DocuSign Envelope ID: BA4CFEC0-4B87-4DC3-A1EE-D37E509CD5BA

PROJECT REFERENCE NO.	SHEET NO.
R-5799	Sig. 11.0

Semi-Actuated Rectangular Rapid Flashing Beacon (RRFB)

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

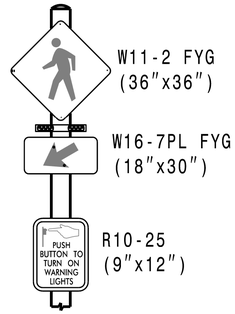


FIGURE 1 - SIGN B

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

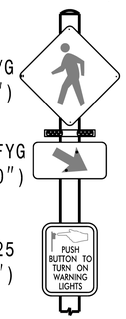
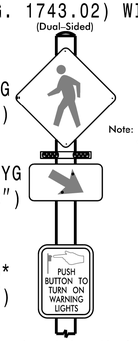


FIGURE 2 - SIGN C

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



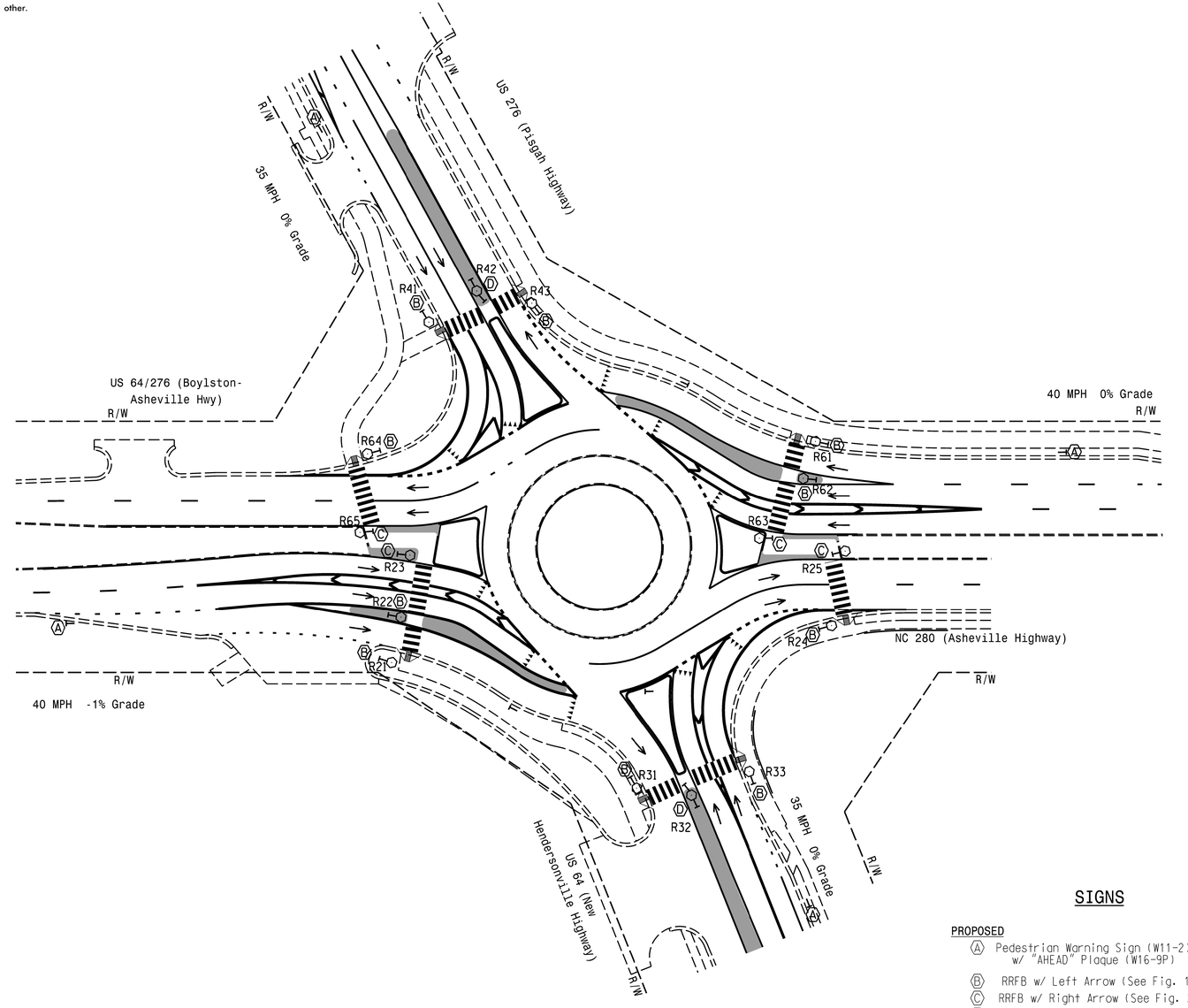
* R10-25 sign only required on side of pole with pushbutton and shall be oriented to be centered above the pushbutton.

FIGURE 4 - SIGN D

TIMING CHART

FEATURE	RRFB GROUP					
	R21\R22\R23	R24\R25	R31\R32\R33	R41\R42\R43	R61\R62\R63	R64\R65
RRFB Flash Time	23	17	23	21	23	19

Notes:
1. These values may be field adjusted. Do not adjust RRFB Flash times lower than what is shown.
2. R31\R32\R33 and R41\R42\R43 RRFB Flash time is intended to be sufficient time to cross from one side of the road to the other.



NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
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 18".
4. The pay item for Rectangular Rapid Flashing Beacon (RRFB) shall include, but not be limited to the signs, pushbuttons, flashing beacons, solar panel, battery, controller assembly, and all incidentals related to the installation of the RRFB. (1)

LEGEND

PROPOSED		EXISTING
	Sign	
	Type II Signal Pedestal	
	Curb Ramp	
	Directional Arrow	
	Right of Way	

SIGNS

PROPOSED		EXISTING
(A)	Pedestrian Warning Sign (W11-2) w/ "AHEAD" Plaque (W16-9P)	(A)
(B)	RRFB w/ Left Arrow (See Fig. 1)	(B)
(C)	RRFB w/ Right Arrow (See Fig. 2)	(C)
(D)	RRFB w/ Right Arrow (See Fig. 4)	(D)

Pedestrian Crossings

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of: Transportation Mobility and Safety Division, State of North Carolina, Department of Transportation, Signal Design Section
750 N.Greenfield Pkwy,Garner,NC 27529

NC 280 (Asheville Highway) / US 64-276 (Boylston-Asheville Highway) at US 64 (Hendersonville Highway) / US 276 (Pisgah Highway)

Division 14 Transylvania County Brevard

PLAN DATE:	April 2023	REVIEWED BY:	S.G. Haynie
PREPARED BY:	P. Koloski	REVIEWED BY:	

SCALE 0 40 1"=40'

REVISIONS	INIT.	DATE
Note Change	SGH	8/1/23

SEAL: NORTH CAROLINA PROFESSIONAL SEAL 029531 ENGINEER STEVEN G. HAYNIE

DocuSigned by: Steven G. Haynie 4/28/2023
SIGNATURE DATE

Sig Inventory No. 14-5026

RS&H
NC FIRM LICENSE No: F-0493
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8/1/2023
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