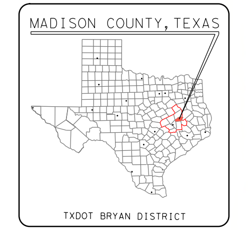
TEXAS DEPARTMENT OF TRANSPORTATION®
BRYAN DISTRICT
LANCE W. SIMMONS, P.E., DISTRICT ENGINEER

SH 21 WEST MADISON COUNTY WIDENING

SH 21 FROM NAVASOTA RIVER TO MADISONVILLE
MADISON COUNTY, TEXAS
CSJs: 0117-03-024, 0117-10-001, 0117-04-031

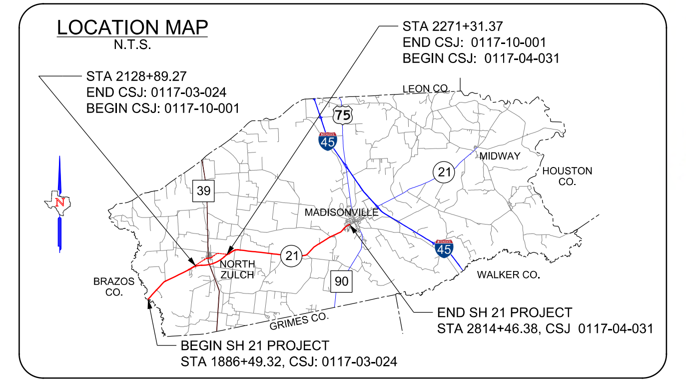
ROLL 3 OF 6

PROJECT LENGTH:	17.50 MILES
FUNCTIONAL CLASSIFICATION:	RURAL HIGHWAY
AVERAGE DAILY TRAFFIC:	9,500 (2020)
	12,900 (2040)
DESIGN SPEED	
SH 21 MAIN LANES:	70 MPH
SH 21 LOOP RAMPS:	25 MPH
BUSINESS SH 21	50 MPH
FM 39:	60 MPH
FM 2865, FM 1372, FM 1452:	40 MPH
CROSS ROADS:	30 MPH



TEXAS COUNTY MAP
N.T.S.

LOCATION MAP
N.T.S.



NOT A BIDDING DOCUMENT

DISCLAIMER
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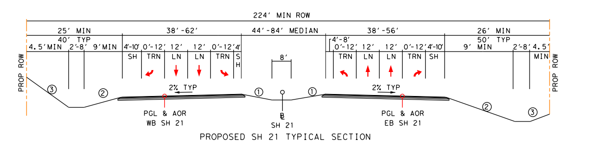
HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081-2275
TEL (214) 346-6200
FAX (214) 739-0095

0 100 200 300 400
HORIZONTAL SCALE

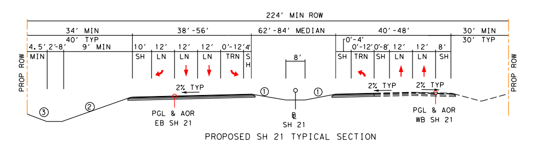
LEGEND

EXISTING ROW	PROPOSED CULVERT
PROPOSED SH 21 BASELINE	PROPERTY LINE
PROPOSED CROSS STREET BASELINE	100 YR FLOODPLAIN LIMITS
PROPOSED ROW	DIRECTION OF TRAFFIC
PROPOSED ACCESS DENIAL	PROPOSED BRIDGE
PROPOSED EDGE OF PAVEMENT	PROPOSED PAVEMENT
PROPOSED BRIDGE ABUTMENT	POTENTIAL DISPLACEMENTS
PROPOSED BRIDGE BENT	PAVEMENT REMOVAL
PROPOSED BRIDGE RAIL	CURVE DATA
PROPOSED RETAINING WALL	PARCEL NUMBER

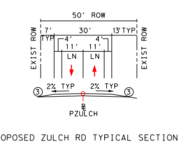
NOTES:
① 8:1 DESIRABLE, 6:1 MAX
② 6:1 DESIRABLE, 4:1 MAX
③ 4:1 DESIRABLE, 3:1 MAX



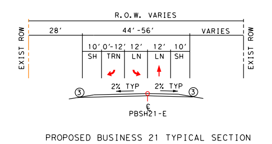
PROPOSED SH 21 TYPICAL SECTION
STA 2191+00 TO STA 2335+59



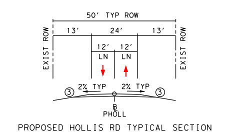
PROPOSED SH 21 TYPICAL SECTION
STA 2335+59 TO STA 2344+00



PROPOSED ZULCH RD TYPICAL SECTION
STA 13+02 TO STA 18+75

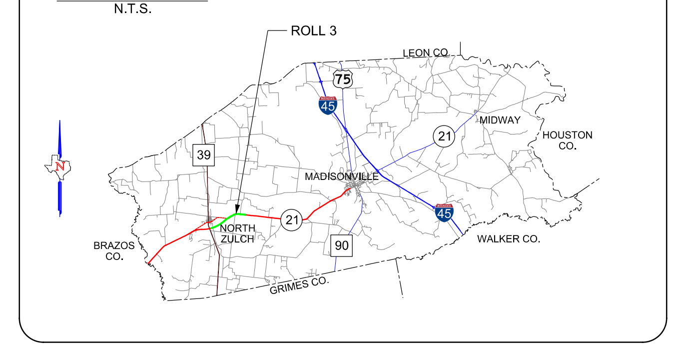


PROPOSED BUSINESS 21 TYPICAL SECTION
STA 10+00 TO STA 16+06



PROPOSED HOLLIS RD TYPICAL SECTION
STA 10+00 TO STA 13+45

LOCATION MAP
N.T.S.



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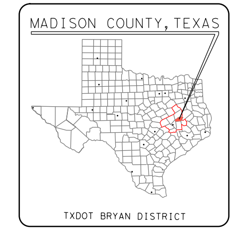

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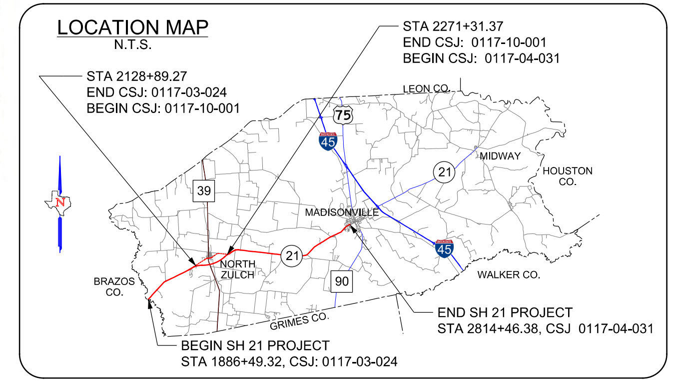

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