



**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")

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

**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".

REVISIONS	
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. GOMEZ	04/06/01
R. BORO	07/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BUTT JOINT AND HMA TAPER DETAILS**  
 SCALE: VERT. NONE  
 HORIZ. NONE  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 BD400-05 (VI-BD32)

Plotted: July 15, 2008 @ 10:18 AM By: Jim Gates - Tab: 18 BD-32 22X34  
 PLOT DATE: 7/15/08  
 PLOT SCALE: 1/8" = 1'-0"  
 SHEET NAME: 18 BD-32

COPYRIGHT © 2008 ENGINEERING ENTERPRISES, INC.

**Engineering Enterprises, Inc.**  
 CONSULTING ENGINEERS  
 52 Wheeler Road  
 Sugar Grove, Illinois 60554  
 Phone: (630) 466-9350

**VILLAGE OF SUGAR GROVE**  
 10 MUNICIPAL DRIVE  
 SUGAR GROVE, IL 60554

NO.	DATE	REVISIONS
2	7/15/08	PER IDOT COMMENTS
1	7/2/08	PER IDOT COMMENTS

**WHEELER ROAD LAPP RESURFACING**

**BUTT JOINT AND HMA TAPER DETAILS**  
 BD-32

DATE:	MAY 2008
PROJECT NO:	SG0825
FILE NO:	SG0825-CVR
SHEET	18 OF 18

Path: H:\SBSK\PROJ\SG0825\DWG\DWG\_FINAL\_ENG\SG0825-CVR