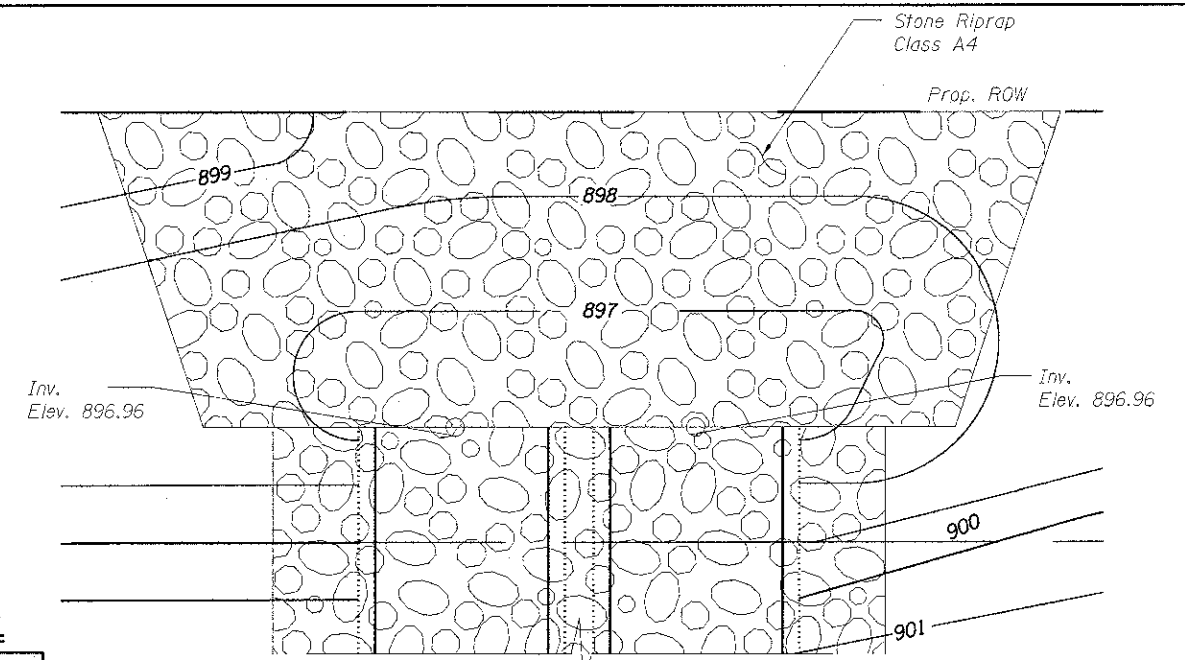


**TEMPORARY SOIL RETENTION SYSTEM FOR PIPE CULVERT**

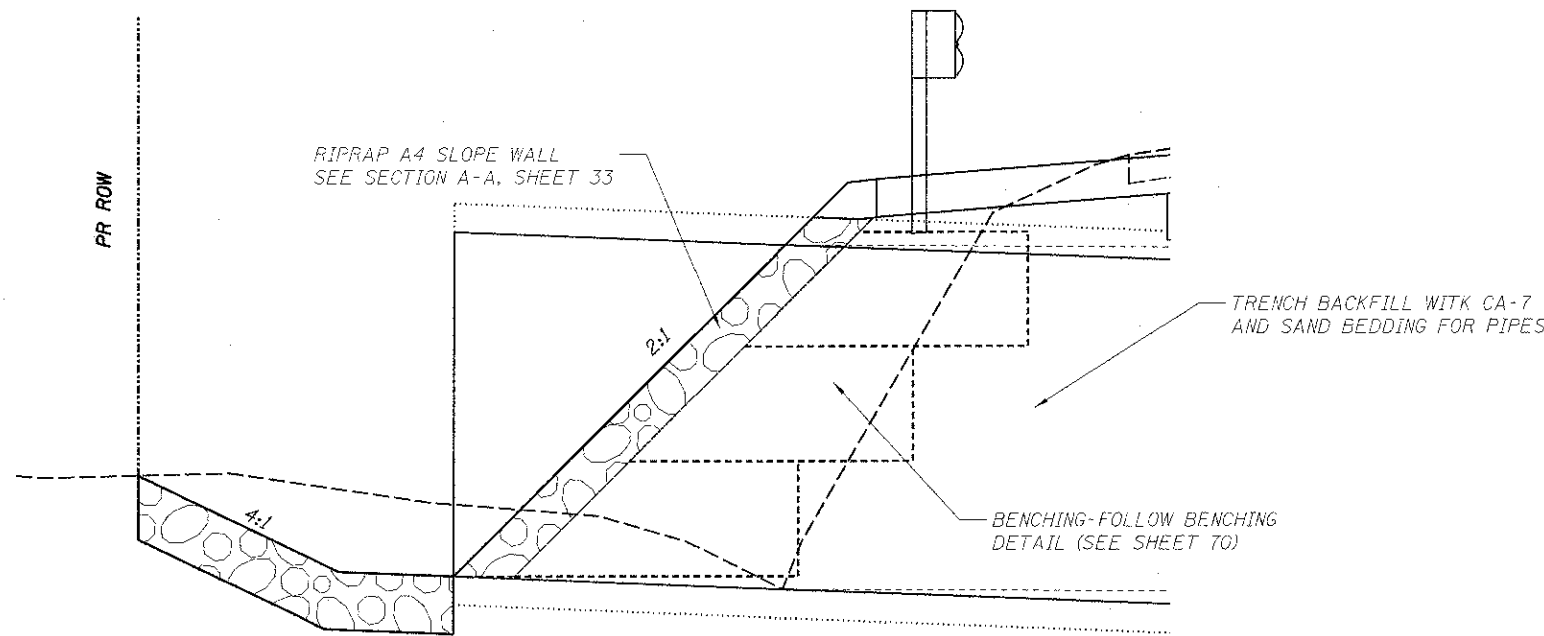
**TOTAL BILL OF MATERIAL**

Temporary Soil Retention System	Sq. Ft.	742
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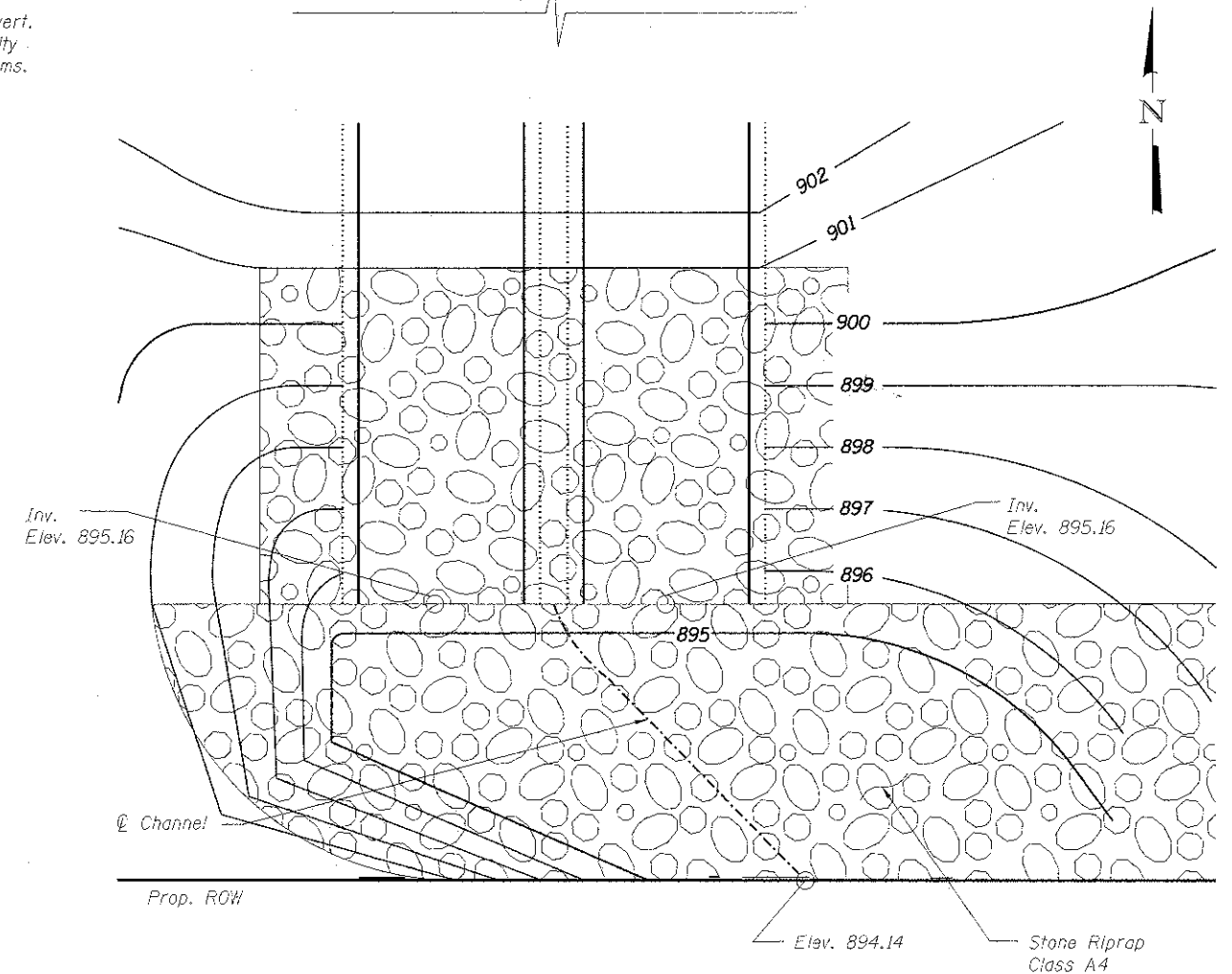
Notes:  
See Roadway Plans for location of culvert.  
Temporary Soil Retention System quantity includes both Stage I and Stage II systems.



**PLAN AT U/S OF PIPE CULVERT**



**SLOPEWALL AND BACKFILL DETAIL FOR PIPE CULVERTS**



**PLAN AT D/S OF PIPE CULVERT**

FILE NAME: M:\755-012 Lawrence Road ILLCAD D SHEETS\755-012-01-01-01.dwg

**Bollinger, Lach & Associates, Inc.**  
ITASCA, ILLINOIS

USER NAME = gollwanger	DESIGNED - GJE	REVISED -
PLOT SCALE = 3/8" = 1' / 1/4"	DRAWN - GJE	REVISED -
PLOT DATE = 8/16/2012	CHECKED - CF	REVISED -
	DATE - 08/17/12	REVISED -

**MCHENRY COUNTY DIVISION OF TRANSPORTATION**

**LAWRENCE ROAD BRIDGE OVER PISCASAW CREEK  
PIPE CULVERT DETAILS**

SHEET NO. 66 OF 87 SHEETS STA. TO STA.

F.A.S. RTE. 0028	SECTION 08-00355-01-BR	COUNTY MCHENRY	TOTAL SHEETS 87	SHEET NO. 66
CONTRACT NO. 63694			ILLINOIS, FED. AID PROJECT	