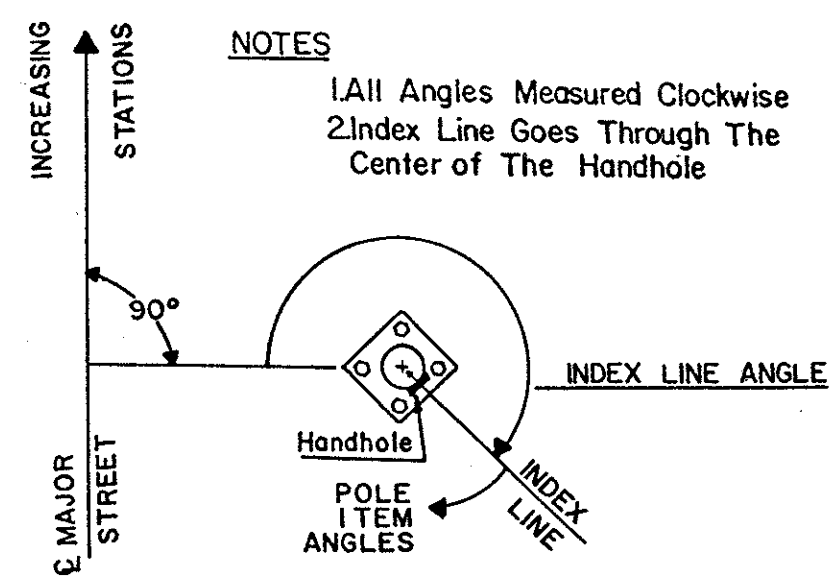
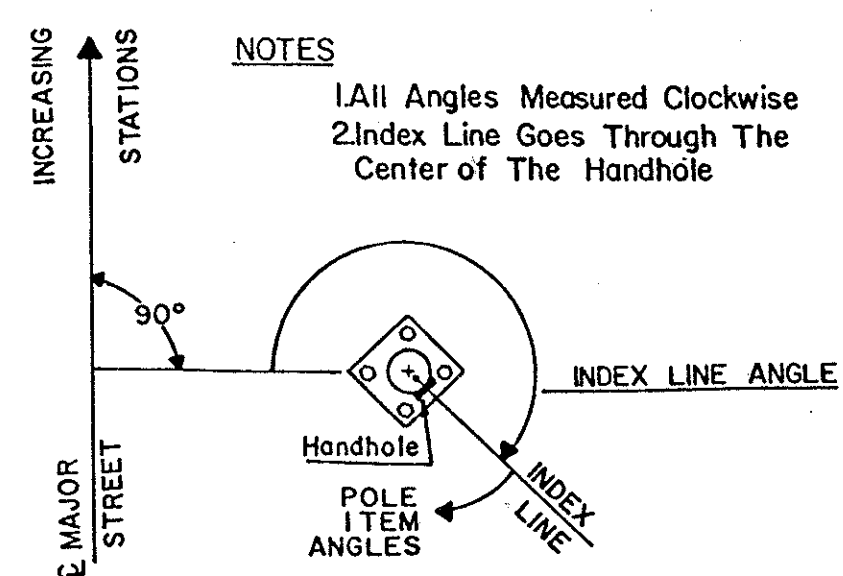


