F. A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3809	05-00050-00-CH	DUPAGE	36	16

STA.		TO STA.	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT F-0021(068)	

CONTRACT NO. 83852

MILLED TEMPORARY RAMP
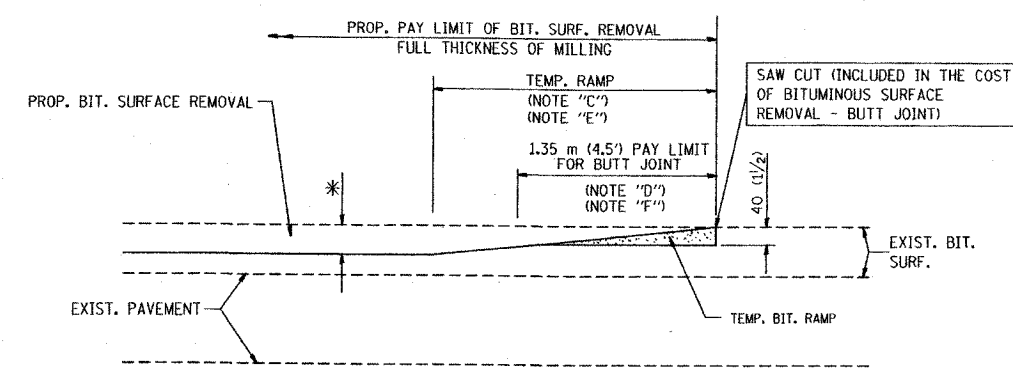
PROP. PAY LIMIT OF BIT. SURF. REMOVAL
FULL THICKNESS OF MILLING

TEMP. RAMP
(NOTE "C")
(NOTE "E")

PROP. BIT. SURFACE REMOVAL

EXIST. PAVEMENT

EXIST. BIT. SURFACE

MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND BIT. TAPER SEE DETAIL BELOW)

OPTION 1

BITUMINOUS CONSTRUCTED TEMPORARY RAMP

PROP. PAY LIMIT OF BIT. SURF. REMOVAL
FULL THICKNESS OF MILLING

TEMP. RAMP
(NOTE "C")
(NOTE "E")

SAW CUT (INCLUDED IN THE COST OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT)

PROP. BIT. SURFACE REMOVAL

1.35 m (4.5') PAY LIMIT FOR BUTT JOINT
(NOTE "D")
(NOTE "F")

40 (1½)

EXIST. BIT. SURF.
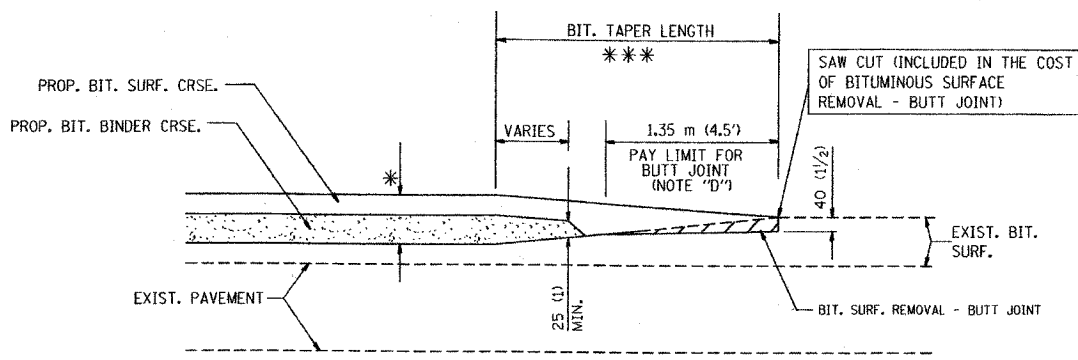
EXIST. PAVEMENT

TEMP. BIT. RAMP

BITUMINOUS CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND BIT. TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP

TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR MILLING AND RESURFACING

BIT. TAPER LENGTH
***

PROP. BIT. SURF. CRSE.
PROP. BIT. BINDER CRSE.

SAW CUT (INCLUDED IN THE COST OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT)

VARIES

1.35 m (4.5')
PAY LIMIT FOR BUTT JOINT
(NOTE "D")

40 (1½)
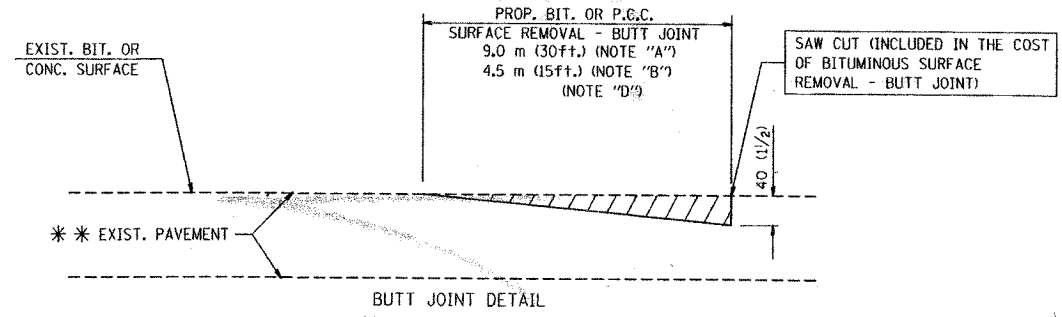
EXIST. BIT. SURF.

EXIST. PAVEMENT

25 (1) MIN.

BIT. SURF. REMOVAL - BUTT JOINT
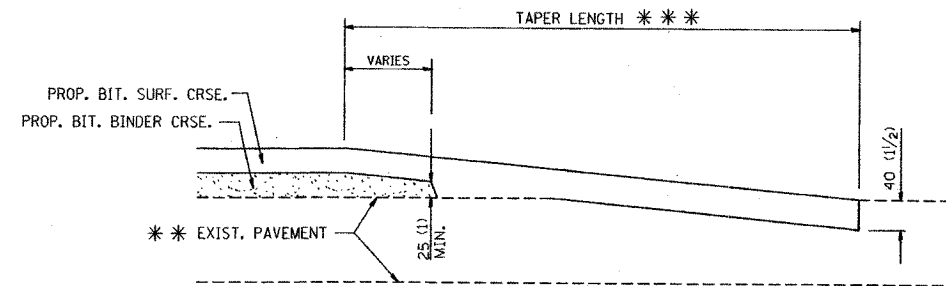
BUTT JOINT AND BITUMINOUS TAPER

TYPICAL BUTT JOINT AND BITUMINOUS TAPER
FOR MILLING AND RESURFACING

BUTT JOINT DETAIL

PROP. BIT. OR P.C.C.
SURFACE REMOVAL - BUTT JOINT
9.0 m (30ft.) (NOTE "A")
4.5 m (15ft.) (NOTE "B")
(NOTE "D")

EXIST. BIT. OR CONC. SURFACE

SAW CUT (INCLUDED IN THE COST OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT)

40 (1½)

✳✳ EXIST. PAVEMENT

BUTT JOINT DETAIL

BITUMINOUS TAPER DETAIL

TAPER LENGTH ✳✳✳

VARIES

PROP. BIT. SURF. CRSE.
PROP. BIT. BINDER CRSE.

40 (1½)

✳✳ EXIST. PAVEMENT

25 (1) MIN.

BITUMINOUS TAPER DETAIL

TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY

✳✳ PC CONCRETE, BITUMINOUS OR BITUMINOUS 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 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")

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 JOINT".

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND BITUMINOUS TAPER DETAILS

SCALE: NONE
DATE: 03/13/00

DRAWN BY
CHECKED BY

BD400-05 (VI=BD32)