TEXAS DEPARTMENT OF TRANSPORTATION
ODESSA DISTRICT

DESIGN SCHEMATIC

JOHN SPEED, P.E.
DISTRICT ENGINEER

FM 1776
PECOS COUNTY

CSJ: 2262-02-013

FROM: 2 MILES NORTH OF FM 1450
TO: FM 1450
LENGTH : 2.27 MILES

CSJ: 2262-03-014

FROM: FM 1450
TO: 2 MILES SOUTH OF FM 1450
LENGTH : 2.05 MILES

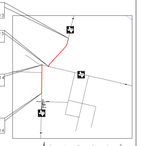
NET LENGTH OF PROJECT: 4.32 MILES

FUNCTIONAL CLASSIFICATION:
MAJOR COLLECTOR
DESIGN SPEED = 70 MPH
RAMPS DESIGN SPEED = 50 MPH

TRAFFIC DATA

TRAFFIC VOLUMES BASED ON YEAR 2040 PROJECTIONS PROVIDED BY TxDOT TPIP DIVISION DATED:

	FM 1776 FROM 2 MILES N OF Project TO FM 1450	FM 1776 FROM FM 1450 TO 2 MILES S OF Project
AVERAGE DAILY TRAFFIC - 2040(2000)	XX,000(XX,800)	XX,000(XX,800)
DIRECTIONAL DISTRIBUTION (%)	XX-XX	XX-XX
PERCENT TRUCKS OF DHV	X	X
K FACTOR	X	X



CONCEPTUAL REVIEW
DECEMBER 13, 2016

PREPARED BY:
CIVIL ASSOCIATES, INC.
TBPE REGISTRATION NO. F-000981

NASER ABUSAAD, P.E., AICP
LICENSE NO. 83200

K. DAVID GAN, P.E.
LICENSE NO. 93074

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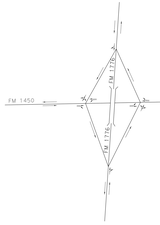
LEGEND

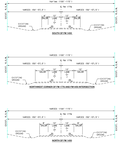
- EXISTING AGRICULTURE
- PROPOSED BRIDGE
- PROPOSED LANE
- CONSTRAINT
- EXISTING STRUCTURES
- EXISTING SURFACE WELL
- EXISTING BOTTOM WELL
- EXISTING WELL LINE
- EXISTING PIPE LINES
- PARCEL BOUNDARY
- EXISTING R.O.W.
- PROPOSED R.O.W.
- CONTROL OF ACCESS

GENERAL NOTES

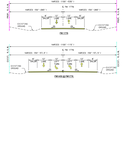
1. AERIAL IMAGES SHOWN WERE OBTAINED FROM: https://terra.org



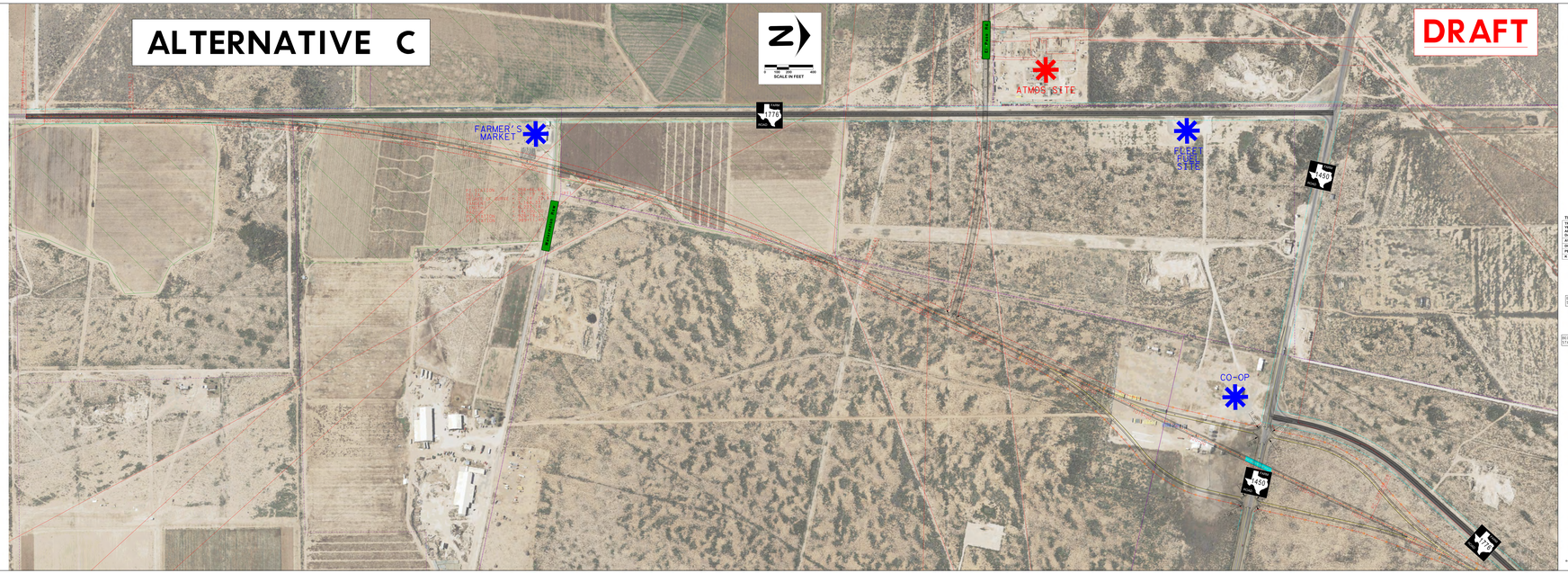
EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



ALTERNATIVE C



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ODESSA DISTRICT

DESIGN SCHEMATIC

JOHN SPEED, P.E.
DISTRICT ENGINEER

FM 1776
PECOS COUNTY

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LENGTH : 2.27 MILES

CSJ: 2262-03-014

FROM: FM 1450
TO: 2 MILES SOUTH OF FM 1450
LENGTH : 2.05 MILES

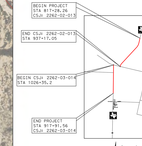
NET LENGTH OF PROJECT: 4.32 MILES

FUNCTIONAL CLASSIFICATION:
MAJOR COLLECTOR
DESIGN SPEED = 70 MPH
RAMPS DESIGN SPEED = 50 MPH

TRAFFIC DATA

TRAFFIC VOLUMES BASED ON YEAR 2040 PROJECTIONS PROVIDED BY TxDOT TPIP DIVISION DATED:

	FM 1776 FROM 2 MILES N OF Project TO FM 1450	FM 1776 FROM FM 1450 TO 2 MILES S OF Project
AVERAGE DAILY TRAFFIC - 2040(2000)	XX,000(XX,800)	XX,000(XX,800)
DIRECTIONAL DISTRIBUTION (%)	XX-XX	XX-XX
PERCENT TRUCKS OF DHV	X	X
K FACTOR	X	X



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Texas Department of Transportation

COUNTY: PECOS
DATE: DECEMBER 2016

CONCEPTUAL SCHEMATIC FOR FM 1776

ROLL 1 OF 2

Texas Department of Transportation
Odessa District
Design Division
Schematic Section

USER: ATEC
LAYER: ATEC

ALTERNATIVE C

DRAFT

TEXAS DEPARTMENT OF TRANSPORTATION
ODESSA DISTRICT

DESIGN SCHEMATIC

JOHN SPEED, P.E.
DISTRICT ENGINEER

FM 1776
PECOS COUNTY

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NET LENGTH OF PROJECT: 4.32 MILES

FUNCTIONAL CLASSIFICATION:
MAJOR COLLECTOR
DESIGN SPEED = 70 MPH
RAMPS DESIGN SPEED = 50 MPH

TRAFFIC DATA

TRAFFIC VOLUMES BASED ON YEAR 2045 PROJECTIONS PROVIDED BY TxDOT TPIM DIVISION DATED:	FM 1776 FROM 2 MILES NORTH OF Project TO FM 1450	FM 1776 FROM FM 1450 TO 2 MILES SOUTH OF Project
AVERAGE DAILY TRAFFIC - 2045(2000)	XX,000(XX,400)	XX,000(XX,400)
DIRECTIONAL DISTRIBUTION (%)	XX-XX	XX-XX
PERCENT TRUCKS OF DHV	X	X
K FACTOR	X	X

LEGEND

- EXISTING AGRICULTURE
- PROPOSED BRIDGE
- PROPOSED LANE
- CONSTRAINT
- EXISTING STRUCTURES
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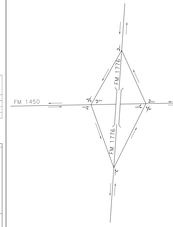
GENERAL NOTES

1. AERIAL IMAGES SHOWN WERE OBTAINED FROM: https://tnris.org



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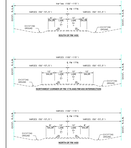
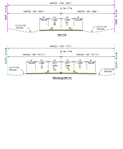
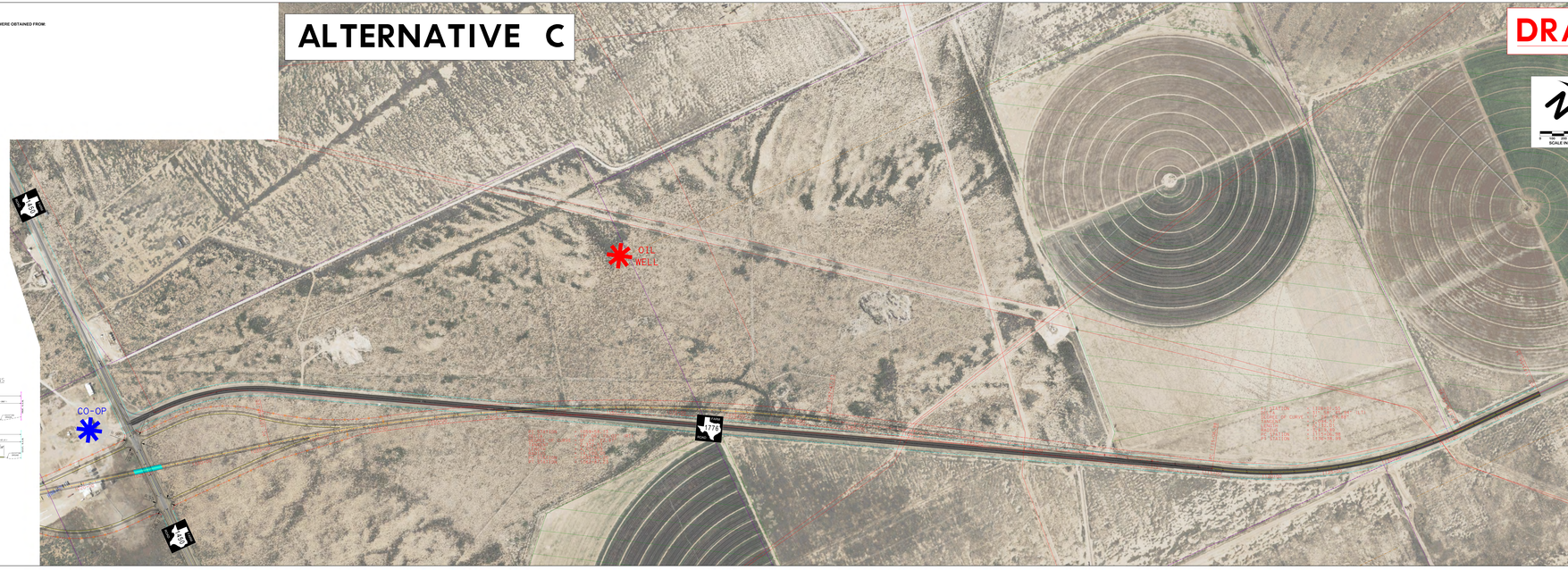
EXISTING TYPICAL SECTIONS



PROPOSED TYPICAL SECTIONS





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MAJOR COLLECTOR
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TRAFFIC DATA

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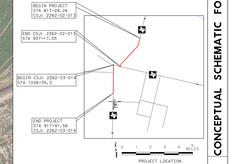
AVERAGE DAILY TRAFFIC - 2045(2000)	XX,000(XX,400)	XX,000(XX,400)
DIRECTIONAL DISTRIBUTION (%)	XX-XX	XX-XX
PERCENT TRUCKS OF DHV	X	X
K FACTOR	X	X



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Texas Department of Transportation

COUNTY: PECOS
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CONCEPTUAL SCHEMATIC FOR FM 1776

ROLL 2 OF 2

Texas Department of Transportation
Odessa District
Design Section
Schematic Section

CIVIL ASSOCIATES, INC.
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