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

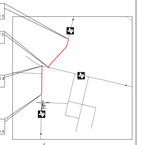
**FROM: FM 1450**
**TO: 2 MILES SOUTH OF FM 1450**
LENGTH : 2.05 MILES

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 NORTH OF Project TO FM 1450 | FM 1776 FROM FM 1450 TO 2 MILES SOUTH 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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Texas Department of Transportation

COUNTY: PECOS
DATE: DECEMBER 2016

CONCEPTUAL SCHEMATIC FOR FM 1776

ROLL 1 OF 2

Texas Department of Transportation
Civil Associates, Inc.
Texas Registered Engineering Firm F-000981

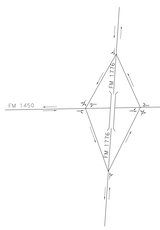
USER: ATEC
LAYER: C1

## LEGEND

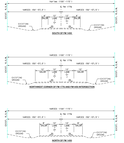
- EXISTING AGRICULTURE
- PROPOSED BRIDGE
- PROPOSED LANE
- CONSTRAINT
- EXISTING STRUCTURES
- EXISTING SURFACE WELL
- EXISTING BOTTOM WELL
- EXISTING WELL LINE
- EXISTING PIPE LINES
- PARCEL BOUNDARY
- EXISTING R.O.W.
- PROPOSED R.O.W.
- CONTROL OF ACCESS

## GENERAL NOTES

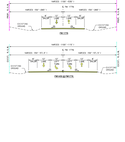
1. AERIAL IMAGES SHOWN WERE OBTAINED FROM: https://terra.org

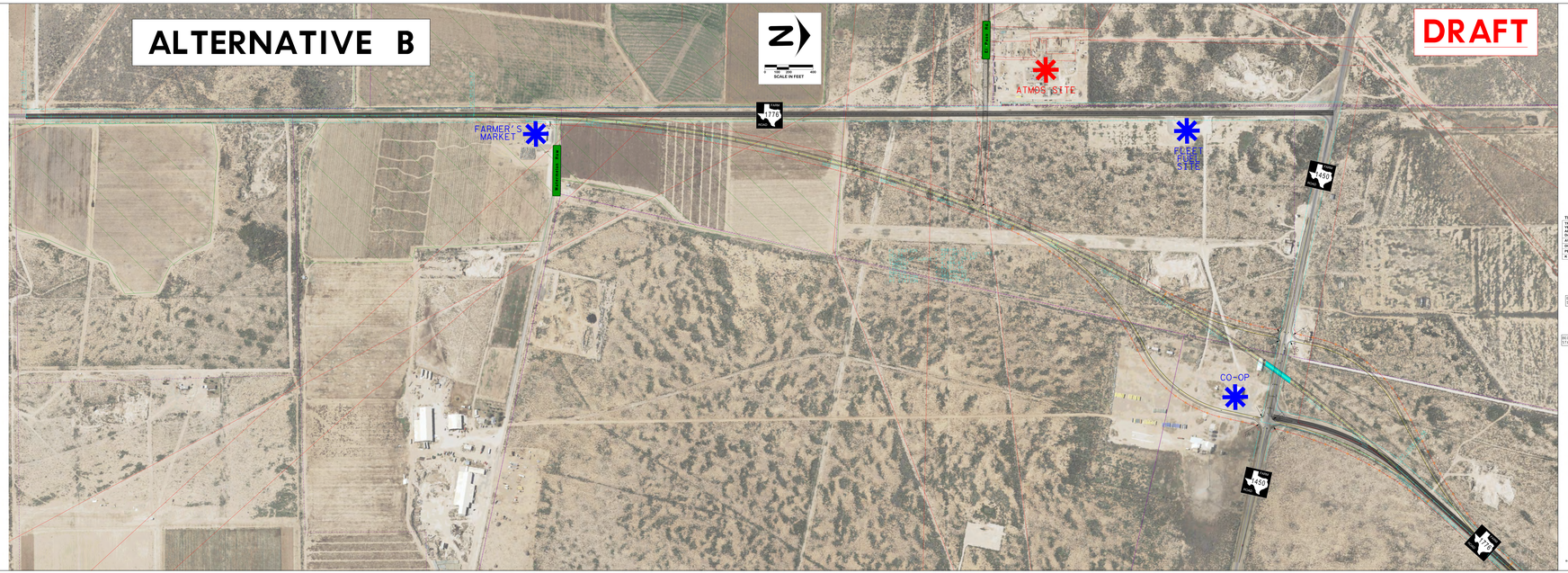



EXISTING TYPICAL SECTION




PROPOSED TYPICAL SECTION

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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**

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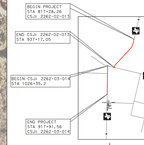
| AVERAGE DAILY TRAFFIC - 2040(2000) | XX,000(XX,800) | XX,000(XX,800) |
| DIRECTIONAL DISTRIBUTION (%) | XX-XX | XX-XX |
| PERCENT TRUCKS OF DHV | X | X |
| K FACTOR | X | X |

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COUNTY: PECOS
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CONCEPTUAL SCHEMATIC FOR FM 1776

ROLL 1 OF 2

Texas Department of Transportation
Civil Associates, Inc.
Texas Registered Engineering Firm F-000981

