

TRAIL TUNNEL/UNDERPASS - NOTES:

1. 14-FOOT MINIMUM WIDTH DESIRED; GREATER WIDTHS PREFERRED FOR LENGTHS OVER 60 FEET.
2. THE UNDERPASS AS WELL AS THE TRAIL APPROACH SHOULD HAVE A CENTERLINE STRIPE EVEN IF THE REST OF THE TRAIL DOES NOT HAVE ONE.
3. UNDERPASSES SHOULD HAVE A DAYTIME ILLUMINANCE MINIMUM OF 10 FOOT-CANDLES AND A NIGHT-TIME LEVEL OF 4 FOOT-CANDLES.
4. SEALING OF FIXTURES TO BE DESIGNED IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY (IES) STANDARDS.
5. LIGHTING FIXTURE SPACING TO BE 12 FEET MINIMUM AND 15 FEET MAXIMUM.
6. CONDUIT CONNECTION TO POWER SOURCE SHALL BE DETERMINED BY THE ENGINEER AND SPECIFIED ON THE PLANS ACCORDINGLY.
7. PROPER DRAINAGE MUST BE ESTABLISHED TO AVOID POOLING OF STORMWATER; HOWEVER, SOME UNDERPASSES MAY FLOOD PERIODICALLY. WHERE APPROPRIATE, INCORPORATE TRENCH DRAINS AT THE TUNNEL ENTRANCE TO INTERCEPT WATER.
8. POST ADVANCED WARNING SIGNAGE ON OPPOSITE ENDS OF THE UNDERPASS APPROACH WITH INFORMATION ON VISIBILITY AND OTHER SAFETY REGULATIONS.
9. APPROPRIATE SIGNAGE MAY BE REQUIRED AT ENTRANCE TO INDICATE NARROWING TRAIL WIDTH AND/OR LIMITED VERTICAL CLEARANCE.
10. CONVEX MIRRORS SHOULD BE PROVIDED AT BLIND CORNERS AND AT THE APPROACHES TO UNDERPASSES WITH POOR SIGHT LINES.

SHEET 2 OF 2

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 12/2022	NOT TO SCALE
	TRAIL TUNNEL/UNDERPASS	
	GW-10.09.2	