TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT

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

CONFLANS ROAD EXTENSION

CSJ: 0918-45-812

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 (DA) PROJECTIONS APPROVED BY TxDOT TPMP DIVISION FOR ROADWAY ID:	CONFLANS RD FROM VALLEY VIEW LN TO SH 161
AVERAGE DAILY TRAFFIC - (2022)(AVG)	5,550(6,300)
DIRECTIONAL DISTRIBUTION (%)	65/35
PERCENT TRUCKS OF DHV	5.9
K FACTOR	11.2

COUNTY: DALLAS
DATE: APRIL 2017

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

N. T. S.

FOR TxDOT DISTRICT REVIEW
APRIL 5, 2017

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

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

GRANT WU, P.E.
LICENSE NO. 89529

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SCALE: 1"=100' HORIZ.
1"=10' VERT.
SCALE IN FEET

LEGEND

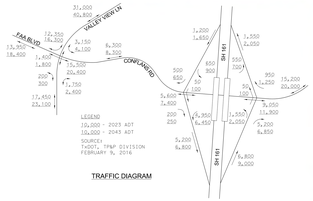
- PROPOSED PAVEMENT
- PROPOSED PAVEMENT (BY OTHERS)
- PROPOSED BRIDGE
- PROPOSED CURB RAMPS (TxDOT TY 1)
- PROPOSED PED RAMPS (CITY OF IRVING STD)
- PROPOSED R.O.W.
- EXISTING R.O.W.
- PARCEL BOUNDARY (APPROX.)
- PROPOSED TEMPORARY EASEMENT
- PROPOSED LANE
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED RETAINING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

CURVE DATA TABLE

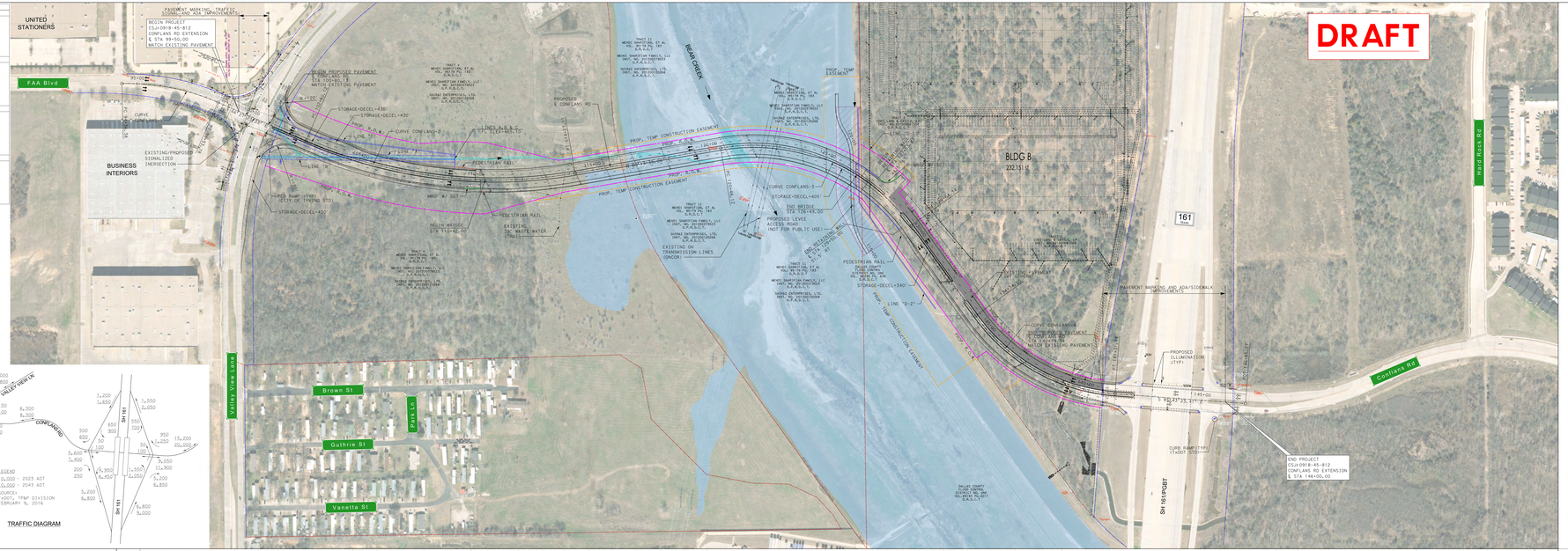
CONFLANS-1	
PI STATION	= 96+48.43
DELTA	= 24° 54' 42.76" (RT)
DEGREE OF CURVE	= 4° 55' 05.92"
TANGENT	= 312.32
LENGTH	= 615.40
RADIUS	= 1165.00
PC STATION	= 90+36.11
PT STATION	= 96+51.78
CONFLANS-2	
PI STATION	= 108+56.58
DELTA	= 33° 31' 53.09" (LT)
DEGREE OF CURVE	= 5° 37' 53.24"
TANGENT	= 598.45
LENGTH	= 1,182.99
RADIUS	= 1020.00
PC STATION	= 102+42.12
PT STATION	= 114+25.11
CONFLANS-3	
PI STATION	= 129+60.70
DELTA	= 64° 03' 11.06" (RT)
DEGREE OF CURVE	= 8° 59' 14.24"
TANGENT	= 912.56
LENGTH	= 916.22
RADIUS	= 637.00
PC STATION	= 120+48.12
PT STATION	= 129+64.34
CONFLANS-4	
PI STATION	= 138+06.83
DELTA	= 49° 38' 05.55" (LT)
DEGREE OF CURVE	= 8° 29' 45.10"
TANGENT	= 373.76
LENGTH	= 697.69
RADIUS	= 675.00
PC STATION	= 134+32.06
PT STATION	= 141+31.74

