636 TRAFFIC SIGNAL ON-SITE FIELD INSPECTION CHECKLIST

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)