

GENERAL NOTES

LAKE COUNTY
LAK-90-13.00

15
120

ITEM SPECIAL - PARTIAL DEPTH PAVEMENT REPAIR

THIS ITEM OF WORK SHALL CONSIST OF REMOVAL OF THE EXISTING 3"± ASPHALT WEARING COURSE, PARTIAL DEPTH REMOVAL OF EXISTING UNSOUND ASPHALT PAVEMENT WITHIN CRACKS AND JOINTS IN AREAS EXHIBITING DETERIORATION AT THE SURFACE, APPLYING ITEM 407, TACK COAT AS PER PLAN, AND PLACING AND COMPACTING ITEM 402 OR 403, ASPHALT CONCRETE. DETERIORATION EXTENDING INTO THE FULL DEPTH OF THE CONCRETE BASE SHALL BE REPAIRED UNDER ITEM SPECIAL FULL DEPTH RIGID PAVEMENT REMOVAL AND REPLACEMENT.

THE ENGINEER WILL DESIGNATE THE LOCATION AND THE LIMITS OF THE AREAS TO BE REPAIRED. THE REPAIR AREAS WILL BE RECTANGLE IN SHAPE WITH DIMENSIONS AS REQUIRED TO ENVELOPE SURFACE DETERIORATION. TYPICAL REPAIR AREAS WILL EXTEND THE FULL WIDTH OF A TRAFFIC LANE AT TRANSVERSE JOINTS, ALONG PORTIONS OF LONGITUDINAL JOINTS AND OTHER AREAS OF DETERIATING PAVEMENT AS DIRECTED BY THE ENGINEER. THE 3"± ASPHALT OVERLAY SHALL BE REMOVED AT THE TOP SURFACE OF THE EXISTING CONCRETE BASE, WITHIN DESIGNATED LIMITS, BY A GRINDING METHOD THAT WILL CUT NEAR VERTICAL EDGES AND WILL NOT LOOSEN OR OTHERWISE DAMAGE ADJACENT PAVEMENT. THE TYPICAL AND MINIMUM REPAIR WIDTH SHALL BE A 12" MIN. ASPHALT REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH 203.05. AFTER REMOVAL OF THE ASPHALT OVERLAY, ANY LOOSE OR POORLY BOUNDED ASPHALT OR CONCRETE MATERIAL SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ITEM 407, TACK COAT, AS PER PLAN SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY COAT THE EXPOSED SURFACE AND TO FILL ALL CRACKS AND JOINTS OPENINGS IN THE CONCRETE BASE. ASPHALT CONCRETE, MEETING THE REQUIREMENTS OF ITEM 402 OR 403, ASPHALT CONCRETE, THEN SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT ASPHALT SURFACE. THE NUMBER OF SQUARE YARDS TO BE PAID FOR SHALL BE CALCULATED USING THE DIMENSIONS ESTABLISHED BY THE ENGINEER. PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THE WORK INCLUDING TACK COAT AND ASPHALT CONCRETE. PAYMENTS WILL BE UNDER:

ITEM	UNITS	DESCRIPTION
SPECIAL	SQ. YDS.	PARTIAL DEPTH PAVEMENT REPAIR

FOR ADDITIONAL DETAILS, NOTES AND QUANTITIES SEE SHEET NO. 60

FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT (SEE PROPOSAL)

THIS WORK SHALL BE PERFORMED WHERE RIGID REPLACEMENT IS NOT FEASIBLE AS DETERMINED BY THE ENGINEER. (TYPICALLY THE RAMP TERMINI AT INTERSECTING ROADWAYS WHERE CURB PROHIBIT THE SHIFTING OF THROUGH TRAFFIC.)

THE FOLLOWING ESTIMATED QUANTITIES ARE INCLUDED TO PERFORM THIS WORK AS DIRECTED BY THE ENGINEER:

ITEM SPECIAL - FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT 1900 S.Y.

ITEM SPECIAL - FULL DEPTH PAVEMENT SAWING* 5700 L.F.
* - SEE NOTE ON SHEET NO. 12

ITEM 310 - SUBBASE, TYPE II, AS PER PLAN

MATERIALS FURNISHED UNDER THIS ITEM SHALL EXCLUDE ALL SLAGS EXCEPT AIR-COOLED BLAST FURNACE SLAG.

ITEM SPECIAL - PRECOMPRESSED JOINT SEAL (BITUMEN IMPREGNATED FOAM)

THIS WORK SHALL CONSIST OF SEALING JOINTS ON BRIDGES USING PRECOMPRESSED BITUMEN IMPREGNATED FOAM IN ACCORDANCE WITH THESE SPECIFICATIONS IN REASONABLE CLOSE CONFORMITY WITH THE PLANS AND MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS AND AS DIRECTED BY THE ENGINEER.

THE MATERIAL SHALL BE PRECOMPRESSED BITUMEN IMPREGNATED FOAM JOINT SEALANT SUCH AS EMSEAL PCSA, PERMABAND 8100, ROYSTON UNIBAND OR AN APPROVED EQUAL. EMSEAL U.S.A. IS LOCATED AT 344 MILL RD. IN STAMFORD CT. 06903 AND HAS A TELEPHONE NO. OF: (203) 322-3828, ROYSTON UNIBAND IS LOCATED AT 128 FIRST ST. PITTSBURGH, PA. 15238, (412) 828-1500. PERMABAND IS AVAILABLE FROM PERMAQUICK (CANADA) LTD. WHICH IS LOCATED AT 3043 UNIVERSAL DRIVE MISSISSAUGA, ONTARIO L4X2E2, TELEPHONE NO.: (416) 625-9444.

ALL MATERIALS SHALL BE STORED AND INCORPORATED IN THE WORK AS RECOMMENDED BY THE MANUFACTURER. A MANUFACTURER'S REPRESENTATIVE SHALL BE PRESENT AT THE JOB SITE UNTIL SUCH TIME AS HE AND THE ENGINEER ARE SURE THAT THE CONTRACTOR IS QUALIFIED IN ALL ASPECTS OF JOINT SEALING.

JOINT SEALS SHALL BE INSTALLED ONLY WHEN THE PAVEMENT IS DRY AND ITS TEMPERATURE IS ABOVE 50 DEGREES F. THE CONCRETE SURFACES SHALL BE PRIMED AS RECOMMENDED BY THE MANUFACTURER. THE FOAM JOINT SEAL SHALL BE REMOVED FROM THE PACKAGING AND ITS NARROW EDGE INSERTED INTO THE JOINT OPENING. THE DEPTH FACE WITH THE SELF ADHESIVE BACKING SHALL BE PRESSED AGAINST ONE SIDE OF THE JOINT SO THAT THE FOAM IS HELD IN PLACE WHILE IT RECOVERS.

AT TEMPERATURES ABOVE 70 DEGREES F., THE MATERIAL WILL RECOVER IN A FEW HOURS. AT TEMPERATURES BELOW 70 DEGREES F., THE RECOVERY SHALL BE ACCELERATED BY HEATING THE MATERIAL BY OPEN FLAME, GAS BURNER, INFRARED LAMP OR HOT AIR BLOWER.

A CONTINUOUS LENGTH OF JOINT SEAL SHALL BE ACHIEVE BY JOINING INDIVIDUAL STRIPS ONLY BY MEANS OF SCARFED JOINTS CUT AT 45 DEGREES OR LESS RELATIVE TO THE SIDES OF THE JOINT. THE SCARFED EDGES MUST BE PUSHED WELL PAST ONE ANOTHER. THE SEAL SHALL NOT BE PULLED OR STRETCHED SO THAT GAPS BETWEEN SUCCESSIVE LENGTHS ARE PREVENTED.

FOOTAGE UNDER THIS ITEM SHALL BE THE LINEAL FEET BITUMEN IMPREGNATED FOAM SEAL INSTALLED IN THE OPEN JOINTS THAT ARE COMPLETE, IN PLACE, AND ACCEPTED.

THE ACCEPTED QUANTITIES OF JOINT SEAL SHALL BE PAID FOR AT THE CONTRACT UNIT PER LINEAL FOOT, WHICH PRICE AND PAYMENT SHALL BE FULL COMPENSATION FOR PREPARING THE SURFACES, FURNISHING AND PLACING ALL MATERIALS, SUPPLYING THE MANUFACTURER'S REPRESENTATIVE AND ALL OTHER MATERIALS, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE JOINT SEAL ACCORDING TO SPECIFICATIONS. PAYMENT WILL BE MADE UNDER:

ITEM	UNIT	DESCRIPTION
SPECIAL	LIN. FT.	PRE-COMPRESSED JOINT SEAL (4"x8" BITUMEN IMPREGNATED FOAM)