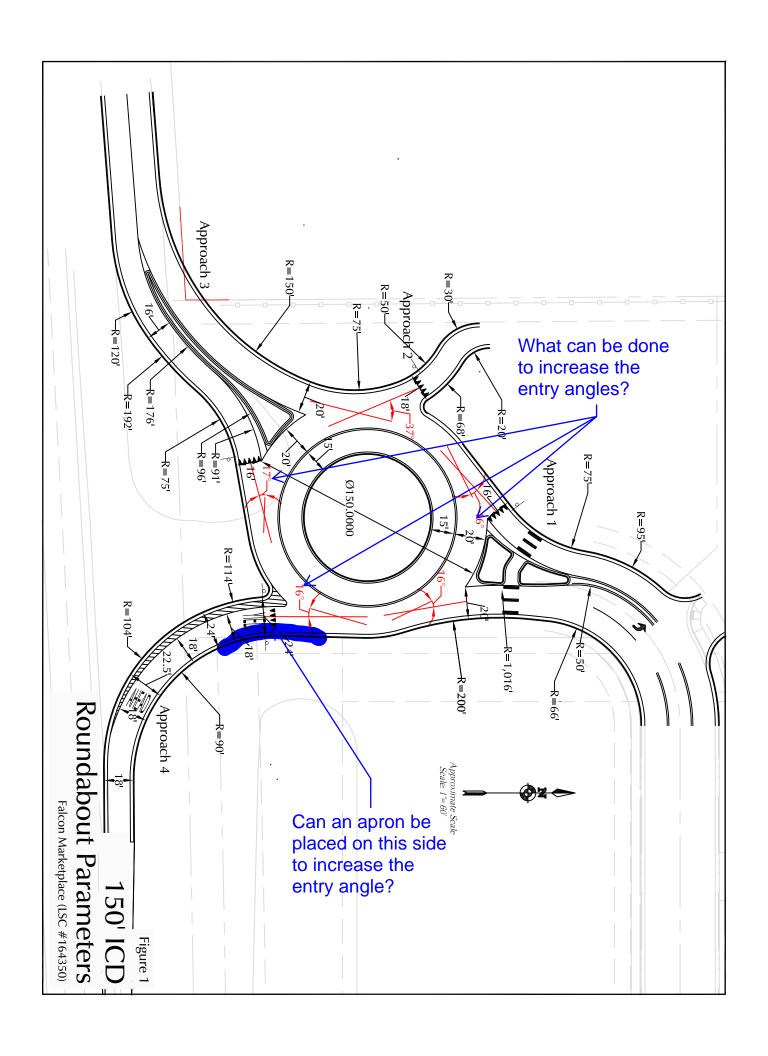


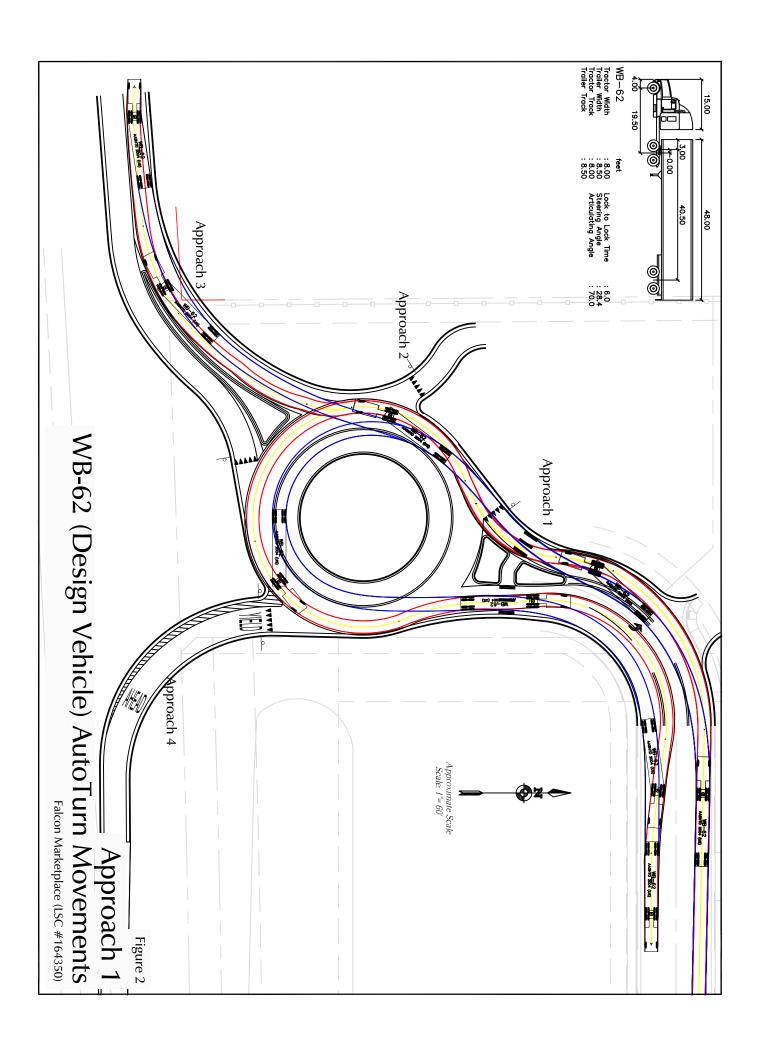
Northeast Roundabout Falcon Marketplace Preliminary Eastonville/Falcon Market Place El Paso County

