

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 12/1H-35E SPLIT

Dallas County

HIGHWAY CLASSIFICATION

URBAN FREEWAY

MAY 2009

Design Speeds

MAIN LANE: 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 (RAMPS)

Average Daily Traffic 2008 (2028)

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: 116,700 (175,000)

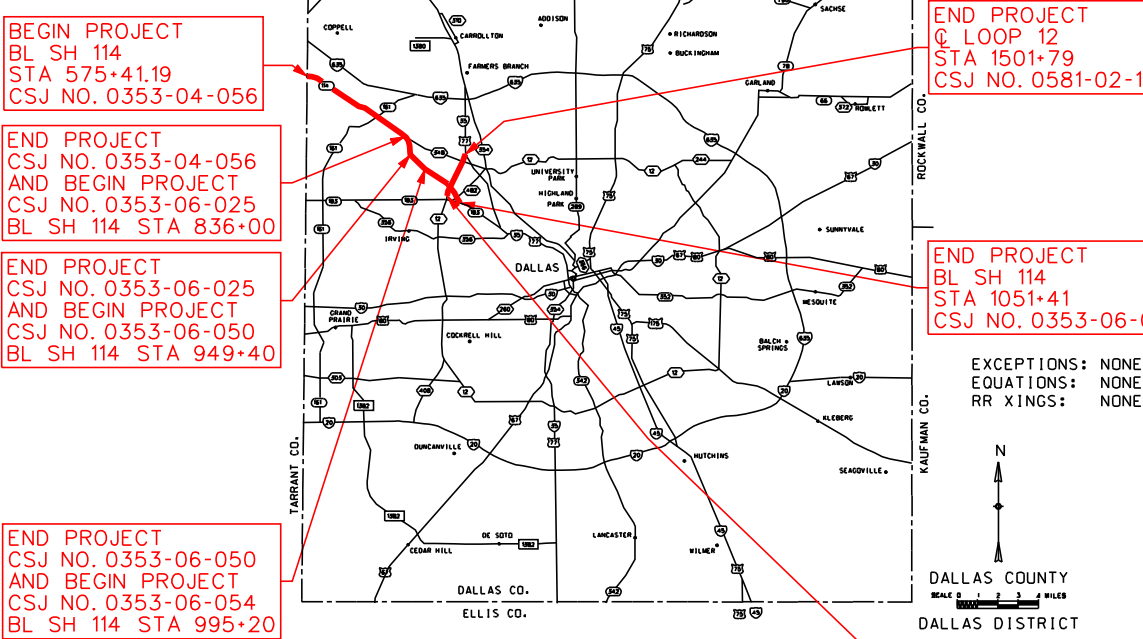
HIGHWAY VOLUMES INCLUDE MAIN AND MANAGED HOV LANES ONLY

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 WEIYH 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

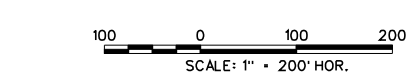
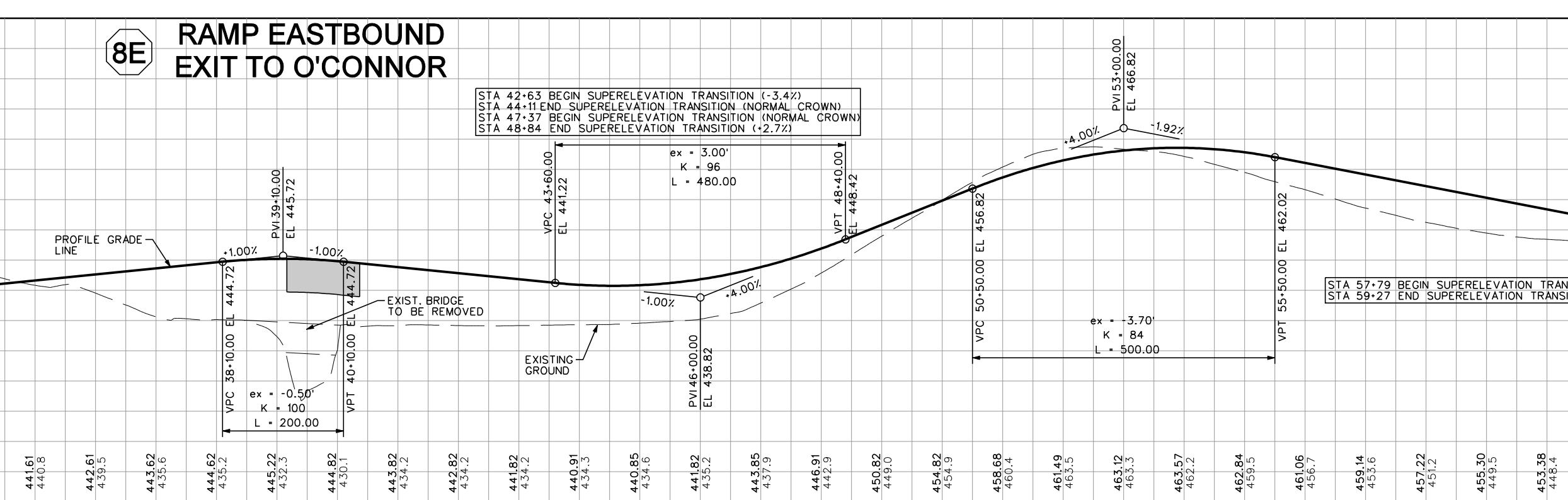
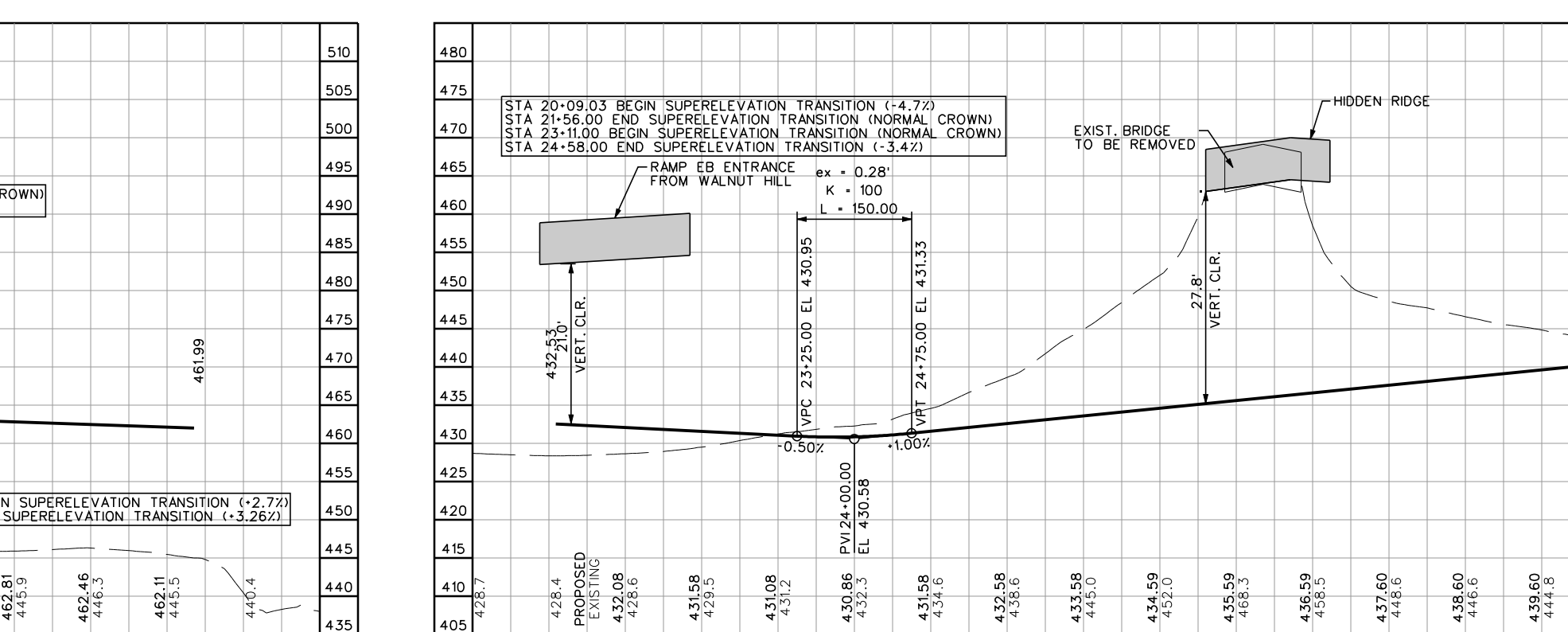
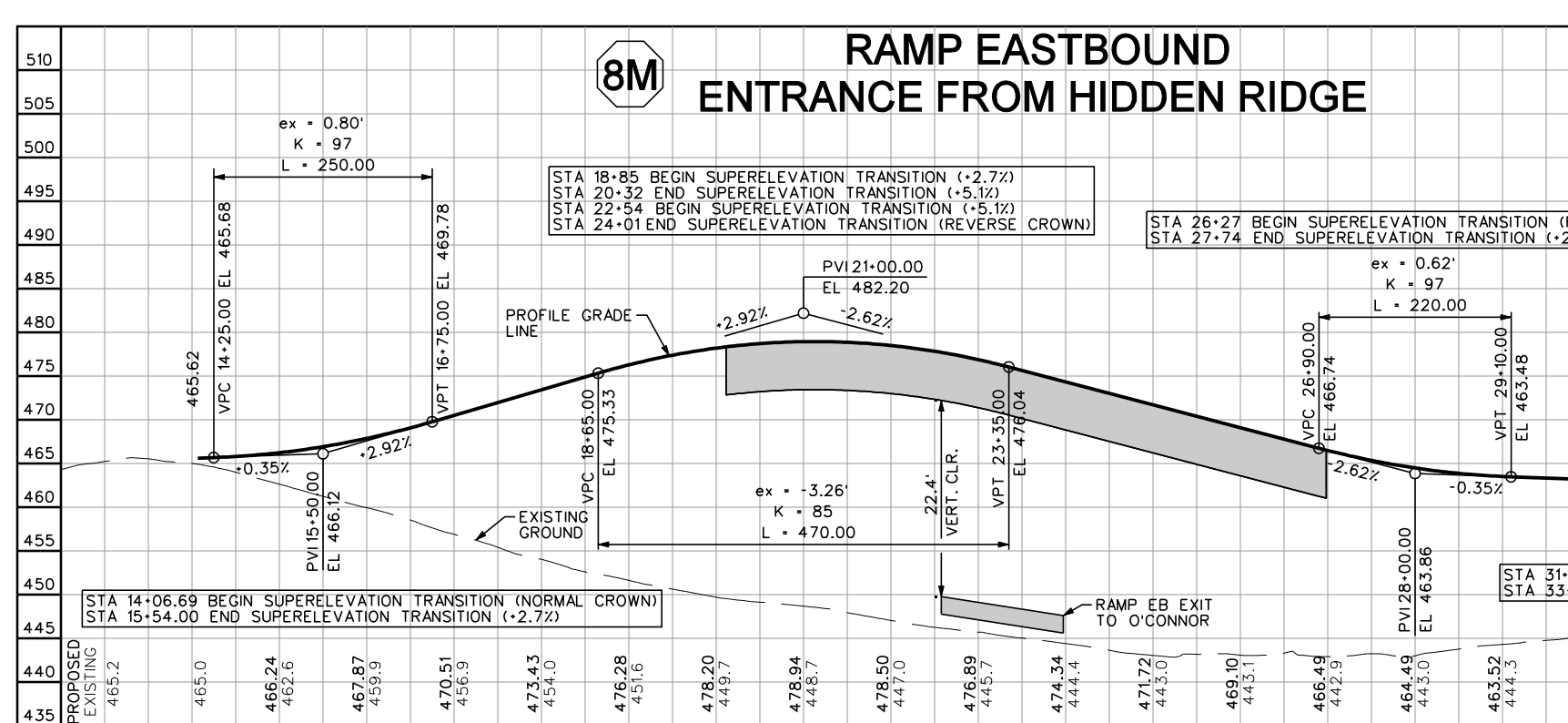
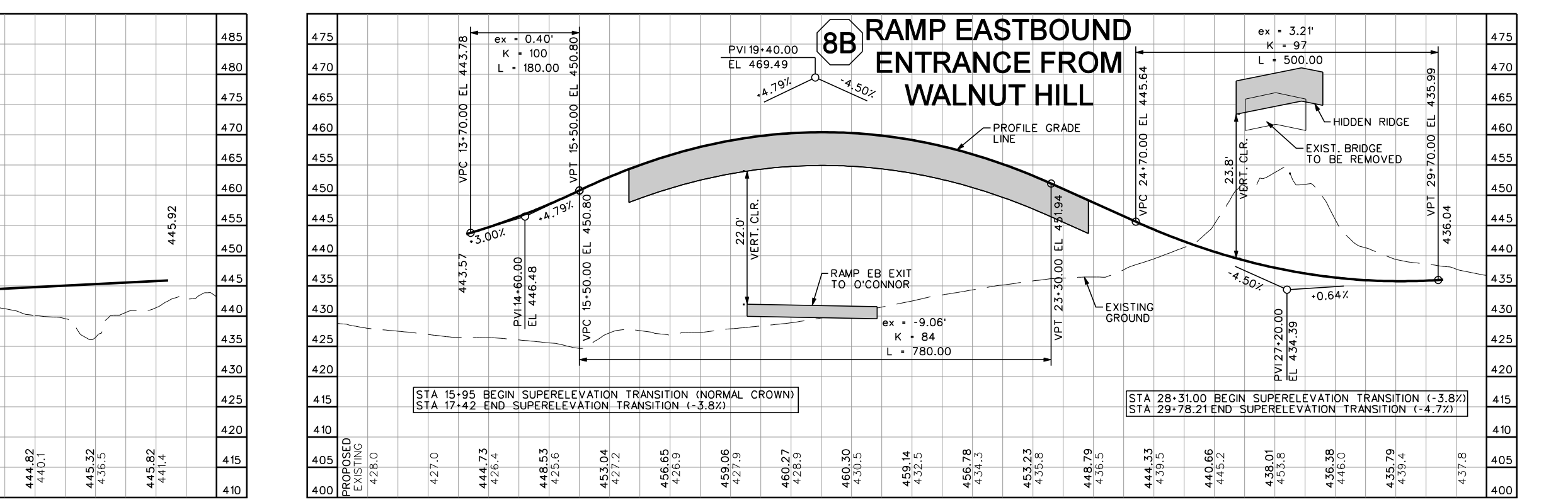
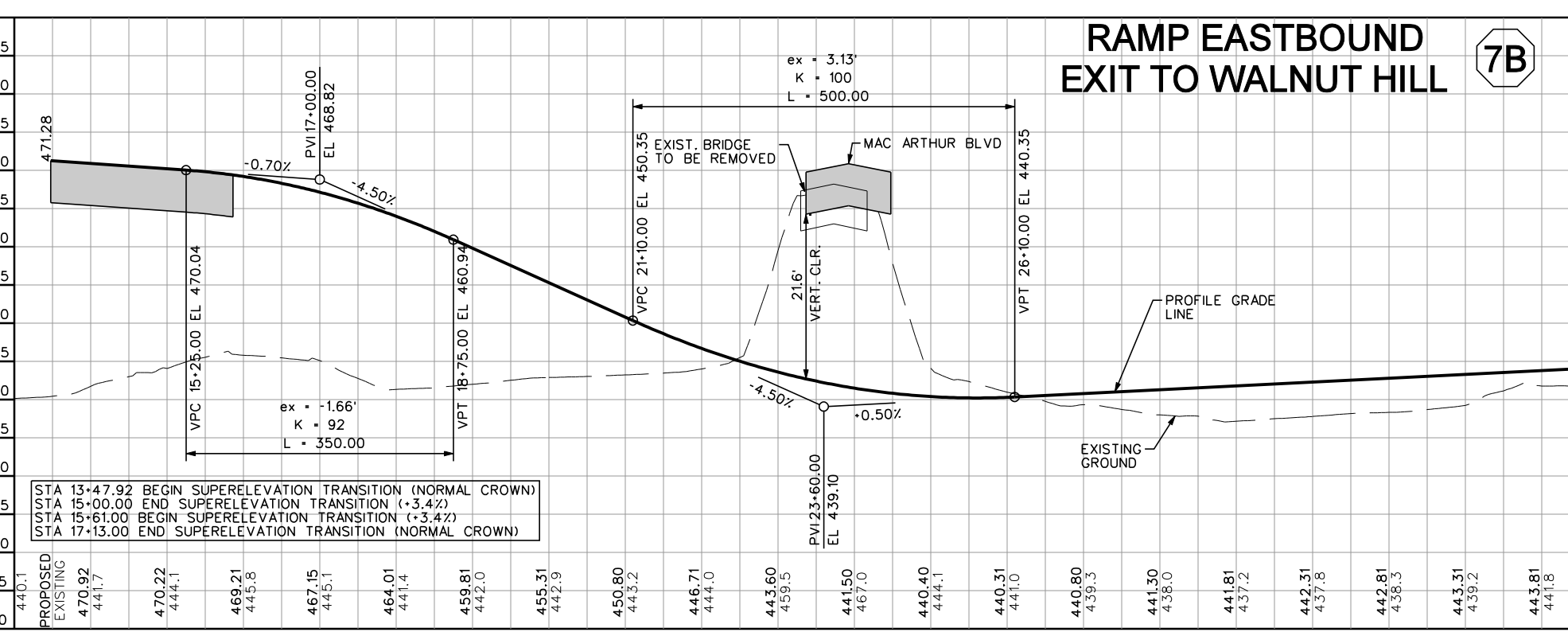
