PUBLIC EDUCATION FOR STREET OVERLAY PROJECT USING A STORYMAP

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THE PROJECT

• Citywide Project
• 54 Miles of Streets
• Treatments New to the City
• Cape Seal, REAS Slurry Seal and Micro-surfacing Slurry Seal
• 10,000-12,000 directly affected
• 15,000-20,000 Indirectly Impacted
Who wants their streets messy for two weeks?
• City of Thousand Oaks used Cape Seal
• Public education Required
• City created a Storymap
Resurfacing Program

- Budget of $11.2M
- Treatment based on street condition
- Four types of treatments
- 54.4 miles of street treated
- 485 Curb Ramps Modified
- 231 Curb Ramps were Removed and Replaced
PROBLEMS TO SOLVE

• Cape Seal was new treatment to the City
• Cape Seal is a two week process
• Geographically Diverse
• Not suitable for community meetings or mailings
Public education through Storymap
MAKING OF A STORYMAP

• Create a MXD in ArcMap
• Upload to ArcGIS Online
• Apply Storymap App
• Configure
Custom Configurations

• Standard configurations were not flexible enough
  – Pin number issues
  – Pin color issues

•Copied Storymap App to the City’s web server

• Opened up many settings for editing
Welcome to the City of Thousand Oaks Story Map for the 2014 Pavement Overlay and Resurfacing Program.

How to use this map:
1. To find your street, please zoom on the map.
2. If you see your neighborhood streets are highlighted, your street is being treated this year. Different colors indicate different treatments.
3. Click the pin near your neighborhood to view the type of treatment on your street.
PUBLIC EDUCATION PROCESS

- Front page of City website
- Local newspaper article
- Email blast
- Movable electronic message boards
- Barricades signs

All pointing to Storymap
ATTENTION

New Street Work
Coming Soon!

SUMMER / FALL 2014

toaks.org/streetwork
• Where - Street locator
• What - Type of street treatment proposed
• How long - Days each process takes
Benefits

• Access to Storymap 24/7
• Links to photos and videos
• Link to fact sheet
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FACT SHEET / GENERAL INFORMATION

2014 PAVEMENT OVERLAY AND RESURFACING PROGRAM

CAUTION!

- Please observe the 15 MPH speed limit during construction where posted.
- Driving on streets treated with Cape Seal will result in chips being dislodged.
- Driving on streets before they are open may result in asphalt materials being tracked onto your driveway.

PRIOR TO CONSTRUCTION:

- The City will issue notices to each resident affected by upcoming work 1 to 2 weeks before construction.
- Please pay close attention to signs on and around your street indicating when street closures may occur.

DURING CONSTRUCTION:

- Initial repairs include crack sealing, localized patches of failed asphalt repairs, and curb ramp replacement.
- Street closures may occur any time between 8am and 5pm.
- Please do not park or drive on streets if construction signage indicates that the street will be closed.
- Please observe temporary posted work zone speed limit signs (15 mph).
- To avoid tracking asphalt onto your driveways and property, please pay attention to contractor signage and wait until the street has been cleared for access.
**MICROSURFACING**

Microsurfacing is a rapid setting mixture of polymer modified asphalt and high quality aggregates. It fills minor cracks and seals the pavement to provide a quality wearing surface and extending pavement life.

- The streets will be swept removing debris, dirt, and oils.
- A thin layer of Micro Slurry will be applied.
- The streets will be opened to traffic within one hour.

**OVERLAY**

- The existing pavement is grinded down one of two ways, across the entire width of the road or tapered.
- After a pavement has been milled the resulting surface is quite dirty and dusty, the surface will be cleaned off by sweeping.
- A tack coat will be placed on the existing pavement to ensure adequate bonding to new pavement.
- A thin layer of asphalt rubber is placed on the surface followed by a roller that compacts the asphalt.
- The result is a smooth surface that protects and seals the pavement for many years.

**CAFE SEAL**

- Streets will first be prepared by fixing small cracks and then damaged areas will be patched.
- Cape seal uses the advantages of two sealing and rehabilitation methods combined. First, a rubber chip seal is placed, followed by a micro-surfacing seal coat several days later.
- The cape seal consists of liquid asphalt sprayed onto the pavement followed by small rocks or "chips", which are embedded in the road.
- There will be some loose chips (which will be swept and vacuumed up by the contractor) that may make noise underneather your car.
- Streets will be closed for 2-3 hours during the chip seal operation and up to 3-4 hours for the final seal coat, microsurfacing.
- The cape seal provides a durable and smooth surface that protects and seals the pavement for many years.

**STREET REPAIRS INCLUDE:**

- Localized patches
- Crack sealing
- Micro-Surfacing
- Striping

**SLURRY**

Rubberized asphalt slurry seal is a mixture of emulsified asphalt and mineral aggregates. It fills minor cracks and seals the pavement surface, to extend pavement life.

- The streets will be swept removing debris, dirt and oils.
- A thin layer of Rubberized Slurry will be applied.
- Streets will be closed for several hours to allow slurry to fully cure.

**STREET REPAIRS INCLUDE:**

- Localized patches
- Crack Sealing
- Slurry Seal
- Striping

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In this year’s Pavement Overlay and Resurfacing Program, the City will be using the most cost-effective and sustainable pavement technologies to stretch tax dollars and preserve streets.

Visit our interactive map for more information: [CLICK HERE](#)
• First time the City used a Storymap
• 1 year period: 3,739 visits
SUCCESSFUL PROJECT

• Reduced call volume
• Spatial navigation
• Positive citizen feedback
Questions?