

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

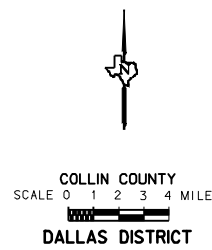
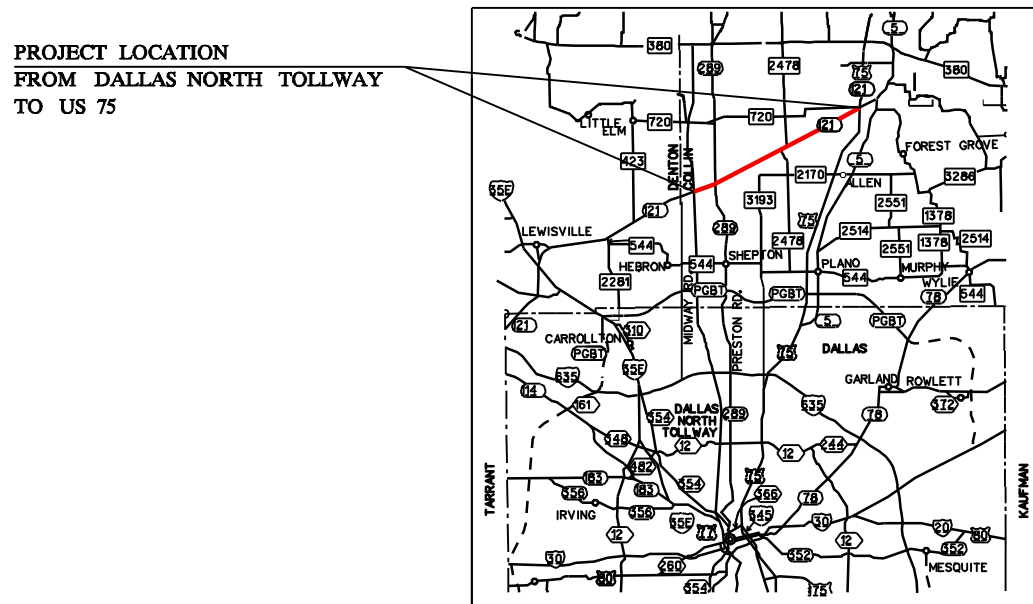
CSJs:
0364-04-022 0364-04-024 0364-04-037
0364-04-040 0364-04-043 0364-04-046

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



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

SERIAL NO. 72895
DATE: FEBRUARY 2007

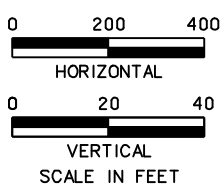
DATE APPROVED

NOT INTENDED FOR
CONSTRUCTION, BIDDING
OR PERMIT PURPOSES.

DATE SUBMITTED

DATE REVISED

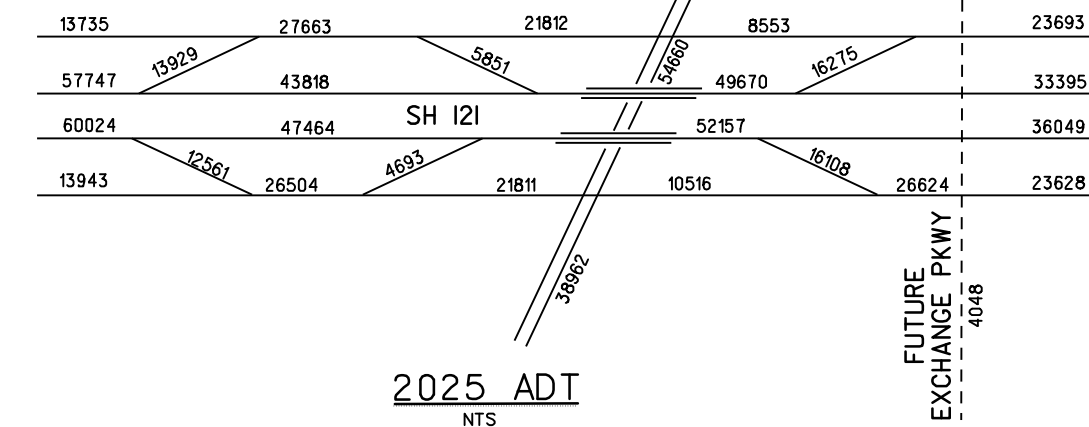
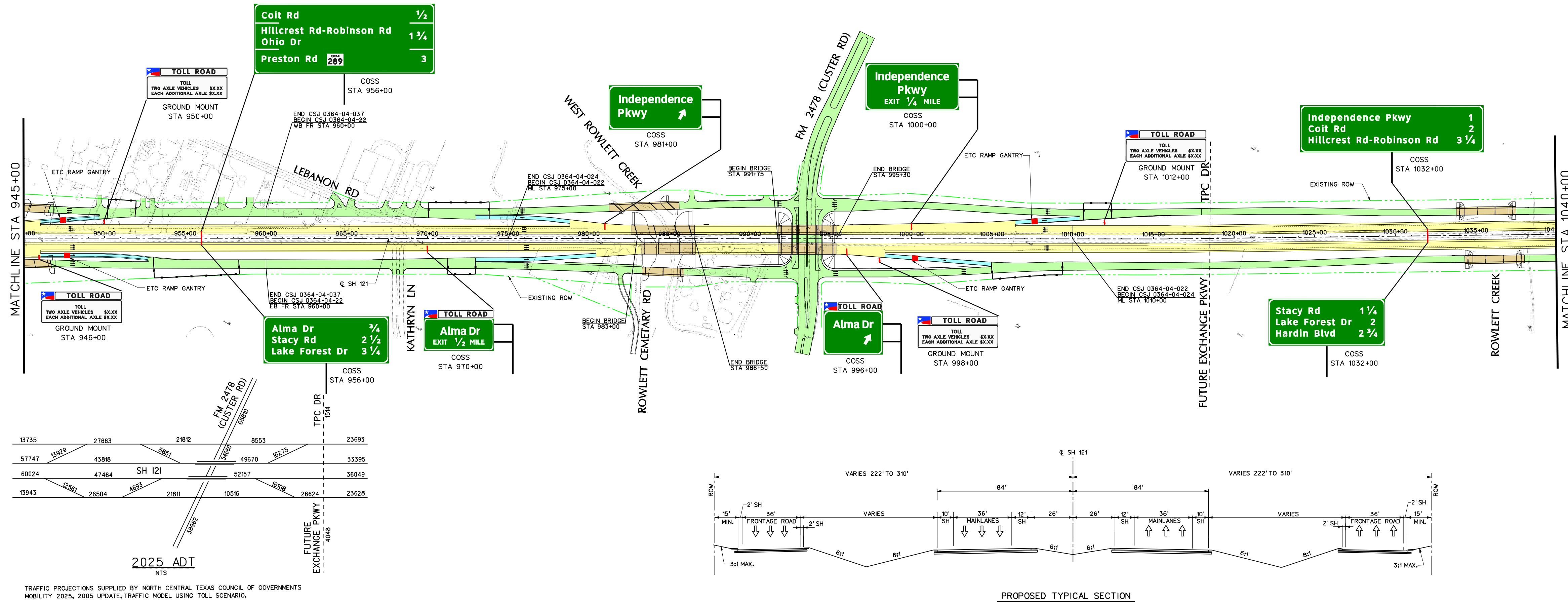
TABLE OF CONTENTS: ROLL
PLAN/PROFILE 1-7
TRAFFIC VOLUMES 1-7
LARGE SIGNS 1-7



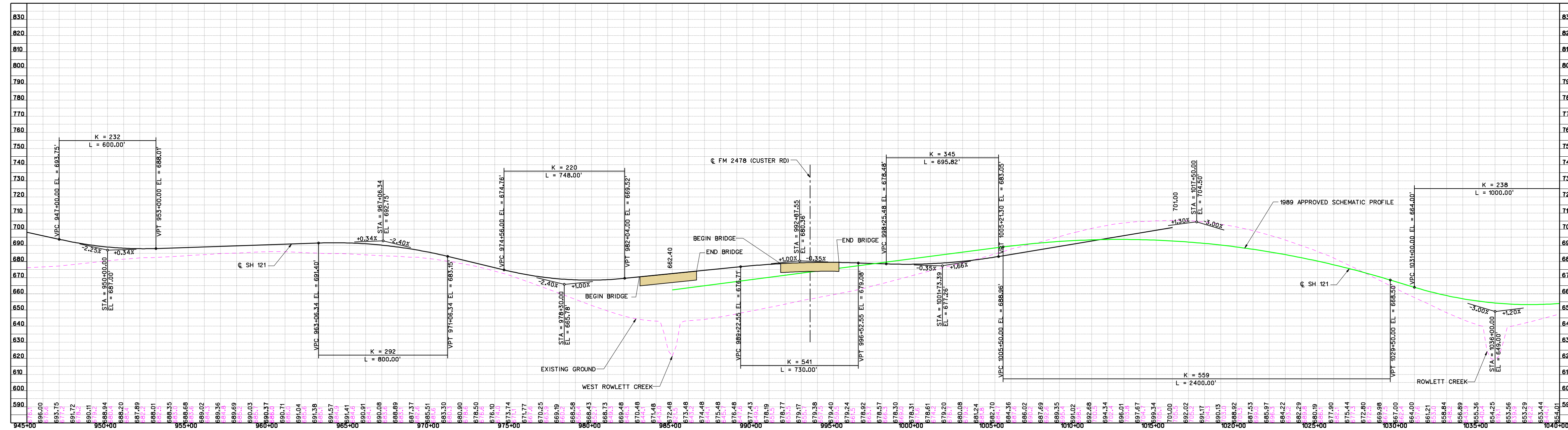
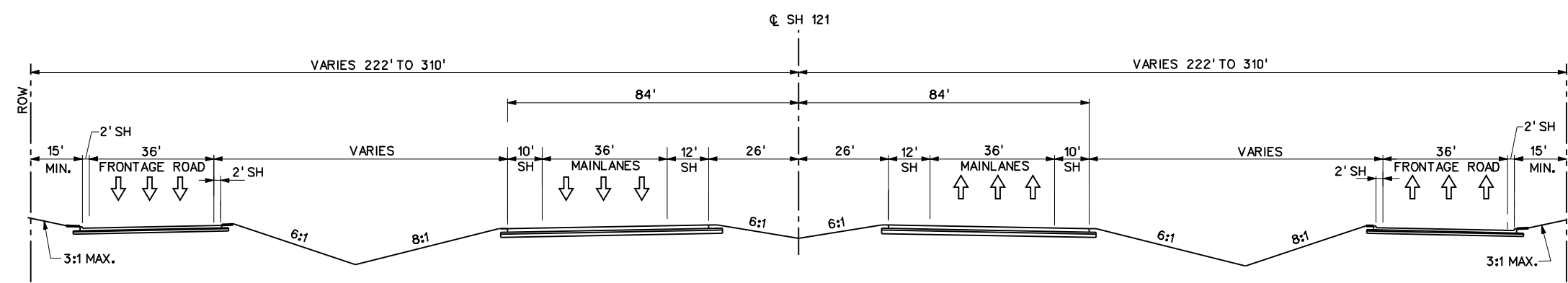
FEBRUARY 2007

ROLL 4 OF 7

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TRAFFIC PROJECTIONS SUPPLIED BY NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS
MOBILITY 2005, 2005 UPDATE, TRAFFIC MODEL USING TOLL SCENARIO.



DRAFT
THESE ARE PRELIMINARY DESIGN CONCEPTS
Subject to change based on further developments
resulting from public input and technical review.



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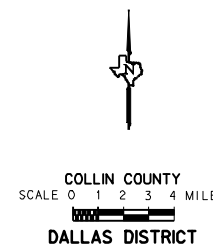
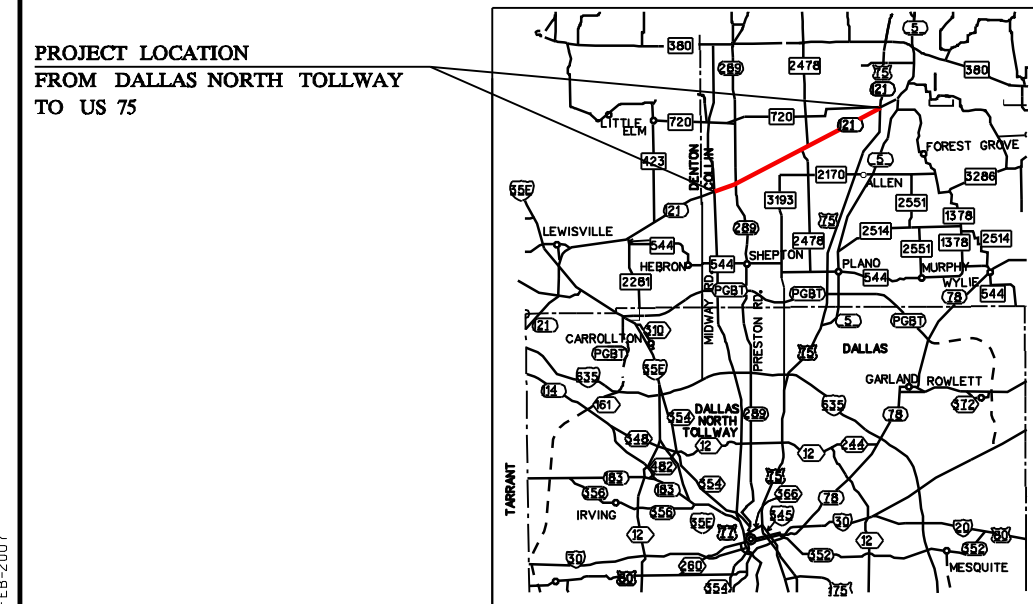
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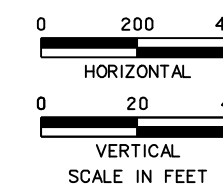
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ROLL 4 OF 7

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- 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.