GEOMETRIC SCHEMATIC DESIGN

EXPAND FROM 2 LANES TO 4 LANES WITH 4 FT SHOULDERS
FROM TPC PARKWAY TO HIRSING DR
EVANS RD
BEXAR COUNTY

ADT: 12,396 (2010)
FUNCTIONAL CLASS = MAJOR COLLECTOR

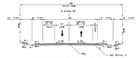
NET LENGTH OF PROJECT = 6,395 FT + 1 SER NB
NET LENGTH OF ROADWAY = 7,710 FT + 1 ABS NB

LOCATION MAP
NTS

TYPICAL SECTIONS

PROPOSED TYPICAL SECTION
EXISTING RD TO STA 124+00
NOTE: SHOULDER WIDTH VARIES TO MATCH EXISTING
6 FT WIDE BIKE LANE ON EACH SIDE
PAVE 2 FT ON EACH SIDE

PROPOSED TYPICAL SECTION
STA 124+00 TO STA 155+00
NOTE: SHOULDER WIDTH VARIES TO MATCH EXISTING

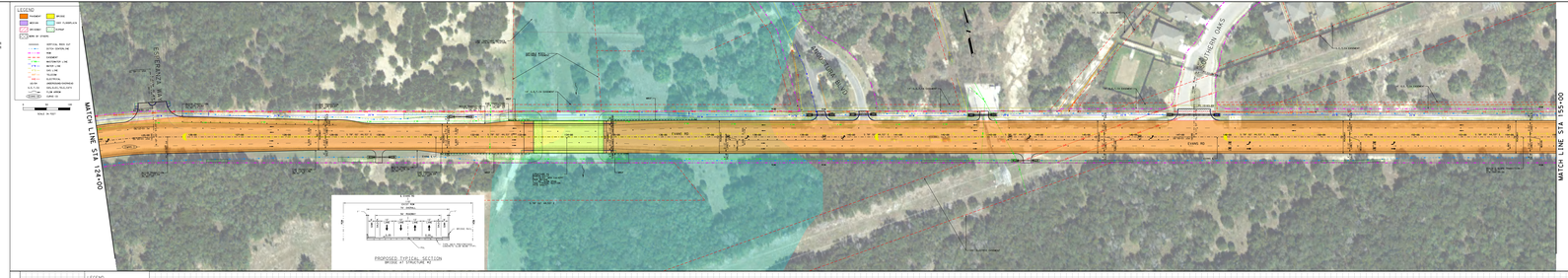


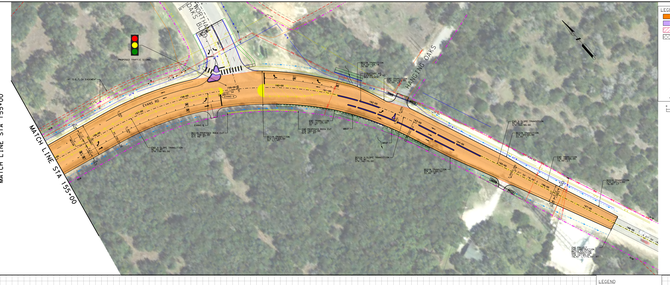
PROPOSED TYPICAL SECTION
STA 155+00 TO PROJECT END

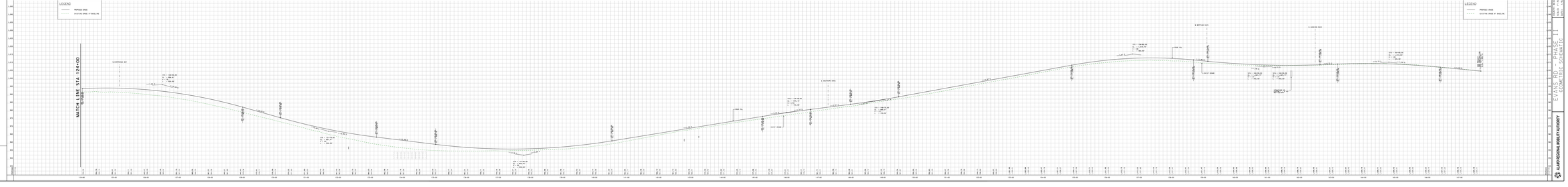
DATE:	JAN 2016
SCALE:	1" 50' H 1" 10' V
DESIGN SPEED:	45 MPH (LOW SPEED URBAN)
TERRAIN:	ROLLING

SYSTEM REVIEW ONLY	
APPR.: PUBLIC INFORMATION	
APPR.: ENGINEERING	
P.E. NAME:	
P.E. NO.:	
DATE:	

BEARING BASED ON THE TEXAS STATE PLANE COORDINATE
SYSTEM, NAD83, SOUTH CENTRAL ZONE AND ADJUSTED TO SURFACE
USING PROJECTED SURFACE ALIGNMENT IN FOOT OF FLOAT






LEGEND
PROPOSED GRADE
EXISTING GRADE AT BASELINE
MATCH LINE STA 124+00
MATCH LINE STA 155+00
E.EXISTING RD
E.BEFORE RD
E.AFTER RD
E.EXISTING RD
E.BEFORE RD
E.AFTER RD
VCL = 1,000.00 LF
K = 200.00
PVI = 1,000.00
PVC = 1,000.00
PVT = 1,000.00