TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

DALLAS COUNTY
DESIGN SCHEMATIC
JAMES K. SELMAN, P.E.
DISTRICT ENGINEER

CONFLANS ROAD EXTENSION

FROM: VALLEY VIEW LANE
TO: SH 161 / PGBT

NET LENGTH OF PROJECT: 0.881 MILE
FUNCTIONAL CLASSIFICATION:
URBAN COLLECTOR
DESIGN SPEED = 35 MPH

TRAFFIC DATA

TRAFFIC VOLUMES BASED ON YEAR (DAY) PROJECTIONS APPROVED BY TxDOT TPMP DIVISION ON FEBRUARY 9, 2016	CONFLANS RD FROM VALLEY VIEW LN TO SH 161
AVERAGE DAILY TRAFFIC - 2023(2045)	5,200(6,300)
DIRECTIONAL DISTRIBUTION (%)	65:35
PERCENT TRUCKS OF DHV	5.9
K FACTOR	11.2

BEGIN PROJECT
STA 100+00.00
CSJ: 0918-45-812

END PROJECT
STA 146+00.00
CSJ: 0918-45-812

PROJECT LOCATION
DALLAS COUNTY
DALLAS DISTRICT

MILE

FOR TxDOT DISTRICT REVIEW
JANUARY 17, 2017

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

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

GRANT WU, P.E.
LICENSE NO. 89529

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N

0 50 100 200
SCALE IN FEET

LEGEND

- PROPOSED PAVEMENT
- PROPOSED PAVEMENT (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED CURB RAMPS (TxDOT TY 1)
- PROPOSED PED RAMPS (CITY OF IRVING STD)
- PROPOSED R.O.W.
- EXISTING R.O.W.
- PARCEL BOUNDARY (APPROX.)
- PROPOSED TEMPORARY EASEMENT
- PROPOSED LANE
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED RETAINING WALL
- METAL BEAM GUARD FENCE W/ SGT/DAT
- DRAINAGE FLOW
- IRON ROD FOUND
- PROPERTY CORNER
- STREAM
- PROPOSED BY OTHERS
- LEVEE IMPROVEMENTS
- 100-YR FLOODPLAIN LIMITS (SEE NOTE 6)

GENERAL NOTES

1. EXISTING TOPOGRAPHY AND RIGHT-OF-WAY SURVEY PROVIDED BY PKCE, JUNE 22, 2015.
2. AERIAL IMAGERY SHOWN PROVIDED BY THE CITY OF IRVING, FEBRUARY 28, 2015.
3. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DALLAS COUNTY APPRAISAL DISTRICT, JUNE 2015.
4. DIMENSIONS ARE FROM/TO FACE OF CURB.
5. PROPOSED CURB TO BE TYPE II UNLESS OTHERWISE SHOWN.
6. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED ON FEMA FLOOD INSURANCE RATE MAP FOR DALLAS COUNTY, TEXAS AND INCORPORATED AREAS, MAP NO. 48113C0285K, COMMUNITY-PANEL NO. 480180-0285, REVISION DATE JULY 7, 2014.

