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Texas Department of Transportation

BEAUMONT DISTRICT
DESIGN SCHEMATIC
MARTIN GONZALEZ, P.E., DISTRICT ENGINEER
HARDIN COUNTY

SH 105

PROJECT LIMITS FROM SH 326 TO PINE ISLAND BAYOU
CSJ: 0339-04-036
NET LENGTH OF ROAD = 0.188 MI
NET LENGTH OF BRIDGE = 0.100 MI
NET LENGTH OF PROJECT= 0.336 MI
FOR THE CONSTRUCTION OF: A WIDEN NON-FREEWAY PROJECT CONSISTING OF
ADDING TWO 12' LANES TO EXISTING

FUNCTIONAL CLASSIFICATION	LIMITS (MILES)
URBAN PRINCIPAL ARTERIAL	0.0-2.5 TO 3.5-4.0
	0.0-2.5 TO 3.5-4.0
RURAL PRINCIPAL ARTERIAL	0.0-2.5 TO 3.5-4.0
	0.0-2.5 TO 3.5-4.0
PROJECTED AVERAGE	0.0-2.5 TO 3.5-4.0
DAILY TRAFFIC	17,000 - 22000
DESIGN SPEED	55 MPH
SH 105 URBAN	45 MPH
SH 105 RURAL	55 MPH
CROSS RAMPS	30 MPH

PROJECT LOCATION MAP
N.T.S.

SEPTEMBER 2024

HORIZ DATUM: NAD83
0 50 100 200
Feet
Meters

ROLL 4 OF 4

PROPOSED DESIGN STANDARDS (ROADWAY): TxDOT ROW
PROPOSED DESIGN STANDARDS (TRAFFIC): TEXAS MUTCD

PRELIMINARY SUBJECT TO CHANGE

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Lynn T. Barnes & Associates, Inc.
1210 Nola Lane Rd.
Kountze, Texas 77625
TBPE Registration No. F-1760

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ADDING TWO 12' LANES TO EXISTING
FUNCTIONAL CLASSIFICATION | LIMITS (MILES)
URBAN PRINCIPAL ARTERIAL | 0.0-2.5 TO 3.5-4.0
0.0-2.5 TO 3.5-4.0
RURAL PRINCIPAL ARTERIAL | 0.0-2.5 TO 3.5-4.0
0.0-2.5 TO 3.5-4.0
PROJECTED AVERAGE DAILY TRAFFIC | 0.0-2.5 TO 3.5-4.0 17,000 - 22000
DESIGN SPEED
SH 105 URBAN | 45 MPH
SH 105 RURAL | 55 MPH
CROSS RAMPS | 30 MPH
PROJECT LOCATION MAP
N.T.S.
SEPTEMBER 2024
HORIZ DATUM: NAD83
0 50 100 200
Feet
Meters
ROLL 4 OF 4
PROPOSED DESIGN STANDARDS (ROADWAY): TxDOT ROW
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