Texas Department of Transportation

FM 156
DALLAS DISTRICT
SCHEMATIC - PUBLIC MEETING

FROM: SH 114
TO: NORTH OF DENTON PARKWAY

CESSION CLEARING, 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 = 4.27 MILES
FUNCTIONAL CLASSIFICATION: URBAN MINOR ARTERIAL
(DRAINAGE LEVEL)

PROJECT LOCATION MAP
DENTON COUNTY

PROJECT LENGTH	PROJECT NO.	DIST - COUNTY - CONTROL NO.	HIGHWAY NO.
3.87 MI	122448	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:

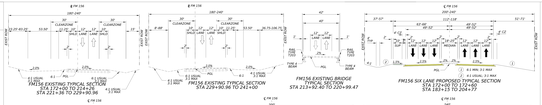
PRINCIPLES Author, PE — DATE — LICENSE NUMBER

PRELIMINARY
FOR INTERIM REVIEW ONLY - NOT FOR PERMITTING, BIDDING, OR CONSTRUCTION

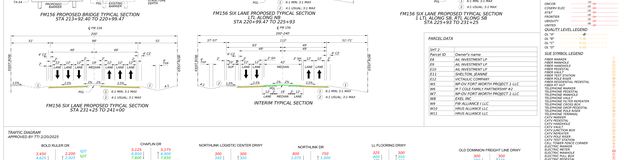
SCALE 1"=200'-0" 0 50 100 200
SCALE 1"=1'-0" 0 1" 2"

ROLL 1 OF 3

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



TRAFFIC DIAGRAM
APPROVED BY TTI 22/05/25



GENERAL NOTES

1. SCHEMATIC UTILIZES AERIAL IMAGERY OBTAINED ON 1/1/2024. SURVEYS PERFORMED BY KIMLEY-HORN DURING THE SCHEMATIC AND OBTAINED FROM PROFESSIONAL SURVEYORS DURING THE SCHEMATIC.
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. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS (PANEL 0) #48121C0440G EFF. 4/18/2011 AND #48121C0455G EFF. 4/18/2011.
5. PAVEMENT TYPICAL SECTIONS AND GEOMETRICS WERE DEVELOPED BASED ON TRAFFIC FORECASTS PROVIDED BY TTI.
6. DIMENSIONS ARE TO EDGE OF PAVEMENT OR NORMAL FACE OF CURB, UNLESS OTHERWISE NOTED. ALL CURB RADII ARE 30' UNLESS CURB SHOWN ON THIS PROJECT ARE TYPE II UNLESS OTHERWISE NOTED.
7. PAVEMENT MARKINGS SHOWN ARE INTENDED TO BE REPRESENTATIVE AND NOT NECESSARILY ALL-INCLUSIVE.
8. ESTIMATED RIGHT-OF-WAY ACQUISITION IS ABOUT 700 AC.
9. TEMPORARY EASEMENTS FOR CONSTRUCTION ACCESS, GRADING AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
10. ALL EXISTING IMPROVEMENTS WITHIN THE ROW AND ANY DAMAGES/CONSTRUCTION WILL BE REMOVED UNLESS NOTED OTHERWISE.
11. ALL CROSS-STREET RADII ARE 40 FT MINIMUM UNLESS NOTED OTHERWISE.
12. ALL DRIVEWAY CORNER RADII ARE 40 FT MINIMUM UNLESS NOTED OTHERWISE.
13. DRIVEWAY AND DRIVEWAY LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE.
14. PROPOSED CLEARTEX SHOWN ARE DESIGNED TO MATCH EXISTING CLEARTEX AS CLOSE AS POSSIBLE. ADDITIONAL CLEARTEX MAY BE AVAILABLE FOR MAINTENANCE ESTIMATE IMPLEMENTATION SHOULD BE EVALUATED DURING PHASE DESIGN PHASE AND/OR CONSTRUCTION.
15. SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED.
16. SUBSEQUENT SUBMITTALS TO BE PROVIDED UPON COMPLETION OF NOISE ANALYSIS AND WILL BE FINALIZED AFTER A NOISE WORKSHOP HELD IN DECEMBER.
17. SEE REFERENCED OCTOBER 2025

TURN BAY LENGTH

Location	Taper Length	Storage Length	Total Length
11	100	340	440
12	100	340	440
13	100	340	440
14	100	340	440

