Web-Based Microfilm

Description
This innovation provides a centralized, interactive location for the compilation of archived Final or “As Built” roadway plans for various projects within MoDOT’s Northeast District. The innovation is web-based; therefore, it can be utilized on the MoDOT internal or external website and accessed from any location. Employees and customers will select the appropriate county and then open a map of the desired route. Once the desired location is found on the map, the individual will select the appropriate link and the subsequent roadway plans will open for the route segment.

Benefits
Efficiency: Currently, external and some internal requests for roadway plans are processed by an Administrative Technician, which consumes large amounts of their time. By developing a consistent, easy to use format for accessing roadway plans, MoDOT employees can access plans from any location. This will allow individuals to research their own projects/locations, plus it could allow others to assist with researching external requests.

Efficiency could be further enhanced by promoting an external website for accessing roadway plans. External requests are typically from Land Surveyors and Engineering Consulting Firms, who are familiar with researching MoDOT roadway plans. Usage of an external website would
allow familiar customers to access their own roadway plans; therefore, allowing various
MoDOT employees to work on other assigned tasks.

Cost: Implementation of this innovation utilizes current software/programs; however, costs
will be accrued related to the dedication of staff to develop project history maps and link
appropriate files on a website. Once the maps and website are created, savings will be
recognized in the ability to divert resources to other tasks, while providing a consistent,
centralized location for accessing roadway plans.

Quality: In general, implementation of this process improvement would allow statewide
access to the Northeast District roadway plans, provide a consistent easy access format and
reduce future workloads associated with this task. Having a centralized, easily accessible file
storage mechanism will improve the quality of locating information and providing data to both
internal and external customers.

Organizational Impact: If an external MoDOT website is developed, this innovation has the
potential to allow external customers to access their own desired product/service instead of
waiting for an individual to process their request. This approach improves the way MoDOT
does business and provides greater customer service. In theory, each district could develop
similar websites, to provide statewide consistency and ease-ability of accessing roadway
plans.

Safety: Improvements to safety are not a key component of this innovation.

Environmental: A large number of roadway plans requests are currently provided via e-mail;
therefore, minimizing the usage of paper. Efforts to allow customers to view roadway plans
from any location (i.e. internet enabled tablets in the field) will continue our good stewardship
towards the conservation of paper products.

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Additional photos can be seen by accessing the Innovations Challenge homepage at
http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm