Texas Department of Transportation

WICHITA FALLS DISTRICT
MICHAEL D. BEAVER, P.E.
DISTRICT ENGINEER

FINAL DESIGN SCHEMATIC
AUGUST 24, 2021

US 82
FROM WICHITA/ARCHER COUNTY LINE TO FM 369

CSJ: 0150-04-144
PROJECT LENGTH = 3.98 MILES
ROADWAY = 3.97 MILES
BRIDGE = 0.01 MILES

WICHITA COUNTY

CONSTRUCTION OF: ROADWAY WIDENING OF US 82 FROM WICHITA/ARCHER COUNTY LINE TO FM 369

CONSISTING OF: ORIGINAL PAVING, STRUCTURE WIDENING, SIGNING AND PAVEMENT MARKING

FUNCTIONAL CLASS: RURAL PRINCIPAL ARTERIAL

DESIGN SPEED:
PROPOSED: 70 MPH
POSTED: 70 MPH
EXIST EAST CONNECTION: 65 MPH

TRAFFIC ANALYSIS FOR ROADWAY DESIGN PREPARED BY TRAFFIC ANALYSIS SECTION BY: TRANSPORTATION PLANNING AND PROGRAMMING DIVISION ON: MONDAY, AUGUST 16, 2021
DESIGN HOURLY VOLUME (DHV):
2021: 1,132 VPH
2041: 1,699 VPH
DHV = VEHICLES PER DAY

LEGEND

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING FENCE
- OVERHEAD ELECTRIC
- OVERHEAD TELEPHONE
- BURIED WATER
- GENERIC VALVE (SHOP)
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING PAVEMENT MARKING
- EXISTING BRIDGE
- BRIDGE WIDENING
- CONCRETE REPAIR
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT
- PROPERTY LINE (GIS DATA)
- PROPOSED UNDERGROUND STRUCTURE
- PARCEL NUMBER 18
- CABLE PEDESTAL
- ELECTRIC POLE
- GENERIC JUNCTION BOX
- TELEPHONE PEDESTAL
- WATER METER
- WATER VALVE
- GUY ANCHOR
- TELEPHONE JUNCTION BOX

ROLL 2 OF 4

SHEET INDEX:
ROLL 1: GENERAL SECTIONS
ALIGNMENT DATA
ROLL 2: PLAN AND PROFILE STA 1100+00=0.00 TO STA 1169+00=0.90
ROLL 3: PLAN AND PROFILE STA 1169+00=0.90 TO STA 1238+00=1.80
ROLL 4: PLAN AND PROFILE STA 1238+00=1.80 TO STA 1307+00=2.70
ROLL 5: PLAN AND PROFILE STA 1307+00=2.70 TO STA 1376+00=3.60
ROLL 6: PLAN AND PROFILE STA 1376+00=3.60 TO STA 1433+07=3.97
ROLL 7: PLAN AND PROFILE STA 1100+00=0.00 TO STA 1129+07=0.60
ROLL 8: PLAN AND PROFILE STA 1100+00=0.00 TO STA 1129+07=0.60
ROLL 9: PLAN AND PROFILE STA 1100+00=0.00 TO STA 1129+07=0.60
ROLL 10: PLAN AND PROFILE STA 1100+00=0.00 TO STA 1129+07=0.60
ROLL