

# ODOT Traffic Signal Resources



## ODOT Signals Webpage

- <http://www.dot.state.oh.us/Divisions/Operations/Traffic/miscellaneous/Pages/Signals.aspx>
- Links to Maintenance, Design (Signal Design Reference Packet), Synchro settings checklist

**Signals**

This page provides links to documents and publications which have been developed to provide information and guidance related to signal timing, design, and operations.

Traffic Signal Website Overview.pdf

**Content Editor Web Part**

**Traffic Signal Training**

- Traffic Academy for Design Consultant Pre-Qualification
- Introduction to Traffic Signals (Free course through LTAP E-Learning)

Valuable resource for beginner Traffic Signal Engineers/Technicians, as well as a great refresher for seasoned Engineers/Technicians

**Traffic Signal Resources**

Traffic Signal Resources  
A compilation of traffic signal manuals, cheat sheets, and how-to guides.

**Signal Documents and Publications**

Signal Design Reference Packet (SDRP)  
Rev-07a 03/05/2018

## Related ODOT Resources

- Approved Product List (APL)
- Construction & Material Specifications (C&MS)
- Location & Design Manual (L&D)
- ODOT Qualified Products List (QPL)
- Ohio Manual of Uniform Traffic Control Devices (OMUTCD)
- Plan Insert Sheets (PISS)
- Sign Designs and Markings Manual (SDMM)
- Standard Construction Drawings (SCDs)
- Supplements/ Supplemental Specifications
- Traffic Authorized Products (TAP) List
- Traffic Engineering Manual (TEM)

## Training

- <http://www.dot.state.oh.us/Divisions/Engineering/Roadway/TrafficAcademy/Pages/default.aspx>
- Intro to Traffic Signals Course (Free Online Course)
- Traffic Signal Design & Operations (offered summer/fall in-person as part of Traffic Academy with successful completion as a requirement for consultant prequalification)
- Traffic Inspection and Maintenance (online course coming winter 2018)

### Course Enrollment Information for 2018

Course Topic:	Course Date(s):	Registration/Enrollment Process:
Safety Studies	March 1 April 11	Click here to register. Click here to register.
Maintenance of Traffic	April 27	Click here to register.
Signing and Markings	June 26	Click here to register.
Highway Lighting	July 24-25	Click here to register.

## Traffic Signal Resources

- <http://www.dot.state.oh.us/Divisions/Operations/Traffic/miscellaneous/Pages/Traffic-Signal-Resources.aspx>
- Manuals, checklists, and guides to various signal components
- Troubleshooting guides for monitors, modems, radar installation, and radios

## Signal Design Reference Packet

- <http://www.dot.state.oh.us/Divisions/Operations/Traffic/miscellaneous/Pages/Signal-Design-Reference-Packet.aspx>
- Designers should utilize the files, calculations, and guidance for all traffic signal plans
- SDRP is updated after Traffic Engineering Manual (TEM) updates
- SDRP files and calculation spreadsheets

### Reference Packet

<input type="checkbox"/> Type	Title	Updated
	OTO - Signal Design Reference Packet 03-05-2018	3/5/2018
	SDRP Revision Log 03-05-18	3/5/2018

### SDRP Files

<input type="checkbox"/> Type	Title	Updated
	Traffic Control General Notes - 01	1/26/2018

### SDRP Calculation Spreadsheets

<input type="checkbox"/> Type	Title	Updated
	OTO Signal Calculations - Conduit Sizing	9/27/2016
	OTO Signal Calculations - Mast Arm	5/27/2016
	OTO Signal Calculations - Clearance Intervals With and Without Speed Study Data	3/5/2018