PROP. PAY LIMIT OF BIT. SURF. REMOVAL FULL THICKNESS OF MILLING TEMP, RAMP (NOTE "E") PROP. BIT. SURFACE REMOVAL EXIST. BIT. SURFACE EXIST. PAVEMENT 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 OF BITUMINOUS SURFACE (NOTE "C") (NOTE "E") PROP. BIT. SURFACE REMOVAL REMOVAL - BUTT JOINT) EXIST. BIT. EXIST, PAVEMENT TEMP. BIT. RAME 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. 1.35 m (4.5') VARIES PAY LIMIT FOR BUTT JOINT EXIST. BIT. EXIST. PAVEMENT BIT. SURF. REMOVAL - BUTT JOINT BUTT JOINT AND BITUMINOUS TAPER

TYPICAL BUTT JOINT AND BITUMINOUS TAPER

FOR MILLING AND RESURFACING

TOTAL SHEET SHEETS NO. コム 15 F.A. RTE. SECTION STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT PROP. BIT. OR P.C.C. SURFACE REMOVAL - BUTT JOINT 9.0 m (30ft.) (NOTE "A") SAW CUT (INCLUDED IN THE COST EXIST. BIT. OR CONC. SURFACE OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT) 4.5 m (15ft.) (NOTE "B") (NOTE "D") _45 (1 3/4) FOR E AND F MIX -40 (1 1/2) FOR C AND D MIX * * EXIST. PAVEMENT BUTT JOINT DETAIL TAPER LENGTH * * * VARIES PROP. BIT. SURF. CRSE.-

TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY

BITUMINOUS TAPER DETAIL

* * PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT.

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.

* * EXIST, PAVEMENT

PROP. BIT. BINDER CRSE. -

- 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.

45 (1 3/4) FOR E AND F MIX [40 (1 1/2) FOR C AND D MIX

BASIS OF PAYMENT:

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

M. DE YONG
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R. SHAH R. SHAH A. ABBAS M. GOMEZ

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND BITUMINOUS TAPER DETAILS

SCALE: VERT. DATE: 6/4/2006

CHECKED BY

BD400-05 (VI=BD32)

CONTRACT NO. 60 832

REVISION DATE: 04/06/01