

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	70HB-R-1	COOK	283	214
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62897				

TOTAL BILL OF MATERIAL

DESCRIPTION	UNIT	SUBSTRUCTURE	SUPERSTRUCTURE	TOTAL QUANTITIES
Structure Excavation	CU M	50.1		50.1
Concrete Structures	CU M	97.1		97.1
Protective Coat	SQ M	400.0		400.0
Stud Shear Connectors	EACH	352		352
Untreated Timber Lagging	SO M	219.2		219.2
Furnishing Soldier Piles (W Section)	METER	383		383
Reinforcement Bars, Epoxy Coated	KG	6,340		6,340
Drilling and Setting Soldier Piles (In Soil)	CU M	249.6		249.6
Geocomposite Wall Drain	SQ M	154		154
Pipe Underdrains for Structures, 100MM	METER	109		109
Chain Link Fence-1.8m Attached to Structure	METER	107		107

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of AASHTO M31M or, M322M Grade 400.
2. The contractor is responsible for the design and performance of the lagging using no less than a 75mm nominal rough sawn thickness and timber with a minimum allowable bending stress, Fb of 6.89 MPa.
3. All dimensions are in millimeters (mm) except as noted.
4. All exposed corners shall have a 25mm chamfer unless noted.
5. All construction joints shall be bonded.

INDEX OF SHEETS

- S-01 General Plan
- S-02 General Notes, B.O.M., & Index of Sheets
- S-03 Soldier Pile Wall Plan & Elevation
- S-04 Soldier Pile Wall Plan & Elevation
- S-05 Soldier Pile Wall Details
- S-06 Chain Link Fence Details
- S-07 Boring Logs
- S-08 Boring Logs

SHT. S-02 OF S-08

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL ROUTE 68 F.A.P. ROUTE 343
 SECTION 70HB-R-1 COOK COUNTY
 DRILLED SOLDIER PILE WALL
 STATION 0+072.591 TO 0+179.500
 STRUCTURE NO. 016-W979

GENERAL NOTES, B.O.M., & INDEX OF SHEETS

DESIGNED: BTO DRAWN: BTO
 DATE: 10/06 CHECKED: JAN CHECKED: JAN