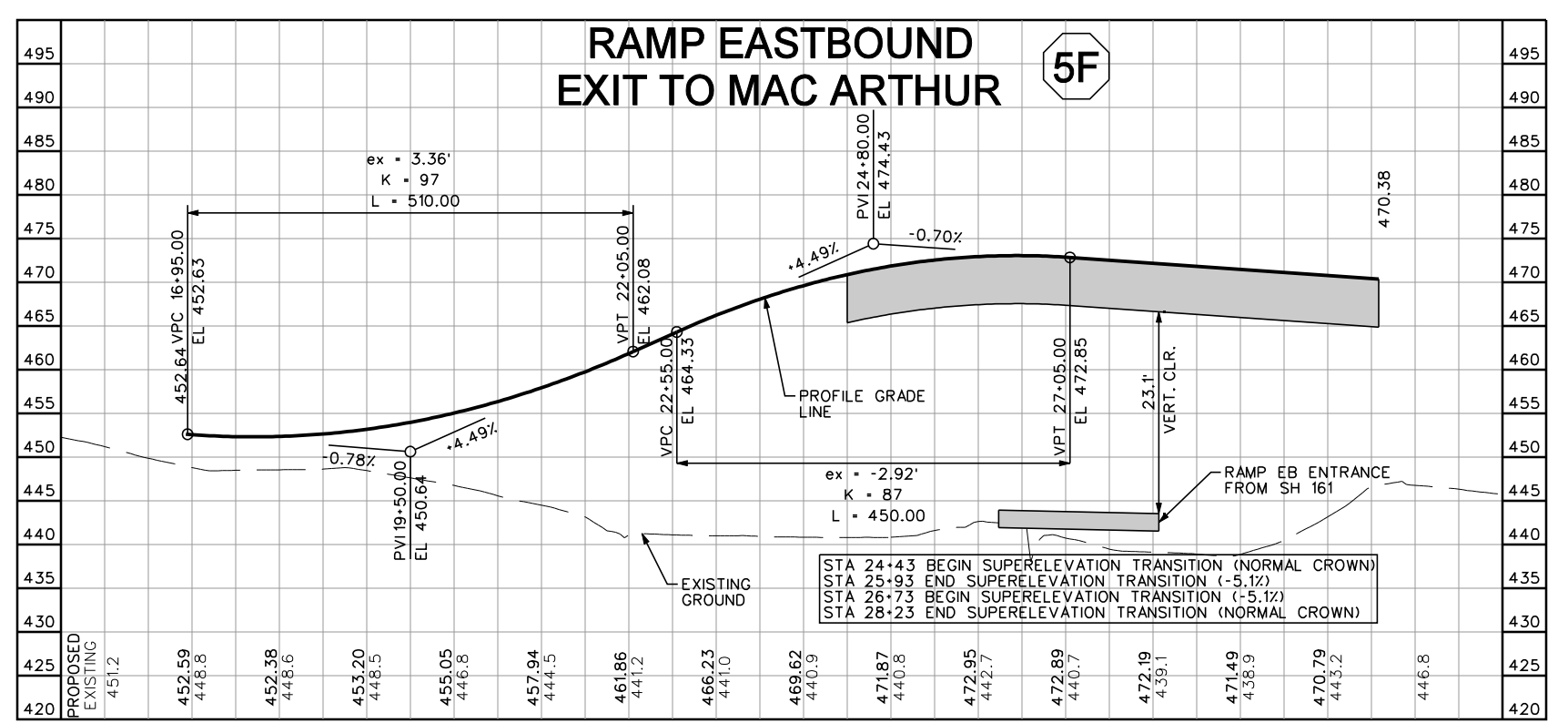
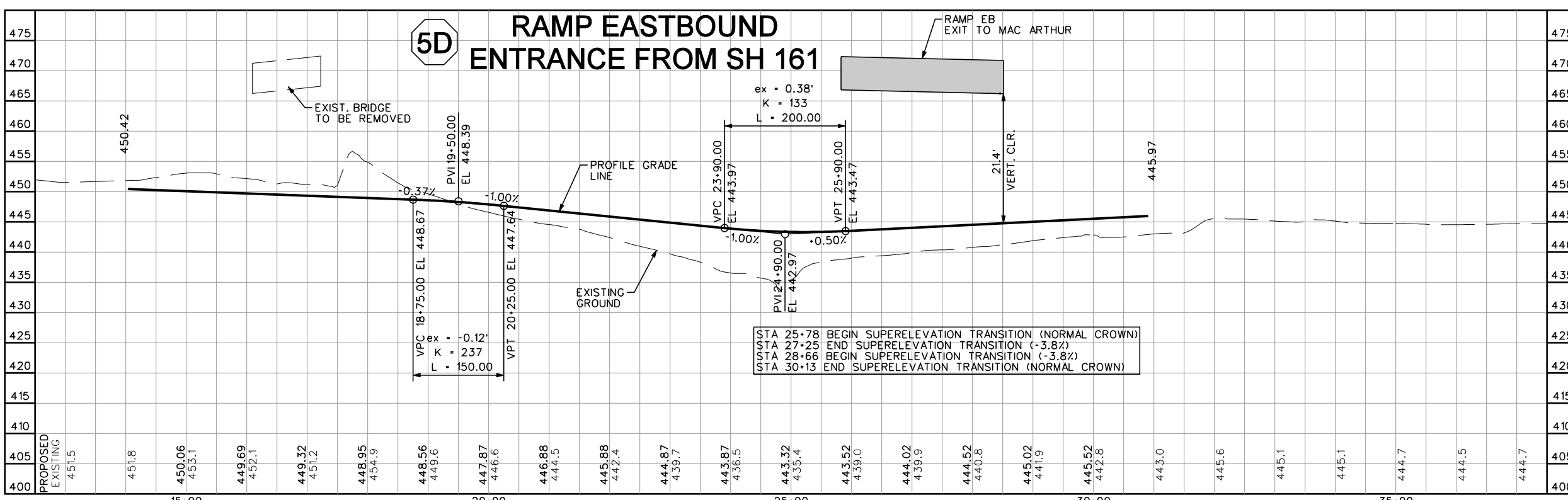
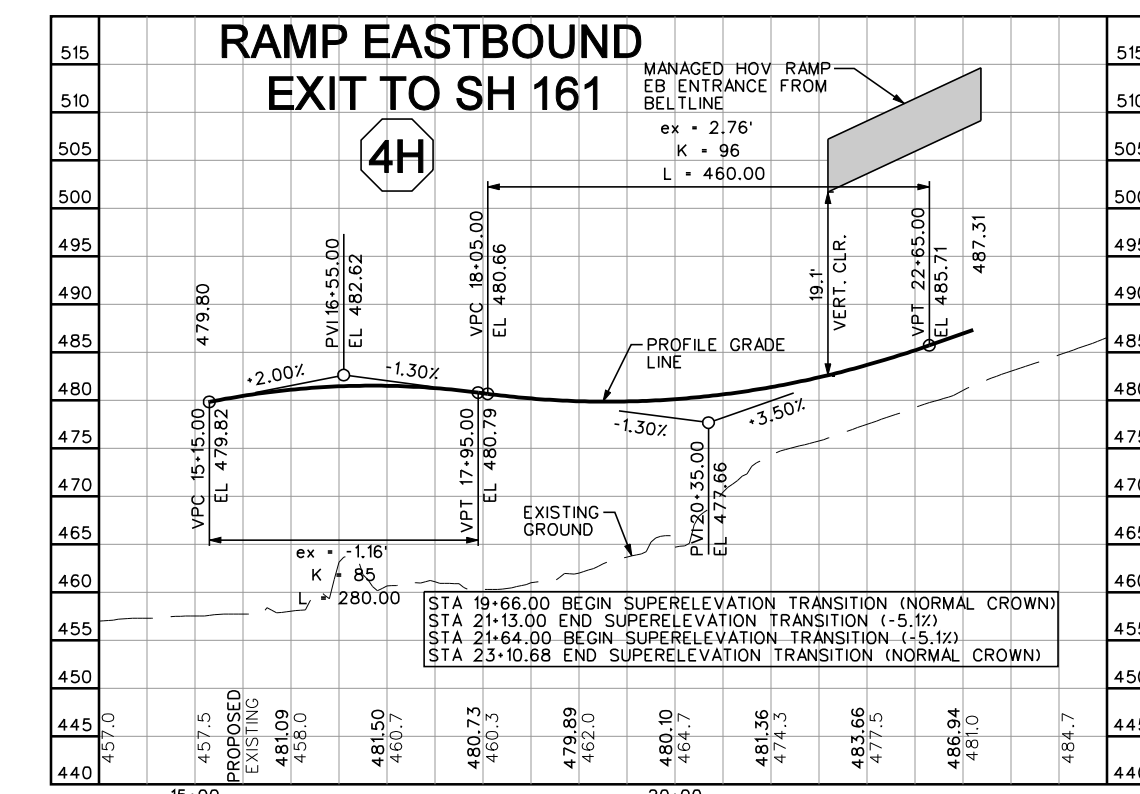
