

SECTION 13 – CANTERBURY GARDENS AND BONNIE ACRES ROAD AND WATER MAIN IMPROVEMENTS

SOUTHWEST CORNER OF
12 MILE AND GREENFIELD



Presentation Agenda

- Existing Conditions Overview
- Proposed Improvements
- What to Expect During Construction
- Construction Contact Information
- Questions

CANTERBURY
GARDENS AND
BONNIE ACRES
ROAD AND
WATER MAIN
IMPROVEMENTS

CANTERBURY GARDENS AND BONNIE ACRES ROAD AND WATER MAIN IMPROVEMENTS

CURRENT CONDITIONS

Canterbury Gardens

- Curbed Concrete Residential Roadways
 - Conditions Range from Fair to Poor
- Water Main Approaching End of Service Life – 6 Breaks in past 10 years

Bonnie Acres (West)

- Curbed Concrete Residential Roadways
 - Conditions Range from Fair to Good
- Open Shoulder Asphalt Roadways With Ditches
 - Conditions Range from poor to Fair
- Water Main Approaching End of Service Life – 20 breaks in past 10 years

Bonnie Acres (East)

- Curbed Concrete Residential Roadways
 - Conditions Range from Fair to Good
- Open Shoulder Asphalt Roadways With Ditches
 - Conditions Range from poor to Fair
- Water Main Replaced in 2012

Catalpa

- Asphalt Pavement
 - Conditions Rated Poor
- Concrete Pavement (from just west of Marshall to Greenfield)
 - Conditions Rated Poor
- Main approaching End of Service Life



*Catalpa Street
(Full Asphalt Reconstruction and Open Cut Water Main)*



*San Rosa, Wiltshire, Aberdeen, Selkirk, Fairfax, Marshall,
Brentwood
Canterbury Gardens
(Asphalt Pulverization; Open Cut Water Main Installation on
Wiltshire, Aberdeen, Selkirk and a Portion of Everett)*



*Brentwood, Marshall, Fairfax, Everett, Sutherland, Pierce,
Glasgow, Stuart, Red Leaf, Spring Arbor, Redwood, Roseland,
San Rosa, Wiltshire
Canterbury Gardens and Bonnie Acres
(Concrete Patching; Open Cut Water Main)*

EXISTING CONDITIONS

PROJECT OVERVIEW:

LOCATION

- Canterbury Gardens
- Bonnie Acres
- Catalpa Drive

SCOPE

- Spot Concrete
- Asphalt Rehabilitation
- Asphalt Reconstruction
- Water Main Replacement

SCHEDULE

Start	5/2019
Substantial	10/2020
Final	5/2021

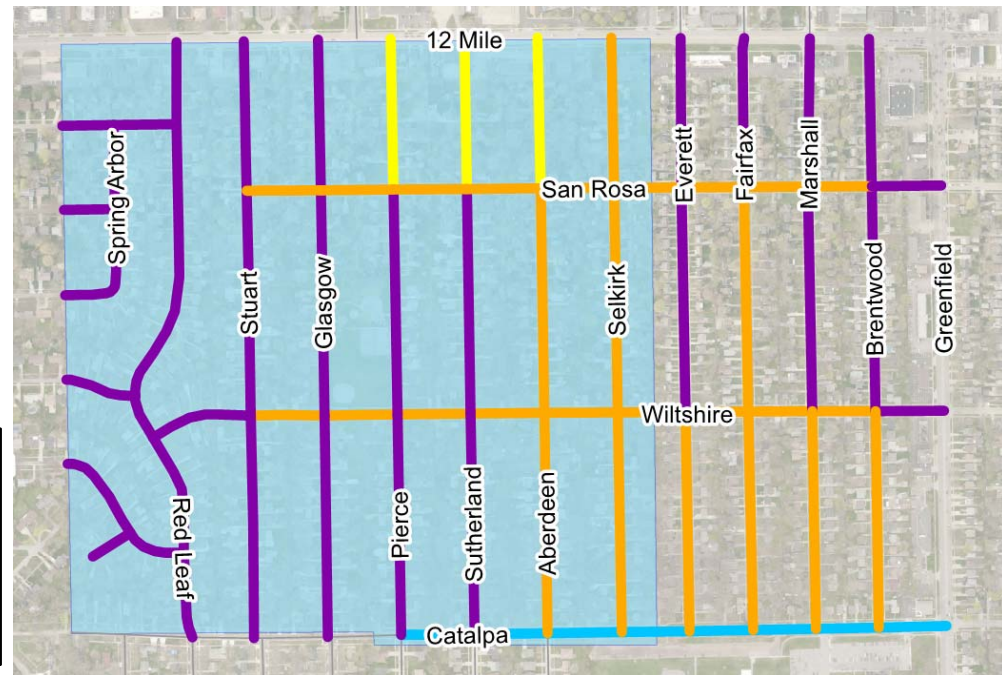
CONST. COST

\$9.5 M

Project Components



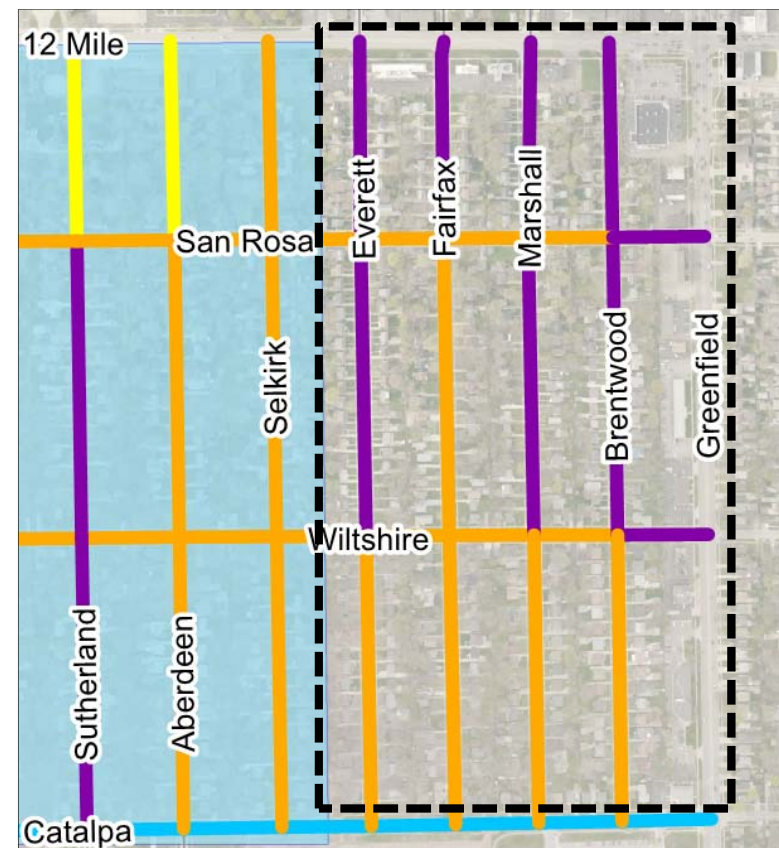
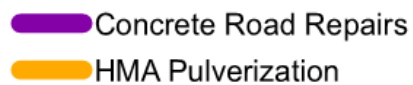
- Concrete Road Repairs
- HMA Pulverization
- HMA Inlay
- Catalpa Road Reconstruction
- Section 13 Watermain Replacement Limits



PROPOSED IMPROVEMENTS – BY AREA

Bonnie Acres (East)

- No Water Main Replacement
 - Water Main Replaced in 2012
- Spot Repair of Concrete
 - Full or partial slab repairs depending on conditions
 - Performed in stages to minimize impacts to residents
- Rehabilitation of Asphalt
 - Via Pulverization and Asphalt Overlay
- ADA ramp upgrades
- Minor drainage improvements
- Restoration of impacted lawns and driveways

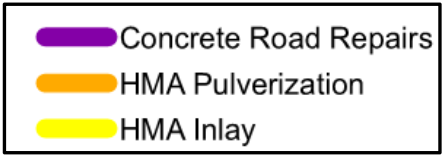


PROPOSED IMPROVEMENTS – BY AREA



Bonnie Acres (West)

- Full Replacement of Water Main
 - Installed Via Open Cut Construction
- Spot Repair of Concrete
 - Full or partial slab repairs depending on conditions
 - Performed in stages to minimize impacts to residents
- Rehabilitation of Asphalt
 - Via Pulverization and Asphalt Overlay
 - Asphalt Inlay
- ADA ramp upgrades
- Minor drainage improvements
- Restoration of impacted lawns and driveways

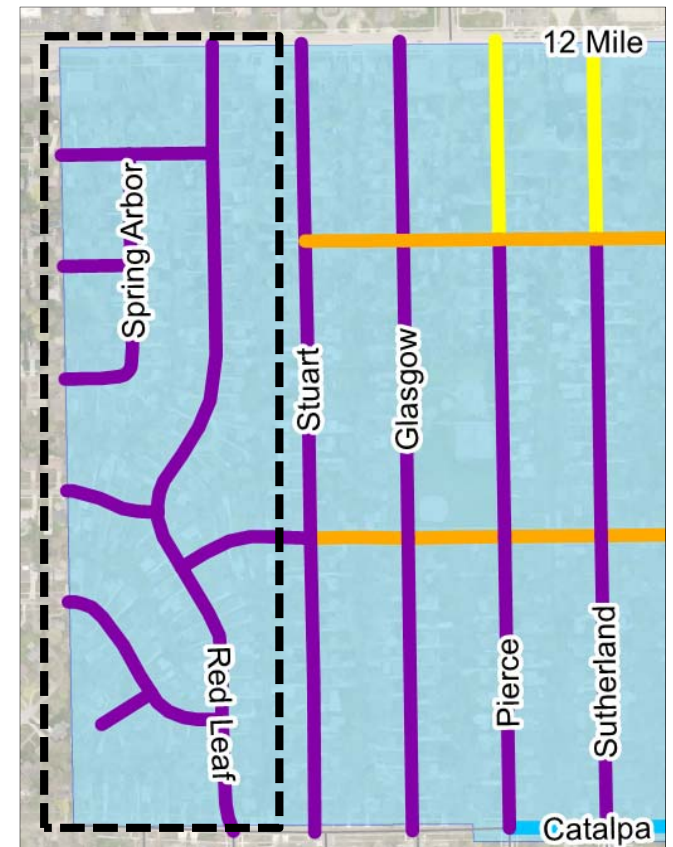


PROPOSED IMPROVEMENTS - BY AREA

Canterbury Gardens

- Full Replacement of Water Main
 - Installed Via Open Cut Construction
- Spot Repair of Concrete
 - Full or partial slab repairs depending on conditions
 - Portions of Full Reconstruction
 - Performed in stages to minimize impacts to residents
- ADA ramp upgrades
- Minor drainage improvements
- Restoration of impacted lawns and driveways

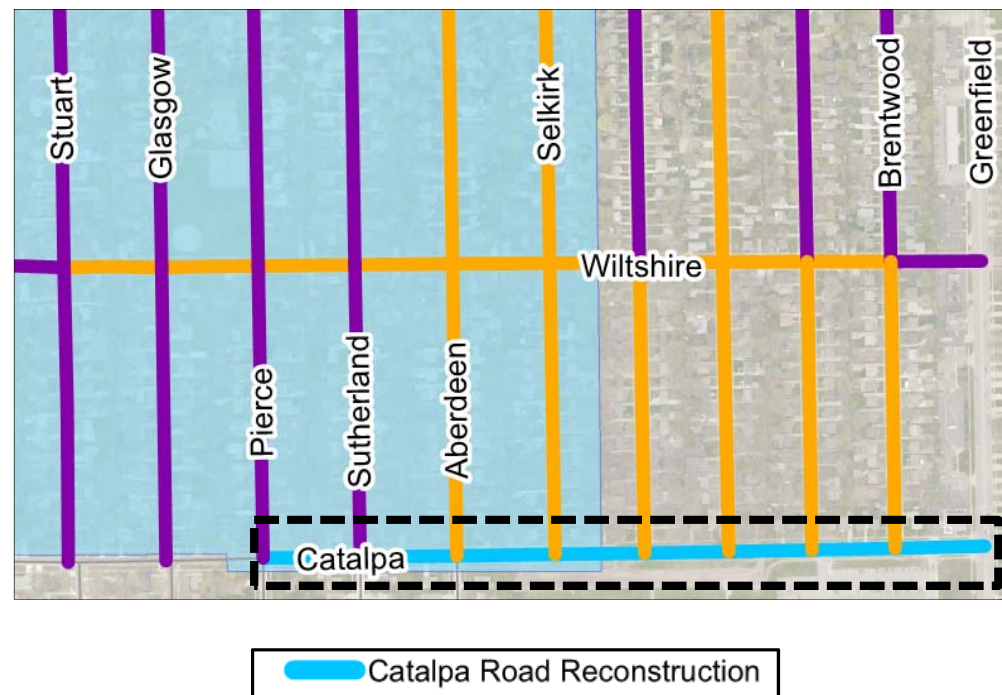
Concrete Road Repairs



PROPOSED IMPROVEMENTS - BY AREA

Catalpa Road Reconstruction/Patching

- Full Replacement of Water Main (Pierce to Everett)
 - Installed Via Open Cut Construction
- Full Asphalt Reconstruction
 - Pierce to 100' west of Marshall
 - Maintain Open Shoulder Drainage
- Spot Repair of Concrete
 - 100' west of Marshall to Greenfield
 - Full or partial slab repairs depending on conditions
 - Performed in stages to minimize impacts to residents
- ADA ramp upgrades
- Major drainage improvements
 - New Ditches, Catch Basins and Storm Sewer
- Restoration of impacted lawns and driveways



WHAT TO EXPECT IN YOUR NEIGHBORHOOD



Water Service Interruptions

Water may be interrupted when new main is connected and water services are changed over. Advanced notice will be provided with written notice.

Unanticipated Interruptions may occur in the event of breaks.



Road Work and Access

Local traffic will be maintained at all times. From time to time, there may be traffic delays within neighborhood streets depending on contractor operations.

Winter water main installation will occur during this project; Affected driveways will be temporarily filled in with aggregate or cold patch to maintain access.



Driveway Closures

Driveway replacement will require at least 2 week closures. Temporary parking will be permitted in the street or in adjacent driveways if arranged.



OPEN CUT WATER MAIN INSTALLATION OVERVIEW

OTHER QUESTIONS



Trees

Minimal tree removal is planned for the project. However, if it is determined that a tree must be removed for the water main work, green tape will be placed on the trunk.



Mail Service

Mail service will be maintained with minimal interruption.



Trash

Provisions will be made to maintain trash pickup throughout construction.



School Busses

School bus routes may be modified during construction. Any rerouting and bus stop changes will be communicated by the school district.



Landscape Restoration

All lawn areas will be restored after construction has been completed. We request that any landscaping, plantings and irrigation is removed from the public right of way if possible.

CONTACT INFORMATION



PROJECT ENGINEER
(Main Contact for all questions
and project inquiries)

OHM Advisors, Inc. (OHM)
34000 Plymouth Road
Livonia MI 48150
• Cara Parks, Construction
Engineer – 734.466.4420



CONTRACTOR

DiPonio Contracting Inc.
51173 Simone Industrial Dr.
Shelby Township, 48316



CITY OF SOUTHFIELD

Leigh Schultz, City Engineer –
248-796-4810
lschultz@cityofsouthfield.com
Water Department –
248-796-4850