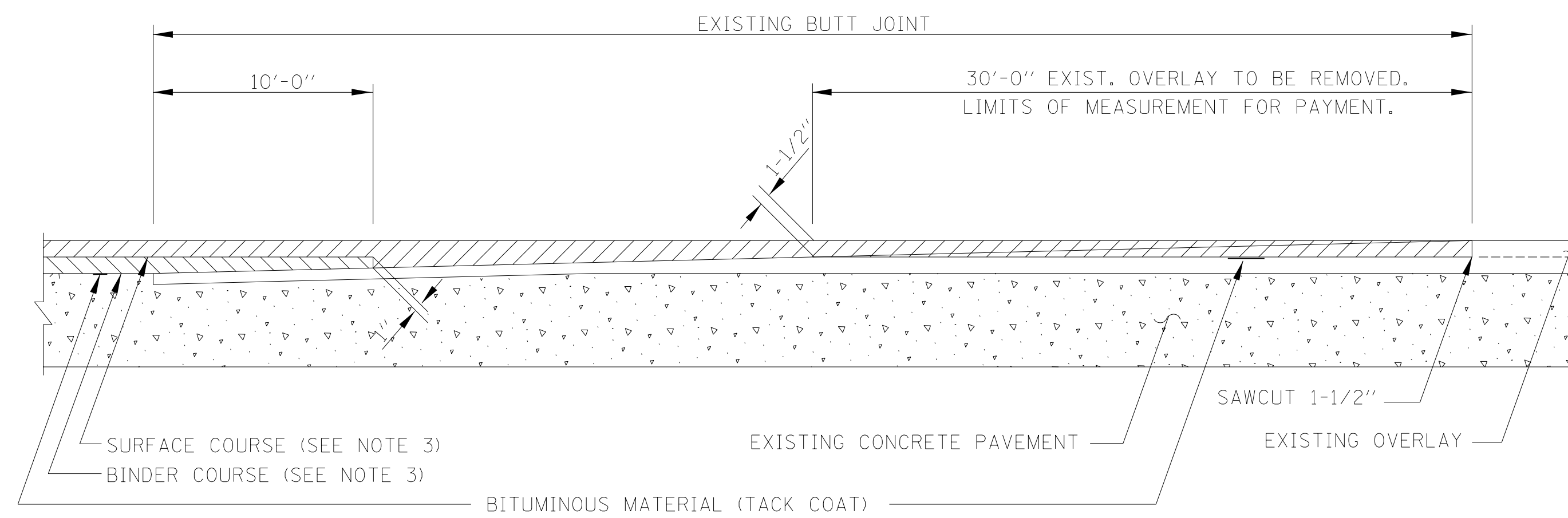


DETAIL OF BUTT JOINT, TYPE 1

NOTES FOR BUTT JOINT TYPE 1

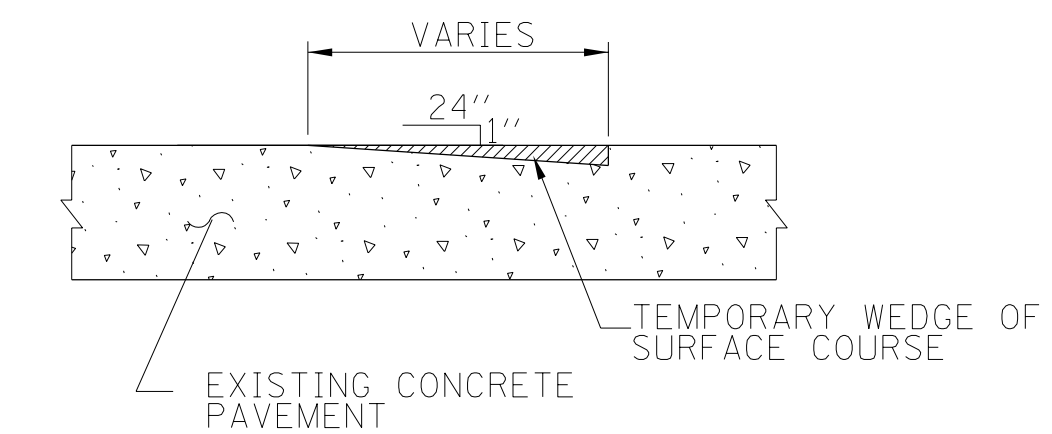
1. THE ABOVE WORK WILL BE PERFORMED AT THE ENDS OF ALL BITUMINOUS CONCRETE RESURFACING. THE REMOVAL OF CONCRETE PAVEMENT WILL BE INCLUDED IN CONTRACT UNIT PRICE PER SQUARE YARD FOR "BUTT JOINTS". BITUMINOUS OVERLAY TO BE PAID FOR UNDER ITEMS: "BITUMINOUS BINDER COURSE" AND "BITUMINOUS SURFACE COURSE", 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 CONTRACT. SEE NOTE 3.



DETAIL OF BUTT JOINT, TYPE 2 AT EXISTING OVERLAY AREAS

NOTES FOR BUTT JOINT, TYPE 2

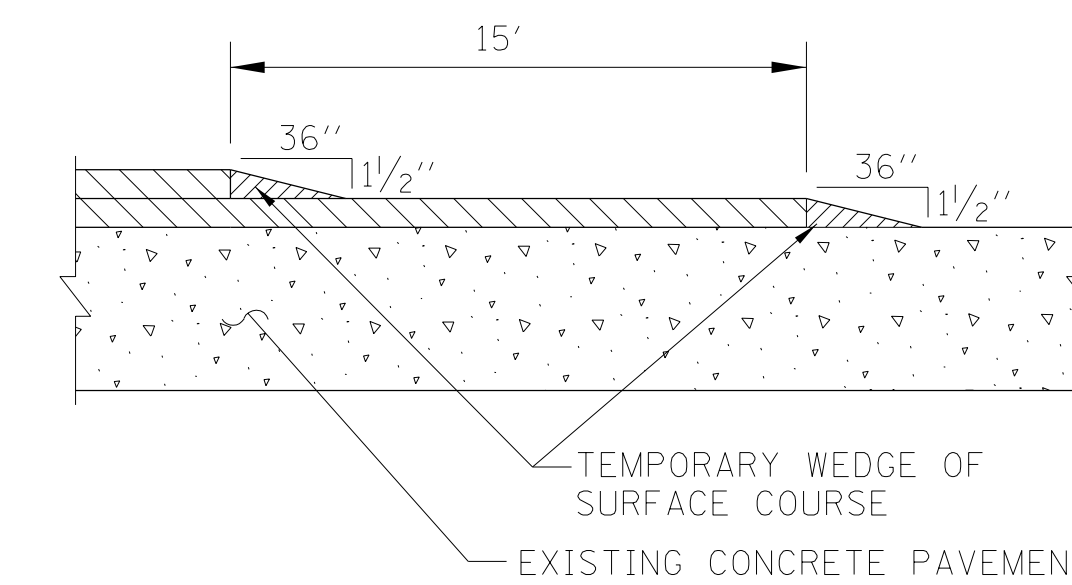
1. THE ABOVE WORK WILL BE PERFORMED AT THE ENDS OF ALL BITUMINOUS RESURFACING WHERE BUTT JOINTS EXIST. THE REMOVAL OF BITUMINOUS OVERLAY AND SAW CUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "BUTT JOINTS."
2. BITUMINOUS OVERLAY TO BE PAID UNDER ITEMS: "BITUMINOUS BINDER COURSE"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



