

ORIENTATION CHART

LAKE COUNTY

INTERSECTION	ITEM	POLE TYPE - TC-8.10 DESIGN * UNLESS OTHERWISE NOTED	SPAN WIRE MOUNTING HEIGHT		ANCHOR BASE AND BOLTS ANGLE	CONDUIT ELLS IN FOUNDATION OR UNDER-GROUND FEED		SIGNAL WEATHERHEAD BLIND HALF COUPLING		PED SIGNAL BRACKET ARM		PED BUTTONS		POWER SERVICE 2" CONDUIT RISER & DISCONNECT SWITCH		CONTROLLER HINGE LOCATION	
			HEIGHT	HEIGHT		SIZE	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT				
U.S. 6 & WINCHESTER HILLS	P-1	#5 CUT @ 27'	101°	25.5'	0°	0°	2"	101°	23.5'	180°	8'	0°	3.75'				
	P-2	#5 CUT @ 27'	179°	25.5'	0°	100°	2"	179°	23.5'	180°	8'	0°	3.75'	155°	23.5'		
	P-3	EXISTING WOOD	0°	25.5'						0°	8'	90°	3.75'				
	P-4	#5 CUT @ 27'	0°	25.5'	0°	25°	2"	0°	23.5'	100°	8'	180°	3.75'				
	CONTROLLER			0°	255°	4"	280°	2"								SOUTH EAST CORNER	
U.S. 6 & EMERALD LAKES	P-1	#5 CUT @ 28.0'	115°	25.0'	0°	3°	2"	115°	23.5'	270°	8'	310°	3.75'				
	P-2	#3	180°	24.6'	0°	127°	2"	184°	23.8'	270°	8'	0°	3.75'	90°	23.5'		
	P-3	#3	296°	24.6'	0°	203°	2"	5°	23.8'	0°	8'	90°	3.75'				
	P-4	#5 CUT @ 28.0'	0°	26.0'	0°	319°	2"	0°	23.8'	0°	8'	180°	3.75'				
	CONTROLLER			0°	194°	1"	303°	4"	307°	2"						SOUTH EAST CORNER	
S.R. 84 & BISHOP PARK	P-1	#3	182°	23.6'	0°	359°	2"	182°	22.5'					90°	22.5'		
	P-2	EXISTING WOOD	270°	23.6'													
	P-3	#3	97°	23.6'	0°	0°	2"	97°	22.8'								
	P-4	#3	110°	23.6'	0°	0°	2"	110°	22.8'								
	CONTROLLER			0°	179°	2"	181°	3"								NORTH EAST CORNER	
U.S. 6 & S.R. 91	P-1	#5	143°	27.9'	0°	31°	2"	143°	28.5'	103°	8'	283°	3.75'				
	P-2	#5	222°	27.9'	0°	141°	2"	222°	28.5'	180°	8'	0°	3.75'				
	P-3	#5	310°	27.9'	0°	200°	2"	310°	28.5'	0°	8'	95°	3.75'				
	P-4	#5	83°	27.9'	0°	325°	2"	83°	28.5'	98°	8'	278°	3.75'	270°	28.5'		
	CONTROLLER			90°	150°	2"	153°	4"	357°	2"						NORTH WEST CORNER	
FIRE STATION ON U.S. 6	P-1	TC-8.10 DESIGN 12.4' ARMS 142'	180°	20.5'	0°	0°	2"										
	P-2	TC-8.10 DESIGN 12.4' ARMS 142'	270°	20.5'	0°	195°	2"										
		CONTROLLER				15°	2"	180°	2"	282°	1"						NORTH EAST CORNER
U.S. 6 & S.R. 174	P-1	#5 CUT @ 27.0'	7°	25.0'	0°	257°	2"	7°	24.0'			25°	3.75'				
	P-2	EXISTING WOOD	87°	25.0'								230°	3.75'				
	P-3	#5 CUT @ 27.0'	185°	25.0'	0°	332°	2"	185°	24.0'								
	P-4	#5 CUT @ 27.0'	224°	25.0'	0°	130°	2"	120°	24.0'			180°	3.75'	77°	24.0'		
	CONTROLLER			354°	284°	2"	321°	4"	305°	4"						SOUTH WEST CORNER	
S.R. 91 & SOUTH RAMPS I-90	P-1	#5	148°	26.5'	0°	7°	2"	148°	25.8'								
	P-2	EXISTING STEEL	216°	26.5'		153°	2"	216°	25.8'								
	P-3	EXISTING STEEL	317°	26.5'		37°	4"	317°	25.8'			90°	25.5'				
	P-4	#5	38°	26.5'	0°	0°	2"	34°	25.8'								
	CONTROLLER			0°	191°	2"	208°	4"	218°	2"						SOUTH EAST CORNER	

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			HEIGHT	HEIGHT		SIZE	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT			
U.S. 6 & STATE ROUTE 84	P-1	#5 CUT @ 27.0'	181°	25.0'	0°	165°	2"	181°	23.5'	225°	8'	0°	3.75'			
	P-2	#5 CUT @ 27.0'	1°	24.8'	0°	230°	2"	1°	23.5'	305°	8'	180°	3.75'	184°	23.5'	
	P-3	#5 CUT @ 27.0'	11°	25.0'	0°	140°	2"	11°	23.5'	0°	8'	270°	3.75'			
	P-4	#5 CUT @ 27.0'	76°	25.0'	0°	142°	4"	76°	23.5'	180°	8'	270°	3.75'			
	CONTROLLER			0°	292°	2"	323°	4"	326°	2"						NORTH WEST CORNER
S.R. 84 & EDDY RD.	P-1	EXISTING				90°	1"									
	P-2	EXISTING														
	P-3	EXISTING				360°	1"									EXISTING
		CONTROLLER														
U.S. 6 & ROCKEFELLER RD.	P-1	EXISTING WOOD		24.15'	0°	265°	2"			90°	8'	0°	3.75'			
	P-2	PEDESTAL			0°	135°	2"			180°	8'	90°	3.75'			
	P-3	#5 CUT @ 26'		24.15'	0°	45°	2"	270°	23.0'	270°	8'	270°	3.75'	90°	23.0'	
	P-4	PEDESTAL			0°	0°	3"			0°	8'	180°	3.75'			
	CONTROLLER															SOUTH WEST CORNER

- NOTES**
- 1.) THE BASELINE FOR ALL ANGLES IS PARALLEL TO THE CENTERLINE OF THE FIRST STREET LISTED. WHEN 0° BEING PARALLEL TO SAID CENTERLINE MEASURED IN A CLOCKWISE DIRECTION. (SEE EACH PLAN SHEET)
 - 2.) TYPE OF PEDESTRIAN SIGNAL MOUNTING
A - THREADED BLIND HALF COUPLING
B - BANDED PIPE BRACKET
C - BANDED CLAMHELL
 - 3.) POLE HEIGHTS SHALL BE AS SHOWN ON TC-8.10 EXCEPT AS NOTED
 - 4.) POLE FOUNDATIONS SHALL BE AS SHOWN ON TC-2.20
 - 5.) ALL UNUSED CONDUIT ELLS SHALL BE CAPPED

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

ORIENTATION ANGLES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED