

BILL OF MATERIALS (EAST ABUT)

EM	UNIT	QUANTITY
RUCTURAL REPAIR OF CONCRETE ≤ 5″	SQ.FT	670.0
RUCTURAL REPAIR OF CONCRETE > 5"	SQ. FT	75.0
ONE DUMPED RIPRAP, CLASS A4	SQ. YD	20
RTH EXCAVATION	CU YD	28
RIMETER EROSION BARRIER	FOOT	65
LTER FABRIC	SQ. YD	60
PE UNDERDRAINS FOR STRUCTURES, 4"	FOOT	90

TABLE OF REACTIONS

	REACTIONS (Kips)			
	E. ABUT.	W. ABUT.	PIER	
DL	54	61	213	
SDL LL	40	50	83	
IMP.	8	10	16	
TOTAL	102	121	312	

NOTES:

COMPLETELY DEWATER ABUTMENT VAULTS PRIOR TO PIPE UNDERDRAIN CONSTRUCTION. WATER SHALL BE PUMPED TO LOW POINT. COST INCLUDED WITH "PIPE UNDERDRAINS FOR STRUCTURES 4"."

LEGEND:

STRUCTURAL REPAIR OF CONCRETE ≤5"

STRUCTURAL REPAIR OF CONCRETE > 5"

RIPRAP

*	FAI	290	&	FAP	34
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LAKE-COOK RD (SN 016-3215)		F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	IRS	(,	*	2012-026 BR	COOK & DuPAGE	29	7
ICPA	lina		CONTRACT NO. 60T70			70	
IS S	STA.	TO STA.		ILLINOIS FED. AID PROJECT			