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 (NOTE "C") (NOTE "E") PROP. HMA SURFACE REMOVAL REMOVAL - BUTT JOINT) 13/4 (45) FOR E AND F MIX 11/2 (40) FOR C AND D MIX EXIST. HMA 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 REMOVAL - BUTT JOINT) PROP. HMA SURF. CRSE. PROP. HMA BINDER CRSE. 4'-6" (1.35 m) VARIES_ 13/2 (45) FOR E AND F MIX PAY LIMIT FOR BUTT JOINT (NOTE "D") 1/2 (40) FOR C AND D MIX EXIST, HMA SURF. EXIST. PAVEMENT HMA SURE, REMOVAL - BUTT JOINT 진

PROP. HMA OR PCC SURFACE REMOVAL - BUTT JOINT SAW CUT (INCLUDED IN THE COST OF HMA OR P.C.C. SURFACE REMOVAL EXIST. HMA OR PCC SURFACE 30'-0" (9.0 m) (NOTE "A") 15'-0" (4.5 m) (NOTE "B") (NOTE "D") 134 (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. 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. Es 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 PAYMENTS

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".

	REVISIO	NS	_
	NAME	DATE	
M.	DE YONG	6-13-90	
M.	DE YONG	7-3-90	
M.	DE YONG	3-27-92	
R.	SHAH	09/09/94	
R.	SHAH	10/25/94	
A.	ABBAS	03/21/97	
M.	COMEZ	04/06/01	
R.	BORO	01/01/07	

BUTT JOINT AND HMA TAPER DETAILS

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. NONE

DRAWN BY CHECKED BY BD400-05 (VI=BD32)

TOTAL SHEET SHEETS NO.

COUNTY

FEO. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

RTE. SECTION

266 22ND Street, Suite 216, Lombard, IL 60148 630.705.0110 voice, 630.839.2566 fax www.millenniaeng.com

DESIGNED TVN REVISED DRAWN TVN REVISED CHECKED RPD REVISED DATE 01/14/09 REVISED

BUTT JOINT AND

HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

> STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

FAI 57/I-57 AT N. PEOTONE/JOLIET RD DISTRICT ONE STANDARD DETAILS BD400-05

TO STA.

COUNTY TOTAL SHEETS NO. SECTION 99-2H-1-I-2 CONTRACT NO. 60D65

FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT P:\2007\ME07080_VarVar_PhII\Cadd\WOI\Base\Sht_Peotone\BD400DI_DETAILS.sh

SHEET NO. OF SHEETS STA.

MILLENNIA ENGINEERING