

WILLIAM L. HALE, P.E. DISTRICT ENGINEER

DESIGN SCHEMATIC
SH 114

FROM: 1.236 MI E OF INTERNATIONAL PKY
TO: SH 183

NET LENGTH OF PROJECT - 11.63 MI
CSJ: 0353-04-056 FROM 1.236 MI E OF INTERNATIONAL PKY TO SPUR 348
CSJ: 0353-04-084 U-TURN AT SH 161
CSJ: 0353-06-025 FROM SPUR 348 TO 0.087 MILES EAST OF ROCHELLE
CSJ: 0353-06-050 FROM 0.087 MI E OF ROCHELLE TO 0.203 MI W OF TOM BRANIFF
CSJ: 0353-06-054 FROM 0.203 MI W OF TOM BRANIFF TO SH 183
CSJ: 0581-02-121 FROM TEXAS PLAZA TO LP 12/H-35E SPLIT

Dallas County

HIGHWAY CLASSIFICATION

URBAN FREEWAY

MAY 2009

Design Speeds

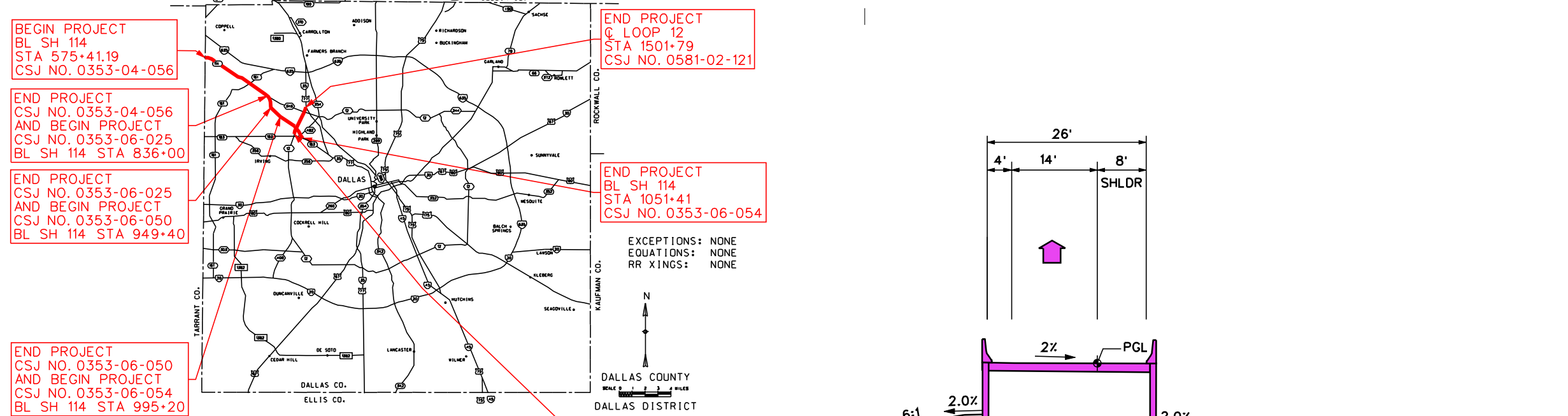
MAIN LANES - 70 MPH
RAMP - 50 MPH
DIRECT CONNECTORS - 50 MPH
FRONTAGE ROADS - 45 MPH
CROSS STREETS - 45 MPH
MANAGED HOV LANES - 70 MPH (MAIN LANES), 50 MPH (RAMP)

Average Daily Traffic 2008 (2008)

SH 121 TO SH 161 149,400 (224,200)
SH 161 TO SH 348 154,000 (231,000)
SPUR 348 TO LOOP 12 147,300 (221,000)
LOOP 12 TO SH 183 186,700 (275,000)
HIGHWAY VOLUMES INCLUDE MAIN AND MANAGED HOV LANES ONLY

SOURCE: NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

ROLLS 1-10: SH 114 PLAN AND PROFILE
ROLLS 11-12: LOOP 12 PLAN AND PROFILE
ROLLS 13-23: SH 114 AND LOOP 12 PROFILES



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PREPARED BY BRIDGEFARMER & ASSOCIATES, INC.
UNDER THE SUPERVISION OF

