TEXAS DEPARTMENT OF TRANSPORTATION
DALLAS DISTRICT
WILLIAM HALE, P.E. – DISTRICT ENGINEER

CONCEPTUAL TOLL PLAN
SH 121
COLLIN COUNTY

SH 121: FROM DALLAS NORTH TOLLWAY TO US 75

CSJs:

0364-04-022	0364-04-024	0364-04-037
0364-04-040	0364-04-043	0364-04-046

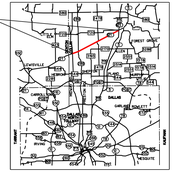
PROJECT LENGTH = 12.5 MILES

DESIGN SPEED

MAIN LANES – 70 MPH – BASED ON URBAN INTERSTATE FREEWAY
RAMPS – 50 MPH – BASED ON MID RANGE
DIRECT CONNECTORS – 50 MPH – BASED ON MID RANGE
FRONTAGE ROADS – 45 MPH
CROSS STREETS – 45 MPH (30 MPH WHERE NOTED)

HIGHWAY CLASSIFICATION
URBAN FREEWAY

PROJECT LOCATION
FROM DALLAS NORTH TOLLWAY
TO US 75



COLLIN COUNTY
SCALE: 0 2 4 6 8 MILES
DALLAS DISTRICT

REVIEWED BY HNTB:
CHRISTOPHER M. BERGERON, P.E.

SERIAL NO. 72895
DATE: MAY 2007

DATE APPROVED

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

DATE SUBMITTED

DATE REVISED

TABLE OF CONTENTS:

	ROLL
PLANPROFILE	1–7
TRAFFIC VOLUMES	1–7
LARGE SIGNS	1–7

HORIZONTAL: 0 200 400
VERTICAL: 0 20 40
SCALE IN FEET

MAY 2007

ROLL 1 OF 7

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HNTB Corporation
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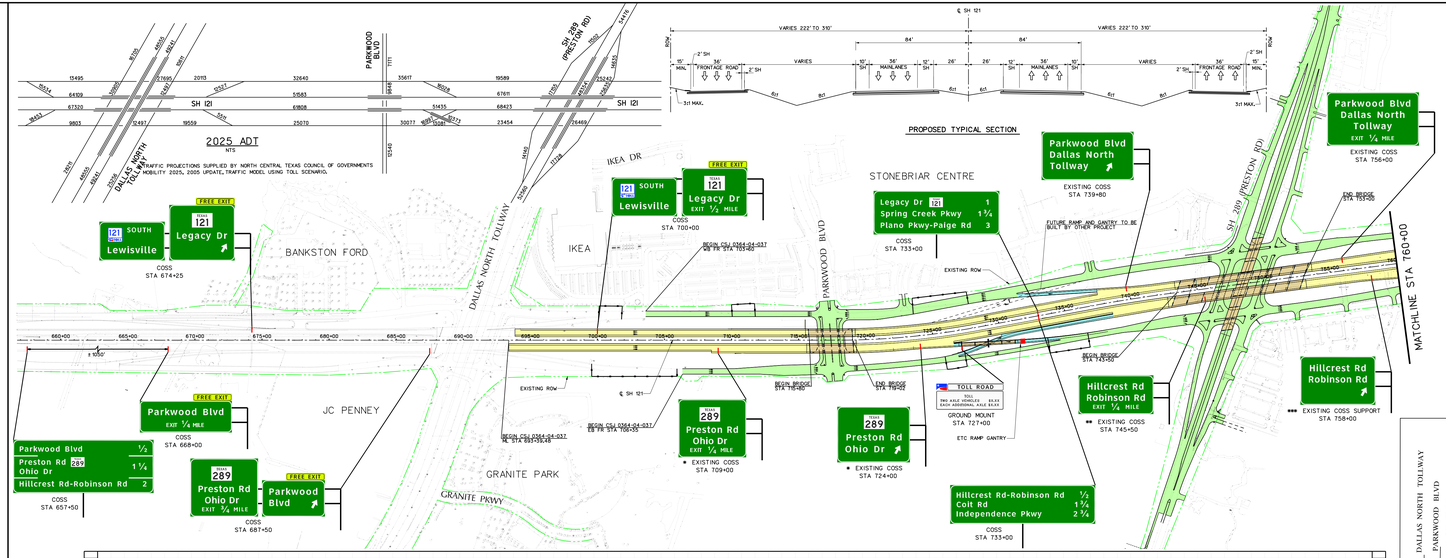
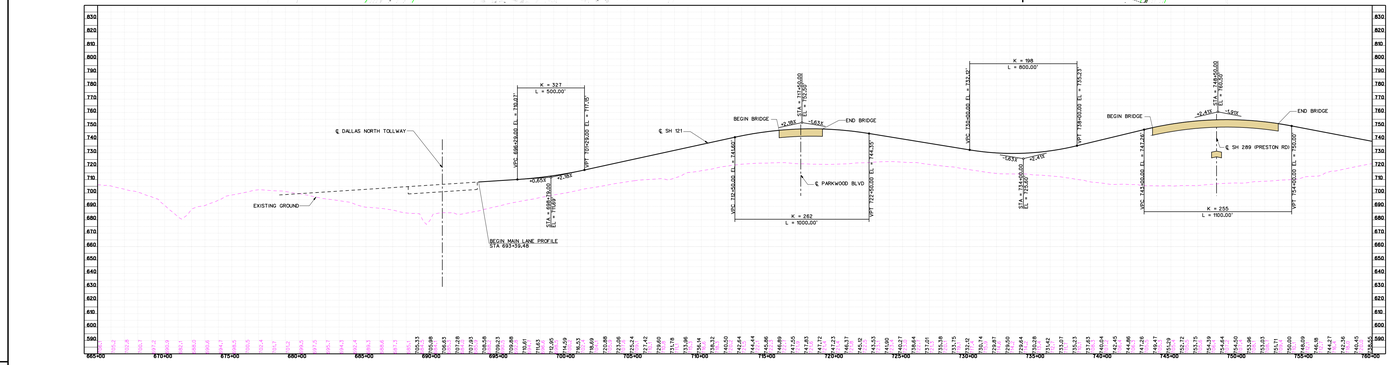
Engineers Architects Planners





DRAFT

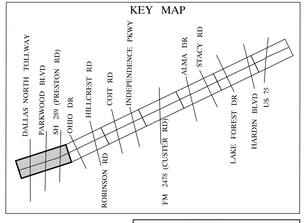
THESE ARE PRELIMINARY DESIGN CONCEPTS

Subject to change based on further developments resulting from public input and technical review.

OVERHEAD SIGN PANEL NOTES:

- ● EXISTING SIGN FROM FINAL PS&E DOCUMENT.
- ●● SIGN REPLACED FROM FINAL PS&E DOCUMENT.
- ●●● CANTILEVER STRUCTURE AND SIGN TO EXISTING DRILLED SHAFT SUPPORT FROM FINAL PS&E DOCUMENT.

KEY MAP



LEGEND

- Main Lane
- Direct Connector
- Frontage Road/Cross Street
- Ramp
- Bridge Structure
- Existing ROW
- Proposed Centerline
- Control of Access
- Proposed Sound Barrier

NOTES:

(1) DESIGN BASED ON NAD83 COORDINATES.

(2) MAIN LANE HORIZONTAL AND VERTICAL DESIGN PROVIDED BY OTHERS.

(3) GANTRY LOCATIONS BASED ON TOLL TRAFFIC AND REVENUE STUDY BY WILBUR SMITH ASSOCIATES.

(4) ALL STATIONS ARE REFERENCED TO CENTERLINE SH 121 UNLESS NOTED OTHERWISE.

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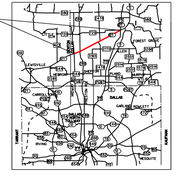

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