



**MIN. BAR LAPS**

SIZE	LENGTH
#5	30"
#6	36"
#7	42"
#9	54"

**ESTIMATED QUANTITIES**

ITEM	QUANTITY
CONCRETE STRUCTURES CU. YDS	1266
REINFORCEMENT BARS LBS	113,350

- GENERAL INFORMATION**
- THE INTENT OF THESE PLANS AND SPECIFICATIONS IS TO PRESENT THE PROJECT REQUIREMENTS FOR ALL WORK NECESSARY TO PROVIDE THE COMPLETE STRUCTURE CALLED FOR AND AS SHOWN ON THESE PLANS. MAJOR DETAILS HAVE BEEN SHOWN ON THE DRAWINGS; HOWEVER, CERTAIN MINOR DETAILS MUST BE WORKED OUT IN THE FIELD BY THE CONTRACTOR.
  - VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION.
- NOTES:**
- ALL WORK SHALL CONFORM TO ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. IN PARTICULAR, SECTION 503 FOR CONCRETE STRUCTURES.
  - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, MAXIMUM SLUMP OF 4" AND AIR ENTRAINED 6%±2%.
  - REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ASTM A615 GRADE 60 DEFORMED BARS.
  - 3/4" CHAMFER ALL EXPOSED EDGES.
  - ALL CONSTRUCTION JOINTS SHALL BE BONDED.
  - ALLOWABLE SOIL BEARING PRESSURE AT TOE IS TO BE 1500 PSF. FIELD VERIFY AT TIME OF CONSTRUCTION.
  - BACKFILL BEHIND THE RETAINING WALLS SHALL BE PLACED TO THE LINES AND GRADES AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE CARE TO ENSURE USE OF SUITABLE MATERIAL AND PROPER COMPACTION OF ALL FILL AREAS. COMPACTION SHALL BE PERFORMED WITH A LOOSE THICKNESS OF NO MORE THAN 8" AND EACH LIFT SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698), TAKING CARE NOT TO OVERCOMPACT THE SOIL DIRECTLY BEHIND THE WALL. SOIL MOISTURE SHALL BE WITHIN -2 TO +3% OF OPTIMUM.

IL. PROJ: MLI-3673 AIP PROJ: 3-17-0068-XX



**REVISIONS**

NO.	ITEM	DATE

PLOTTING SCALE: NOT TO SCALE  
DRAWN BY: VAC  
CHECKED BY: AAG  
DATE: MARCH 2007

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**CIP RETAINING WALL DETAILS**  
ENTRANCE ROAD RELOCATION AND PARKING LOT EXPANSION  
MOLINE, ILLINOIS  
FILE NAME: T:\0107.001\DWG\RetWallDetails.dwg  
JOB NUMBER: 01-28-07-001