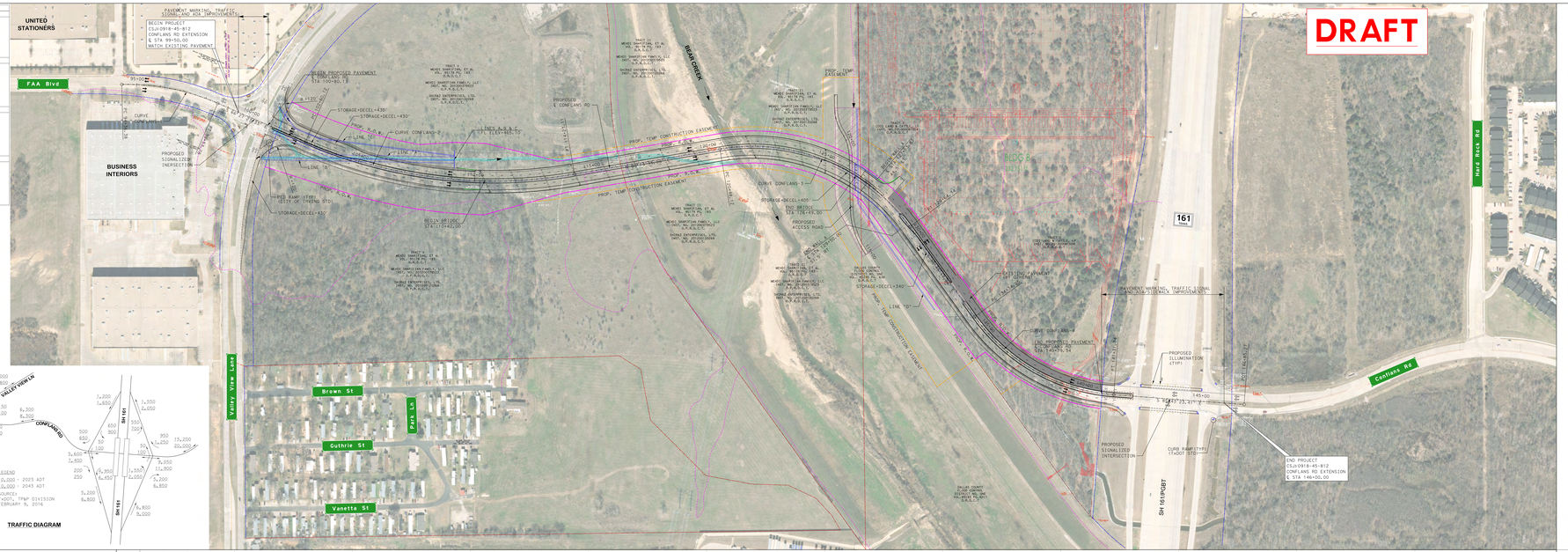
CURVE DATA TABLE

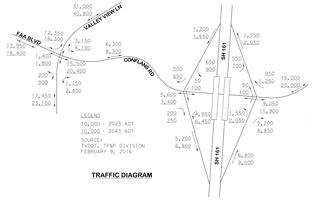
CONFLANS-1	
PI STATION	= 96+48.43
DELTA	= 24° 54' 42.76" (RT)
DEGREE OF CURVE	= 5° 45' 05.92"
RADIUS	= 997.00'
LENGTH	= 417.40'
TANGENT	= 212.50'
PC STATION	= 94+36.08
PT STATION	= 98+53.78

CONFLANS-2	
PI STATION	= 108+56.58
DELTA	= 33° 31' 53.09" (LT)
DEGREE OF CURVE	= 2° 15' 53.24"
TANGENT	= 598.45'
LENGTH	= 1,182.99'
RADIUS	= 2,532.00'
PC STATION	= 102+42.12
PT STATION	= 114+25.11

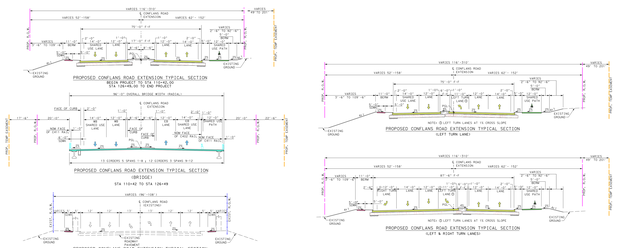
CONFLANS-3	
PI STATION	= 129+65.70
DELTA	= 49° 59' 11.06" (RT)
DEGREE OF CURVE	= 6° 00' 01.24"
TANGENT	= 512.56'
LENGTH	= 916.22'
RADIUS	= 955.00'
PC STATION	= 120+46.12
PT STATION	= 129+62.34

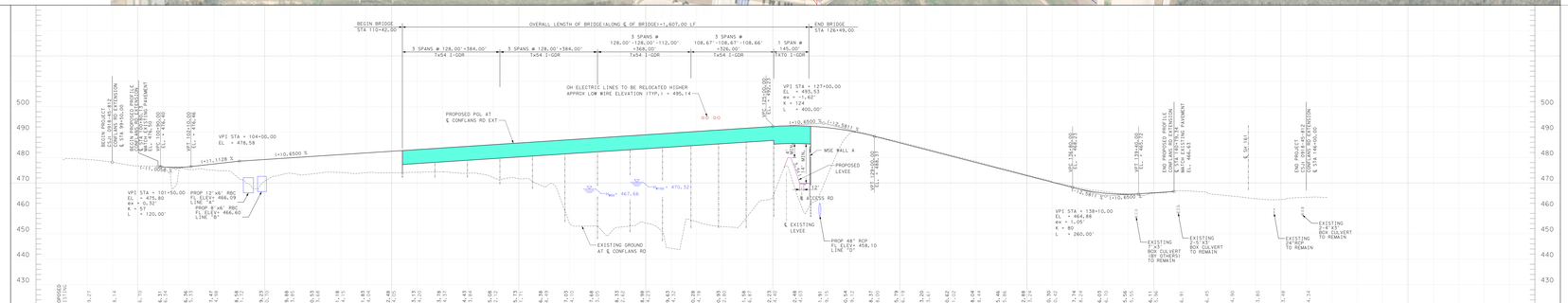
CONFLANS-4	
PI STATION	= 138+06.83
DELTA	= 49° 59' 11.05" (LT)
DEGREE OF CURVE	= 6° 00' 01.24"
TANGENT	= 512.56'
LENGTH	= 697.69'
RADIUS	= 700.00'
PC STATION	= 134+54.05
PT STATION	= 141+51.74





TRAFFIC DIAGRAM





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DESIGN SCHEMATIC FOR CONFLANS ROAD EXTENSION

ROLL 1 OF 1

COUNTY: DALLAS
DATE: JANUARY 2017

IRVING

Texas Department of Transportation

LAST UPDATED: 1/17/2017

Dallas County
Conflans Rd Ext
Design Schematic