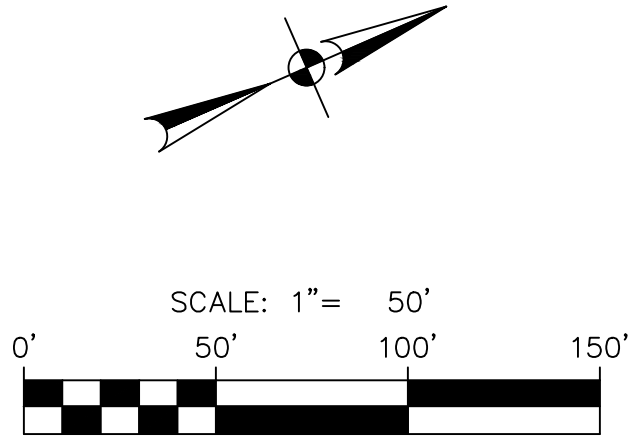


Table 4-14: Lengths of Left, Right, Median, and Dual Turn Lanes¹

Design Speed (mph)	Deceleration Length (ft) ² Speed Differential ³			Taper Length (ft)	Minimum ^{4,7} Storage Length (ft)
	None	5-mph ⁴	10-mph ⁵		
30	150	105	70	50 ⁶	100
35	205	150	105	50 ⁶	
40	265	205	150	50 ⁶	
45	340	265	205	100 ⁶	
50	415	340	265	100 ⁶	
55	505	415	340	100 ⁶	

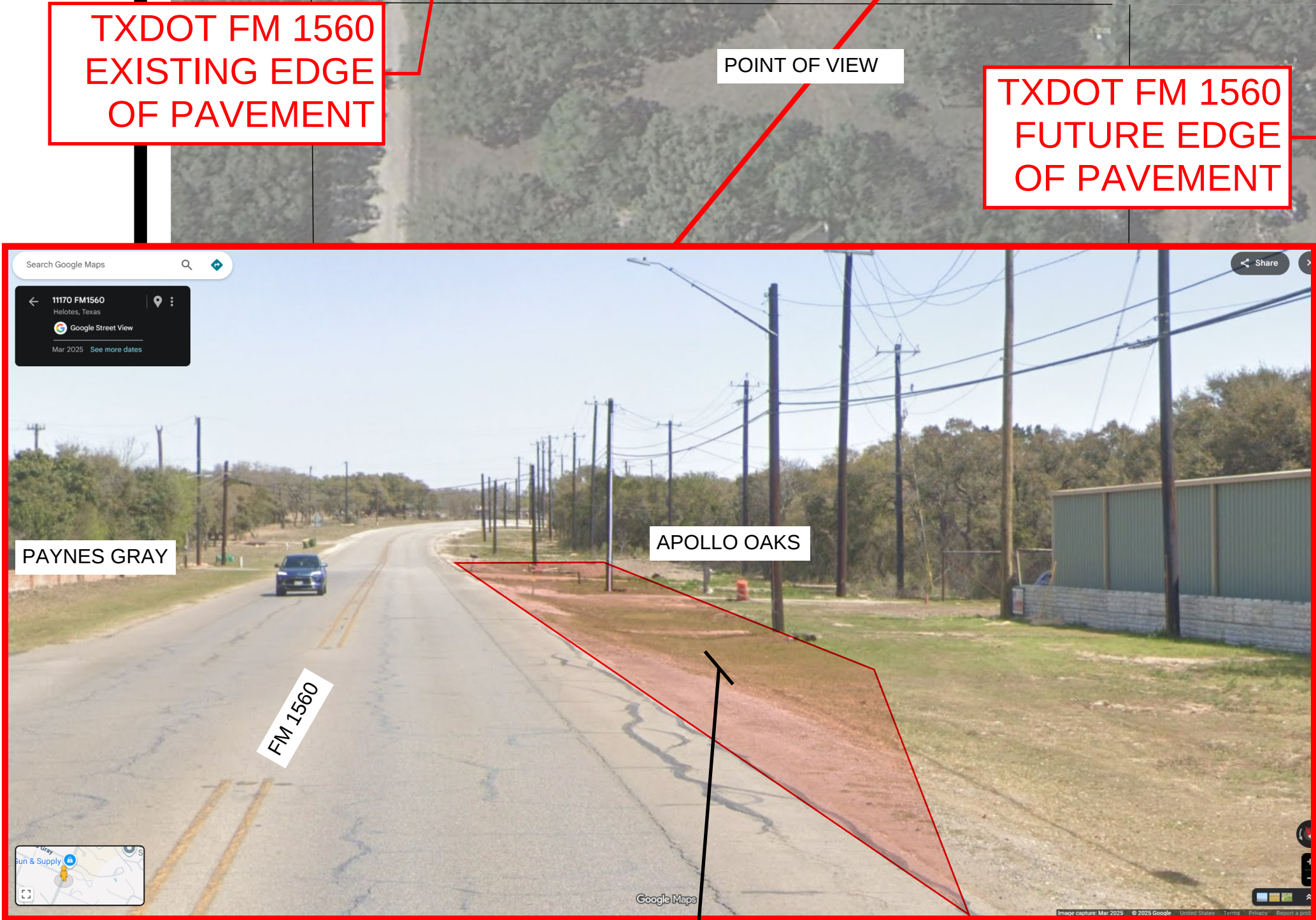


DATE	
NO.	
REVISION	

PAPE – DAWSON
2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028600

APOLLO OAKS
SAN ANTONIO, TEXAS
FM 1560 - RIGHT TURN LANE

PLAT NO.	-
JOB NO.	13832-21
DATE	SEPTEMBER 2025
DESIGNER	CB
CHECKED	JA
DRAWN	CB
SHEET	1 OF 1



TRIP GENERATION FOR APOLLO OAKS

Apollo Oaks - ITE Trip Generation 11th Ed.

Land Use (ITE Code)	Size (X)	Independent Variable (IV)	Trip Generation Method	AM Peak Hour		PM Peak Hour		Daily Rate	AM Peak Hour		PM Peak Hour		Daily Trips
				Entering Rate	Exiting Rate	Entering Rate	Exiting Rate		Enter Trips	Exit Trips	Enter Trips	Exit Trips	
Single-Family Attached Housing (215)	75.0	Dwelling Units	Average Rate	0.12	0.36	0.34	0.23	7.2	9	27	25	18	540
Assumptions: Setting/Location = General Urban/Suburban									9	27	25	18	
Total									36		43		540

