

SECTION 02170 - BITUMINOUS PAVING

1. General: Take special precautions when installing bituminous pavements to prevent the bituminous materials from staining the exposed parts of building, curbs, or structures above finished grade. Any stains or markings caused by paving work shall be removed by the Contractor, at his own expense, to the satisfaction of the Owner.
2. Heavy Duty Bituminous pavements shall consist of a 2” New York State type 1A Asphaltic Concrete Surface Course placed on a 4” Penetration Macadam Base Course, over a fully compacted 6” Loam/RCA mix base in accordance with the plans and sections on the drawings and as herein specified.
3. Penetration Macadam Base Course for Heavy Duty Pavements (minimum 4” compacted thickness):
 - A. The base course shall conform in all respects to the requirements of the State of New York, Dept. of Public Works, Division of Construction, "Public Works Specifications for "Item 45SN - Base Course - Bituminous - Macadam Penetration Method Asphalt", with the following modifications:

Use Size 3 Stone.
Bituminous material shall be asphalt cement.
Penetration grade 85 - 100%.
4. Asphaltic Concrete Surface Course: (minimum 2” thickness after compaction)
 - a. The asphaltic concrete surface shall conform to the requirements of State of New York, Dept. of Public Works, Division of Construction, and “Public Works Specifications as amended. References herein to "Standard Specifications" shall be to that document.
 - b. Thickness shall be compacted depth as indicated on the drawings.
 - c. The surface course shall conform to the requirements of the "Standard Specifications" for Item 51 - Asphalt Concrete - Type 1A (Mixing Method - Hot Mix - Two Course)"
5. All paving at roads shall comply with NYS DPW standard street and public improvement construction specifications and details.