

NOTES:

1. WHEN UNSUITABLE MATERIAL IS PRESENT IN THE BASIN AS DETERMINED BY THE ENGINEER, IT SHALL BE REMOVED PRIOR TO BACKFILLING. IF NO HOLE EXISTS IN THE BOTTOM OF THE BASIN, A 2" DIA. HOLE SHALL BE DRILLED. THIS WORK WILL BE PAID FOR UNDER VARIOUS DRAINAGE ITEMS.
2. WHERE BASINS ARE TO BE "REMOVED", THE LIMITS OF TRENCH AND CULVERT EXCAVATION SHALL EXTEND TO THE BOTTOM OF THE BASIN AND 2' BEYOND THE WALLS. WHEN REMOVAL IS SHOWN DUE TO CONFLICT WITH NEW DRAINAGE STRUCTURE, IT NEED ONLY BE REMOVED TO THE DEPTH OF THE STRUCTURE.
3. DRILL AND GROUT #16 BAR DOWELS, 3 PER SIDE MINIMUM, WITH 6" MINIMUM EMBEDMENT INTO OLD AND NEW CONCRETE. ALL EXISTING CONCRETE SURFACES THAT WILL BE IN CONTACT WITH NEW CONCRETE SHALL BE COATED WITH EPOXY POLYSULFIDE GROUT PER NYSDOT STANDARD SPECIFICATIONS SECTION 721-03. LATEST REVISION.
4. REPLACE PAVEMENT IN KIND WITH WHAT IS EXISTING, UNLESS CONDITIONS EXIST WHERE THAT IS NOT FEASIBLE, THEN INSTALL SECTION AS APPROVED BY THE DEPARTMENT'S ENGINEER OR HIGHWAY MAINTENANCE MANAGER. THE MINIMUM APPROVABLE SECTION SHALL BE 12" OF CRUSHED STONE SUBBASE COURSE (TWO 6" LIFTS) 6" OF 37mm BASE COURSE ASPHALT (TWO 3" LIFTS) 2" OF 19mm BINDER COURSE ASPHALT 1.5" OF 9.5mm TOP ASPHALT.
5. 6" OF STONE BEDDING, CONSISTING OF A BLENDING OF #1 AND #2 STONE, IS REQUIRED FOR SANITARY AND STORM SEWER INSTALLATIONS WITH CRUSHED STONE HAUNCHING TO A MINIMUM OF ONE-HALF OF THE PIPE DIAMETER ON THE SIDE OF THE PIPE. PAYMENT TO BE INCLUDED UNDER VARIOUS PIPE ITEMS.
6. REMOVE EXISTING PAVEMENT AND PAVEMENT BASE UNDER UNCLASSIFIED EXCAVATION AND DISPOSAL.
7. ALL SAW CUTS OF EXISTING PAVEMENT ARE TO BE TACK COATED AND TOP SEAM TO BE CAPPED WITH BITUMINOUS SEALER BEFORE RESURFACING TO BEGIN.

DRAINAGE NOTES

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