OPTION 1

PROP. PAY LIMIT OF HMA SURF. REMOVAL
FULL THICKNESS OF MILLING
TEMP. RAMP
(NOTE "C")
(NOTE "E")

PROP. HMA SURFACE REMOVAL

EXIST. PAVEMENT

EXIST. HMA SURFACE

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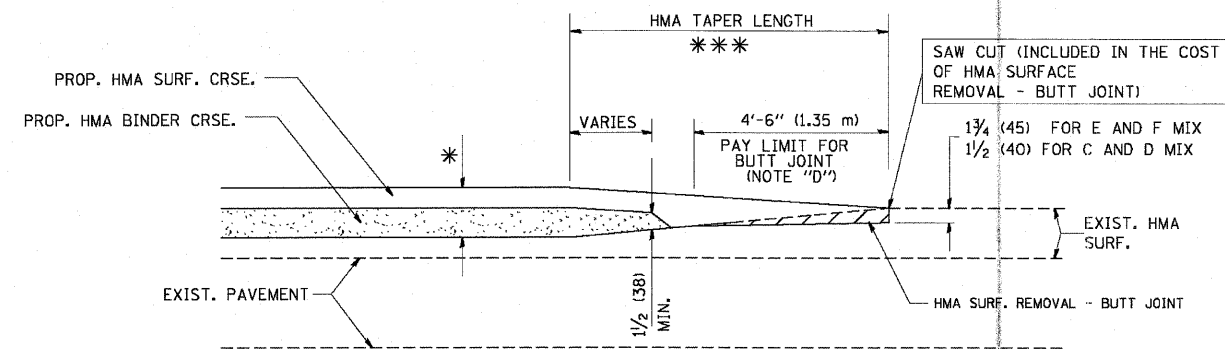(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

PROP. PAY LIMIT OF HMA SURF. REMOVAL
FULL THICKNESS OF MILLING
TEMP. RAMP
(NOTE "C")
(NOTE "E")

PROP. HMA SURFACE REMOVAL

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

1¾ (45) FOR E AND F MIX
1½ (40) FOR C AND D MIX

4'-6" (1.35 m) PAY LIMIT FOR BUTT JOINT
(NOTE "D")
(NOTE "F")

EXIST. HMA SURF.

EXIST. PAVEMENT

TEMP. HMA RAMP
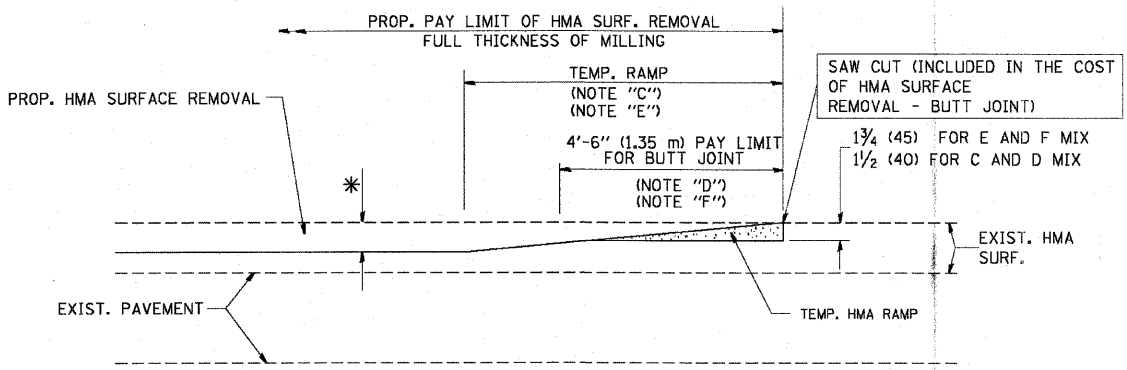
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

TYPICAL TEMPORARY RAMP

HMA TAPER LENGTH
✶✶✶

PROP. HMA SURF. CRSE.
PROP. HMA BINDER CRSE.

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

1¾ (45) FOR E AND F MIX
1½ (40) FOR C AND D MIX

VARIES

4'-6" (1.35 m)
PAY LIMIT FOR BUTT JOINT
(NOTE "D")

EXIST. HMA SURF.

EXIST. PAVEMENT

1½ (38) MIN.

HMA SURF. REMOVAL - BUTT JOINT

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

EXIST. HMA OR PCC SURFACE

PROP. HMA OR PCC
SURFACE REMOVAL - BUTT JOINT
30'-0" (9.0 m) (NOTE "A")
15'-0" (4.5 m) (NOTE "B")
(NOTE "D")

SAW CUT (INCLUDED IN THE COST OF HMA OR P.C.C. SURFACE REMOVAL - BUTT JOINT)

1¾ (45) FOR E AND F MIX
1½ (40) FOR C AND D MIX

✶✶ EXIST. PAVEMENT

BUTT JOINT DETAIL

TAPER LENGTH ✶✶✶

VARIES

PROP. HMA SURF. CRSE.
PROP. HMA BINDER CRSE.

1¾ (45) FOR E AND F MIX
1½ (40) FOR C AND D MIX

✶✶ EXIST. PAVEMENT

1½ (38) MIN.
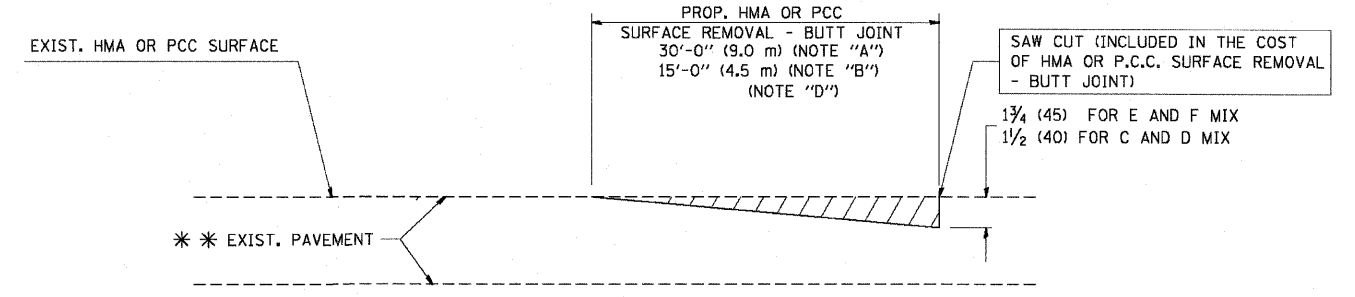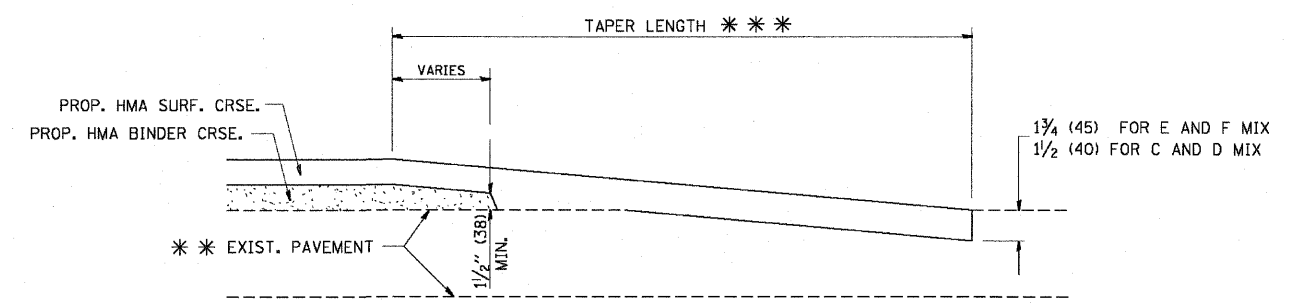
HMA TAPER DETAIL

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 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")

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".

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

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS	F.A.U. RTE. 2567	SECTION 05-00069-00-CH	COUNTY DuPage	TOTAL SHEETS 42	SHEET NO. 34
		DRAWN -	REVISED - A. ABBAS 03-21-97							
PLOT SCALE = 50.0000 '/ IN.		CHECKED -	REVISED - M. GOMEZ 04-06-01			BD400-05 BD32		CONTRACT NO. 63567		
PLOT DATE = 1/4/2008		DATE - 06-13-90	REVISED - R. BORO 01-01-07		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			