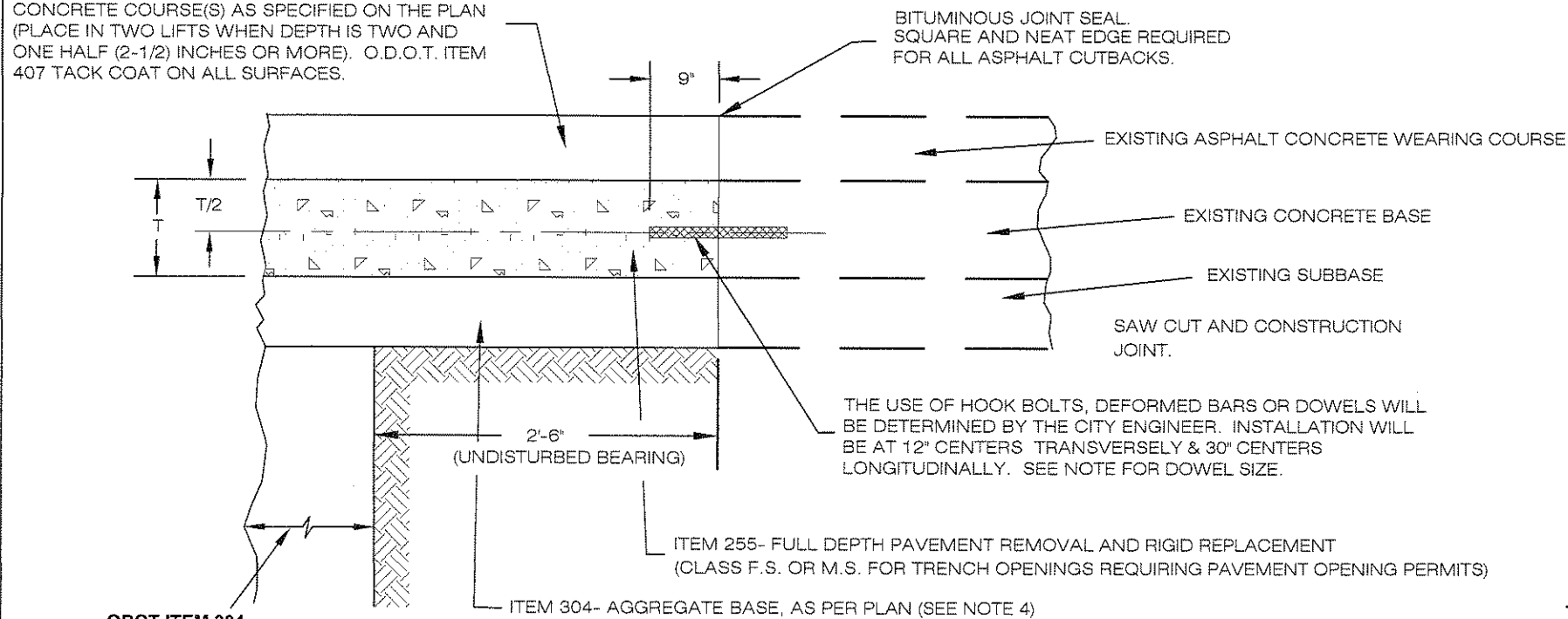


* The use of Foundry Sand or Slag is strictly prohibited. *

ITEM 448 TYPE 2 AND/OR 448 TYPE 1-ASPHALTIC CONCRETE COURSE(S) AS SPECIFIED ON THE PLAN (PLACE IN TWO LIFTS WHEN DEPTH IS TWO AND ONE HALF (2-1/2) INCHES OR MORE). O.D.O.T. ITEM 407 TACK COAT ON ALL SURFACES.



DETAIL-"A"

CONCRETE BASE/ASPHALT OVERLAY

Note:

RESIDENTIAL PAVEMENT T = 8" (1"x 18" Long Dia. Dowel)
INDUSTRIAL PAVEMENT T = 9" (1 1/4"x 18" Long Dia. Dowel)
(Heavy Duty Epoxy Coated Basket Assemblies At All Transverse Joints)
As Directed

Larry Luff
CITY OF NORTH RIDGEVILLE, ENGINEER

NOTES:

1. THIS DRAWING IS APPLICABLE TO EXISTING RIGID PAVEMENT OR CONCRETE BASE SURFACED WITH ASPHALT. (SEE DETAIL "A")
2. TRENCH BACKFILL MATERIAL SHALL BE ODOT ITEM 304 AGGREGATE BASE OR LOW STRENGTH MORTAR BACKFILL MATERIAL, 100 lb., TYPE 2 AS DIRECTED BY THE ENGINEER. THE SPECIFICATION FOR THIS IS AS CONTAINED IN THE O.D.O.T. CONSTRUCTION & MATERIAL SPECIFICATIONS, LATEST EDITION.
3. THICKNESSES OF ITEM 255, ITEM 304, ITEM 448 TYPE 2 AND ITEM 448 TYPE 1 SHALL EQUAL THOSE EXISTING OR AS CALLED FOR ON THE PLAN.
4. WHERE THREE (3) INCHES OR LESS OF 304, AS PER PLAN IS REPLACED, USE SCREENINGS GRADED IN ACCORDANCE WITH 703.10 EXCEPT THAT THE MINIMUM PERCENT PASSING THE No. 100 SIEVE SHALL BE FIVE (5) PERCENT.
5. TRAFFIC SHALL BE MAINTAINED IN A SAFE AND SATISFACTORY MANNER CONFORMING TO THE REQUIREMENTS OF ITEM 614 MAINTAINING TRAFFIC AND THE GENERAL PROVISIONS OF THE O.D.O.T. CONSTRUCTION AND MATERIAL SPECIFICATIONS, AND IN COMPLIANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (O.M.U.T.C.D.). FOR STREET OPENING PERMITS, THE APPLICANT SHALL FURNISH A MAINTENANCE OF TRAFFIC AND/OR, IF REQUIRED, A DETOUR PLAN TO THE ENGINEER'S OFFICE FOR REVIEW AND APPROVAL.
6. AGGREGATE OR PAVED SHOULDER AREAS AND NON-PAVED BERM OR TREE LAWN AREAS WITHIN THE RIGHT-OF-WAY SHALL BE RESTORED OR REPLACED IN ACCORDANCE WITH THE PLANS OR AS DIRECTED TO MINIMALLY MATCH THEIR PREVIOUSLY UNDISTURBED CONDITION.
7. THIS DRAWING IS USED IN CONJUNCTION WITH ALL APPLICABLE CITY OF NORTH RIDGEVILLE STANDARD CONSTRUCTION DRAWINGS, DETAILS, NOTES, SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS REFERENCED THEREIN.
8. WHERE EXISTING PAVEMENT THICKNESS IS LESS THAN 7", HOOK BOLTS OR DEFORMED BARS ARE TO BE USED IN LIEU OF DOWEL BARS, AS DIRECTED BY THE ENGINEER.
9. WHEN THE USE OF STEEL PLATES IS REQUIRED THE CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING:
PLATES TO BE INSTALLED ON THE SURFACE OF THE EXISTING PAVEMENT, PINNED IN PLACE AND RAMPED WITH THE APPROPRIATE TEMPORARY ASPHALT.
10. ALL ASPHALT CONCRETE SHALL BE DELIVERED AND PLACED AT OPTIMUM TEMPERATURE TO ACHIEVE PROPER COMPACTION. **TRUCKS SHALL BE INSULATED AND COVERED IN COLD WEATHER OPERATIONS.**
11. ANCHORING DOWELS AND DEFORMED BARS INTO EXISTING PAVEMENT SHALL BE DONE WITH A TWO PART EPOXY CONSISTING OF A RESIN AND A HARDENING AGENT.

RESTORATION:

ALL PAVEMENT RESTORATION SHALL BE COMPLETED WITHIN 48 HOURS OF THE WORK PERFORMED, OR AS DIRECTED BY THE CITY ENGINEER.

REV No.	DATE	BY	DESCRIPTION
CITY OF NORTH RIDGEVILLE, OHIO DEPARTMENT OF ENGINEERING			
RIGID PAVEMENT REPAIR DETAIL			
SCALE: NOT TO SCALE			PAV-6
DATE: 10/01/08 DRWN BY: JAB/TEB			