STERLING C. FORSYTHE, III SHAHRIAR AZAD WEIYIH TEE

P.E. NO. 57339 DATE: 05/11/09
P.E. NO. 91682 DATE: 05/11/09
P.E. NO. 98478 DATE: 05/11/09

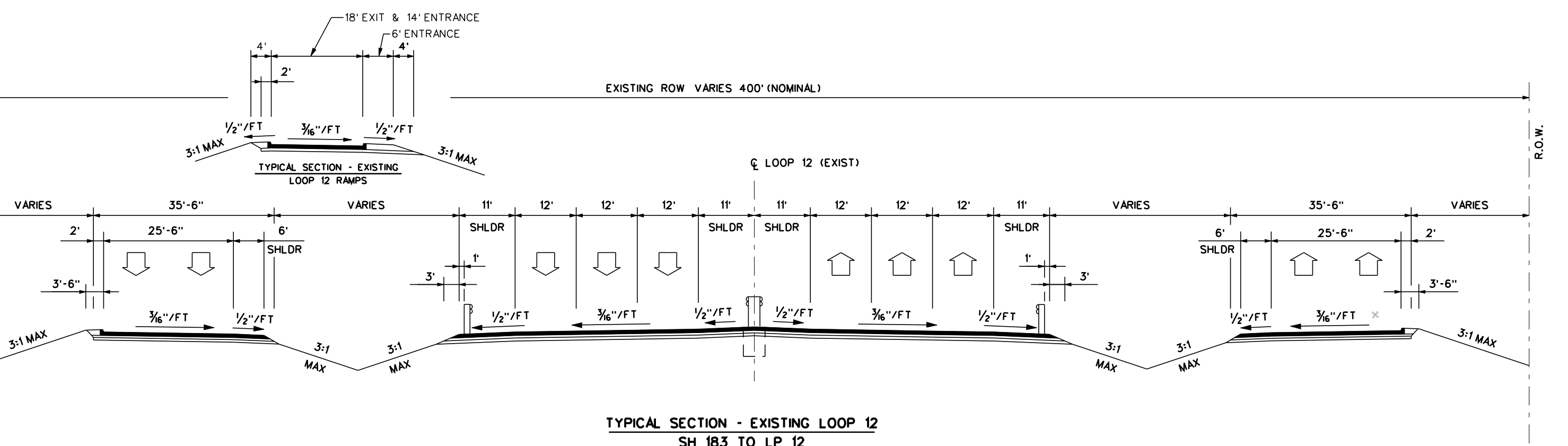
BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
TUBE REGISTRATION NO. 284
12801 NORTH CENTRAL EXPRESSWAY,
4TH FLOOR
DALLAS, TEXAS 75243
TEL: (972) 231-8800 FAX: (972) 231-5900

Roll: 11 of 23

DATE APPROVED DATE SUBMITTED

DESIGN SCHEMATIC
NOT INTENDED FOR
CONSTRUCTION, BIDDING,
OR PERMIT PURPOSES.

DATE REVISED



TYPICAL SECTION - EXISTING LOOP 12 RAMP

EXISTING ROW VARIES 400' (NOMINAL)

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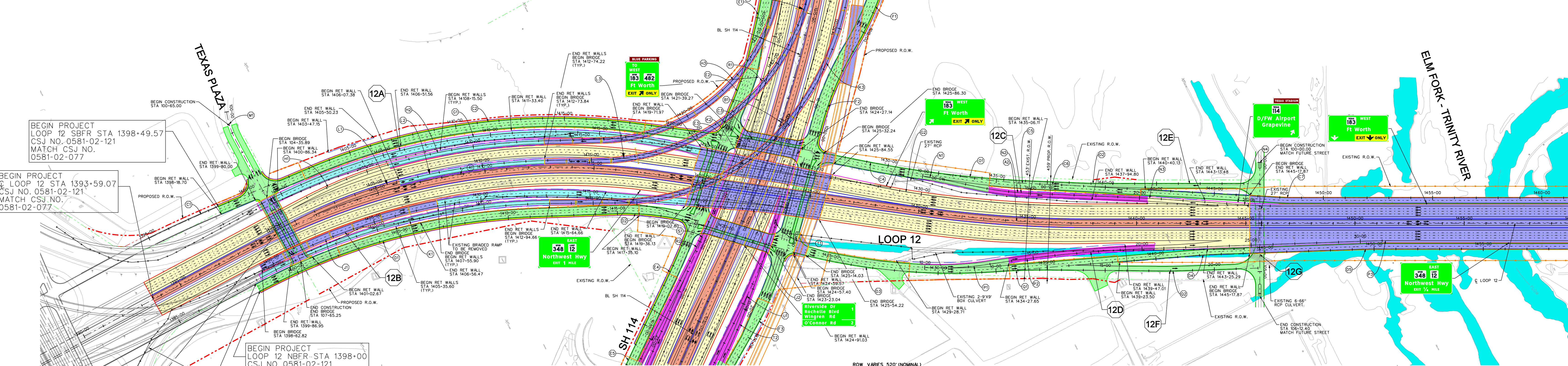
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TYPICAL SECTION - PROPOSED LOOP 12 SH 183 TO LP 12

ROW VARIES 520' (NOMINAL)

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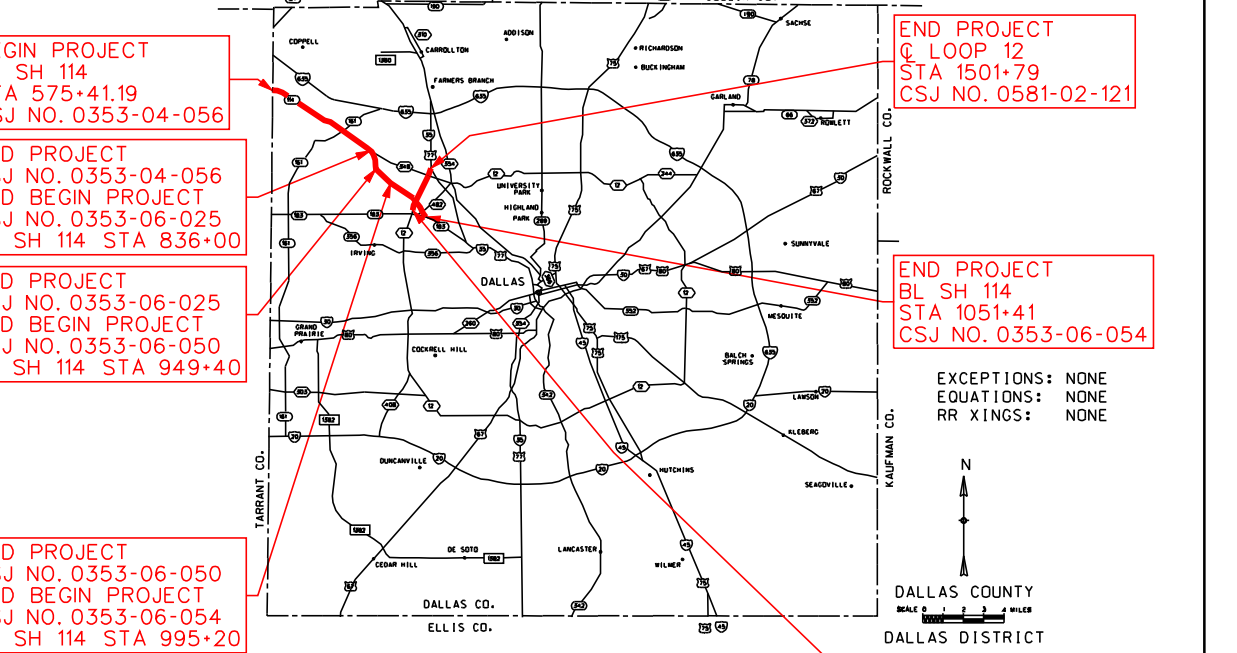
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