

"Placerville, a Unique Historical Past Forging into a Golden Future"



City Manager's Report

March 24, 2015 City Council Meeting

Prepared by: Katy Reiersen, Associate Civil Engineer

Item #: 12.4

Subject: Adopt Resolution No. _____, a Resolution of the City Council:

1. Declaring the sewer line failures located at Grandview Street and Monica Way an imminent threat to the environment, public health, safety, and welfare; and
2. Approving a Construction Contract with Joe Vicini, Inc. for necessary equipment, services and supplies to make emergency sewer line repairs located on Grandview Street (CIP #41513) and Monica Way (CIP #41512) in an amount not to exceed \$26,500; and
3. Authorizing the City Manager to execute the same; and
4. Approving a budget appropriation in an amount not to exceed \$25,000 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair located on Grandview Street (CIP #41513); and
5. Approving a budget appropriation in an amount not to exceed \$22,200 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair located on Monica Way (CIP #41512).

Discussion:

Over the past year, staff has increased our efforts to reduce or eliminate sanitary sewer spills. Through additional cleaning and diagnostic camera observations, staff has been able to identify problem areas. Through this work City staff, within the Public Works Division and Engineering Division have become aware of a considerable number of sewer line failures located at Main Street, Grandview Street, School Street and Monica Way. Specific to this staff report and addressed herein are the following:

- Grandview Street (Location 2 as shown on Exhibit A, attached herein): The main trunk line located on Grandview Street is the original sewer pipe material, consisting of Orangeburg pipe. Over time, existing vegetation/trees and construction of a shed structure have led to root intrusion, damage and ultimately failure of the pipe. Furthermore, the existing pipe is near its available capacity and is in need of upsizing. City Staff is recommending replacement of approximately 100 linear feet of 4-inch pipe to new 6-inch pipe and a new manhole connection at Grandview Street to rectify the situation.
- Monica Way (Location 4 as shown on Exhibit A, attached herein): The City sewer main located near the intersection of Monica Way and Estey Way installed by a developer in 2005 was identified as having trench failure through camera inspection of the line. This sag in the trunk line will not allow for adequate flow from Monica Way to the connecting City main on Estey Way. Construction work warranty periods have since expired and repair of this line is now the City's responsibility. City Staff is recommending replacement of approximately 35 linear feet of pipe and installation of a new manhole to address maintenance constraints.

Analysis:

The scope of work for each repair is summarized below and it can be seen in more detail on the attached Exhibit A – Location Map(s) for each proposed repair:

- Underground Service Alert (USA) all locations.
- Pothole as necessary at each location to locate all affected utilities.
- Mobilization
- Traffic Control as required
- Excavation, shoring (if required) and backfill
- Protection of existing facilities to remain
- Suitable pipe bedding material
- Repair or replacement of sewer pipe as required
- Connection to all service lines and main lines
- Repair of roadway asphalt, sidewalk, curb and gutter as required per location
- Testing and Surveying

In order to avoid serious spills in these areas and potential threats to the environment, public health, welfare and safety, staff is requesting approval to perform emergency repairs to these areas.

Options:

1. Approve emergency work as recommended.
2. Perform a portion of the work as deemed most critical.
3. Delay the work at this time and consider as part of the CIP budget for the 2015-2016 Fiscal Year.

Cost: The scope of work associated with replacing the existing sewer lines in a timely manner is beyond the City’s Public Works available resources. Given the urgency of this project, Staff requested quotes for all four locations from three local contractors who specialize in this type of work. However, only two quotes were received one from Joe Vicini, Inc. and a second from Wunschel & Sons. The third, Doug Veerkamp General Engineering, declined Staff’s request due to schedule and resource conflicts. The breakdown of quotes received for all locations is as follows:

Construction Bid Summary			
Repair Location	Joe Vicini Inc.	Wunschel & Sons	Notes:
Location 1 - Main Street	\$ 23,000.00	\$ 14,201.00	Use Wunschel & Sons
Location 2 - Grandview Street	\$ 14,400.00	\$ 12,645.00	Use Vicini - project knowledge
Location 3 - School Street	\$ 95,260.00	\$ 65,556.00	Use Wunschel & Sons
Location 4 - Monica Way	\$ 12,100.00	\$ 17,752.00	Use Vicini
Construction Quote Totals:	\$144,760.00	\$ 110,154.00	

In an effort to reduce City costs and expedite the repair at each location, Staff recommends splitting the construction between the two qualified contractors and executing a Construction Contract to Joe Vicini, Inc. in the amount of \$26,500 to make repairs at Grandview Street and Monica Way. (Repairs for Main Street and School Street are addressed in a similar staff report also being presented to the Council.)


