LAKE COUNTY LAK-2-14.38	49 138

		,			601	602	6()3	660	
COST PART, CODE		TION	SIDE	,	ROCK CHANNEL PROT., TYPE C WITH FILTER	CONCRETE MASONRY AS PER PLAD	48" CONDUIT, TYPE A	15" CONDUIT, TYPE C 706.01 07 706.02	SODDING	
ည	T0	FROM			CU. YD.	CU. YD.	LIN. FT.	LIN. FT.	SQ. YD.	
I	730+75	_	LT			0.35		12		
I	731+00		LT		9	1.65	16			
I	728 + 50	731+00	LT		·				122	
						,				
				e***						
T(OTALS:				9	2.00	16	12	122	

SEE CROSS-SECTION SHEETS 59 FOR SEWER PROFILES

THE COST OF REMOVING PORTIONS OF HEADWALLS TO CRADLE PROPOSED CONDUITS, DRILLING AND SETTING DOWELS, AND CONSTRUCTING CONCRETE COLLARS (USING CLASS "C" CONCRETE) IS TO BE INCLUDED IN ITEM GOZ CONCRETE MASONRY, AS PER PLAN. THE DOWEL HOLES SHALL BE AS PER CMS 510 AND THE DOWEL BARS SHALL MEET CM3 451.02.

EDGE DISTANCE	PIPE SIZE
6" MIN.	30" CONDUI
<u>†</u>	36" "
8" MIN.	42'' " 48'' "
1	54" *
†	60" "

VARIABLE I' MIN (SEE TABLE) CONCRETE COLLAR - (AS PER PLAN)-USE SAME GRADE AS CONDUIT-PLAN SHEET) REMOVE (WHERE NECESSARY) NOTE: WHERE THE HEADWALL IS PERPENDICULAR ITS ENTIRE HEIGHT, EXTEND CONCRETE COLLAR UNDER CONDUIT THE SAME DIMENSION AS OTHER

~2 ADDITIONAL DOWELSTO BE USED WITH 48" TO 78" CONDUIT ~ VARIABLE (SEE TABLE) DOWEL BARS SEE NOTE WITH SIDE VIEW CRADLE TO BE CHIPPED OUT COVERING THIS PORTION WHERE NECESSARY SO PROPOSED CONDUIT WILL BE ON LINE AND FLUSH WITH HEADWALL OF CONCRETE COLLAR-

END VIEW

AS AN ALTERNATE TO THE DOWELLED CONCRETE COLLAR DETAIL FOR CULVERTS 24" IN DIAMETER OR LESS, THE HEADWALL AND THE LAST SECTION OF THE CONDUIT MAY BE REMOVED AND REPLACED WITH AN ADDITIONAL SECTION OF NEW CONDUIT AT NO ADDITIONAL COST TO THE STATE. IF THE ALTERNATE METHOD IS USED, THE COST OF REMOVING THE WALL AND CONDUIT AND REPLACING THE LENGTH OF CONDUIT REMOVED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PROPOSED CONDUIT EXTENSION, MEASURED FROM THE FACE OF THE WALL.

EMBANKMENT -HEADWALL THREE SIDES.-

SIDE VIEW

CONCRETE COLLAR DETAIL

TO MEET WITH THE PROPOSED HEADWALL. PROPOSED HW-4B HEADWALL DIKE		90° TAN.	STA. 731+00 & SR. 2 STA. 30+00 & CULVERT	
144 PROPOSED HW-4B HEADWALL 5:1 5:1	PROPOSED CONCRETE COLLAR	© S.R. 2		
37' 4:1 5:1 5:1	¥.	730		
		729		