ROLL 2A OF 5 STA. 133+00 TO STA. 260+00

TEXAS DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER
SH 183 REEVALUATION DESIGN SCHEMATIC

SH 183 FROM WEST OF SH 161 TO IH 35E DALLAS COUNTY

CSJ: 0094-03-065 FROM 1.2 MILES EAST OF SH 360 TO 0.66 MILE WEST OF LOOP 12, PROJECT LENGTH 6.69 MILES

CSJ: 0094-07-015 FROM 1.0 MILES EAST OF LOOP 12 TO WEST END OF ELM FORK TRINITY BRIDGE, PROJECT LENGTH 0.3 MILE

CSJ: 0094-07-020 FROM WEST END OF ELM FORK TRINITY BRIDGE TO IH 35E, PROJECT LENGTH 1.1 MILES

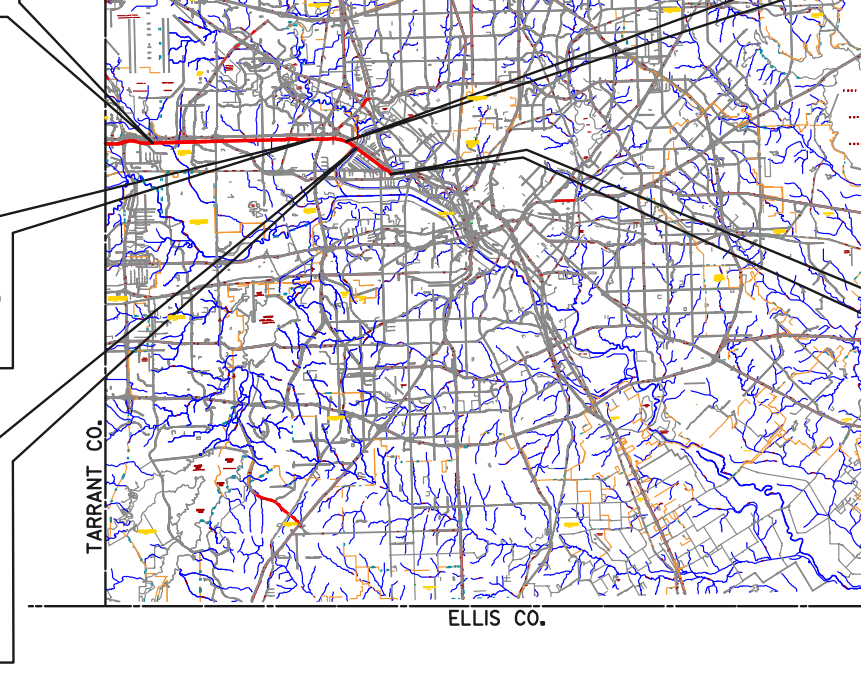
DESIGN SPEED

FREEWAY = 70 mph
RAMPS = 50 mph
RAMP ERW168 = 40 MPH
DIRECT CONNECTORS = 50 mph
SH 161 DIRECT CONNECTORS (DCW139, DCW146, DCE149, DCE177, DCN733) = 35 MPH
FRONTAGE ROADS = 40 mph
CROSS STREETS = 40 mph
MANAGED LANES - HOV = 70 mph

AVERAGE DAILY TRAFFIC 2000 (2029)

IH 35E TO LOOP 12 174,100 (278,600)
LOOP 12 TO SH 360 216,900 (347,300)
ROADWAY: URBAN FREEWAY

BEGIN PROJECT
SH 183 ℄ STA. 91+00
CSJ NO. 0094-03-065


DENTON CO.
COLLIN CO.
ROCKWALL CO.
KAUFMAN CO.
ELLIS CO.
TARRANT CO.

BEGIN PROJECT
SH 183 ℄ STA. 531+25
CSJ NO. 0094-07-015

END PROJECT
SH 183 ℄ STA. 443+33
CSJ NO. 0094-03-065

END PROJECT
CSJ NO. 0094-07-015
AND BEGIN PROJECT
CSJ NO. 0094-07-020
SH183 ℄ STA. 549+50

END PROJECT
SH 183 ℄ STA. 607+03
CSJ NO. 0094-07-020

DRAFT SUBMITTAL
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

DATE APPROVED

HALFF ASSOCIATES, INC.
TBPE FIRM #F-312
PRELIMINARY - FOR INTERIM REVIEW ONLY
These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
Matthew G. Craig 69910 09-02-11
Type or Print Name PE# Date

DATE SUBMITTED
MAY 31, 2006

DATE REVISED
SEPTEMBER 12, 2011

HORIZONTAL 0 50 100 200 300
VERTICAL 0 10 20 30
SCALE IN FEET

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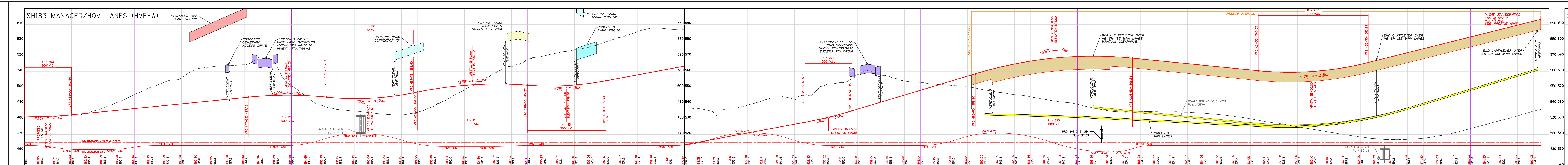
ROLL 2A OF 5

PRELIMINARY SCHEMATIC


SH183 MANAGED/HOV LANES (HVE-W)
PROPOSED HOV RAMP HRE122
PROPOSED CEMETARY ACCESS DRIVE
PROPOSED VALLEY VIEW LANE OVERPASS
FUTURE SH161 CONNECTOR 'D'
FUTURE SH161 MAIN LANES
FUTURE SH161 CONNECTOR 'A'
PROPOSED RAMP XRE156
PROPOSED ESTERS ROAD OVERPASS
BEGIN CANTILEVER OVER WB SH 183 MAIN LANES MAINTAIN CLEARANCE
END CANTILEVER OVER WB SH 183 MAIN LANES
END CANTILEVER OVER EB SH 183 MAIN LANES
SH183 EB MAIN LANES
SH183 WB MAIN LANES
135+00
140+00
145+00
150+00
155+00
160+00
165+00
170+00
175+00
180+00
185+00
190+00
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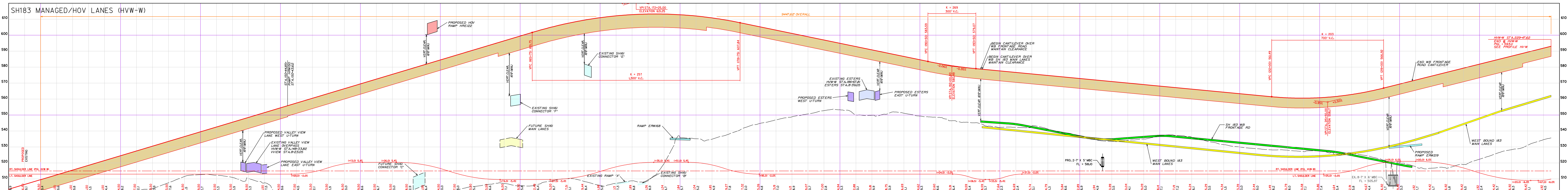
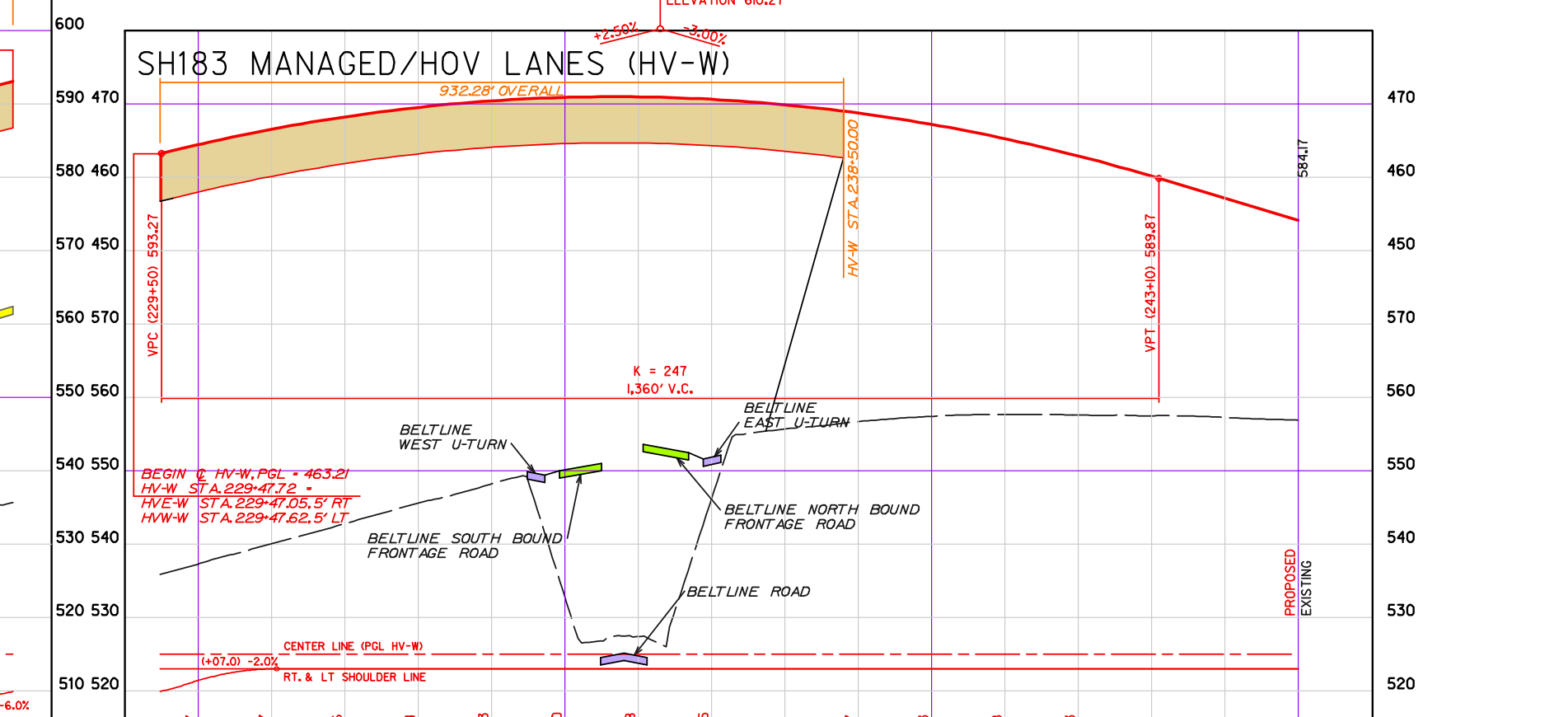
215+00
220+00
225+00
230+00


SH183 MANAGED/HOV LANES (HVW-W)
PROPOSED HOV RAMP HRE122
EXISTING SH161 CONNECTOR 'E'
EXISTING SH161 CONNECTOR 'F'
FUTURE SH161 MAIN LANES
RAMP ERW168
EXISTING ESTERS
PROPOSED ESTERS WEST U-TURN
PROPOSED ESTERS EAST U-TURN
PROPOSED VALLEY VIEW LANE WEST U-TURN
EXISTING VALLEY VIEW LANE OVERPASS
PROPOSED VALLEY VIEW LANE EAST U-TURN
FUTURE SH161 CONNECTOR 'C'
EXISTING RAMP 'A'
EXISTING SH161 CONNECTOR 'B'
BEGIN CANTILEVER OVER WB FRONTAGE ROAD MAINTAIN CLEARANCE
BEGIN CANTILEVER OVER WB SH 183 MAIN LANES MAINTAIN CLEARANCE
END WB FRONTAGE ROAD CANTILEVER
SH 183 WB FRONTAGE RD
WEST BOUND 183 MAIN LANES
PROPOSED RAMP ERW219
135+00
140+00
145+00
150+00
155+00
160+00
165+00
170+00
175+00
180+00
185+00
190+00
195+00
200+00
205+00
210+00
215+00
220+00
225+00
230+00


SH183 MANAGED/HOV LANES (HV-W)
BELTLINE WEST U-TURN
BELTLINE EAST U-TURN
BELTLINE SOUTH BOUND FRONTAGE ROAD
BELTLINE NORTH BOUND FRONTAGE ROAD
BELTLINE ROAD
235+00
240+00
245+00

PRELIMINARY SCHEMATIC

SH183 EB FRONTAGE ROAD (FRE-W)
CEMETARY ACCESS DRIVE
VALLEY VIEW LANE
FUTURE SH161 CONNECTOR 'D'
FUTURE SH161 CONNECTOR 'A'
FUTURE SH161 MAIN LANES
EXISTING GROUND
SH183 EB FRONTAGE ROAD PGL FRE-W
BELT LINE ROAD
RAMP XRE215
135+00
140+00
145+00
150+00
155+00
160+00
165+00
170+00
175+00
180+00
185+00
190+00
195+00
200+00
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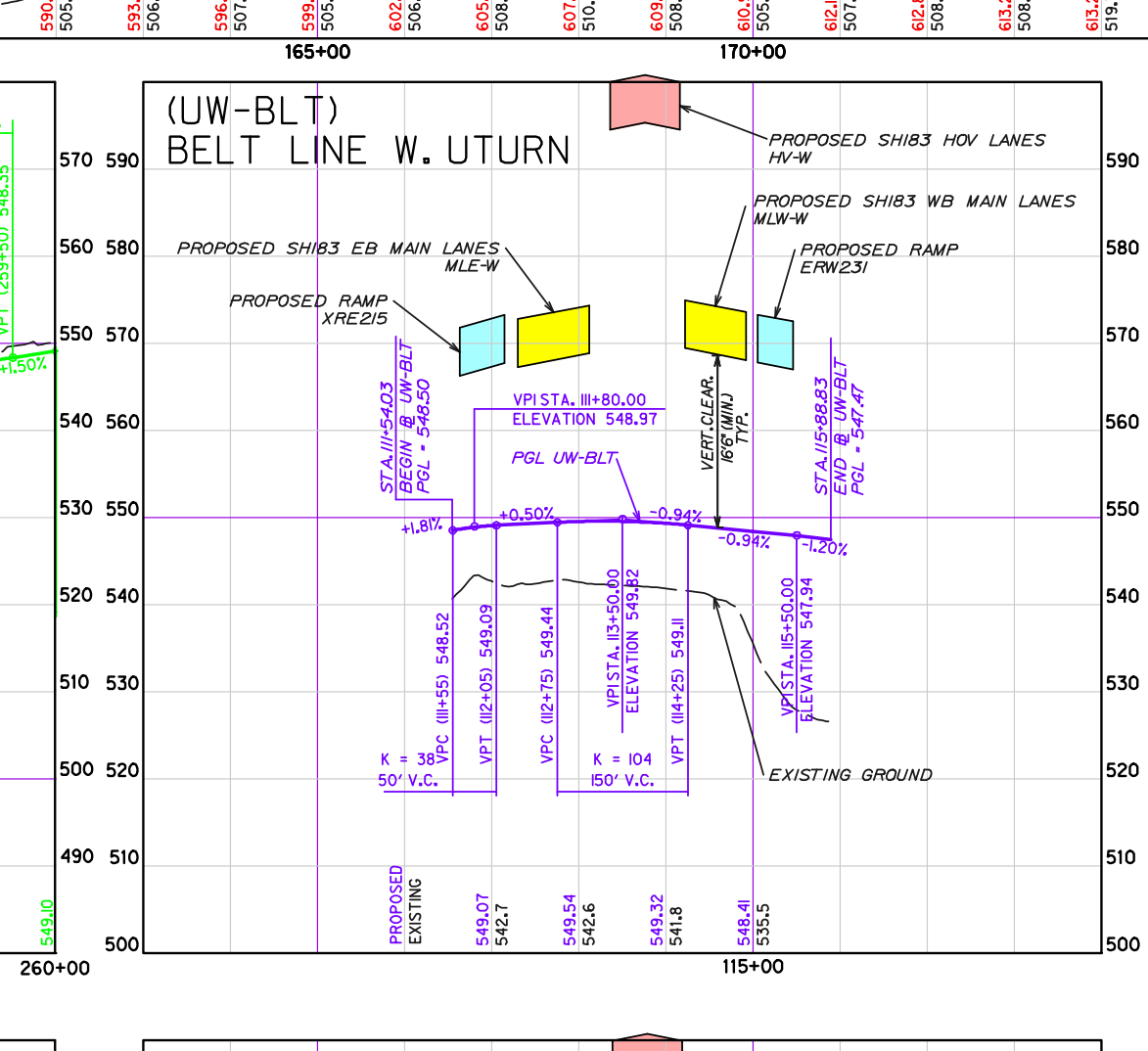
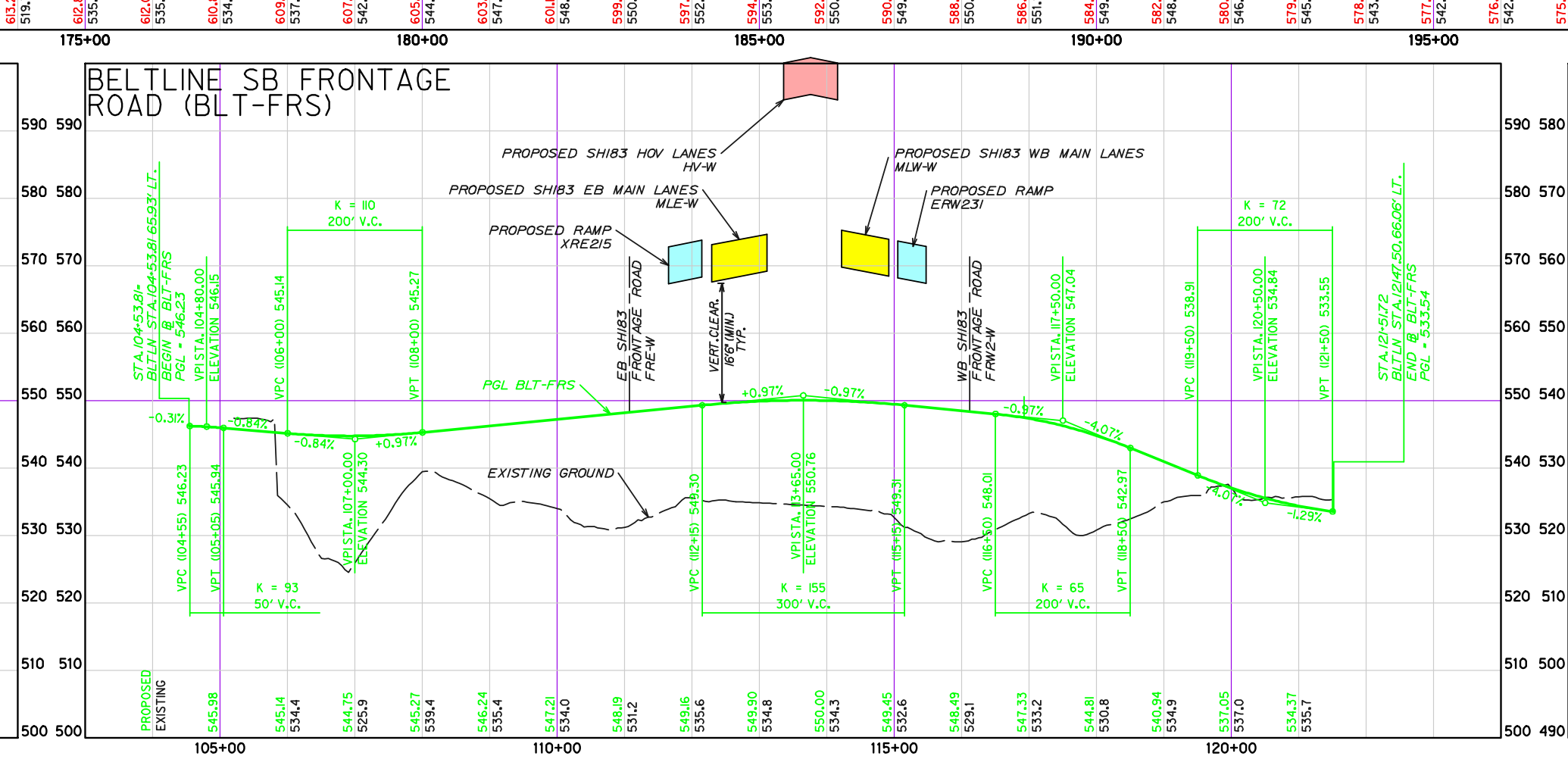
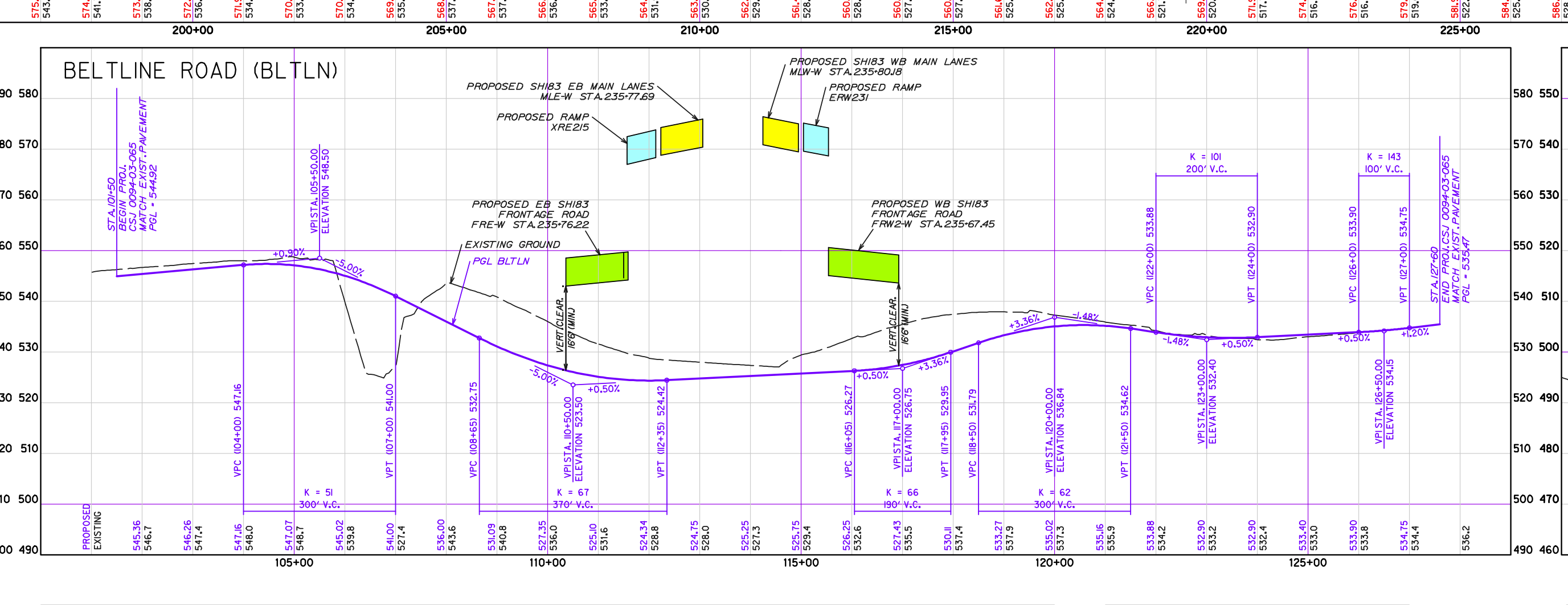
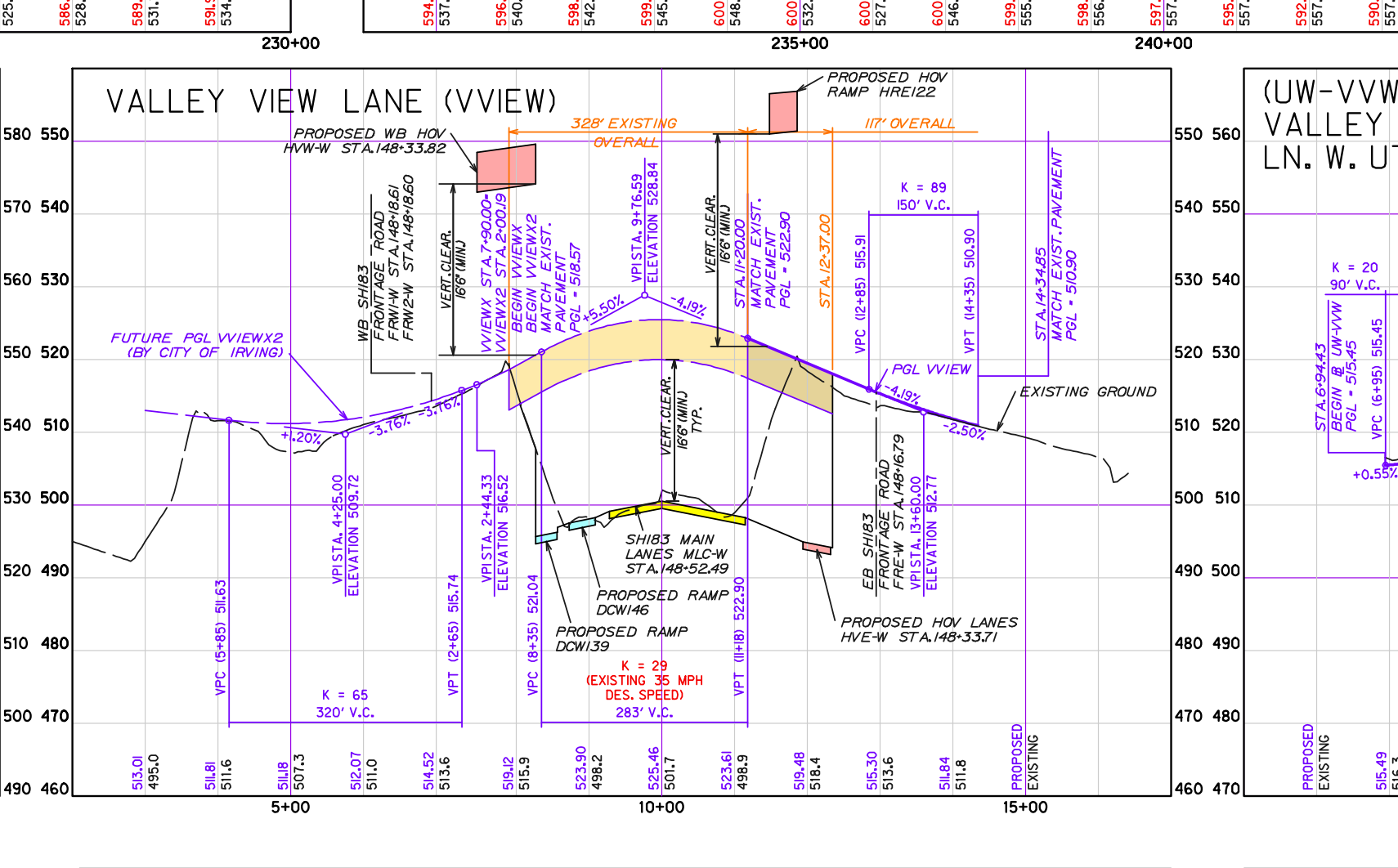
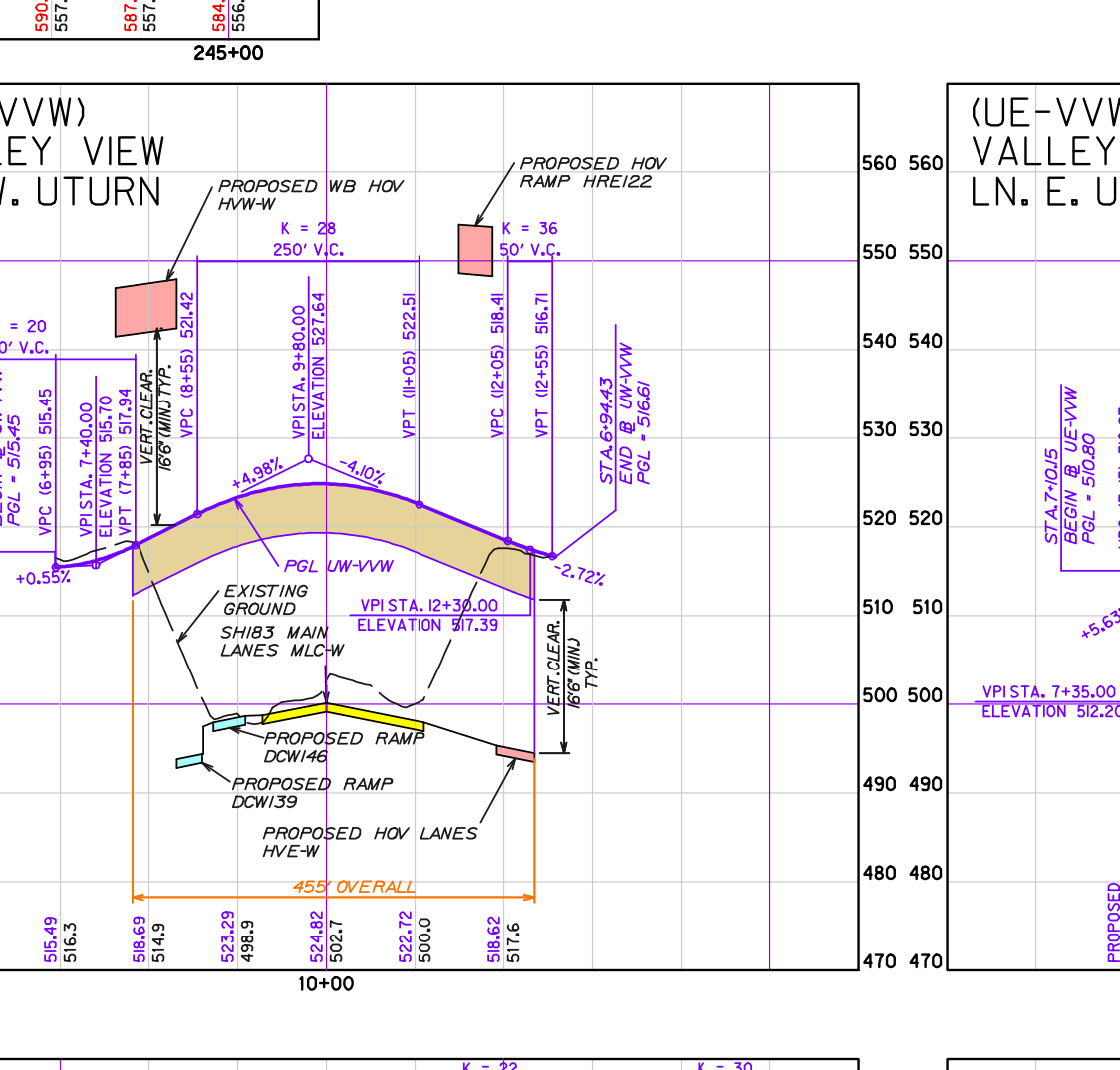
245+00
250+00
255+00
260+00

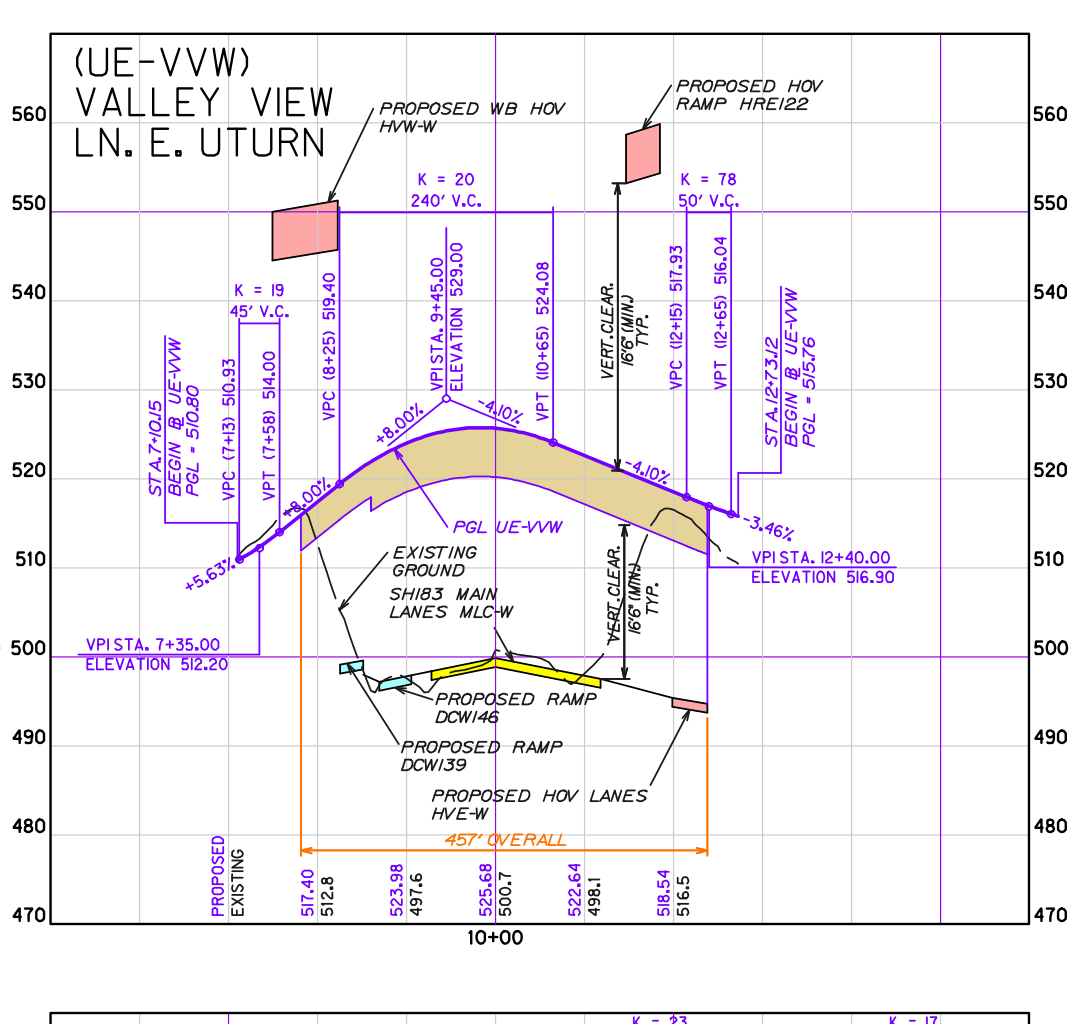

(UW-BLT)
BELT LINE W. UTURN
PROPOSED SH183 HOV LANES
PROPOSED SH183 WB MAIN LANES
PROPOSED SH183 EB MAIN LANES
PROPOSED RAMP XRE215
PROPOSED RAMP ERW231
EXISTING GROUND
115+00


BELTLINE SB FRONTAGE ROAD (BLT-FRS)
PROPOSED SH183 HOV LANES
PROPOSED SH183 EB MAIN LANES
PROPOSED SH183 WB MAIN LANES
PROPOSED RAMP XRE215
PROPOSED RAMP ERW231
EXISTING GROUND
105+00
110+00
115+00
120+00


BELTLINE ROAD (BLTLN)
PROPOSED SH183 EB MAIN LANES
PROPOSED SH183 WB MAIN LANES
PROPOSED RAMP XRE215
PROPOSED RAMP ERW231
PROPOSED EB SH183 FRONTAGE ROAD
PROPOSED WB SH183 FRONTAGE ROAD
EXISTING GROUND
PGL BLTLN
105+00
110+00
115+00
120+00
125+00


VALLEY VIEW LANE (VVIEW)
PROPOSED WB HOV
PROPOSED HOV RAMP HRE122
FUTURE PGL VVIEW2 (BY CITY OF IRVING)
PGL VVIEW
EXISTING GROUND
PROPOSED RAMP DCW146
PROPOSED RAMP DCW139
PROPOSED HOV LANES
5+00
10+00
15+00


(UW-VVW)
VALLEY VIEW LN. W. UTURN
PROPOSED WB HOV
PROPOSED HOV RAMP HRE122
EXISTING GROUND
SH183 MAIN LANES
PROPOSED RAMP DCW146
PROPOSED RAMP DCW139
PROPOSED HOV LANES
PGL UW-VVW
10+00


(UE-VVW)
VALLEY VIEW LN. E. UTURN
PROPOSED WB HOV
PROPOSED HOV RAMP HRE122
EXISTING GROUND
SH183 MAIN LANES
PROPOSED RAMP DCW146
PROPOSED RAMP DCW139
PROPOSED HOV LANES
PGL UE-VVW
10+00

SH183 WB FRONTAGE ROAD (FRW1-W)
SH183 WB FRONTAGE ROAD (FRW2-W)
PROPOSED HOV RAMP HRW150
EXISTING SH161 CONNECTOR 'E'
EXISTING SH161 CONNECTOR 'C'
FUTURE SH161 MAIN LANES
EXISTING GROUND
SH183 WB FRONTAGE ROAD
FUTURE SH183 WB FRONTAGE ROAD
NOTE: SEE HVW-W PROFILE FOR CANTILEVER OVER WB FRONTAGE ROAD
MAINTAIN FUTURE WB FRONTAGE RD
BELT LINE ROAD
135+00
140+00
145+00
150+00
155+00
160+00
165+00
170+00
175+00
180+00
185+00
190+00
195+00
200+00
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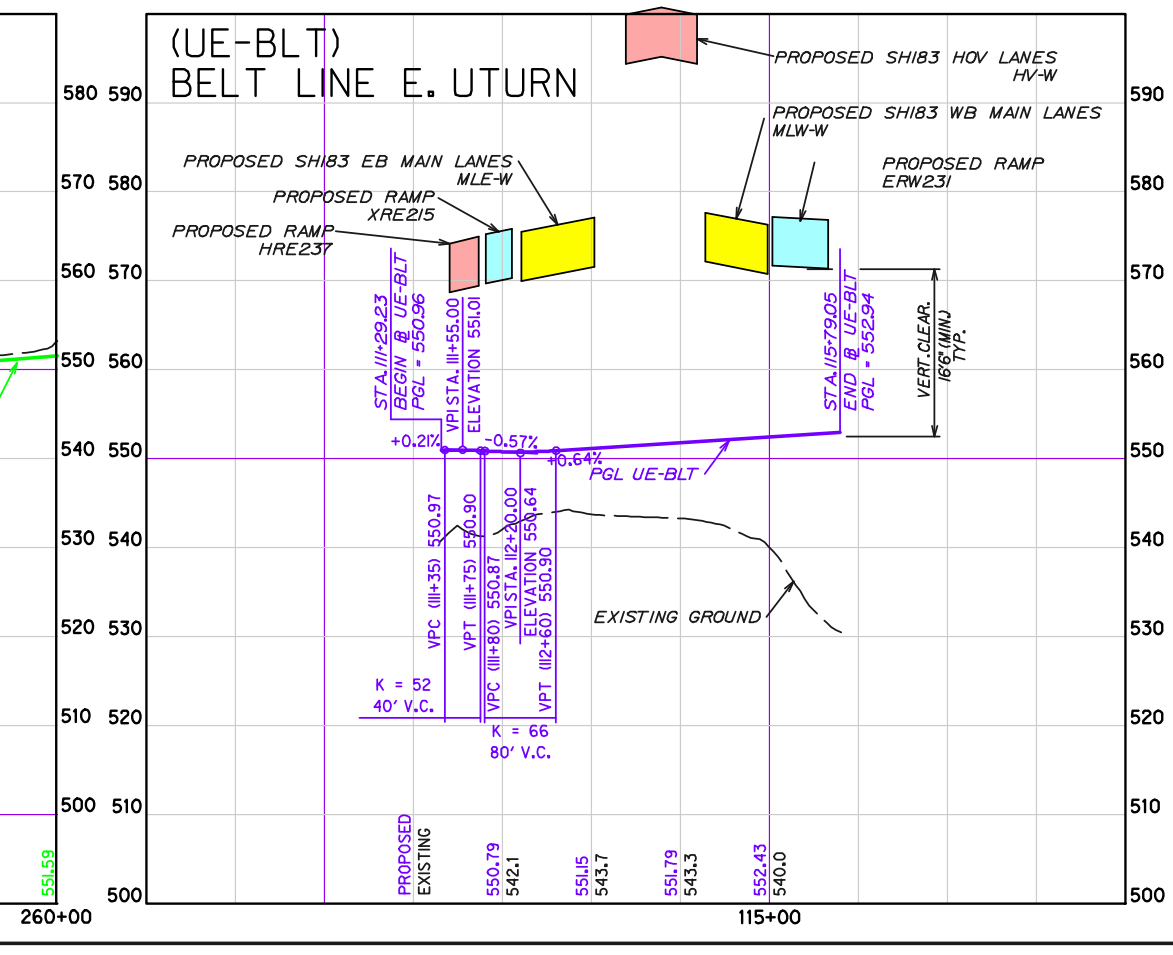
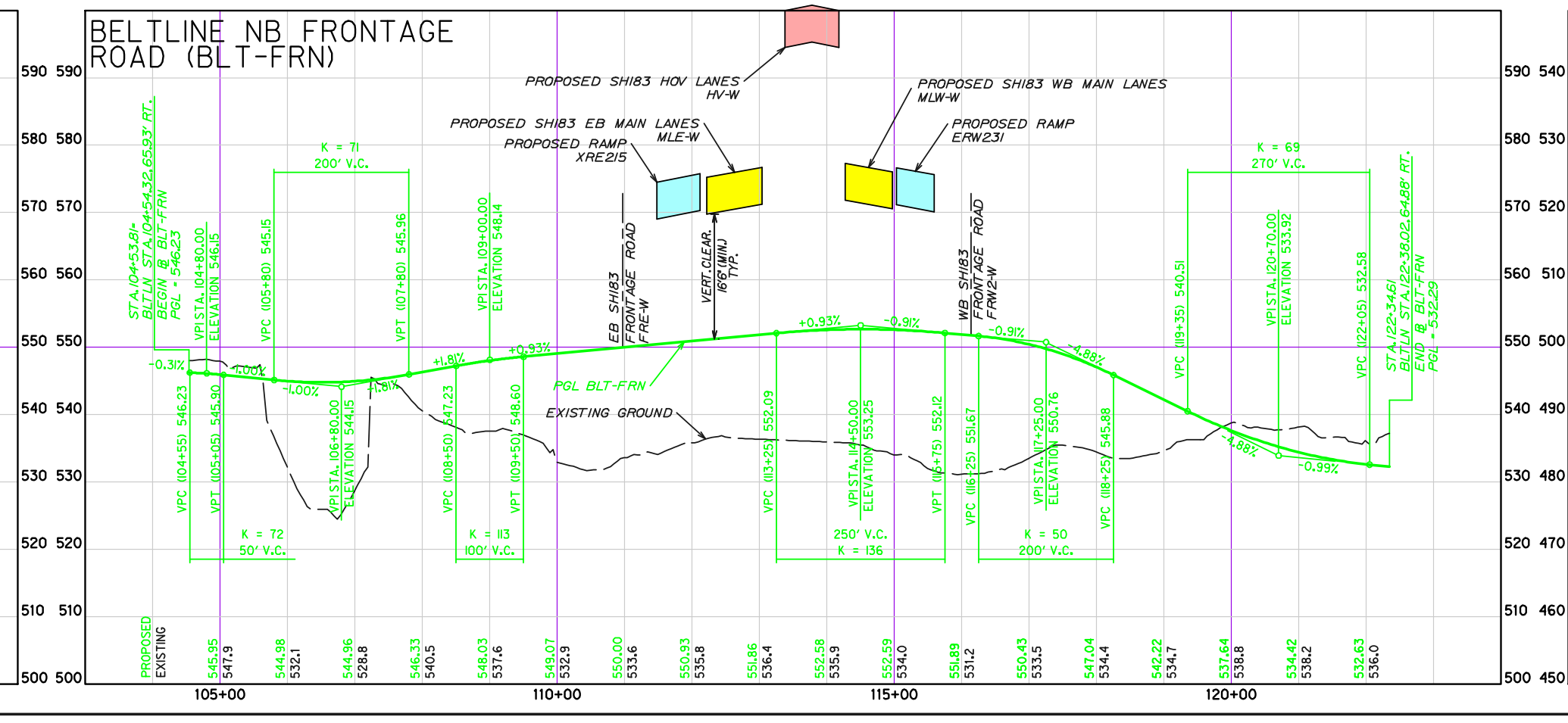
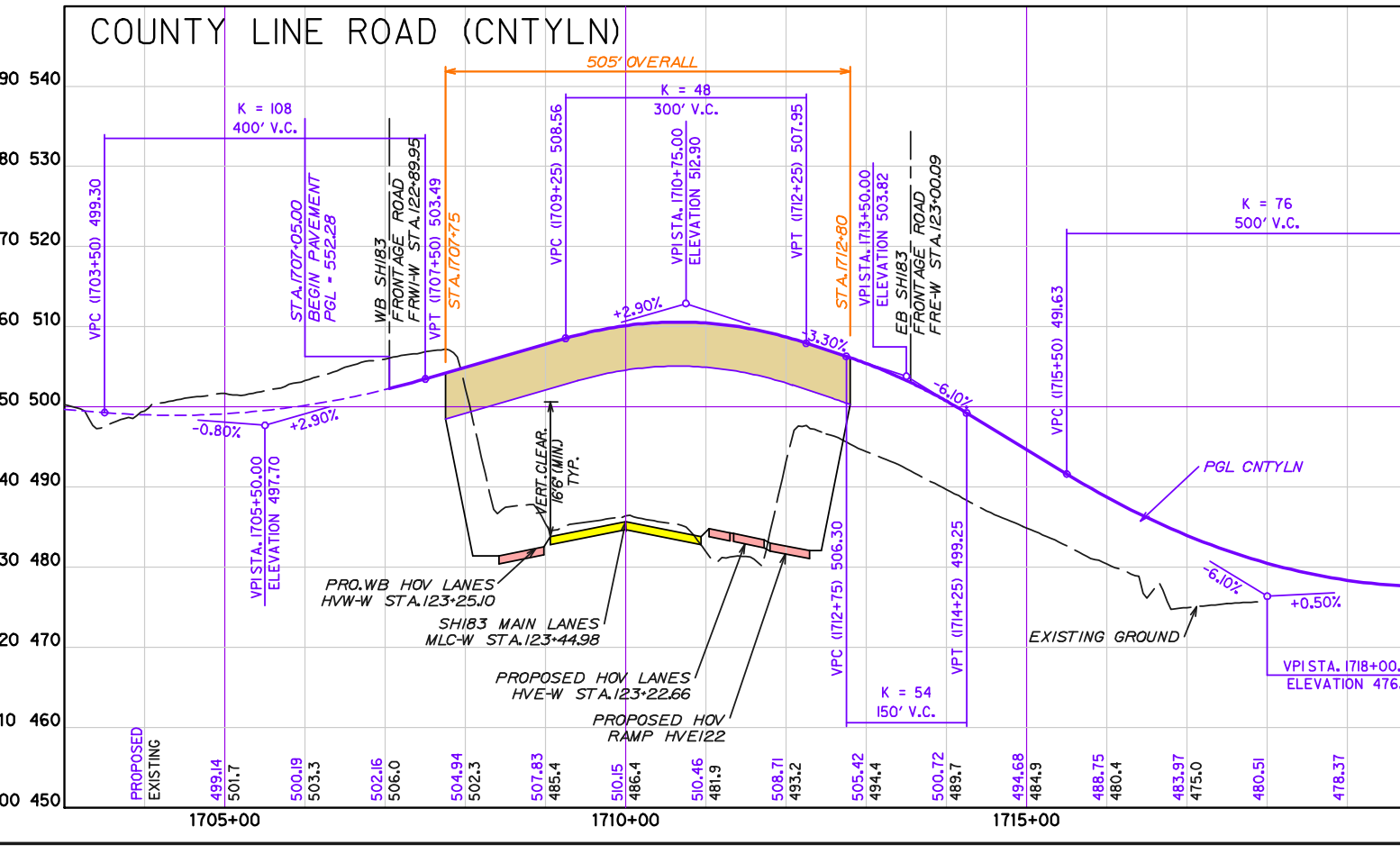
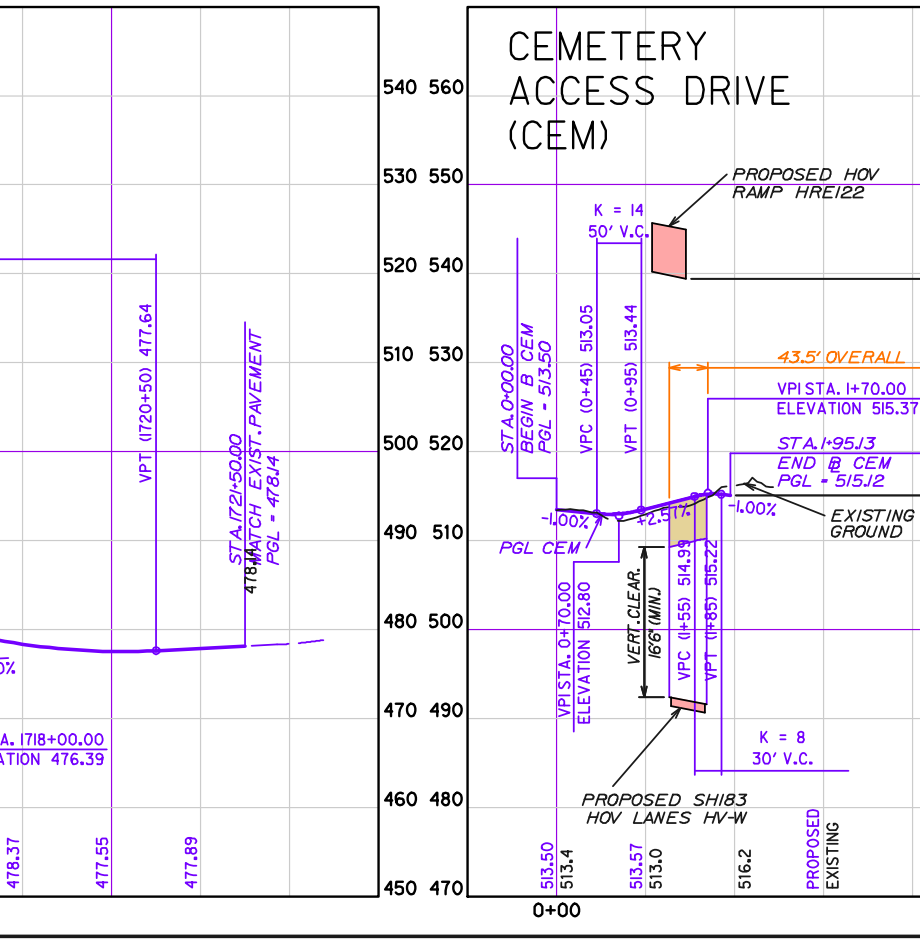
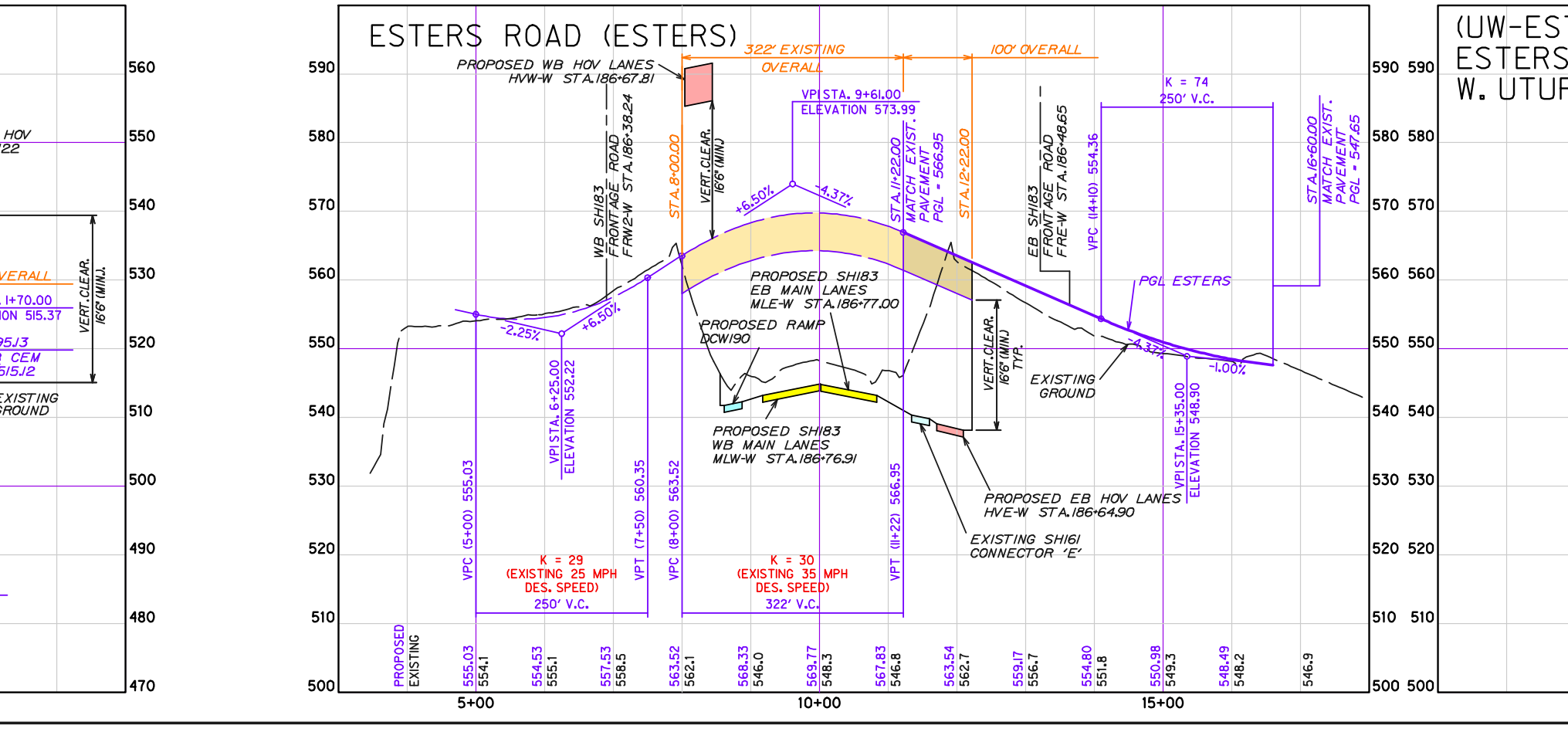
245+00
250+00
255+00
260+00

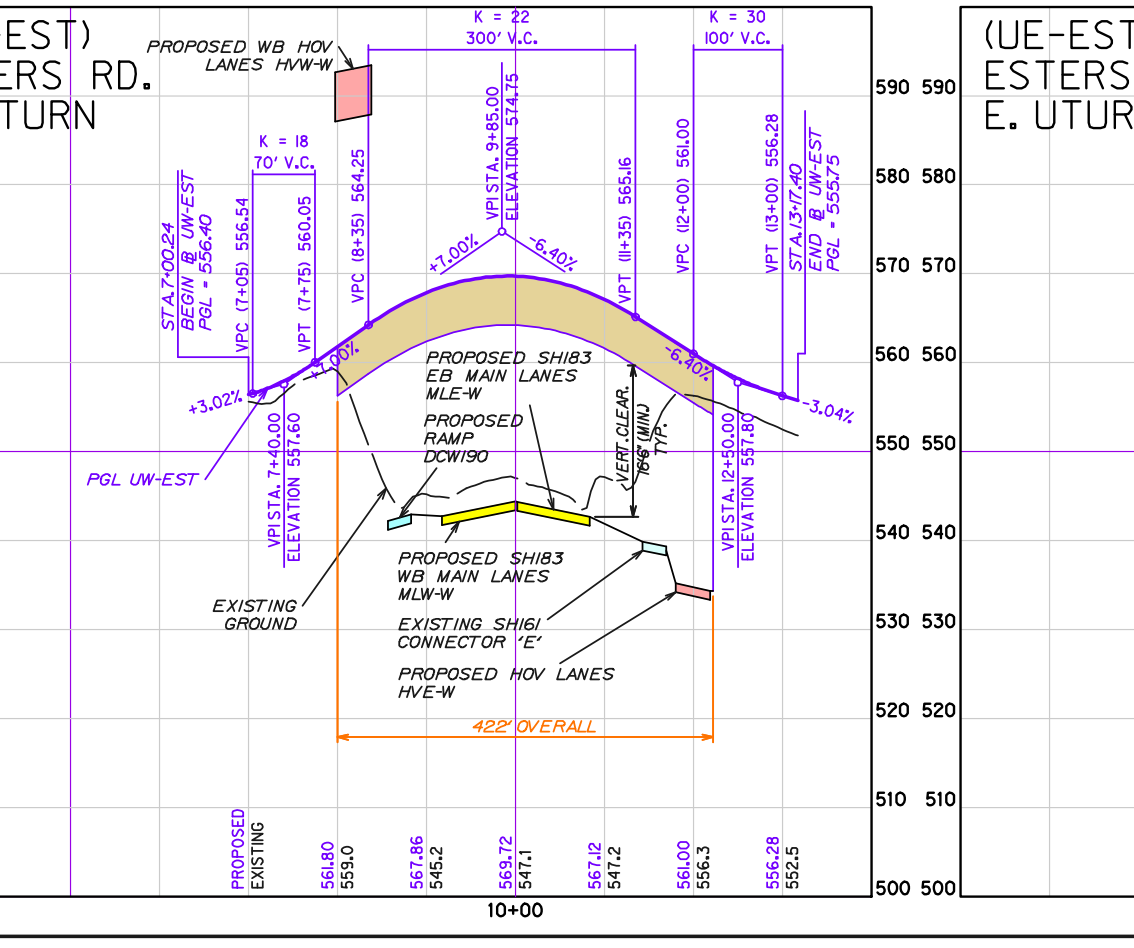

(UE-BLT)
BELT LINE E. UTURN
PROPOSED SH183 HOV LANES
PROPOSED SH183 WB MAIN LANES
PROPOSED SH183 EB MAIN LANES
PROPOSED RAMP XRE215
PROPOSED RAMP HRE237
PROPOSED RAMP ERW231
PGL UE-BLT
EXISTING GROUND
115+00

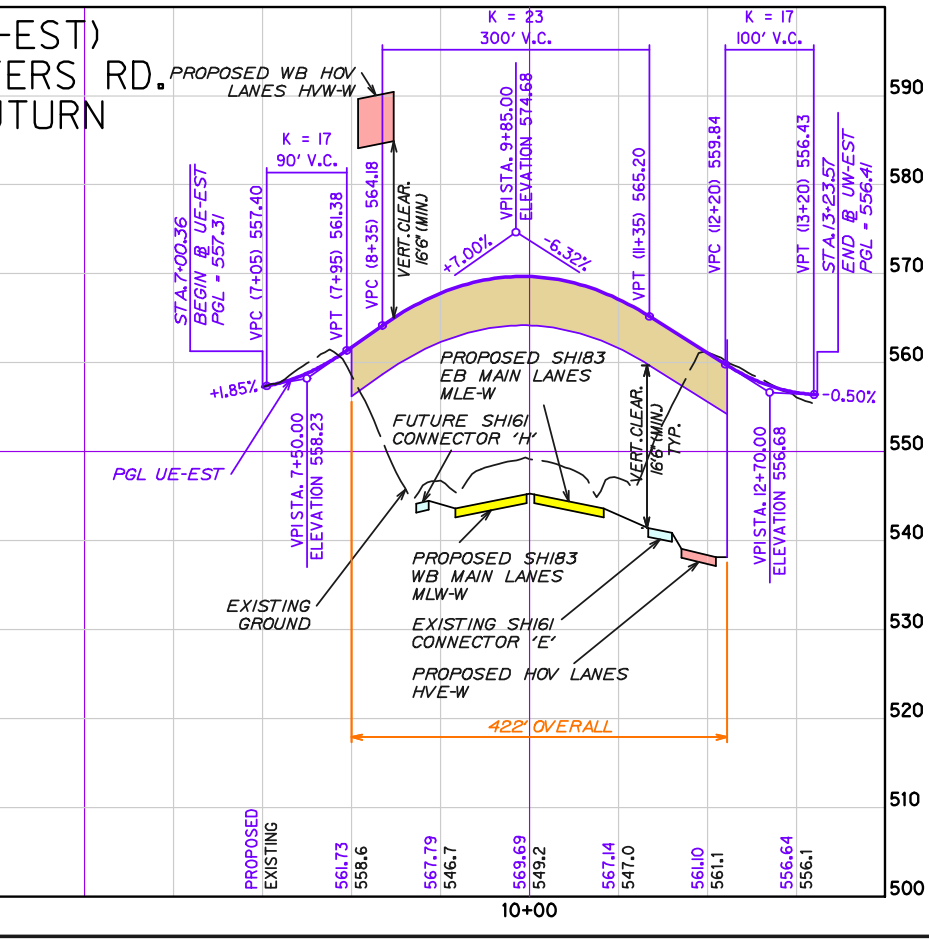

BELTLINE NB FRONTAGE ROAD (BLT-FRN)
PROPOSED SH183 HOV LANES
PROPOSED SH183 EB MAIN LANES
PROPOSED SH183 WB MAIN LANES
PROPOSED RAMP XRE215
PROPOSED RAMP ERW231
PGL BLT-FRN
EXISTING GROUND
105+00
110+00
115+00
120+00

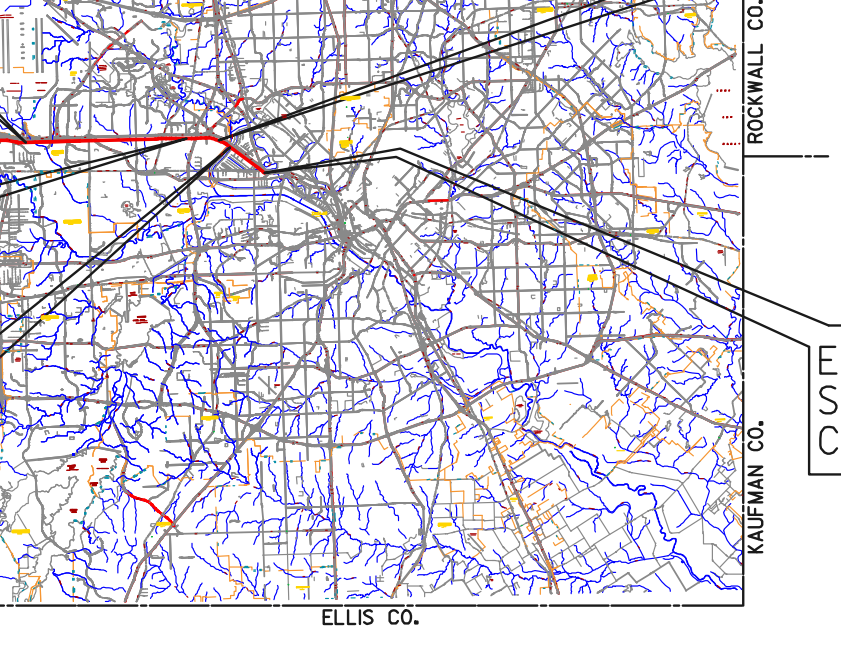

COUNTY LINE ROAD (CNTYLN)
PGL CNTYLN
PROP. WB HOV LANES
SH183 MAIN LANES
PROPOSED HOV LANES
PROPOSED SH183 HOV RAMP HRE122
EXISTING GROUND
1705+00
1710+00


CEMETERY ACCESS DRIVE (CEM)
PROPOSED HOV RAMP HRE122
EXISTING GROUND
PROPOSED SH183 HOV LANES HVW
0+00


ESTERS ROAD (ESTERS)
PROPOSED WB HOV LANES
PROPOSED SH183 EB MAIN LANES
PROPOSED SH183 WB MAIN LANES
PROPOSED RAMP DCW90
EXISTING GROUND
PROPOSED WB HOV LANES
EXISTING SH161 CONNECTOR 'E'
PGL ESTERS
5+00
10+00
15+00


(UW-EST)
ESTERS RD. W. UTURN
PROPOSED WB HOV LANES
PGL UW-EST
PROPOSED SH183 EB MAIN LANES
PROPOSED SH183 WB MAIN LANES
EXISTING GROUND
EXISTING SH161 CONNECTOR 'E'
PROPOSED HOV LANES
10+00


(UE-EST)
ESTERS RD. E. UTURN
PROPOSED WB HOV LANES
PGL UE-EST
PROPOSED SH183 EB MAIN LANES
PROPOSED SH183 WB MAIN LANES
EXISTING GROUND
FUTURE SH161 CONNECTOR 'H'
PROPOSED HOV LANES
10+00



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DALLAS DISTRICT
WILLIAM L. HALE, P.E., DISTRICT ENGINEER
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SH 183 FROM WEST OF SH 161 TO IH 35E DALLAS COUNTY
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