WILLIAMSON COUNTY

Texas Department of Transportation

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AUSTIN DISTRICT

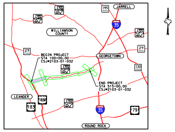
AUSTIN DISTRICT
PRELIMINARY DESIGN SCHEMATIC

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
WILLIAMSON COUNTY
RM 2243

PROJECT LIMIT: FROM US 183A
TO SOUTHWEST BYPASS
PROJECT LENGTH = 7.86 MILES
BRIDGE LENGTH = X.XX MILES
CSJ # 2103-01-032
REALIGN AND WIDEN EXISTING 2-LANE
ROADWAY TO FREEWAY

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATION:

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED	STATION RANGE
MAINLANE	URBAN FREEWAY	70 MPH	100+00 TO 515+00
FRONTAGE ROAD	MAJOR URBAN ARTERIAL	60 MPH	115+00 TO 500+00
FRONTAGE ROAD	MAJOR URBAN ARTERIAL	45 MPH	100+00 TO 115+00 500+00 TO 515+00
RAMP	N/A	45 MPH	ALL
DIRECT CONNECTOR	N/A	50 MPH	ALL


195
JARRELL
35
WILLIAMSON COUNTY
29
GEORGETOWN
29
130
BEGIN PROJECT
STA 100+00.00
CSJ#2103-01-032
END PROJECT
STA 515+00.00
CSJ#2103-01-032
LEANDER
183
183A
35
79
ROUND ROCK

PROJECT LOCATION
NOT TO SCALE

DESIGN EXCEPTIONS:	NONE
DESIGN WAIVERS:	NONE
DESIGN VARIANCE:	NONE
RAILROAD CROSSINGS:	NONE
NAD 83 STATE PLANE ZONE:	CENTRAL STATE ZONE (4203)
SURFACE ADJUSTMENT FACTOR:	1.00012
CURRENT ADT (2020):	14,990
PROJECTED ADT (2040):	44,600
e_max:	6%
PROPOSED DESIGN STANDARDS(STRUCTURES):	TXDOT BRIDGE DESIGN MANUAL - LRFD (JAN 2020)
PROPOSED DESIGN STANDARDS(ROADWAY):	TXDOT ROADWAY DESIGN MANUAL (JULY 2020) CHAPTER 3; SECTION 6; FREEWAYS
PROPOSED DESIGN STANDARDS(TRAFFIC):	TMUTCD (2011) & APPLICABLE TRAFFIC STANDARDS

PLAN LEGEND

🟩	PROPOSED MAIN LANE
▨	PROPOSED FRONTAGE ROAD
🟪	PROPOSED BRIDGE STRUCTURE
🟧	PROPOSED INTERSECTING CORRIDOR
🟥	PROPOSED RAMP
🟦	PROPOSED SIDEWALK
—·-—	EXISTING R.O.W.
—·-—	PROPOSED R.O.W.
←②	NUMBER OF LANES/DIRECTION OF TRAVEL

PRELIMINARY SCHEMATIC PREPARED BY:
BGE, INC.
REGISTRATION NUMBER F-1046
FOR INTERIM REVIEW ONLY. NOT FOR PERMITTING, BIDDING OR CONSTRUCTION.
Prepared by or under the
Direct Supervision of:

NAME	P.E. NUMBER
WESLEY E. JASEK	65957
ERIC BUSKER	123341

DATE: 5/25/2021

PRELIMINARY
SUBJECT TO CHANGE

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Tel: 512-879-0400 • www.bgeinc.com
TBPE Registration No. F-1046

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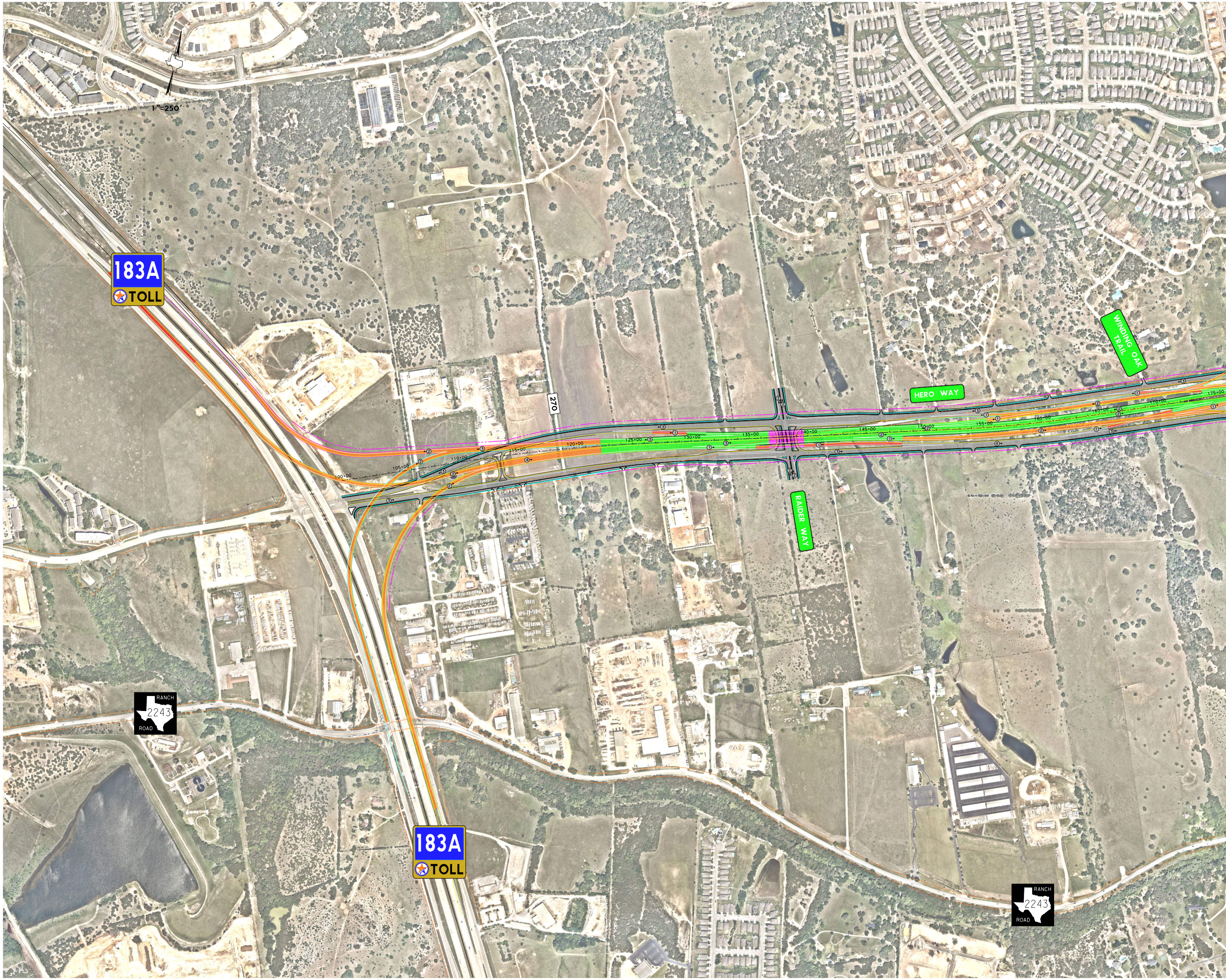
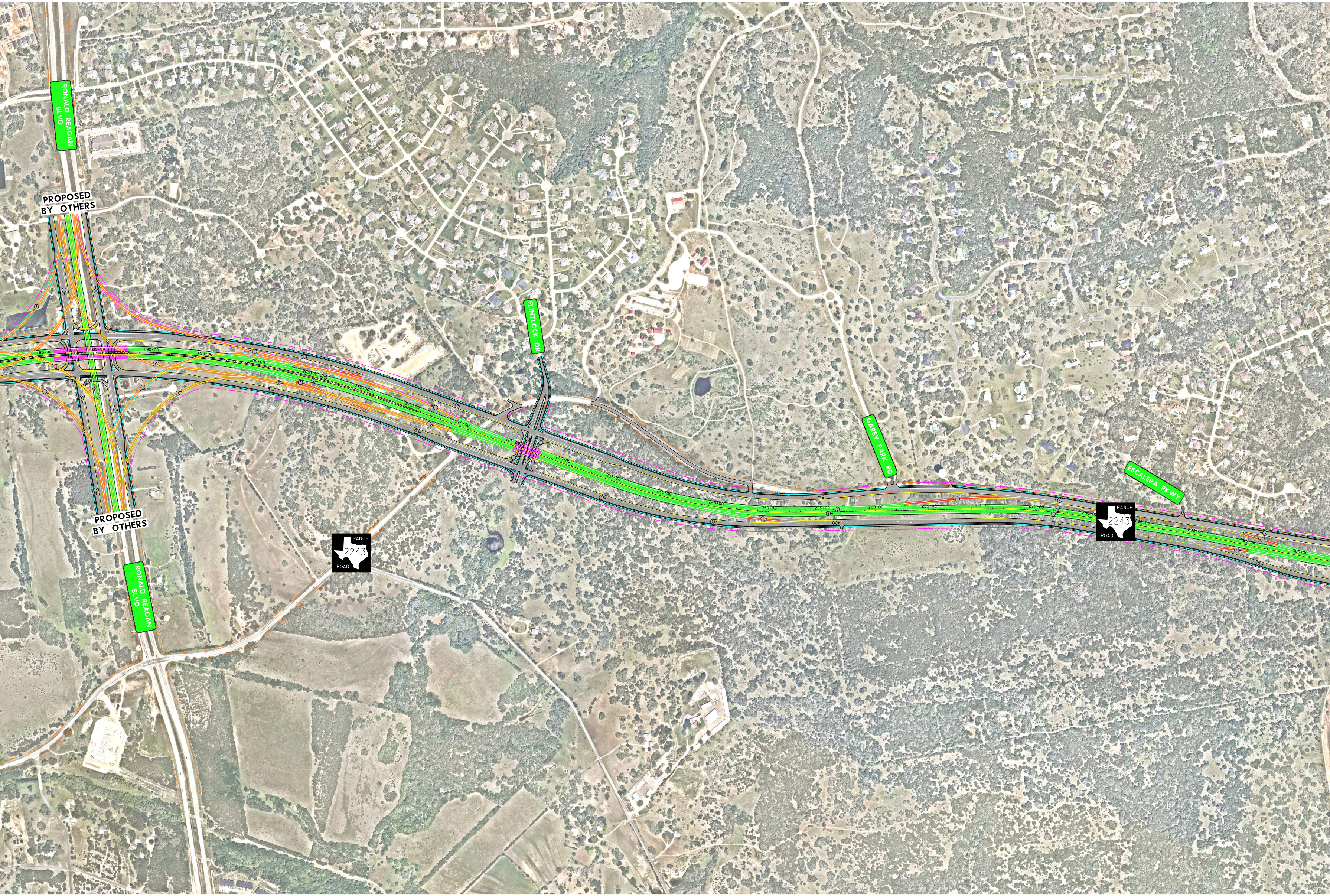

1"=250'
183A TOLL
270
HERO WAY
WINDING OAK TRAIL
RAIDER WAY
100+00
105+00
110+00
115+00
120+00
125+00
130+00
135+00
140+00
145+00
150+00
155+00
160+00
165+00
170+00
175+00
RANCH 2243 ROAD
183A TOLL
RANCH 2243 ROAD


RONALD REAGAN BLVD
PROPOSED BY OTHERS
FLINTLOCK DR
GAREY PARK RD
ESCALERA PKWY
RANCH 2243 ROAD
PROPOSED BY OTHERS
RONALD REAGAN BLVD
RANCH 2243 ROAD
180+00
185+00
190+00
195+00
200+00
205+00
210+00
215+00
220+00
225+00
230+00
235+00
240+00
245+00
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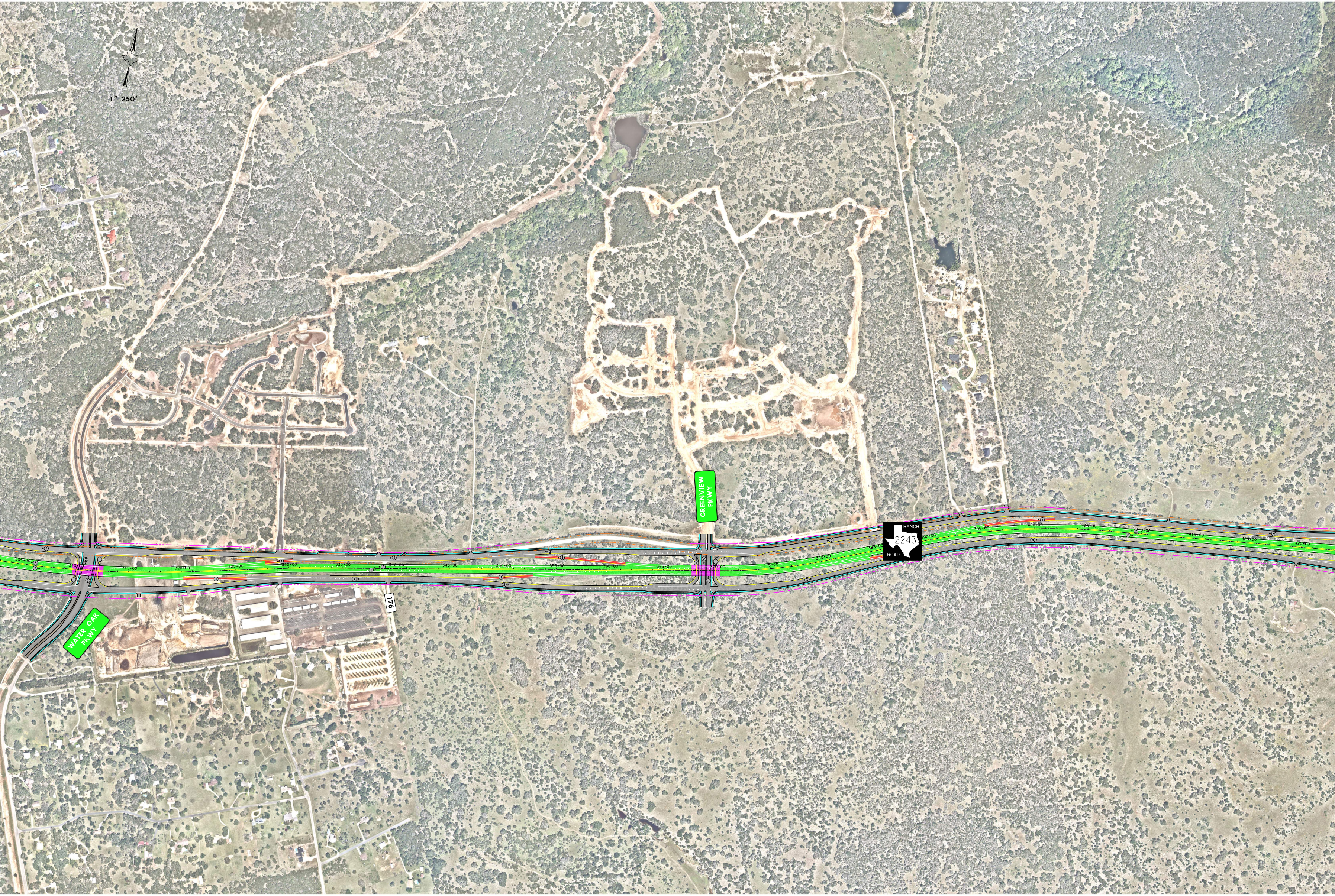
285+00
290+00
295+00
300+00



1"=250'
GREENVIEW PKWY
WATER OAK PKWY
RANCH ROAD 2243
176
305+00
310+00
315+00
320+00
325+00
330+00
335+00
340+00
345+00
350+00
355+00
360+00
365+00
370+00
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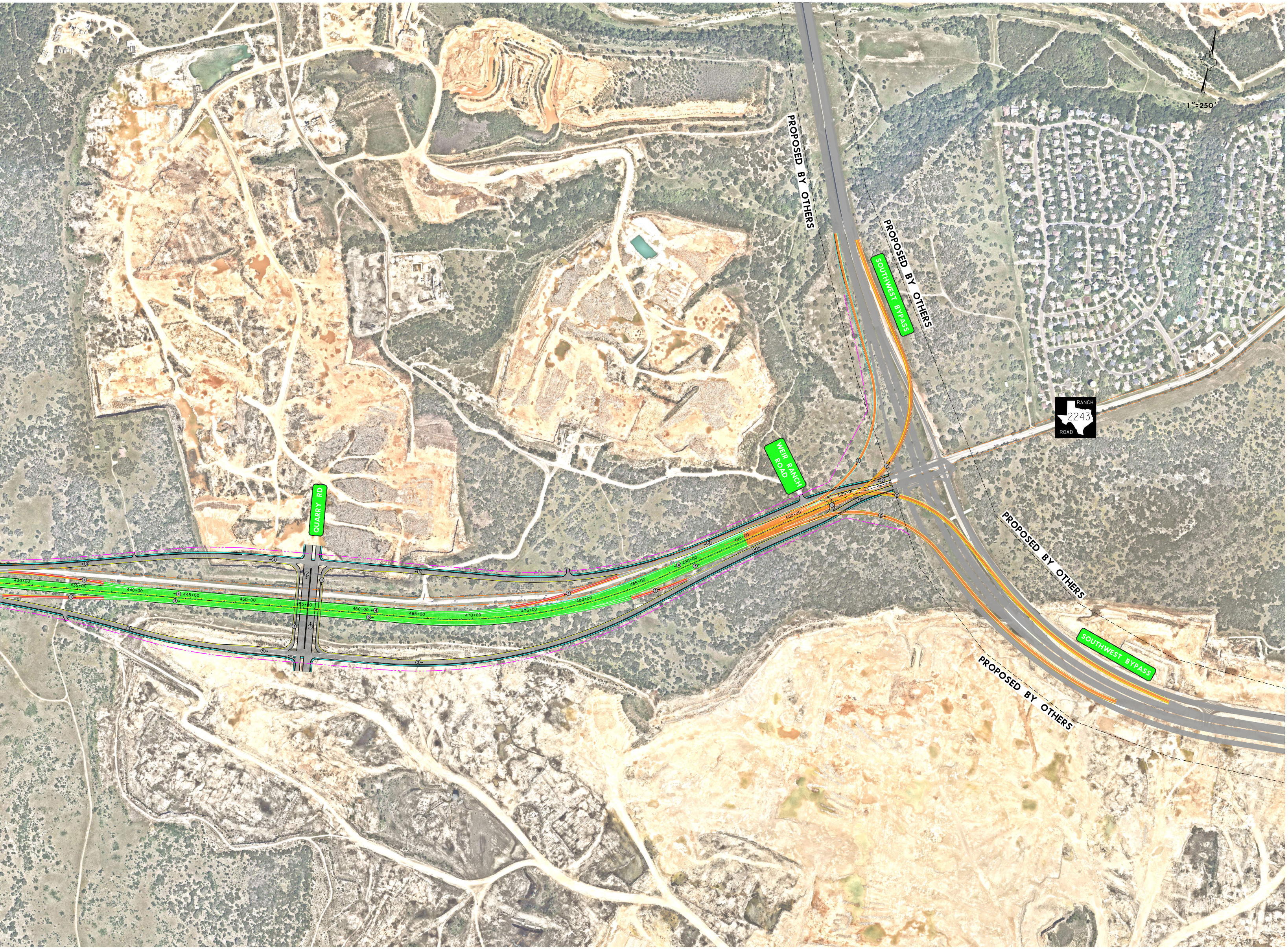
385+00
390+00
395+00
400+00
405+00
410+00
415+00
420+00
425+00


1"=250'
PROPOSED BY OTHERS
PROPOSED BY OTHERS
SOUTHWEST BYPASS
RANCH 2243 ROAD
WEIR RANCH ROAD
QUARRY RD
430+00
435+00
440+00
445+00
450+00
455+00
460+00
465+00
470+00
475+00
480+00
485+00
490+00
495+00
500+00
505+00
PROPOSED BY OTHERS
SOUTHWEST BYPASS
PROPOSED BY OTHERS