLLOW DR

PROPOSED LAKEWOOD DR

PROPOSED US 380 - 242'-00" ROW

PROPOSED US 380 WBRR BRIDGE

PROPOSED US 380 BRIDGE

PROPOSED US 380 EBRR BRIDGE

TRAFFIC LEGEND
- EXISTING LANE
- PROPOSED LANE
- EXISTING LANE WITH BRIDGE
- PROPOSED LANE WITH BRIDGE

TRAFFIC FLOWS OPPOSITE OF THIS DIRECTION ON THIS LANE

EXISTING
PROPOSED
EXISTING
PROPOSED
EXISTING
PROPOSED

Texas Department of Transportation

DALLAS DISTRICT
MOHAMED A. BUHL P.E.,L.S. DISTRICT ENGINEER

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-02-052
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

SCHEMATIC A (WITHOUT TOLL OPTION)
SCHEMATIC B (WITH TOLL OPTION)
SCHEMATIC C (WITHOUT TOLL OPTION)
SCHEMATIC D (WITH TOLL OPTION)

REVISIONS	DATE
US 380 WETLANDS	JUNE 2022
US 380 ROW	JUNE 2022
US 380 ROW	JUNE 2022
US 380 ROW	JUNE 2022
US 380 ROW	JUNE 2022
US 380 ROW	JUNE 2022
US 380 ROW	JUNE 2022
US 380 ROW	JUNE 2022

PRELIMINARY

SCHEMATIC PREPARED BY:
BURNS & McDONNELL ENGINEERING COMPANY, INC.
9400 NORTH CENTRAL EXPRESSWAY, SUITE 1610
DALLAS, TEXAS 75231
TEXAS REGISTERED ENGINEERING FIRM F-21231
TEXAS REGISTERED LAND SURVEYING FIRM 10046400

JULY 2022

BURNS & McDONNELL

LICENSED TO PRACTICE ENGINEERING IN TEXAS
LICENSED TO PRACTICE SURVEYING IN TEXAS

ROLL 2 OF 42

TYPICAL SECTIONS LEGEND

- PROPOSED PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB AND GUTTER TYPE
- PROPOSED SIDEWALK
- PROPOSED RIPRAP
- PROPOSED PRESTRESSED PANEL
- PROPOSED PRESTRESSED PANEL
- PROPOSED PRESTRESSED PANEL

Texas Department of Transportation

DALLAS DISTRICT
MOHAMED K. BUHL P.E. | DISTRICT ENGINEER

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS
CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-05-052
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

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SCHEMATIC RH (WITH 6 LANES) ..... 0.5 MILES
SCHEMATIC RI (WITH 6 L

Texas Department of Transportation

DALLAS DISTRICT
MOHAMED K. BUHL P.E.
DISTRICT ENGINEER

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR

CSJ 0135-15-002
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR

CSJ 0135-03-053
FROM SH5 TO FM 1827

SCHEMATIC PREPARED BY:	
SCHEMATIC PREPARED FOR:	
ENVIRONMENTAL ASSESSMENT PREPARED BY:	
ENVIRONMENTAL ASSESSMENT PREPARED FOR:	
SCHEMATIC & ENVIRONMENTAL REVIEW BY:	
SCHEMATIC & ENVIRONMENTAL REVIEW FOR:	

SCHEMATIC & ENVIRONMENTAL REVIEW			
SCHEMATIC & CONTROL FOR ROW			
ROW PLANS			
ROW CONTROL			
ROW CONTROL			
ROW CONTROL

Texas Department of Transportation

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

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-15-002
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

SCHEMATIC & CONTROL AS BUILT
SCHEMATIC & CONTROL AS BUILT

PROJECT	DESIGN SPEED	LENGTH
US 380 (WITH DIR)	45mph PREVAIL	4.0 MILES
US 380 (WITH DIR)	45mph PREVAIL	1.0 MILES
US 380 (WITH DIR)	45mph PREVAIL	1.0 MILES
WITHIN TOWN	45mph PREVAIL	1.0 MILES
WITHIN TOWN	45mph PREVAIL	1.0 MILES
WITHIN TOWN	45mph PREVAIL	1.0 MILES

PLANO
FRISCO
PROJECT LOCATION
380
121
289
75
LAKE LAVON
LAKE ALBERT
LAKE WYLIE
LAKE TEXOMA
LAKE RAY HUBBARD
LAKE GRAPEVINE
LAKE LEWISVILLE
LAKE RAY ROBERTS
LAKE DENTON
LAKE PALESTINE
LAKE TAWAKONI
LAKE FORK
LAKE HOUSTON
LAKE CONROE
LAKE TEXOMA
LAKE O' THE PINES
LAKE BRYAN
LAKE BRAZOS
LAKE WACO
LAKE MEREDITH
LAKE ALVA
LAKE ALAMPULASKA
LAKE ALAMPULASKA
LAKE ALAMPULASK

Texas Department of Transportation

DALLAS DISTRICT

MOHAMED K. BUHL P.E.,V. DISTRICT ENGINEER

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-15-002
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SH5 TO FM 1827

SUBMIT A CHANGE IN PRIORITY
SUBMIT A CHANGE IN ACCESS
SUBMIT A CHANGE IN LANES
SUBMIT A CHANGE IN RW WIDTH
SUBMIT A CHANGE IN RW BELOW

REVISION	REASON CODE
US 380 BETW.SH5	CHANGE PRIORITY
US 380 BETW.FM 1827	CHANGE PRIORITY
FM 1827	CHANGE PRIORITY
PRESTON RD	CHANGE PRIORITY
PARKER RD	CHANGE PRIORITY
WINTER STREET	CHANGE PRIORITY
WINTER STREET	CHANGE PRIORITY
WINTER STREET	CHANGE PRIORITY

US 380
FM 1827
PRESTON RD
PARKER RD
WINTER STREET
SH 5
FM 2551
FM 1378
FM 1461
FM 2478
FM 1827
FM 1138
FM 2933
FM 1377
FM 1193
FM 1192
FM 1777
FM 1827

Texas Department of Transportation

DALLAS DISTRICT

MOHAMED K. BUH, P.E.,I DISTRICT ENGINEER

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065

FROM COIT RD TO JCT US 380/UNIVERSITY DR

CSJ 0135-15-002

FROM EAST JCT US 380/UNIVERSITY DR TO WEST JCT US 380/UNIVERSITY DR

CSJ 0135-03-053

FROM SHS TO FM 1827

SCHEMATIC & CONTROL SLIP SHEET
SCHEMATIC & CONTROL SLIP SHEET

REVISION	DATE	REVISION	DATE
US 380 (WITH BUS)	JOSHUA PHILLIPS	00-00-00	XX
US 380 (NO BUS)	JOSHUA PHILLIPS	00-00-00	XX
BUS 75	JOSHUA PHILLIPS	00-00-00	XX
SPUR 399	JOSHUA PHILLIPS	00-00-00	XX
SPUR 399 (NO BUS)	JOSHUA PHILLIPS	00-00-00	XX
SPUR 399 (WITH BUS)	JOSHUA PHILLIPS	00-00-00	XX

PRELIMINARY

SCHEMATIC PREPARED BY:
BURNS & McDONNELL ENGINEERING CO., INC.
9400 NORTH CENTRAL EXPRESSWAY
DALLAS, TEXAS 75231
JOSHUA PHILLIPS, P.E.
LICENSED TO PRACTICE IN TEXAS
FIRM REGISTRATION NUMBER F-2485

BURNS & McDONNELL

LICENSE NUMBER
DALLAS, TEXAS

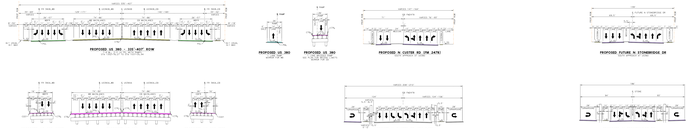
JULY 2022

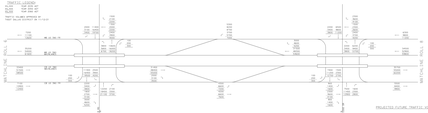
ROLL 7 OF 42

TYPICAL SECTIONS LEGEND

- PROPOSED LANE CONFIGURATION
- PROPOSED LANE NUMBER AND TYPE
- PROPOSED LANE WIDTH AND TYPE
- PROPOSED SHOULDER
- PROPOSED MEDIAN
- PROPOSED CURB
- PROPOSED PAVEMENT MARKING
- PROPOSED RAILROAD
- PROPOSED RIGHT OF WAY
- PROPOSED RIGHT OF WAY (NO CHANGE)

THE LEGEND SHOWS ONLY ITEMS THAT ARE ACTUALLY USED ON THIS PROJECT





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Texas Department of Transportation

DALLAS DISTRICT

MOHAMED K. BUH, P.E.,/ DISTRICT ENGINEER

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-05-052
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

SCHEMATIC PREPARED BY:
BURNS & McDONNELL ENGINEERING COMPANY, INC.
TBPE FIRM REGISTRATION # 2009
JOINT VENTURE PARTICIPATION: LYONS
TBPELS FIRM REGISTRATION # 10194

SCHEMATIC & CONTROL ALIGNMENT		SCHEMATIC & CONTROL ALIGN DETAILS	
SCHEMATIC & CONTROL ALIGN DETAILS		SCHEMATIC & CONTROL ALIGN DETAILS	
SCHEMATIC & CONTROL ALIGN DETAILS		SCHEMATIC & CONTROL ALIGN DETAILS	
SCHEMATIC & CONTROL ALIGN DETAILS		SCHEMATIC & CONTROL ALIGN DETAILS	
SCHEMATIC & CONTROL ALIGN DETAILS		SCHEMATIC & CONTROL ALIGN DETAILS	

PROJECT		REVISION DATE	DATE
US 380 (WITH SH5)	JOINT TRENCH	00 APR	22
US 380 (WITH SH5)	GRADE SEPARATION

Texas Department of Transportation

DALLAS DISTRICT

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

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-05-052
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SH5 TO FM 1827

SCHEMATIC & CONTROL SCALE 1" = 40' (H & V)
SCHEMATIC & CONTROL SCALE 1" = 40' (H & V)
SCHEMATIC & CONTROL SCALE 1" = 40' (H & V)

US 380 (WITH BIKE)	(FROM FM1827)	40 MPH	4D
US 380	(FROM FM1827)	40 MPH	4D
US 380	(FROM SH5)	40 MPH	4D
US 380	(FROM SH5)	40 MPH	4D
SPUR 399	(FROM FM1827)	40 MPH	4D
SPUR 399	(FROM FM1827)	40 MPH	4D
SPUR 399	(FROM FM1827)	40 MPH	4D
SPUR 399	(FROM FM1827)	40 MPH	4D

LAKE LAVON
LAKE LAVON
LAKE LAVON

Texas Department of Transportation

DALLAS DISTRICT

MOHAMED K. BUN, P.E.,I. DISTRICT ENGINEER

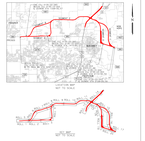
60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-15-002
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

SUBMIT & CONFIRM ALL ELEVATIONS
SUBMIT & CONFIRM ALL BLOCK

SUBMIT & CONFIRM ALL ELEVATIONS
SUBMIT & CONFIRM ALL BLOCK

REVISION	DATE	REVISION	DATE
US 380 BETW.RR(S)	(FROM PREVIOUS)	00 JAN 01	00
FM 1827	(FROM PREVIOUS)	00 JAN 01	00
PROJECT NAME	(FROM PREVIOUS)	00 JAN 01	00
SHEET TITLE	(FROM PREVIOUS)	00 JAN 01	00
SHEET NUMBER	(FROM PREVIOUS)	00 JAN 01	00
SCALE FACTOR	(FROM PREVIOUS)	00 JAN 01	00
SCALE FACTOR	(FROM PREVIOUS)	00 JAN 01	00



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PRELIMINARY

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BURNS & McDONNELL

JULY 2022

ROLL 10 OF 42

TYPICAL SECTIONS LEGEND

- PROPOSED PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB RAMP
- PROPOSED SIDEWALK
- PROPOSED RIPRAP
- PROPOSED PRESTRESSED PANEL
- PROPOSED PRESTRESSED PANEL
- PROPOSED PRESTRESSED PANEL

Texas Department of Transportation

DALLAS DISTRICT

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

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-045
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-15-002
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

SCHEMATIC PREPARED BY:
BURNS & McDONNELL ENGINEERING CO., INC.
10777 WESTMOUTH, SUITE 100
HOUSTON, TEXAS 77043
TBPE FIRM REGISTRATION # F-2009
TBPLS FIRM REGISTRATION # 10194074

PRELIMINARY

THIS DOCUMENT IS RELEASED FOR REVIEW PURPOSES UNDER THE AUTHORITY OF MOHAMED K. BUN, P.E. ON 07/29/2022. IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

JULY 2022

BURNS & McDONNELL

ROLL 11 OF 42

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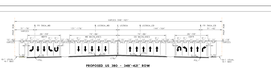
TYPICAL SECTIONS LEGEND

- EXISTING LOW CONCRETE BY TRAFFIC
- EXISTING LOW CONCRETE BY TRAFFIC
- EXISTING CONCRETE BARRIER
- EXISTING GUARDRAIL
- EXISTING BRIDGE RAIL
- EXISTING BRIDGE DECK
- EXISTING BRIDGE BEAM
- EXISTING BRIDGE BENT
- EXISTING BRIDGE COLUMN
- EXISTING BRIDGE FOOTING
- EXISTING BRIDGE PILE
- EXISTING BRIDGE SLOPE PAVING
- EXISTING BRIDGE SLOPE PAVING (WITH CUT IN CORNER)

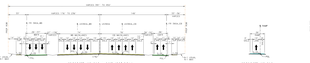
NOTE: THE CURRENT DESIGN REPRESENTS THE FUTURE CONDITIONS.



PROPOSED US 380 - 340'-62' ROW

EXISTING CR 131/144

EXISTING CR 144 (FUTURE HARDIN BLVD)



PROPOSED US 380 - 291'-62' ROW

PROPOSED US 380

PROPOSED BLOOMDALE RD EAST

PROPOSED FUTURE N HARDIN BLVD

PROPOSED FUTURE COMMUNITY AVE

PROPOSED US 380 - 90'-114' ROW

PROPOSED US 380

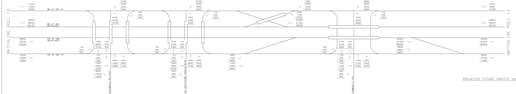
PROPOSED BLOOMDALE RD EAST

PROPOSED CR 144 (FUTURE HARDIN BLVD)

PROPOSED COMMUNITY AVE

TRAFFIC LEGEND

- 2022 AADT
- 2040 AADT
- PEAK HOUR
- PEAK HOUR DIR



PROJECTED FUTURE TRAFFIC VOLUME DIAGRAM

STATION	OFFSET	ELEVATION
1	0.00	0.00
2	0.00	0.00
3	0.00	0.00
4	0.00	0.00
5	0.00	0.00

Texas Department of Transportation

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

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-05-002
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

SUBMIT & CHECK SCHEMATIC
SUBMIT & CHECK ROW MAPS
SUBMIT & CONFIRM ROW MAPS

SUBMIT & CHECK ENVIRONMENTAL
SUBMIT & CONFIRM ENVIRONMENTAL

US 380 (WITH HOV)	(FROM TPP/MPO)	80 MPH	4D
US 380	(FROM TPP/MPO)	60 MPH	4D
SPUR 399	(FROM TPP/MPO)	45 MPH	4D
SPUR 399	(FROM TPP/MPO)	45 MPH	6D
SPUR 399	(FROM TPP/MPO)	45 MPH	6D
SPUR 399	(FROM TPP/MPO)	45 MPH	4D
SPUR 399	(FROM TPP/MPO)	45 MPH	4D

PRELIMINARY

SCHEMATIC PREPARED BY:
BURNS & McDONNELL ENGINEERING CO., INC.
9400 NORTH CENTRAL EXPRESSWAY
DALLAS, TEXAS 75231
(214) 696-8100
TBPE FIRM REGISTRATION # 2009
TBPLS FIRM REGISTRATION # 10183800

JULY 2022

BURNS & McDONNELL

LICENSED TO PRACTICE IN:
TEXAS, OKLAHOMA, KANSAS, MISSOURI, ARKANSAS, NEBRASKA, COLORADO, WYOMING, MONTANA, NORTH DAKOTA, SOUTH DAKOTA, NEW MEXICO, ARIZONA, NEVADA, UTAH, IDAHO, OREGON, WASHINGTON, CALIFORNIA, ALASKA, HAWAII, MINNESOTA, IOWA, ILLINOIS, INDIANA, OHIO, KENTUCKY, TENNESSEE, MISSISSIPPI, ALABAMA, GEORGIA, FLORIDA, SOUTH CAROLINA, NORTH CAROLINA, VIRGINIA, WEST VIRGINIA, PENNSYLVANIA, NEW YORK, VERMONT, NEW HAMPSHIRE, MAINE, MASSACHUSETTS, CONNECTICUT, NEW JERSEY, DELAWARE, MARYLAND, DISTRICT OF COLUMBIA, PUERTO RICO, VIRGIN ISLANDS, GUAM, AND THE COMMONWEALTH OF NORTHERN MARIANA ISLANDS

ROLL 12 OF 42

TYPICAL SECTIONS LEGEND
PROPOSED 4-LANE DIVIDED
PROPOSED 6-LANE DIVIDED
PROPOSED 8-LANE DIVIDED
PROPOSED 10-LANE DIVIDED
PROPOSED RAMP
PROPOSED FRONTAGE ROAD
PROPOSED CONCRETE PAVEMENT
PROPOSED ASPHALT PAVEMENT
PROPOSED CONCRETE PAVEMENT
PROPOSED ASPHALT PAVEMENT
PROPOSED ROW
EXISTING ROW
EXISTING PAVEMENT
EXISTING CONCRETE PAVEMENT
EXISTING ASPHALT PAVEMENT
EXISTING CONCRETE PAVEMENT
EXISTING ASPHALT PAVEMENT
EXISTING ROW
EXISTING

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60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-05-052
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

SUMMIT A (WEST) 6.0 MILES
SUMMIT B (EAST) 6.0 MILES
SUMMIT C (WEST) 5.50 MILES
SUMMIT D (EAST) 5.50 MILES

PROJECT	DESIGN SPEED	AREA
US 380 (WITH BRT)	URBAN PREMIUM	40 MPH
US 380 (NO BRT)	URBAN PREMIUM	40 MPH
FRANKLIN ST	URBAN PREMIUM	40 MPH
MCKINNEY ST	URBAN PREMIUM	40 MPH
WEST FRONTAGE	URBAN PREMIUM	40 MPH
EAST FRONTAGE	URBAN PREMIUM	40 MPH
SERVICE ROAD	URBAN COLLECTOR	30 MPH

PRELIMINARY

SUBMITTED FOR PRELIMINARY REVIEW
THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES
JOSHUA RYAN PORTSMOUTH, 117008
PROFESSIONAL ENGINEER
JULY 2022

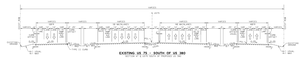
BURNS McDONNELL
10555 HWY 75 NORTH
DENTON, TX 76201

ROLL 13 OF 42

TYPICAL SECTIONS LEGEND

- PROPOSED PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED CURB RAMPS AT TRUNK
- PROPOSED SIDEWALK
- PROPOSED RIPRAP
- PROPOSED PAVEMENT MARKING
- PROPOSED MEDIAN
- PROPOSED PAVEMENT MARKING
- PROPOSED MEDIAN TRAFFIC SIGNAL POLE
- PROPOSED MEDIAN TRAFFIC SIGNAL POLE (WITH PEDESTRIAN SIGNAL)

* FOR CURRENT TRAFFIC SIGNAL POLE LOCATIONS, REFER TO TRAFFIC SIGNAL SCHEMATIC


VARIES
VARIES
6.0%
6.0%
VARIES
VARIES
VARIES

Texas Department of Transportation

DALLAS DISTRICT

MOHAMED K. BUHL P.E.,DISTRICT ENGINEER

60% DESIGN SCHEMATIC
US 380
COLLIN COUNTY, TEXAS

CSJ 0135-02-065
FROM COIT RD TO JCT US 380/UNIVERSITY DR
CSJ 0135-03-052
FROM EAST JCT US 380/UNIVERSITY DR
TO WEST JCT US 380/UNIVERSITY DR
CSJ 0135-03-053
FROM SHS TO FM 1827

SCHEMATIC & CONTROL SCALE 1:20 SCHEMATIC & CONTROL SCALE 1:20
SCHEMATIC & CONTROL SCALE 1:40 SCHEMATIC & CONTROL SCALE 1:40

PROJECT					
US 380 (WITH-SHS)	LEGEND PROJECT	WP-WITH	2A		
US 380 (NO-SHS)	LEGEND PROJECT	WP-NO	2B		
FM 1827	LEGEND PROJECT	FM-WITH	3A		
FM 1827	LEGEND PROJECT	FM-NO	3B		
COLLIN COUNTY	LEGEND PROJECT	CC-WITH	4A		
COLLIN COUNTY	LEGEND PROJECT	CC-NO	4B		
DENTON COUNTY	LEGEND PROJECT	DC-WITH	5A		
DENTON COUNTY	LEGEND PROJECT	DC-NO	5B		

SCHEMATIC PROJECT NO.
CSJ 0135-02-065
CSJ 0135-03-052
CSJ 0135-03-053
US 380 FROM COIT RD TO FM 1827
COLLIN COUNTY, TEXAS

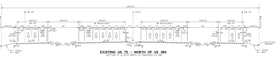
CONTROL NO.
CSJ 0135-02-065
CSJ 0135-03-052
CSJ 0135-03-053
US 380 FROM COIT RD TO FM 1827
COLLIN COUNTY, TEXAS

ROLL 14 OF 42

TYPICAL SECTIONS LEGEND

- PROPOSED PAVEMENT
- PROPOSED CURB AND GUTTER
- PROPOSED SIDE SLOPE
- PROPOSED RIGHT OF WAY
- EXISTING PAVEMENT
- EXISTING CURB AND GUTTER
- EXISTING SIDE SLOPE
- EXISTING RIGHT OF WAY
- PROPOSED PAVEMENT MARKING
- PROPOSED PAVEMENT MARKING (WHITE)
- PROPOSED PAVEMENT MARKING (YELLOW)
- PROPOSED PAVEMENT MARKING (BLUE)

* FOR CURRENT TRAFFIC REPORT SEE TRAFFIC DIVISION (TRAFFIC ANALYSIS DIVISION)



PROJECT NAME	CONTROL NO.	CONTROL	SECTION	SUBSECTION	SECTION NAME	SUBSECTION NAME	SECTION LENGTH	SUBSECTION LENGTH
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	COIT RD TO US 75		1.000	1.000
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	US 75 TO SHS		1.000	1.000
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	SHS TO FM 1827		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	COIT RD TO US 75		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	US 75 TO SHS		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	US 380 TO SHS		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	FM 1827 TO US 380		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	US 380 TO SHS		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	FM 1827 TO US 380		1.000	1.000

PROJECT NAME	CONTROL NO.	CONTROL	SECTION	SUBSECTION	SECTION NAME	SUBSECTION NAME	SECTION LENGTH	SUBSECTION LENGTH
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	COIT RD TO US 75		1.000	1.000
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	US 75 TO SHS		1.000	1.000
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	SHS TO FM 1827		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	COIT RD TO US 75		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	US 75 TO SHS		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	US 380 TO SHS		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	FM 1827 TO US 380		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	US 380 TO SHS		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	FM 1827 TO US 380		1.000	1.000

PROJECT NAME	CONTROL NO.
US 380 (WITH-SHS)	CSJ 0135-02-065
US 380 (NO-SHS)	CSJ 0135-02-065
FM 1827	CSJ 0135-03-053

PROJECT NAME	CONTROL NO.	CONTROL	SECTION	SUBSECTION	SECTION NAME	SUBSECTION NAME	SECTION LENGTH	SUBSECTION LENGTH
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	COIT RD TO US 75		1.000	1.000
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	US 75 TO SHS		1.000	1.000
US 380 (WITH-SHS)	CSJ 0135-02-065	02	065	000	SHS TO FM 1827		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	COIT RD TO US 75		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	US 75 TO SHS		1.000	1.000
US 380 (NO-SHS)	CSJ 0135-02-065	02	065	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	US 380 TO SHS		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	FM 1827 TO US 380		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	US 380 TO SHS		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	SHS TO FM 1827		1.000	1.000
FM 1827	CSJ 0135-03-053	03	053	000	FM 1827 TO US 380		1.000	1.000

PROJECT NAME	CONTROL NO.
US 380 (WITH-SHS)	CSJ 0135-02-065
US 380 (NO-SHS)	CSJ 0135-02-065
FM 1827	CSJ 0135-03-053