



**SOUTH TEMPORARY SOIL RETENTION SYSTEM**

(Looking West)  
Slopes and Distances Along Alignment of Sheet Piling (for proposed structure with 7°30" skew)

**NORTH TEMPORARY SOIL RETENTION SYSTEM**

(Looking West)  
Slopes and Distances Along Alignment of Sheet Piling (for proposed structure with 7°30" skew)

**Notes:**

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

For Plan location of Temporary Soil Retention Systems, see "General Plan" sheet of Bridge Plans.

**BILL OF MATERIAL**

Item	Unit	Quantity
Temporary Soil Retention System	Sq Ft	416

**BRANCO & ZROKA**  
ENGINEERING, P.C.



*Deborah A. Zroka*  
DEBORAH A. ZROKA, S.E.  
NO. 081-005152  
EXP. DATE: 11/30/2010

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TEMPORARY SOIL RETENTION SYSTEM  
ILLINOIS ROUTE 53 OVER  
SPRING BROOK CREEK  
FAU 2578 SECTION 532B  
STRUCTURE NO. 022-0189  
DUPAGE COUNTY  
STA. 166+46.79

SCALE: NONE  
DATE 6/12/09  
DRAWN BY SAW  
CHECKED BY LAS