TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
DAVID W. GUICE JR., P.E., DISTRICT ENGINEER

PUBLIC MEETING DISPLAY
CONCEPTUAL DESIGN SCHEMATIC
I-20 ARLINGTON-GRAND PRAIRIE CORRIDOR STUDY
GENERAL PURPOSE LANES WITH CD
CSJS: 2374-05-084, 2374-04-083
TARRANT & DALLAS COUNTIES, TEXAS

MAY 16, 2024 ROLL: 3 OF 4

ROADWAY NAME	STUDY LIMITS	STUDY LENGTH
	CSJ: 2374-05-084	
I-20	FROM US 287 TO I-30	10.35 MI
SH360	FROM E ARKANSAS LANE TO E DUBLIN ST	3.23 MI
	CSJ: 2374-04-083	
I-20	FROM TARRANT COUNTY LINE TO WESTERN PKWY	1.14 MI
SH161	FROM MAYFIELD RD TO PARKER RD	0.31 MI
	TOTAL	15.03 MI

ROADWAY NAME	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
I-20	URBAN INTERSTATE	70 MPH
DIRECT CONNECTORS	URBAN RAMP	30 MPH
SH360	URBAN PRINCIPAL ARTERIAL	40 MPH
SH161	URBAN PRINCIPAL ARTERIAL	35 MPH
FRONTAGE ROADS	URBAN MAJOR COLLECTOR	30 MPH
EXTRANEOUS RAMPS	URBAN PRINCIPAL ARTERIAL	40 MPH
CROSS STREETS	URBAN PRINCIPAL ARTERIAL	35-40 MPH
CROSS STREETS	URBAN MINOR COLLECTOR	30-35 MPH
TURNAROUND	URBAN COLLECTOR	20 MPH

TRAFFIC DATA (I-20)

ADT (2030) = 206,700	% TRUCK ADT: 7.1% % TRUCK DHV: 3.2%
AADT (2045) = 229,000	AVM: 1.7
AADT (2060) = 269,400	DD: 54.41

TRAFFIC DATA (SH360)

ADT (2030) = 134,700	% TRUCK ADT: 5.0% % TRUCK DHV: 3.0%
ADT (2045) = 979,000	AVM/CDM: 7.7
ADT (2060) = 106,300	DD: 55.45

TRAFFIC DATA (SH161)

ADT (2030) = 116,100	% TRUCK ADT: 5.0% % TRUCK DHV: 5.0%
ADT (2045) = 176,000	AVM/CDM: 7.7
ADT (2060) = 202,000	DD: 59.45

SOURCE: TRADS TRANSPORTATION PROGRAMMING AND PLANNING DATA (TPPD) 2 DATA DELIVERY FOR DALLAS DISTRICT, TRANSPORTATION PLANNING DIVISION, MAY 2023 AND RTI CORRIDOR ANALYSIS FACT DATA SHEETS (MAY 2, 2023)

NOTES:
1. EXISTING TOPOGRAPHY, RIGHT OF WAY, UTILITIES, AND BUILDING DATA WAS OBTAINED FROM DALLAS COUNTY GIS DATA AND TARRANT COUNTY GIS DATA (MAY 2023).
2. FHWA IMAGERY/FHWA PRIMARY EXHIBIT (HR).
3. EXISTING RIGHT OF WAY WAS ESTIMATED FROM THE PARCEL FACE OF CURB (TPC) DIMENSION FOR THE I-20 AS PER DALLAS CYCLEMAPS.
4. ALL DIMENSIONS ARE FROM TPC UNLESS NOTED.
5. EXISTING PAVEMENT AS WELL AS PROPOSED PAVEMENT DERIVED FROM PRELIMINARY SURVEY DRAWINGS (MAY 2023).
6. EXISTING PARCEL, LINES AND OWNERSHIP INFORMATION DERIVED FROM TARRANT COUNTY GIS DATA AND DALLAS COUNTY GIS DATA (MAY 2023). PARCEL LINES ARE APPROXIMATE.
7. EXISTING CONTROL POINTS, PROPERTY CORNERS, BENCHMARKS, AND OTHER SURVEY DATA WAS OBTAINED FROM TARRANT COUNTY GIS DATA AND DALLAS COUNTY GIS DATA (MAY 2023).
8. CONTOUR DATA, RETAINING WALLS, BRIDGE DECK LINES, SIGN DATA, SIGNAL DATA AND NOT SHOWN ON THE PLAN VIEW DRAWINGS (MAY 2023).
9. THE PROPOSED PAVEMENT DESIGN SHOWN IS BASED ON THE PRELIMINARY DESIGN DATA FOR THE I-20 AS PER DALLAS CYCLEMAPS. THE FUTURE DESIGN WILL BE FURTHER REFINED TO THE DESIGN SHOWN IN THE FINAL DESIGN PHASE. THE FUTURE DESIGN WILL BE FURTHER REFINED TO THE DESIGN SHOWN IN THE FINAL DESIGN PHASE.
10. EXISTING AS BUILT SIGNS WERE NOT DETERMINED AS CONTAINING ADVERTISEMENTS FOR THE PROPERTY OWNERSHIP TABLE. THE FUTURE DESIGN WILL BE FURTHER REFINED TO THE DESIGN SHOWN IN THE FINAL DESIGN PHASE. THE FUTURE DESIGN WILL BE FURTHER REFINED TO THE DESIGN SHOWN IN THE FINAL DESIGN PHASE.
11. THE PROPOSED PAVEMENT DESIGN SHOWN IS BASED ON THE PRELIMINARY DESIGN DATA FOR THE I-20 AS PER DALLAS CYCLEMAPS. THE FUTURE DESIGN WILL BE FURTHER REFINED TO THE DESIGN SHOWN IN THE FINAL DESIGN PHASE. THE FUTURE DESIGN WILL BE FURTHER REFINED TO THE DESIGN SHOWN IN THE FINAL DESIGN PHASE.
12. THE PROPOSED PAVEMENT DESIGN SHOWN IS BASED ON THE PRELIMINARY DESIGN DATA FOR THE I-20 AS PER DALLAS CYCLEMAPS. THE FUTURE DESIGN WILL BE FURTHER REFINED TO THE DESIGN SHOWN IN THE FINAL DESIGN PHASE. THE FUTURE DESIGN WILL BE FURTHER REFINED TO THE DESIGN SHOWN IN THE FINAL DESIGN PHASE.

LEGEND

GENERAL PURPOSE LANES
FRONTAGE ROADS/CROSS STREET
RAILROAD
EXISTING PATH
LANE LINES
PROPOSED BRIDGE
PROPOSED CONTROL OF ACCESS
COLLECTOR DISTRIBUTORS
PAVEMENT REMOVAL
PROPOSED CURB
EXISTING STREETS TO REMAIN
OTHER TRAFFIC PROJECT
CITY OF ARLINGTON PROJECTS
CITY OF ARLINGTON STREET NAME
TARRANT COUNTY STREET NAME
LOCAL CITY STREETS
COUNTY LINE LINE
CITY LIMIT LINE
E 20 EXISTING RIGHT OF WAY (R.O.W.)
P 20 PROPOSED RIGHT OF WAY (R.O.W.)
PARCEL BOUNDARIES
ENGINEERING
EXISTING CONTROL OF ACCESS
PROPOSED CONTROL OF ACCESS
EXISTING EXISTING CONTROL OF ACCESS
EXISTING PROPOSED CONTROL OF ACCESS
EXISTING TRAFFIC SIGNS
PROPOSED LANE DIRECTION
EXISTING LANE DIRECTION
NUMBER OF LANES
TARRANT COUNTY PARCEL ID
DALLAS COUNTY PARCEL ID
PROPOSED TRAFFIC SIGNS

ROLL 3 OF 4

PRE CONSTRUCTION
I-20: 374 - 87+00.00 (MM: 31.5) - 374-05-084
I-20 EB: 374 - 87+00.00 (MM: 31.5) - 374-05-084
I-20 WB: 374 - 87+00.00 (MM: 31.5) - 374-05-084
SH360: 374 - 0+00.00 (MM: 0.0) - 374-05-084
SH161: 374 - 0+00.00 (MM: 0.0) - 374-05-084

