

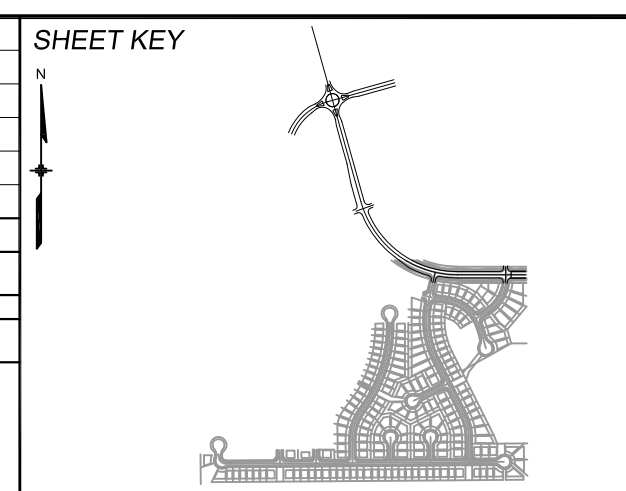
**FASTEST PATH SUMMARY TABLE**

	EASTBOUND RADIUS	WESTBOUND RADIUS	SOUTHBOUND RADIUS	NORTHBOUND RADIUS
R1	99'	99'	99'	99'
R2	116'	100'	112'	105'
R3	178'	178'	178'	178'
R4	56'	55'	56'	55'
R5	178'	178'	178'	178'

**FASTEST PATH SUMMARY TABLE (mph)**

	EASTBOUND SPEED	WESTBOUND SPEED	SOUTHBOUND SPEED	NORTHBOUND SPEED
V1	19	19	19	19
V2	20	19	20	19
V3	23	23	23	23
V4	15	15	15	16
V5	23	23	23	23

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**BENCHMARK**  
 COLORADO SPRINGS UTILITIES (FIMS) MONUMENT F206  
 A BERNTSEN TOP SECURITY MONUMENT SYSTEM WITH A 3.5-INCH DIAMETER ALUMINUM CAP IN A ROAD BOX, LOCATED ON THE NORTHWEST CORNER OF FONTAINE BOULEVARD AND POWERS BOULEVARD.  
 ELEVATION - 5897.89' U.S. SURVEY FT

**BASIS OF BEARING**  
 BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 9, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M. SAID LINE BEARS S89°51'23"E FROM THE NORTHWEST CORNER OF SAID SECTION 9 (2 1/2' AULM. CAP PLS 17664) TO THE N 1/4 CORNER OF SAID SECTION 9 (3 1/4' AULM. CAP PLS 10377)



SEAL

**PRELIMINARY**  
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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.  
 PROJECT No.

