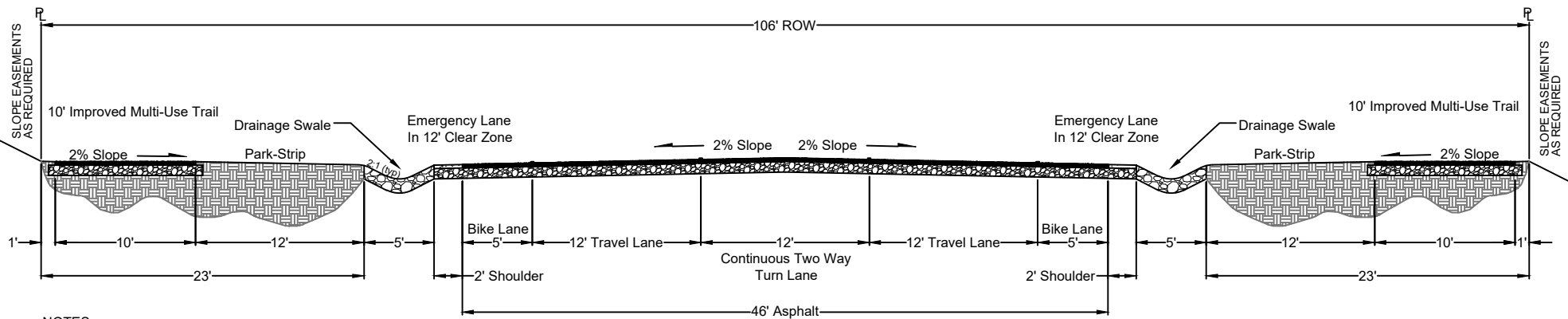


# 106' Arterial Cross Section

Figure 1



**NOTES:**

1. SUB GRADE PREPARATION AND ROAD SECTION TO BE PER 14.02.07 L.
2. ALL DISTURBED SURFACES SHALL BE COVERED WITH SIX INCHES (6") OF TOPSOIL AND SEEDED.
3. LANE STRIPING AS PER CROSS SECTION.
4. SHOULDER WILL BE CONSTRUCTED WITH COMPACTED ROAD BASE. THE IMPROVED MULTI-USE TRAIL WILL HAVE THREE INCHES (3") OF ASPHALT OVER SIX INCHES (6") OF ROAD BASE.
5. ROAD WILL HAVE A MINIMUM OF FOUR INCHES (4") OF ASPHALT OVER NINE INCHES (9") OF ROAD BASE.
6. PERMANENT EROSION CONTROL MAT\* OR MINIMUM SIX INCHES (6") THICK RIP RAP REQUIRED IN DRAINAGE SWALE FOR ROAD SLOPES GREATER THAN 5% WITH CHECK DAMS SPACED NO MORE THAN EVERY TWO HUNDRED FEET (200').
7. CUT OR FILL SLOPES STEEPER THAN 3:1 TO BE DESIGNED AND APPROVED BY A GEOTECHNICAL ENGINEER.
8. GUARDRAIL REQUIRED ON ALL FILL SLOPES STEEPER THAN 3:1 WHERE THE VERTICAL DROP OF THE SLOPE IS GREATER THAN EIGHT FEET (8').

\* PERMANENT EROSION CONTROL MAT TO CONFORM TO THE FOLLOWING MINIMUM SPECIFICATIONS:

- THICKNESS = 0.4"
- GROUND COVER FACTOR = 74%
- TENSILE STRENGTH = 170 X 125 LB/FT
- TENSILE ELONGATION = 50% MAXIMUM
- ULTRAVIOLET STABILIZATION (1000 HOURS) = 80%