Texas Department of Transportation

FM 156
DALLAS DISTRICT
SCHEMATIC - PUBLIC MEETING

FROM: SH 114
TO: NORTH OF DENTON PARKWAY

CRAIGH CLEMENS, P.E.
DISTRICT ENGINEER

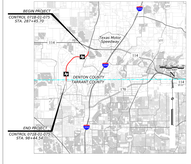
ROADWAY	FUNCTIONAL CLASS	DESIGN SPEED	eMAX
FM 156	URBAN MINOR ARTERIAL	45 MPH	4%
BOLD RULER DR	LOCAL STREET	30 MPH	4%
CHAPLIN DR	LOCAL STREET	30 MPH	4%
OLD BLUE MOUND RD	LOCAL STREET	30 MPH	4%
DOUBLE EAGLE BLVD	LOCAL STREET	30 MPH	4%

ROADWAY	2035 ADT	2055 ADT
FM156	27,050	36,200

DENTON COUNTY
CSJ:0714-02-075

WIDENING 2-LANE TO A 4-LANE URBAN ROADWAY
LENGTH = 2.67 MILES
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
(URBAN LEVEL)

PROJECT LOCATION MAP
DENTON COUNTY



PROJECT LENGTH	PROJECT NO.	DIST COUNTY	HIGHWAY NO.
3.87 MI	12048	XX	FM 156

NAD 1983 State Plane FIPS Texas North 4202 US Feet
SURFACE TO GRID FACTOR: 1.00013063

SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

REGISTERED ENGINEER

DATE

SCALE 1"=200'-0"

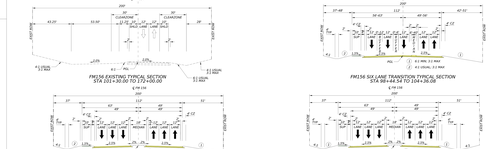
0 50 100 150 200

SCALE IN FEET

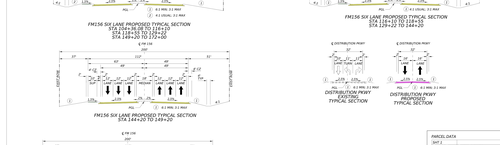
PRELIMINARY
FOR DESIGN REVIEW ONLY - NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION.

ROLL 1 OF 3

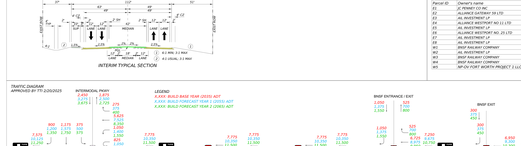
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400



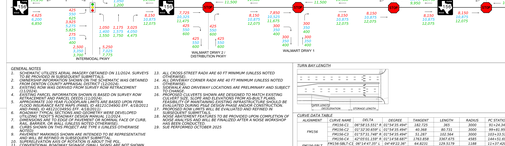
FM156 EXISTING TYPICAL SECTION
STA 157+20.00 TO 172+00.00



FM156 SIX LANE PROPOSED TYPICAL SECTION
STA 157+20.00 TO 172+00
STA 283+40.71 TO 284+20
STA 289+20 TO 372+00



FM156 SIX LANE PROPOSED TYPICAL SECTION
STA 144+20 TO 149+20



INTERIM TYPICAL SECTION

FM156 SIX LANE TRANSITION TYPICAL SECTION
STA 68+44.54 TO 144+20.00

FM156 SIX LANE PROPOSED TYPICAL SECTION
STA 144+20 TO 149+20
STA 157+20 TO 172+00
STA 283+40.71 TO 284+20
STA 289+20 TO 372+00

LEGEND
XXXX BUILD BASE YEAR (2035) ADT
XXXX BUILD FORECAST YEAR 1 (2055) ADT
XXXX BUILD FORECAST YEAR 2 (2065) ADT

PARCEL DATA	
SHT #	
PARCEL ID	OWNER'S NAME
E1	JC PENNEY CO INC
E2	ALLIANCE GATEWAY 59 LTD
E3	ALL INVESTMENT LP
E4	ALLIANCE WESTPORT 342 I LLTD
E5	ALL INVESTMENT LP
E6	ALLIANCE WESTPORT 342 2D LTD
E7	ALL INVESTMENT LP
E8	ALL INVESTMENT LP
W1	BNSF RAILWAY COMPANY
W2	ALL INVESTMENT LP
W3	BNSF RAILWAY COMPANY
W4	BNSF RAILWAY COMPANY
W5	NP-DV FORT WORTH PROJECT 1 LLC

GENERAL NOTES:
1. SCHEMATIC UTILITIES ARISING, IMAGERY OBTAINED ON 11/2024. SURVEYS TO BE PERFORMED AND DESIGN DURING SCHEMATIC AND OBTAINED FROM PROPOSED PROFILE GRADE LINE.
2. EXISTING ROW WAS DERIVED FROM SURVEY ROW RETRACEMENT.
3. EXISTING PARCEL INFORMATION SHOWN IS BASED ON SURVEY ROW RETRACEMENT AND DENTON CAD DATA.
4. IMPROVEMENTS ARE NOT WITHIN THE AREA BASED UPON FEMA FLOOD INSURANCE RATE MAPS (PANEL 0: 48121C0460D EFF. 4/18/2011 AND PANEL 0: 48121C0465G EFF. 4/18/2011).
5. PROPOSED TYPICAL SECTIONS AND GEOMETRY WERE DEVELOPED USING AASHTO GREEN BOOK 2018 AND TXDOT ROADWAY DESIGN MANUAL.
6. DIMENSIONS ARE TO EDGE OF PAVEMENT OR NORMAL FACE OF CURB, UNLESS OTHERWISE NOTED. CURB RADII ARE 30' UNLESS OTHERWISE SHOWN ON THIS PROJECT AND TYPE II UNLESS OTHERWISE NOTED.
7. PAVEMENT MARKINGS SHOWN ARE INTENDED TO BE REPRESENTATIVE AND NOT NECESSARILY ALL MARKINGS REQUIRED.
8. ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH TXDOT STANDARDS. DRIVEWAYS SHOWN ARE SCHEMATIC IN NATURE AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
9. ALL DISTURBED AREAS WITHIN TXDOT ROW SHALL BE TURF ESTABLISHED (CONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE).
10. ALL CROSS-STREET RADII ARE 40 FT MINIMUM (UNLESS NOTED OTHERWISE).
11. ALL DRIVEWAY CORNER RADII ARE 40 FT MINIMUM (UNLESS NOTED OTHERWISE).
12. EXISTING AND DRIVEWAY LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE.
13. PROPOSED CULVERTS SHOWN ARE DESIGNED TO MATCH EXISTING CULVERTS. ALL CULVERTS WILL BE EVALUATED DURING THE PS&E PHASE OF THE PROJECT. IF MAINTAINING EXISTING INFRASTRUCTURE SHOULD BE EVALUATED DURING PS&E DESIGN PHASE AND/OR CONSTRUCTION.
14. SUBSEQUENT SURFACE TREATMENTS TO BE PROVIDED UPON COMPLETION OF ROSE HAVLYS AND ARE NOT TO BE FINALIZED AFTER A ROSE WORKSHOP HAS BEEN PERFORMED.
15. SEE REFERENCED OCTOBER 2025

TURN BAY LENGTH

CURVE DATA TABLE

ALIGNMENT	CURVE NAME	DELTA	RADIUS	TANGENT	LENGTH	RADIUS	PC STATION	PT STATION	PI NORTHING	PI EASTING
FM156	PI#156-C1	10°32'00.00" LT	1,910'	176.97'	351.27'	1910	157+20.00	160+71.27	7048777.00	2322540.00
	PI#156-C2	10°32'00.00" LT	1,910'	176.97'	351.27'	1910	160+71.27	164+22.55	7048755.151	2322748.593
	PI#156-C3	31°57'23.746" R	10°57'24.00"	31,297'	102.364'	3000	103+10.513	103+44.850	7048194.070	2322753.423
FM156-SBLF	PI#156-SBLF-C1	90°00'00.00" LT	10°57'24.00"	57.00'	89.59'	3000	103+44.850	104+34.44	7048194.070	2322753.423
	PI#156-SBLF-C2	90°00'00.00" LT	10°57'24.00"	57.00'	89.59'	3000	103+10.513	103+44.850	7048194.070	2322753.423
FM156-SBLF	PI#156-SBLF-C3	90°00'00.00" LT	10°57'24.00"	57.00'	89.59'	3000	103+10.513	103+44.850	7048194.070	2322753.423
FM156-SBLF	PI#156-SBLF-C4	90°00'00.00" LT	10°57'24.00"	57.00'	89.59'	3000	103+10.513	103+44.850	7048194.070	2322753.423
FM156-SBLF	PI#156-SBLF-C5	90°00'00.00" LT	10°57'24.00"	57.00'	89.59'	3000	103+10.513	103+44.850	7048194.070	2322753.423
FM156-SBLF	PI#156-SBLF-C6	90°00'00.00" LT	10°57'24.00"	57.00'	89.59'	3000	103+10.513	103+44.850	7048194.070	2322753.423