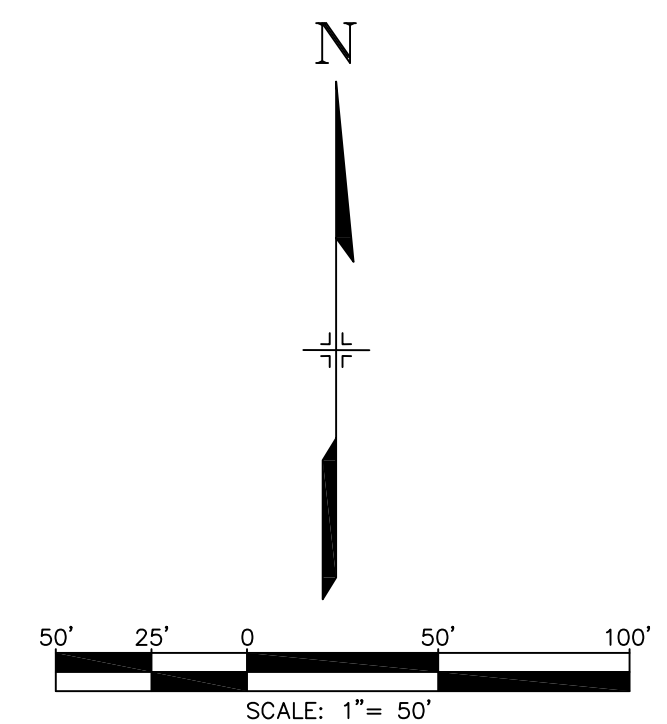
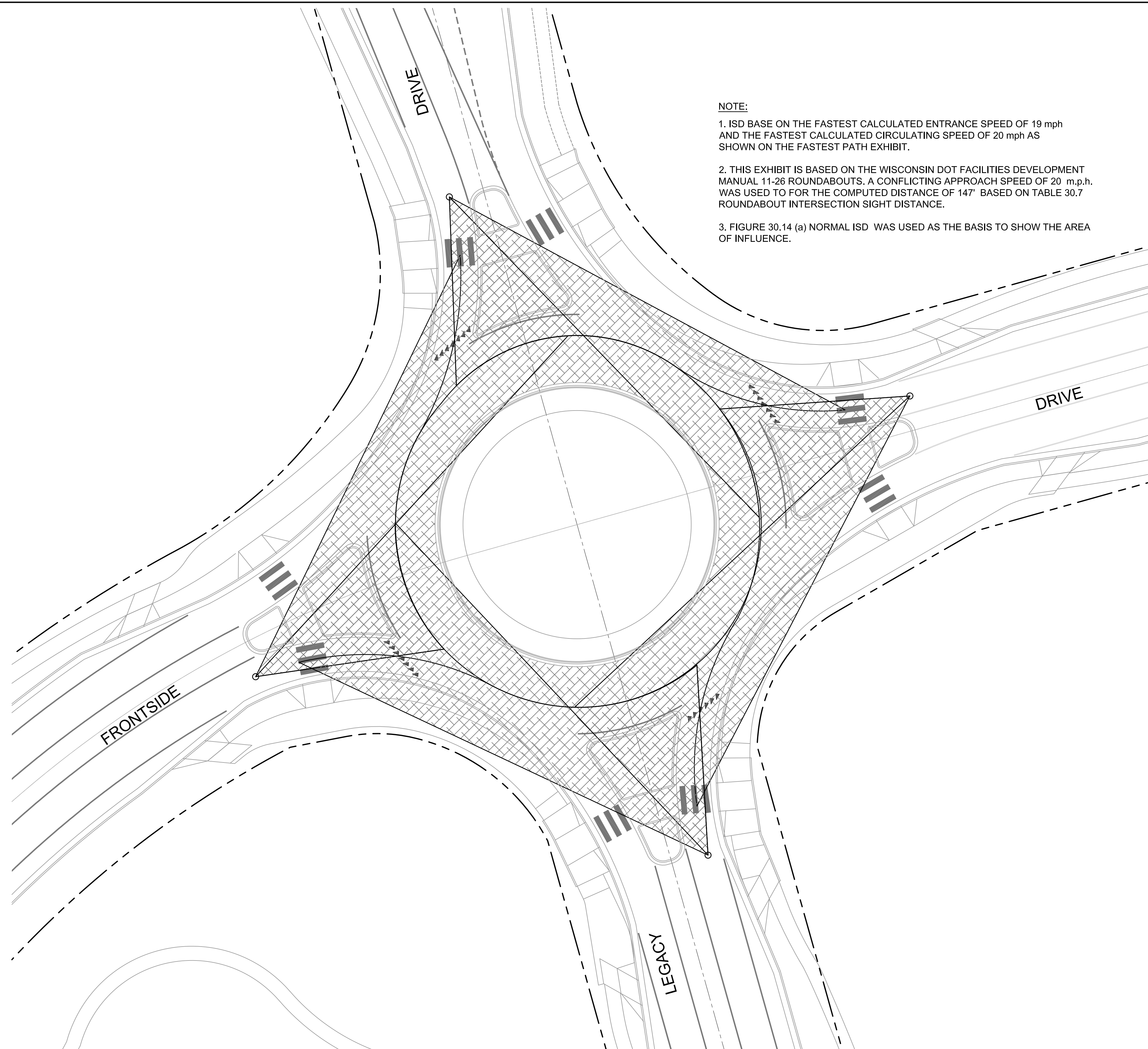
**LEGACY ROUNDABOUT  
FASTEST PATH EXHIBIT**

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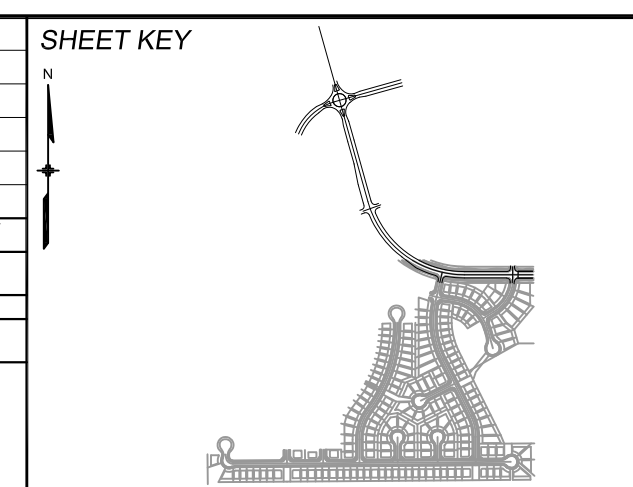


**NOTE:**

1. ISD BASE ON THE FASTEST CALCULATED ENTRANCE SPEED OF 19 mph AND THE FASTEST CALCULATED CIRCULATING SPEED OF 20 mph AS SHOWN ON THE FASTEST PATH EXHIBIT.
2. THIS EXHIBIT IS BASED ON THE WISCONSIN DOT FACILITIES DEVELOPMENT MANUAL 11-26 ROUNDABOUTS. A CONFLICTING APPROACH SPEED OF 20 m.p.h. WAS USED TO FOR THE COMPUTED DISTANCE OF 147' BASED ON TABLE 30.7 ROUNDABOUT INTERSECTION SIGHT DISTANCE.
3. FIGURE 30.14 (a) NORMAL ISD WAS USED AS THE BASIS TO SHOW THE AREA OF INFLUENCE.



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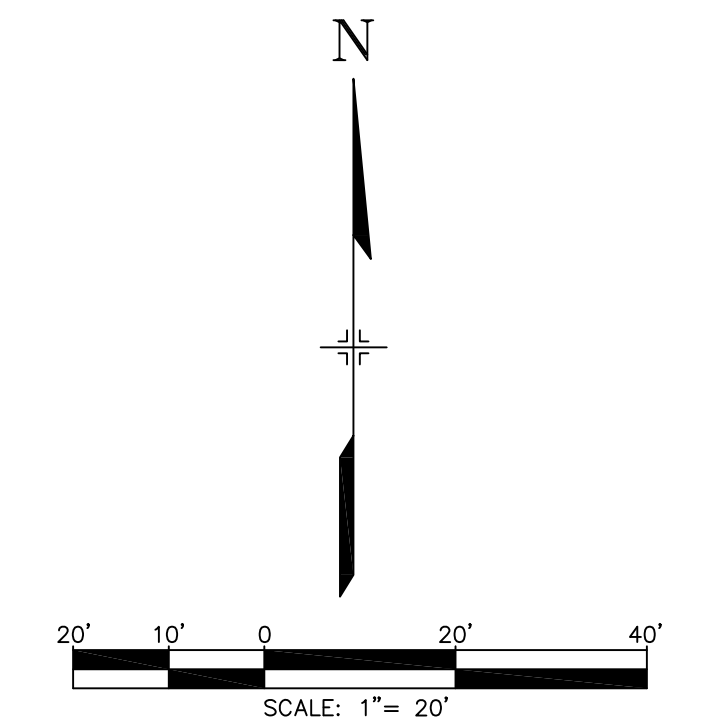
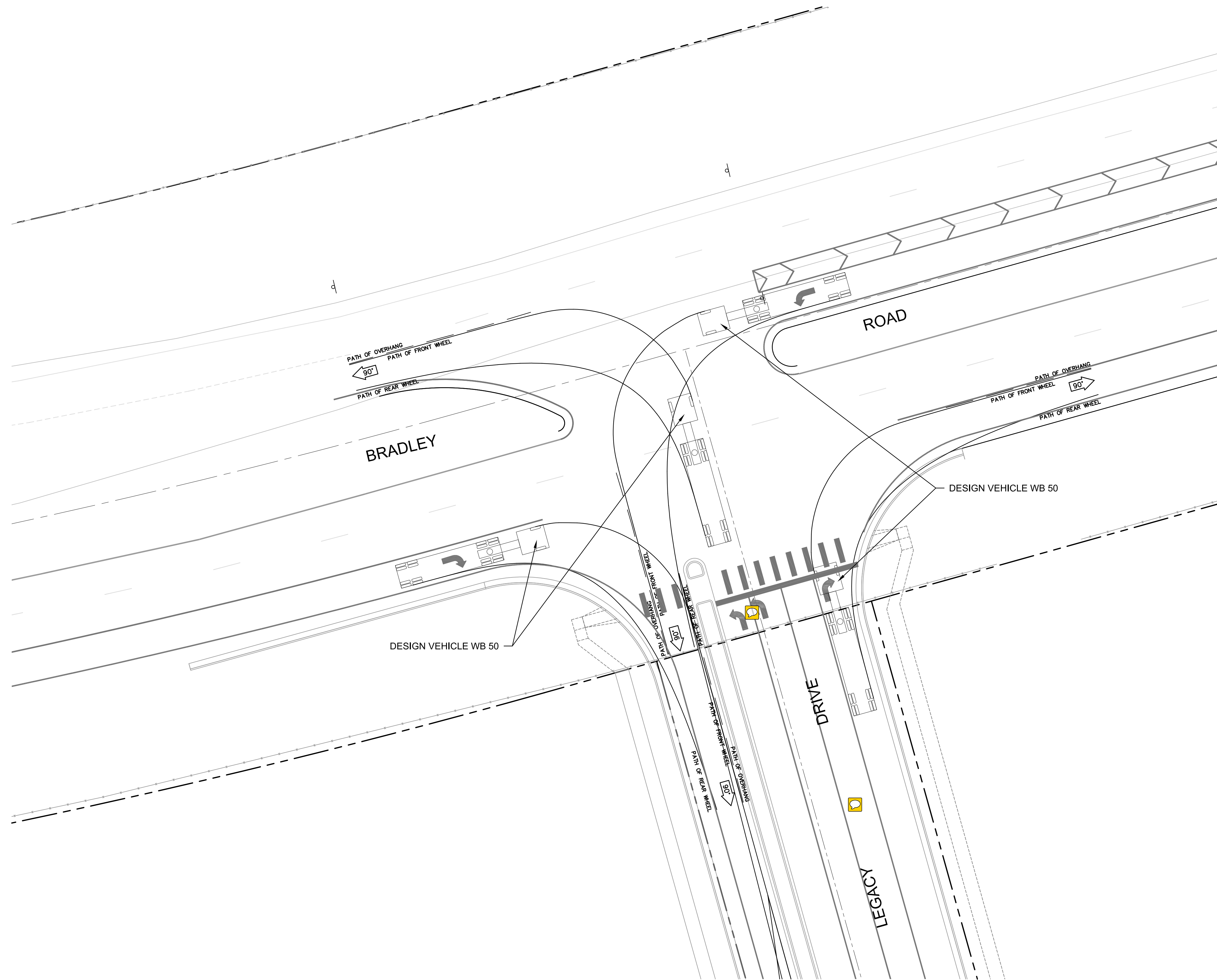
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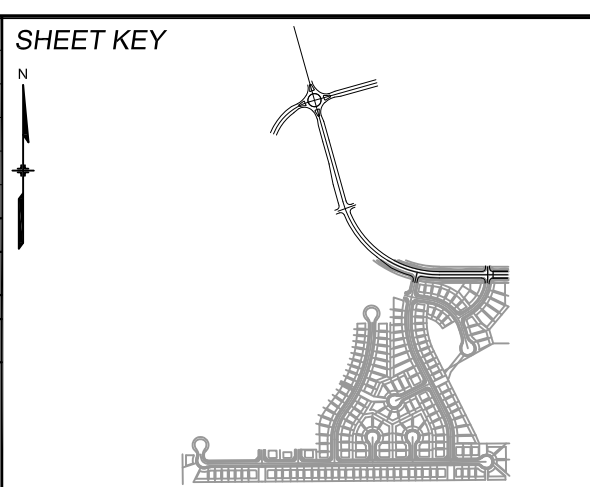
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<b>LEGACY ROUNDABOUT INTERSECTION SIGHT DISTANCE EXHIBIT</b>			
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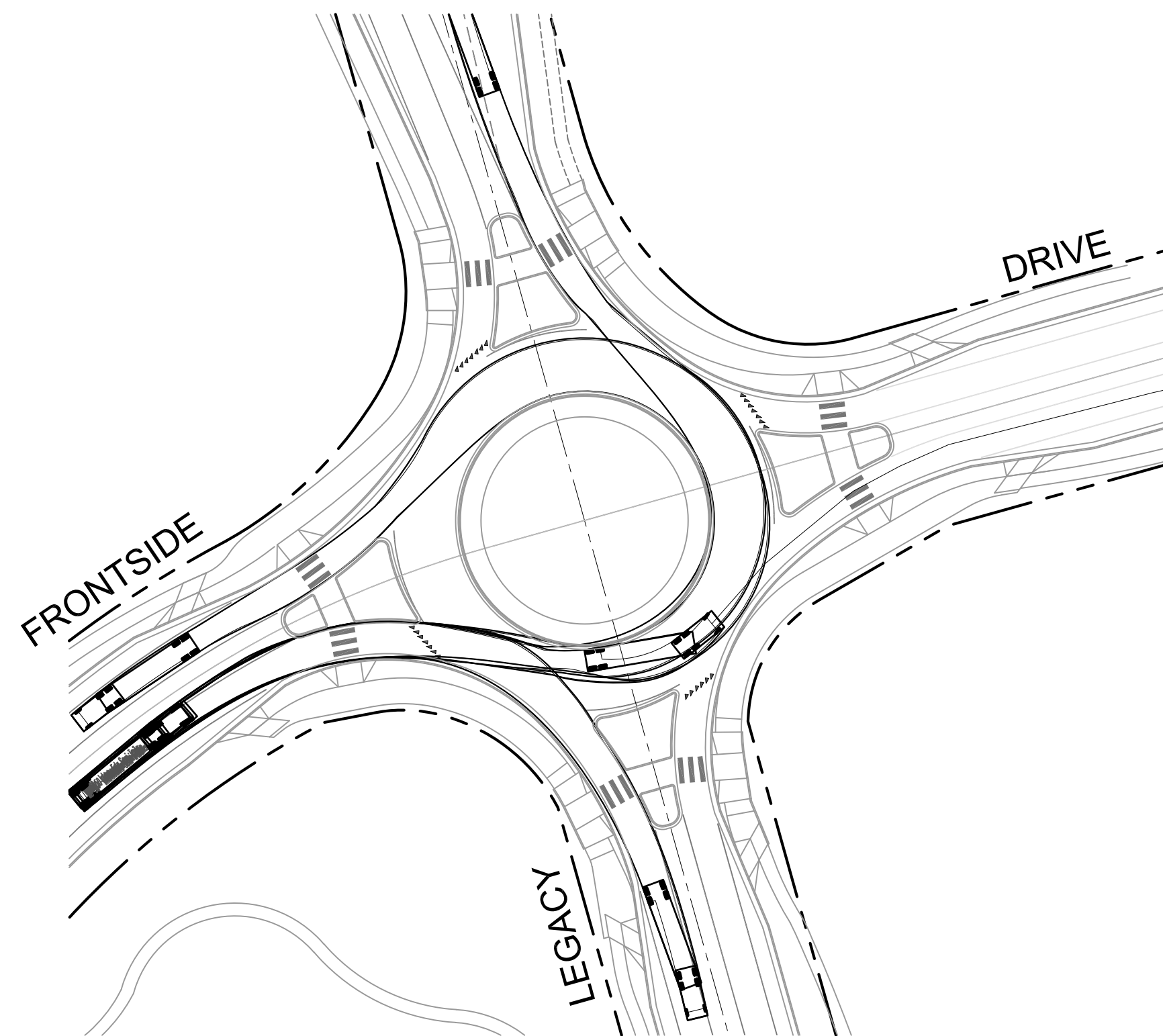
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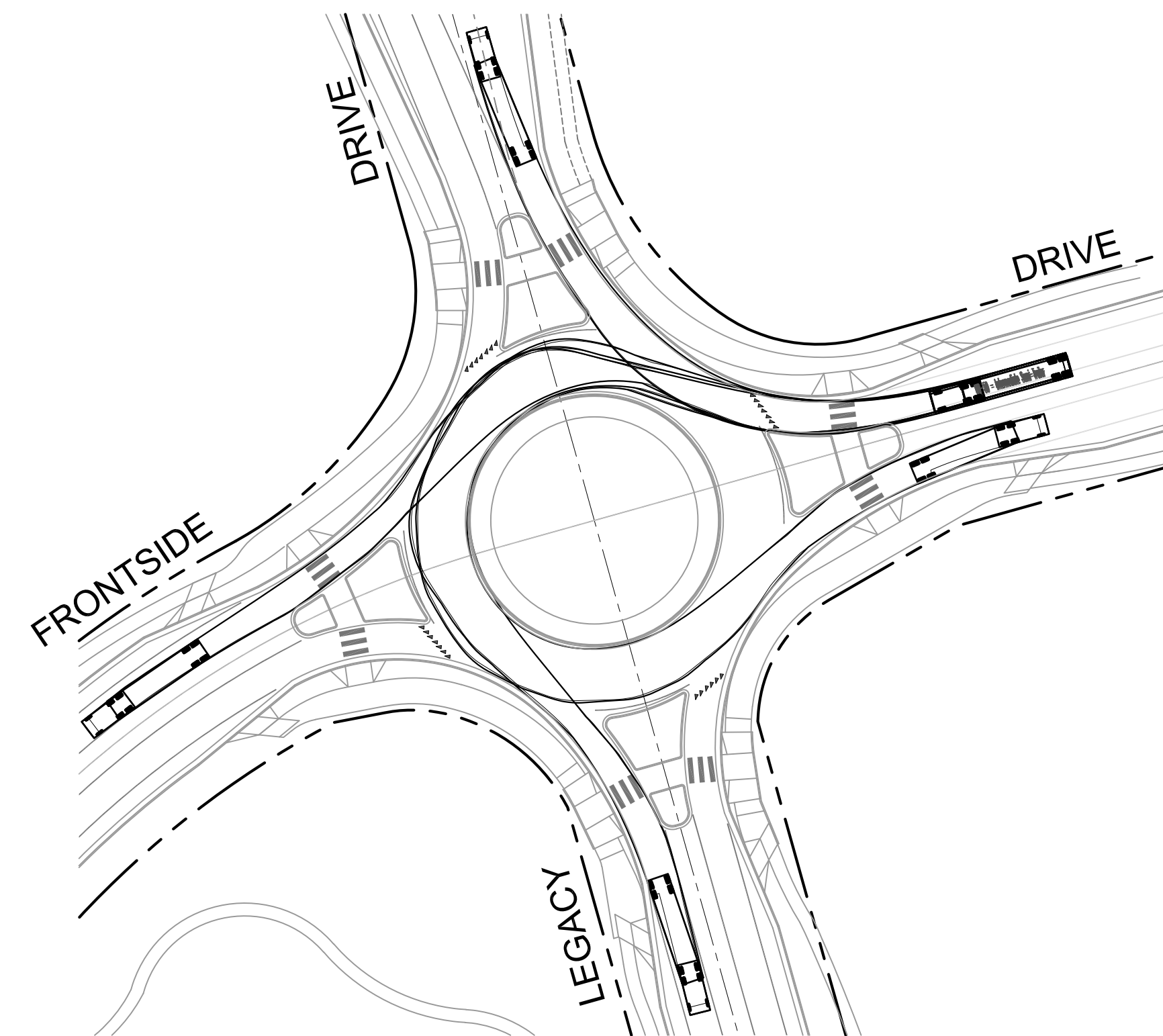
