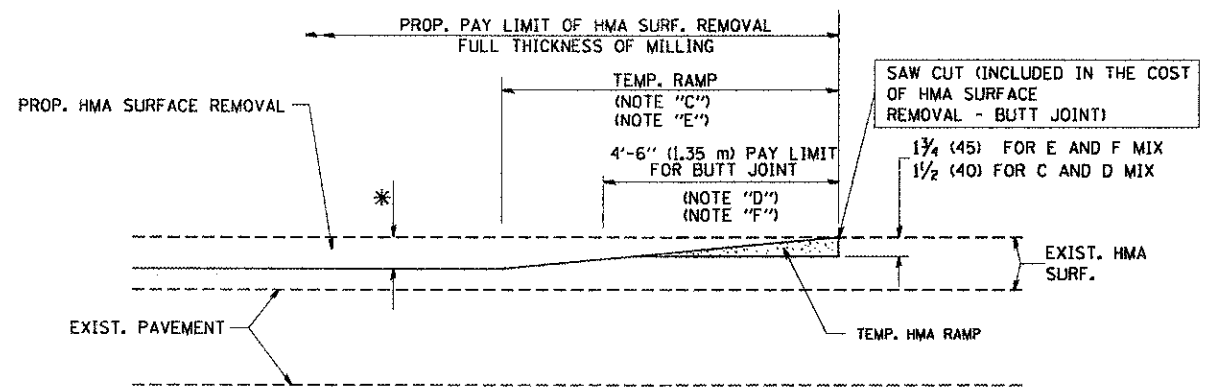


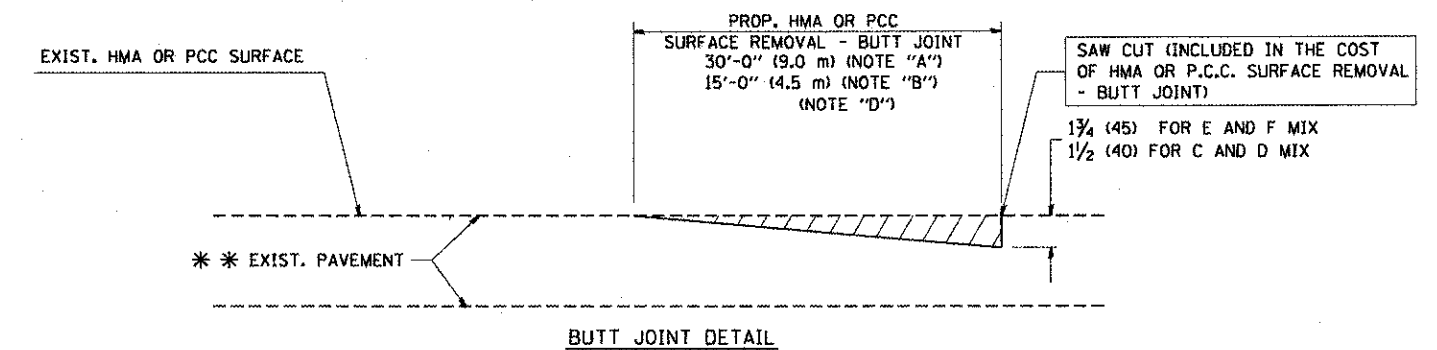
**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

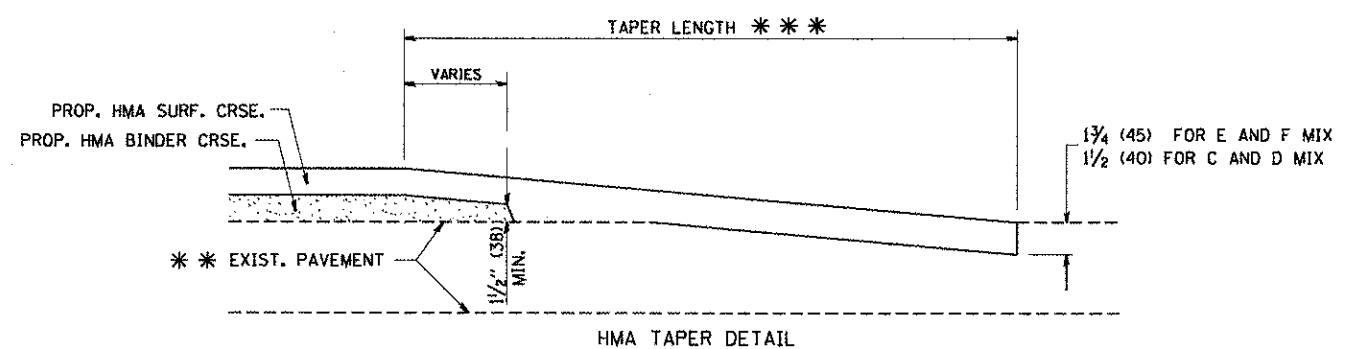


**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

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

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

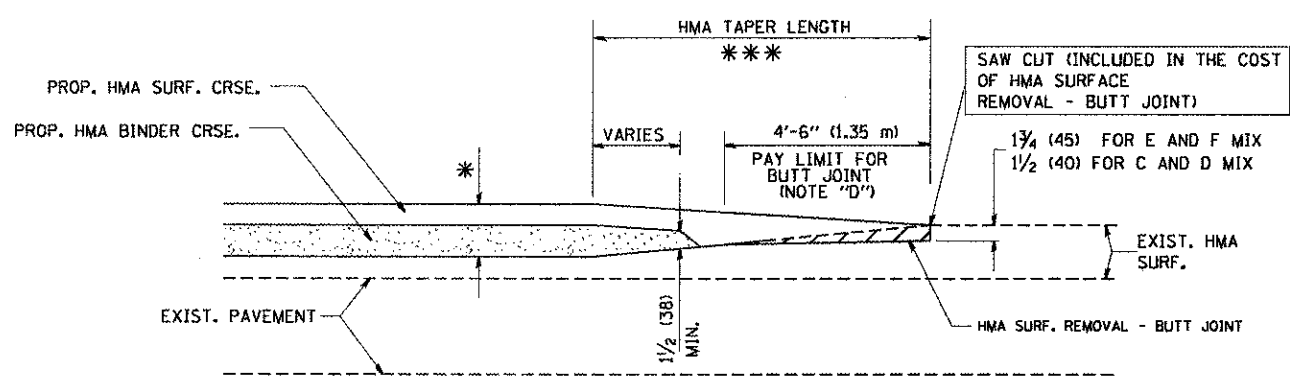
**NOTES**

- 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.



**BUTT JOINT AND HMA TAPER**

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

|   |                        |                             |                             |   |   |                         |                |         |   |                 |                           |       |
|---|------------------------|-----------------------------|-----------------------------|---|---|-------------------------|----------------|---------|---|-----------------|---------------------------|-------|
| FILE NAME =<br>N:\a1stsd\22x34\bd32.dgn | USER NAME = gaglionobt | DESIGNED - M. DE YONG       | REVISED - R. SHAH 10-25-94  | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>BUTT JOINT AND<br/>HMA TAPER DETAILS</b> |                         | F.A.S.<br>RTE. | SECTION | COUNTY  | TOTAL<br>SHEETS | SHEET<br>NO.              |       |
|   |                        | DRAWN -                     | REVISED - A. ABBAS 03-21-97 |   | SCALE: NONE                                 | SHEET NO. 1 OF 1 SHEETS | STA.           | TO STA. | 0028  | 08-00355-01-BR  | MCHENRY                   | 87 69 |
|   |                        | PLOT SCALE = 80.0000' / IN. | REVISOR - M. GOMEZ 04-06-01 |   |   |                         |                |         | <b>BD400-05 BD32</b>                            |                 | <b>CONTRACT NO. 63524</b> |       |
|   |                        | PLOT DATE = 1/4/2008        | DATE - 06-13-90             |   | REVISED - R. BORO 01-01-07                  |                         |                |         | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                 |                           |       |