LEGEND

PROPOSED RAISEABLE MEDIAN CURB AND GUTTER
PROPOSED DRIVEWAY
PROPOSED SUP
PROPOSED PAVEMENT
PROPOSED RAISED MEDIAN
PROPOSED ASPHALT PAVEMENT
BRIDGE (ABUTMENT)
BRIDGE (BY OTHERS)
RETAINING WALL
PEDESTRIAN RAIL
BRIDGE RAIL
FLOODWAY
FLOODPLAIN SHAPE
FLOODPLAIN SW 05
STREAM
EXISTING CULVERT
PROPOSED CULVERT
PROPOSED AREA INLET
DIRECTION OF DRAINAGE
EXISTING ROW
PROPOSED ROW
EXISTING EASEMENT LINE
EXISTING PROPERTY LINE(S)
PARCEL ID
DIRECTION OF TRAVEL
EXISTING ROAD
EXISTING SIGNALIZED INTERSECTION
FUTURE LANE

SUE LEGEND:
ATMS (FIBER)
ATMS (POWER)
TRAFFIC SIGNAL
LIGHTING (FIBER)
LIGHTING (POWER)
TRAFFIC SIGNAL (FIBER)
TRAFFIC SIGNAL (POWER)
CITY OF FORT WORTH
CITY OF NORTH
CITY OF DENTON
CITY OF LEWISVILLE
UNDESIGNATED
ONCOR
CLEARY
CLEARY
AT&T
AT&T
AT&T
AT&T
FRONTIER
FRONTIER
UNITED
UNITED

QUALITY LEVELS LEGEND:
QL "A"
QL "B"
QL "C"
QL "D"

SUE SYMBOL LEGEND:
FIBER MARKER
FIBER MARKER
FIBER HANDHOLE
FIBER HANDHOLE
FIBER VAULT
FIBER VAULT
FIBER PULL BOX
FIBER PULL BOX
FIBER SPLICE VAULT
FIBER SPLICE VAULT
TELEPHONE MANHOLE
TELEPHONE MANHOLE
TELEPHONE PEDESTAL
TELEPHONE PEDESTAL
TELEPHONE MANHOLE
TELEPHONE MANHOLE
TELEPHONE PEDESTAL
TELEPHONE PEDESTAL
TELEPHONE TERMINAL
TELEPHONE VAULT
CATV MARKER
CATV MARKER
CATV HANDHOLE
CATV HANDHOLE
CATV PULL BOX
CATV PULL BOX
CATV SPLICE VAULT
CATV SPLICE VAULT
ELECTRIC MARKER
ELECTRIC MANHOLE
ELECTRIC PULL BOX
ELECTRIC VAULT
ELECTRIC TRANSFORMER
ELECTRIC TRANSFORMER
TRAFFIC SIGNAL POLE
TRAFFIC SIGNAL POLE
TRAFFIC CONTROL BOX
TRAFFIC CONTROL BOX
LIGHT POLE
LIGHT POLE
POWER POLE
POWER POLE
TRANSMISSION TOWER
TRANSMISSION TOWER LEG
GAS MARKER
GAS MARKER
GAS VALVE
GAS VALVE
GAS REGULATOR STATION
GAS METER
GAS REGULATOR STATION
GAS METER
WATER MARKER
WATER VALVE
WATER VALVE
WATER METER
WATER METER
SEWER MANHOLE
SEWER MANHOLE
STORM MANHOLE
STORM MANHOLE
STORM MANHOLE
STORM MANHOLE
TEST HOLE
TEST HOLE
2ND CAMPUS
2ND CAMPUS
UNKNOWN
UNKNOWN
UNKNOWN