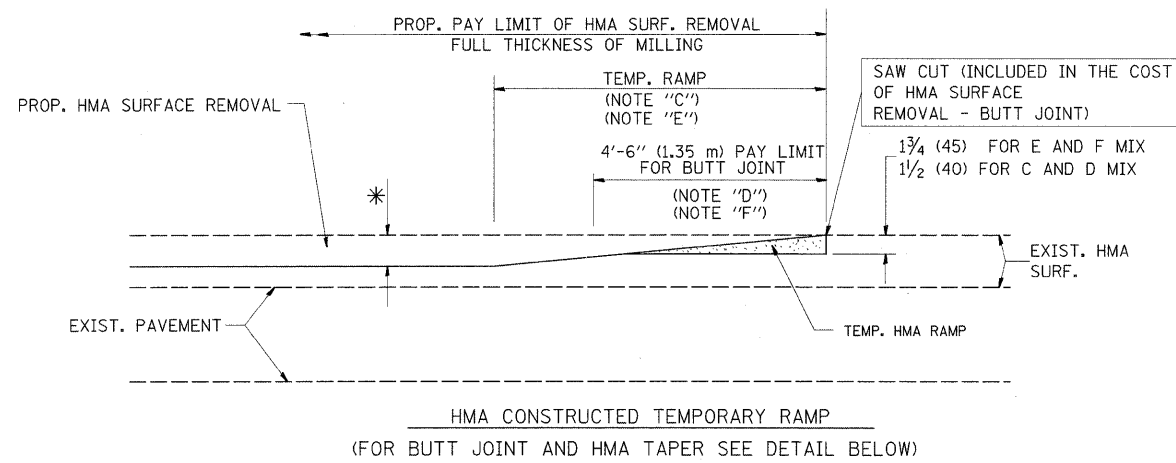
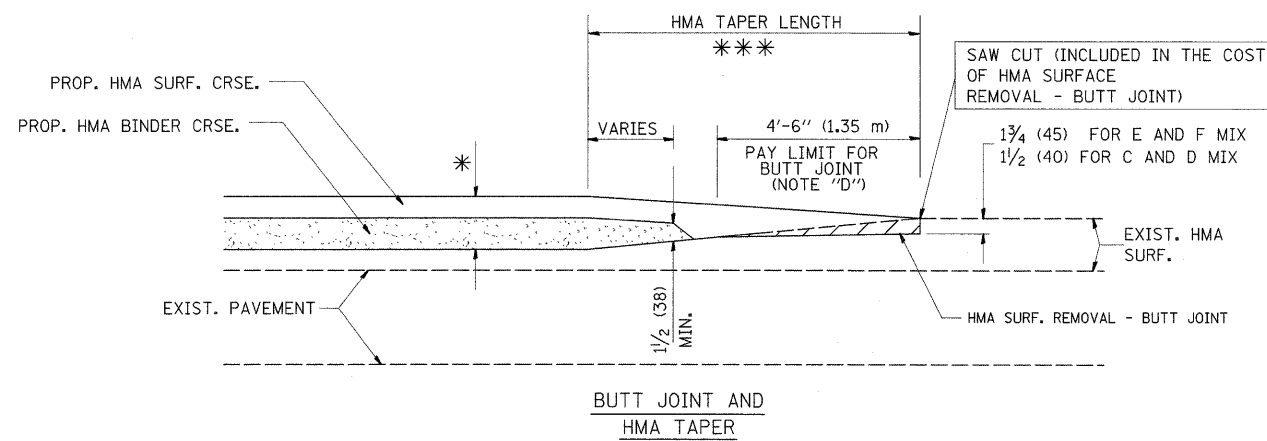


