



VILLAGE OF DOWNERS GROVE
Stormwater and Flood Plain Oversight Committee Meeting
December 8, 2016, 7:00 p.m.

Downers Grove Public Works Facility
5101 Walnut Avenue, Downers Grove, Illinois

I. CALL to ORDER

Chair Gorman called the meeting to order at 7:02 p.m. A roll call followed, and a quorum was established.

II. ROLL CALL

Members Present: Chair Gorman, Mr. Crilly, Mr. Ruyle, Mr. Wicklander

Members Absent: Mr. Scacco, Mr. Civito, Mr. Schoenberg

Staff Present: Julie Lomax, Stormwater Administrator
Kerry Behr, Stormwater Administrator

Public Present: none

III. APPROVAL of July 20, 2016 Minutes

Mr. Ruyle made a motion, seconded by Mr. Crilly, to approve the August 11, 2016, minutes.
Motion carried by a voice vote 4-0.

IV. PUBLIC COMMENTS

None

V. NEW BUSINESS

None

VI. STAFF REPORT

- Stormwater Utility Referendum – Staff gave an overview of the recent Stormwater Utility (SWU) Referendum. Leading up to the referendum Village staff prepared short video clips and used various social media outlets to educate the residents on the SWU fee and the difference between charging residents with the SWU versus the tax bill. Chair Gorman commented that most people who voted in the election voted on the referendum (instead of leaving it blank), which would indicate most people understood the issue. Mr. Ruyle complemented the Village on the education and outreach. The videos and other information were very well done and he heard many conversations, especially about the posts on nextdoor.com.

- East Branch DuPage River / St. Joseph Creek Watershed Study – Staff gave a brief overview of the watershed study completed by the County for the East Branch of the DuPage River, and its tributaries, which includes St. Joseph Creek. The watershed study identifies causes of impairment and sources of pollution, as well as identifying projects to improve the river and its tributaries. In the study, St. Joseph Creek is listed as impaired. This reinforces the Village’s need to improve St. Joseph Creek and also provides grant funding opportunities.
- Review of 2016 Stormwater Projects – Staff reviewed the stormwater-related projects from 2016. Attached is a copy of the presentation. Mr. Ruyle suggested the Village obtain statements from some of the homeowners along the Lacey Creek Stabilization project. Mr. Ruyle suggested we provide a cost comparison of the permeable sidewalk squares and typical sidewalk construction. Staff would like to see how the permeable sidewalks perform, then look into the cost comparison. Mr. Ruyle suggested the Village “advertise” the Stormwater Projects similar to the SWU information.
- Proposed Stormwater Projects for 2017 – Staff also reviewed some stormwater-related projects proposed for 2017. Attached is a copy of the presentation.
- At the Municipal Engineer’s Group (MEG) meeting at the County earlier that day, the County presented “Upcoming Updates in Precipitation.” The Illinois State Water Survey (ISWS) plans to update Bulletin 70 – the information used for precipitation data when performing stormwater calculations. The revision is anticipated to be complete in early 2018. Based on preliminary models (and information from a study done in Cook County), while all storms have higher rainfall amounts, the more frequent storms have the most increase. The Cook County report (“Communicating the Impacts of Potential Future Climate Change on the Expected Frequency of Extreme Rainfall Events in Cook County, Illinois”) is available in the ISWS website (www.isws.illinois.edu). Chair Gorman suggested staff considering incorporating some of the precipitation changes into the LPDA studies currently in progress.

VII. OLD BUSINESS

- Updated on Proposed Stormwater Code Changes – Staff provided answers to questions raised in the August 11, 2016 meeting.
- Mr. Ruyle requested an update on the Hearing in July regarding 5117 Brookbank. Staff update: The Village and Mr. Shaw have not been able to reach an agreement, as recommended by the Committee. The Village gave Mr. Shaw time to comply with the Notice of Violation. Mr. Shaw did not provide the required information, so the Code Compliance Officer began issuing tickets (issued daily, written weekly). Mr. Shaw met with an engineer who contacted Staff to verify requirements. To date, nothing has been submitted.

The meeting dates were set for 2017: 1/12, 2/9, 3/9, 4/13, 5/11, 6/8, 7/13, 8/10, 9/14, 10/12, 11/9, and 12/14.

Mr. Wicklander made a motion, seconded by Mr. Crilly to adjourn the meeting at 8:26 p.m.
Motion carried by voice vote of 4-0.

**SWFPOC:
2016 Stormwater Projects
2017 Proposed Stormwater Project**

December 8, 2016



Overview of 2016 Stormwater Projects



St. Joseph Creek South



St. Joseph Creek South – DuPage County

6.2.3.2 *St. Joseph Creek in Downers Grove and Westmont*

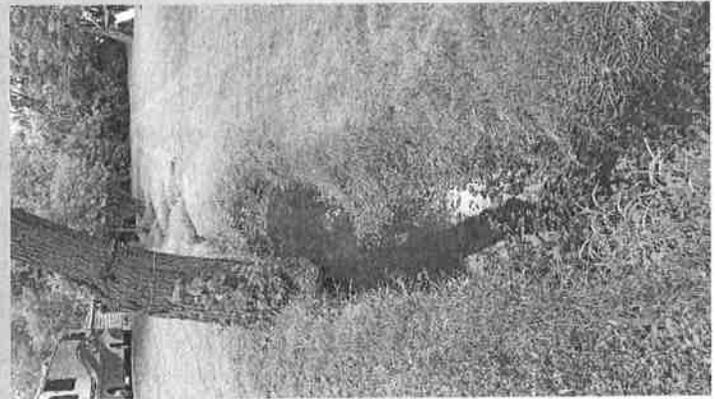
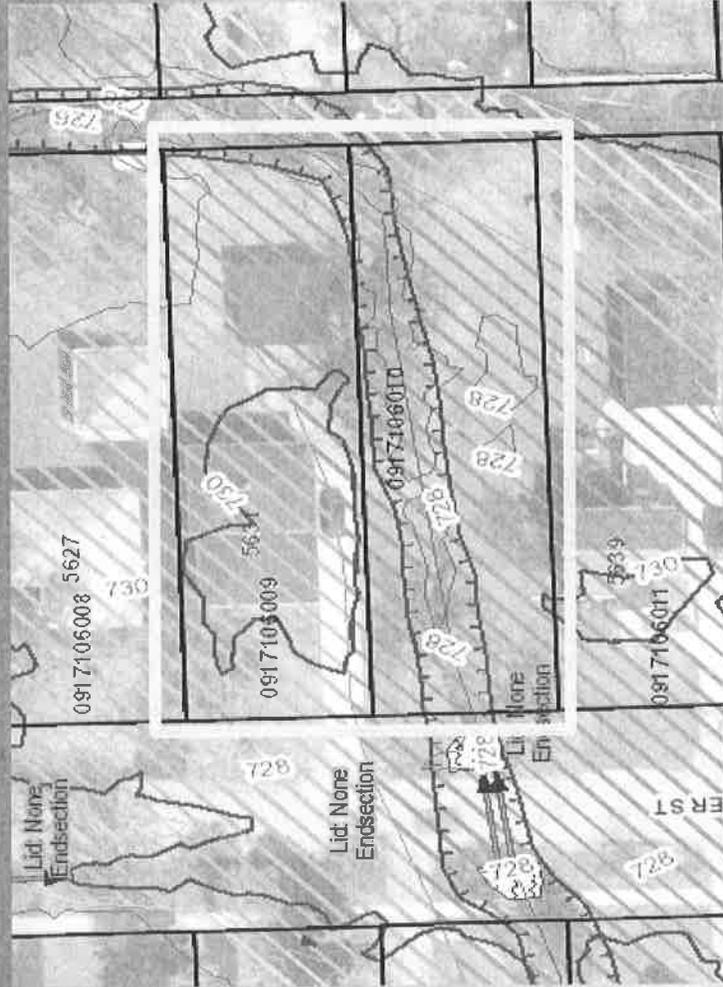
St. Joseph Creek has been a source of flooding including overbank flooding, restrictive bridges/culverts, storage facility overtopping, high groundwater, road closures, depressional areas, inadequate stormwater infrastructure and other nuisance flooding. The Villages of Downers Grove and Westmont have been proactive in studying existing flood issues and documenting them through a variety of reports, watershed plans, flood control plans, and project prioritization plans. Damages from flooding in these areas include home, business and property damage as well as road closures. In addition, many areas are in need of significant stormwater infrastructure improvements and retrofits to improve inadequate stormwater conveyance and provide safe passage of overland flood waters during large storm events. The various reports and plans documenting the existing stormwater issues and in some cases, potential improvement opportunities, are provided in the references section and are available on the Village's website or in their offices.



