

CALC.  
BY J.P.R.  
DATE 2/90  
CHKD.  
BY J.E.A.  
DATE 2/90

LAK - 306 - 6.82

OHIO  
FHWA 5  
REGION

69  
92

ESTIMATED QUANTITIES									
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	GENERAL	ABUT.	PIER	SUPER.	AS PER PLAN REFERENCE SHEET NO.
202	11202	LUMP		Portions of Structure Removed, Over 20' Span	Lump				
202	38601	848	Lin.Ft.	Bridge Railing Removed for Storage, As Per Plan				848	3/29
503	11100	LUMP		Cofferdams, Cribbs and Sheeting	Lump				
503	21300	LUMP		Unclassified Excavation	Lump				
505	11100	LUMP		Pile Driving Equipment Mobilization	Lump				
507	22200	1,368	Lin.Ft.	12" Cast-In-Place Reinforced Concrete Piles		810	558		
509	15800	273,448	Pound	Epoxy Coated Reinforcing Steel, Grade 60	200	14,929	6,539	251,780	
510	11100	103	Each	Dowel Hole		67	36		
511	41000	32	Cu.Yd.	Class C Concrete, Pier Above Footings			32		
511	45700	134	Cu.Yd.	Class C Concrete, Abutment		134			
511	46500	68	Cu.Yd.	Class C Concrete, Footing		36	32		
512	33300	38	Sq.Yd.	Type A Waterproofing		38			
512	44400	14	Sq.Yd.	Type B Waterproofing		14			
Special	51267502	2220	Sq.Yd.	Sealing of Concrete Surfaces(Epoxy) (See Proposal Note)		351	575	1,294	
513	12401	174,101	Pound	Structural Steel, A572-50 AISC Category III, As Per Plan (See Proposal Note)	3,720 *			170,381	
513	20000	7,515	Each	Welded Stud Shear Connector				7,515	
Special	51400100	Lump		Surface Preparation of Existing Steel, System OZEU (See Proposal Note)				Lump	
Special	51400200	Lump		Field Painting of Existing Steel, Prime Coat, System OZEU (See Proposal Note)				Lump	
Special	51400300	Lump		Field Painting of Existing Steel, Intermediate Coat, System OZEU (See Proposal Note)				Lump	
Special	51400400	Lump		Field Painting of Existing Steel, Finish Coat, System OZEU (See Proposal Note)				Lump	
Special	51400500	1,450	Lin.Ft.	Caulking				1,450	
Special	51400610	174,101	Pound	Painting of New Steel, System IZEU	3720*			170,381	
516	11210	218	Lin.Ft.	Structural Expansion Joint Including Elastomeric Strip Seal				218	
516	46000	1	Each	Bearing Device, Bolster			1		
516	46200	4	Each	Bearing Device, Rocker		2	2		
516	46701	16	Each	Reset Bearing, As Per Plan		16			
517	74500	852.4	Lin.Ft.	Railing, Concrete		76.4		776	
518	21200	94	Cu.Yd.	Porous Backfill With Filter Fabric		94			11/29, 14/29
519	11100	295	Sq.Ft.	Patching Concrete Structure		164	131		
601	21001	1,537	Sq.Yd.	Concrete Slope Protection, As Per Plan (See Sheet 68)	1,537				11/29, 14/29
607	20001	848	Lin.Ft.	Fence, Type CL, As Per Plan (See Sheet 90)		72.5		775.5	27/29
Special	85050000	1,019	Cu.Yd.	Superplasticized Concrete, Superstructure (See Proposal Note)				1028	4/29
Special	85050060	Lump		Superplasticized Concrete, Trial Mix					

\* 3720 Lbs Has Been Provided For O.B.T. Duct Supports To Be Paid 100% By O.B.T.

Item 622 - Temporary Concrete Barrier, Bridge Mounted, As Per Plan, Is Carried In The Roadway Plans.

**CT Consultants, Inc.**  
Engineers • Architects • Planners  
Middletown • Mentor • Columbus • North Canton • Youngstown 6/29

ESTIMATED QUANTITIES  
BRIDGE No. LAK-306-0691  
OVER STATE ROUTE 2  
LAKE COUNTY

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
J.P.R.	R.L.B.	R.L.B.	J.E.A.	BJA	8/21/90	