

**City Manager's Report****March 24, 2015 City Council Meeting****Prepared by:** Katy Reiersen, Associate Civil Engineer**Item #:** 12.3**Subject: Adopt Resolution No. _____, a Resolution of the City Council:**

1. Declaring the sewer line failures located at Main Street and School Street an imminent threat to the environment, public health, safety, and welfare; and
2. Approving a Construction Contract with Wunschel & Sons for necessary equipment, services and supplies to make emergency sewer line repairs located on Main Street (CIP #41514) and School Street (CIP #41515) in an amount not to exceed \$79,757; and
3. Authorizing the City Manager to execute the same; and
4. Approving a budget appropriation in an amount not to exceed \$24,801 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair located on Main Street (CIP #41514); and
5. Approving a budget appropriation in an amount not to exceed \$88,956 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair located on School Street (CIP #41515).

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:

- Main Street (Location 1 as shown on Exhibit A, attached herein): The main trunk line located directly in front of the Public Defender's office, well outside the project limits for the Main Street Phase 1B Sewer Rehabilitation Project, has a substantial sag in the line that does not allow for proper flow to the connected collection system. City Staff is recommending replacement of approximately 100 linear feet of sewer pipe to address this issue.
- School Street (Location 3 as shown on Exhibit A, attached herein): The main sewer trunk line located on School Street consists of Orangeburg pipe that shares a trench with the water main, and sections of the bottom of the sewer pipe have deteriorated to the point of complete failure, leaving the ability of raw sewage to seep directly into the trench and ground. This pipe failure poses an imminent threat if it is not addressed immediately and may result in direct risks to the environment, public health, safety, and welfare. City Staff is recommending relocating the sewer line out of the joint trench and replacing approximately 400 linear feet of sewer pipe and adding 3 manholes to address maintenance issues to correct the situation.

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
- Night work where required (Main Street repair)
- 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 Wunschel & Sons in the amount of \$79,757 to make repairs at Main Street and School Street. (Repairs for Grandview Street and Monica Way are addressed in a similar staff report also being presented to the Council.)

Budget Impact: The estimated repair cost for Main Street is \$24,801; the estimated repair cost for School Street is \$88,956; 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 41514 - Location 1 Main Street	<u>Estimated Cost</u>
Construction Bid Price	\$ 14,201.00
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 41514 Total Cost:	<u>\$ 24,801.00</u>
Project 41515 - Location 3 - School Street	<u>Estimated Cost</u>
Construction Bid Price	\$ 65,556.00
25% Construction Contingency	\$ 16,400.00
Underground Service Alert (USA)	\$ 2,000.00
Testing and Surveying	\$ 2,500.00
Staff Time	\$ 2,500.00
Project 41515 Total Cost:	<u>\$ 88,956.00</u>

Staff recommends the City Council approve a budget appropriation in the amount of \$24,801 for the repair at Main Street and \$88,956 for the repair on School Street from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures.


Recommendation: Adopt a resolution that:

1. Declares the sewer line failures located at Main Street and School Street an imminent threat to the environment, public health, safety, and welfare; and
2. Approves a Construction Contract with Wunschel & Sons for necessary equipment, services and supplies to make emergency sewer line repairs located on Main Street (CIP #41514) and School Street (CIP #41515) in the amount of \$79,757; and
3. Authorizing the City Manager to execute the same; and
4. Approving a budget appropriation in an amount not to exceed \$24,801 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair located on Main Street (CIP #41514); and
5. Approving a budget appropriation in an amount not to exceed \$88,956 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair located on School Street (CIP #41515).


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 MAIN STREET AND
SCHOOL STREET ARE AN IMMINENT THREAT TO THE ENVIRONMENT,
PUBLIC HEALTH, SAFETY AND WELFARE; AND APPROVING A CONSTRUCTION
CONTRACT WITH WUNSCHEL & SONS FOR SEWER LINE REPAIRS LOCATED
ON MAIN STREET (CIP #41514) AND SCHOOL STREET (CIP #41515) IN AN
AMOUNT NOT TO EXCEED \$79,757; AND APPROVING BUDGET
APPROPRIATIONS IN THE AMOUNT OF \$24,801 FOR THE REPAIRS ON MAIN
STREET AND \$88,956 FOR THE REPAIRS ON SCHOOL STREET 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 Main Street (generally located at 630 Main Street to approximately 100 feet east) and School Street (generally located from the intersection of Pinecrest Court to Carson Road) 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 Main Street and School Street an imminent threat to the environment, public health, safety, and welfare; and
2. Approve a Construction Contract with Wunschel & Sons for necessary equipment, services and supplies to make emergency sewer line repairs located on Main Street (CIP #41514) and School Street (CIP #41515) in an amount not to exceed \$79,757; and
3. Authorize the City Manager to execute the same; and
4. Approve a budget appropriation in an amount not to exceed \$24,801 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair on Main Street (CIP #41514); and
5. Approve a budget appropriation in an amount not to exceed \$88,956 from the Sewer Enterprise Fund Contingency for Unforeseen Expenditures for the repair on School Street (CIP #41515).

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



0 270 540 1,080 1,620 2,160
Feet

Placerville
Sewer
System
Map

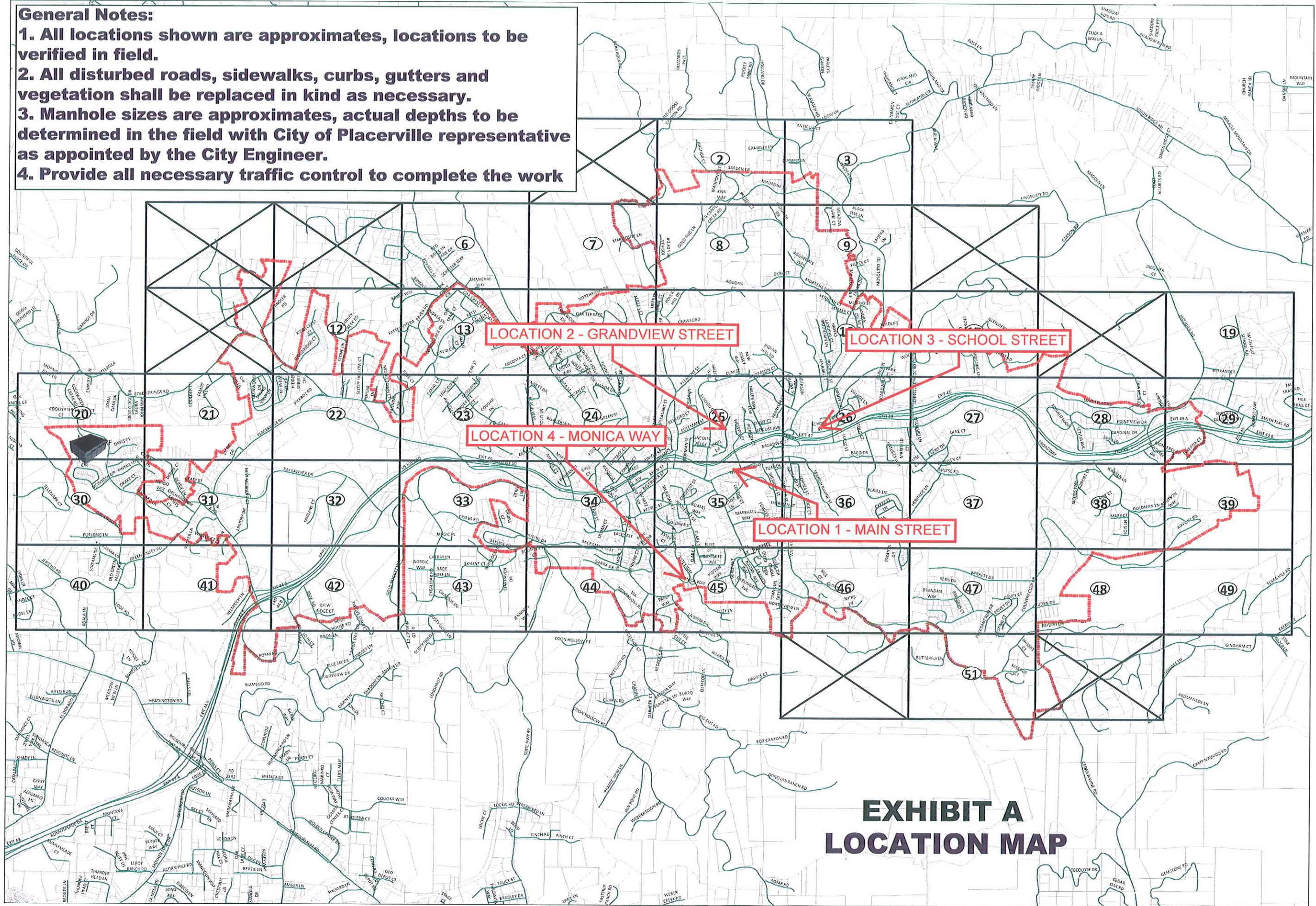
SEWER SYSTEM
MAP INDEX

Legend

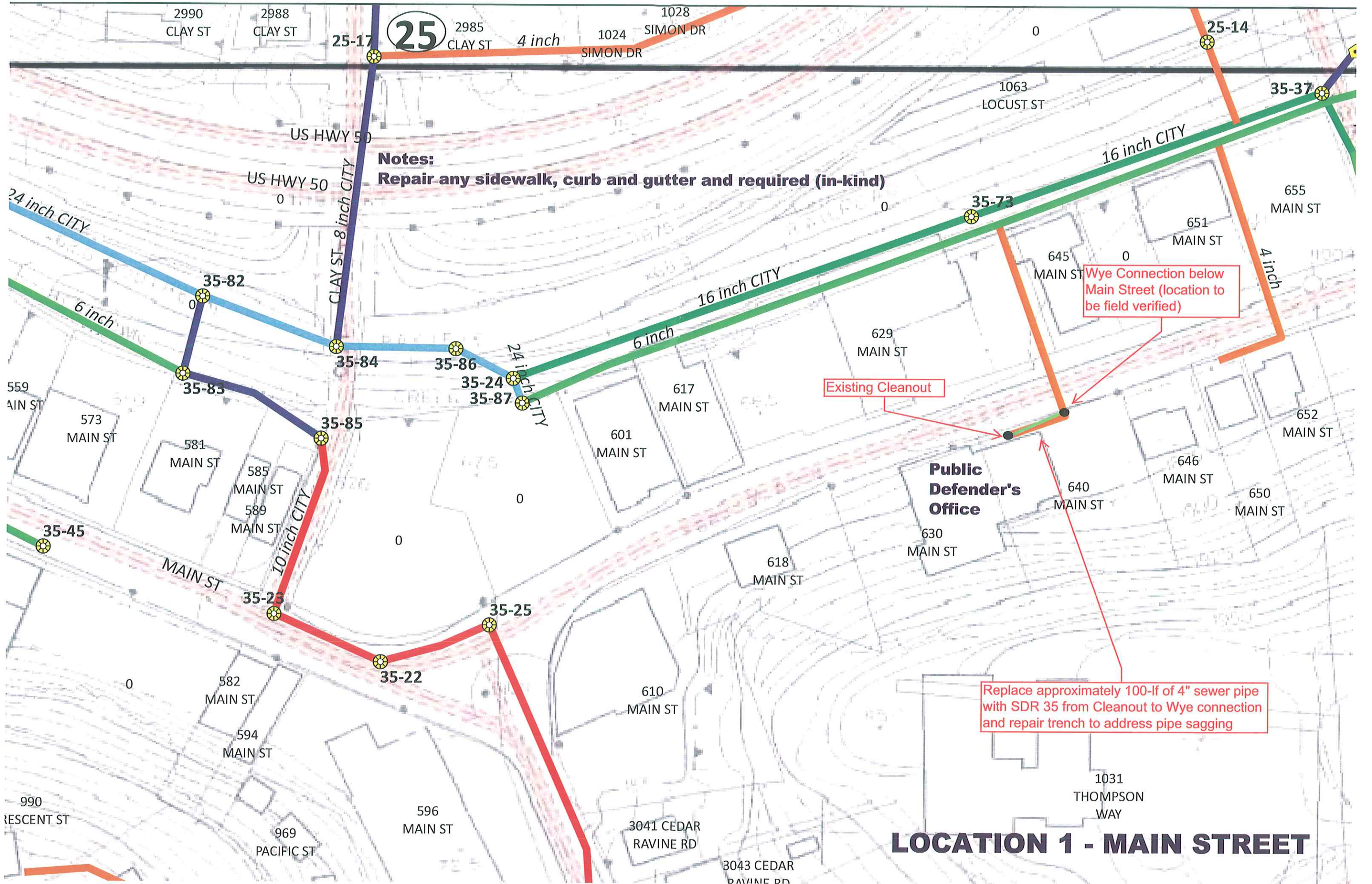
- STREETS
- ▭ CITY LIMIT
- ▭ PARCELS

Updated:
October 29, 2014

Sheet No:
INDEX



**EXHIBIT A
LOCATION MAP**



25

Notes:
 Repair any sidewalk, curb and gutter and required (in-kind)

Existing Cleanout

Wye Connection below Main Street (location to be field verified)

Replace approximately 100-lf of 4" sewer pipe with SDR 35 from Cleanout to Wye connection and repair trench to address pipe sagging

LOCATION 1 - MAIN STREET

2990 CLAY ST

2988 CLAY ST

25-17

2985 CLAY ST

4 inch

1024 SIMON DR

1028 SIMON DR

0

25-14

1063 LOCUST ST

35-37

US HWY 50

US HWY 50

Notes:
 Repair any sidewalk, curb and gutter and required (in-kind)

16 inch CITY

655 MAIN ST

24 inch CITY

35-82

6 inch

35-84

35-86

35-24
35-87

24 inch CITY

16 inch CITY

6 inch

Wye Connection below Main Street (location to be field verified)

