Texas Department of Transportation
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DALLAS DISTRICT
CEASON G GUMENUS, P.E., DISTRICT ENGINEER

DESIGN SCHEMATIC
FM 6
COLLIN COUNTY

CSJ: 0918-01-027
FROM: SH 78
TO: HUNT COUNTY LINE
NET LENGTH OF PROJECT = 7.88 MI
ROADWAY = 7.63 MI
BRIDGE = 0.05 MI

DESIGN CRITERIA:

FUNCTIONAL CLASSIFICATION:	URBAN MAJOR COLLECTOR
DESIGN SPEED:	45 MPH
SIGNAL SPACED:	AT LEAST ~ URBAN STREET
DESIGN SPEED (CROSS ST):	VARIES 30 MPH TO 55 MPH

ADT (2020) = 12,100
ADT (2040) = 16,000
ADT (2045) = 18,000

LOCATION MAP

N.T.S.

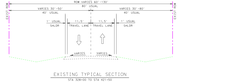
60% DRAFT

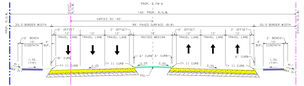
SCHEMATIC PREPARED BY:
KCI TECHNOLOGIES
TBPE REGISTRATION NO. F-10670
PRELIMINARY DESIGN AND ENGINEERING ANALYSIS
FOR PRELIMINARY REVIEW AND DISCUSSION PURPOSE
Prepared for and under the Direct Supervision of:
TIMOTHY J. BARRETT, P.E.
LICENSED
STATE OF TEXAS
No. 124011
DATE:

ROLL 4 OF 4

GEOMETRIC SCHEMATIC - FM 6
COLLIN COUNTY

COUNTY: COLLIN
DATE: OCTOBER 2022





ROLL INDEX:

ROLL 1: FM 6 BAR-BARO
STA. 0+00.00 TO STA. 110+00

ROLL 2: FM 6 BAR-BARO
STA. 110+00 TO STA. 220+00

ROLL 3: FM 6 BAR-BARO
STA. 220+00 TO STA. 329+00

ROLL 4: FM 6 BAR-BARO
STA. 329+00 TO STA. 423+00.00

HORIZONTAL SCALE
1" = 50'
0' 25' 50' 100'

VERTICAL SCALE
1" = 10'
0' 5' 10' 20'

ROLL 4 OF 4

KCI TECHNOLOGIES
Consulting Engineers | Operations Consultants | Research
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Houston, Texas 77077
Phone: 281.496.0700
TBPE Registration No. F-10670

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PLAN LEGEND:

- PROPOSED ⓘ
- PROPOSED R.O.W.
- PROPOSED ⓘ
- PROPOSED PEDESTRIAN RAIL
- REGULATORY FLASHER
- GAS LINE ⓘ "G"
- GAS VALVE ⓘ "G"
- PARCEL LINE
- PROPERTY LINE
- PROPOSED DRAINAGE
- EXISTING DRAINAGE
- EXISTING DIRECTIONAL OF TRAVEL
- EXISTING DIRECTIONAL OF TRAVEL
- PROPOSED BRIDGE
- PROPOSED BRIDGE
- PROPOSED DRAINAGE
- PROPOSED SIDEWALK
- CONCRETE
- DEPLACEMENT
- PROPOSED PAVEMENT
- SIDEWALK REMOVAL
- CURVE ⓘ
- PARCEL ⓘ

PLAN LEGEND:

- COMMUNICATIONS ⓘ "B"
- COMMUNICATIONS ⓘ "C/G/ T/U"
- FIBER OPTIC ⓘ "B"
- POWER LINE ⓘ "B"
- GAS LINE ⓘ "B"
- SANITARY SEWER LINE ⓘ "B"
- SANITARY SEWER LINE ⓘ "C/G/ T/U"
- STORM SEWER LINE ⓘ "B"
- STORM SEWER LINE ⓘ "C/G/ T/U"
- POTABLE WATER LINE ⓘ "B"
- POTABLE WATER LINE ⓘ "C/G/ T/U"
- TRAFFIC SIGNAL LINE ⓘ "B"
- TRAFFIC SIGNAL LINE ⓘ "C/G/ T/U"
- FLOW LINE
- PAVEMENT ELEVATION
- SUBGRADE

GENERAL NOTES:

1. EXISTING PICTURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON DIGITAL SURVEYS DATED 03-01-2020 AND RECTIFICATION.
2. FINAL LOCATION OF DRIVEWAY ARE TO BE DETERMINED IN THE FINAL DESIGN PHASE AND MUST BE APPROVED BY THE ENGINEER. DRIVEWAYS.
3. SUPPRESS LETTERS ALONG THE PICTURES ALONG THE FM6.
4. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR MARKING, FACE OF CURB, FINAL SURFACE OR WALL UNLESS NOTED OTHERWISE.
5. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS AND ARE SHOWN FOR INFORMATIONAL PURPOSES.
6. DRAINAGE INFORMATION SHOWN ON SCHEMATIC DETAILED FROM COLLIN COUNTY APPRAISAL DISTRICT. (LATEST DATA AVAILABLE AS OF SEPTEMBER 2022)
7. EXISTING CLUMP LOCATIONS, AREA, AND ELEVATIONS DETAILED FROM PRELIMINARY DOCUMENTS AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
8. ADA RAMPS AND SIDEWALKS ARE SCHEMATICALLY ADJ. AND WILL BE DESIGNED DURING PHASE. SIDEWALKS ARE SHOWN ON TYPICAL SECTIONS.
9. CONSTRUCTION WILL BE PHASED TO MAINTAIN TRAFFIC FLOW. ALL PHASES WILL BE COORDINATED WITH THE LOCAL ALTERNATE ROUTE DESIGNATION (L.A.) SAFETY EDGE AND/OR BLUE/OUTER WITH ACCESS CONTROL LIMITS.
10. PRIMARY BUILDING AREAS ARE NOT IN EXISTENCE, BARN AVAILABILITY AT THE TIME OF THE PROJECT. ALL BUILDINGS WILL BE DETERMINED AT THE TIME.
11. CONVENIENCE, WINDOW, DRIVEWAY, SIGNAL, BRIDGE, AND NET SIGNAL AND WILL BE DEVELOPED DURING THE FINAL PHASE OF THE PROJECT.
12. EXISTING PAVEMENT BRIDGES LOCATED WITHIN LIMITS OF PROPOSED PAVEMENT WILL BE REMOVED AND REPLACED WITH PAVEMENT STORMWATER.
13. TYPICAL SECTIONS SHOWN ARE REPRESENTATIVE OF PROPOSED PAVEMENT, AND SHALL BE FOR STORM STRETCH UNLESS NOTED OTHERWISE.
14. CURBS ARE TYPE B UNLESS NOTED OTHERWISE.

CURVE DATA TABLE:

CURVE ⓘ	
CURVE ⓘ	
PI = STA. 0+00.00	
D = 0°00'00"	
T = 0.00'	
L = 0.00'	
R = 0.00'	
PC = STA. 0+00.00	
PT = STA. 0+00.00	

CURVE ⓘ	