

Area = 0.47 Sq. Mi.											
v Grade Elev. 545.0 @ Sta. 68+36 Prop. Low Grade Elev. 545.0 @ Sta. 66+75											
	Freq.	Q	Opening Sq. Ft.		Nat.	Head - Foot		Headwater Elev. (ft)			
	Year	cfs	Existing	Proposed	H.W.E.	Existing	Proposed	Existing	Proposed		
	10	88	13	43	542.7	0.8	0.0	543.5	542.7		
	50	172	14	51	543.2	3.3	0.0	546.5	543.2		
	100	225	14	54	543.4	3.2	0.0	546.6	543.4		
g	>500							545.0	545.0		
	500	383	14	62	543,9	2,8	0.0	546,7	543,9		

ITEM	UNIT	TOTAL
Pipe Culvert Removal	Foot	98
Reinforcement Bars (Epoxy Coated)	Pound	820
Temporary Soil Retention System	Sq. Ft.	297
Name Plates	Each	1
Concrete Box Culverts	Cu. Yd.	13.9
Precast Concrete Box Culvert 8'x4'	Foot	188
Stone Riprap Class A4	Sq. Yd.	62
Filter Fabric	Sq. Yd.	62
Porous Granular Embankment	Cu. Yd.	292
Removal and Disposal of Unsuitable Material	Cu. Yd.	319
Rock Fill	Cu. Yd.	319

# GENERAL PLAN MINOOKA ROAD (CH 16) OVER TRIBUTARY OF AUX SABLE CREEK F.A.I. 80 - SECTION (32,47-4)HBR-2 GRUNDY COUNTY STA. 66+62.55

T DETAILS D ELEVATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			80	(32,47-4)HBR-2	GRUNDY	143	58
			CONTRACT NO. 66873				
	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		