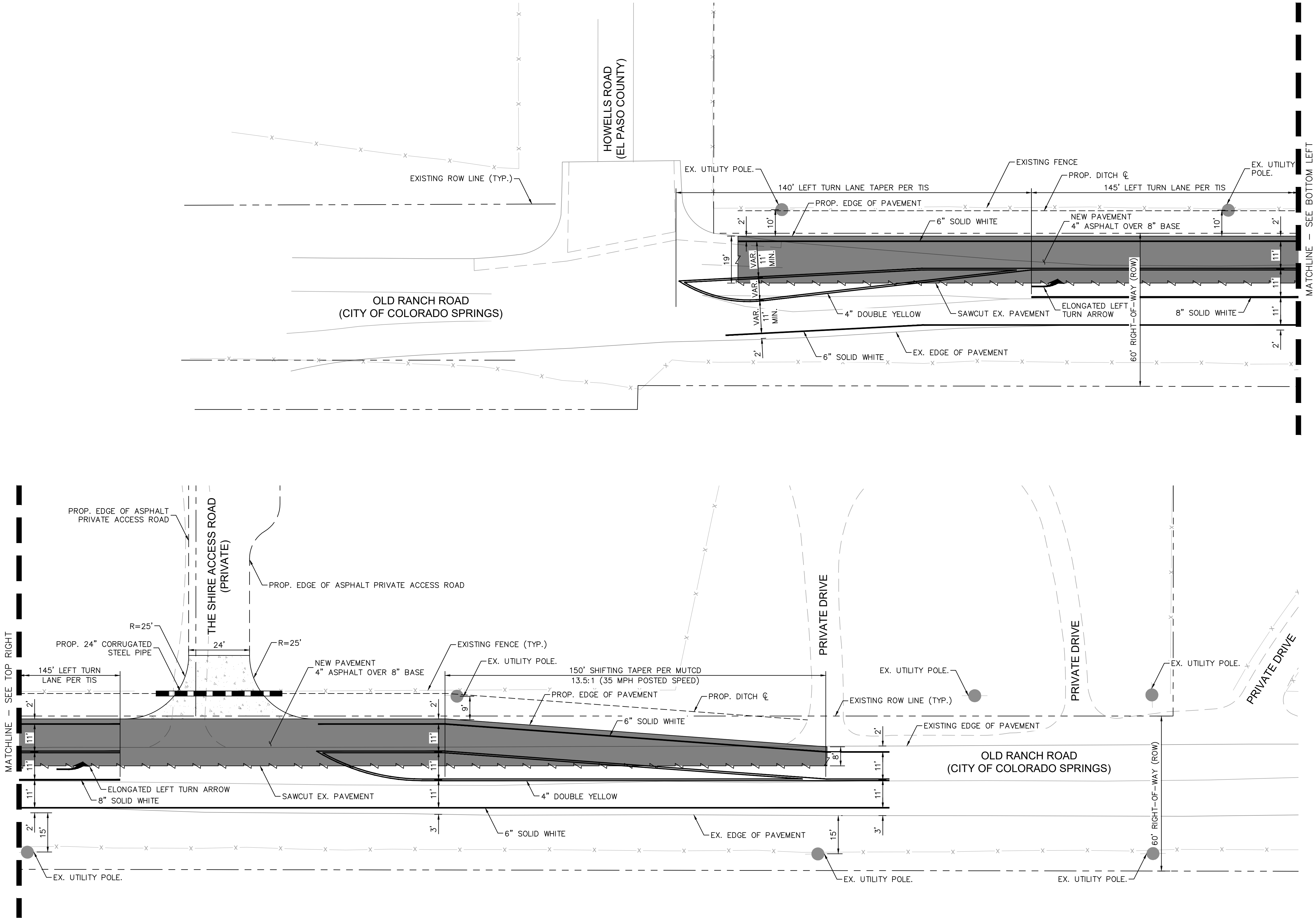
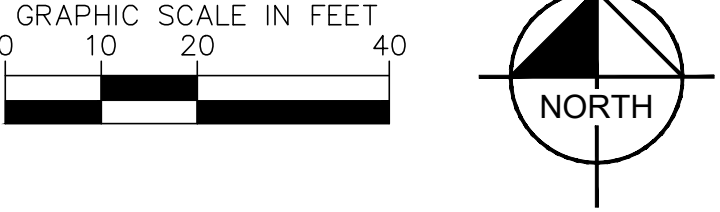


K:\COS\RDWY\XXXXXX_The Shire\CADD\Exhibits\2025-0106_Left Turn Exhibit.dwg Stevenson, Clarissa 1/10/2025
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- GENERAL NOTES:**
- LEFT TURN LANE LENGTH AND TAPER LENGTH ARE PER THE SHIRE AT OLD RANCH TRAFFIC IMPACT STUDY.
 - PAVEMENT SECTION IS ASSUMED TO BE 4" HOT MIX ASPHALT (HMA) OVER 12" AGGREGATE BASE COURSE (ABC) PER THE CITY OF COLORADO SPRINGS PAVEMENT DESIGN CRITERIA MANUAL, TABLE 9 (MINOR ARTERIAL).
 - PROPOSED PAVEMENT 
 - PROPOSED CONCRETE DRIVEWAY APRON (ON-SITE) 
 - PAVEMENT MARKINGS FOR CENTERLINE AND EDGELINE STRIPES ARE TO BE EPOXY PAVEMENT MARKINGS.
 - PAVEMENT MARKINGS FOR SYMBOLS ARE TO BE THERMOPLASTIC PAVEMENT MARKINGS.
 - EXISTING PAVEMENT MARKINGS WITHIN LIMITS OF IMPROVEMENTS ARE TO BE REMOVED BY SANDBLASTING.

DESIGN CRITERIA	
ROADWAY CLASSIFICATION	MINOR ARTERIAL (RURAL)
DESIGN SPEED	40 MPH
POSTED SPEED	35 MPH
GRADE (MIN./MAX.)	1.0%/4.0%
INTERSECTION GRADES (MIN.)	1.0%
MINIMUM S.S.D. HORIZONTAL	305'
MINIMUM S.S.D. VERTICAL (CREST CURVE/DESIGN K)	105'/44
MINIMUM S.S.D. VERTICAL (SAG CURVE/DESIGN K)	305'/64
2027 DESIGN TRAFFIC	ADT = 4,450
CLEAR ZONE DISTANCE	445'
DESIGN VEHICLE	WB-50
ALL CRITERIA IS REFERENCED FROM THE CITY OF COLORADO SPRINGS ENGINEERING CRITERIA MANUALS, UNLESS OTHERWISE STATED.	



Print Date: January 10, 2025		SHEET REVISIONS			AS CONSTRUCTED		THE SHIRE AT OLD RANCH ROAD OFF-SITE IMPROVEMENT PLANS PAVING & STRIPING IMPROVEMENTS			PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION  Kimley-Horn and Associates, Inc.		PROJECT NO./CODE				
Drawing File Name: left turn exhibit.dwg												Date:		Comments:		Init.
Horizontal Scale:														SHEET NUMBER		
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