629 MAIN ST

617 MAIN ST

Existing Cleanout

652 MAIN ST

559 MAIN ST

573 MAIN ST

35-83

581 MAIN ST

585 MAIN ST

589 MAIN ST

35-85

601 MAIN ST

Public Defender's Office

640 MAIN ST

646 MAIN ST

650 MAIN ST

35-45

MAIN ST

10 inch CITY

35-23

35-25

618 MAIN ST

0

582 MAIN ST

594 MAIN ST

35-22

610 MAIN ST

Replace approximately 100-lf of 4" sewer pipe with SDR 35 from Cleanout to Wye connection and repair trench to address pipe sagging

990 RESCENT ST

969 PACIFIC ST

596 MAIN ST

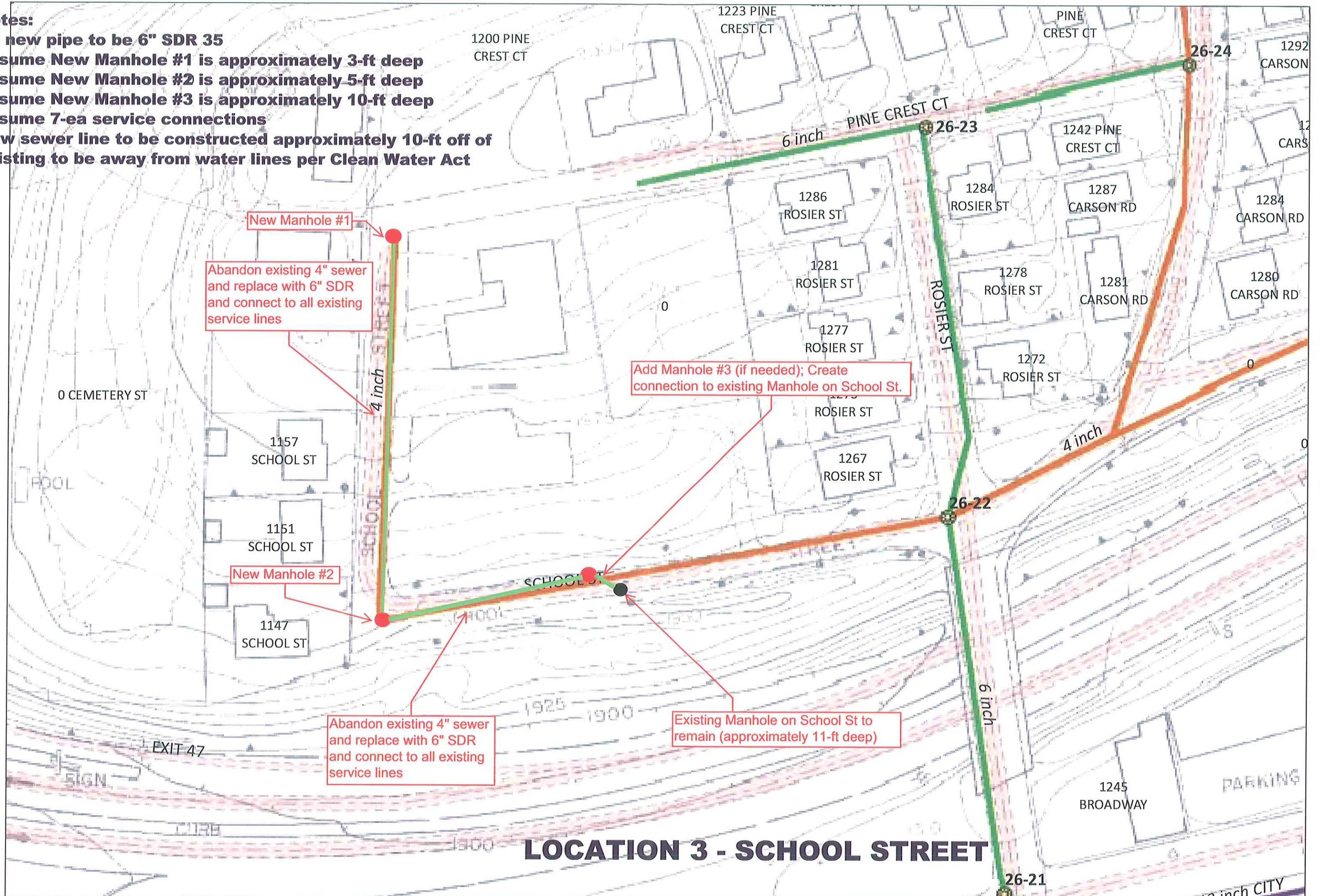
3041 CEDAR RAVINE RD

3043 CEDAR RAVINE RD

1031 THOMPSON WAY

Notes:

- All new pipe to be 6" SDR 35
- Assume New Manhole #1 is approximately 3-ft deep
- Assume New Manhole #2 is approximately 5-ft deep
- Assume New Manhole #3 is approximately 10-ft deep
- Assume 7-ea service connections
- New sewer line to be constructed approximately 10-ft off of existing to be away from water lines per Clean Water Act



LOCATION 3 - SCHOOL STREET