USER: ATEC
LAYER: C1

# ALTERNATIVE B

DRAFT

TEXAS DEPARTMENT OF TRANSPORTATION
ODESSA DISTRICT

**DESIGN SCHEMATIC**

JOHN SPEED, P.E.
DISTRICT ENGINEER

**FM 1776**
**PECOS COUNTY**

CSJ: 2262-02-013
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NET LENGTH OF PROJECT: 4.32 MILES

**FUNCTIONAL CLASSIFICATION:**
**MAJOR COLLECTOR**
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**TRAFFIC DATA**

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| AVERAGE DAILY TRAFFIC - 2045(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 |

**LEGEND**

- EXISTING AGRICULTURE
- PROPOSED BRIDGE
- PROPOSED LANE
- CONSTRAINT
- EXISTING STRUCTURES
- EXISTING SURFACE WELL
- EXISTING BOTTOM WELL
- EXISTING WELL LINE
- EXISTING PIPE LINES
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- EXISTING R.O.W.
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**GENERAL NOTES**

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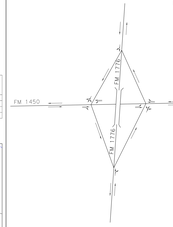


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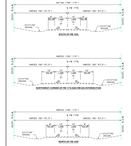
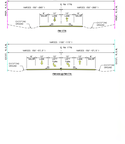
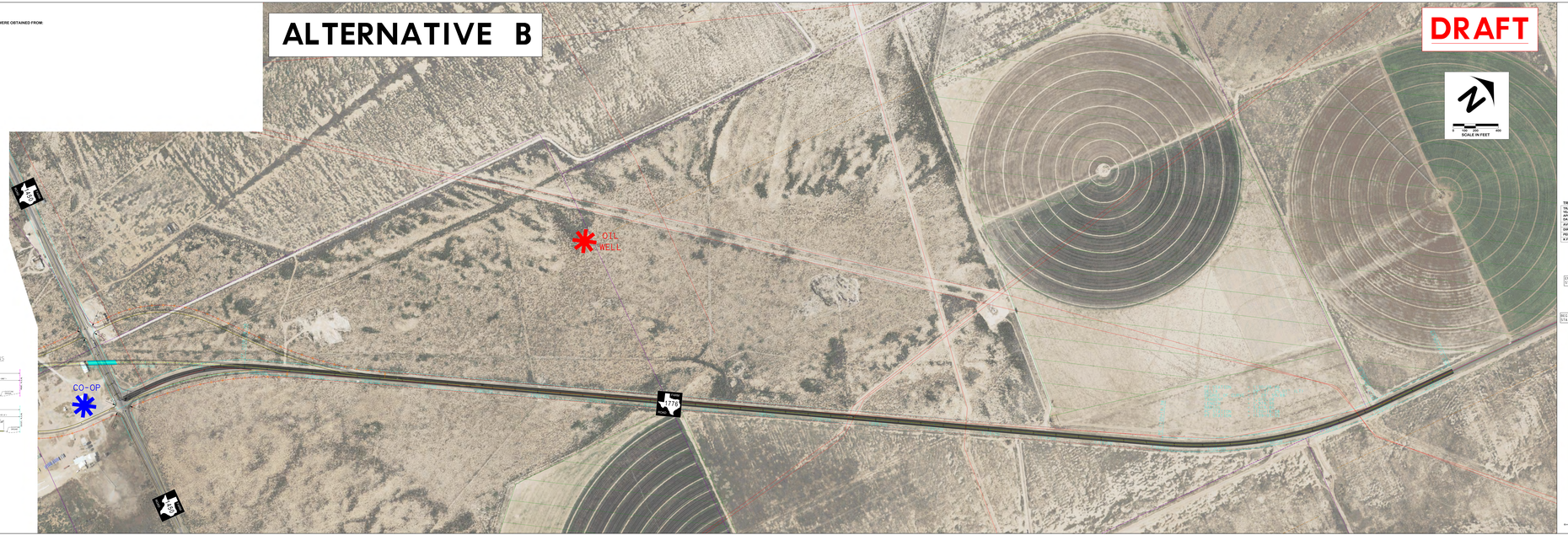
EXISTING TYPICAL SECTIONS




PROPOSED TYPICAL SECTIONS

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ODESSA DISTRICT

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| AVERAGE DAILY TRAFFIC - 2045(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 |

BEGIN PROJECT
STA. 817+28.26
CSJ: 2262-02-013
END CSJ: 2262-02-013
STA. 937+17.05
BEGIN CSJ: 2262-03-014
STA. 1024+35.3
END PROJECT
STA. 1046+61.96
CSJ: 2262-03-014
0 1 2 3 4 5 MILES
PROJECT LOCATION
PECOS COUNTY
ODESSA DISTRICT

CONCEPTUAL REVIEW
DECEMBER 13, 2016

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COUNTY: PECOS
DATE: DECEMBER 2016

CONCEPTUAL SCHEMATIC FOR FM 1776

ROLL 2 OF 2

CSJ: 2262-02-013
CSJ: 2262-03-014

Texas Department of Transportation
Civil Associates, Inc.
Odessa, Texas