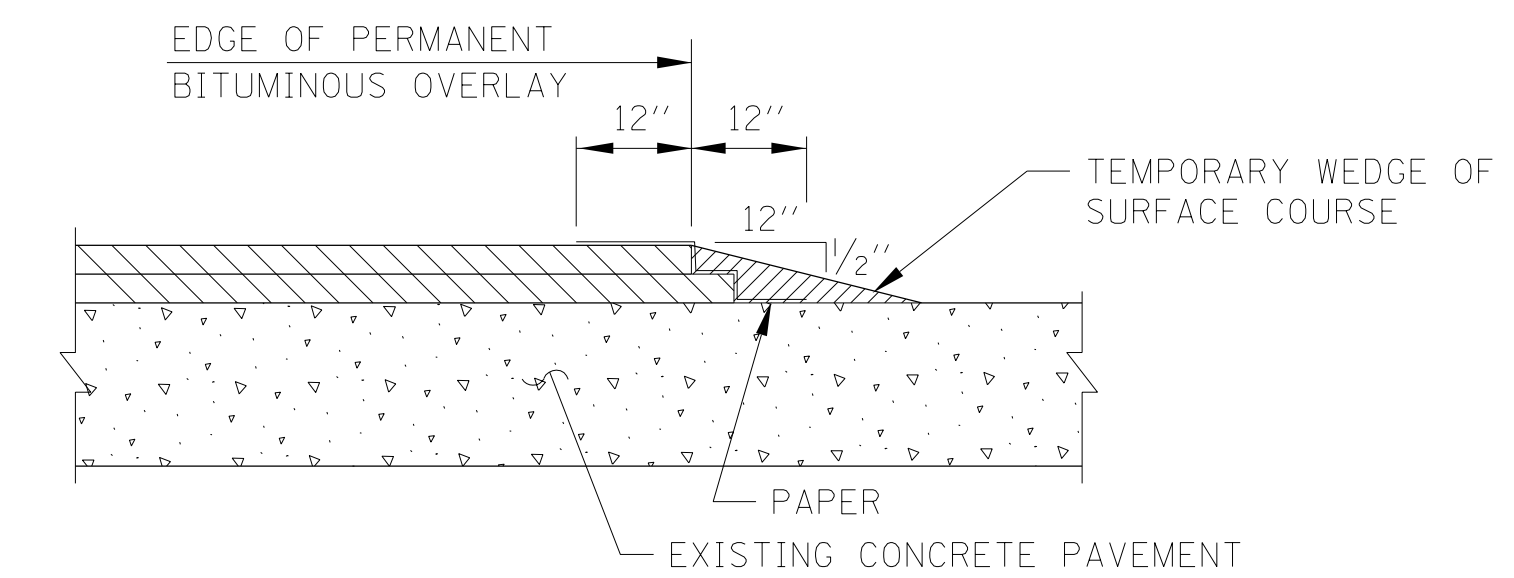
TEMPORARY BITUMINOUS WEDGE AT SCARIFIED BUTT JOINT

NOTE FOR TEMPORARY BITUMINOUS WEDGE AT SCARIFIED BUTT JOINT

TEMPORARY BITUMINOUS 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 LINEAL FOOT FOR "TEMPORARY LONGITUDINAL BUTT JOINT" WHICH INCLUDES THE MAINTENANCE OF THE TEMPORARY WEDGE AS REQUIRED IN THE STANDARD SPECIFICATION.
3. UPON REMOVAL OF THE WEDGE, THE SURFACE COURSE SHALL BE SAWCUT PARALLEL TO THE JOINT TO PROVIDE A TRUE VERTICAL SURFACE.
4. SLOPE OF TEMPORARY BUTT JOINT SHALL BE 1/2" PER FOOT OR MATCH EXISTING OVERLAY.
5. REFER TO THE CONTRACT DOCUMENTS FOR THE REQUIRED BINDER AND SURFACE COURSE MATERIALS.

APPROVED *Jeff Daley* CHIEF ENGINEER DATE 6-22-2004

CTE ENGINEERS
CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

| REVISIONS | |
|-----------|------|
| NO. | DATE |
| | |
| | |
| | |

STANDARD SD 04-23B
BUTT JOINTS

DRAWING NO.
A5
OF