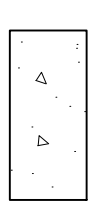
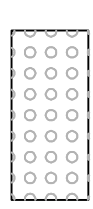


**DETECTABLE WARNING PANELS**

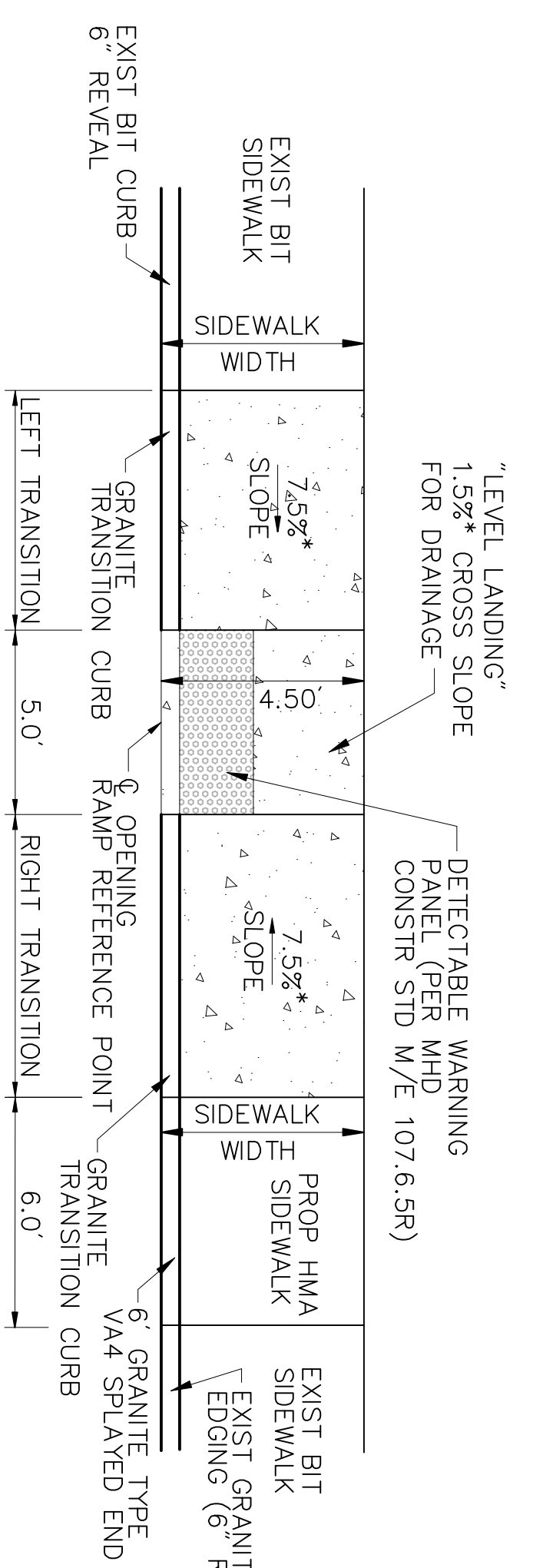
**LEGEND**

-  LIMITS OF CEMENT CONCRETE WHEELCHAIR RAMP
-  LIMITS OF DETECTABLE WARNING PANEL (SEE SPECIFICATIONS FOR COLOR)

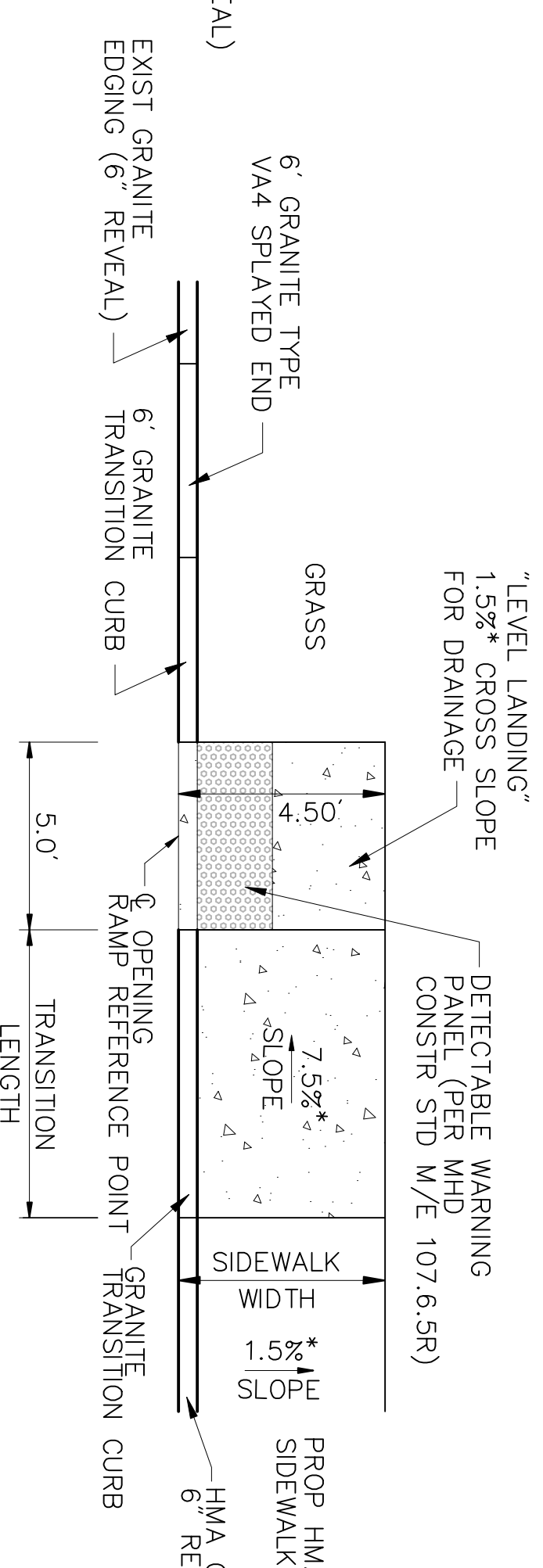
SEE ALIGNMENT PLANS FOR LOCATIONS

- NOTES:
1. DETECTABLE WARNING PANELS ARE REQUIRED TO BE CONSTRUCTED ON ALL PROPOSED WHEELCHAIR RAMPS AND ARE TO BE INSTALLED IN ACCORDANCE WITH MHD CONSTRUCTION STANDARD M/E 107.6.SR.
  2. PANELS MAY BE CONCRETE PRECAST OR CAST IN PLACE OR OTHER SUITABLE MATERIAL PERMANENTLY APPLIED TO THE RAMP. THERE MUST BE A MINIMUM 70% CONTRAST IN LIGHT REFLECTANCE BETWEEN THE DETECTABLE WARNING AND AN ADJOINING SURFACE.
  3. NO SEPARATE PAYMENT SHALL BE MADE FOR DETECTABLE WARNING PANELS BUT ALL COSTS IN CONNECTION SHALL BE INCLUDED IN THE VARIOUS ITEMS BID.

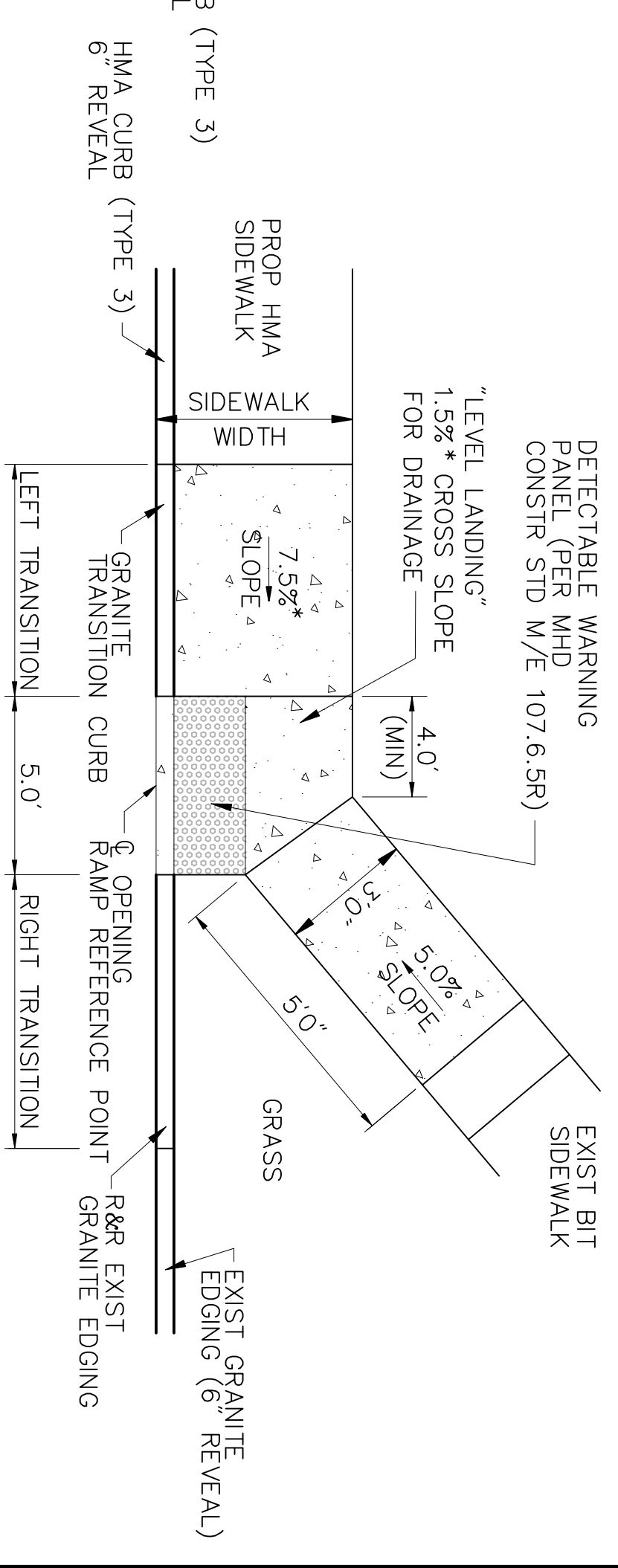
SOUTHBOROUGH  
SOUTHVILLE ROAD  
TYPICAL SECTION &  
WHEELCHAIR RAMPS  
SHEET 3 OF 9



WHEELCHAIR RAMP CURVED  
SIDEWALK LESS THAN 6'-0"  
NTS



WHEELCHAIR RAMP CURVED  
SIDEWALK LESS THAN 6'-0" WITH GRASS ADJACENT  
NTS



WHEELCHAIR RAMP CURVED SIDEWALK  
LESS THAN 6'-0" CONNECTING TO EXIST WALK  
NTS

WHEELCHAIR RAMP DATA								
NO.	LOCATION	SIDEWALK WIDTH	ROADWAY GUTTER	LEFT TRANSITION	LEFT REVEAL	RIGHT TRANSITION	RIGHT REVEAL	℄ OPENING ELEVATION
1	17+04.87 18.3' RT	4.5'	1.59%	9'0"	6"	6'6"	6"	244.80

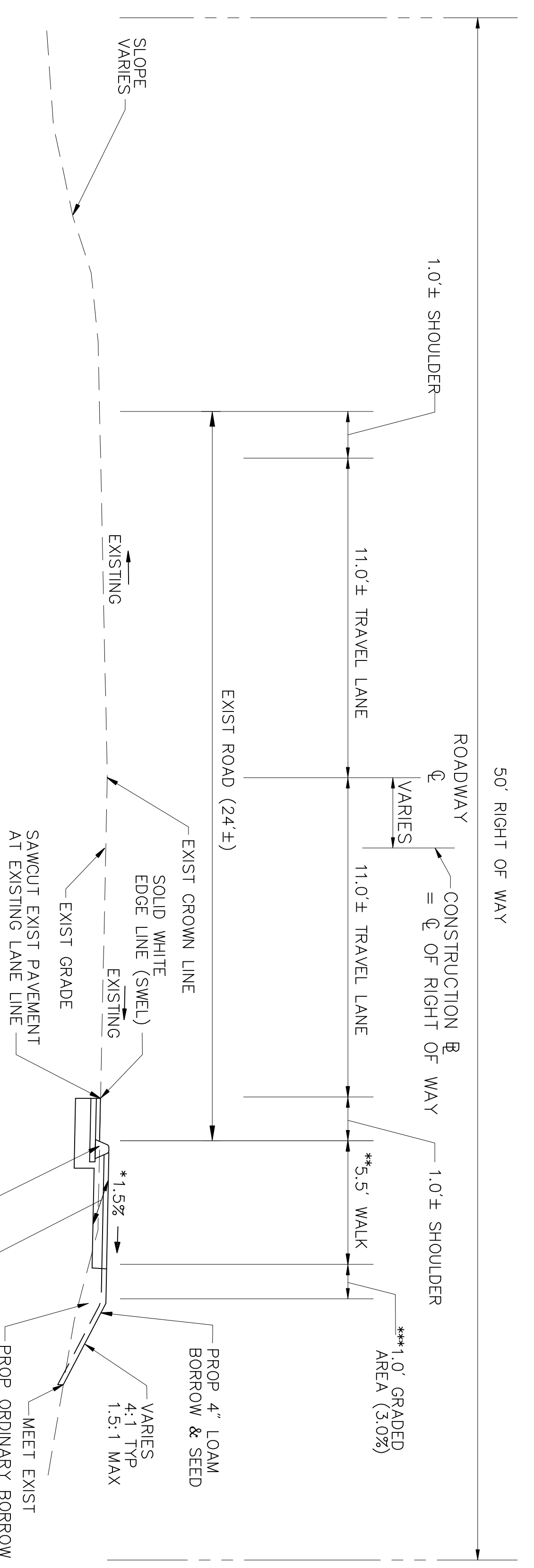
\* TOLERANCE FOR CONSTRUCTION ±0.5%

WHEELCHAIR RAMP DATA						
NO.	LOCATION	SIDEWALK WIDTH	ROADWAY GUTTER	TRANSITION LENGTH	REVEAL	℄ OPENING ELEVATION
2	16+26.65 17.0' RT	5.5'	1.0%	7'8"	6"	244.55
4	4+25.81 17.6' RT	4.5'	0.76%	7'8"	6"	239.32

\* TOLERANCE FOR CONSTRUCTION ±0.5%

WHEELCHAIR RAMP DATA								
NO.	LOCATION	SIDEWALK WIDTH	ROADWAY GUTTER	TRANSITION	LEFT REVEAL	RIGHT TRANSITION	RIGHT REVEAL	℄ OPENING ELEVATION
3	4+69.93 16.9' RT	4.0'	0.62%	9'0"	6"	10'0"	6"	239.00

\* TOLERANCE FOR CONSTRUCTION ±0.5%



**SOUTHVILLE ROAD**

- \*\* 4.0' WALK FROM STA 4+68 TO 5+00
- & 4.5' FROM STA 1+89 TO 4+28
- \*\*\* 2.0' AT GUARD RAIL SECTIONS

**PAVEMENT NOTES**

- PROPOSED HOT MIX ASPHALT ROADWAY
    - SURFACE: 3.5" HOT MIX ASPHALT PLACE IN TWO LAYERS, 1.5" MODIFIED TOP COURSE MATERIAL-TYPE B OVER 2.0" BINDER COURSE MATERIAL-TYPE A
    - FOUNDATION: 12" GRAVEL BORROW, TYPE b
  - PROPOSED HOT MIX ASPHALT DRIVEWAY
    - SURFACE: 3.0" HOT MIX ASPHALT PLACE IN TWO LAYERS, 1.5" MODIFIED TOP COURSE MATERIAL-TYPE B OVER 1.5" BINDER COURSE MATERIAL-TYPE A
    - FOUNDATION: 8" GRAVEL BORROW, TYPE b OR EXISTING GRAVEL BASE
  - PROPOSED HOT MIX ASPHALT WALK
    - SURFACE: 3.0" HOT MIX ASPHALT PLACE IN TWO LAYERS, 1.5" MODIFIED TOP COURSE MATERIAL-TYPE B OVER 1.5" BINDER COURSE MATERIAL-TYPE A
    - FOUNDATION: 8" GRAVEL BORROW, TYPE b
- \* TOLERANCE FOR CONSTRUCTION ±0.5% (TYP)