## So, You Want to Start a New Slurry Seal Program

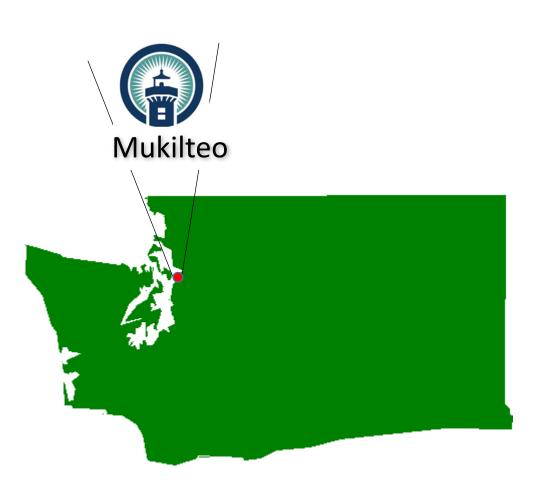
Andrea Swisstack, Asst. City Engineer – City of Mukilteo George Minassian, Sr. Project Engineer – City of Kirkland







- 25 Miles N of Seattle
- Population: 20,542
- 62 CL Mi/133 Lane Mi
- PCI: 77
- Street Preservation FTEs: 0.0
- Annual Preservation Budget: \$900K?
- First PMS in 2008, revived in 2014
- First Slurry Seal in 2018





- 14 Miles NE of Seattle
- Population: 88,000
- 247 CL Mi/649 Lane Mi
- PCI: 76
- Street Preservation FTEs: 0.75
- Annual Preservation Budget: \$4.0M
- First PMS in 1997
- First Slurry Seal in 2002

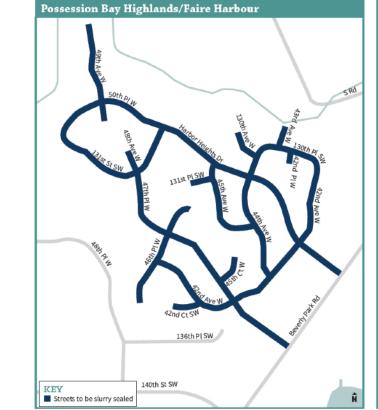


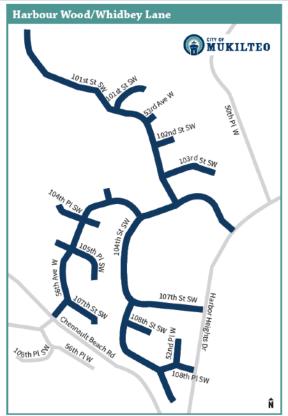
## Mukilteo Slurry Seal Program



- Brand new 2018 First Year!
- TBD created in 2017
- Chip Seal Past
- 5 Centerline Miles
- Two Neighborhoods
- Consultant Support

#### Pavement preservation planned for your neighborhood

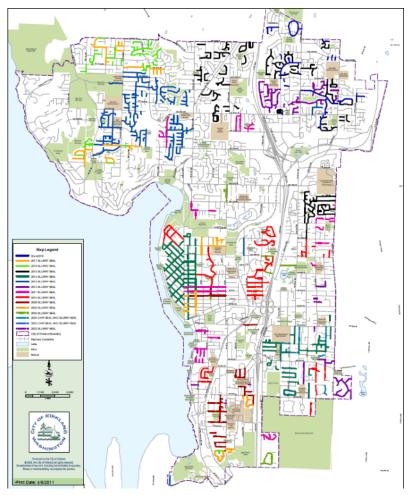




## Kirkland Slurry Seal Program



- <u>2002</u>: first use of slurry seal (stand alone or as cover over chip seal)
- <u>2006</u>: City stopped using slurry seal as preservation tool
- <u>2009-Present</u>: City using slurry seal as primary preservation tool for residential roads.
- 2018 Program: 7 Centerline Miles



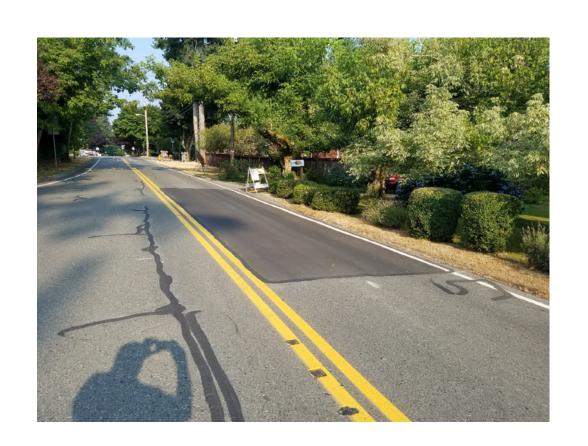
## So you have a new program....now what?

- Street Selection
- Plans, Specifications & Estimate
- Education & Outreach (Most Important!)
- Construction Inspection
- Post Construction



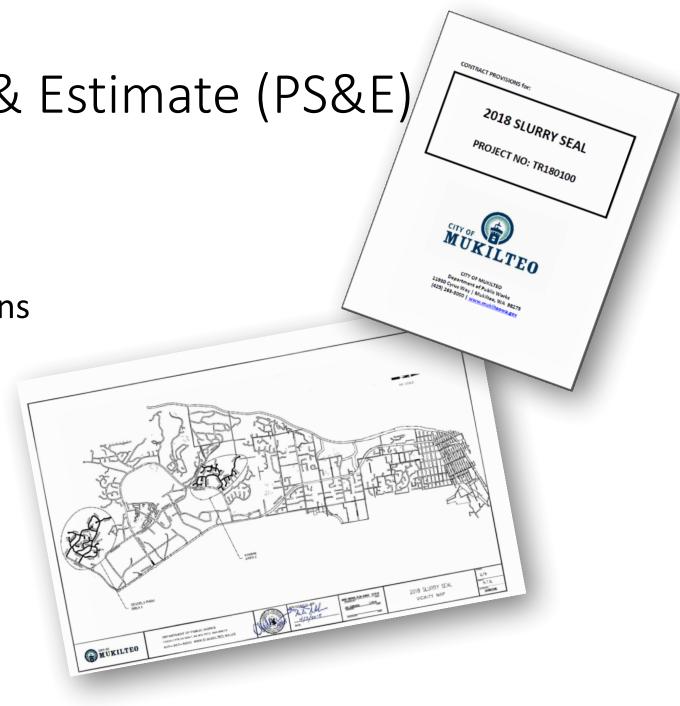
#### Street Selection

- PMS Output Understand Planning Level vs. Project Level
- Visit Streets to Confirm PMS Output
- Size of Project (min 50,000 SY)
- Select the Right Streets
- Select the Right Location
- Other Considerations



Plans, Specifications & Estimate (PS&E)

- Design
- Specifications
- Project Specific Special Provisions
  - Schedule Restrictions
  - Post Construction Sweeping
  - Timing of Pavement Markings
  - Daily Application Limit
  - Staging Area
- Prep Work
- Timing of Bid



# Education & Outreach (MOST IMPORTANT!)

#### **Decisions:**

- Type(s)
- Schedule
- Who Will Prepare/Perform?



## **Education & Outreach** (MOST IMPORTANT!)

#### **Considerations:**

- Social Media Risks
- Recognize Funding Source(s)
- Other Notifications
- Understand Public Expectations

iolators will be subject to towing



# Education & Outreach (MOST IMPORTANT!)

#### Recommendations:

- Don't Forget the Prep Work
- Improve Every Year
- Set Realistic Expectations!



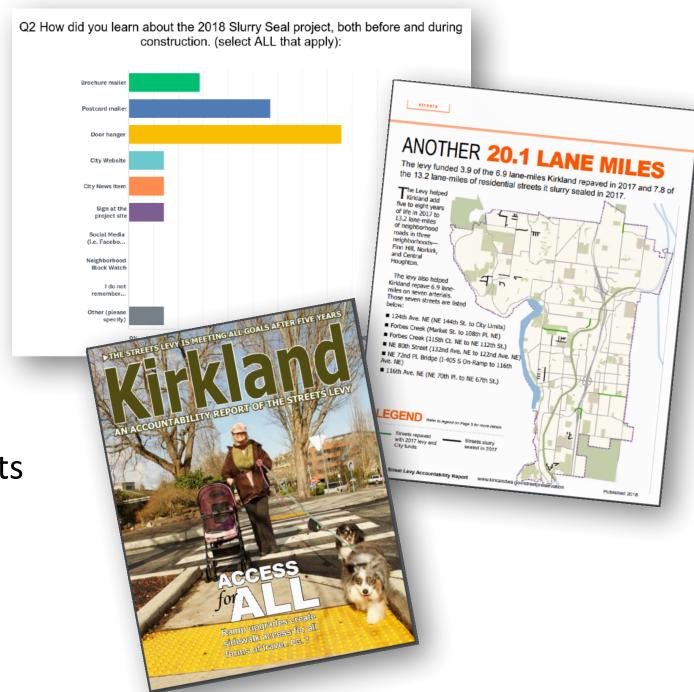
## Construction Inspection

- Who?
- Personality
- Extension of Outreach
- First to Identify Issues/Reschedules
- Communication with Outreach



#### Post-Construction

- Outreach Closeout
- Post-Construction Surveys
- Focus Group
- Identify Future Improvements
- Council Follow Up
- Annual Reporting Requirements



#### Words of Advice...

- #1 for a New Program...EDUCATION & OUTREACH!!!
- Can't Satisfy Everyone
- Positive Feedback is Rarely Heard
- Adjust Your Outreach and Program
- Lean on & Learn from Other Agency Experiences



### Questions?

#### **George Minassian**

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