Budget Impact: The estimated repair cost for Grandview Street is \$25,000; the estimated repair cost for Monica Way is \$22,200; neither of which were included in the adopted Fiscal Year 2014/2015 CIP Budget. Staff recommends the following project budgets for these emergency repairs:

Project 41513 - Location 2 Grandview Street	<u>Estimated Cost</u>
Construction Bid Price	\$ 14,400.00
25% Construction Contingency	\$ 3,600.00
Underground Service Alert (USA)	\$ 2,000.00
Testing and Surveying	\$ 2,500.00
Staff Time	\$ 2,500.00
Project 41513 Total Cost:	\$ 25,000.00
Project 41512 - Location 4 - Monica Way	<u>Estimated Cost</u>
Construction Bid Price	\$ 12,100.00
25% Construction Contingency	\$ 3,100.00
Underground Service Alert (USA)	\$ 2,000.00
Testing and Surveying	\$ 2,500.00
Staff Time	\$ 2,500.00
Project 41512 Total Cost:	\$ 22,200.00


Staff recommends the City Council approve a budget appropriation in the amount of \$25,000 for the repair at Grandview Street and \$22,200 for the repair on Monica Way from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures.


Recommendation: Adopt a resolution that:

1. Declares the sewer line failures located at Grandview Street and Monica Way an imminent threat to the environment, public health, safety, and welfare; and
2. Approves a Construction Contract with Joe Vicini, Inc. for necessary equipment, services and supplies to make emergency sewer line repairs located on Grandview Street (CIP #41513) and Monica Way (CIP #41512) in the amount of \$26,500; and
3. Authorizing the City Manager to execute the same; and
4. Approving a budget appropriation in an amount not to exceed \$25,000 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair located on Grandview Street (CIP #41513); and
5. Approving a budget appropriation in an amount not to exceed \$22,200 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair located on Monica Way (CIP #41512).


M. Cleve Morris, City Manager


Pierre Rivas, Development Services Director


Dave Warren, Director of Finance


Rebecca Neves, City Engineer

Attachments: Exhibit A – Location Map and specific location maps with associated scope

RESOLUTION NO. _____

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PLACERVILLE
DECLARING THE SEWER LINE FAILURES LOCATED ON GRANDVIEW STREET,
AND MONICA WAY ARE AN IMMINENT THREAT TO THE ENVIRONMENT,
PUBLIC HEALTH, SAFETY AND WELFARE; AND APPROVING A CONSTRUCTION
CONTRACT WITH JOE VICINI, INC. FOR SEWER LINE REPAIRS LOCATED ON
GRANDVIEW STREET (CIP #41513) AND MONICA WAY (CIP #41512) IN AN
AMOUNT NOT TO EXCEED \$26,500; AND APPROVING BUDGET APPROPRIATION
IN THE AMOUNT OF \$25,000 FOR REPAIRS ON GRANDVIEW STREET AND \$22,200
FOR REPAIRS ON MONICA WAY FROM THE SEWER ENTERPRISE FUND
CONTINGENCY FOR UNFORESEEN EXPENDITURES BUDGET**

WHEREAS, as a result of sewer system maintenance with the aid of diagnostic camera observations the sewer lines located at Grandview Street (generally located from 2892 Grandview Street to a point approximately 100 feet east to the connection at 2952 Weswin Court) and Monica Way (located through the intersection of Estey Way) were revealed to have failed; and

WHEREAS, upon identification of these sewer line failures it was determined that the scope of work associated with replacing the existing failed sewer lines in a timely manner was beyond the City's Public Works available resources; and

WHEREAS, City staff requested quotes from three local, qualified specialty contractors and received two quotes in response; and

WHEREAS, it was determined the most effective way to reduce costs and expedite the repair work was to divide the repair locations between the two qualified contractors.

NOW THEREFORE, BE IT RESOLVED, that the City Council of the City of Placerville does hereby:

1. Declare the sewer line failures located at Grandview Street and Monica Way an imminent threat to the environment, public health, safety, and welfare; and
2. Approve a Construction Contract with Joe Vicini, Inc. for necessary equipment, services and supplies to make emergency sewer line repairs located on Grandview Street (CIP #41513) and Monica Way (CIP #41512) in an amount not to exceed \$26,500; and
3. Authorize the City Manager to execute the same; and
4. Approve a budget appropriation in an amount not to exceed \$25,000 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for repairs on Grandview Street (CIP #41513); and
5. Approve a budget appropriation in an amount not to exceed \$22,200 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for repairs on Monica Way (CIP #41512).

The foregoing Resolution was introduced at a regular meeting of the City Council of the City of Placerville held on March 24, 2015 by Councilmember _____ who moved its adoption. The motion was seconded by Councilmember _____. The motion was passed by the following vote:

AYES:

NOES:

ABSENT:

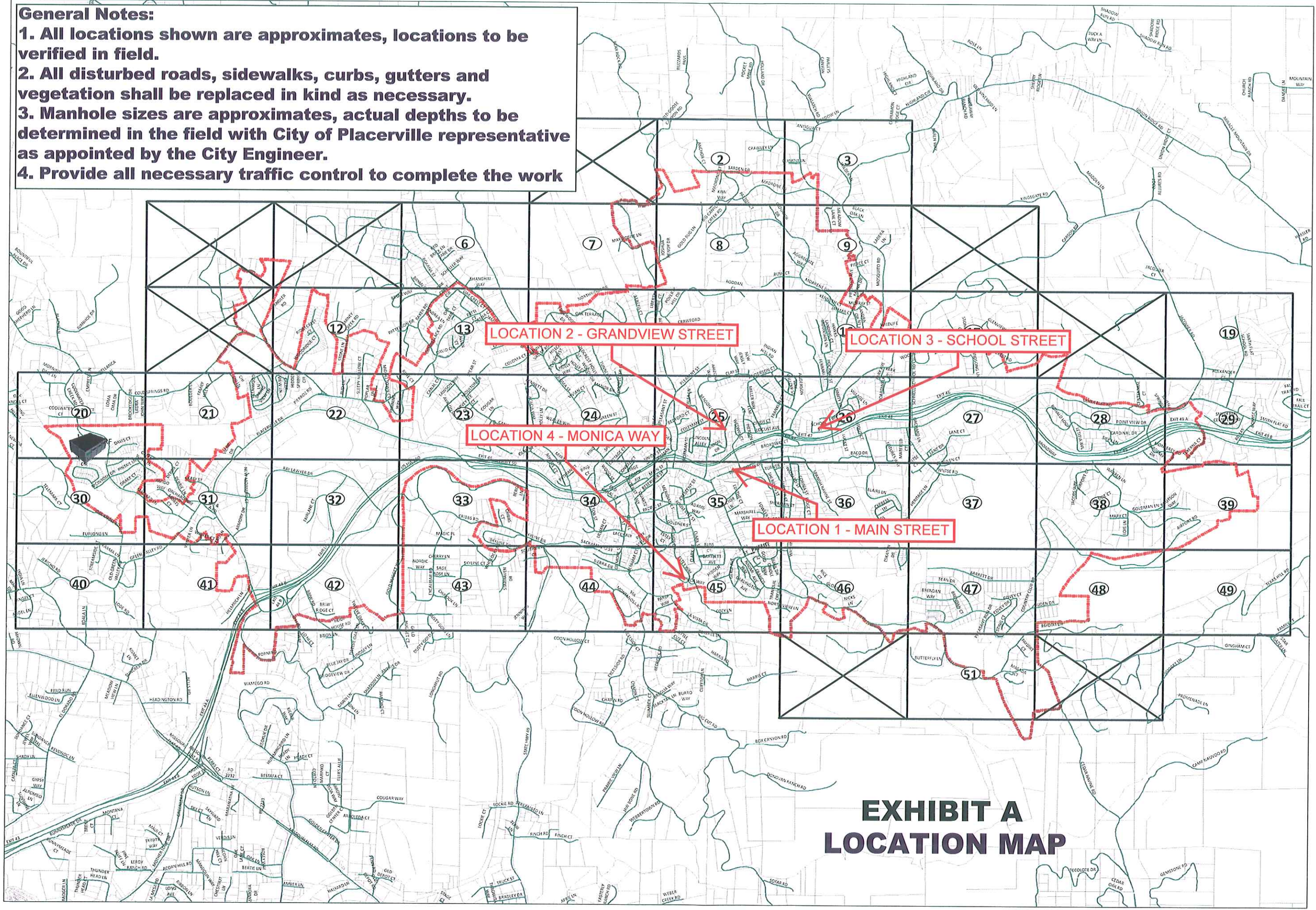
ABSTAIN:

Mayor Patricia Borelli

ATTEST: _____
Susan Zito, CMC, City Clerk

General Notes:

- 1. All locations shown are approximates, locations to be verified in field.**
- 2. All disturbed roads, sidewalks, curbs, gutters and vegetation shall be replaced in kind as necessary.**
- 3. Manhole sizes are approximates, actual depths to be determined in the field with City of Placerville representative as appointed by the City Engineer.**
- 4. Provide all necessary traffic control to complete the work**



**Placerville
Sewer
System
Map**

**SEWER SYSTEM
MAP INDEX**

Legend

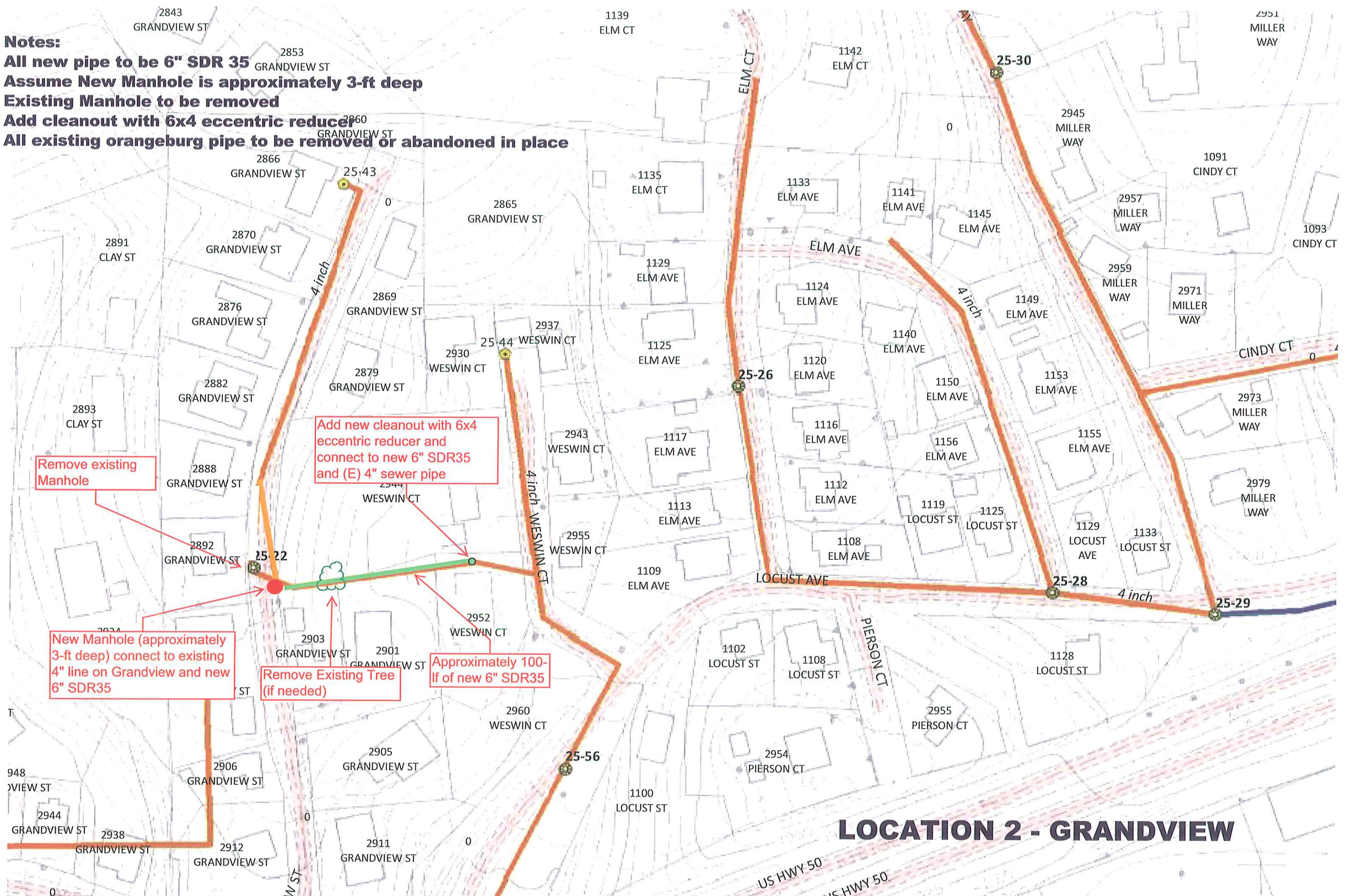
- STREETS
- CITY LIMIT
- PARCELS

Updated:
October 29, 2014

Sheet No:
INDEX

**EXHIBIT A
LOCATION MAP**

Notes:
All new pipe to be 6" SDR 35
Assume New Manhole is approximately 3-ft deep
Existing Manhole to be removed
Add cleanout with 6x4 eccentric reducer
All existing orangeburg pipe to be removed or abandoned in place



Remove existing Manhole

Add new cleanout with 6x4 eccentric reducer and connect to new 6" SDR35 and (E) 4" sewer pipe

New Manhole (approximately 3-ft deep) connect to existing 4" line on Grandview and new 6" SDR35

Remove Existing Tree (if needed)

Approximately 100-lf of new 6" SDR35

LOCATION 2 - GRANDVIEW