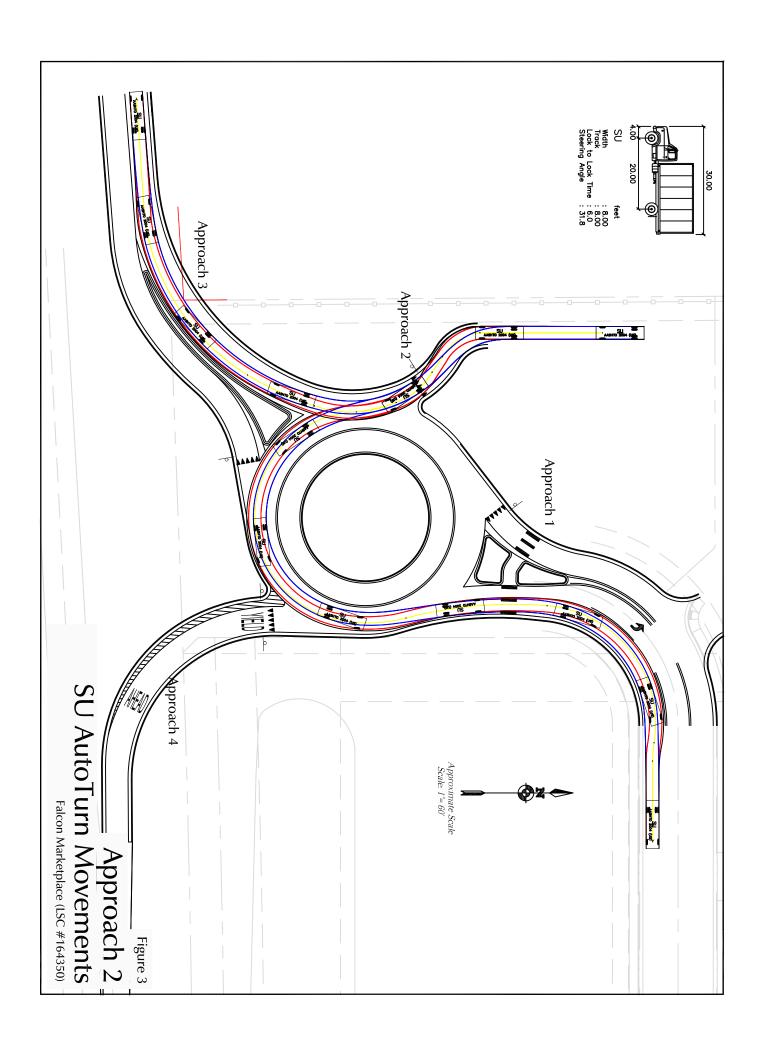
ROUNDABOUT CRITICAL DESIGN PARAMETERS

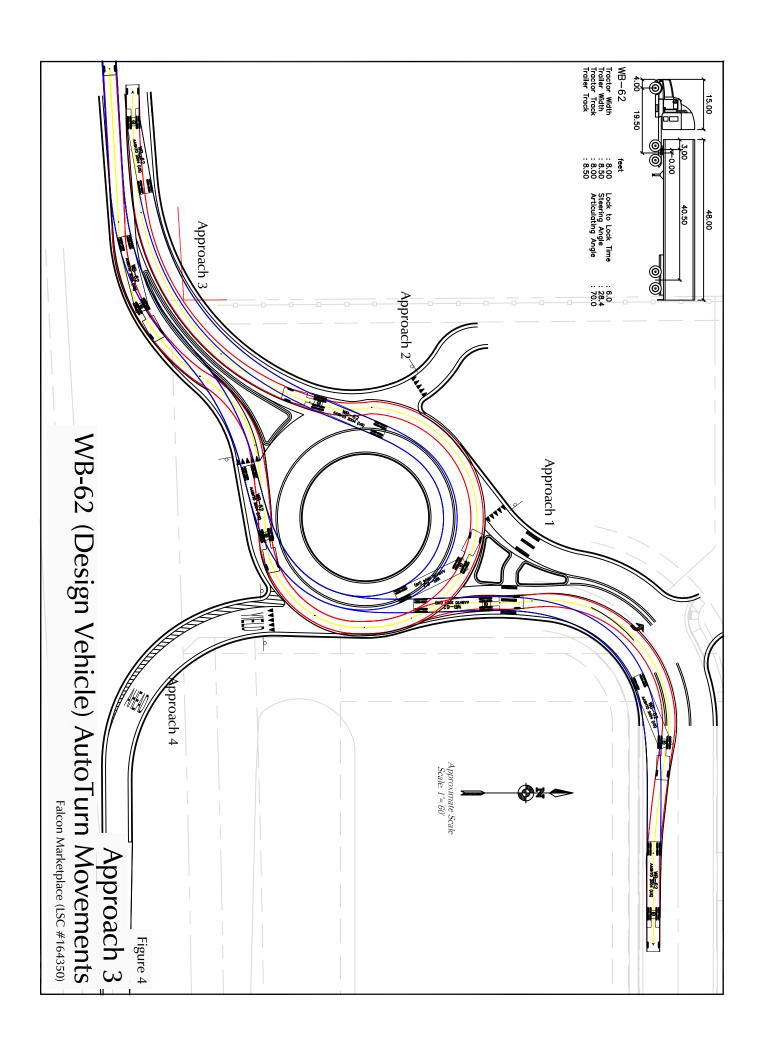
	LE	LEG 1		LEG 2		G 3	LEG 4	LEG 5	LEG 6
DESIGN PARAMETERS									
Approach Width, FT		17.0		21.0		21.0			
Entry Width, FT		18.0		16.0		16.0			
Entry Angle, PHI Φ, DEG		21.0		17.0		21.0			
Inscribed Circle Diameter, FT		135.0		135.0		135.0			
Exit Width, FT		26.0							
Circulating Roadway Width Upstream of Entry, FT		20.0		20.0		20.0			
FASTEST SPEED PATH									
R ₁ , Radius/Speed, FT/MPH	225	27	165	24	165	24			
R ₂ , Radius/Speed, FT/MPH			85	19	85	19			
R ₃ , Radius/Speed, FT/MPH	834	46	620	39	620	39	<u></u>	1	
R ₄ , Radius/Speed, FT/MPH	57	17	020	- 00	57	17			
R ₅ , Radius/Speed, FT/MPH	31	17	160	24	31	17			
Bypass R ₅ , Radius/Speed, FT/MPH		<u> </u>	100	24			<u>_</u>		
bypass K 5, Radius/Speed, FT/MPH									
MINIMUM SIGHT PARAMETERS									
Approach Design Speed, MPH									
Horizontal Stopping Sight Distance, FT									
Circulating Intersection Sight Distance, FT/MPH									
Entering Intersection Sight Distance, FT/MPH									
D : V ! : 1									
Design Vehicle: WB-62									
Truck Apron Width: 12									
rrdok/tprofit Width.									
OSOW Accommodations:									
Circulating Roadway Cross-Slope:									
A Control									
Access Control:									
Parking Control:									
Bicycle & Pedestrian Accommodations:									
Designer									
Designer:									
Reviewer:									
01011471177									
SIGNATURE:				•			DATE	:	
NAME:									
NAME:									

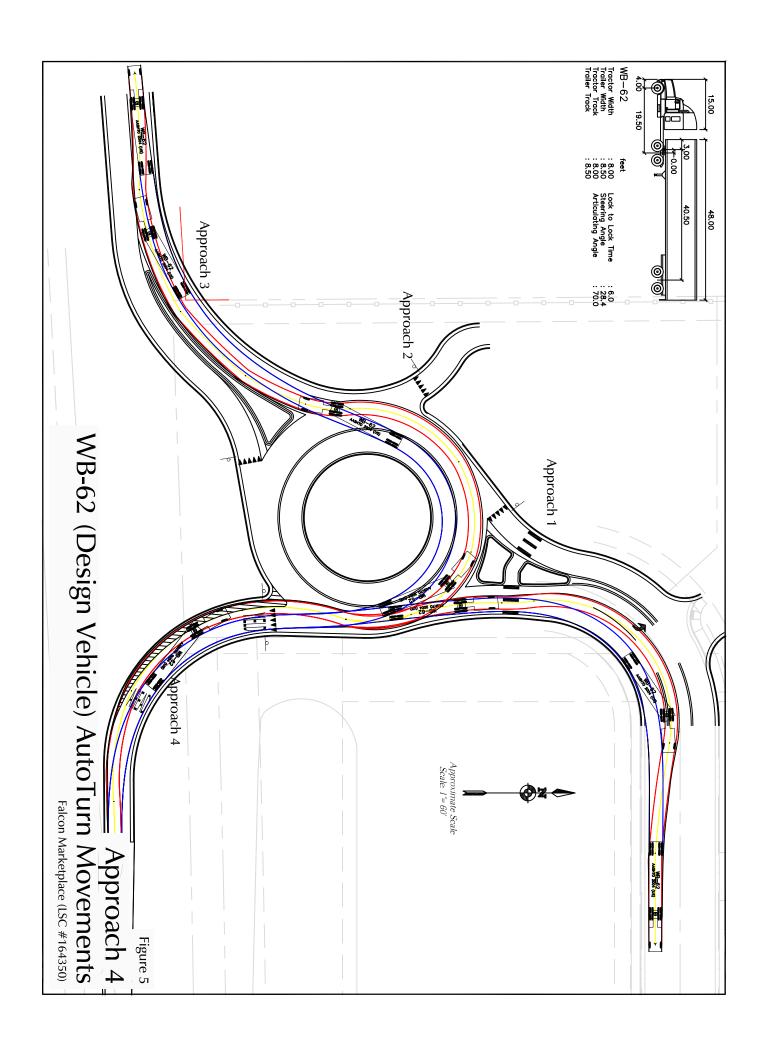
The reviewer's signature on this document indicates that the design has been reviewed and is in general compliance with good roundabout principals. The critical design elements have been addressed. The project design engineer in responsible charge of final plan development will stamp the plans when applicable.

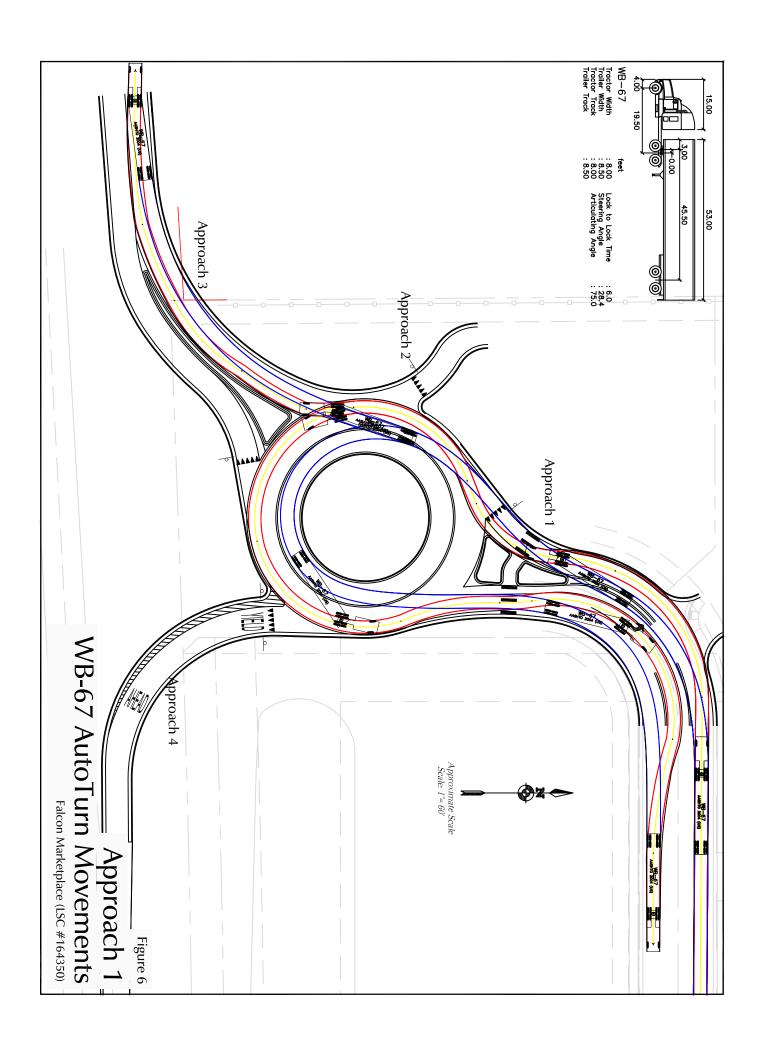


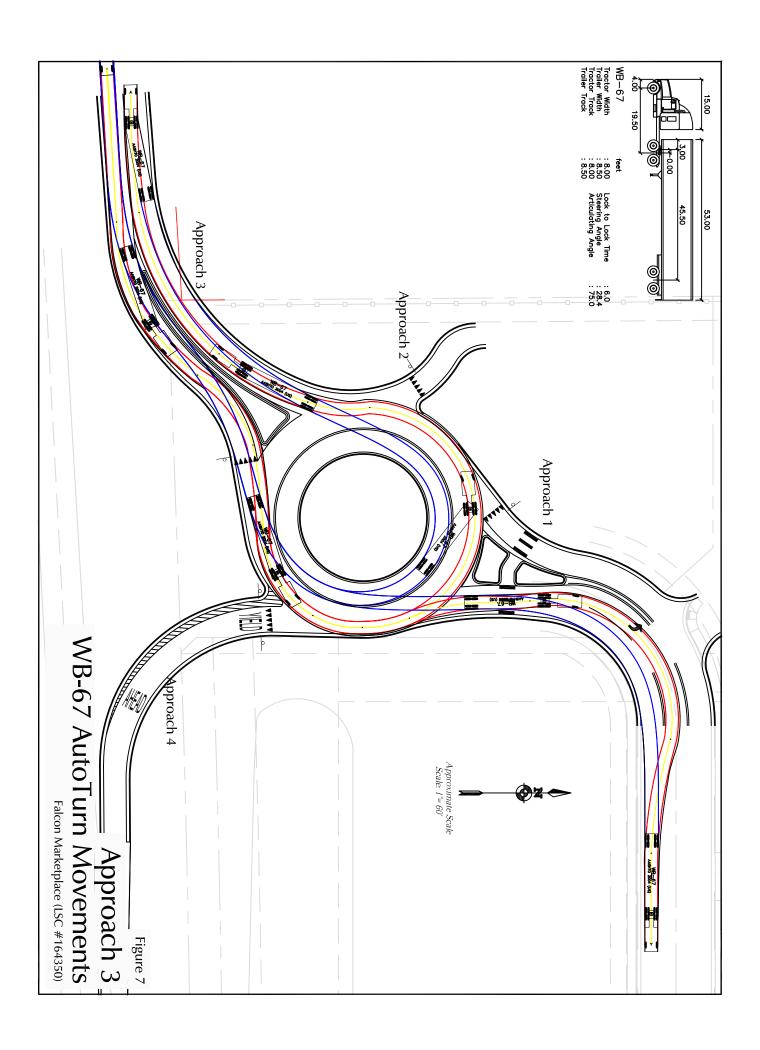


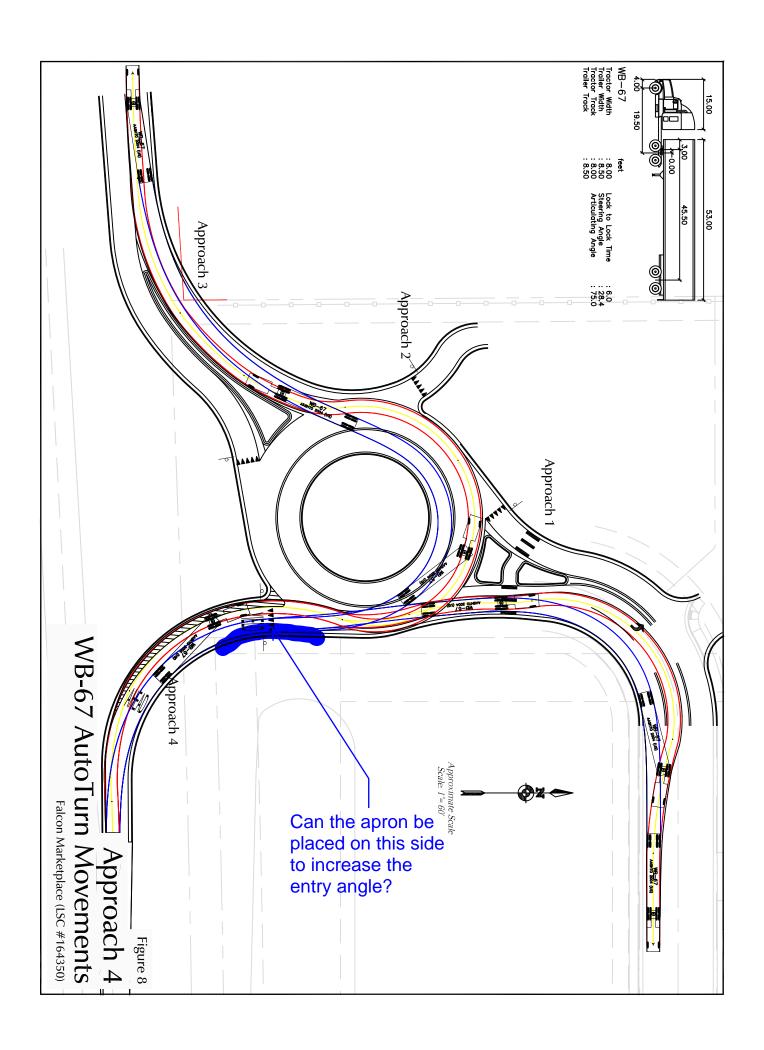


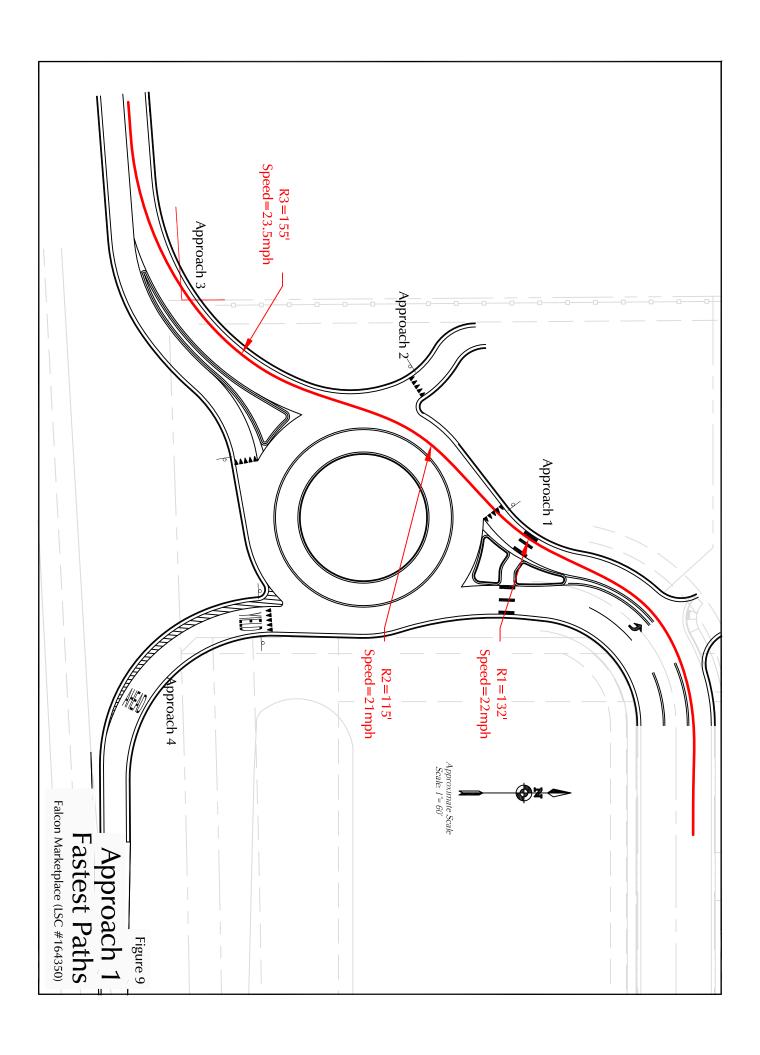


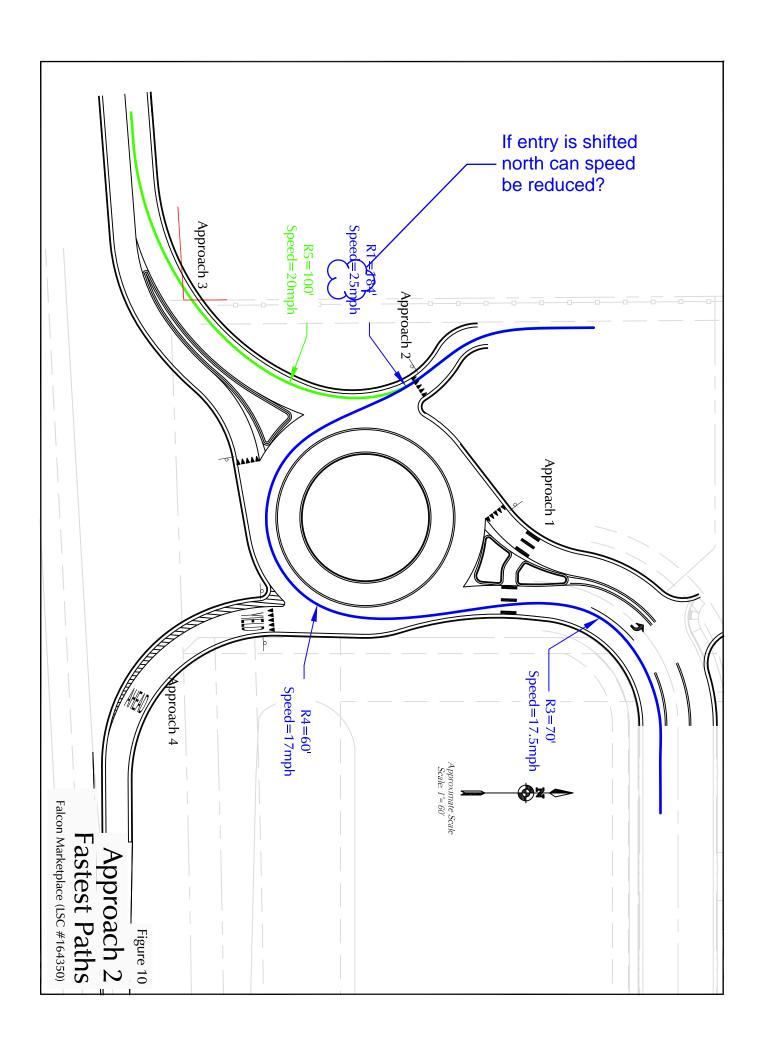


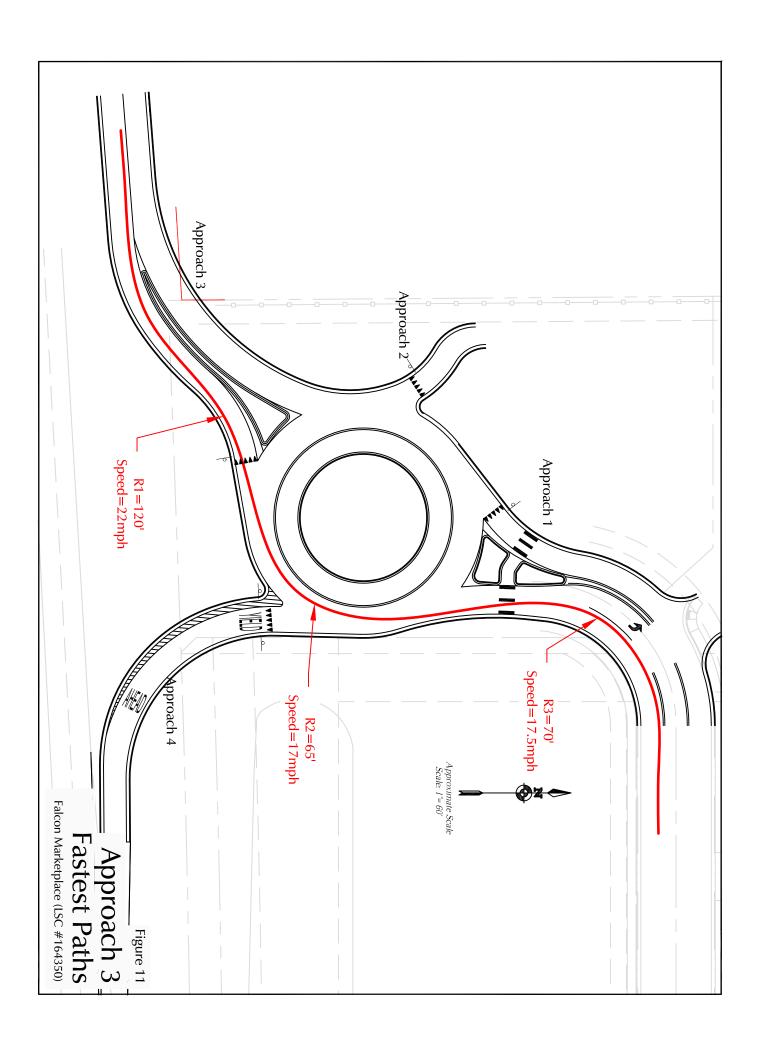


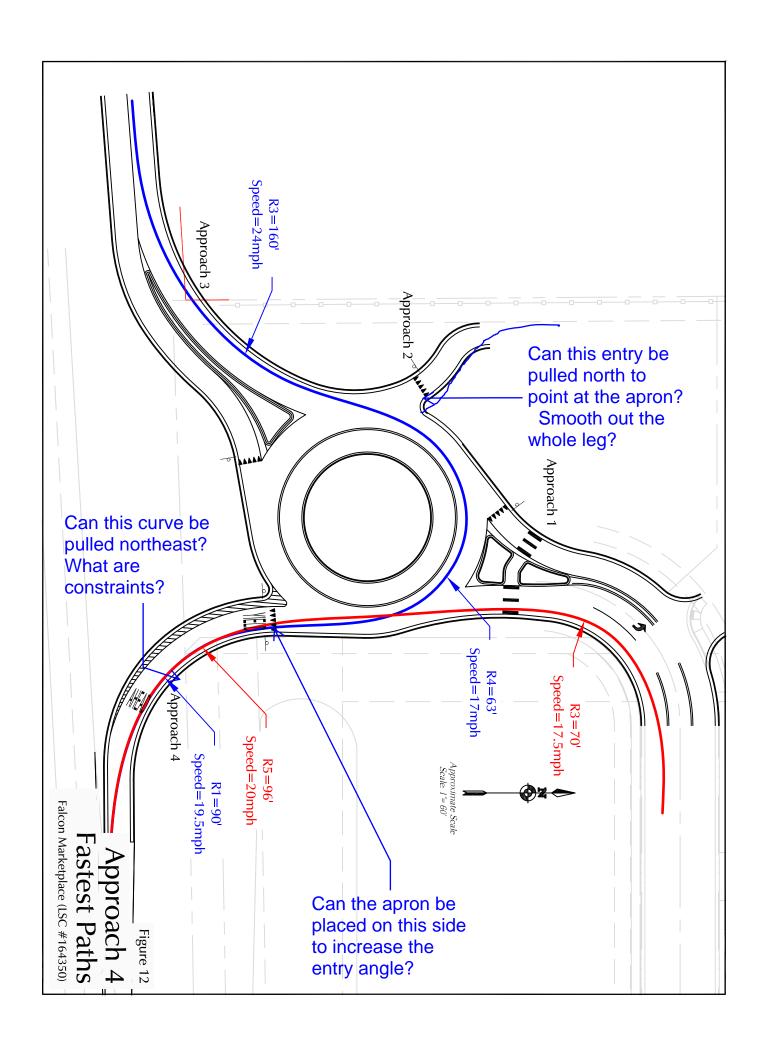












Southwest Roundabout Falcon Marketplace Preliminary

Woodmen North Frontage Road/Woodmen Right-in El Paso County

ROUNDABOUT CRITICAL DESIGN PARAMETERS

	LEG 1		LEG 2		LEG 3		LEG 4		LEG 5	LEG 6
DESIGN PARAMETERS			10.0		10.0					
Approach Width, FT	16.0				16.0		18.0			
Entry Width, FT	16.0					16.0		18.0		
Entry Angle, PHI Φ, DEG Inscribed Circle Diameter, FT		16.0				17.0		16.0		
Exit Width, FT	150.0				150.0		150.0			
Circulating Roadway Width Upstream of Entry, FT	20.0 20.0				20.0 20.0		20.0			
Circulating Roadway Width Opstream of Entry, 1 1		20.0		20.0		20.0		20.0		
FASTEST SPEED PATH			_		_	_		_	_	_
R ₁, Radius/Speed, FT/MPH	132	22	184	25	120	22	90	20		
R ₂ , Radius/Speed, FT/MPH	115	21			65	17				
R ₃ , Radius/Speed, FT/MPH	155	24	70	18	70	18	70	18		
R ₄ , Radius/Speed, FT/MPH			60	17			63	17		
R ₅ , Radius/Speed, FT/MPH			100	20			96	20		
Bypass R ₅ , Radius/Speed, FT/MPH	1		100	20			- 00	20		
Bypace 775; Fradiac, Speed; F 17Wii 11									- ■	1
MINIMUM SIGHT PARAMETERS										
Approach Design Speed, MPH										
Horizontal Stopping Sight Distance, FT										
Circulating Intersection Sight Distance, FT/MPH										
Entering Intersection Sight Distance, FT/MPH										
Design Vehicle: WB-62										
Truck Apron Width: 15										
OSOW Accommodations:										
Circulating Roadway Cross-Slope:										
Access Control:										
Parking Control:										
Bicycle & Pedestrian Accommodations: East/Wes	st Bicycl	e & All	Pedest	rian on	Approa	ach 1				
Designer: Reviewer:										
SIGNATURE:								DATE:		
NAME:										

The reviewer's signature on this document indicates that the design has been reviewed and is in general compliance with good roundabout principals. The critical design elements have been addressed. The project design engineer in responsible charge of final plan development will stamp the plans when applicable.