

# Kenmure Asphalt Rejuvenation Project

Overview for Residents – May 1, 2019

# Agenda:

- Asphalt Rejuvenation - The Technology
- Asphalt Rejuvenation – The Expected Benefits
- Kenmure Project Plan, Schedule and Communications
- What we need from Residents, Contractors and Visitors
- Questions and Answers

Note = This project will disrupt our daily lives for approx. 3 weeks!!

# Asphalt Rejuvenation – The Technology

- Shift to Asphalt Preservation vs. 100% Patch/Overlay
- #1 Cause of Asphalt Degradation = UV Oxidation
- Asphalt Rejuvenators = Mix of Soy and Pine based oils + Asphaltenes.
- Applied with spray equipment → Penetrate the surface and restores surface flexibility.
- Preserves Roads in Good Condition but Can't Repair Roads in Poor Condition.
- Majority of Kenmure Roads = Good Condition

# Asphalt Rejuvenation - Benefits

- Benchmark Visits and Reference Calls
- Universal feedback ++++++
- Improved Overall Road Condition
- Reduced Long Term (10 to 20 Year) Cost by 15 to 20%
- Built Comparative Model for Kenmure (20 Year Costs):
  - Current Road Maintenance Model \$4.12 Million
  - Asphalt Rejuvenation Preservation Model \$3.45 Million

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Savings

\$0.67 Million (16%)

# Kenmure Project Plan:

- Contract Signed with “Total Asphalt”
- Complete 2019 Patching/Paving with Trace and Company
- Select Crack Sealing
- Re-stripe All Roads (New Dimensions)
- Total Cost Approx. \$0.5 Million (funded from existing reserves)
- Verification Testing at 6 Weeks and 4 Years
- Repeat after 5 to 6 Years

# Kenmure Project Schedule:

- Sunday May 12 - Staging
- Monday May 13 - Application Starts (Tarnhill to Barclay Phase 1)
- Daily (Phased) Schedule of what roads each day (7:30 – 8:00 AM Start)
- Monday – Saturday Schedule
- No work Memorial Day Weekend (Friday May 24 – Tuesday May 28)
- Complete Rejuvenator Application in Early June
- Three (3) Hour Dry Time - Roads will be closed to traffic!!!
- Wet Black rejuvenator tracking off onto cars, driveways = owner responsibility!
- Weather delays = Move That Day's Schedule to the next open day.
- Early Maybin trash pick-up on roads being treated on Mondays.

# Kenmure Project Communications:

- E-mail:
  - Daily Phase Schedule
  - Supporting Color Coded Map
- Phone Message will go to residents a few days prior to start.
- E-mail updates for Issues or Weather Related Reschedules
- Treatment schedule will be available/posted at front gate.

# What We Need from Residents etc.

- Communicate with Neighbors
- Plan ahead – Stay Home or Go Out for the Day
- Pre-determine Alternate Routes
- No Right of Way Mowing/Lawn Work on Treatment Days.
- Respect Road Closed Markers
- Stay Off Treated Areas Until Roads Are Dry & Reopened
- Be Cautious and Safety Conscious Throughout Project
- No Rain Dances!

Note = Emergency Access Will Be Maintained At All Times



Questions/Suggestions?