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

PUBLIC MEETING DISPLAY
CONCEPTUAL DESIGN SCHEMATIC
I-20 ARLINGTON-GRAND PRAIRIE CORRIDOR STUDY
CONCURRENT EXPRESS LANES (5-2-2-5)
CSJS: 2374-05-084, 2374-04-083
TARRANT & DALLAS COUNTIES, TEXAS

MAY 16, 2024 — ROLL: 2 OF 4

ROADWAY NAME	STUDY LIMITS	STUDY LENGTH
CSJ: 2374-05-084:		
I-20	FROM US 287 TO W. FORK TRINITY RIVER	10.35 MI
SH360	FROM E. ARKANSAS LANE TO E. KUBLER RD	3.23 MI
CSJ: 2374-04-083:		
I-20	FROM TARRANT COUNTY LINE TO CAMPBELL FWY	1.14 MI
SH161	FROM NORTH OF I-20 TO NORTH OF I-20	0.81 MI
	TOTAL	15.53 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 EXIT RAMPS	URBAN PRINCIPAL ARTERIAL	40 MPH
CROSS STREETS	URBAN PRINCIPAL ARTERIAL	30-40 MPH
CROSS STREETS	URBAN MINOR COLLECTOR	30-40 MPH
TURNAROUND	URBAN COLLECTOR	20 MPH

TRAFFIC DATA (5-2B):

ADT (2055) = 206,700	% TRUCK ADT: 7.1%, % TRUCK DHV: 3.2%
AADT (2055) = 206,700	K-FACTOR: 7.7
AADT (2055) = 200,400	DD: 58.41

TRAFFIC DATA (SH360):

AADT (2055) = 234,700	% TRUCK ADT: 5.9%, % TRUCK DHV: 3.6%
AADT (2055) = 679,000	K-FACTOR: 7.7
AADT (2055) = 636,300	DD: 58.41

TRAFFIC DATA (SH161):

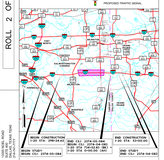
AADT (2055) = 118,100	% TRUCK ADT: 5.0%, % TRUCK DHV: 5.0%
AADT (2055) = 176,000	K-FACTOR: 7.7
AADT (2055) = 200,000	DD: 58.41

SOURCE: TRADS 2045 REGIONAL DEMAND MODEL (RDM) FORECASTS FOR I-20 CORRIDOR (VERSION 2.1) AND SH 161 CORRIDOR ARAND PRO TRADS FORECASTS (MAY 2023)

NOTES:
1. EXISTING TOPOGRAPHY, RIGHT OF WAY, UTILITIES, AND ALIGNMENTS SHOWN ARE BASED ON DATA PROVIDED BY TXDOT, AERIAL PHOTOGRAPHY, AND FIELD VERIFICATIONS.
2. FHL INDICATES PRIVATE GARAGE LINE.
3. EXISTING RIGHT OF WAY LINES ARE SHOWN AT THE FORWARD FACE OF CURB, RAIL, BARRIER OR WALL, UNLESS OTHERWISE NOTED.
4. PROPOSED RIGHT OF WAY LINES ARE ESTIMATED OR HAVE BEEN PROVIDED BY DRAFT ORIGINAL RIGHT OF WAY MAPS.
5. EXISTING PARCEL LINES AND OWNERSHIP INFORMATION HAVE BEEN TAKEN FROM TARRANT COUNTY AND DALLAS COUNTY ON-LINE GIS DATA AND ARE APPROXIMATE AND FOR INFORMATION ONLY.
6. EXISTING UTILITIES HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
7. CONTRACTOR TEMPORARY TEMPORARY DRAINAGE, DRAINAGE FACILITIES, RAMP WORK AND RAMP WORK NOT SHOWN ON THE PLAN VIEW MAY BE REQUIRED DURING CONSTRUCTION.
8. THE PROPOSED PAVEMENT MARKINGS SHOWN ARE BASED ON THE PRELIMINARY DESIGN. THE FINAL PAVEMENT MARKINGS WILL BE DETERMINED DURING THE FINAL DESIGN PHASE.
9. EXISTING UE, ELEVATED WIRES AND OR POWERPOLES ARE NOT SHOWN ON THE PRELIMINARY DESIGN PLAN VIEWS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ALL UTILITIES AND ELEVATED WIRES AND OR POWERPOLES AS NECESSARY DURING THE CONSTRUCTION PHASE.
10. THE PROPOSED DESIGN HAS BEEN DEVELOPED TO MINIMIZE RIGHT OF WAY REQUIREMENTS. ADDITIONAL RIGHT OF WAY MAY BE REQUIRED DURING THE FINAL DESIGN PHASE.

LEGEND:
GENERAL PURPOSE LANES
EXPRESS CONCURRENT STREET
SHOULDER
CURB AND GUTTER
CURB AREA
PROPOSED BRIDGE
PROPOSED TRAFFIC BARRIERS
COLLECTOR DISTRIBUTORS
EXPRESS LANES
EXISTING BRIDGE
PAVEMENT BRIDGE
EXISTING STREETS TO REMAIN
PROPOSED STREETS
PROPOSED SIDEWALKS
CITY OF ARLINGTON STREET NAME
CITY OF GRAND PRAIRIE STREET NAME
DALLAS COUNTY STREETS
COUNTY LINE
CITY LIMIT LINE
EXISTING RIGHT OF WAY (R.O.W.)
PROPOSED RIGHT OF WAY (R.O.W.)
PARCEL BOUNDARIES
PROPOSED TRAFFIC BARRIER
EXISTING CONTROL OF ACCESS
PROPOSED CONTROL OF ACCESS
EXISTING CONTROL OF ACCESS
PROPOSED CONTROLLED ACCESS
EXISTING BRIDGE BENTS
PROPOSED BRIDGE BENTS
EXISTING LANE DIRECTION
NUMBER OF LANES
DALLAS COUNTY PARCEL ID
TARRANT COUNTY PARCEL ID
PROPOSED TRAFFIC SIGNAL

ROLL 2 OF 4



PRE-CONSTRUCTION
I-20: 374 - 2TR-04-AZ
SH161: 374 - 2TR-04-AZ
POST-CONSTRUCTION
I-20: 374 - 5TR-04-AZ
SH161: 374 - 5TR-04-AZ
NEW STUFF
SH360: CSJ: 2374-05-084
NEW STUFF
I-20: CSJ: 2374-04-083

PROJECT LOCATION MAP / VICINIMAP

These Preliminary Documents Are To Be Released For Information Purposes Only and Not Intended For Bidding or Construction.
They Were Prepared For The Texas Department of Transportation Under the Supervision of:

BRIAN M. HERNANDEZ — PE LICENSE — DATE
CHARLES E. BENNETT — PE LICENSE — DATE

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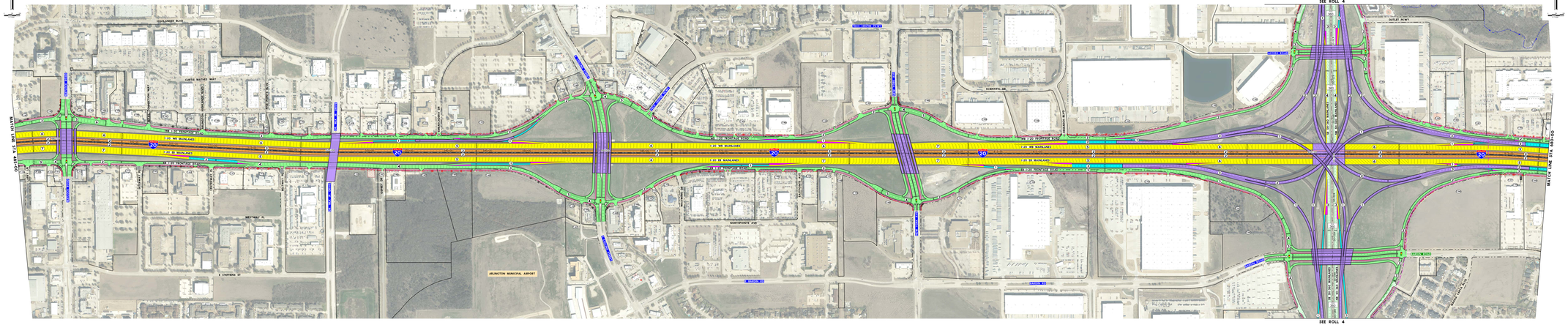
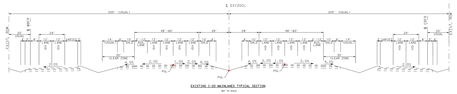
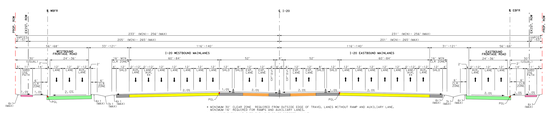
DISTRICT: TARRANT
AREA: ARLINGTON, GRAND PRAIRIE, DALLAS
CONTROL NO. 2374-05-084
CONTROL NO. 2374-04-083

PUBLIC MEETING DISPLAY
CONCEPTUAL DESIGN SCHEMATIC
I-20 ARLINGTON-GRAND PRAIRIE CORRIDOR STUDY







PRELIMINARY
SUBJECT TO CHANGE

PROPERTY OWNERSHIP TABLE

MAP ID	OWNER
1	BRIDGEPOINT CTR
2	BRIDGEPOINT CTR
3	BRIDGEPOINT CTR
4	BRIDGEPOINT CTR
5	BRIDGEPOINT CTR
6	BRIDGEPOINT CTR
7	BRIDGEPOINT CTR
8	BRIDGEPOINT CTR
9	COMMONWEALTH OF PENNSYLVANIA
10	COMMONWEALTH OF PENNSYLVANIA
11	COMMONWEALTH OF PENNSYLVANIA
12	COMMONWEALTH OF PENNSYLVANIA
13	COMMONWEALTH OF PENNSYLVANIA