



WALL SECTION AT PUMP STATION

SUGGESTED SEQUENCE OF CONSTRUCTION

- Portions of Retaining Wall 022-W045 will be used as the east wall of the Braced Excavation for Pump Station 47. See Sheet SA-02 for Braced Excavation Limits.
- Drill and set soldier piles in Panels G, H and J, as required.
- Install Braced Excavation for the Pump Station.
- Excavate for the pump station foundation.
- Install the timber lagging for the Braced Excavation as shown in the Wall Section Detail on this sheet.
- Complete the excavation for the Pump Station Foundation.
- Construct pump station foundation.
- Backfill pump station foundation per the Specifications.
- When the backfill reaches the Bottom of Wall Elevation, install the timber lagging for Retaining Wall 022-W045.
- Backfill remainder of the pump station foundation.
- Construct the wall.

KNIGHT
Engineers & Architects

DESIGNED - TB	REVISIONS
CHECKED - WPM	REVISIONS
DRAWN - TB	REVISIONS
CHECKED - WPM	REVISIONS
SCALE - NONE	
DATE - 3/22/2012	

DESIGNED - TB	REVISIONS
CHECKED - WPM	REVISIONS
DRAWN - TB	REVISIONS
CHECKED - WPM	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WALL DETAILS FOR PUMP STATION EXCAVATION
STRUCTURE NUMBER 022-W045**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	2011-035-I	DUPAGE	181	53
CONTRACT NO. 60P41				

SHEET NO. RWA-03 OF 13 SHEETS

ILLINOIS FED. AID PROJECT