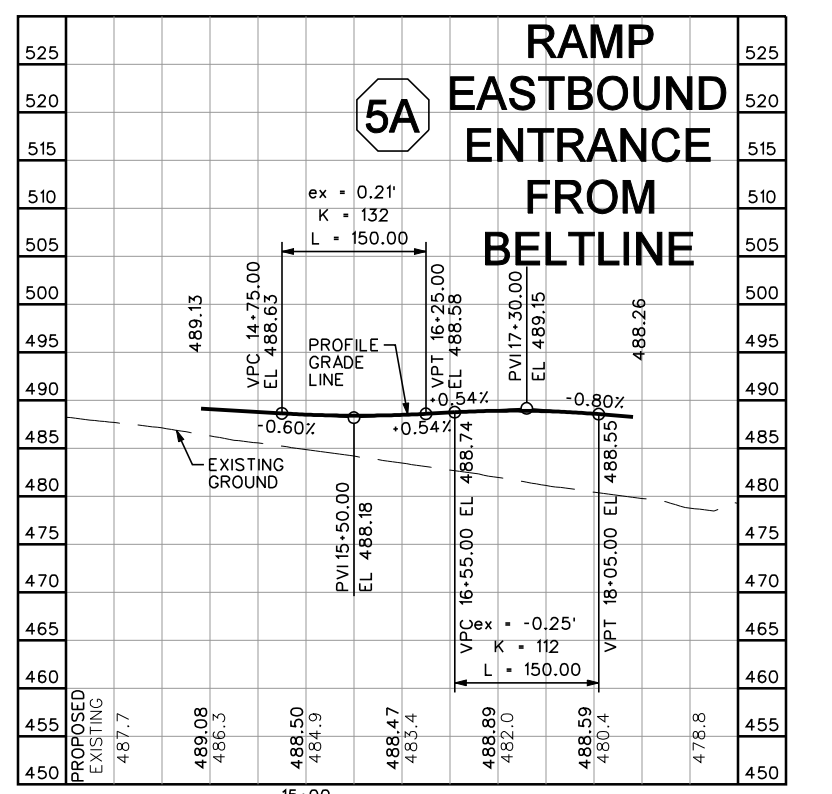
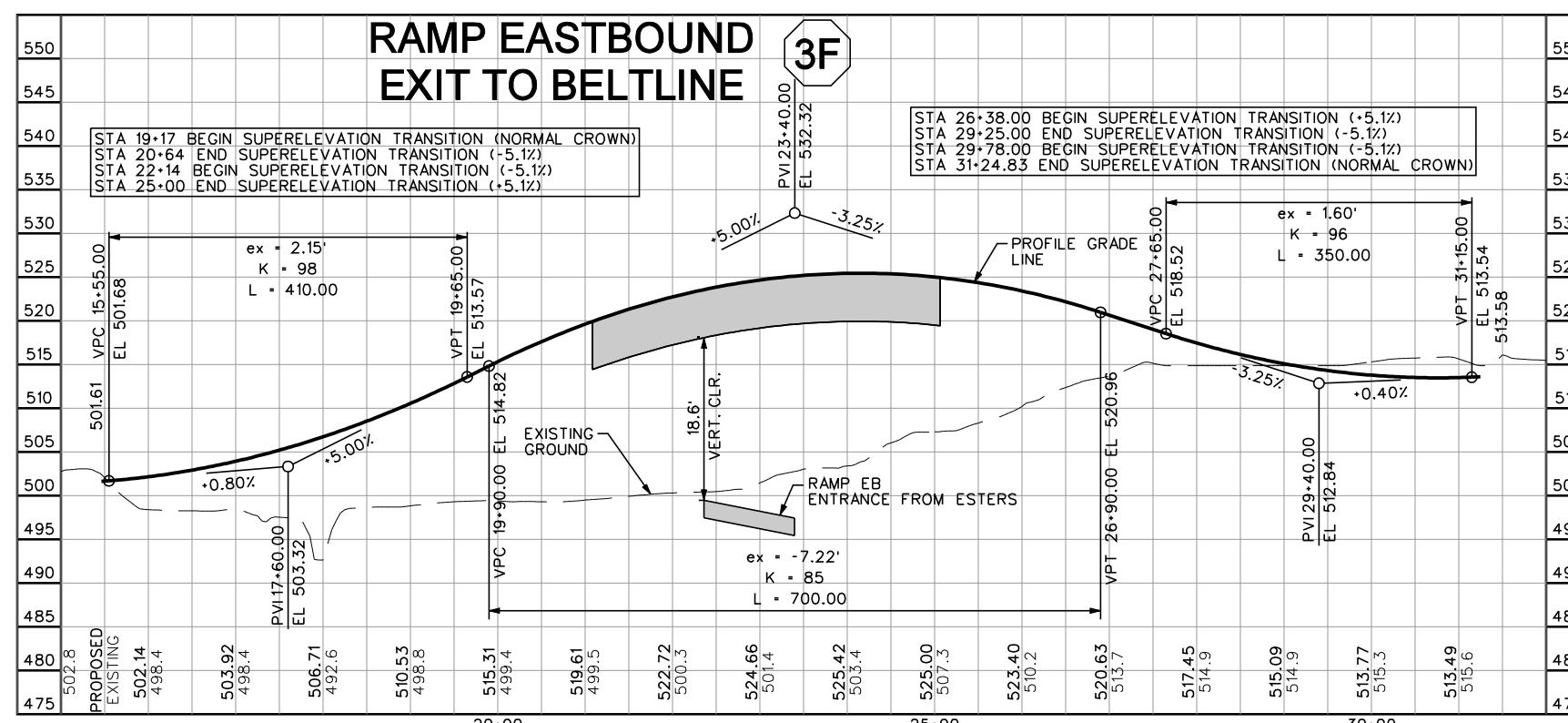
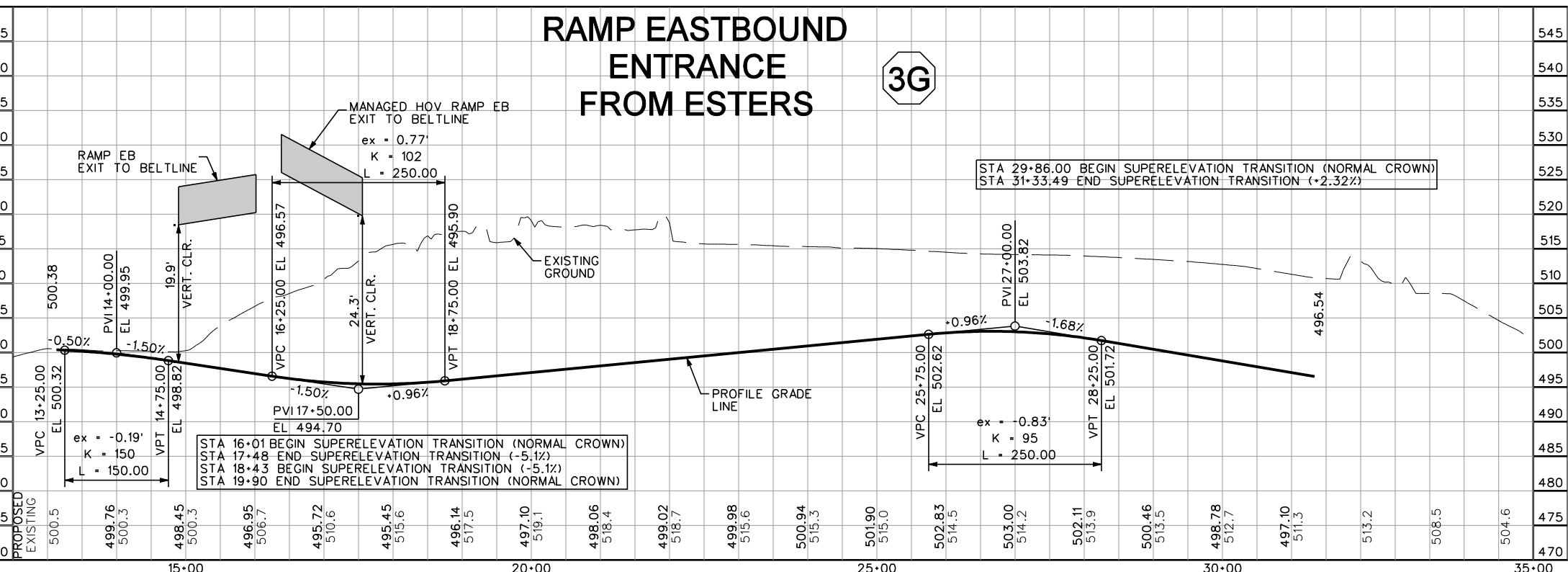
