PROP. PAY LIMIT OF HMA SURF. REMOVAL FULL THICKNESS OF MILLING TEMP. RAMP (NOTE "C") PROP. HMA SURFACE REMOVAL-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 REMOVAL - BUTT JOINT) (NOTE "C") PROP. HMA SURFACE REMOVAL 13/4 (45) FOR E AND F MIX 4'-6" (1.35 m) PAY LIMIT 1/2 (40) FOR C AND D MIX (NOTE "D") EXIST. HMA SURF. 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) PROP. HMA BINDER CRSE. VARIES 4'-6" (1.35 m) 13/4 (45) FOR E AND F MIX PAY LIMIT FOR BUTT JOINT (NOTE "D") $1\frac{1}{2}$ (40) FOR C AND D MIX _EXIST. HMA "SURF. EXIST. PAVEMENT HMA SURF. REMOVAL - BUTT JOINT [₹]|¥

BUTT JOINT AND

HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING

COUNTY TOTAL SHEET NO. COUNTY TOTAL SHEETS SECTION 2688 3178 G-RS-2 COOK 24 16 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 11/2 (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 * * EXIST. PAVEMENT 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

- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATEL' 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")

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".

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	TELLINOIS DEL ALLIMEN	I OF TRANSFORTATION
M. DE YONG	6-13-90		
M. DE YONG	7-3-90	BUTT JOINT AND HMA TAPER DETAILS	
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	SCALE: VERT. NONE	DRAWN BY
		HORIZ. NUNE	DRAWN B1
			CHECKED BY

CHECKED BY
BD400-05 (VI=BD32)

)T DATE = 3/17/2007 E NAME = W:\dists\d\bd32.dgn)T SCALE = 49.9999 '/ IN