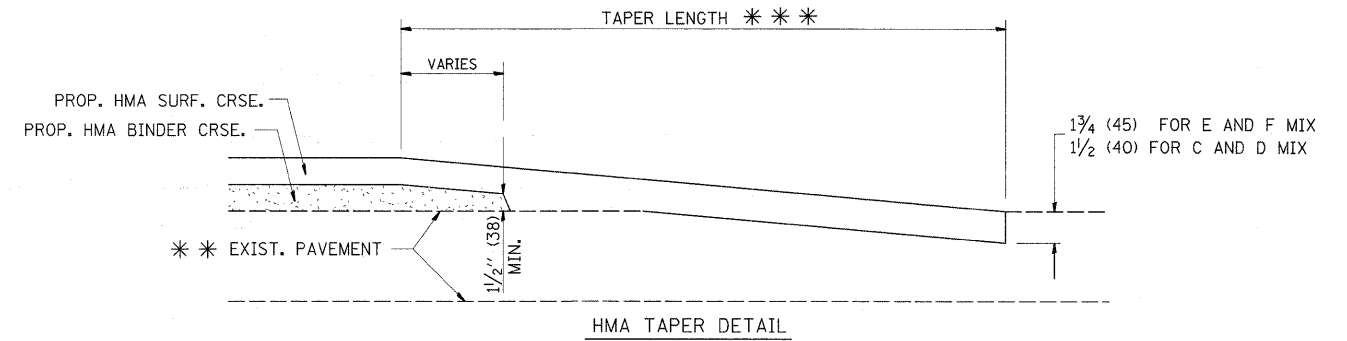
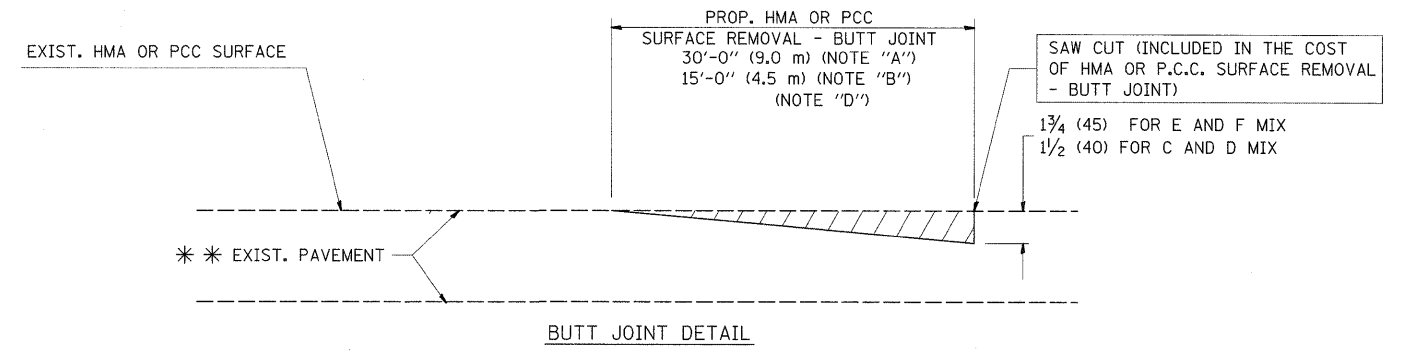
**OPTION 1**



**OPTION 2  
TYPICAL TEMPORARY RAMP**



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



**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 = whitatar | 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.U. RTE.                                     | SECTION | COUNTY        | TOTAL SHEETS | SHEET NO. |
| ct:\pwwork\pwidot\whitatar\d0175521\d0175521.dwg | Std.dgn              | DRAWN -                     | REVISED - A. ABBAS 03-21-97 |   | 1521  | W-RS-5 | KANE  | 16      | 10            |              |           |
| PLOT SCALE = 50.0000' / IN.                      | CHECKED -            | REVISOR - M. GOMEZ 04-06-01 | SCALE: NONE                 |   | SHEET NO. 1 OF 1 SHEETS                     |        | STA.  | TO STA. | BD400-05 BD32 | CONTRACT NO. | 60J72     |
| PLOT DATE = 2/2/2010                             | DATE - 06-13-90      | REVISED - R. BORO 01-01-07  |                             |   |   |        | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |         |               |              |           |