PROP. PAY LIMIT OF BIT. SURF. REMOVAL FULL THICKNESS OF MILLING TEMP. RAMP (NOTE "E") PROP. BIT. SURFACE REMOVAL-EXIST. PAVEMENT SURFACE MILLED TEMPORARY RAMP (FOR BUTT JOINT AND BIT. TAPER SEE DETAIL BELOW) OPTION 1 PROP. PAY LIMIT OF BIT. SURF. REMOVAL FULL THICKNESS OF MILLING SAW CUT (INCLUDED IN THE COST TEMP. RAMP OF BITUMINOUS SURFACE PROP. BIT. SURFACE REMOVAL REMOVAL - BUTT JOINT) 1.35 m (4.5') PAY LIMIT FOR BUTT JOINT EXIST. BIT. SURF. EXIST. PAVEMENT BITUMINOUS CONSTRUCTED TEMPORARY RAMP (FOR BUTT JOINT AND BIT, TAPER SEE DETAIL BELOW) OPTION 2 TYPICAL TEMPORARY RAMP BIT. TAPER LENGTH \*\*\* SAW CUT (INCLUDED IN THE COST OF BITUMINOUS SURFACE PROP. BIT. SURF. CRSE. REMOVAL - BUTT JOINT) PROP. BIT. BINDER CRSE. VARIES 1.35 m (4.5') 45 (1 3/4) FOR E AND F MIX 40 (1 1/2) FOR C AND D MIX PAY LIMIT FOR BUTT JOINT (NOTE "D") \_EXIST. BIT. EXIST. PAVEMENT BUTT JOINT AND BITUMINOUS TAPER

> TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR MILLING AND RESURFACING

CONTRACT No: 83861 COUNTY TOTAL SHEETS 1373 00-00058-00-RS COOK 113 STA. N/A TO STA. N/A FEO. ROAD DIST. NG. Ba.INOIS PROP. BIT. OR P.C.C.
SURFACE REMOVAL - BUTT JOINT SAW CUT (INCLUDED IN THE COST-EXIST, BIT, OR CONC. SURFACE 9.0 m (30ft.) (NOTE "A") 4.5 m (15ft.) (NOTE "B") OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT) (NOTE "D") 45 (1 3/4) FOR E AND F MIX (1 1/2) FOR C AND D MIX \* \* EXIST. PAVEMENT BUTT JOINT DETAIL TAPER LENGTH \* \* VARIES PROP. BIT. SURF. CRSE. -PROP, BIT, BINDER CRSE. -\* \* EXIST. PAVEMENT BITUMINOUS TAPER DETAIL TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY \* \* PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING BITUMINOUS SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED BITUMINOUS COURSES.
- E: TAPER THE TEMP, RAMP AT A RATE OF 900 (3 ft.) PER INCH OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 1.35 m (4.5') TEMP. BIT. RAMP WILL BE PAID AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT".
- G: SEE ARTICLE 406.18 AND 406.24 OF THE STANDARD SPECIFICATIONS FOR "BITUMINOUS AND PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

\* \* \* 6.1 m (20") PER 25 (1) RESURFACING (NOTE "A") 3.0 m (10") PER 25 (1) RESURFACING (NOTE "B") ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND BITUMINOUS TAPER DETAILS

SCALE: NONE

DATE PLOTTED:10/18/2002

THE BUTT JOINT WILL BE PAID FOR PER SQUARE METER (SQUARE YARD.) AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT" OR AS "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

M. DE YONG M. DE YONG M. DE YONG R. SHAH

R. SHAH A. ABBAS

REVISION DATE: 04/06/01