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## 636 TRAFFIC SIGNAL ON-SITE FIELD INSPECTION CHECKLIST

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The following checklist includes the data to be collected in the field to be used to develop a base map of existing conditions for the design process for a traffic signal. The information gathered should not be limited to items found on the list. Conditions may warrant additional data.

- A. Existing Traffic Signals and Underground Conduit and Pullboxes
  - a. Pole Locations
  - b. Signal Heads
  - c. Control Cabinet Locations
  - d. Pullboxes (Location & Type)
  - e. Detector Locations & Sizes
  - f. Service Location (Existing & Proposed)
  
- B. Pavement
  - a. Width Dimensions (Face of Curb to Face of Curb)
  - b. Type (Asphalt, Dirt, Concrete, etc.)
  
- C. Driveways, Alleys
  - a. Locations
  
- D. Curb, Gutter
  - a. Type
  
- E. Sidewalks
  - a. Location
  - b. Widths
  
- F. Wheelchair Ramps
  - a. Location
  - b. Dimensions
  
- G. Stop Lines
  - a. Locations
  
- H. Crosswalks
  - a. Locations
  
- I. Lane Widths
  - a. Dimensions
  - b. Locations

- J. Channelization
  - a. Raised Medians
  - b. Storage Areas for Left & Right Turns
  - c. Reverse Curve/Transitions
  - d. Roadway & Striping Tapers
  
- K. Roadway Grades
  
- L. Sight Distances
  
- M. Sight Restrictions
  - a. Signs, Buildings, Landscaping, etc
  
- N. Parking Restrictions
  - a. Bus Stops, On Street Parking, etc.
  
- O. Drainage Structures
  - a. Storm Drains, Manholes, Box Culverts, etc.
  
- P. Railroad Tracks
  - a. Location
  - b. See MUTCD for pre-emption requirements.
  
- Q. Utilities
  - a. Location
  - b. Type (OH Electric, HP Gas, Water, Telco, Sewer, Valves, etc.)
  - c. Check for any overhead or underground conflicts
  - d. Utility Company Name (Power)
  - e. Power Source Location (Poles)

Special attention should be given to obtaining precise locations of utilities. Accurate horizontal and vertical clearance information should be obtained for overhead power lines.
  
- R. Right of Way
  - a. Markers, Fences, etc. (Note any pertinent information such as stationing, etc.)
  
- S. Intersection Characteristics
  - a. Schools and other Pedestrian Generators
  - b. Land Use and Development Type
  - c. Traffic Volumes
  - d. Speed Limits (all legs)