

LAK - 91 - 4.56

843 CONTROLLER, BY TYPE

In addition to the requirements of Supplemental Specification 843, controllers with prewired cabinets shall have the following requirements or features:

Cabinets shall be painted yellow Federal Standard 595, color 13655. They shall be pole-mounted and equipped with a convenience outlet.

The manufacturer's manual shall be provided for each controller. Controller harness length shall be sufficient to reach any point within the space provided for the controller.

A free operation switch shall be provided for each controller to disconnect the controller from the interconnect system.

Lightning protection shall be provided as shown on sheet 14.

843 CONTROLLER, SEMIACTUATED, 3 PHASE, SOLID STATE, DIGITAL WITH CABINET, AS PER PLAN

In addition to the requirements of Supplemental Specification 843, controllers shall conform to NEMA Standard TS-1-1976 and its latest revisions. Load switches, flashers, and conflict monitors shall conform to NEMA Standard TS-1-1976 and its latest revisions. Load switches shall contain indicator lights for each circuit, visible from the front.

Controller cabinet size shall comply with the requirements of 843 assuming the controller frame size to be a minimum of 19 inches wide by 14 inches high by 14 inches deep.

Payment for item 843, "Controller, Semiactuated, 3 Phase, Solid State, Digital, With Cabinet, As Per Plan" will be made at the contract bid price per each complete and in place including all connections, tested and accepted.

843 COORDINATOR BY TYPE

Incidental to the requirements for coordinators in Supplemental Specification 843, the Contractor shall field adjust the signal timing and interconnect background cycle of the four existing traffic signals north of Vine Street.

Any cost for labor, materials, or equipment required, but not shown as a separate pay item, to provide a compatible interconnect system shall be furnished and installed as incidental to the cost of providing secondary coordinators.

UNDERGROUND UTILITIES

The locations of the underground utilities shown on the plans have been obtained by diligent field checks and searches of available records. It is believed that they are essentially correct, but the State of Ohio does not guarantee their accuracy or completeness.

To assure accuracy in the locating of underground utilities, the Contractor will contact the Utilities Protection Service 48 hours before excavation. The toll free telephone number is 1-800-362-2764.

UTILITY OWNERSHIP

The Cleveland Electric Illuminating Company
 P.O. Box 5000
 Room 477
 Cleveland, Ohio 44101
 216/622-3451 Ext. 591

East Ohio Gas Company
 1201 East 55th Street
 Cleveland, Ohio 44101
 216/361-2311

Ohio Bell Telephone Company
 820 West Superior Avenue
 Room 215
 Cleveland, Ohio 44113
 216/822-6241

The City of Eastlake
 35150 Lake Shore Boulevard
 Eastlake, Ohio 44094
 216/951-1416

INTERCONNECT TIMING SCHEDULES

Monday through Friday

11 P.M. to 5 A.M., 70 Second Cycle

Intersection	Offset	
	Sec.	%
State Route 91	0	0
SR 2 Eastbound Ramps		
State Route 91	66	94
SR 2 Westbound Ramps		
State Route 91	63	90
Curtis Boulevard		
State Route 91	38	54
Vine Street		
State Route 91	67	96
Stevens Boulevard		
State Route 91		Flash
Glen Drive		
State Route 91		Flash
Beach Park Avenue		
State Route 91		Flash
Roberts Road		

5 A.M. to 9 A.M., 90 Second Cycle

Intersection	Offset	
	Sec.	%
State Route 91	0	0
SR 2 Eastbound Ramps		
State Route 91	87	97
SR 2 Westbound Ramps		
State Route 91	77	86
Curtis Boulevard		
State Route 91	49	54
Vine Street		
State Route 91	75	83
Stevens Boulevard		
State Route 91	31	34
Glen Drive		
State Route 91	30	33
Beach Park Avenue		
State Route 91	30	33
Roberts Road		