

LAKE COUNTY
LAK-283/640-0.23/0.00

SIGNAL SUPPORT DATA AND ORIENTATION ANGLES

INTERSECTION	ITEM	POLE TYPE	SPAN WIRE MOUNTING HEIGHT		ANCHOR BASE AND BOLTS ANGLE	CONDUIT IN ELLS FOUNDATION OR UNDERGROUND FEED		SIGNAL WEATHERHEAD BLIND HALF COUPLING		PED SIGNAL BRACKET ARM		PED. BUTTONS		POWER WEATHERHEAD 2" BLIND HALF COUPLING		CONTROLLER HINGE LOCATION
			∠	HEIGHT		∠	SIZE	∠	HEIGHT	∠	HEIGHT	∠	HEIGHT	∠	HEIGHT	
S.R. 283 AT E. 288 & GILCHRIST-FOXBORO	P1	STEEL ANCHOR BASE	86°	24.2'		255°	2"	270°	23.4'	180°	8'	270°	3.75'	270°	23.4'	NORTH WEST CORNER
	P2	STEEL ANCHOR BASE	180°	24.8'		145°	2"	180°	23.4'	180°	8'	90°	3.75'			
	P3	STEEL ANCHOR BASE	3°	24.8'				0°	23'	0°	8'	90°	3.75'			
	P4	STEEL ANCHOR BASE	359°	24.35'		325°	2"	319°	23'			270°	3.75'			
CONTROLLER					130°	75°	2"									
S.R. 283 & E. 293	P1	STEEL ANCHOR BASE	80°	23.75'				270°	23'	0°	8'	270°	3.75'			SOUTH WEST CORNER
	P2	STEEL ANCHOR BASE	185°	24.5'		160°	2"	0°	23'	0°	8'	90°	3.75'			
	P3	STEEL ANCHOR BASE	5°	24.5'				90°	23.5'	90°	8'	90°	3.75'			
	P4	STEEL ANCHOR BASE	5°	24.3'		225°	2"	270°	23.5'	180°	8'	270°	3.75'	225°	23.5'	
CONTROLLER					45°	40°	2"	225°	23.5'	180°	8'	270°	3.75'			
S.R. 283 & E. 294 COOK DR.	P1	STEEL ANCHOR BASE	90°	23.75'				180°	23.5'	180°	8'	270°	3.75'			NORTH WEST CORNER
	P2	STEEL ANCHOR BASE	180°	24.5'		180°	2"	180°	23'	180°	8'	90°	3.75'			
	P3	STEEL ANCHOR BASE	2°	24.5'				90°	23.3'	90°	8'					
	P4	STEEL ANCHOR BASE	9°	24.0'		330°	2"	315°	23.3'	0°	8'		315°	23.3'		
CONTROLLER					45°	150°	2"									
S.R. 283 & JOTES DR.	P1	STEEL ANCHOR BASE	90°	23.95'		0°	2"	0°	23'	0°	8'	270°	3.75'	0°	23.0'	NORTH EAST CORNER
	P2	STEEL ANCHOR BASE	180°	24.6'		170°	2"	90°	23'	45°	8'	90°	3.75'			
	P3	STEEL ANCHOR BASE	270°	23.95'				90°	23'	90°	8'					
	P4	STEEL ANCHOR BASE	0°	24.6'				90°	23'							
CONTROLLER					90°	180°	2"									
S.R. 283 & BEST DR.	P1	STEEL ANCHOR BASE	99°	25.8'		180°	2"	180°	25'					180°	25'	NORTH EAST CORNER
	P2	STEEL ANCHOR BASE	180°	25.8'		174°	2"	180°	25'							
	P3	STEEL ANCHOR BASE	0°	25.8'				90°	23'	90°	8'					
	P4	STEEL ANCHOR BASE	0°	25.8'				90°	23'							
CONTROLLER					90°	0°	2"									
S.R. 283 & E. 305 th BAYRIDGE BLVD.	P1	STEEL ANCHOR BASE	140°	27.4'		80°	2"	180°	26.4'	180°	8'	270°	3.75'			NORTH EAST CORNER
	P2	STEEL ANCHOR BASE	208°	27.4'		120°	2-3"	120°	26.4'	270°	8'	0°	3.75'	120°	26.4'	
	P3	STEEL ANCHOR BASE	316°	22.4'		270°	2"	270°	26.4'	270°	8'	180°	3.75'			
	P4	EXISTING WOOD	50°	27.4'		0°	1"	270°	2" EX			0°	3.75'			
CONTROLLER					27°	182°	2"	270°	26.4'	180°	8'	270°	3.75'			
S.R. 283 & NORTH SHORE MALL	P1	STEEL ANCHOR BASE	85°	23.75'		0°	2"	88°	23'	90°	8'	270°	3.75'	88°	23.0'	NORTH EAST CORNER
	P2	STEEL ANCHOR BASE	180°	25.3'		180°	2"	0°	23'	180°	8'	90°	3.75'			
	P3	STEEL ANCHOR BASE	270°	23.75'				90°	23'	90°	8'					
	P4	STEEL ANCHOR BASE	0°	25.3'				90°	23'							
CONTROLLER																

SIGNAL SUPPORT DATA AND ORIENTATION ANGLES

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			∠	HEIGHT		∠	SIZE	∠	HEIGHT	∠	HEIGHT	∠	HEIGHT	∠	HEIGHT	
S.R. 283 & NORTH SHORE MALL	CONTROLLER				90°											NORTH EAST CORNER
S.R. 283 & VINE ST.	P1	STEEL ANCHOR BASE	13°	25.85'		180°	4"	180°	24'	90°	8'	270°	3.75'			EAST CORNER
	P2	STEEL ANCHOR BASE	101°	24.85'		180°	2"	90°	24'	90°	8'	270°	3.75'			
	P3	STEEL ANCHOR BASE	164°	21.05'		105°	4"	105°	20'	105°	8'	50°	3.75'			
	P4	EXISTING WOOD	61°	25.35'		330°	3"	0°	24.5'							
CONTROLLER					150°	107°	2"									
VINE ST. & E. 317 ST.	P1	STEEL ANCHOR BASE	53°	24.15'		0°	2"	0°	22.5'	135°	8'	231°	3.75'	0°	22.5'	NORTH WEST CORNER
	P2	EXISTING WOOD	191°	23.5'		180°	2"	323°	23.5'	323°	8'	53°	3.75'			
	P3	STEEL ANCHOR BASE	0°	25.1'		305°	2"	305°	23.3'	305°	8'	90°	3.75'			
	P4	EXISTING WOOD	12°	23.5'		230°	1"	90°	22.8'	90°	8'	270°	3.75'			
CONTROLLER					90°	0°	2"									
VINE ST. & ST. MARY'S	P1	EXISTING WOOD	126°	23.4'		180°	4"	0°	22.5'	0°	8'	270°	3.75'	180°	22.5'	NORTH WEST CORNER
	P2	EXISTING WOOD	246°	23.4'		180°	2"	180°	22.5'	180°	8'	90°	3.75'			
CONTROLLER					90°	0°	2"									
VINE ST. & WILLOWICK DR.	P1	STEEL ANCHOR BASE	99°	24.3'		65°	2"	270°	22'	270°	8'	0°	3.75'			SOUTH EAST CORNER
	P2	STEEL ANCHOR BASE	176°	22.95'		0°	4"	0°	26'	90°	8'	0°	3.75'	90°	26.0'	
	P3	STEEL ANCHOR BASE	187°	25.1'		186°	2"	0°	24'	333°	8'	130°	3.75'			
	P4	STEEL ANCHOR BASE	6°	23.1'		282°	2"	270°	23.5'	270°	8'	180°	3.75'			
CONTROLLER					90°	180°	4"									

NOTE:
THE BASELINE FOR ALL ANGLES IS PARALLEL TO THE STREET LISTED FIRST UNDER INTERSECTIONS. WITH 0° BEING TO THE EAST.
MEASURED IN A CLOCKWISE DIRECTION

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
ORIENTATION ANGLES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW DATE	REVISED
					J.PETT 8-15-85