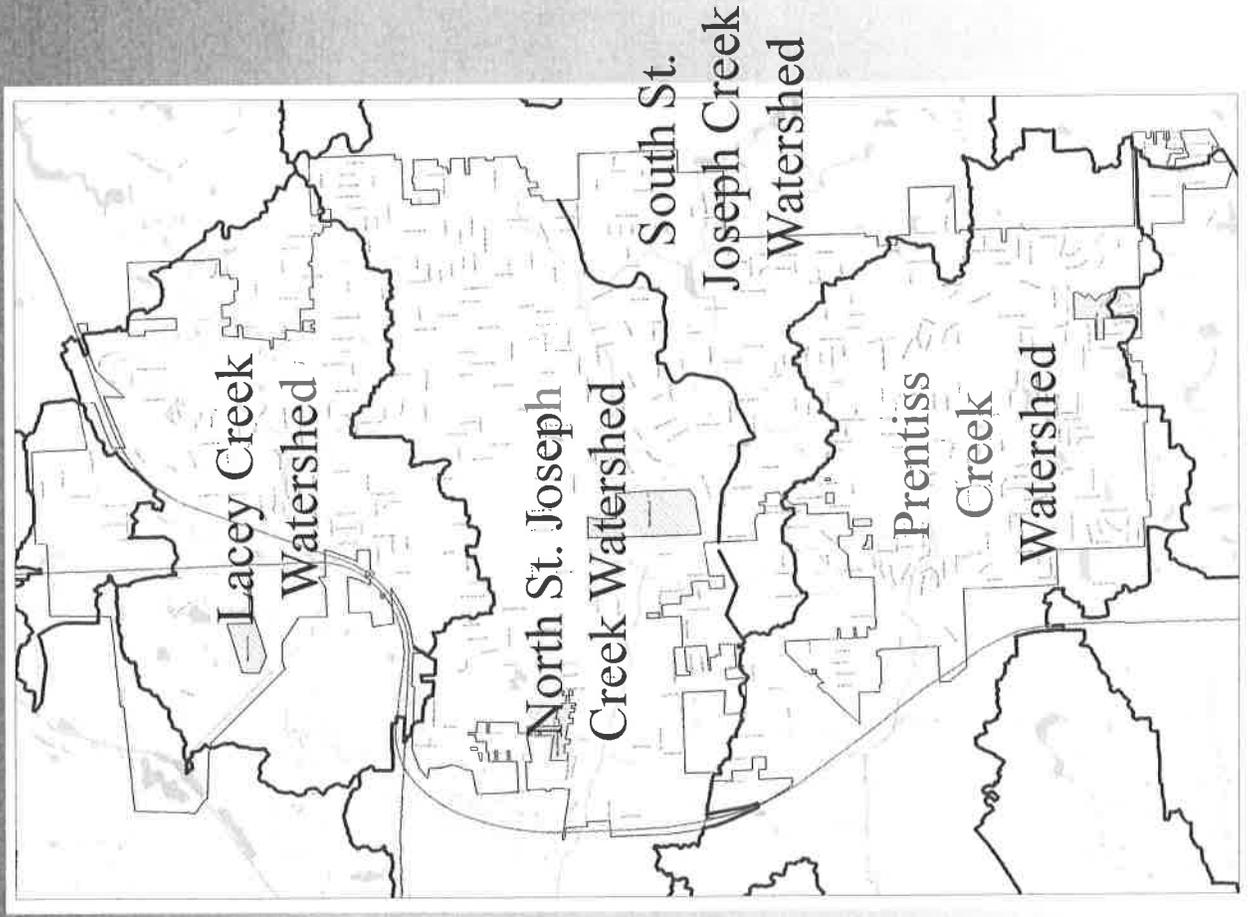
Restoration after demolition:
5634 Webster, 5638 Webster, 5317 Grand



Purchase of 5631 Webster



Awarded contracts to review/update LPDAs



Awarded Stormwater Study Burlington West



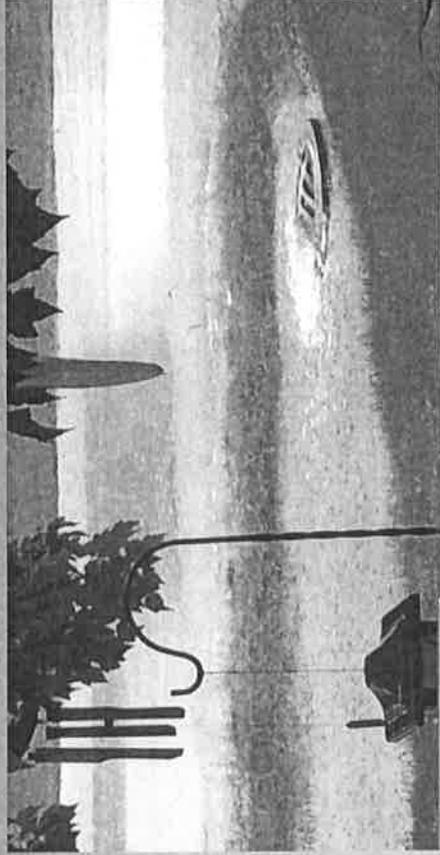
Awarded Engineering Design



Francisco at Burlington



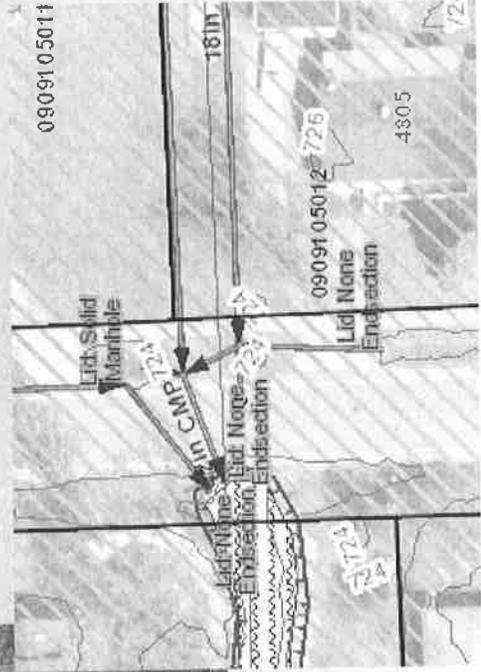
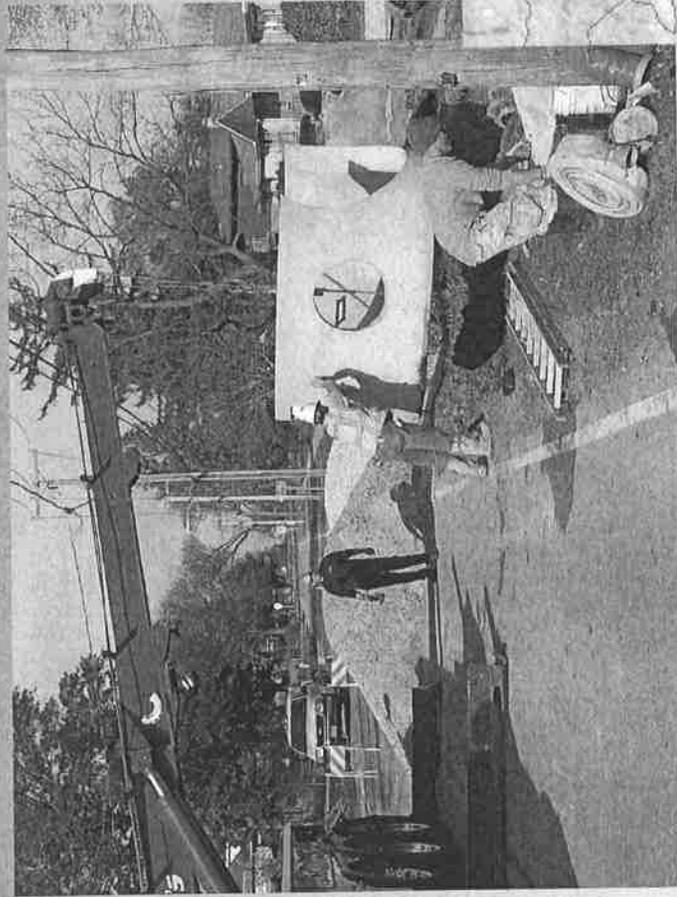
Awarded Engineering Design



Chase at Burlington



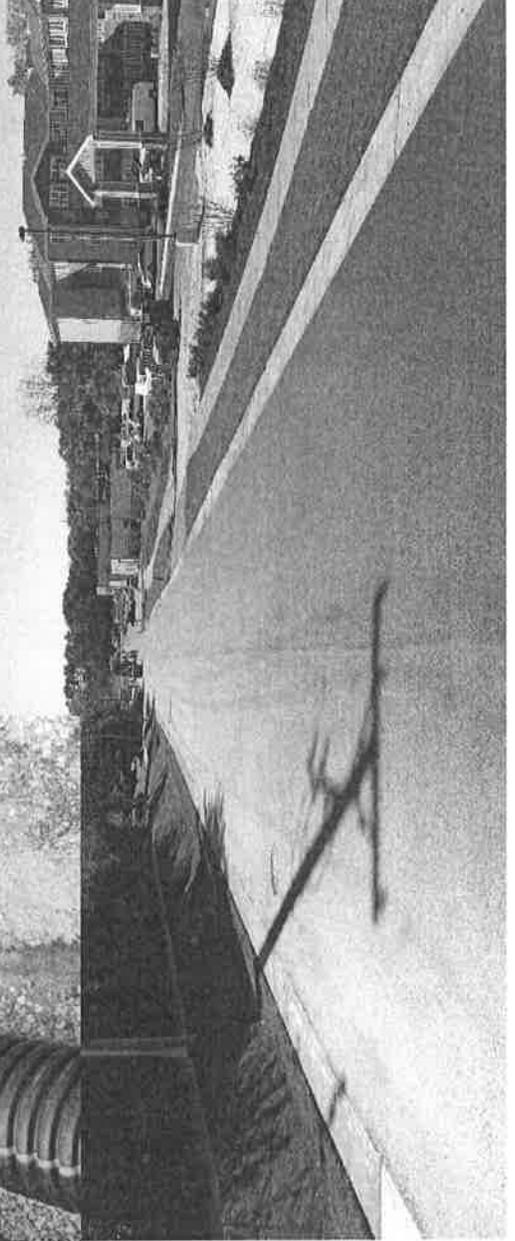
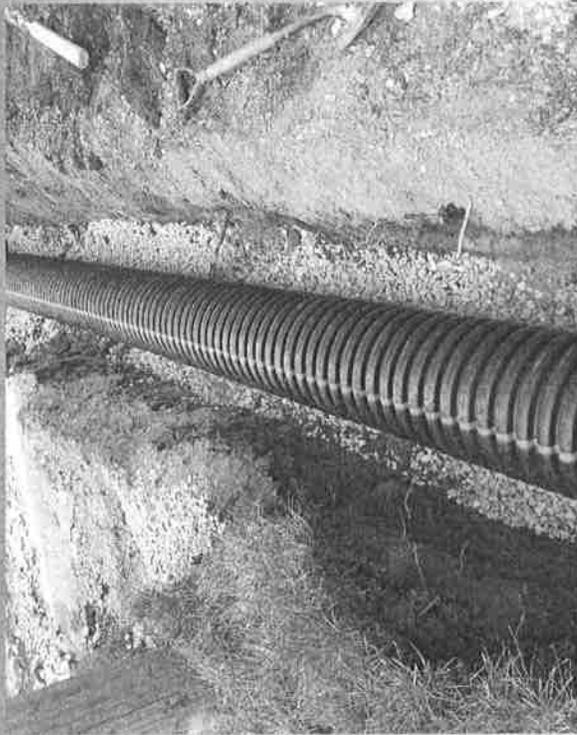
Cumnor north of Maple



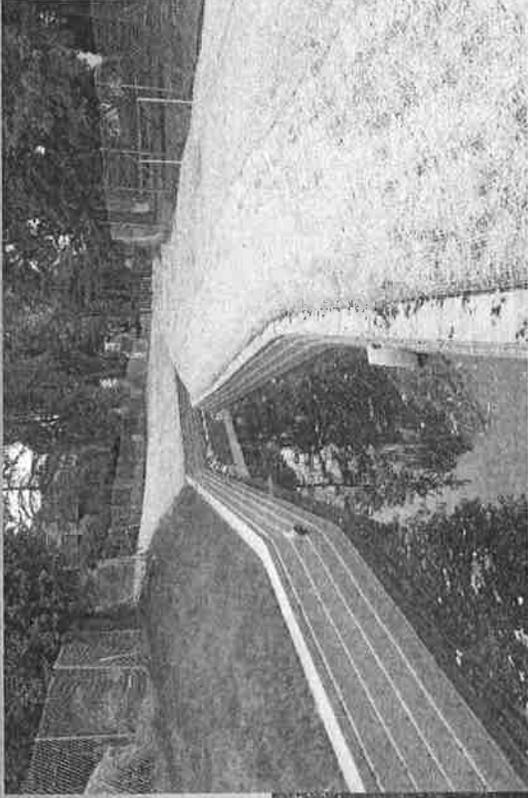
Replace manhole and storm sewer



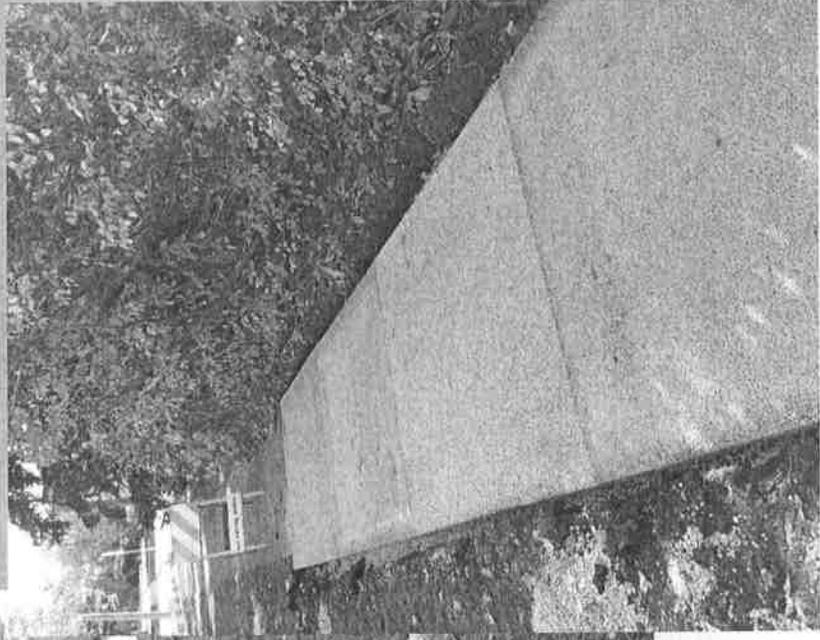
Lacey Road Widening and Storm Sewer



Lacey Creek Streambank Stabilization



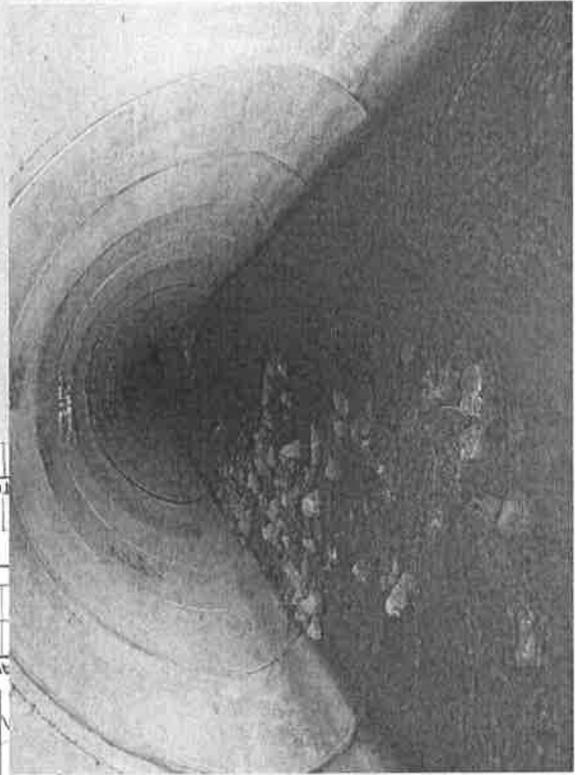
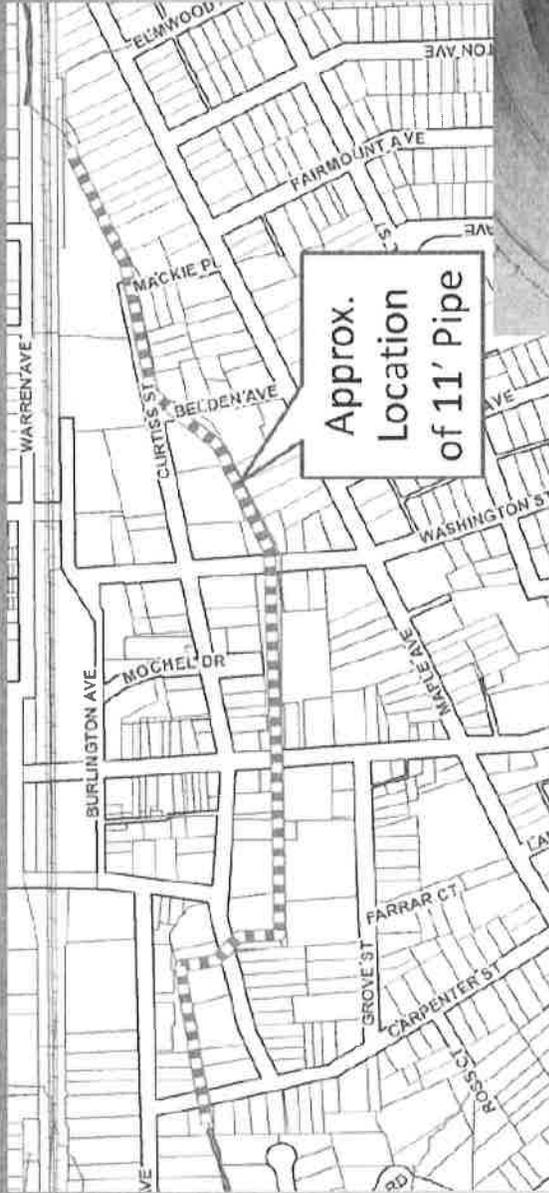
Permeable Sidewalk Panels



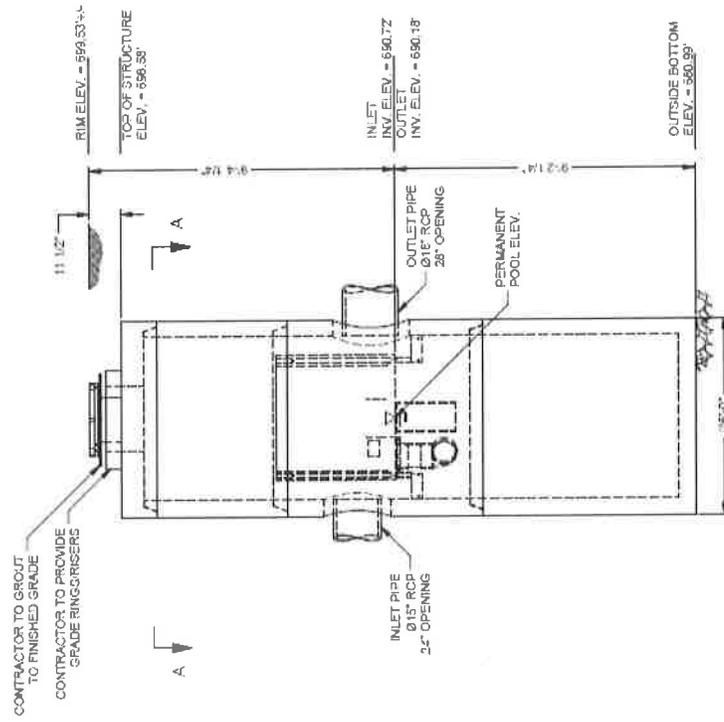
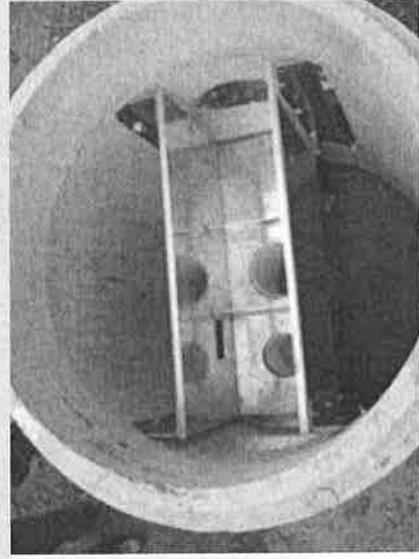
Clyde Estates Bio-swales



Assessment of 11' pipe (St. Joseph Creek)



Contech VortSentry in PW Parking Lot



ELEVATION VIEW



Maintenance – Ditching and Storm Sewers



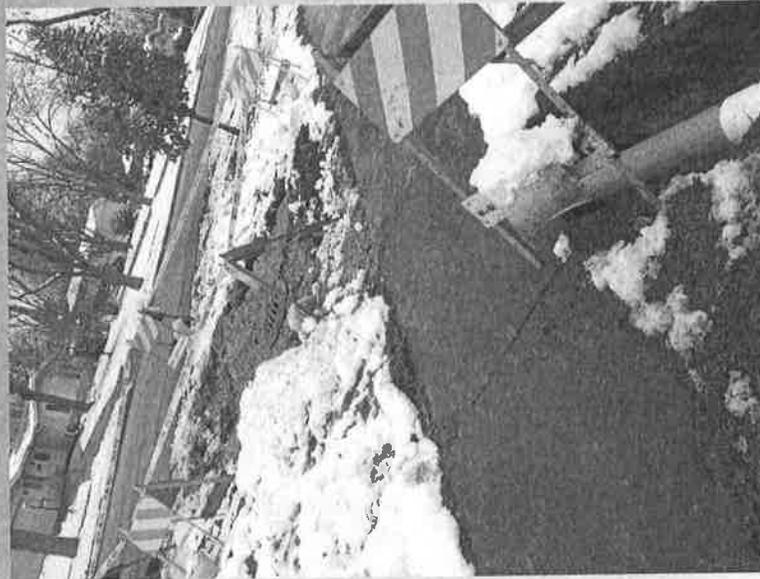
- Approximately 7,500-feet of re-ditching
- Approximately 18,700 feet of storm sewers cleaned
- Street Sweeping

Cost Share Projects

- 13 cost shares
- Typically vary between \$1,500 and \$6,000 for Village reimbursement
- Involve from 2 to 4 houses.



Cost Share, Continued



Overview of 2017 Proposed Stormwater Projects



Proposed Stormwater Projects for 2017

- Francisco Construction
- Chase Construction
- Design St. Joseph Creek South
- Replace the Headwall (St. Joseph Creek at Gilbert east of Brookbank)
- Replace outlet pipe for Valley View Pond



Proposed Stormwater Projects for 2017

- Replace Culvert at Meadow Lane (near Brookbank)
- St. Joseph Creek stabilization design/engineering



Proposed Stormwater Projects for 2017

- 2014 Stormwater Report Projects
 - Black Oak and Candlewood
 - Downers Drive/Virginia/40th/Bellaire
 - Elm and Earlston
 - Highland Court
 - South of Prairie between Forest and Prince
 - Linden
 - Hitchcock
 - Middaugh and Jefferson
 - West side of Lyman (Kenyon to Blanchard)



Proposed Stormwater Projects for 2017

- 2014 Stormwater Report Projects (cont.)
 - Hobson Triangle
 - St Joseph – Hummer Park to railroad
 - Deer Creek