PRE CONSTRUCTION
I-20: 374 - 279+00.00 (MM: 34.0) - 374-04-083
I-20 EB: 374 - 279+00.00 (MM: 34.0) - 374-04-083
I-20 WB: 374 - 279+00.00 (MM: 34.0) - 374-04-083
SH161: 374 - 0+00.00 (MM: 0.0) - 374-04-083

AECOM
13355 NOEL RD, STE 1100
DALLAS, TX 75240
972-777-4600

DISTRICT: TYAR-FORTH
COUNTIES: TARRANT & DALLAS
CONTROL NO. 2374-05-084

PUBLIC MEETING DISPLAY
CONCEPTUAL DESIGN SCHEMATIC
I-20 ARLINGTON-GRAND PRAIRIE CORRIDOR STUDY
GENERAL PURPOSE LANES WITH CD

These Preliminary Documents Are To Be Released For Information Purposes Only In Accordance With Department Policy.
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BRIAN W. HERNANDEZ, P.E. — DESIGNED
DATE — PE LICENSE NO.
CHARLES E. BENNETT — REVIEWED
DATE — PE LICENSE NO.

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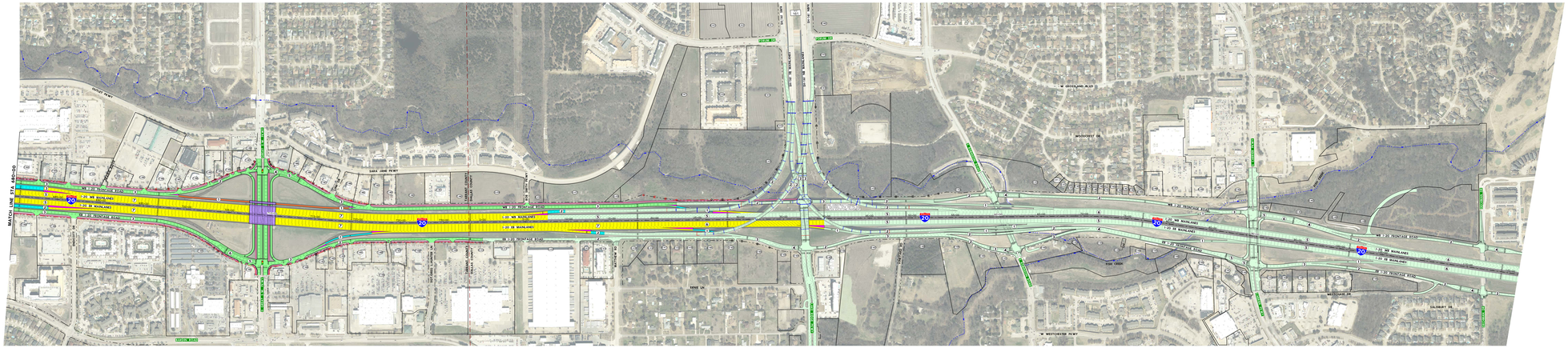
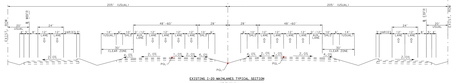
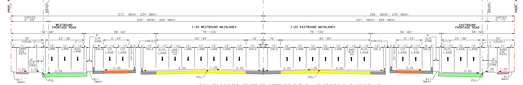
PRELIMINARY
SUBJECT TO CHANGE







- ROADWAY TO CLEAR ZONE REQUIRED FOR OUTSIDE EDGE OF TRAVEL LANES WITHOUT RAMP AND AUXILIARY LANE.
- ROADWAY TO CLEAR ZONE REQUIRED FOR OUTSIDE EDGE OF TRAVEL LANES WITH RAMP AND AUXILIARY LANE.
- AN AUXILIARY LANE OVER 1MILE IN LENGTH IS CONSIDERED A LANE.

PROPOSED I-20 MAINLANES TYPICAL SECTION
GENERAL PURPOSE LANES WITH COLLECTOR DISTRIBUTORS AND AUXILIARY LANES
NOT TO SCALE

PROPERTY OWNERSHIP TABLE

Parcel ID	Property Owner
1-001	Texas Department of Transportation
1-002	Texas Department of Transportation
1-003	Texas Department of Transportation
1-004	Texas Department of Transportation
1-005	Texas Department of Transportation