

BAR LIST

MARK	SIZE	NO	TYPE	LENGTH	WEIGHT
S401	4	A			
S402	4	str			
S601	6	str			
B501	5	str			
B601	6	str			
					Total lbs.

BAR TYPES N.T.S.
(Bar dimensions are out to out)



OTHER MATERIALS (ONE END ONLY)

1. lin. ft. 6 x 6 #16 wire mesh x 2' 8" wide sq. ft.
2. lin. ft. 8' wide 1/2" thick asphaltic fibre board sq. ft.
3. 3/4" anchor bolts (galvanized machine bolts) x 1-3" long, 2 nuts req'd per bolt.

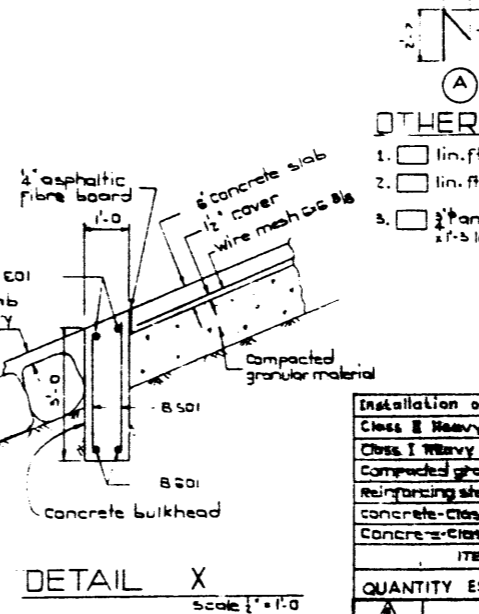
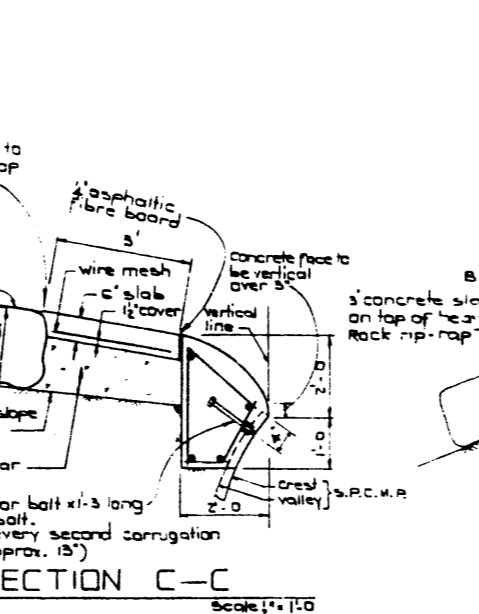
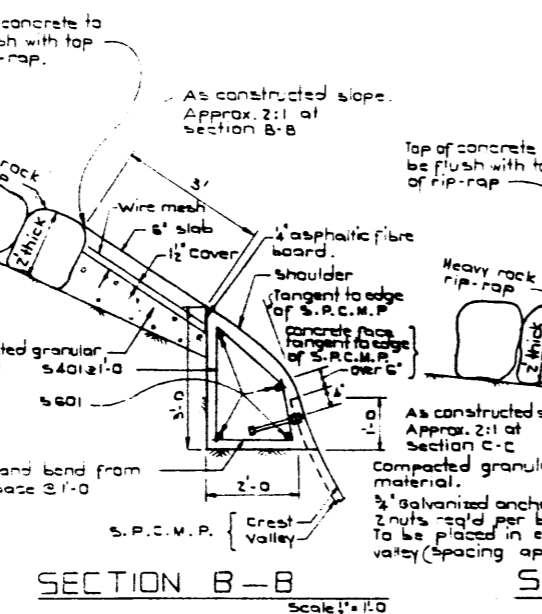
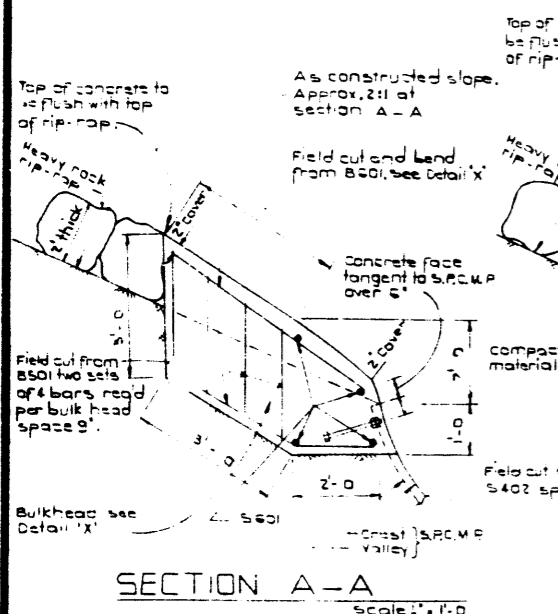
GENERAL NOTES:

- All reinforcing bars to have 2" clear cover.
- All surfaces of rock rip-rap that will come into contact with concrete must be cleaned to ensure bond.
- The dimensions of the shoulder and slab shown on section B-B and C-C, are typical for any section in between. The curvature of the shoulder and slope of the slab at all sections in between these two sections shall be such that a smooth transition is obtained.
- The concrete used for the shoulder and sloped slabs shall conform to the requirements of class 'A' concrete.
- The concrete used to fill voids in between rip-rap and for level slabs shall conform to the requirements of class B concrete.

Field drill 1/2" holes in S.P.C.M.P. to receive anchor bolts. (Do not burn)

1. Class I heavy rock rip-rap to be placed 1'-0" thick.
2. Class II heavy rock rip-rap to be placed 2'-0" thick.
3. Due to possible changes in bench marks, errors, etc. the proposed elevations must be field checked to ensure that the upstream invert is at or at some reasonable value below the lowest drainable elevation.

Please return this Drawing with the authorization when the structure is completed, showing actual 'as installed' invert elevations and the 'as constructed' dimensions.



Installation of S.P.C.M.P.

ITEM	UNIT	ESTIMATE	AS CONST.
Class II Heavy Rock	Cu. yds.		
Class I Heavy Rock	Cu. yds.		
Compacted granular material	Cu. yds.		
Reinforcing structural rebar (min)	Lbs.		
Concrete - Class B	Cu. yds.		
Concrete - Class A (or better)	Cu. yds.		

QUANTITY ESTIMATE

NO.	DATE	DESCRIPTION	BY

GENERAL LAYOUT AND END TREATMENT

GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF HIGHWAYS
BRIDGE BRANCH, EDMONTON

FILE NO. _____ HWY. NO. _____ DWS. NO. _____
LOCATION _____ SCALE _____ SHEET _____ OF _____
STREAM _____

DETAILED BY: V.B. & L.K. DATE: NOV. 19 56
 CHECKED BY: DATE: