PROP. PAY LIMIT OF HMA SURF. REMOVAL FULL THICKNESS OF MILLING TEMP. RAMP PROP. HMA SURFACE REMOVAL-EXIST. HMA EXIST. PAVEMENT MILLED TEMPORARY RAMP (FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW) OPTION 1 PROP. PAY LIMIT OF HMA SURF. REMOVAL FULL THICKNESS OF MILLING SAW CUT (INCLUDED IN THE COST TEMP, RAMP OF HMA SURFACE (NOTE "C") REMOVAL - BUTT JOINT) PROP. HMA SURFACE REMOVAL (NOTE "E")  $1\frac{3}{4}$  (45) FOR E AND F MIX  $1\frac{1}{2}$  (40) FOR C AND D MIX 4'-6" (1.35 m) PAY LIMIT FOR BUTT JOINT EXIST. HMA EXIST. PAVEMENT HMA CONSTRUCTED TEMPORARY RAMP (FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW) OPTION 2 TYPICAL TEMPORARY RAMP HMA TAPER LENGTH SAW CUT (INCLUDED IN THE COST \*\*\* OF HMA SURFACE PROP. HMA SURF. CRSE. REMOVAL - BUTT JOINT) 4'-6" (1.35 m) 13/4 (45) FOR E AND F MIX VARIES\_ PROP. HMA BINDER CRSE. PAY LIMIT FOR BUTT JOINT (NOTE "D") 11/2 (40) FOR C AND D MIX EXIST. HMA SURF. HMA SURF. REMOVAL - BUTT JOINT EXIST. PAVEMENT BUTT JOINT AND HMA TAPER TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

DATE NAME SCALE NAME

Wesking CAUD DETAILS Wid32 dgn 6/19/2007 t0:26:43 AM User-youthk

CONTRACT NO. 60A57

COUNTY TOTAL SHEET NO. F.A.I. SECTION 55 99 (1&2) RS-10 WILL 18 12 TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT PROP. HMA OR PCC SURFACE REMOVAL - BUTT JOINT 30'-0" (9.0 m) (NOTE "A") SAW CUT (INCLUDED IN THE COST EXIST. HMA OR PCC SURFACE OF HMA OR P.C.C. SURFACE REMOVAL 15'-0" (4.5 m) (NOTE "B") - BUTT JOINT) (NOTE "D") 13/4 (45) FOR E AND F MIX 1/2 (40) 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. 11/2 (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" (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.

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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 SOUARE YARD (SOUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

M. DE YONG 6-13-90 M. DE YONG 7-3-90 M. DE YONG 3-27-92 R. SHAH 09/09/9- R. SHAH 10/25/94 A. ABBAS 03/21/91 M. GOMEZ 04/06/0	REVISIO	
M. DE YONG 7-3-90 M. DE YONG 3-27-92 R. SHAH 09/09/9/9 R. SHAH 10/25/9/ A. ABBAS 03/21/9/ M, GOMEZ 04/06/0	NAME	DATE
M. DE YONG 3-27-92 R. SHAH 09/09/94 R. SHAH 10/25/94 A. ABBAS 03/21/97 M. GOMEZ 04/06/0	M. DE YONG	6-13-90
R. SHAH 09/09/94 R. SHAH 10/25/94 A. ABBAS 03/21/97 M. GOMEZ 04/06/0	M. DE YONG	7-3-90
R. SHAH 10/25/94 A. ABBAS 03/21/97 M. GOMEZ 04/06/0	M. DE YONG	3-27-92
A. ABBAS 03/21/97 M. GOMEZ 04/06/0	R. SHAH	09/09/94
M. GOMEZ 04/06/0	R. SHAH	10/25/94
	A. ABBAS	03/21/97
R. BORO 01/01/07	M. GOMEZ	04/06/0
	R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE HORIZ. PLOT DATE: 6/15/2007

CHECKED BY

BD400-05 (VI=BD32)