

# Joylynn Drive and Douglas Trail Assessment District-2010

Pflaum Road to Tompkins Drive

Joylynn Drive to Herro Lane

## Turner Drive Sidewalk

## Assessment District-2010

Pflaum Road to 200' North

# Outline

- Existing Conditions
- Proposed Improvements
- Construction
- Assessment Policy
- Questions

# Existing Conditions

- Street

Item	Value
Last Surfaced	1958
Pavement Rating	5
Curb Rating	0
Width	32' (Pflaum to Tompkins) 31' (Joylynnne to Herro)

# Existing Conditions

- Utilities

Water	Installed 1950 to T/B1Gr 6" SPCI_UL
Sanitary Sewer	Installed 1955 by T/B1Gr 8" VP main
Storm Sewer	Installed 1925-1962 24" RCP in rear yard E of Joylyne N of Douglas 36" CMP in rear yard E of Joylyne S of Douglas 36" CMP on Douglas

# Proposed Improvements

- Street
  - Install concrete curb & gutter and new pavement
  - Install sidewalk on both sides of Joylynne from Pflaum to Douglas and on east side of Joylynne from Douglas to Tompkins
  - Install sidewalk, on Turner Ave, from Pflaum to bus stop
  - Replace rural type roadway with urban roadway
- Water
  - Replace main w/ 8” Ductile Iron
  - Replace services and curb stops, relocate curb stops within ROW and not on private property.

# Proposed Improvements

- Sanitary Sewer
  - Spot repairs
  - Lateral replacement if requested by property owner
- Storm Sewer
  - Extend 24” pipe, installed on Camden Rd in 2010, along Pflaum Rd to Joylynn Drive. Upsize to 36” between Maher and Joylynn on Pflaum
  - Continue down Joylynn, upsize 36” to 42” between Pflaum & Douglas
  - Install 36”-48” on Douglas between Herro and Joylynn

# Proposed Improvements

- Extend 12” on Douglas, from Joylynne/Douglas to East to pick up existing backyard pipe between Joylynne & Maher
- Install 60”, on Joylynne, from Douglas to Tompkins, connecting to 60” pipe at Joylynne/Tompkins in 2002.
- Leave backyard storm in place, but will take only flow from private connections.

# What storm runoff problems does this project help address?



- o Flooding at Camden/Linda Vista
- o Flooding at Douglas/Herro
- o Deteriorating CMP backyard storm sewer between Joylynn & Maher
- o Erosion at pavement edges



# Flooding at Camden/Linda Vista



# Camden/Linda Vista



- o Existing outlet to Stoughton Road (behind Farm & Fleet) inadequate capacity, silts in, difficult access.
- o Looked at whole neighborhood in '90's, decided to bring flow to the south. 60" pipe stubbed at south end of Joylynn for future connection.
- o Last year's Camden project stubbed pipe at Camden/Pflaum, but need to build "the missing link"

# Flooding at Douglas/Herro





# Flooding at Douglas/Herro



# Flooding at Douglas/Herro



# Douglas/Herro



- o Pictures from 1991
- o This project would allow us to increase capacity of downstream storm sewer system as well as install inlets with greater capacity.
- o Would allow for potential future extension of storm sewer toward the west.



# CMP Backyard Storm Sewer



# Backyard CMP



- o Deteriorating Condition
- o Undersized (36" vs. 60")
- o This project would allow us pick up the flow into this main at Pflaum Road and reroute to street, leaving only very minor flow (1 private connection) in concrete backyard main, and no flow in CMP.





# Construction

- Scheduled to begin late April 2011
  - Expected to last until mid-Summer 2011
- Traffic
  - Pflaum Rd will maintain 2-way traffic
  - Joylynn & Douglas will be open to local traffic
  - Access to driveways will be maintained, as much as possible. Up to 20 days without access to allow for curb, sidewalk and drive apron const.

# Trees

- Limit construction around trees
  - Hand-form curb
  - Work with owners for sanitary lateral locations
- Trees were reviewed, with Forestry, to assess impact of construction on trees.
- 55 existing trees and 1 stump. Anticipate removal of 16 trees and the stump due to construction or existing poor condition.
- Up to 5 trees could be saved but would require a 4-5' PLE from homeowner.

# Assessment Policy

- Owner
  - 100% curb & gutter, sidewalk, aprons
  - Cost equivalent to 4' of roadway
  - Assessment Policy adopted in 2001, reduced property share from 14' of roadway to 4'.
  - Res. 58421 ID No. 29495
  - 25% sanitary lateral, only when replaced in conjunction with street construction or sanitary main replacement.
- City pays all remaining items

# Questions???

