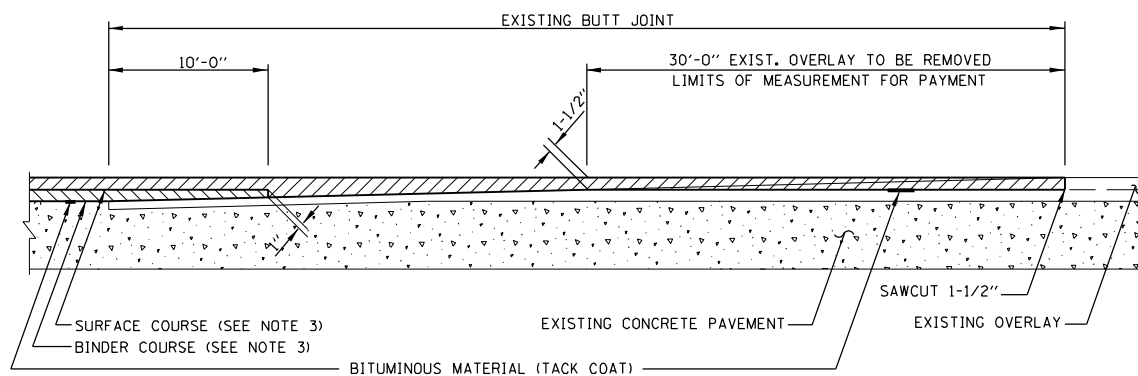


DETAIL OF BUTT JOINT, TYPE 1

NOTES FOR BUTT JOINT TYPE 1

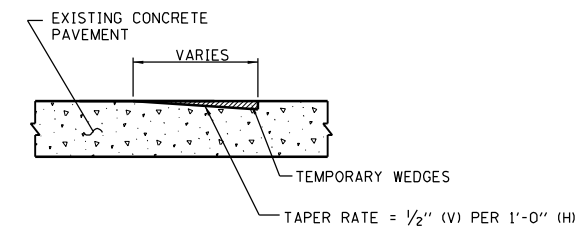
1. THE ABOVE WORK WILL BE PERFORMED AT THE ENDS OF ALL HOT-MIX ASPHALT RESURFACING. THE REMOVAL OF CONCRETE PAVEMENT WILL BE INCLUDED IN CONTRACT UNIT PRICE PER SQUARE YARD FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT". HOT-MIX ASPHALT OVERLAY TO BE PAID FOR UNDER ITEMS: "HOT-MIX ASPHALT BINDER COURSE" AND "HOT-MIX ASPHALT SURFACE COURSE", OF THE TYPE SPECIFIED IN THE CONTRACT.
2. ONLY APPROVED SCARIFYING OR MILLING EQUIPMENT SHALL BE USED TO SCARIFY THE CONCRETE PAVEMENT.
3. REGARDLESS OF TYPE OF SURFACE MIX USED, NUMBER OR THICKNESS OF COURSES OR LAYERS, THE OVERLAY THICKNESS TRANSITION LENGTH SHALL BE BASED ON 1" IN 20' AND THE MINIMUM LAYER THICKNESS SHALL BE 1".
4. REFER TO THE CONTRACT DOCUMENTS FOR THE REQUIRED BINDER AND SURFACE COURSE MATERIALS. "t_s" IS THE THICKNESS OF THE SURFACE COURSE SPECIFIED IN THE CONTRACT. "t_b" IS THE THICKNESS OF THE BINDER COURSE SPECIFIED IN THE CONTACT. SEE NOTE 3.



**DETAIL OF BUTT JOINT, TYPE 2
AT EXISTING OVERLAY AREAS**

NOTES FOR BUTT JOINT, TYPE 2

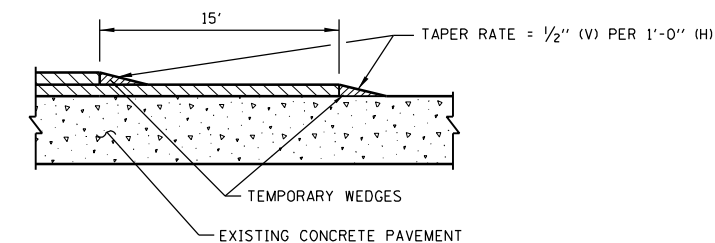
1. THE ABOVE WORK WILL BE PERFORMED AT THE ENDS OF ALL HOT-MIX ASPHALT RESURFACING WHERE BUTT JOINTS EXIST. THE REMOVAL OF HOT-MIX ASPHALT OVERLAY AND SAWCUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT".
2. HOT-MIX ASPHALT OVERLAY TO BE PAID UNDER ITEMS: "HOT-MIX ASPHALT BINDER COURSE" AND "HOT-MIX ASPHALT SURFACE COURSE", OF THE TYPE SPECIFIED IN THE CONTRACT.
3. REFER TO THE CONTRACT DOCUMENTS FOR THE REQUIRED BINDER AND SURFACE COURSE MATERIALS.



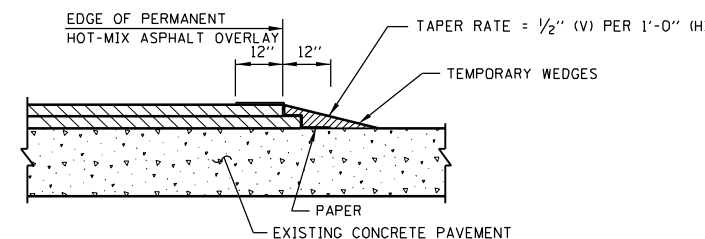
**TEMPORARY HOT-MIX ASPHALT WEDGE
AT SCARIFIED BUTT JOINT**

NOTE FOR TEMPORARY HOT-MIX ASPHALT WEDGE AT SCARIFIED BUTT JOINT

TEMPORARY WEDGES AT SCARIFIED BUTT JOINTS AND TRANSVERSE TEMPORARY BUTT JOINTS ARE INCLUDED IN COST OF PAVEMENT RESURFACING MATERIALS.



TEMPORARY TRANSVERSE BUTT JOINT



TEMPORARY LONGITUDINAL BUTT JOINT

NOTES FOR TEMPORARY LONGITUDINAL BUTT JOINT

1. THIS ITEM WILL BE USED ONLY WHERE DIRECTED BY THE ENGINEER.
2. PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "TEMPORARY WEDGES" WHICH INCLUDES THE MAINTENANCE OF THE TEMPORARY WEDGES AS REQUIRED IN THE STANDARD SPECIFICATIONS.
3. UPON REMOVAL OF THE WEDGES, THE SURFACE COURSE SHALL BE SAWCUT PARALLEL TO THE JOINT TO PROVIDE A TRUE VERTICAL SURFACE.
4. REFER TO THE CONTRACT DOCUMENTS FOR THE REQUIRED BINDER AND SURFACE COURSE MATERIALS.

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APPROVED *Paul Kovacs* CHIEF ENGINEER DATE 5-1-2009

DATE	REVISIONS
5-1-2009	CHANGED WEDGE TAPER RATE NOTATION, REVISED NOTES

BUTT JOINTS

STANDARD A4-01