

TYPICAL BUTT JOINT AND HMA TAPER

FOR MILLING AND RESURFACING

= 10/31/2006 = K:\diststd\bd32. = 50.0000 / IN. = leyso

DATE NAME SCALE NAME

SECTION COUNTY 18 16 06-10054-00-RS DU PAGE TO STA. FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT CONTRACT 83877 PROP. HMA OR PCC
SURFACE REMOVAL - BUTT JOINT
30'-0" (9.0 m) (NOTE "A") SAW CUT (INCLUDED IN THE COST OF HMA OR P.C.C. SURFACE REMOVAL EXIST. HMA OR PCC SURFACE 15'-0" (4.5 m) (NOTE "B") (NOTE "D") 13/4 (45) FOR E AND F MIX $\lceil 1 \frac{1}{2} \pmod{0}$ FOR C AND D MIX * * EXIST. PAVEMENT BUTT JOINT DETAIL TAPER LENGTH * * * VARIES PROP. HMA SURF. CRSE. 13/4 (45) FOR E AND F MIX PROP. HMA BINDER CRSE. -1/2 (40) FOR C AND D MIX

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

HMA TAPER DETAIL

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

* * EXIST. 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" (L.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".
- st see typical sections for milling thickness.
- $\# \ \# \ \# \ 20'-0'' \ \text{(6.1 m)}$ PER 1 (25) RESURFACING (NOTE "A") $10'-0'' \ \text{(3.0 m)}$ PER 1 (25) RESURFACING (NOTE "B")

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

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".

1 1/2/1/2/) (V) (V)
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE HORIZ. PLOT DATE: 10/31/2006

DRAWN BY
CHECKED BY
RD400-05 (VI=BD)

CONTRACT NO.

BD400-05 (VI=BD32)
REVISION DATE:01/01/07