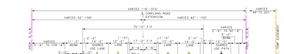
GENERAL NOTES

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 FROMTO 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.



TRAFFIC DIAGRAM

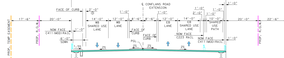




PROPOSED CONFLANS ROAD EXTENSION TYPICAL SECTION
BEGIN PROJECT TO STA 109+00.00
STA 109+00.00 TO END PROJECT

PROPOSED CONFLANS ROAD EXTENSION TYPICAL SECTION
(BRIDGE)
STA 110+42 TO STA 126+49

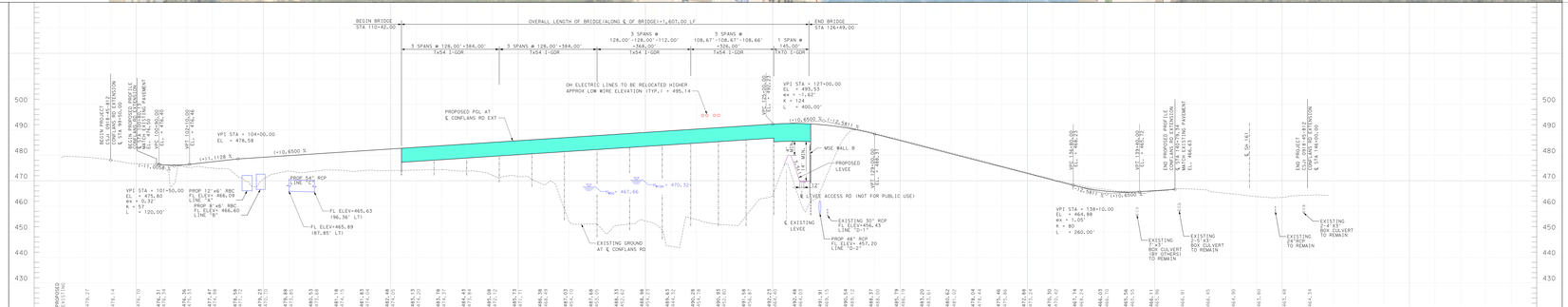
NOTE: @ HARRIS FROM 1.26' TO 3.50' ON SPAN 13



PROPOSED CONFLANS ROAD EXTENSION TYPICAL SECTION
UNDER SH 161

PROPOSED CONFLANS ROAD EXTENSION TYPICAL SECTION
(LEFT TURN LANES)

PROPOSED CONFLANS ROAD EXTENSION TYPICAL SECTION
(LEFT & RIGHT TURN LANES)



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DESIGN SCHEMATIC FOR CONFLANS ROAD EXTENSION

ROLL 1 OF 1

Texas Department of Transportation
Texas Department of Transportation
IRVING