Deceleration	
30	270
40	270
45	270
50	270

CURVE DATA TABLE

ALIGNMENT	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PC STATION	PI STATION	PT STATION	R NORTHING	R EASTING
FM156	PI1(L)	0°07'49.5"	0°30'00.0"	1,200.00	2,399.97	11,459.16	2+99.97	14+99.97	26+99.94	7056855.24	2497402.857
	PI2(R)	0°07'49.5"	0°30'00.0"	1,200.00	2,399.97	11,459.16	2+99.97	14+99.97	26+99.94	7056855.24	2497402.857

ALIGNMENT	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PC STATION	PI STATION	PT STATION	R NORTHING	R EASTING
BOLD RULER	PI1(L)	11°49'49.8"	1°30'00.0"	1,200.00	2,399.97	11,459.16	2+99.97	14+99.97	26+99.94	7056855.24	2497402.857
CHAPLIN	PI2(R)	11°49'49.8"	1°30'00.0"	1,200.00	2,399.97	11,459.16	2+99.97	14+99.97	26+99.94	7056855.24	2497402.857

PARCEL DATA

Sort 2

Parcel ID	Owner's Name
158	ALL INVESTMENT LP
159	ALL INVESTMENT LP
1511	ALL INVESTMENT LP
1512	ALL INVESTMENT LP
1513	VICTALIA LC COMPANY
995	NP-DV FORT WORTH PROJECT 1 LLC
996	NP-DV FORT WORTH PROJECT 1 LLC
997	NP-DV FORT WORTH PROJECT 1 LLC
998	EXEL INC
1614	HRUB ALLIANCE LLC
1615	HRUB ALLIANCE LLC
1611	HRUB ALLIANCE LLC

LEGEND

- PROPOSED RAISEABE
- PROPOSED MEDIAN BARRIER
- PROPOSED DRIVEWAY
- PROPOSED SUP
- PROPOSED SIDEWALK
- PROPOSED RAISED MEDIAN
- PROPOSED ASPHALT TREATMENT
- PROPOSED CURB
- BRIDGE RAIL (TYPE C411)
- PEDESTRIAN RAIL
- PROPOSED ROW
- FLOODWAY
- FLOODPLAIN WIDTH
- FLOODPLAIN 100 YR
- STREAM
- EXISTING CULVERT
- EXISTING EASEMENT
- EXISTING EASEMENT LINE
- PROPERTY LINE (WITH PROPERTY LINES)
- PARCEL ID
- DIRECTION OF TRAVEL
- EXISTING ROW
- EXISTING UNCLASSIFIED INTERSECTION
- FUTURE LANE

SUE LEGEND

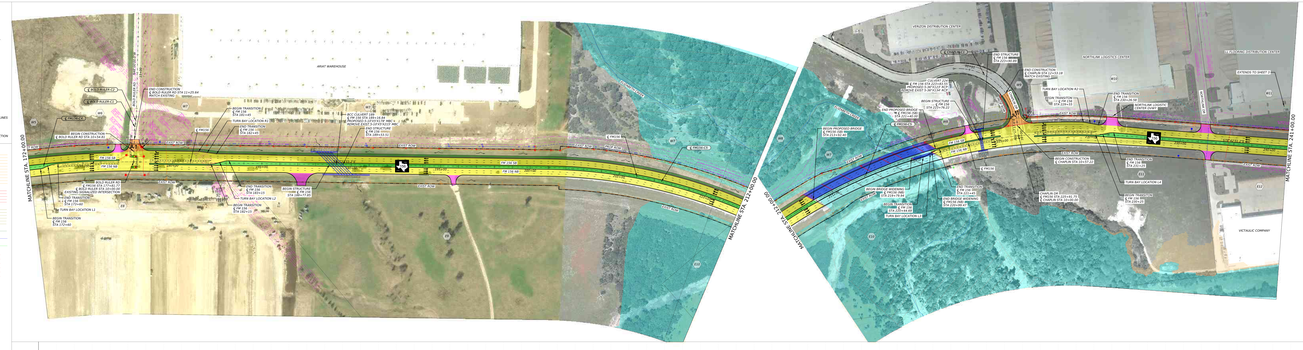
- ATMOS (GAS)
- ATMOS (GAS) ABANDONED
- ATMOS (GAS) PROPOSED
- ATMOS (GAS) RETIRED
- CENTURYLINK (COMM)
- CENTURYLINK (COMM) ABANDONED
- CENTURYLINK (COMM) PROPOSED
- CENTURYLINK (COMM) RETIRED
- CHARTER (COMM)
- CHARTER (COMM) ABANDONED
- CHARTER (COMM) PROPOSED
- CHARTER (COMM) RETIRED
- CITY OF DENTON (ELEC)
- CITY OF DENTON (ELEC) ABANDONED
- CITY OF DENTON (ELEC) PROPOSED
- CITY OF DENTON (ELEC) RETIRED
- CITY OF NORTH TEXAS (COMM)
- CITY OF NORTH TEXAS (COMM) ABANDONED
- CITY OF NORTH TEXAS (COMM) PROPOSED
- CITY OF NORTH TEXAS (COMM) RETIRED
- ONCOR (ELEC)
- ONCOR (ELEC) ABANDONED
- ONCOR (ELEC) PROPOSED
- ONCOR (ELEC) RETIRED
- ATMOS (GAS) BARRETT
- ATMOS (GAS) CAID & ITS
- ATMOS (GAS) ENERGY TRANSFER
- ATMOS (GAS) TEXAS
- CITY OF FT WORTH
- CITY OF FT WORTH ABANDONED
- CITY OF FT WORTH PROPOSED
- CITY OF FT WORTH RETIRED
- ONCOR (ELEC) EXISTING
- ONCOR
- CENTURYLINK
- ATMOS
- CHARTER
- CITY OF DENTON
- FRONTIER
- UNKNOWN
- UNITED

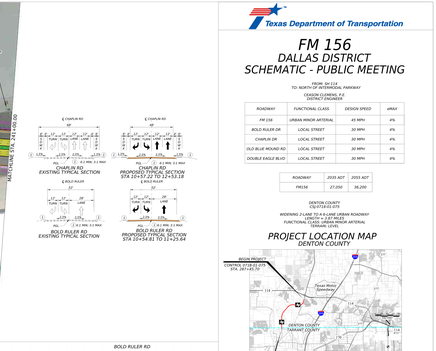
QUALITY LEVELS LEGEND

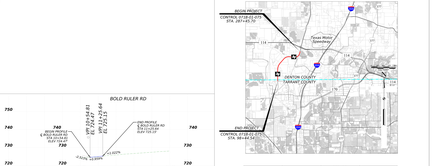
- QL "A"
- QL "B"
- QL "C"
- QL "D"

SUE SYMBOL LEGEND

- FIBER MARKER
- FIBER ABANDONED
- FIBER PROPOSED
- FIBER VAULT
- FIBER VAULT PROPOSED
- FIBER VAULT PROPOSED, EXISTING
- FIBER PIT TOP
- FIBER PIT TOP MARKER
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- TELEPHONE PROP. GENERATOR
- TELEPHONE PROP. MANHOLE
- TELEPHONE PROP. PEDESTAL
- TELEPHONE TERMINAL
- CATV MARKER
- CATV MARKER ABANDONED
- CATV VAULT
- CATV VAULT PROPOSED
- CATV BOX PROPOSED
- CATV BOX RETIRED
- CATV TOWER CONTAINER
- ELECTRIC MARKER
- ELECTRIC MANHOLE
- ELECTRIC POLE BOX
- ELECTRIC POLE BOX PROP.
- ELECTRIC TRANSFORMER
- TRAFFIC SIGNAL MARKER
- TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL POLE PROPOSED
- TRAFFIC SIGNAL CONTROL BOX
- LIGHT POLE
- LIGHT POLE PROPOSED
- POWER POLE
- POWER POLE ANCHOR
- TRANSMISSION TOWER LEG
- GAS MARKER
- GAS MANHOLE
- GAS VALVE
- GAS TEST STATION
- GAS VENT PIPE
- GAS WELL
- GAS REGULATOR STATION
- SEWER MARKER
- SEWER MANHOLE
- SEWER MANHOLE PROPOSED
- WATER MARKER
- WATER METER
- WATER VALVE
- SEWER MARKER
- SEWER MANHOLE
- SEWER MANHOLE PROPOSED
- STORM MANHOLE
- STORM MANHOLE PROPOSED
- SPRINKLER
- SPRINKLER TEST HOLE
- END CAP/CAP
- HYDRANT
- HYDRANT PROPOSED







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