



May 17, 2002

MEMORANDUM TO TEAM LEADERS AND CONSULTANTS

SUBJECT: Perforated Pipe Underdrain

On all future projects, the 6" perforated pipe underdrain at the beginning and end of the bridge shall be replaced with a 4" perforated pipe underdrain. The bid item shall be as shown in the table below. If additional drainage is needed, additional 4" pipes shall be added and the need for additional pipes shall be justified.

ITEM NO.	BID ITEM	UNIT	QUANTITY
8021204	4" PERFORATED PIPE UNDERDRAIN	LF	

Randy R. Cannon, P. E.
Bridge Design Engineer

cc: Assistant Bridge Design Engineers
Bridge Construction Engineer

File: PC/JLC

