

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**TOTAL BILL OF MATERIALS**

DESCRIPTION	UNIT	QTY.
Removal and Disposal of Unsuitable Material	Cu. Yd.	239.1
Stone Riprap, Class A4	Sq. Yd.	245.9
Filter Fabric	Sq. Yd.	245.9
Removal of Existing Structures No. 7	Each	1
Reinforcement Bars	Pound	32,790
Bar Splicers	Each	85
Temporary Sheet Piling *	Sq. Ft.	1321.8
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	143
Breaker-Run Crushed Stone	Ton	457

\* See Sheet Piling Design on Sheet 3 of 7.

**GENERAL NOTES**

For Stage I details see staging sheets.

Precast alternate not allowed.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

Reinforcement bars designated (E) shall be epoxy coated.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the engineer.

A distance of one half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

All exposed corners 90° or sharper shall be filleted with a 3/4" dressed and beveled strip.

The bars in the walls may be spliced as follows:

Bar Size Number	4	5	6	7	8
Minimum Splice Length	20"	26"	31"	43"	54"

All construction joints shall be bonded.

Reinforcement bars designated (E) shall be epoxy coated.

Bars indicated thus 4 X 2-#4 indicates 4 lines of bars with 2 lengths per line.

The contract unit price per Cu. Yd. for Concrete Box Culverts shall include the expansion bolts, J bolts, anchor bolts, bolts, nuts, washers, steel plates, earth excavation and backfilling as required.

**GENERAL NOTES & TOTAL BILL OF MATERIALS**

**IL. ROUTE 2 OVER  
TRIBUTARY TO ROCK RIVER  
STA. 678+70.00**

DESIGNED	CTH
CHECKED	DSG
DRAWN	EBS
CHECKED	DFM

 Howard R. Green Company

SHEET NO. 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37 R-3	OGLE	345	190
7 SHEETS	SN 071-1127		CONTRACT NO. 84788		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					