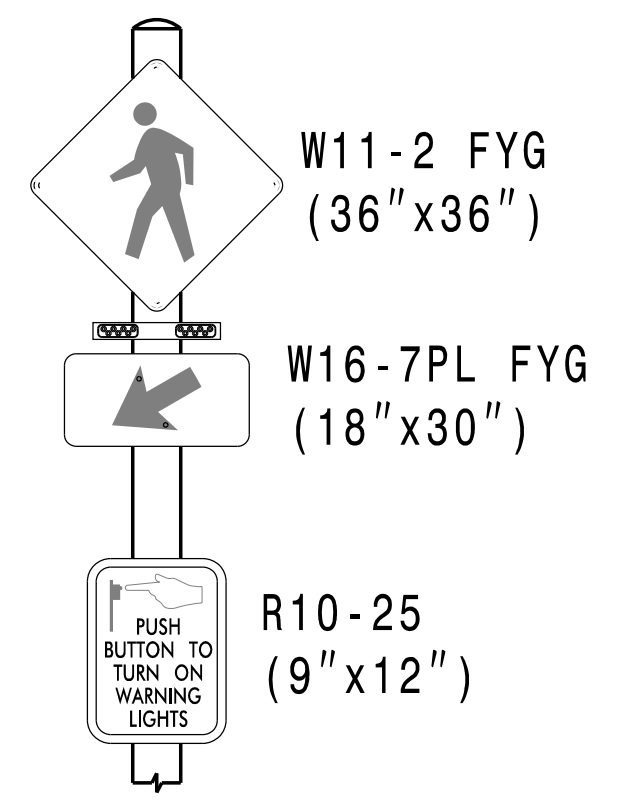


**Semi-Actuated  
Rectangular Rapid Flashing Beacon (RRFB)  
Cornelius Signal System**

**NOTES**

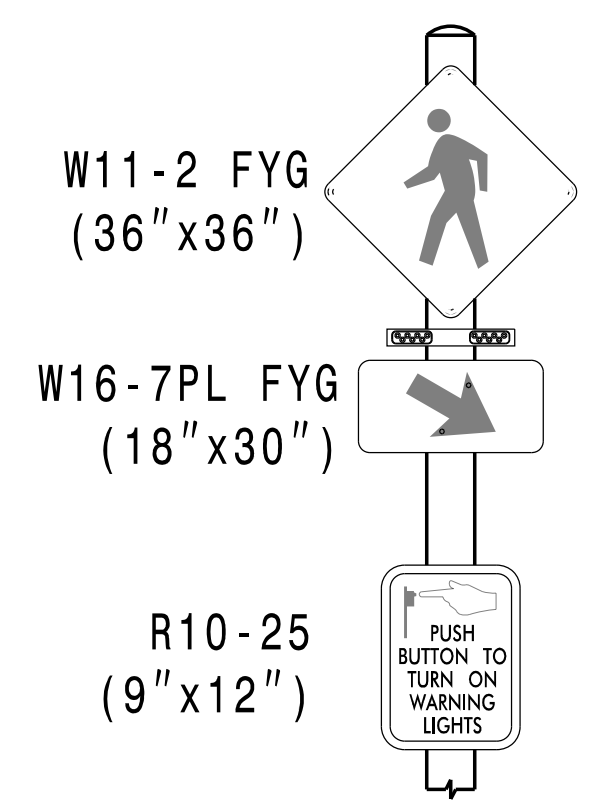
1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018, and all applicable sections of the latest version of the generic Project Special Provisions.
2. Align the front face of the pedestrian push button assembly parallel with the crosswalk.
3. The distance to the pushbutton from the edge of the sidewalk should be no greater than 1'-6".
4. The lump sum item for RRFB (Rectangular Rapid Flashing Beacon) shall include but not limited to the foundations, pedestals, signs, push buttons, flashing beacons, solar panel, battery, controller assembly, and all incidentals related to the installation of the RRFB.

ERECT RRFB ON TYPE II PEDESTAL (STD. DWG. 1743.02) WITH SIGNS

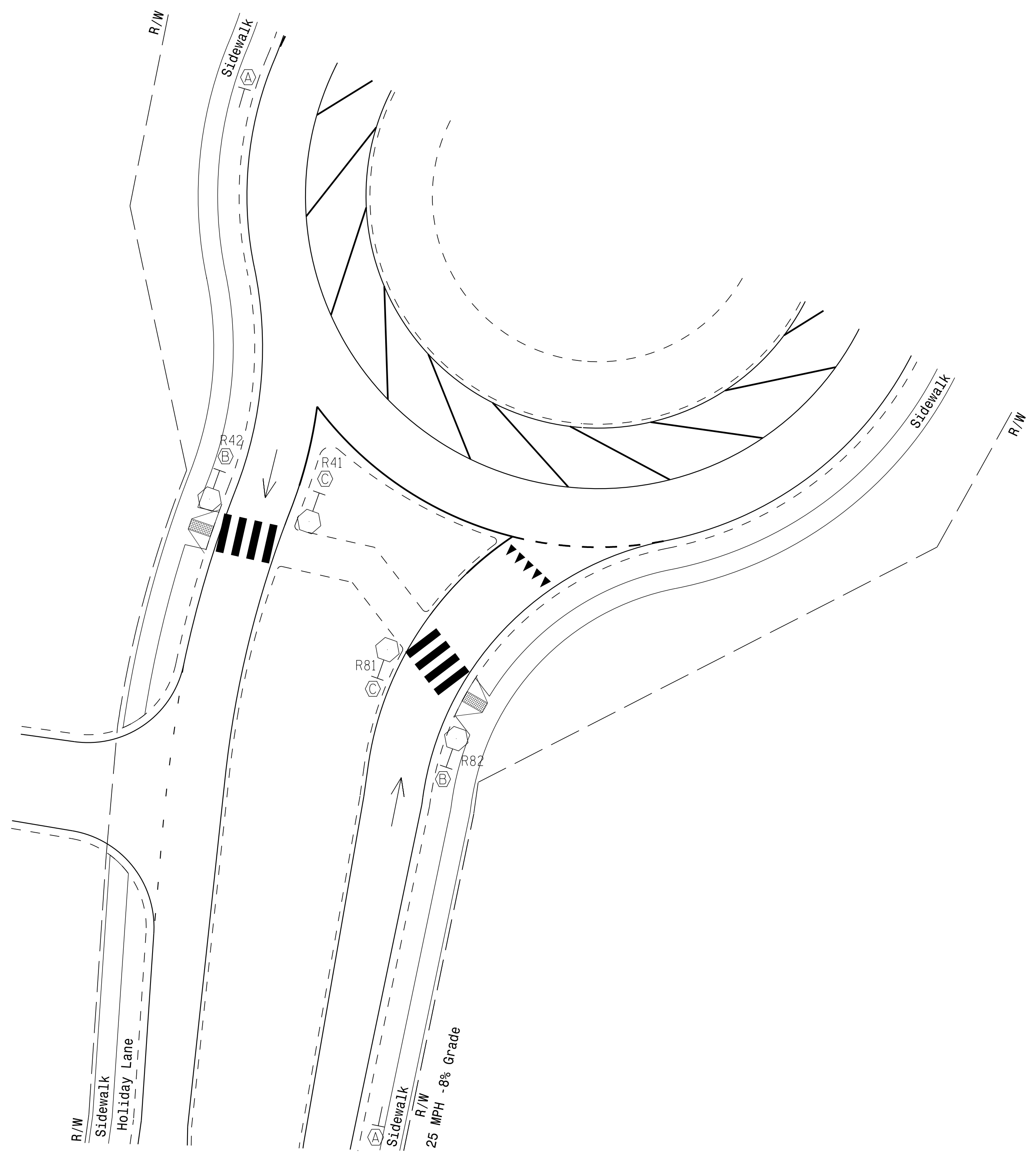


**FIGURE 1 - SIGN B**

ERECT RRFB ON TYPE II PEDESTAL (STD. DWG. 1743.02) WITH SIGNS



**FIGURE 2 - SIGN C**



**LEGEND**

PROPOSED	EXISTING

FEATURE	RRFB GROUP	RRFB GROUP
	R41/42	R81/82
RRFB Flash Time	15	15

**Notes:**  
1. These values may be field adjusted. Do not adjust RRFB Flash times lower than what is shown.

This plan supersedes the signal plan signed and sealed by S. Nick Matthews, PE on 05/31/2022.



<b>Pedestrian Crossing</b>		<b>Holiday Lane at Sterling Bay Lane</b>		SEAL
 Prepared for the Offices of: TRANSPORTATION MOBILITY AND SAFETY DIVISION NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SIGNAL DESIGN SECTION		Division 10 Mecklenburg County Cornelius PLAN DATE: February 2023 REVIEWED BY: S.G. Haynie PREPARED BY: S.N. Matthews REVIEWED BY:		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER S. NICK MATTHEWS 046989
SCALE 0 20 1"=20'	REVISIONS INIT. DATE	DATE 2/21/2023	SIGNATURE DATE	SEAL DATE 2/21/2023
				Sig Inventory No. N/A

2/21/2023 11:08:37  
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 11:08:37