

**STATE OF OHIO
DEPARTMENT OF TRANSPORTATION**

**SUPPLEMENT 1076 CONFLICT MONITORS FOR USE WITH MODEL 170E
AND 2070 CONTROLLERS/CABINETS**

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1076.01 Description. This Supplement sets forth the prequalification procedure for traffic signal conflict monitors, including software when necessary, for use in model 332 and 336 cabinets using model 170E or 2070 controllers.

1076.02 Definitions and References. Wherever the following abbreviations are used in these specifications, they shall be construed to have the following meaning:

CalTrans	California Department of Transportation
CMS	Construction and Material Specifications, ODOT
ODOT	Ohio Department of Transportation
QPL	“Qualified Products List” as published by CalTrans
ATSI	Athens Technical Specialists, Inc.

1076.03 Prequalified Product Procedure. The Office of Traffic Engineering shall maintain a listing of conflict monitors that have been tested and approved as meeting C&MS 733.033(F). Only conflict monitors on this listing shall be accepted for use in model 332 and 336 cabinets using model 170E or 2070 controllers.

The manufacturer of the conflict monitor shall have at least a base 210 model conflict monitor listed on the CalTrans QPL.

A manufacturer or vendor may submit a conflict monitor for testing at any time. The equipment shall be delivered to the ODOT Signal Shop, 1606 West Broad Street, Columbus, Ohio 43223.

All submitted conflict monitors will be tested by ODOT on a portable conflict monitor tester (ATSI, PCMT - 2000, PC Based Monitor Tester). All conflict monitors that successfully meet specification requirements will be placed on the ODOT conflict monitor prequalified list. The conflict monitor must pass the ATSI tester while operating in the standard mode of operation used on the street during normal stop and go operation. No special testing modes will be acceptable.

The product submission shall include the conflict monitor unit, full documentation of the unit, and PC software used to program or access the unit's features. ODOT will return these items to the vendor after testing. ODOT will complete all testing and evaluations within 60 days of receipt of the product. ODOT will have sole discretion in determining if monitors meet specification requirements. Monitors that fail to meet the specification will be returned along with a written report identifying any deficiencies.

1076.04 Removal from the Prequalified List. ODOT may remove a conflict monitor from the prequalified list if, in ODOT's sole discretion, the monitor has failed to perform satisfactorily in the field.

1076.05 Reapproval. A conflict monitor removed from the prequalified list due to unsatisfactory field performance shall not be returned to the list until the manufacturer identifies the reason for the failure and the problem has been corrected to the satisfaction of ODOT. Experiences of other States or governmental agencies may be considered in this action.

1076.06 Modifications to Prequalified Conflict Monitor. It is recognized that manufacturers will occasionally modify certain aspects of their products in an effort to enhance performance, improve durability, reduce costs, or for other similar reasons. Conflict monitor manufacturers shall notify ODOT whenever modifications are made to products contained on the prequalified list. ODOT will review the changes being made to the product and, at its sole discretion, decide what action, if any, is appropriate. Appropriate action includes limitation of usage or removal from the prequalified list.