TEXAS DEPARTMENT OF TRANSPORTATION

PRELIMINARY SCHEMATIC LAYOUT
FM 1423 - HIDALGO COUNTY, TEXAS
OFFICE OF THE DISTRICT ENGINEER
PHARR, TEXAS

C.S.J.: 1427-01-032, 1427-01-033 & 1427-01-037
LIMITS: SH 107 TO BUSINESS 83 + LENGTH & WIDTH

VICINITY MAP
NOT TO SCALE

FUNCTIONAL CLASSIFICATIONS:
FM 1423 - URBAN MAJOR COLLECTOR

DESIGN SPEED:
FM 1423:
SH 107 TO MINNESOTA RD. - 60 MPH
MINNESOTA RD TO BUSINESS 83 - 55 MPH

DESIGN CRITERIA:
PROPOSED DESIGN STANDARDS FOR ROADWAYS: TxDOT ROW JULY 2020 Ch. 2 & 3 SECT. 2
PROPOSED DESIGN STANDARDS FOR TRAFFIC: TxMUTCD REV. 2, OCTOBER 2021
PROPOSED DESIGN STANDARDS FOR DRAINAGE: TxDOT HYDRAULIC DESIGN MANUAL 2019

TRAFFIC DATA:

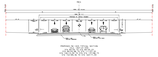
ESAL	1427-01-032 SH 107 TO W. ROOSEVELT ROAD	
	(2019) -	14,300
	(2049) -	24,200
ESAL	1427-01-033 W. ROOSEVELT ROAD TO MINNESOTA ROAD	
ADT	(2019) -	24,200
	(2049) -	41,000
ESAL	1427-01-037 MINNESOTA ROAD TO I-69 E	
ADT	(2019) -	24,200
	(2049) -	41,000
ESAL	1427-01-033 I-69 E TO BUSINESS 83	
ADT	(2019) -	12,200
	(2049) -	20,600
	(2019) -	18,400

60% SUBMITTAL
SOLL 2 OF 6

PRELIMINARY
THESE DOCUMENTS ARE NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES. THEY ARE PRELIMINARY IN NATURE AND ARE INCOMPLETE. THEY WERE PREPARED BY MR. DANIEL FULLER, P.E. ON 2022.

EXISTING TYPICAL SECTIONS - (FM 1423)

PROPOSED TYPICAL SECTIONS - (FM 1423)



PLAN LEGEND

- EXISTING R.O.W.
- PROPOSED R.O.W.
- EXISTING R.R.
- PROPOSED CENTERLINE
- PROPOSED CENTERLINE ROADWAY
- PROPOSED CENTERLINE BRIDGE
- PROPOSED CENTERLINE CULVERT
- PROPOSED BRIDGE CONSTR.
- PROPOSED CULVERT CONSTR.
- PROPOSED RETAINING WALL CONSTR.
- PROPOSED SOUND BARRIER CONSTR.
- PROPOSED SIGNAL CONSTR.
- PROPOSED SIDEWALK CONSTR.
- PROPOSED CURB RAMP CONSTR.
- PROPOSED SIGN CONSTR.
- PROPOSED PAVEMENT MARKING CONSTR.
- PROPOSED GUARDRAIL CONSTR.
- PROPOSED ILLUMINATION CONSTR.
- PROPOSED TRAFFIC SIGNAL CONSTR.
- PROPOSED DRAINAGE CONSTR.
- PROPOSED FENCE CONSTR.
- PROPOSED LANDSCAPING CONSTR.
- PROPOSED TEMPORARY CONSTR.
- PROPOSED SURFACE CONSTR.
- PROPOSED STRUCTURE CONSTR.
- PROPOSED SIGNAL CONSTR.

UTILITY LEGEND

ELECTRIC
- ABOVE GROUND
- UNDERGROUND

GAS
- GAS

COMMUNICATIONS
- FIBER OPTIC SYSTEM
- FIBER OPTIC
- CABLE TV
- CABLE TV SYSTEM
- TELEPHONE
- TELEPHONE SYSTEM
- TRAFFIC SIGNAL SYSTEM
- TRAFFIC SIGNAL

WATER, SANITARY SEWER
- WATER
- SANITARY SEWER

STORM SEWER
- STORM SEWER

GENERAL NOTES:
1. ALL PROPOSED IMPROVEMENTS ARE BASED ON THE 2014 STATE AND FEDERAL SYSTEM. ALL DESIGNS, DETAILS & SPECIFICATIONS SHALL CONFORM TO THE LATEST TXDOT STANDARDS.
2. PUBLIC UTILITY FACILITIES ARE APPROXIMATE LOCATIONS ONLY.
3. CONTACT ALL UTILITY COMPANIES FOR EXACT LOCATIONS PRIOR TO CONSTRUCTION.
4. ALL PROPOSED CONSTRUCTION TO BE IN ACCORDANCE WITH TXDOT SPECIFICATIONS.
5. ALL DISTURBED AREAS TO BE RESTORED TO ITS ORIGINAL CONDITION.
6. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH UTILITIES.

CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION