

CLIENT:	City of Piqua Power System		TRANSMISSION W.O.:	TRANSMISSION LINE STRUCTURE STAKING SHEET	TRANSMISSION CONDUCTOR:	477 (19strand) AAC									
PROJECT:	Water Plant Line Pole Replacement		TRANSMISSION CODE:	STRUCTURE SHEET: _____ 1 OF 2 _____	DISTRIBUTION CONDUCTOR:	2/0 (6/1) ACSR									
JOB NUMBER:	_____		UNDERBUILD W.O.:	PLAN & PROFILE SHEET: _____ OF _____	NEUTRAL CONDUCTOR:	2/0 (6/1) ACSR									
PREPARED BY:	M. H. Mezera		UNDERBUILD CODE:	DATE: 9/25/2014	SHIELD WIRE:	3/8" x7 Strand EHS									
CHECKED BY:	_____		TRANSMISSION ASSEMBLY:	GROUND ASSEMBLY:	GUY ASSEMBLY:	ANCHOR ASSEMBLY:									
STATION NUMBER	BACK SPAN	HORIZONTAL ANGLE	POLE HEIGHT & CLASS	UNDERBUILD ASSEMBLY	TRANSMISSION ASSEMBLY	GROUND ASSEMBLY	GUY ASSEMBLY	ANCHOR ASSEMBLY	MISCELLANEOUS ASSEMBLY	CONSTRUCTION NOTES & REMARKS					
T182					(TL-5)					Existing Pole - No Change					
T183	312		85/H2		TL-5					Transfer - M-3PA					
T184	284		85/H2		TL-5					Transfer - M-3PA					
T185	259	1 LT	(85/I)		(TL-5)					Transfer - S1.0I					
T186	266		85/H2		TL-5					Transfer - M-3PA					
T187	271		(90/I)		(TL-5)			TA-2H 30E TA-2H 30SW		Existing Pole - Reframe 1ph Taps					
T188	273	2 LT	(70/I)		(TL-5)			EL-2 (for underbuild)		Existing Pole - Reframe Underbuild					
T189	296		70/H1		TL-5					Transfer comm to new pole.					
QTY	POLES	QTY	TRANSMISSION ASSEMBLIES	QTY	UNDERBUILD ASSEMBLIES	QTY	GROUND ASSEMBLIES	QTY	GUY ASSEMBLIES	QTY	ANCHOR ASSEMBLIES	QTY	MISCELLANEOUS ASSEMBLIES	QTY	CONDUCTORS & SHIELD WIRE
1	70/H1	4	TL-5	1	A4.1	4	TM-9S	1	EL-2	1	F1-4S	5	M-3PA (T)	1,858	2/0 ACSR (two conductors)
3	85/H2			2	A5.3	2		2	E6-2	2	TA-2H	1	S1.0I	250	3/8" x7 Strand EHS
				7	C9-2PL										

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City of Piqua Power System Water Plant Line Pole Replacement				TRANSMISSION CODE:				STRUCTURE SHEET: 2 OF 2						DISTRIBUTION CONDUCTOR:					
JOB NUMBER:				UNDERBUILD W.O.:				PLAN & PROFILE SHEET:						NEUTRAL CONDUCTOR:					
PREPARED BY: M. H. Mezera				UNDERBUILD CODE:				DATE: 9/5/2014						SHIELD WIRE:					
CHECKED BY:				TRANSMISSION ASSEMBLY:				GROUND ASSEMBLY:		GUY ASSEMBLY:		ANCHOR ASSEMBLY:		MISCELLANEOUS ASSEMBLY:		CONSTRUCTION NOTES & REMARKS:			
STRUCTURE NUMBER	STATION NUMBER	BACK SPAN	HORIZONTAL ANGLE	POLE HEIGHT & CLASS	TRANSMISSION ASSEMBLY	UNDERBUILD ASSEMBLY	GROUND ASSEMBLY	GUY ASSEMBLY	ANCHOR ASSEMBLY	MISCELLANEOUS ASSEMBLY	CONDUCTORS & SHIELD WIRE	QTY	QTY	QTY	QTY	QTY	QTY		
T190		302		75/H2	TL-5	C9-2PL	TM-9S						10					Transfer comm to new pole.	
T191		299		75/H2	TL-5	C7A UC2-1 A5.3	TM-9S	E1-2	F1-4S									3ph deadend & riser. 1ph tap off arm. Transfer comm to new pole.	
T192		299		75/H1	TL-5	A9-1P	TM-9S											Transfer comm to new pole.	
T193		301		75/H1	TL-5	A9-1P	TM-9S											Transfer comm to new pole.	
T194		301		75/H1	TL-5	A7A A5.3	TM-9S	E1-2	F1-4S									Stack span for 1ph tap. Transfer comm to new pole.	
T195		265			(TL-7A)													Existing Pole - No Change	
QTY	POLES	QTY	TRANSMISSION ASSEMBLIES	QTY	UNDERBUILD ASSEMBLIES	QTY	GROUND ASSEMBLIES	QTY	GUY ASSEMBLIES	QTY	ANCHOR ASSEMBLIES	QTY	MISCELLANEOUS ASSEMBLIES	QTY	CONDUCTORS & SHIELD WIRE				
3	75/H1	5	TL-5	2	A5.3	5	TM-9S	2	E1-2	2	F1-4S	10	M-3PA (T)	1,502	2/0 ACSR (two conductors)				
2	75/H2			1	A7A									100	3/8" x7 Strain EHS				
				2	A9-1P														
				1	C7A														
				1	C9-2PL														
				1	UC2-1														

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