NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY
YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6

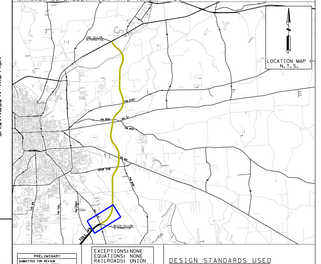
FROM SH 110 TO US 271

NET LENGTHS

58,914.00 FEET = 11.157 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
MAINLANES	RURAL FREEWAY	70 MPH
RAMPS (TYPICAL)	RAMPS	50 MPH (USUAL) 35 MPH (MIN)
FRONTAGE ROADS	RURAL COLLECTOR	50 MPH
LOOP RAMPS	RAMPS	20 MPH

MAXIMUM SUPERELEVATION RATE (approx) = 6%



PRELIMINARY
NOT FOR CONSTRUCTION, BIDDING OR RECORDING

EXCEPTIONS: NONE
EQUATIONS: NONE
RAILROADS: UNION PACIFIC

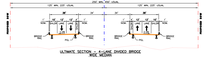
HORZ. SCALE: 1"=200'
0 100 200 400

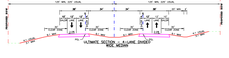
DESIGN STANDARDS USED

TxDOT ROADWAY DESIGN MANUAL, 2020
TxDOT HYDRAULIC DESIGN MANUAL, 2019
AASHTO GREEN BOOK, 7TH EDITION, 2018
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011 Rev(2014)

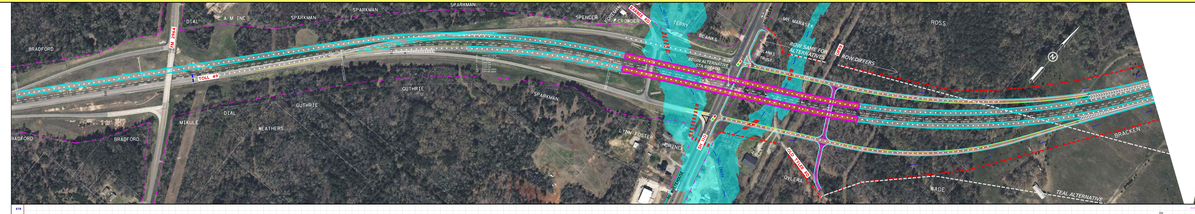
LEGEND:

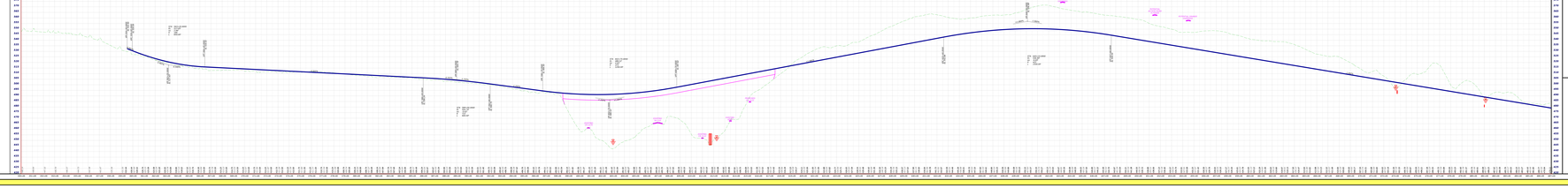
- EXISTING ROW OR PARCEL BOUNDARY
- PROPOSED RIGHT-OF-WAY
- TRAFFIC LANE
- EXISTING SIGNAL
- 100-YEAR FEMA FLOODPLAIN
- NHD WATERBODY
- NHD FLOWLINE
- DRAINAGE FLOW
- 100 MSEL
- PROPOSED MAINLANES
- PROPOSED RAMPS
- PROPOSED ACCESS AND SIDE ROADS
- PROPOSED BRIDGES





PRELIMINARY
SUBJECT TO CHANGE





YELLOW ALTERNATIVE
TOLL 49
FROM SH 110 TO US 271
DESIGN SCHEMATIC
No. 1-4

YELLOW ALTERNATIVE
TOLL 49
FROM SH 110 TO US 271
DESIGN SCHEMATIC
No. 1-5

Lochner
Bury Partners, Inc. Texas

NET RMA
NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY

DATE PLOTTED
DRAWN BY
REVIEWED BY

NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY
YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6

FROM SH 110 TO US 271

NET LENGTH:
58,914.00 FEET = 11.157 MILES

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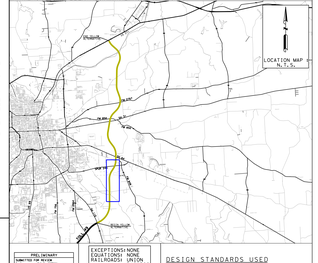
FRONTAGE ROADS	RURAL COLLECTOR	50 MPH
LOOP RAMPS	RAMPS	20 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%



NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY
YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6

FROM SH 110 TO US 271

NET LENGTH:
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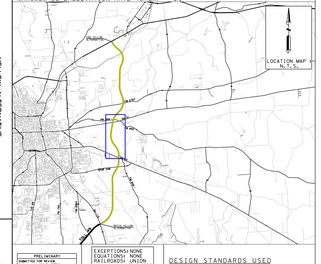


PRELIMINARY
SUBJECT TO CHANGE

EXCEPTIONS: NONE
EQUATIONS: NONE
RAILROADS: UNION PACIFIC

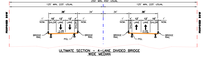
HORZ. SCALE: 1"=200'
0 100 200 400

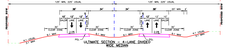
DESIGN STANDARDS USED

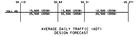
TxDOT ROADWAY DESIGN MANUAL, 2020
TxDOT HYDRAULIC DESIGN MANUAL, 2019
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011 Rev(2014)

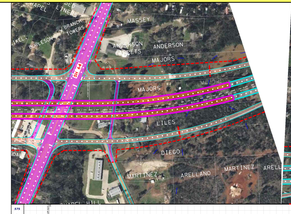
LEGEND:

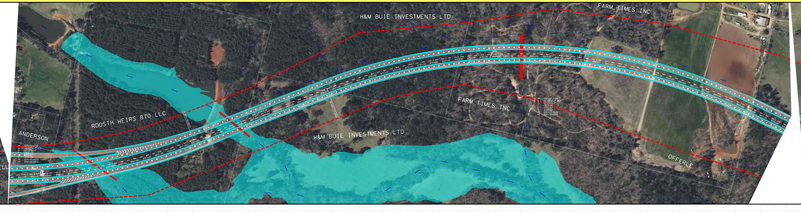
- EXISTING ROW OR PARCEL BOUNDARY
- PROPOSED RIGHT-OF-WAY
- TRAFFIC LANE
- EXISTING SIGNAL
- 100-YEAR FEMA FLOODPLAIN
- NHD WATERBODY
- NHD FLOWLINE
- DRAINAGE FLOW
- 100 MSEL
- PROPOSED MAINLANES
- PROPOSED RAMPS
- PROPOSED ACCESS AND SIDE ROADS
- PROPOSED BRIDGES

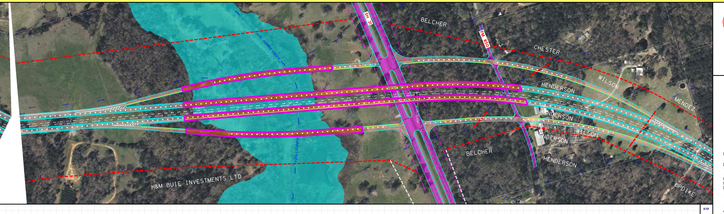


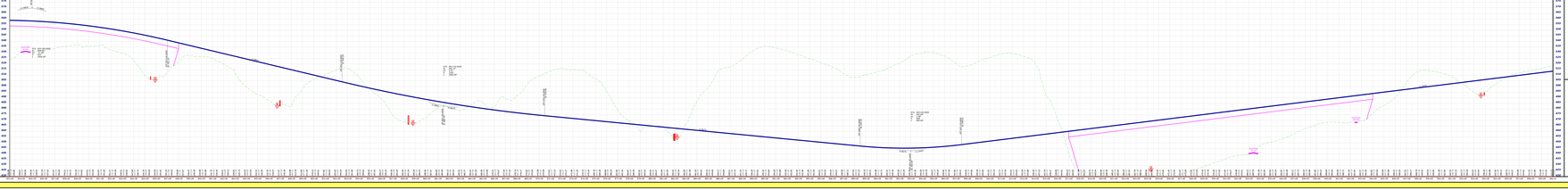












YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6
FROM SH 110 TO US 271
DESIGN SCHEMATIC
SHEET 1 OF 4

YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6
FROM SH 110 TO US 271
DESIGN SCHEMATIC
SHEET 2 OF 4

Lochner
Serving Communities & Clients

NET RMA
NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY

NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY
YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6

FROM SH 110 TO US 271

NET LENGTH:
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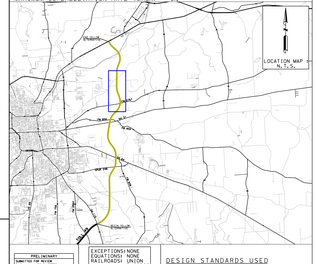

FEEL INSTANT
CONSTRUCTION
TYPE: JOB NUMBER
CONTRACT NUMBER:
TOTAL CONSTRUCTION COST:
TOTAL ROW COST:
ROW ACQUISITION STATUS:

EXCEPTIONS: NONE
EQUATIONS: NONE
RAILROAD: UNION PACIFIC

HORZ. SCALE: 1"=200'
0 100 200 400

DESIGN STANDARDS USED
TxDOT ROADWAY DESIGN MANUAL 2020
TxDOT HYDRAULIC DESIGN MANUAL 2019
TxDOT BRIDGE DESIGN MANUAL LRFD 2020
TEXAS MANUAL OF UNIFORM CONTROL DEVICES 2011 Rev(2014)

LEGEND:
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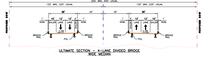
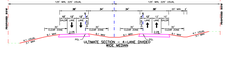
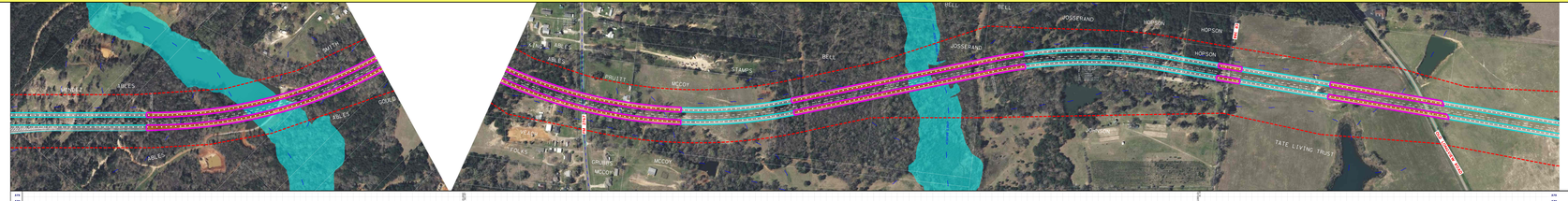
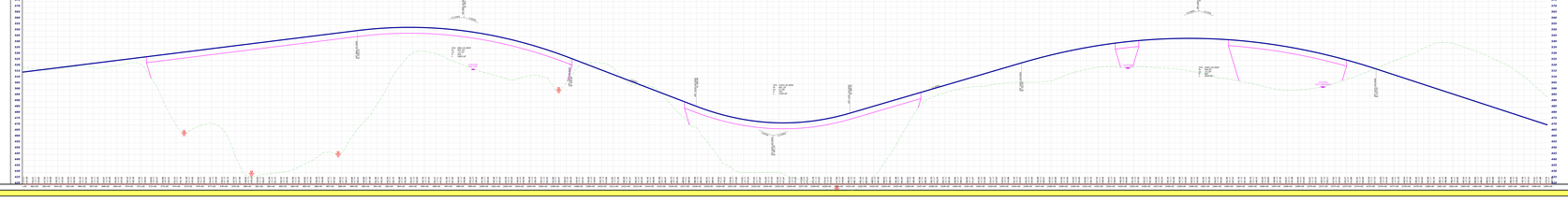




PRELIMINARY
SUBJECT TO CHANGE





YELLOW ALTERNATIVE
TOLL 49
FROM SH 110 TO US 271
DESIGN SCHEMATIC
NO. 6 OF 6

YELLOW ALTERNATIVE
TOLL 49
FROM SH 110 TO US 271
DESIGN SCHEMATIC
NO. 6 OF 6

NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY
YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6

FROM SH 110 TO US 271

NET LENGTH:
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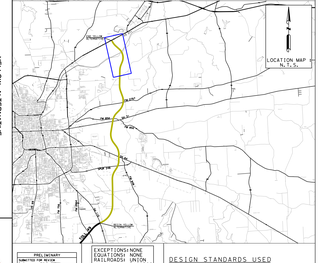

PRELIMINARY
NOT FOR CONSTRUCTION, BIDDING OR RECORD

EXCEPTIONS: NONE
EQUATIONS: NONE
RAILROADS: UNION PACIFIC

HORZ. SCALE: 1"=200'
0 100 200 400

DESIGN STANDARDS USED
TxDOT ROADWAY DESIGN MANUAL 2020
TxDOT HYDRAULIC DESIGN MANUAL 2019
AASHTO GREEN BOOK 2018 (6th EDITION)
TEXAS MANUAL OF UNIFORM CONTROL DEVICES 2011 Rev(2014)

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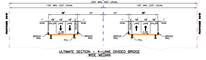
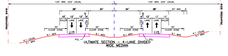
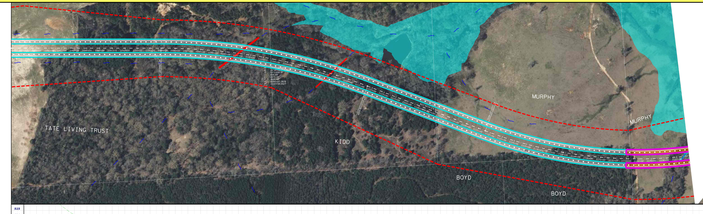
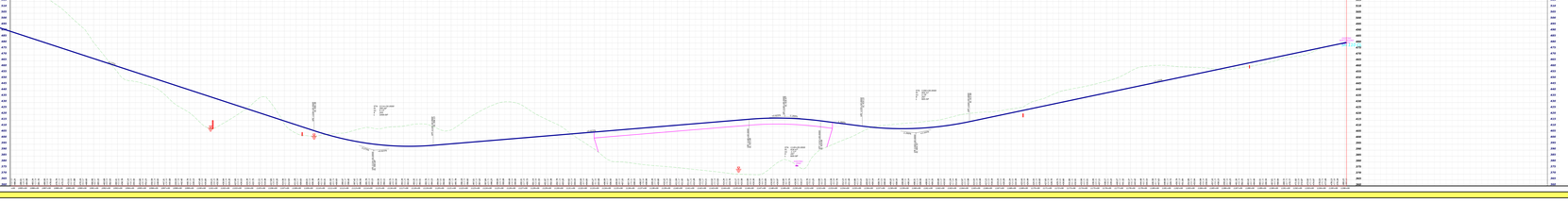




PRELIMINARY
SUBJECT TO CHANGE





YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6
FROM SH 110 TO US 271
DESIGN SCHEMATIC
SHEET 1 OF 4

YELLOW ALTERNATIVE
TOLL 49 SEGMENT 6
FROM SH 110 TO US 271
DESIGN SCHEMATIC
SHEET 1 OF 4

Lochner
Design Delivered Right

NET RMA
NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY