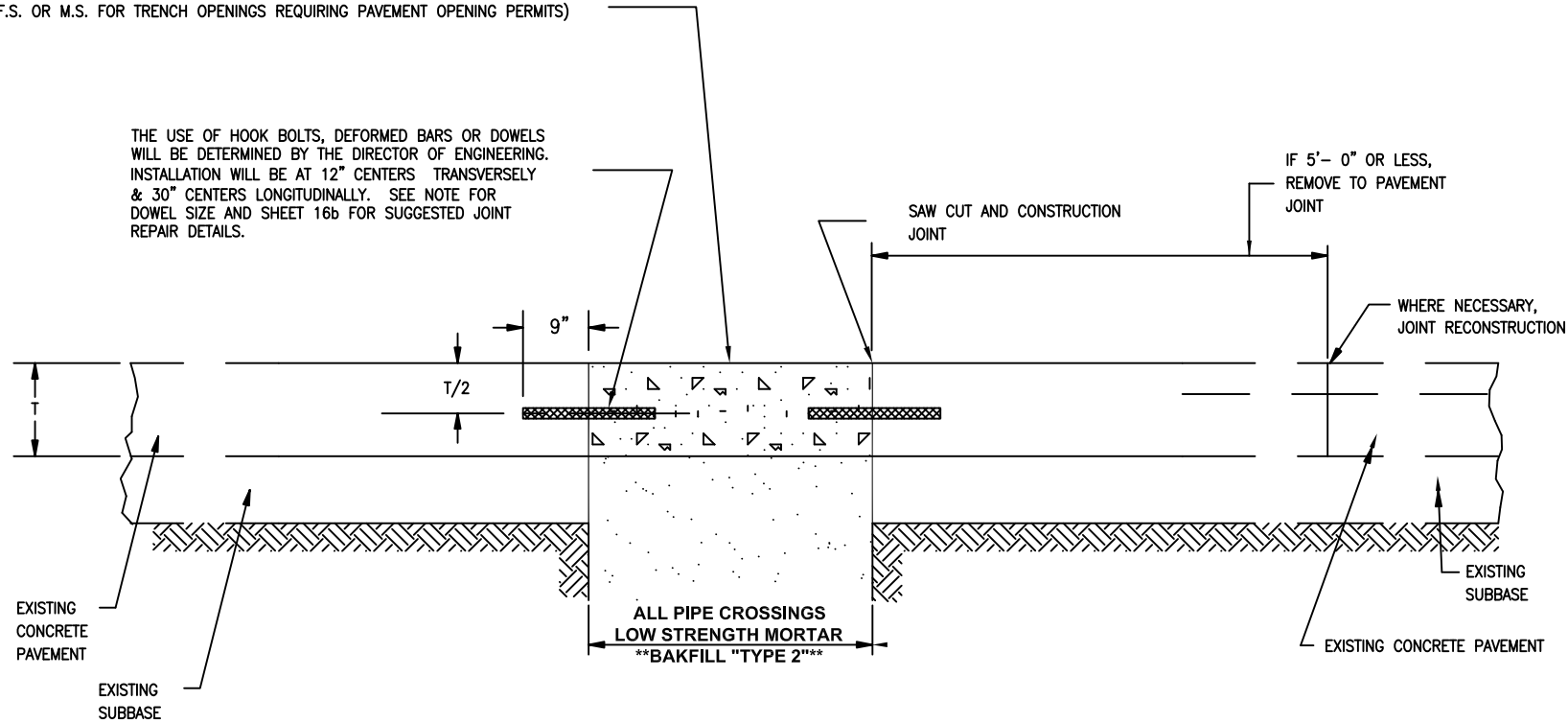


ITEM 255- FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS _____, AS PER PLAN (CLASS F.S. OR M.S. FOR TRENCH OPENINGS REQUIRING PAVEMENT OPENING PERMITS)

THE USE OF HOOK BOLTS, DEFORMED BARS OR DOWELS WILL BE DETERMINED BY THE DIRECTOR OF ENGINEERING. INSTALLATION WILL BE AT 12" CENTERS TRANSVERSELY & 30" CENTERS LONGITUDINALLY. SEE NOTE FOR DOWEL SIZE AND SHEET 16b FOR SUGGESTED JOINT REPAIR DETAILS.



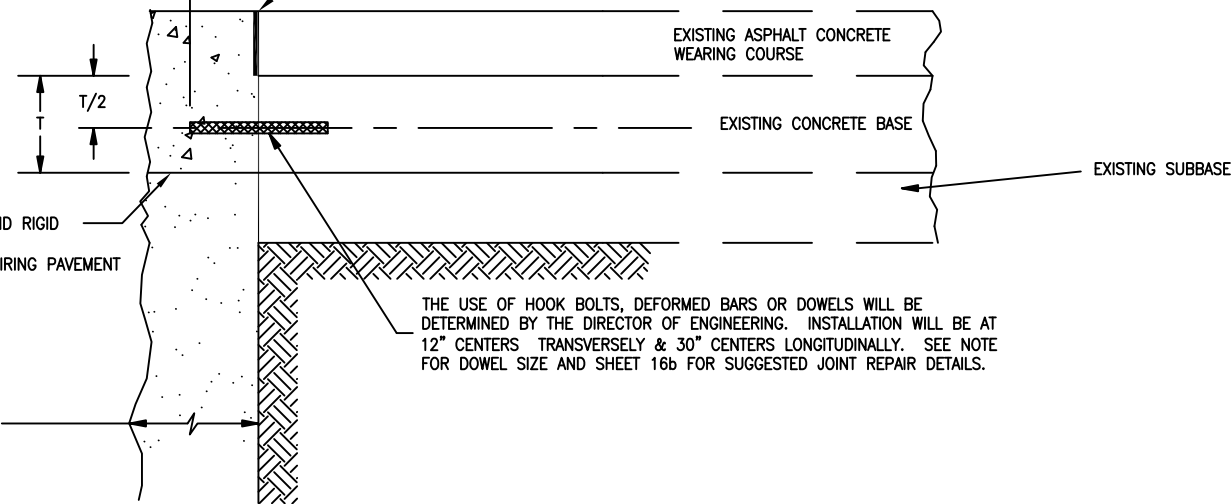
****THE USE OF FOUNDRY SAND IS STRICTLY PROHIBITED.****

THE CONTRACTOR IS REQUIRED TO SUBMIT A MIX DESIGN, FOR CITY APPROVAL, A MINIMUM OF 48 HOURS PRIOR TO THE INSTALLATION OF THE BACKFILL.

FULL DEPTH SAW CUT AND CONSTRUCTION JOINT

BITUMINOUS JOINT SEAL

SQUARE AND NEAT EDGE REQUIRED FOR ALL ASPHALT AND CONCRETE CUTS



ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS _____, AS PER PLAN (CLASS FS OR MS FOR TRENCH OPENINGS REQUIRING PAVEMENT OPENING PERMITS)

DETAIL - "A"

CONCRETE BASE/ASPHALT OVERLAY

RESTORATION:

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

REQUIRED CUTBACKS WILL BE REVIEWED BY THE DIRECTOR OF ENGINEERING ON AN INDIVIDUAL BASIS, AND MAY BE REDUCED, PROVIDED THE EXISTING TRENCH OPENING HAS A NEAT AND CLEAN PAVEMENT EDGE.

NOTES:

- 1) THIS DRAWING IS APPLICABLE TO EXISTING RIGID PAVEMENT OR CONCRETE BASE SURFACE WITH ASPHALT. (SEE DETAIL "A")
- 2) TRENCH BACKFILL MATERIAL SHALL BE ITEM SPECIAL - LOW STRENGTH MORTAR BACKFILL MATERIAL 100lb., TYPE 2 AS DIRECTED BY THE CITY ENGINEER. THE SPECIFICATION FOR THIS AS CONTAINED IN THE O.D.O.T. CONSTRUCTION & MATERIAL SPECIFICATIONS, LATEST EDITION, ITEM 613, MODIFIED HEREIN.
- 3) THICKNESS OF ITEM 255 SHALL EQUAL THOSE EXISTING OF TOTAL PAVEMENT PROFILE OR AS CALLED FOR ON THE PLAN.
- 4) 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.
- 5) 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 THE PREVIOUSLY UNDISTURBED CONDITION.
- 6) THIS DRAWING IS USED IN CONJUNCTION WITH ALL APPLICABLE CITY OF WESTLAKE STANDARD CONSTRUCTION DRAWINGS, DETAILS, NOTES, SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS REFERENCED THEREIN.
*
- 7) WHERE EXISTING PAVEMENT THICKNESS IS LESS THAN 7", HOOK BOLTS OR DEFORMED BARS ARE TO BE USED IN LUE OF DOWEL BARS, AS DIRECTED BY THE CITY ENGINEER.
- 8) WHEN USE OF STEEL PLATES IS REQUIRED THE CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING:

APRIL 16 TO NOVEMBER 14 - STEEL PLATES ARE TO BE INSTALLED ON THE SURFACE OF THE EXISTING PAVEMENT, PINNED IN PLACE AND RAMPED WITH THE APPROPRIATE TEMPORARY ASPHALT.

NOVEMBER 15 TO APRIL 15 - STEEL PLATES ARE TO BE RECESSED TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND THE STEEL PLATE, TEMPORARY ASPHALT TO BE USED IF REQUIRED.

- 9) ANCHORING DOWELS AND DEFORMED BARS INTO EXISTING PAVEMENT SHALL BE DONE WITH TWO PART EPOXY CONSISTING OF A RESIN AND A HARDENING AGENT.

****NOTE:****

RESIDENTIAL PAVEMENT T = 7" (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

REV No.	DATE	BY	DESCRIPTION
4	1/18/19	MAC	Detail Revised (Re-issued)
3	1/25	DAH	Hot AC Applied (Re-issued)
2	8/12	DAH	General Revisions (Re-issued)
1	2/26/04	DAH	General Revisions (Re-issued)

CITY OF WESTLAKE, OHIO
DEPARTMENT OF ENGINEERING

RIGID PAVEMENT
REPAIR DETAIL

SCALE: NTS	DATE: 1/13/04	DRWN BY:	16a
------------	---------------	----------	-----