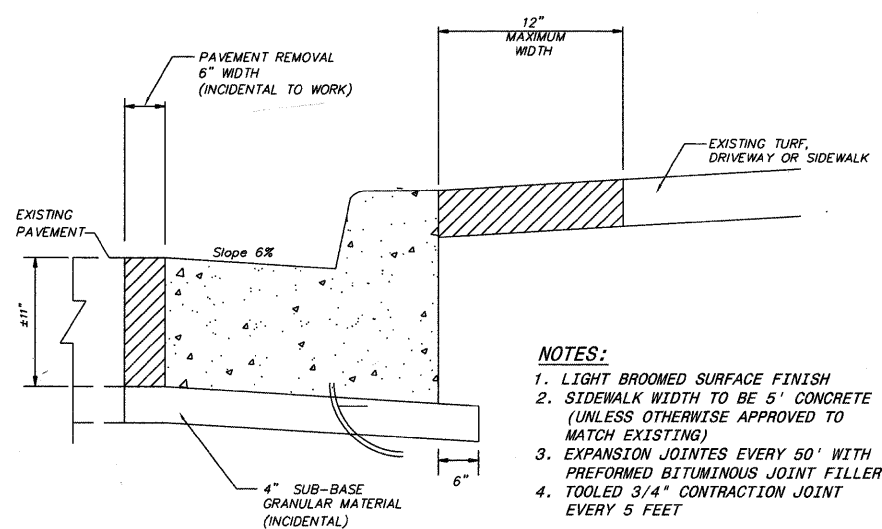


**SMITH ENGINEERING CONSULTANTS, INC.**  
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS  
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 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

**COMBINATION CONCRETE CURB AND GUTTER  
 REMOVAL AND REPLACEMENT DETAIL**



- NOTES:**
1. LIGHT BROOMED SURFACE FINISH
  2. SIDEWALK WIDTH TO BE 5' CONCRETE (UNLESS OTHERWISE APPROVED TO MATCH EXISTING)
  3. EXPANSION JOINTS EVERY 50' WITH PREFORMED BITUMINOUS JOINT FILLER
  4. TOOLED 3/4" CONTRACTION JOINT EVERY 5 FEET

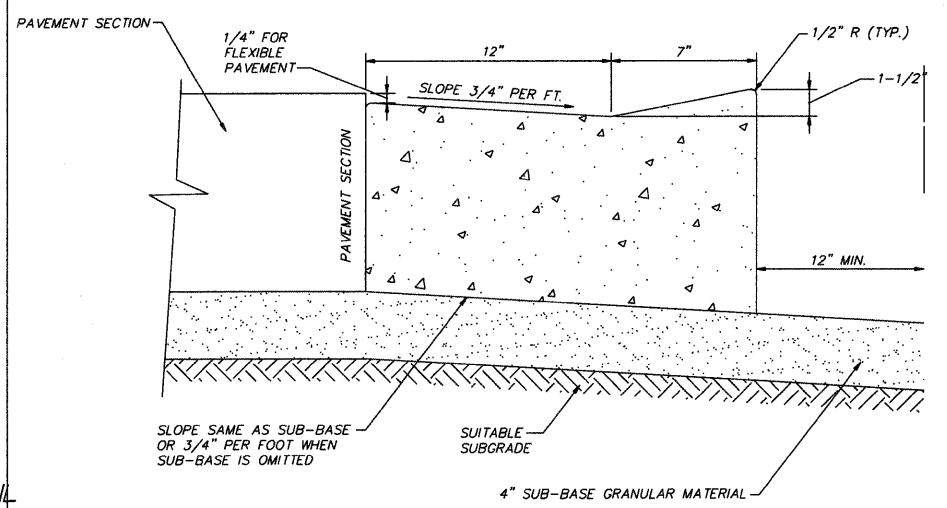
**VILLAGE OF MUNDELEIN  
 ENGINEERING DETAILS  
 SIDEWALK DETAIL**

THE COMBINATION CONCRETE CURB AND GUTTER AND ADJACENT SIDEWALKS AND/OR DRIVEWAYS TO BE REMOVED SHALL BE SAW CUT, REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE REPLACED IN KIND, INCLUDING ANY AND ALL JOINTS, REINFORCEMENT, JOINT FILLERS AND SUBBASE GRANULAR REPAIR. THE REMOVAL AND REPLACEMENT OF ADJACENT SIDEWALKS AND DRIVEWAYS AND ADJUSTMENT OR REPLACEMENT OF DRAINAGE FRAMES AND GRATES SHALL BE PAID FOR SEPARATELY.

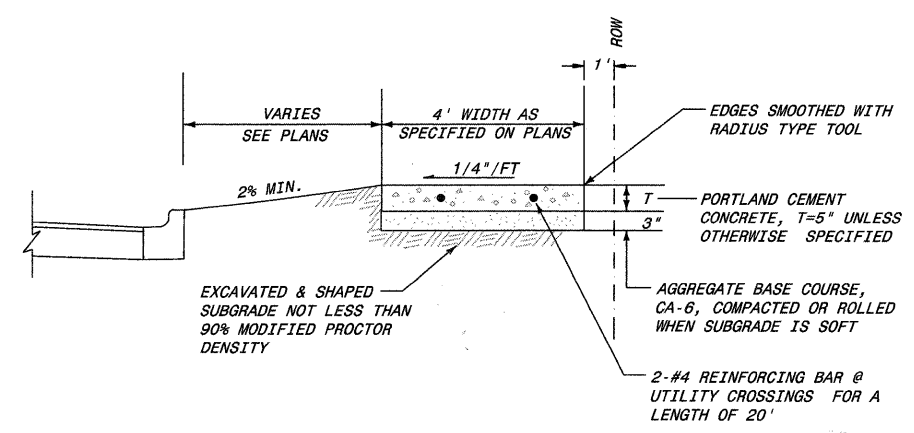
REMOVAL OF THE EXISTING PAVEMENT WILL BE REQUIRED IN ORDER TO INSTALL A FRONT FACE FORM. THE AREA BETWEEN THE EDGE OF THE EXISTING PAVEMENT AND THE FACE OF THE NEW GUTTER SHALL BE CLEANED OF ALL LOOSE MATERIAL AND FILLED WITH CLASS PV CONCRETE TO A MAXIMUM OF 6" WIDTH.

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

**DEPRESSED CURB FOR COMMERCIAL APPROACHES  
 AND HANDICAPPED SIDEWALK AREAS**



- NOTES:**
- THE TOP OF CURBS SHALL BE DEPRESSED WHERE THE CURB AND GUTTER IS CONSTRUCTED ACROSS ALLEYS AND FOR PRIVATE DRIVES OR WHERE DIRECTED BY THE VILLAGE ENGINEER
  - ANY CURB CONNECTED TO EXISTING CURB SHALL BE CONNECTED WITH 2 #4 SMOOTH DWEL RODS
  - 2 #4 REINFORCING BARS SHALL BE PLACED CONTINUOUSLY BETWEEN EXPANSION JOINTS.



- NOTES:**
1. LIGHT BROOMED SURFACE FINISH
  2. SIDEWALK WIDTH TO BE 5' CONCRETE (UNLESS OTHERWISE APPROVED TO MATCH EXISTING)
  3. EXPANSION JOINTS EVERY 50' WITH PREFORMED BITUMINOUS JOINT FILLER
  4. TOOLED CONTRACTION JOINT, ONE FOURTH THE DEPTH OF THE SIDEWALK EVERY 5 FEET

**VILLAGE OF MUNDELEIN  
 CONSTRUCTION DETAILS**

**SIDEWALK DETAIL**

REV.	BY	DATE	REVISION
1	MSJ	04-04-09	
2	BMJ	04-28-09	
3			

DETAIL NO.  
**R-4**

REVISED	DRAWN BY:	DATE:	PROJECT NO.
1			
2			
3			
4			
5			

**SEC Group, Inc.**  
 Illinois Professional Engineer Firm # 184-000108  
 Engineering  
 Surveying  
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USER NAME = jst-zolko  
 PLOT SCALE = 1:1  
 PLOT DATE = 4/1/2009

DESIGNED - JJS  
 DRAWN - JJS  
 CHECKED - JLP  
 DATE - 4/1/09

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**VILLAGE OF MUNDELEIN**

**CONSTRUCTION DETAILS**

SCALE: 1:1 SHEET NO. 3 OF 3 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	40
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63166	