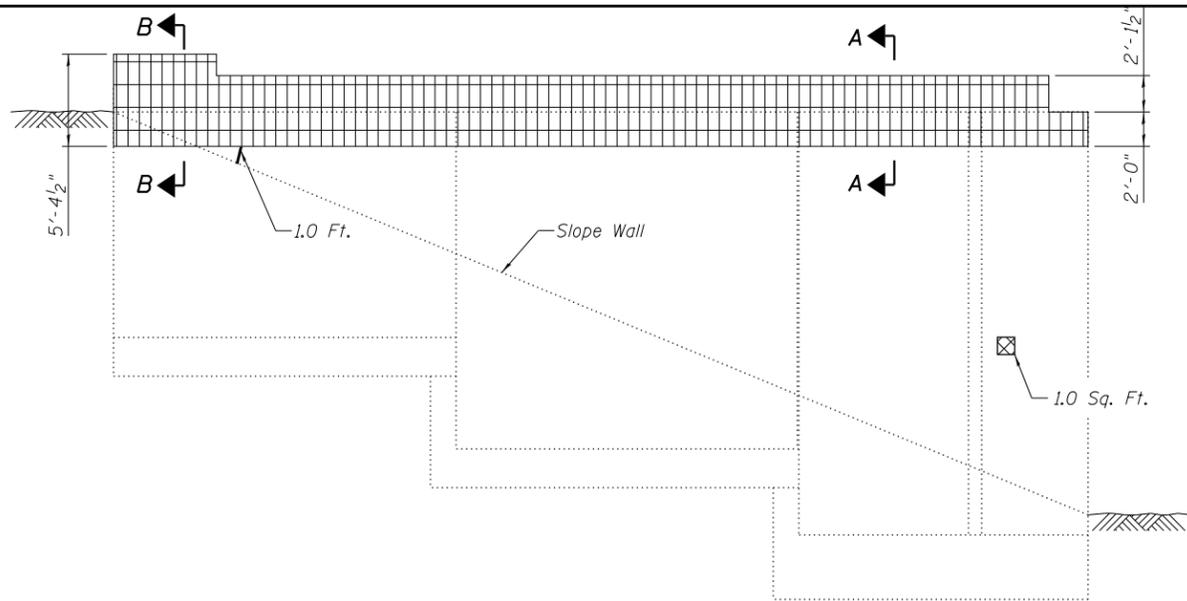


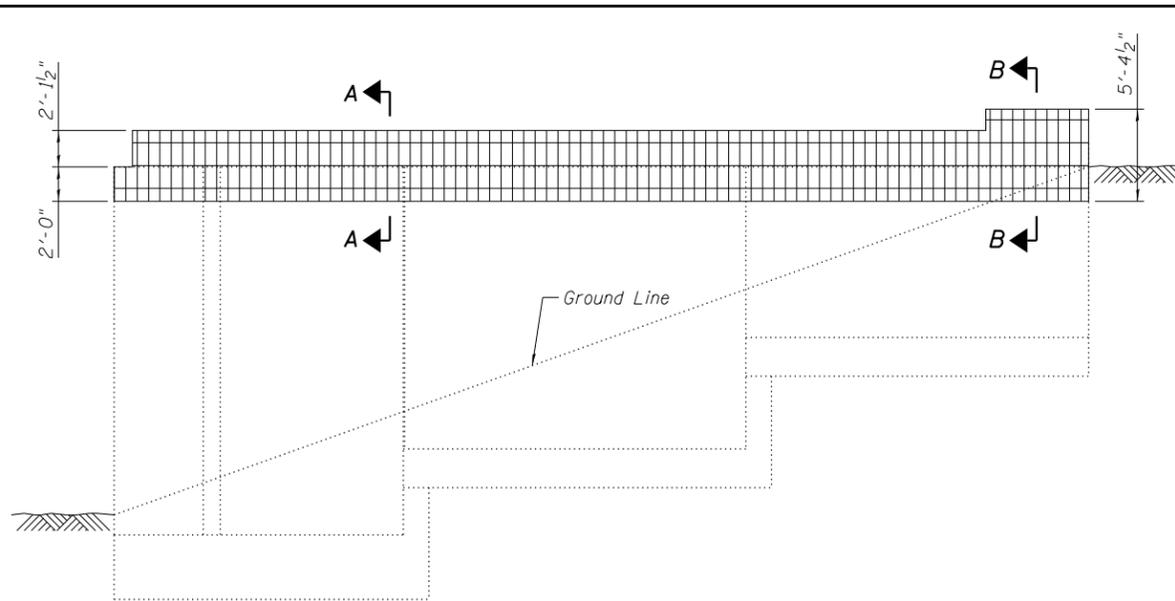
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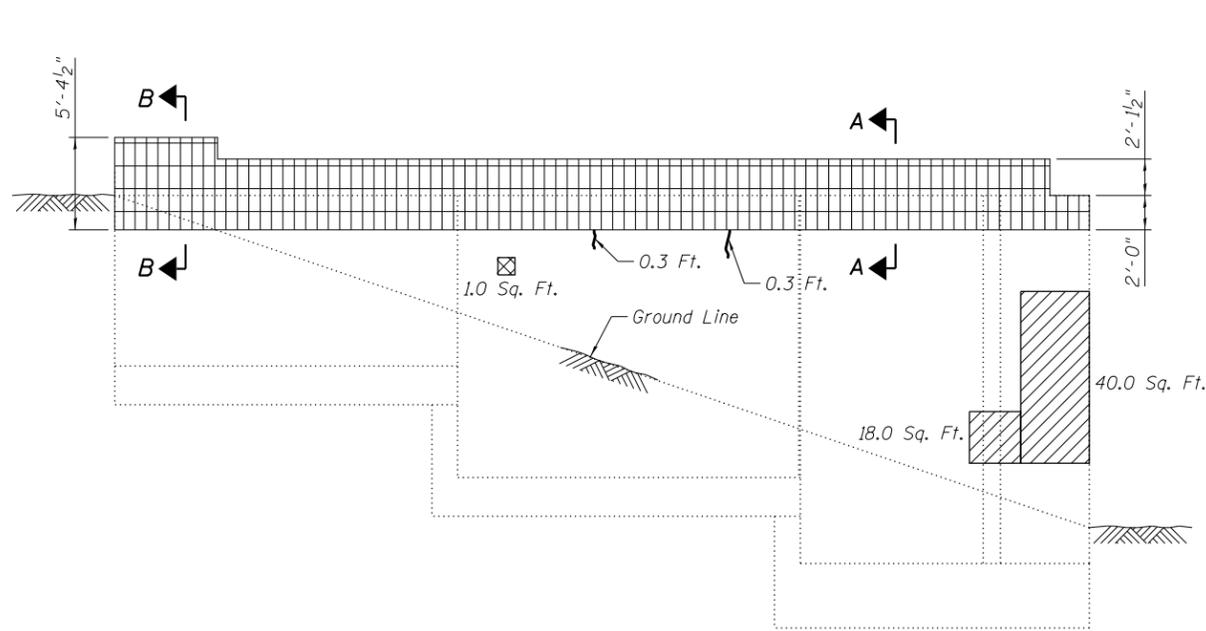


SOUTHEAST ELEVATION
(Looking West)

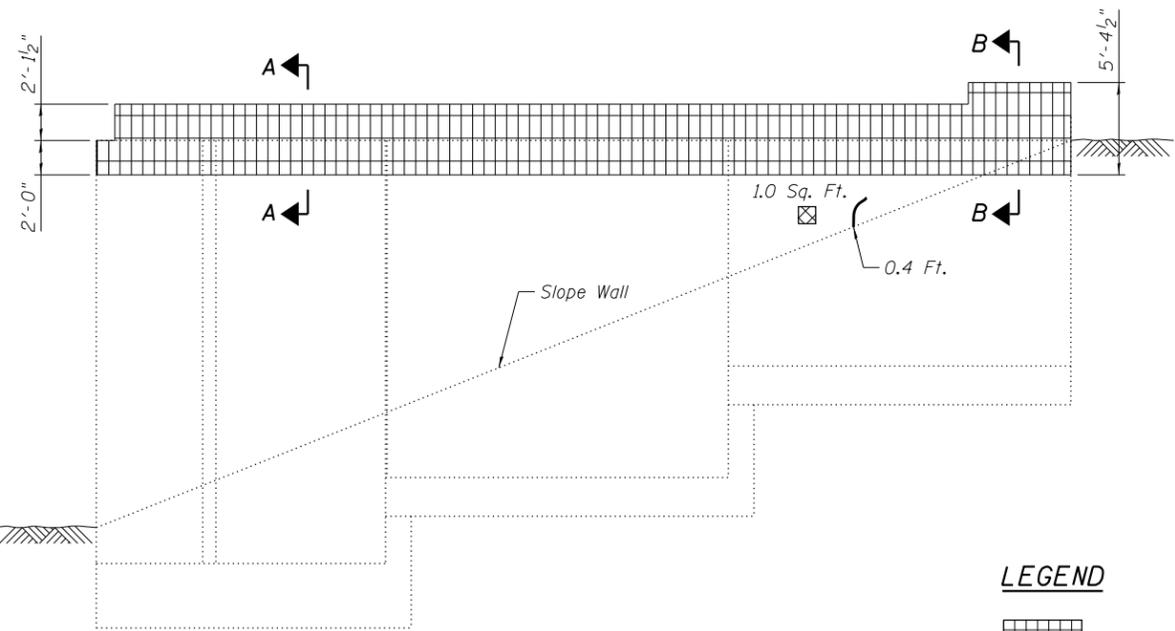


SOUTHWEST ELEVATION
(Looking East)

SOUTH ABUTMENT WINGWALLS



NORTHWEST ELEVATION
(Looking East)



NORTHEAST ELEVATION
(Looking West)

NORTH ABUTMENT WINGWALLS

LEGEND

-  Concrete Removal
-  Structural Repair of Concrete (Depth equal to or less than 5 inches)
-  Structural Repair of Concrete (Depth greater than 5 inches)
-  Epoxy Crack Injection

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.	58
Structural Repair of Concrete (Depth greater than 5 inches)	Sq. Ft.	3
Epoxy Crack Injection	Foot	3
Concrete Removal	Cu. Yd.	35

Notes:
For Sections A-A and B-B, see Sheet S-12.
Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system at no additional cost.

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com



USER NAME =	DESIGNED - IYL	REVISOR -
	CHECKED - BAK	REVISIONS -
PLOT SCALE =	DRAWN - MTR	REVISIONS -
PLOT DATE = 03/29/2013	CHECKED - IYL	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WINGWALL REMOVAL & REPAIR - SN 016-2442
STRUCTURE NOS. 016-2441 & 016-2442

SHEET NO. S-14 OF S-31 SHEETS

F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 570
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				