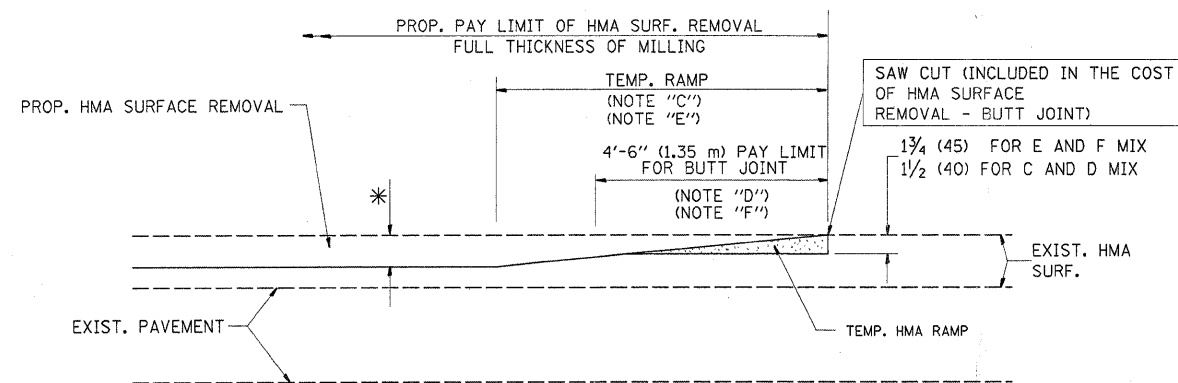


MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

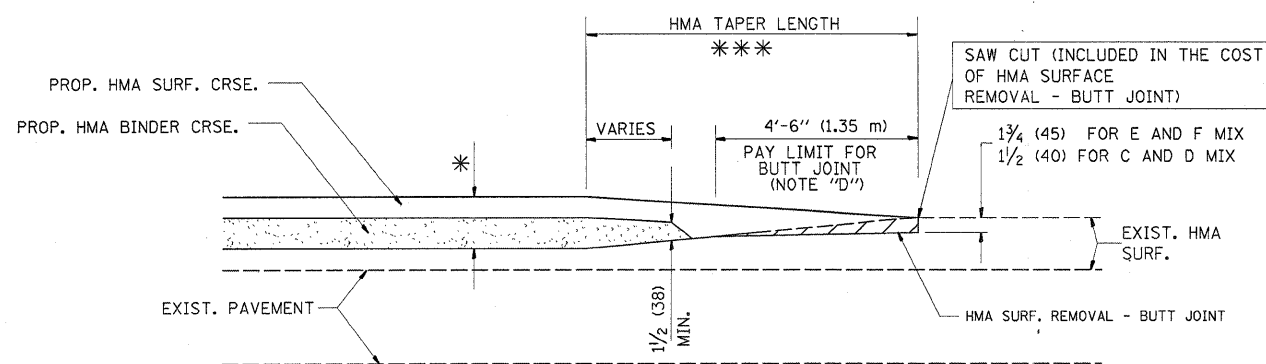
**OPTION 1**



HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

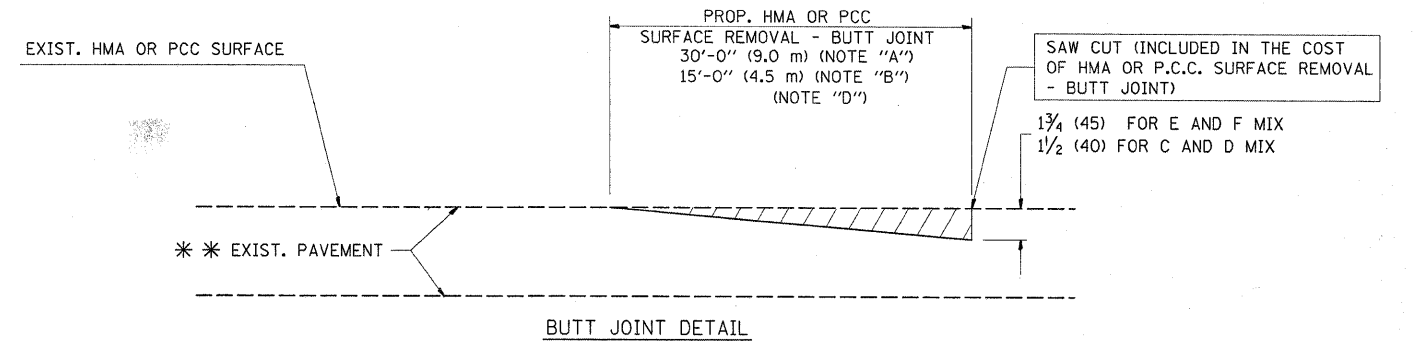
**OPTION 2**

**TYPICAL TEMPORARY RAMP**

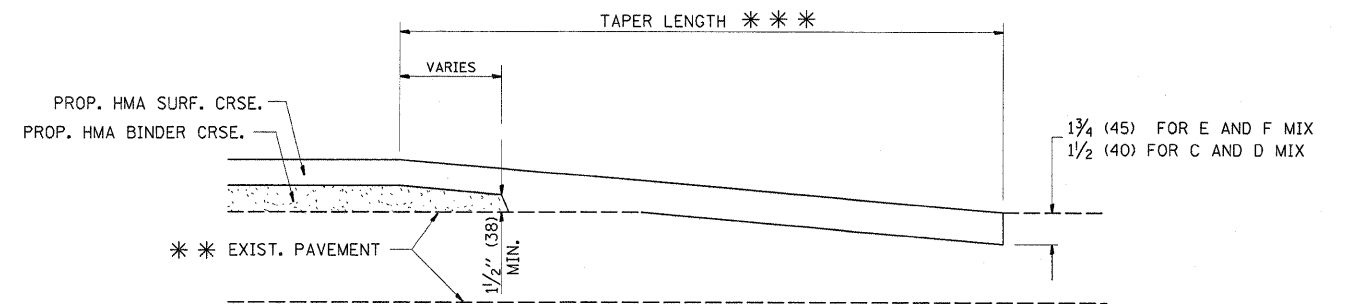


BUTT JOINT AND  
HMA TAPER

**TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING**



BUTT JOINT DETAIL



HMA TAPER DETAIL

**TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

|  |                     |                       |                             |
|--|---------------------|-----------------------|-----------------------------|
| FILE NAME =                                | USER NAME = abebawa | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94  |
| es:\pv\work\PWIDDOT\ABERAWA\0147373\01stat | bd.dgn              | DRAWN -               | REVISED - A. ABBAS 03-21-97 |
| PLOT SCALE = 50.0000' / IN.                | CHECKED -           | DATE - 06-13-90       | REVISED - M. GOMEZ 04-06-01 |
| PLOT DATE = 8/15/2009                      |                     |                       | REVISED - R. BORO 01-01-07  |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|   |             |             |              |
|---|-------------|-------------|--------------|
| <b>BUTT JOINT AND<br/>HMA TAPER DETAILS</b> |             |             |              |
| SCALE: NONE                                 | SHEET NO. 1 | OF 1 SHEETS | STA. TO STA. |

|   |            |        |                           |           |
|---|------------|--------|---------------------------|-----------|
| F.A.U. RTE.                                     | SECTION    | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 1349  | 3309B-RS-1 | COOK   | 26                        | 19        |
| <b>BD400-05 BD32</b>                            |            |        | <b>CONTRACT NO. 62759</b> |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |            |        |                           |           |