MAJOR ARTERIAL ROAD NO CURB – CROSS SECTION
GRADES FROM 0.75% TO 4% MAX.

PROPERTY LINE

25'

Q

25'

PROPERTY LINE

6'
4'
12'

12'
4'
6'

PAVED SHOULDER

SEE NOTE 2 (TYP.)

GRASS SHOULDER TYP. SEE NOTE 1

SLOPE 1/2''/FL.

SLOPE 1/4''/FL.

SLOPE 1/4''/FL.

SLOPE 1/2''/FL.

REMOVE ROCK TO HERE

2" BITUMINOUS CONCRETE (HMA) CLASS 1
2" BITUMINOUS CONCRETE (HMA) CLASS 1
10" BITUMINOUS CONCRETE (HMA) CLASS 4
(UNLESS OTHERWISE SPECIFIED OR DIRECTED)

12" PROCESSED AGGREGATE. MEETING 95% COMPACTATION. SEE NOTE 3

2 1/2" MASONRY BLOCKS

UNDERDRAIN WHERE APPLICABLE. SEE NOTE 4.

NOTES:

1. SHOULDER AREAS TO RECEIVE 12" PROCESSED AGGREGATE 4" MIN., OF TOPSOIL, FINE GRADED AND SEEDED.

2. CONNECTICUT DEPT. OF TRANSPORTATION METAL BEAM RAIL (TYPE R-B 350) GUARDRAIL SHALL BE INSTALLED WHEN WARRANTED. WEATHERING STEEL SHALL BE USED UNLESS ANOTHER MATERIAL APPROVED BY TOWN. FOR INSTALLATION REQUIREMENTS SEE CONNECTICUT DOT STANDARD DETAILS STARTING AT DETAIL HW-910_01.

3. PRIOR TO PLACING 12" PROCESSED AGGREGATE BASE, SUBGRADE SHALL BE CERTIFIED AS MEETING CONN DOT SPECIFICATIONS.

4. AT CUT SECTIONS OF THE ROAD, A MINIMUM 12" HDPE PERFORATED UNDERDRAIN SHALL BE INSTALLED IN A TRENCH OF 1 1/4" TRAPROCK WITH 1" COVER BELOW BOTTOM OF GRAVEL BASE. UNDERDRAIN SHALL OUTLET TO A CATCH BASIN, DRAINAGE MANHOLE, OR SHALL DAYLIGHT TO GRADE.

5. ALL WORK SHALL TO CONFORM TO DEPARTMENT OF PUBLIC WORKS STANDARDS, AND SHALL BE CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER.