COLLIN COUNTY TOLL ROAD AUTHORITY

CLARENCE T. DAUGHERTY, P.E. - DIRECTOR OF ENGINEERING

CONCEPT PLAN

US 75/COLLIN COUNTY OUTER LOOP

US 75: FROM 0.25 MILES NORTH OF MELISSA RD TO 0.21 MILES SOUTH OF FM 455

COLLIN COUNTY OUTER LOOP: FROM 0.73 MILES WEST OF US 75 TO 0.86 MILES EAST OF US 75

PROJECT LENGTH - 6.23 MILES

ROADWAY TYPE	DESIGN SPEED
MAINLANES	60/70 MPH
SLIP RAMPS	40/50 MPH
DIRECT CONNECTORS	40/50 MPH
FRONTAGE ROADS	40 MPH

HIGHWAY CLASSIFICATION

URBAN FREEWAY

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

PRELIMINARY SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS AND DETAILED TECHNICAL REVIEW.

DATE: SEPTEMBER 8, 2015

PREPARED BY HNTB

UNDER THE DIRECTION OF:

RUSSELL K. COMER, P.E.

SERIAL NO. 91108

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	ROLL
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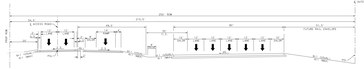
ROLL 1 OF 4

HNTB Corporation
The HNTB Companies
Engineers. Architects. Partners.

Collin County Texas


SH 121
FRONTAGE ROAD
FRONTAGE ROAD
SH 121
EXISTING ROW
EXISTING ROW
EXISTING ROW

COLLIN COUNTY TOLL ROAD AUTHORITY

CLARENCE T. DAUGHERTY, P.E. - DIRECTOR OF ENGINEERING

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HNTB Corporation
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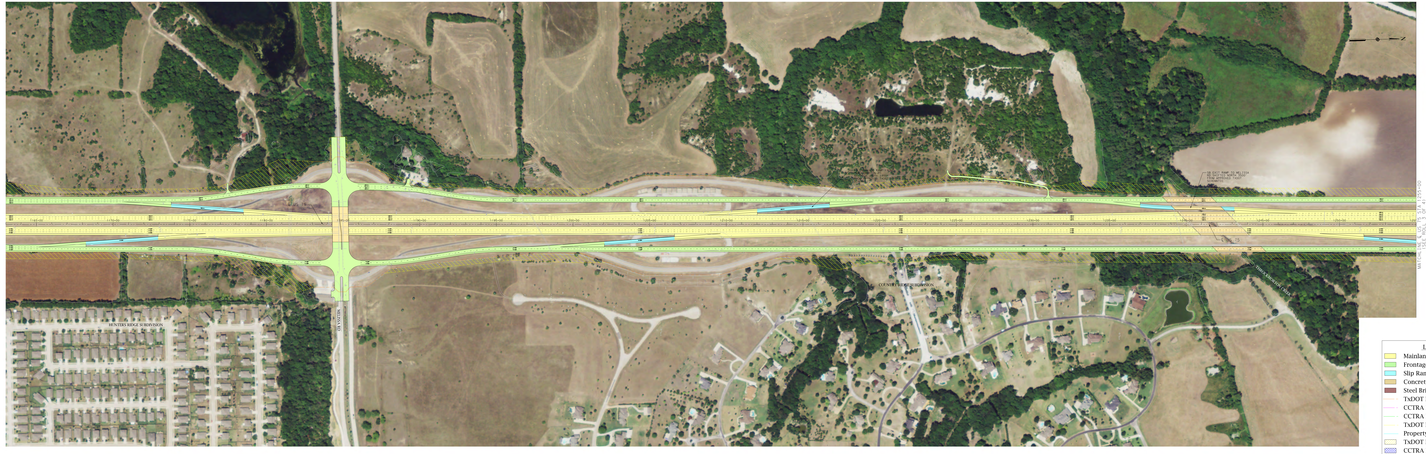
Collin County Texas

PROPOSED TXDOT TYPICAL HALF SECTION
US 75 SCHEMATIC

PROPOSED TYPICAL SECTION
RAMP



COLLIN COUNTY TOLL ROAD AUTHORITY

CLARENCE T. DAUGHERTY, P.E. - DIRECTOR OF ENGINEERING

CONCEPT PLAN

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ROLL 2 OF 4

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Collin County Texas

COLLIN COUNTY TOLL ROAD AUTHORITY

CLARENCE T. DAUGHERTY, P.E. - DIRECTOR OF ENGINEERING

CONCEPT PLAN

US 75/COLLIN COUNTY OUTER LOOP

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FRONTAGE ROADS	40 MPH

HIGHWAY CLASSIFICATION

URBAN FREEWAY

COLLIN COUNTY
DENTON COUNTY
FM 455
SH 121
FM 720
FM 546
FM 1827
FM 1461
FM 2934
FM 3537
FM 1378
FM 1138
FM 1193
FM 1777
FM 2478
FM 2933
FM 3537

COLLIN COUNTY TOLL ROAD AUTHORITY

CLARENCE T. DAUGHERTY, P.E. - DIRECTOR OF ENGINEERING

CONCEPT PLAN

US 75/COLLIN COUNTY OUTER LOOP

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SLIP RAMPS	40/50 MPH
DIRECT CONNECTORS	40/50 MPH
FRONTAGE ROADS	40 MPH

HIGHWAY CLASSIFICATION
URBAN FREEWAY

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

COLLIN COUNTY GRID NORTH

PRELIMINARY SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS AND/OR DETAILED TECHNICAL REVIEWS.

DATE: SEPTEMBER 8, 2015
PREPARED BY HNTB
UNDER THE SUPERVISION OF:
RUSSELL K. COMER, P.E.

SERIAL NO. 91108

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ROLL 4 OF 4

HNTB Corporation
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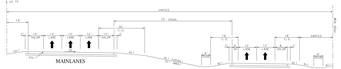
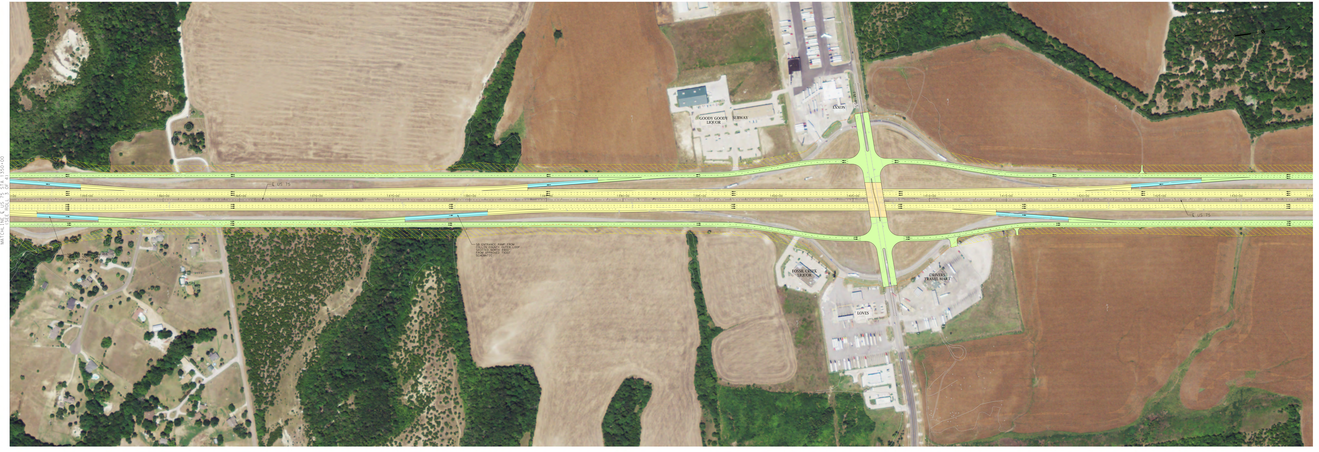
Collin County Texas



PROPOSED TXDOT TYPICAL HALF SECTION
US 75 SCHEMATIC

PROPOSED TYPICAL SECTION
RAMP


US 75
COLLIN COUNTY OUTER LOOP
FM 455
MELISSA RD
SERVICE
MAIN
CURB
MEDIAN
LANE
SERVICE
MAIN
CURB
MEDIAN
LANE
SERVICE
MAIN
CURB
MEDIAN
LANE