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 1 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
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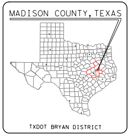
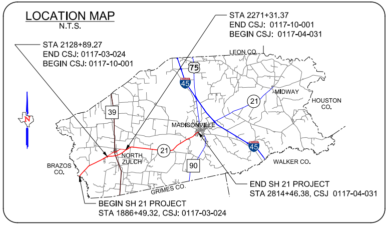
BUSINESS SH 21	50 MPH
FM 39:	60 MPH
FM 2865, FM 1372, FM 1452:	40 MPH
CROSS ROADS:	30 MPH


MADISON COUNTY, TEXAS
TXDOT BRYAN DISTRICT

TEXAS COUNTY MAP
N.T.S.

LOCATION MAP
N.T.S.


STA 2271+31.37
END CSJ: 0117-10-001
BEGIN CSJ: 0117-04-031
STA 2128+89.27
END CSJ: 0117-03-024
BEGIN CSJ: 0117-10-001
N
LEON CO.
75
45
MIDWAY
21
HOUSTON CO.
39
MADISONVILLE
45
NORTH ZULCH
21
BRAZOS CO.
90
WALKER CO.
GRIMES CO.
END SH 21 PROJECT
STA 2814+46.38, CSJ 0117-04-031
BEGIN SH 21 PROJECT
STA 1886+49.32, CSJ: 0117-03-024

NOT A BIDDING DOCUMENT

DISCLAIMER

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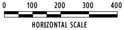
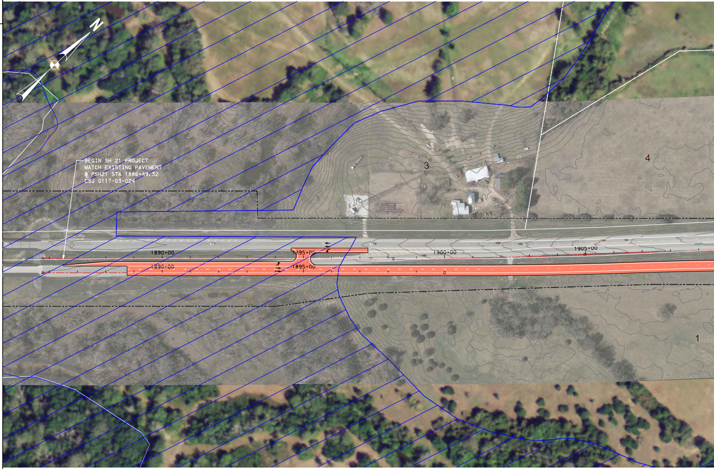
FAX (214) 739-0095


0
100
200
300
400

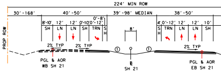
HORIZONTAL SCALE


N
BEGIN SH 21 PROJECT
MATCH EXISTING PAVEMENT
℄ PSH21 STA 1886+49.32
CSJ 0117-03-024
3
4
1890+00
1890+00
1895+00
1895+00
1900+00
1905+00
1

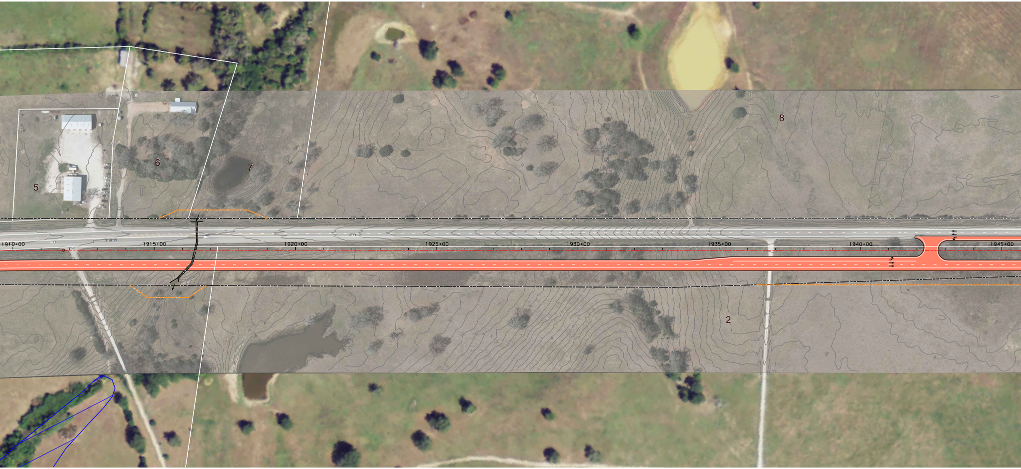
LEGEND

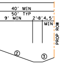
— - - —	EXISTING ROW	—	PROPOSED CULVERT
— - —	PROPOSED SH 21 BASELINE	—	PROPERTY LINE
— - —	PROPOSED CROSS STREET BASELINE	▨	100 YR FLOODPLAIN LIMITS
- - -	PROPOSED ROW	⇨	DIRECTION OF TRAFFIC
⦀	PROPOSED ACCESS DENIAL	■	PROPOSED BRIDGE
—	PROPOSED EDGE OF PAVEMENT	■	PROPOSED PAVEMENT
—	PROPOSED BRIDGE ABUTMENT	□	POTENTIAL DISPLACEMENTS
······	PROPOSED BRIDGE BENT	☒	PAVEMENT REMOVAL
—	PROPOSED BRIDGE RAIL	(XXXXXX)	CURVE DATA
—	PROPOSED RETAINING WALL	XXX	PARCEL NUMBER

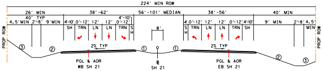
NOTES:
① 8:1 DESIRABLE
6:1 MAX
② 6:1 DESIRABLE
4:1 MAX
③ 4:1 DESIRABLE
3:1 MAX


224' MIN ROW
30'-168'
40'-50'
39'-98' MEDIAN
38'-50'
0'-8'
8'-10'
12'
12'
0'-10'
0'-12'
SH
LN
LN
SH
TRN
SH
8'
4'
0'-12'
12'
12'
10'
SH
TRN
LN
LN
SH
PROP ROW
2% TYP
2% TYP
①
①
2% TYP
PGL & AOR
WB SH 21
℄
SH 21
PGL & AOR
EB SH 21

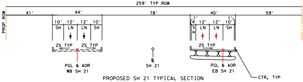
PROPOSED SH 21 TYPICAL SECTION
STA 1888+00 TO STA 1969+10
STA 2005+11 TO STA 2031+99
STA 2035+30 TO STA 2039+00


1910+00
1915+00
1920+00
1925+00
1930+00
1935+00
1940+00
1945+00
5
6
7
8
2

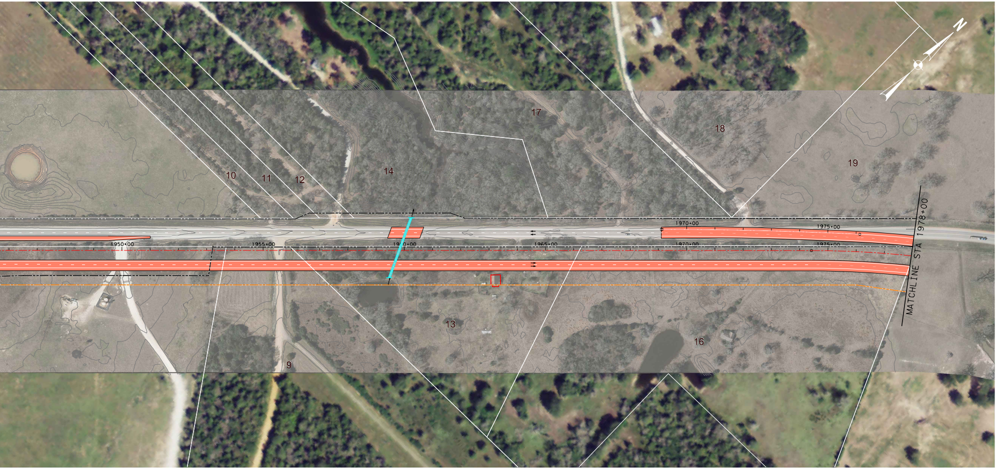

40' MIN
50' TYP
9' MIN
2'-8'
4.5'
MIN
PROP ROW
②
③

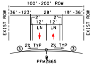

224' MIN ROW
26' MIN
40' TYP
4.5'MIN
2'-8'
9'MIN
38'-62'
4'-10'
0'-12'
12'
12'
0'-12'
4'-10'
SH
TRN
LN
LN
TRN
SH
56'-101' MEDIAN
8'
38'-56'
4'
0'-12'
12'
12'
0'-12'
4'-10'
SH
TRN
LN
LN
TRN
SH
40' MIN
9' MIN
2'-8'
4.5'
MIN
PROP ROW
PROP ROW
2% TYP
2% TYP
①
①
②
②
③
③
PGL & AOR
WB SH 21
℄
SH 21
PGL & AOR
EB SH 21

PROPOSED SH 21 TYPICAL SECTION
STA 1969+10+00 TO STA 2005+11

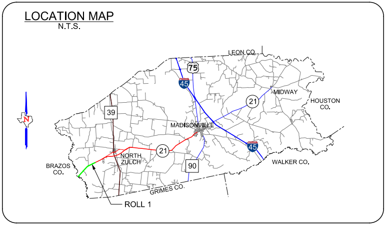

259' TYP ROW
41'
44'
78'
40'
59'
10'
12'
12'
10'
SH
LN
LN
SH
1'
4'
12'
12'
1'
10'
SH
LN
LN
SH
PROP ROW
PROP ROW
2% TYP
2% TYP
2% TYP
PGL & AOR
WB SH 21
℄
SH 21
PGL & AOR
EB SH 21
CTR, TYP

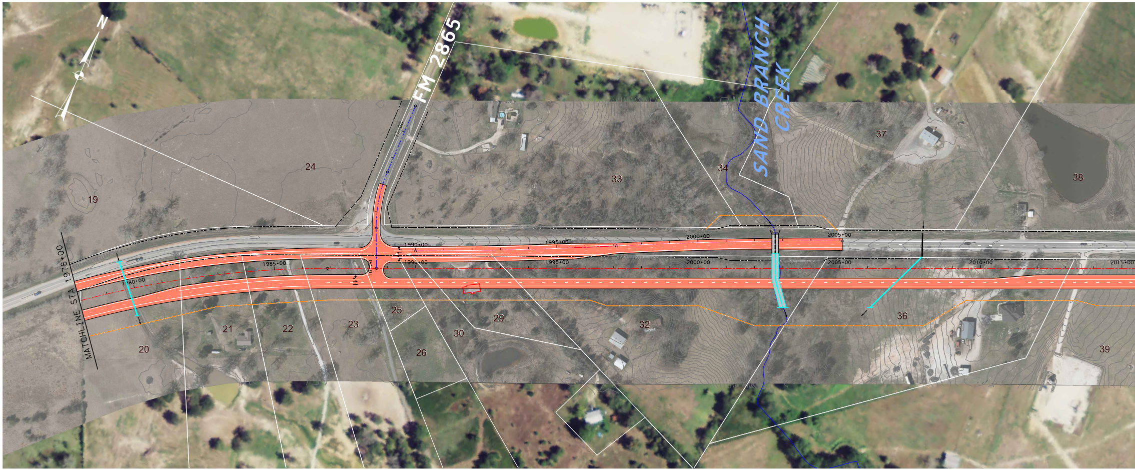
PROPOSED SH 21 TYPICAL SECTION
STA 2031+99 TO STA 2035+30

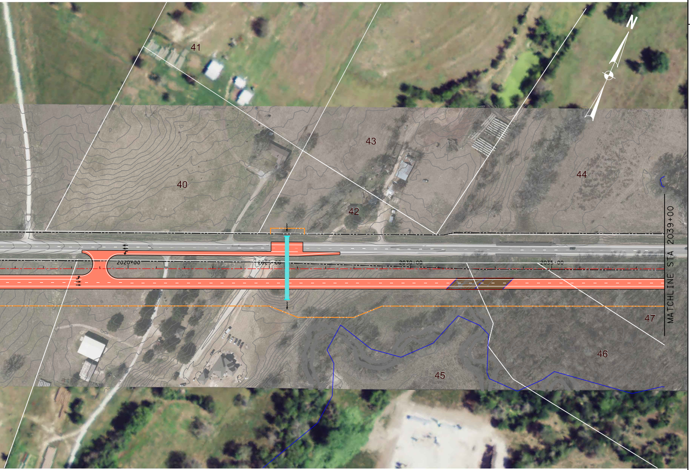

N
17
18
19
10
11
12
14
1950+00
1955+00
1960+00
1965+00
1970+00
1975+00
13
16
9
MATCHLINE STA 1978+00


100'-200' ROW
36'-123'
28'
19'-36'
2'
2'
12'
12'
LN
LN
EXIST ROW
EXIST ROW
2% TYP
2% TYP
③
③
PFM2865

PROPOSED FM 2865 TYPICAL SECTION
STA 10+00 TO STA 13+00.00


LOCATION MAP
N.T.S.
N
LEON CO.
75
45
MIDWAY
21
HOUSTON CO.
39
MADISONVILLE
NORTH ZULCH
21
90
45
BRAZOS CO.
WALKER CO.
GRIMES CO.
ROLL 1


N
FM 2865
SAND BRANCH CREEK
MATCHLINE STA 1978+00
1980+00
1985+00
1990+00
1995+00
2000+00
2005+00
2010+00
2015+00
19
20
21
22
23
24
25
26
29
30
32
33
34
36
37
38
39


N
41
43
44
40
42
2020+00
2025+00
2030+00
2035+00
47
46
45
MATCHLINE STA 2039+00

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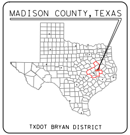
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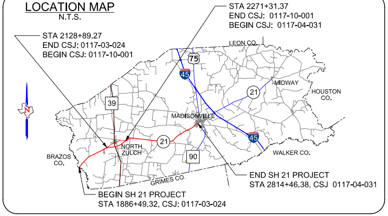
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0
100
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300
400

HORIZONTAL SCALE