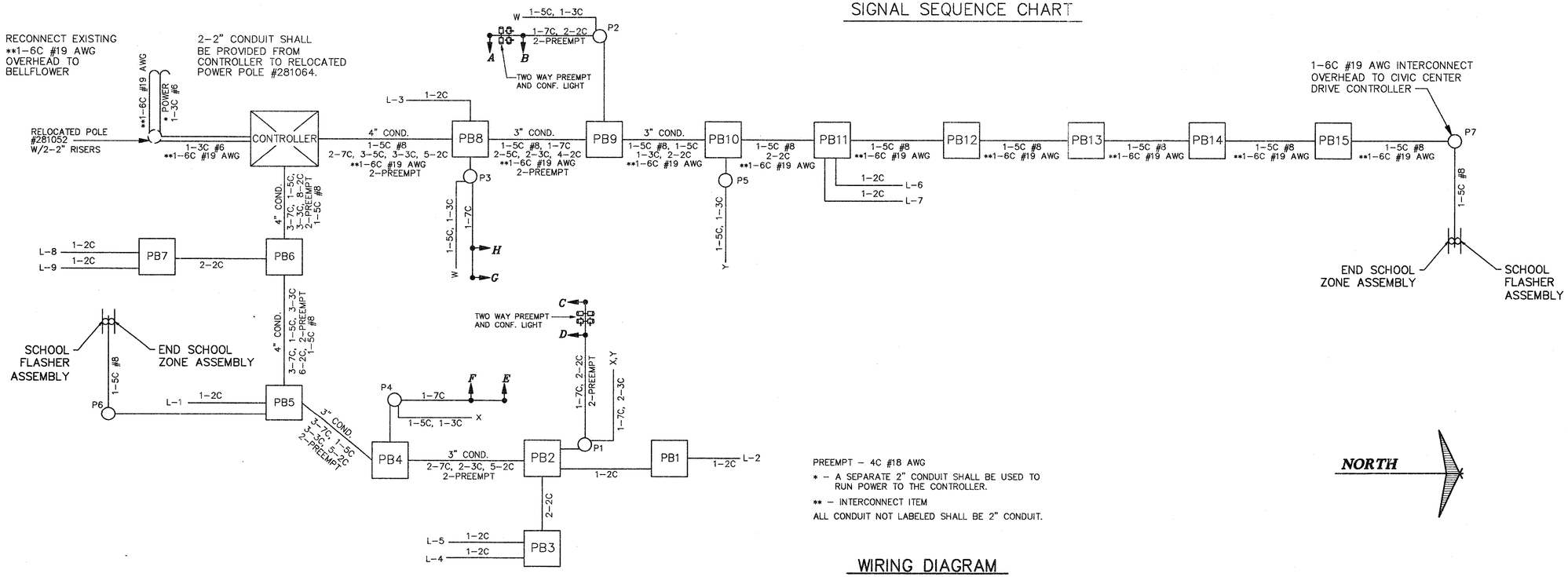
SIGNAL DIRECTION	SIGNAL HEAD	ϕ1 & ϕ5				ϕ1 & ϕ6				ϕ2 & ϕ5				ϕ2 & ϕ6				ϕ3 & ϕ8				ϕ4 & ϕ8				FLASH	DWELL
		R/W		CLEAR		R/W		CLEAR		R/W		CLEAR		R/W		CLEAR		R/W		CLEAR		R/W		CLEAR			
WESTBOUND	A	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G/~~G~~	G/~~G~~	(e) G/~~Y~~	R(f)	G	G	Y	R	R	R
	B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	(f) Y	R(f)	G	G	Y	R	R	R
NORTHBOUND	C	R/~~G~~	R/~~G~~	(g) R/~~Y~~	R(a)	R	R	R	R	G/~~G~~	G/~~G~~	(c) G/~~Y~~	R(d)	G	G	Y	R	R	R	R	R	R	R	R	R	Y	G
	D	R	R	R	R	R	R	R	R	G	G	(d) Y	R(d)	G	G	Y	R	R	R	R	R	R	R	R	R	Y	G
EASTBOUND	E	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R
	F	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	R
SOUTHBOUND	G	R/~~G~~	R/~~G~~	(b) R/~~Y~~	R(b)	G/~~G~~	G/~~G~~	(c) G/~~Y~~	R(d)	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	Y	G
	H	R	R	R	R	G	G	(d) Y	R(d)	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	Y	G
NORTH	Y–Y	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W*	FDW*	DW	DW	W*	FDW*	DW	DW	DARK	DW
EAST	X–X	DW	DW	DW	DW	DW	DW	DW	DW	W*	FDW*	DW	DW	W*	FDW*	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DARK	DW
WEST	W–W	DW	DW	DW	DW	W*	FDW*	DW	DW	DW	DW	DW	DW	W*	FDW*	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DARK	DW

* ONLY UPON PEDESTRIAN PUSHBUTTON ACTUATION

(a) R/~~G~~ IF ϕ2 & ϕ5 IS NEXT
(b) R/~~G~~ IF ϕ1 & ϕ6 IS NEXT
(c) G/~~Y~~ IF ϕ2 & ϕ6 IS NEXT
(d) G IF ϕ2 & ϕ6 IS NEXT
(e) G/~~Y~~ IF ϕ4 & ϕ8 IS NEXT
(f) G IF ϕ4 & ϕ8 IS NEXT

SIGNAL SEQUENCE CHART



PREEMPT – 4C #18 AWG
* – A SEPARATE 2" CONDUIT SHALL BE USED TO RUN POWER TO THE CONTROLLER.
** – INTERCONNECT ITEM
ALL CONDUIT NOT LABELED SHALL BE 2" CONDUIT.

WIRING DIAGRAM

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SUBMISSIONS / REVISIONS

CENTER STREET (STATE ROUTE 615)
ROADWAY IMPROVEMENTS
SIGNAL PLAN
FAIRFAX DRIVE / MENTOR HIGH SCHOOL
ENTRANCE / CENTER STREET INTERSECTION

CT Consultants, Inc.
Engineers • Architects • Planners
Willoughby • Mentor • Columbus • North Canton • Youngstown

DATE: AUGUST 03, 1999
DRAWN BY: T.E.B.
CHECKED BY: A.E.P.
APPROVED BY: I.M.H.
SCALE:
HOR: 1" = 20'
VERT: 1" = 5'
CONTRACT No.
98387
SHEET NO. **94** OF **103**