

ENGINEERING DISTRICT 4-0
55 KEYSTONE INDUSTRIAL PARK
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ITE Public Agency Counsel - Current Practices in Performance Measures

HEATHER TALBERT (HTALBERT@ITE.ORG)

Dear Ms. Talbert:

The following information is provided as requested:

- Traffic signal system performance measures.
 - Level of service
 - Delay
 - Queuing

PS - Signals are owned, maintained, and operated by local municipalities in the State of Pennsylvania.

- Development review time, errors, and completeness.

Developers initially submit a traffic impact study followed by construction plans with inspection by the Department.

The number of submissions varies along with the quality of work performed.

- Pavement striping performance.
 - Pavement striping.
 - Paint line miles are measured monthly in order to keep track of production in an effort to meet our annual paint program.
 - We measure hours versus miles painted in order to keep track of cost.
 - We re-examine our paint program on a yearly basis to establish the most efficient way to complete our annual paint program.
 - We measure the reflectivity of several roads per month to assure correct bead application, as set forth in our standards, and in an effort to determine how long the paint lines last on various road types.
 - All measurement data is entered into our state tracking system.
- Pavement maintenance effectiveness:

The Department endeavors to resurface secondary roads (low ADT) approximately every seven years, and traffic routes approximately every ten years. Between the seven and ten year cycles, crack sealing and seal coats are applied. Their effectiveness is based upon our STAMPP program (Systematic Technique to Analyze and Manage Pa Pavement), and periodic inspection by county/district maintenance personnel.

- Traffic sign condition:
 - The condition of our signs is reviewed on a two-year cycle (Sign Upgrade Program).
 - Currently, the State of Pennsylvania is implementing a plant maintenance program in an effort to track roadway inventory, stockroom inventory, installation costs, hours versus installation.