

002.02.03 Highway Geometrics, Design and Operations.

- Recommend and review geometric design policies and develop manual information covering traffic operational phases of highway design.
- Review project plans to determine that geometric design policies and traffic operational requirements are being followed.
- Develop encroachment and approach policies for the State highway system and coordinate with districts on any application problems.

002.02.04 Traffic Control Devices

- Develop and maintain policies, standards and specifications for traffic signals, signs, illumination, ITS devices, delineation, and pavement markings.
- Review district plans for traffic control devices.
- Coordinate and administer policies, procedures, and interagency agreements for special signing programs.
- Coordinate and maintain uniformity in all traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, as adopted by the State, as required by Idaho statutes.
- Maintain a list of approved devices that meet NCHRP-350 requirements (see Section 601.03).
- Develop and maintain standard specifications for traffic items.
- Make field inspections of installations and advise districts in the planning, design, construction and operation of traffic control devices.
- Administer the fabrication of highway signs in the Sign Shop, including development of material specifications, development of fabrication procedures, and distribution of finished signs to districts.
- Administer the Department's sign fabrication program with the State Penitentiary.
- Administer the Signal Shop operations, including troubleshooting, repair, warehousing and distribution of signal and lighting parts and equipment.
- Assist district personnel and communities in operating and maintaining ITS electrical control devices on the State highway system.
- Assist district personnel in the inspection of contracted electrical traffic control devices.
- Conduct research and testing of new traffic equipment and material for approval and use on the State highway system.
- Assist districts in maintenance of sign installations and improvement of sign maintenance procedures.

- Assist the Regional/Resident Engineer on construction projects and contractor operations to ensure:
 - Consistent compliance with traffic safety requirements.
 - Proper signing and maintenance of project traveled ways and detours.
 - Adequate provisions for the safe movement of traffic.
 - Material approval and construction inspection of traffic-related items.
- Assist the District Maintenance Engineer in providing safe and adequate traffic service during highway maintenance operations.
- Make periodic field inspection of the State highway system and all traffic control devices including construction and maintenance work zones to ensure that proper vehicle operations are provided and to make certain that necessary adjustments and maintenance are accomplished.
- Supervise the District Sign Foreman in the installation, servicing and repair of highway signs.
- Supervise the Traffic Signal Technician (Electrician) in the installation, servicing and maintenance of highway illumination and traffic signals.
- Coordinate and assist the pavement marking crew work in the district. In some districts the marking crew works directly for the District Traffic Section.
- Prepare and recommend special signing and striping layouts as required.
- Maintain a complete inventory of electrical traffic-control devices, no-passing zones, safe-speed logs, speed-control zoning, special pavement markings, destination and distance sign installations, traffic-control device maintenance records and other related inventories.
- Coordinate the installation and maintenance of traffic signals and highway illumination. Make periodic field inspections and adjustments to be sure that these services are operating at optimum efficiency.
- Coordinate district traffic engineering activities and practices with other state, U.S. and local governmental agencies.
- Coordinate and maintain uniformity in all traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, as adopted by the State, as required by Idaho statutes.
- Assume any other responsibilities in connection with traffic-related features, vehicle operations or traffic safety that may be required.