



CASE IV  
 ( PIPE OVER 15" REQUIRES SPECIAL DESIGN )  
**CONCRETE ENCASEMENT**  
 (LOAD FACTOR = 4.5)

**NOTES:**

1. SEWER PIPELINE DEEPER THAN 42" BELOW FLOW LINE DOES NOT REQUIRE CONCRETE BLANKET.
2. SPECIAL DESIGN REQUIRED IF PIPELINE IS LESS THAN 18" BELOW THE FLOW LINE.

AUGUST 2005

CITY OF CHIND HILLS			
Revised:	/	/	by:
Revised:	/	/	by:
Revised:	/	/	by:
			CITY ENGINEER

**CONCRETE BLANKET FOR  
SEWER PIPELINE CROSSING  
UNDER WATER COURSE**

**S-14**