Texas Department of Transportation

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TEXAS DEPARTMENT OF TRANSPORTATION
AUSTIN DISTRICT
TRAVIS COUNTY

TERRY McCOY, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CSJ: 0113-13-166

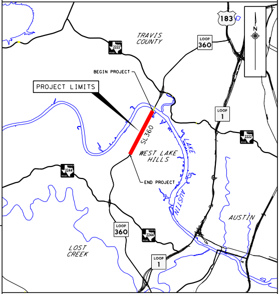
CURRENT ADT:	PROJECTED ADT:
2020: 52,050	2040: 71,700

# LOOP 360
# GEOMETRIC DESIGN EXHIBIT
FROM SOUTH OF WAYMAKER WAY TO LAKE AUSTIN

NET LENGTH OF PROJECT:
10,118.84 FEET = 1.916 MILES
- ROADWAY:
  10,118.84 FEET = 1.916 MILES
- BRIDGE:
  0 FEET = 0 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
MAINLANES	URBAN ARTERIAL	60 MPH
FRONTAGE ROADS	URBAN COLLECTOR	45 MPH
RAMPS	RAMPS	50 MPH
SIDE STREETS	URBAN MINOR ARTERIAL	30 MPH

GEOMETRIC DESIGN EXHIBIT
LOOP 360 AT WESTLAKE DR


183
N
TRAVIS COUNTY
LOOP 360
2222
BEGIN PROJECT
PROJECT LIMITS
LOOP 1
2223
SL 360
WEST LAKE HILLS
LAKE AUSTIN
2244
END PROJECT
AUSTIN
LOOP 360
2244
LOST CREEK
LOOP 1

LOCATION MAP N.T.S.
SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.00011

UNDERPASS AT WESTLAKE DRIVE
AND AT CEDAR STREET

SCALE

HORZ SCALE: 1"=100'
0 50 100

DESIGN STANDARDS USED

TXDOT ROADWAY DESIGN MANUAL: 2018
TXDOT HYDRAULIC DESIGN MANUAL: 2016
TRB HIGHWAY CAPACITY MANUAL: 2010
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

DESIGN VALUES USED

SUPER ELEVATION MAX (emax) = 6%

BRIDGES

WESTLAKE DR NBI NUMBER: TBD
CEDAR CREEK NBI NUMBER: TBD

SURVEY

NOT A BIDDING DOCUMENT

4/8/2019
DATE

JOSE M. SANDOVAL, P.E.
P.E. #90593
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT

RECOMMENDED BY LUCAS SHORT, P.E.
ROADWAY TEAM LEADER

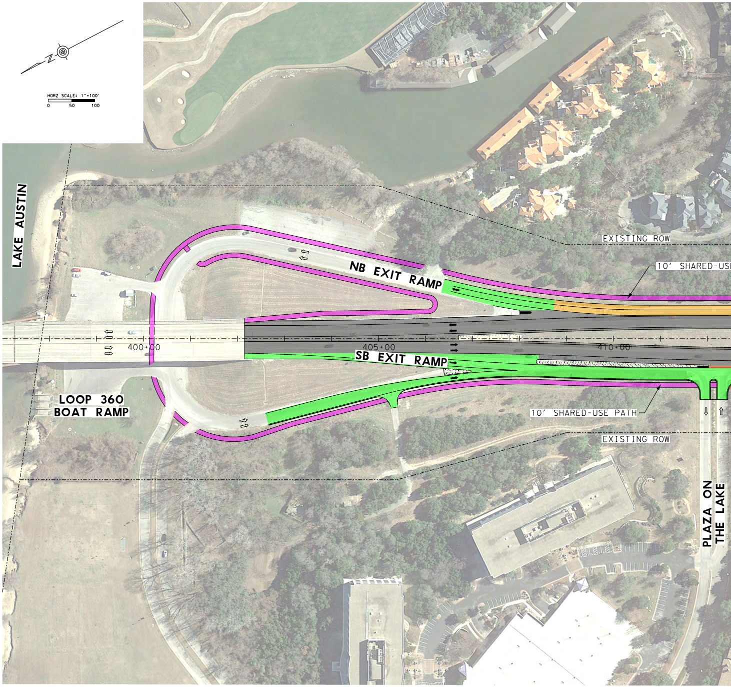
RECOMMENDED BY DWAYNE HALBARDIER, P.E.
DISTRICT DESIGN ENGINEER

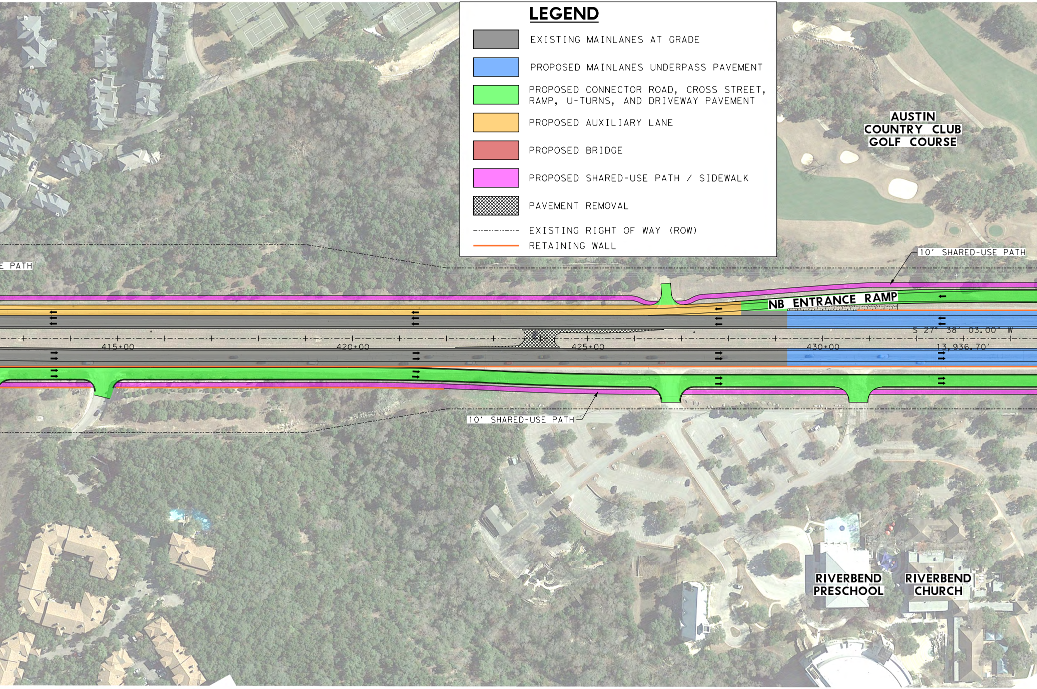
RECOMMENDED BY EPIGMENIO GONZALEZ, P.E.
AREA ENGINEER

APPROVED BY MARISABEL RAMTHUN, P.E.
DIRECTOR, TRANSPORTATION PLANNING & DEVELOPMENT

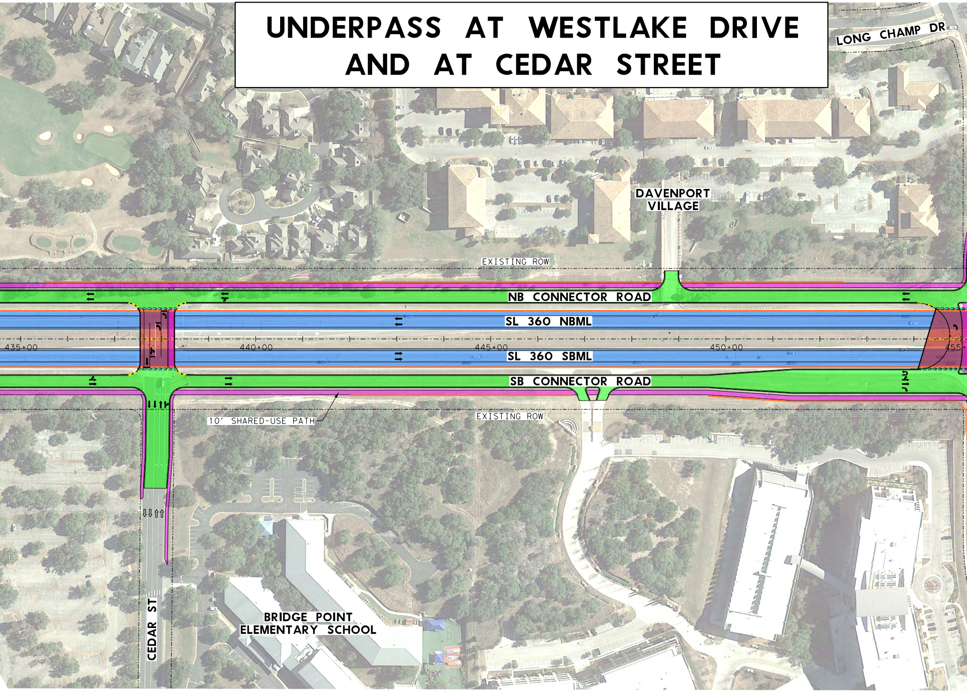
WSP USA Inc
1601 S MoPac Expy, Suite 325
Austin, TX 78746
TEL: 737.703.3900
TBPE F-2263

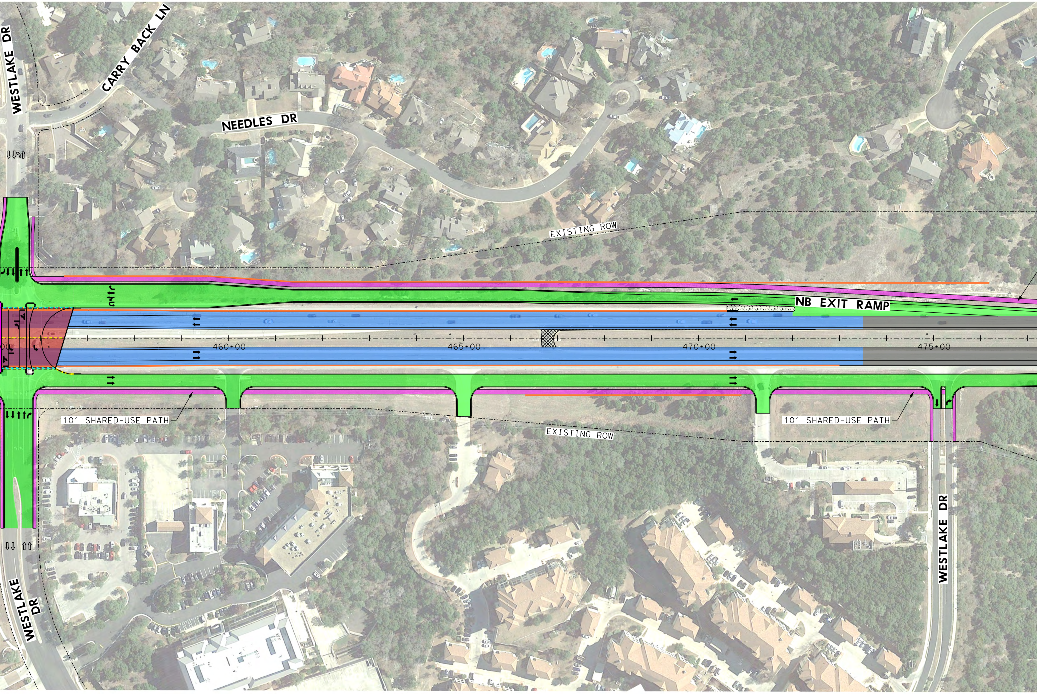
STATE	DIST.	COUNTY	
TEXAS	AUS	TRAVIS	
CONT.	SECT.	JOB	HIGHWAY NO.
0113	13	166	LOOP 360

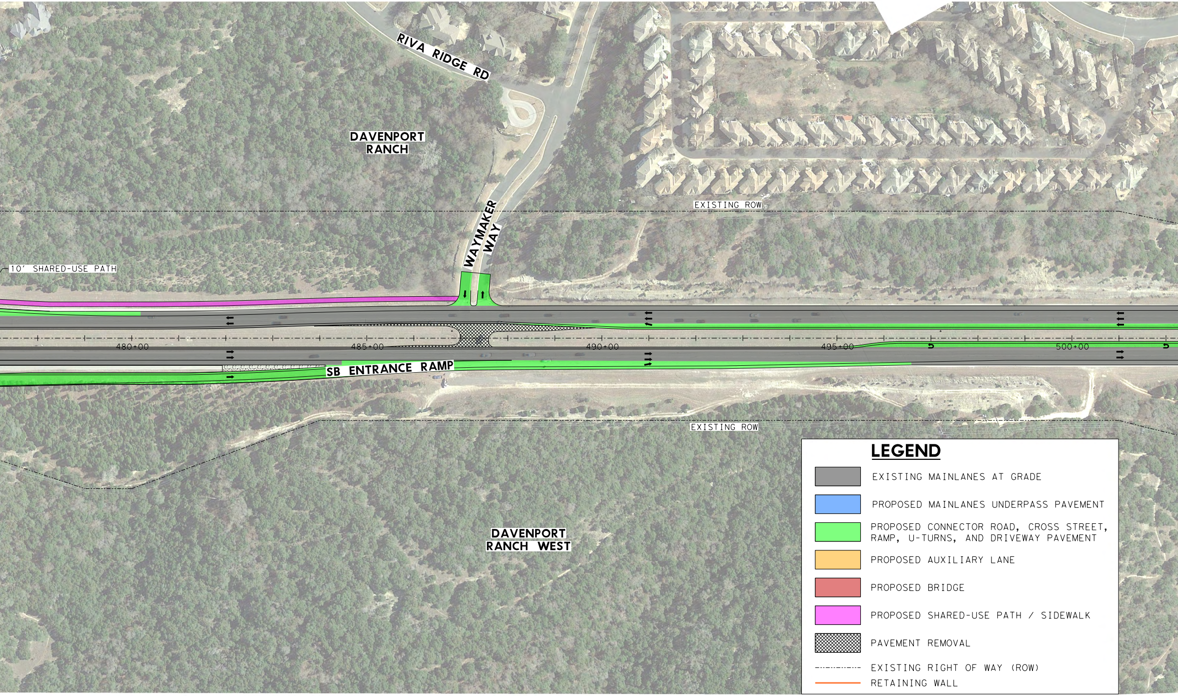

N
HORZ SCALE: 1"=100'
0 50 100
LAKE AUSTIN
EXISTING ROW
10' SHARED-USE
NB EXIT RAMP
400+00
405+00
410+00
SB EXIT RAMP
LOOP 360 BOAT RAMP
10' SHARED-USE PATH
EXISTING ROW
PLAZA ON THE LAKE


LEGEND
EXISTING MAINLANES AT GRADE
PROPOSED MAINLANES UNDERPASS PAVEMENT
PROPOSED CONNECTOR ROAD, CROSS STREET, RAMP, U-TURNS, AND DRIVEWAY PAVEMENT
PROPOSED AUXILIARY LANE
PROPOSED BRIDGE
PROPOSED SHARED-USE PATH / SIDEWALK
PAVEMENT REMOVAL
EXISTING RIGHT OF WAY (ROW)
RETAINING WALL
AUSTIN COUNTRY CLUB GOLF COURSE
E PATH
10' SHARED-USE PATH
NB ENTRANCE RAMP
S 27° 38' 03.00" W
415+00
420+00
425+00
430+00
13,936.70'
10' SHARED-USE PATH
RIVERBEND PRESCHOOL
RIVERBEND CHURCH

UNDERPASS AT WESTLAKE DRIVE AND AT CEDAR STREET


LONG CHAMP DR
DAVENPORT VILLAGE
EXISTING ROW
NB CONNECTOR ROAD
SL 360 NBML
435+00
440+00
445+00
450+00
455+
SL 360 SBML
SB CONNECTOR ROAD
10' SHARED-USE PATH
EXISTING ROW
BRIDGE POINT ELEMENTARY SCHOOL
CEDAR ST


WESTLAKE DR
CARRY BACK LN
NEEDLES DR
EXISTING ROW
NB EXIT RAMP
460+00
465+00
470+00
475+00
10' SHARED-USE PATH
EXISTING ROW
10' SHARED-USE PATH
WESTLAKE DR
WESTLAKE DR


RIVA RIDGE RD
DAVENPORT RANCH
WAYMAKER WAY
EXISTING ROW
10' SHARED-USE PATH
480+00
485+00
490+00
495+00
500+00
SB ENTRANCE RAMP
EXISTING ROW
DAVENPORT RANCH WEST
LEGEND
EXISTING MAINLANES AT GRADE
PROPOSED MAINLANES UNDERPASS PAVEMENT
PROPOSED CONNECTOR ROAD, CROSS STREET, RAMP, U-TURNS, AND DRIVEWAY PAVEMENT
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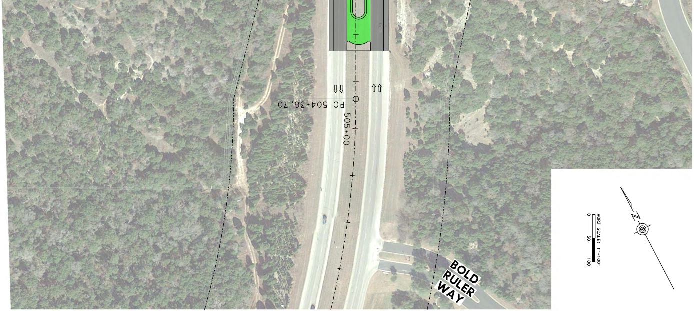
EXISTING RIGHT OF WAY (ROW)
RETAINING WALL


PC 504+36.70
505+00
BOLD RULER WAY
HORZ SCALE: 1"=100'
0
50
100

© 2019 Texas Department of Transportation	GEOMETRIC DESIGN EXHIBIT LOOP 360 AT WESTLAKE DR	UNDERPASS AT WESTLAKE DRIVE AND AT CEDAR STREET	WSP USA Inc 1601 S MoPac Expy, Suite 325 Austin, TX 78746 TEL: 737.703.3900 TBPE F-2263

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4/8/2019