

# FENWICK S&D ANNUAL MEETING SEPTEMBER 23<sup>rd</sup>, 2010

Curtis LeMay, President  
Bob Edwards, Vice President  
Virginia Aguilar, Treasurer  
M.T. Berry, Secretary  
Margaret Little, Member  
Jim Boughman, Member  
Debi Franklin, Elected Official

# FENWICK S&D ANNUAL MEETING 2010

- ▶ Introduction of Board Members & Business Manager(s)
- ▶ Quorum Count
- ▶ Introduction of Candidates
  - ✓ Jenny Carney, Margaret Little, Jim Boughman

# CALL FOR VOTE ON DISCRETIONARY (OPTIONAL) ITEM

- ▶ Allow voting on-line

## TREASURER'S REPORT

- ▶ 2010 BUDGET REVIEW (NON-DISCRETIONARY)
- ▶ 2011 DUES: \$305.00
  - \$148 Feb 11<sup>th</sup>, 2011
  - \$157 Jul 1<sup>st</sup>, 2011

# FENWICK S&D 2011 FUNDS REQUIRED

|                         |                 |
|-------------------------|-----------------|
| ADMINISTRATIVE EXPENSES | \$ 7,800.00     |
| GATES                   | 10,300.00       |
| STREET/CURB REPAIRS     | 1,500.00        |
| UTILITIES               | <u>5,500.00</u> |

NON-DISCRETIONARY TOTAL      \$25,100.00

$$\$25,100 / 170 = \$147.65$$

# ADMINISTRATIVE COSTS

|                 | 2010<br>BUDGETED | Jan-Aug<br>ACTUAL | 2011<br>BUDGETED |
|-----------------|------------------|-------------------|------------------|
| INSURANCE       | \$3,000.00       | \$2,809.00        | \$3,000          |
| MGMT FEES       | \$3,000.00       | \$1,350.00*       | \$3,000          |
| WEBSITE         | \$ 180.00        | \$ 179.76         | \$ 300           |
| TAXES/LEGAL     | \$ 200.00        | \$ 205.08         | \$ 200           |
| OFFICE SUPPLIES | \$ 300.00        | \$ 0              | \$ 600           |
| PRINT/STAMPS    | \$ <u>400.00</u> | \$ <u>136.25</u>  | \$ <u>700</u>    |
| TOTAL           | \$7,080.00       | \$4,680.12        | \$7,800          |

\*Mgmt fees paid thru June @ \$225 per month

# GATE MAINTENANCE/OPER COSTS

|                 | 2010<br><u>BUDGETED</u> | JAN–AUG<br><u>ACTUAL</u> | 2011<br><u>BUDGETED</u> |
|-----------------|-------------------------|--------------------------|-------------------------|
| ▶ REPAIRS/OPER  | \$3,000.00              | \$ 804.09                | \$4,000.00              |
| ▶ PROGRAMMING   | \$1,200.00              | \$1,200.00               | \$1,500.00              |
| ▶ GATE REMOTES  | \$1,250.00              | \$ 749.70                | \$1,250.00              |
| ▶ ROLLING CODES | <u>\$ 300.00</u>        | <u>\$ 0.00</u>           | <u>\$ 150.00</u>        |
| ▶ TOTAL         | \$5,750.00              | \$2,128.07               | \$6,900.00              |

## ▶ RESERVES

- PAINTING GATES
- GATE MAINTENANCE

\$ 400.00

\$3,000.00

\$3,400.00

TOTAL

\$10,300.00

# STREETS / CURBS

|               | <b>2010<br/><u>BUDGETED</u></b> | <b>JAN-AUG<br/><u>ACTUAL</u></b> | <b>2011<br/><u>BUDGETED</u></b> |
|---------------|---------------------------------|----------------------------------|---------------------------------|
| ▶ CURB REPAIR | \$1,500.00                      | \$ 0                             | \$1,500.00                      |

# UTILITIES

|                   | 2010<br><u>BUDGETED</u> | JAN-AUG<br><u>ACTUAL</u> | 2011<br><u>BUDGETED</u> |
|-------------------|-------------------------|--------------------------|-------------------------|
| TELEPHONES (GATE) | \$1,500.00              | \$ 941.35                | \$2,000.00              |
| ELECTRIC (GATE)   | \$3,500.00              | \$1,667.67               | \$3,500.00              |
| <b>TOTAL</b>      | <b>\$5,000.00</b>       |                          | <b>\$5,500.00</b>       |

# RESERVES – SPECIAL ASSESSMENT STREETS

- ▶ 2011      \$26,690      CRACK FILL – JOINT SEPARATION – SECONDARY STREETS
- ▶ 2012      \$26,690      RESERVE – Mill & Overlay
- ▶ 2013      \$26,690      RESERVE – Mill & Overlay
- ▶ 2014      \$26,690      RESERVE – Mill & Overlay

# Fenwick S&D Street Maintenance Report

ANNUAL MEETING

SEPT 23<sup>RD</sup>, 2010

# OVERVIEW

- MAINTENANCE/REPAIR HISTORY
- BASIC EVALUATION
- TYPES OF DISTRESS
- APPROACH FOR FUTURE  
SUSTAINMENT

# MAINTENANCE/REPAIR HISTORY

- Crack fill and seal coat project June 2007; \$20,178.60
- Bradbury & Thorton repaired 2007; \$3,040
- Began reserve fund \$8,750 per year for future repairs (2008-2010 \$26,250)
- Asphalt repairs @ Fenwick Blvd gate Apr 08, \$648
- Area to the west of above repair, Apr 08; \$729
- Crack fill maintenance (no charge); 2008
- Crack fill maintenance (no charge); Dec 09
- Crack fill maintenance 2010 – company non-responsive
- Letter from attorney to vendor Apr 20<sup>th</sup>, 10; \$120.44
  - Voted to not proceed with legal action; industry standard met
  - Filed complaint with OAPA Jun 16<sup>th</sup>, 10
- Spent from June-July waiting for OAPA Board member evaluation
  - Recommended we consult with Atlas – the original company
  - Atlas not bidding subdivisions
- Bids taken & evaluated
- Signed contract with Connelly Paving Aug 30<sup>th</sup>, 10; \$33,695.95

# Basic Evaluation

- Visual Survey
  - Types of distress
- Structural Assessment
  - No structural improvement required
- Drainage Evaluation
  - No changes are needed
- Discussion with Maintenance Personnel

# Visual Survey

- Part of a good Pavement Management System.
- Get good, current project-specific data
- Need to know:
  - Type of distress
  - Extent
  - Severity
- Fenwick S&D Board members and the Franklins walked and assessed the site areas Sat, Aug 14<sup>th</sup> Voted to focus on NW 168<sup>th</sup>
  - Bob Edwards made the motion; Curtis LeMay 2<sup>nd</sup>; and Margaret Little & Virginia Aguilar were in favor.



# Types of Distress

- Raveling
- Transverse Cracking
- Alligator Cracking

# Raveling



# Raveling – Halbroke & NW 168<sup>th</sup> (middle of all 4 intersections)



# Transverse Cracking



# Transverse Cracking – Fenwick



# Alligator (Fatigue) Cracking



Temporary Fix for Minor Distress

# Alligatoring @ Bradbury & NW 168<sup>th</sup> (cut out and patch)



# BECOMING EDUCATED

- Vendors narrowed down by OAPA from 28 to ~4
  - Rudy Construction – referred us to Tom Gorman
  - Gorman walked the area Sat, June 5<sup>th</sup>; not very interested
  - No return call from Damon Markwell
  - Fuller Paving walked the area June 5<sup>th</sup>; took measurements June 6<sup>th</sup>; submitted bid June 9<sup>th</sup>
  - Jun-Jul visited with OAPA Board member, Terry Bladow
    - ✓ Initially recommended Engineer study (~\$1,200); brought Harry Sparks out from Atlas. Scheduled to meet with Terry @ Board mtg Aug 5<sup>th</sup>, declined to attend at last minute but sent contract template. Harry Sparks agreed to attend mtg but then called the day of the meeting and cancelled – has not returned my calls as of Aug 11<sup>th</sup>.
  - CCMS walked streets verifying measurement and suggested repairs on bids Aug 8th

# BID PROCESS & CONTRACT AWARD

- Expanded repair area, revised bid sheet to focus on NW 168<sup>th</sup> St. and adjacent apexes
- Solicited several other vendors Aug 14<sup>th</sup> – solicitation period closed Aug 20<sup>th</sup>
  - Required at least 1 reference (like kind, <1 year ago)
  - Required they use standard
  - Work to be completed by or before Sept 20<sup>th</sup>
  - Narrowed down to 3 – then checked references & BBB
- Contract awarded to Connelly Paving for \$33,695.95
  - Major patch and repair @ Fenwick Blvd gates \$11,434.50
  - Hot crack fill and seal coat \$11,900.00
  - Replacing loops (4) \$1,761.00 (additional)

# Conclusions

- Thin Overlays for Pavement Preservation
  - Improve Ride Quality
  - Reduce Distresses
  - Maintain Road Geometrics
  - Reduce Noise
  - **Reduce Life Cycle Costs**
  - **Provide Long Lasting Service**
- **Replace before extensive rehab required**
- **MUST SAVE NOW FOR THE FUTURE!**
  - 2011 Crack fill & separation repairs for secondary roads ~\$23K
  - 2012 Seal coat secondary roads ~\$25K (180K sq ft @ .15 per sq ft)
  - 2017 mill & overlay NW 168<sup>th</sup> \$105K (70K sq ft @ \$1.50 per sq ft)
  - **250,000 sq ft x \$1.50 = \$375,000 / 10 yrs / 170 lots = \$220.59**  
**(ACTUAL ANNUAL RESERVE REQUIRED \$37,500)**

# Pavement Life - Mill & Thin Overlay

| Location       | Traffic  | Underlying Pavement | Performance, yrs. |
|----------------|----------|---------------------|-------------------|
| Ohio           | High/Low | Asphalt             | 16                |
|                | Low      | Composite           | 11                |
|                | High     | Composite           | 7                 |
| North Carolina | ----     | Concrete            | 6 – 10            |
| Ontario        | High     | Asphalt             | 8                 |
| Illinois       | Low      | Asphalt             | 7 – 10            |
| New York       | ----     | Asphalt             | 5 – 8             |
| Indiana        | Low      | Asphalt             | 9 – 11            |
| Austria        | High/Low | Asphalt             | $\geq 10$         |
|                | High     | Concrete            | $\geq 8$          |
| Georgia        | Low      | Asphalt             | 10                |

# QUESTIONS?

OPEN Q&A SESSION