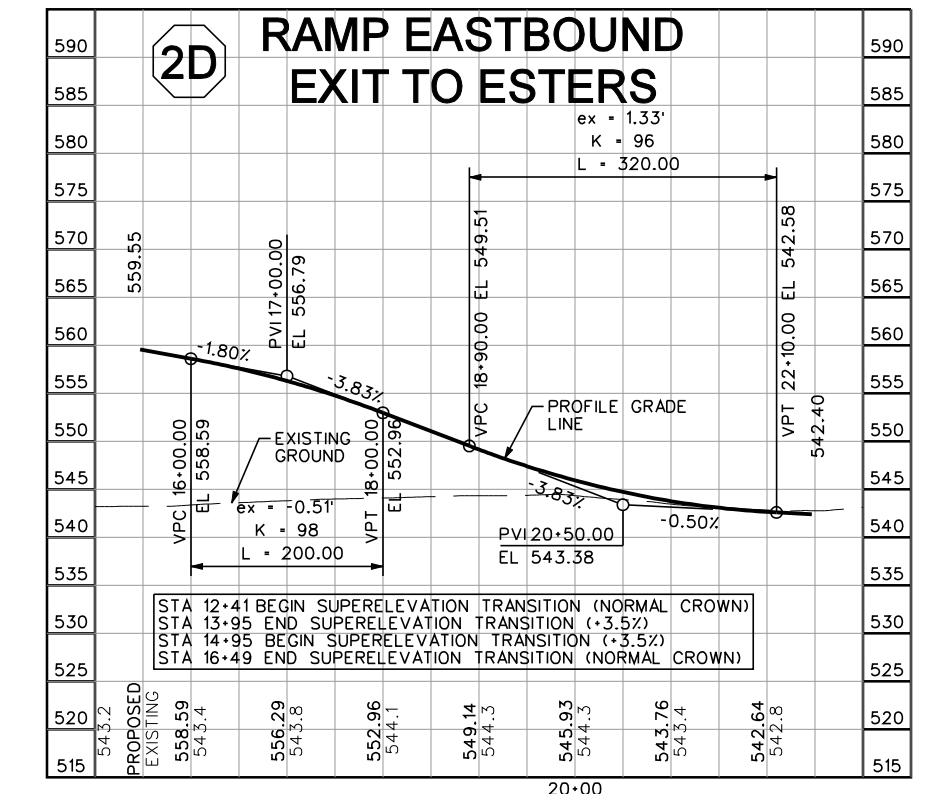
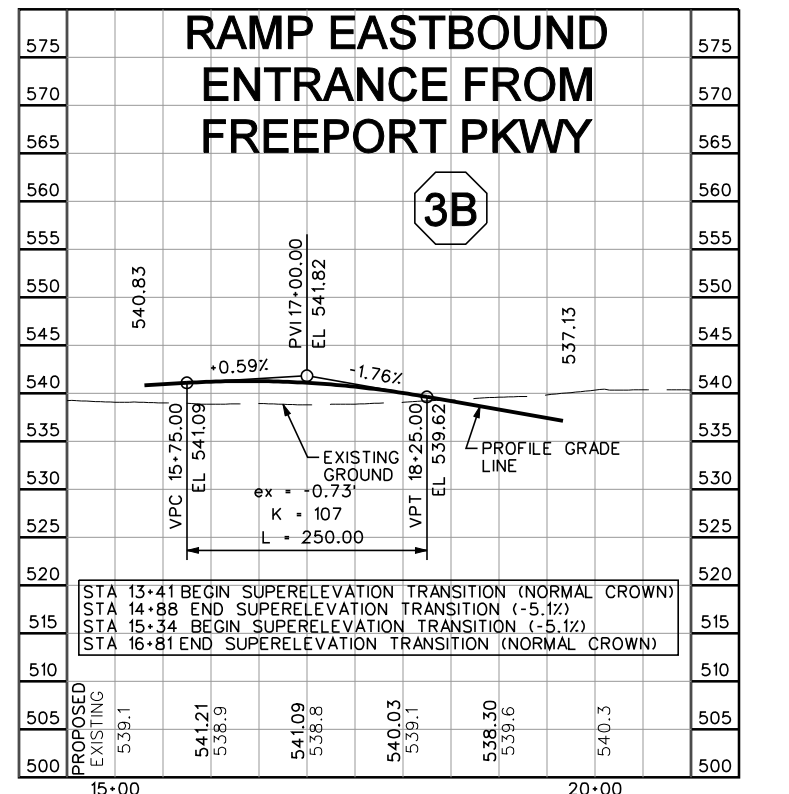
BRIDGEFARMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
TBE REGISTRATION NO. 264
12801 NORTH CENTRAL EXPRESSWAY,
4TH FLOOR
DALLAS, TEXAS 75243
TEL: (972) 231-8800 FAX: (972) 231-5900

Roll: 17 of 23

DATE APPROVED DATE SUBMITTED

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

DATE REVISED



SCALE: 1" = 200' HOR. 1" = 20' VERT.

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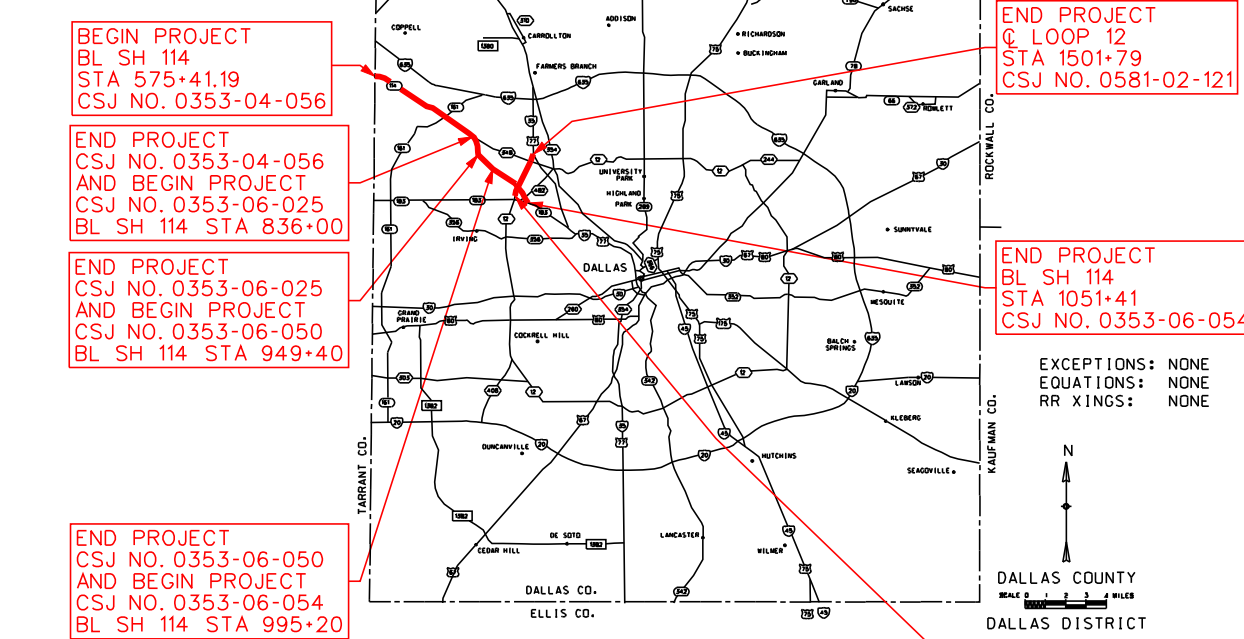
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