

## TYPICAL PREMANUFACTURED BRIDGE SECTION

## NOTES:

- 1. PREMANUFACTURED PEDESTRIAN BRIDGE SECTION AND DETAILS MAY VARY BY PROJECT. STRUCTURAL STEEL TRUSS BRIDGE SECTION SHOWN.
- 2. PREMANUFACTURED PEDESTRIAN BRIDGE SHALL BE DESIGNED AND DETAILED ON A PROJECT-SPECIFIC BASIS DEPENDING ON OVERALL GEOMETRY, LOADING, AND AESTHETIC REQUIREMENTS BY MANUFACTURER WITH INPUT FROM THE ENGINEER.
- 3. CONCRETE DECKING CROSS SLOPE SHALL MATCH CROSS SLOPE OF TRAIL ON BOTH APPROACHES TO FACILITATE POSITIVE DRAINAGE AND PREVENT PONDING.
- 4. THE MINIMUM HEIGHT OF BRIDGE/BOARDWALK RAILING SHALL BE 42", UNLESS OTHERWISE NOTED. THE HEIGHT CAN RANGE BETWEEN 42", 48", OR 54".
- 5. A GRIP-ABLE, ROUND RAIL THAT WILL ACT AS BOTH A RUB RAIL AND HANDRAIL SHALL ONLY BE REQUIRED WHEN GRADES ARE GREATER THAN 5%. REFER TO DETAIL GW-30.04 FOR BRIDGE OR BOARDWALK RUB RAIL/HANDRAIL ATTACHMENT.
- 6. FOUNDATION SYSTEM SHALL BE DETERMINED BY ENGINEER ON A PROJECT SPECIFIC BASIS BASED ON REQUIRED LOADING.

## CITY OF RALEIGH STANDARD DETAIL

	GW-3	0.02
	TYPICAL PREMANUFACTURED BRIDGE SECTION	
REVISIONS	DATE: 12/2022	NOT TO SCALE