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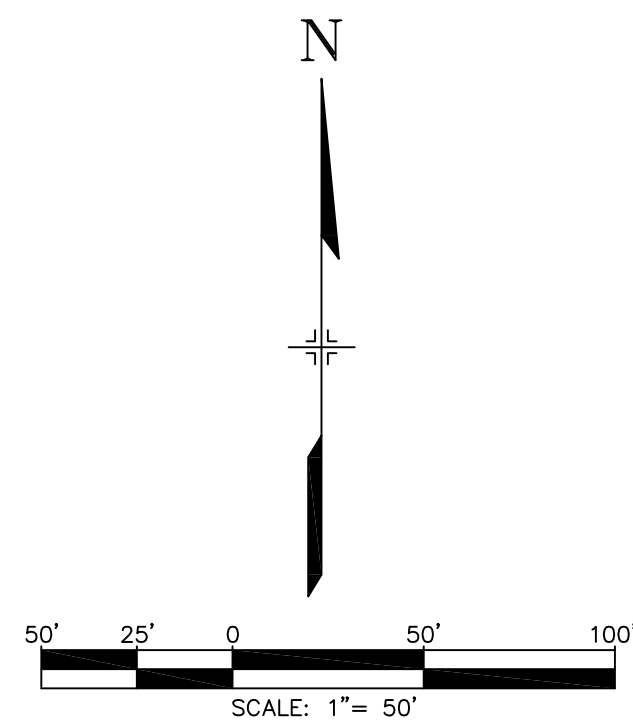
<b>BRADLEY/LEGACY VEHICLE TRACKING</b>			
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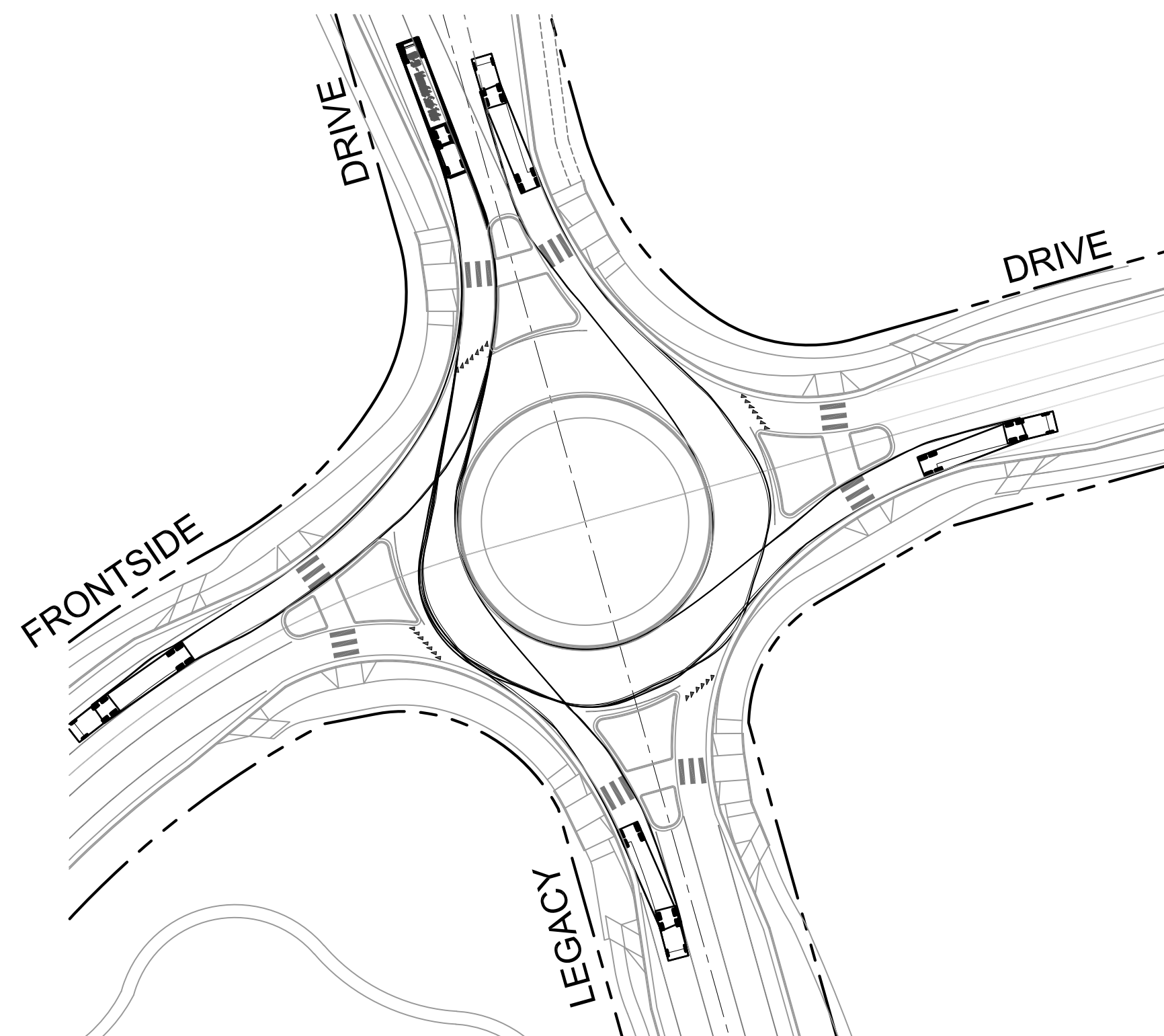
**EASTBOUND  
VEHICLE TRACKING PATH**



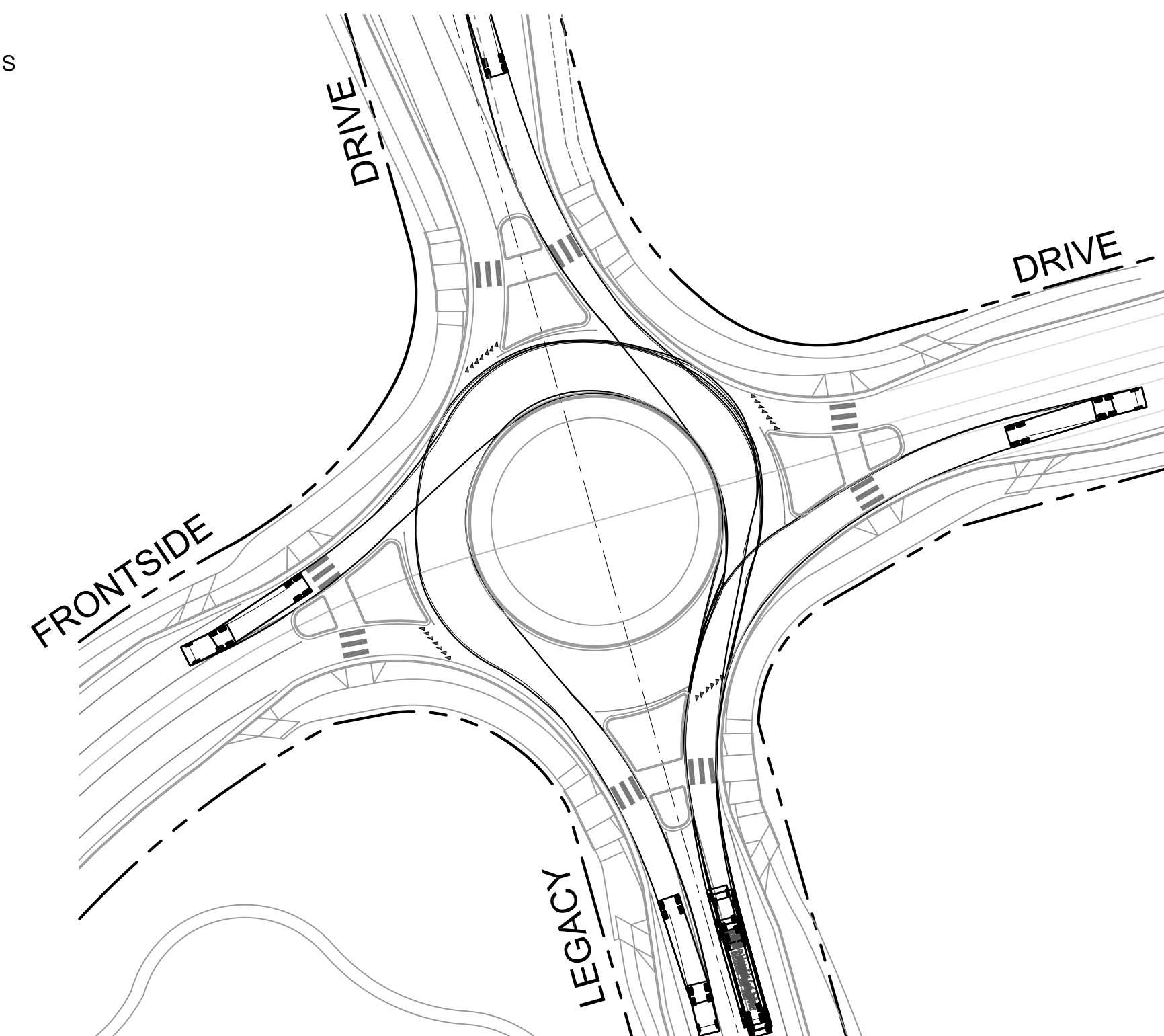
**WESTBOUND  
VEHICLE TRACKING PATH**



NOTE:  
WB-50 USED FOR ALL PATHS

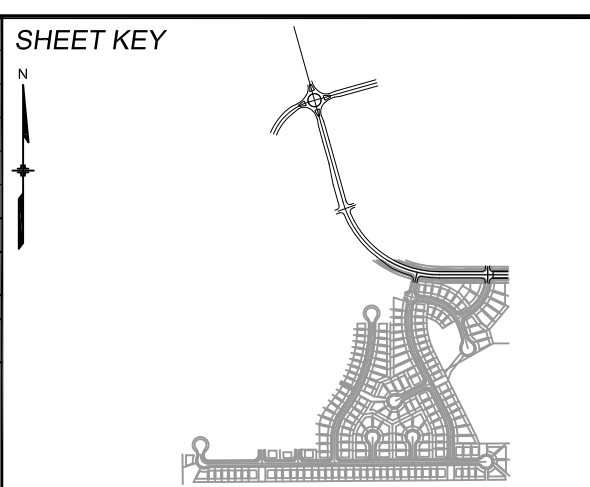


**SOUTHBOUND  
VEHICLE TRACKING PATH**



**NORTHBOUND  
VEHICLE TRACKING PATH**

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<b>LEGACY ROUNDABOUT VEHICLE TRACKING PATH EXHIBIT</b>			
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	VERT.		