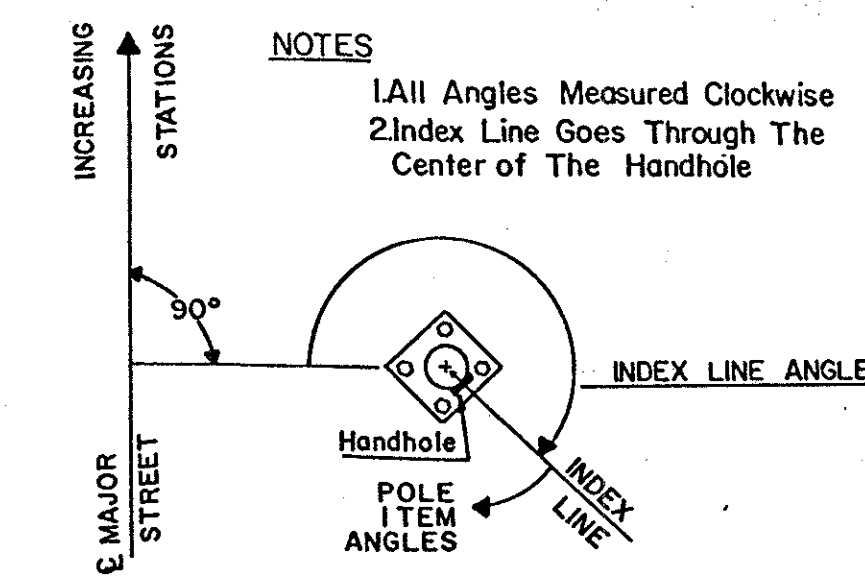
ORIENTATION ANGLES



TC-81.10 SIGNAL SUPPORT



TC-81.10 SIGNAL SUPPORT



TC-81.10 SIGNAL SUPPORT

INTERSECTION	ITEM	DESIGN N°	POLE HEIGHT (FEET)		SPAN WIRE MOUNTING HEIGHT	GROUND MOUNTED CONTROLLER HINGE LOCATION	ANGLES (DEG.) FROM INDEX LINE													
			DEG.	FEET			INDEX LINE ANGLE (DEG.)	PEDESTRIAN SIGNALS	PEDESTRIAN PUSHBUTTONS	CONTROLLER	POWER SERVICE	CABLE ENTRANCE (12" FROM TOP)	INTERCONNECT POLE SPLICE BOX	2" CAPPED CONDUIT ELL (FUTURE USE)						
															DEG.	FEET				
S.R. 306 AND I-90 RAMP	P1	5	30	40	26.0		180													
	P2	EX.		30	26.0		180					EX.	EX.							
	P3	5	30	320	26.0		180													
	P4	EX.		325	26.0		180													
	P5	PED	8		8.0		0	90	0											
	P6	PED	8		8.0		0	0	0											
	P7	PED	8		8.0		0	270												
CONTROLLER						SOUTHWEST														
S.R. 306 AND S.R. 84	P1	5	29	40	2.8		200	200	0											
	P2	EX.		20	2.8		232	90	0											
	P3	5	29	330	2.8		150	310	230											
	P4	EX.		300	2.8		180	180	180			EX.	180							
CONTROLLER						SOUTHWEST														
S.R. 84 AND PLAZA BLVD.	P1	3	26	29	23.5		180	0	0											
	P2	EX.		30	23.5															
	P3	3	26	0	23.5		180						180							
	P4	EX.		0	23.5		180	90	180			EX.	EX.							
	P5	1	20		19		180	270	0											
CONTROLLER						NORTHWEST														
S.R. 84 AND RIDGE HILL	P1	EX.		60	26.8		0	180	180											
	P2	EX.		310	26.8		0													
	P3	EX.		55	26.8		0													
	P4	EX.		300	26.8		0	180	180			EX.	180	180						
	P5	PED	8		8.0		0	0	180											
CONTROLLER						NORTHWEST														

INTERSECTION	ITEM	DESIGN N°	POLE HEIGHT (FEET)		SPAN WIRE MOUNTING HEIGHT	GROUND MOUNTED CONTROLLER HINGE LOCATION	ANGLES (DEG.) FROM INDEX LINE													
			DEG.	FEET			INDEX LINE ANGLE (DEG.)	PEDESTRIAN SIGNALS	PEDESTRIAN PUSHBUTTONS	CONTROLLER	POWER SERVICE	CABLE ENTRANCE (12" FROM TOP)	INTERCONNECT POLE SPLICE BOX	2" CAPPED CONDUIT ELL (FUTURE USE)						
															DEG.	FEET				
S.R. 84 AND S.R. 615	P1	3	26	0	24.10		180	270												
	P2	3	26	0	24.10		180													
	P3	EX.		0	24.10		180	180	180											
	P4	EX.		0	24.10		180	45	270		EX.	135								
CONTROLLER						NORTHWEST														
S.R. 84 AND LITTLE MT.	P1	4	26	45	24.60		180													
	P2	3	26	315	24.60		180													
	P3	3	26	45	24.60		180													
	P4	3	26	315	24.60		180			90		265	135							
CONTROLLER						NORTHWEST														
U.S. 20 AND W. WALL / BEST	P1	5	30	15	25.45		180	0	90		2	225								
	P2	EX.		260	25.45		0	90	90			135								
	P3	5	30	5	25.45		0	0	90			135								
	P4	EX.		3	25.45		0	180	180			180								
	P5	EX.	8		8.0		0	0	180											
CONTROLLER						NORTHEAST														
U.S. 20 AND HOLLIVERT / GARFIELD	P1	3	26	0	23.95		180	270	180			225								
	P2	3	26	0	23.95		180	90	180			135								
	P3	3	26	0	23.95		180	135	180			225								
	P4	3	26	0	23.95		180	225	180		0	135	135							
CONTROLLER						NORTHWEST														
U.S. 20 AND SHARON LEE	P1	3	26	0	24.10		180	0				225								
	P2	3	26	0	24.10		180													
	P3	3	26	90	24.10		180	90	180			225								

INTERSECTION	ITEM	DESIGN N°	POLE HEIGHT (FEET)		SPAN WIRE MOUNTING HEIGHT	GROUND MOUNTED CONTROLLER HINGE LOCATION	ANGLES (DEG.) FROM INDEX LINE													
			DEG.	FEET			INDEX LINE ANGLE (DEG.)	PEDESTRIAN SIGNALS	PEDESTRIAN PUSHBUTTONS	CONTROLLER	POWER SERVICE	CABLE ENTRANCE (12" FROM TOP)	INTERCONNECT POLE SPLICE BOX	2" CAPPED CONDUIT ELL (FUTURE USE)						
															DEG.	FEET				
U.S. 20 AND SHARON LEE	P4	3	26	92	24.10		180	135	180											
	CONTROLLER						NORTHWEST													
S.R. 283 AND CAMPBELL	P1	3	26	0	24.65		180	0	90											
	P2	3	26	0	24.65		180	0	270											
	P3	3	26	0	24.65		180													
	P4	3	26	0	24.65		180	0	0		90	135	135							
	P5	PED	8		8.0		0	90	180											
CONTROLLER						NORTHWEST														
S.R. 283 AND DALE RICE	P1	EX.		15	23.85		0	90	90											
	P2	EX.		15	23.85		0	90	90	180	180	180	180							
CONTROLLER						NORTHWEST														
S.R. 283 AND S.R. 615	P1	4	26	17	25.0		180	315	0											
	P2	EX.		15	25.0		0	90	90											
	P3	4	26	0	25.0		180	90	90											
	P4	3	26	0	25.0		180	315	0			270	135	135						
CONTROLLER						NORTHWEST														
S.R. 615 AND PROSPECT	P1	6	30	30.5	25.70		180	270				225	227	135	135					
	P2	5	30	0	25.70		180	270	180											
	P3	5	30	30	25.70		180	180	90											
	P4	5	30	0	25.70		180	270	180											
	P5	PED	8		8.0		0	90	180											

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

ORIENTATION ANGLES

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED