

Street Talk

Information for Dearborn Hills residents who live east of Telegraph, west of Outer Drive, south of Cherry Hill and north of the Rouge River.

Engineering Division

January 25, 2012



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City officials met with area residents at Bryant Middle School on Jan. 9, 2012, to discuss details and address questions about the major storm sewer separation project that will affect your neighborhood beginning in late February 2012 and continuing through 2013. A tentative construction schedule is on the last pages of this newsletter.

In accordance with the federally-mandate CSO (Combined Sewer Overflow) control project, the City will be separating the current single line sewer system into two lines, one for sanitary sewers and one for rain water. In order to do this, the City must remove pavement and dig down to the current sewers and install new sewer lines and new water mains. Old sanitary leads will be replaced with new PVC pipe from the City's sewer to approximately 5 feet behind the curb, leading to each house.

The City of Dearborn will keep you informed about this project through updates on the Construction page of the City's website at www.cityofdearborn.org. If a project will specifically impact your home, such as by preventing access to your driveway for a day, a notice will be placed on or near your front door. If you have questions during construction, please call Construction Engineering Technician Kelli Moore at 313.613.1994.

What Property Owners Need to Know

- Property owners are encouraged to document the condition of their homes, inside and out, prior to construction. It is highly recommended that they use cameras or videos that display the date, to show exactly how the home appeared before construction. In the event that building or structural damage does occur, any claims could be supported with photo-video documentation.
- Crews will close off half of each street during sewer and water main work. A lane will be left open for traffic. Access to garages will be maintained except when excavating in front of driveways.
- During the sewer and water main work, residents can expect a disruption in water service for four to six hours. Residents will be notified 24 hours prior to water shut-off. Also, there will be disruption at individual households when their water service is transferred from the old water main to the new main. The transfer will take approximately two hours and residents will be notified two hours before the transfer takes place.
- It is recommended that whenever water service is turned off and back on again that residents flush the lines by running water until it appears clear.
- When work on the streets is complete, crews will replace topsoil and sod, and make any repairs to damaged sprinklers. The city asks that that sprinkler heads be marked with flags when work comes to your area to help avoid damage.
- Trash pickup will continue as scheduled and residents should continue to put out their trash and recycling carts as usual. Otherwise, you will be given special instructions in advance of your trash day.

See answers to questions raised at the January 9 meeting on the following pages.

The following are answers to questions asked by residents at the January 9 meeting at Bryant Middle School for the CSO 4 project area:

SCHEDULE

1) What are the normal construction hours?

Hours may vary depending on scheduled activity and weather, but in general working hours are 7 a.m. to 6 p.m. Some Saturdays may be necessary as well.

2) Where will residents park when driveways are not available?

Residents can park on alternate streets, or at corner side streets not under construction. Or they may coordinate with neighbors that have access to their driveways.

3) How will residents know which two weeks the concrete is curing and they will not be able to drive on their street?

Construction schedules will be updated on the City's website to keep residents informed. Look for the **Construction** heading. Also, notices regarding paving are delivered to residents a few days ahead of the paving start time.

4) Understanding the construction schedule is tentative based on weather, etc., how will changes to the construction schedule be communicated?

Information regarding this project will be reviewed periodically and the most current schedule will be posted on the City of Dearborn website at www.cityofdearborn.org under the **Construction** heading.

5) How will trash pick-up be handled?

Trash pick-up will continue, however, depending on construction activity, it may be necessary to bring the carts across the street for pick up.

6) If DTE has to enter my house, will they be flexible with my schedule in order for the work to be done? Yes. DTE/Michcon is conducting work in the neighborhood and during the same period as the sewer work is being done. According to DTE, they will contact residents at individual houses to schedule upgrades as needed.

NOTE: If you smell gas at any time, immediately call DTE/Michcon at 1.800.947.5000.

SAFETY/ACCESS

7) What safety precautions will be taken for those leaving and coming home during later and early hours while cars are parked on streets other than your own? Will there be extra security for vehicles while parked on streets during constructions?

Police and Fire departments are notified of upcoming construction schedules. They do increase patrol in these areas for protection of residents, construction equipment, etc. And, while a car should be just as safe around the block as in front of your house, if you feel the need, or notice something suspect, call the police.

8) Is the city advising "first responders" (emergency responders) of this construction plan? Will they be able to respond if needed?

Police and Fire departments will be notified of the upcoming construction season. Access will be available for them during construction.

WATER

- 9) ***What is the plan to prevent contaminants from entering the water supply during the change over to new water mains? How does the City make sure water is safe when we turn it on after the service is transferred to the new main?***

The new water main is constructed, flushed and chlorinated. The water is then tested, by a certified laboratory, for bacteria and chlorine levels prior to transferring any of the existing services.

PIPES

- 10) ***Where will the new water mains be located?***

The location of the new water main varies from street to street. In general, it is proposed close to the existing water main and in the street or near the curb. There are some exceptions. For specific locations, the plans are available for review at City Hall, in the Engineering Division, on the third floor of the West Wing, closest to Maple.

- 11) ***Should homeowners change their water line from their house at this time? Will homeowners be notified if they have lead pipes?***

Lead services will be replaced within the City right-of-way with copper. The water service material is not known until it is exposed. However, residents can check the meter inside their house to see the incoming pipe which, in general, is the same material as the pipe between the lead and their house. To find out material type of their pipe, residents also can contact the Engineering Division after service has been transferred. It is at the property owner's discretion to change the pipe. As long as property owners flush the stale or stagnant water from their water pipe before use, it is not necessary to replace the lead water lines.

- 12) ***Will homeowners have the opportunity to clean their sewer line from the house before new connections are made? How will information be communicated?***

During construction, the sewer lead is checked at the point of connection. The contractor generally can see into the lead about 10-12 ft. if there are no bends. If a potential blockage or roots are noticed, the resident is notified. Residents may choose to have the sewer lead cleaned by their own contractor prior to connection. This may be coordinated by checking the construction schedule on the City's website.

- 13) ***What if the sewer lead is under a tree, interfering with the roots?***

During construction, if the sewer lead is found to be under a tree, residents will be given the option of inserting a 4-inch PVC liner, with written approval, in the existing lead. This inhibits roots from infiltrating the lead. Or the lead may be re-routed around tree. If residents think they may be out of town during sewer work, they may wish to call Construction Engineering Technician Kelli Moore at 313.613.1994 to provide a contact number or person who can represent the resident during construction.

- 14) ***Are there any concerns about leaving the existing water pipes in the ground? Will there be sinkholes?***

The existing water main is a smaller 6 inch pipe and the City has not experienced any sinkholes or other problems when allowing these to remain in the ground after construction.

PAVEMENT AND SIDEWALKS

- 15) ***Will driveway aprons be replaced with same size aprons?***

Yes, driveway aprons will be replaced with the same size as it was prior to construction, with concrete only.

16) *What sidewalks will be replaced and why?*

Most of the sidewalks that must be replaced are to meet American with Disabilities Act (ADA) requirements. Sidewalks must have maximum 2% cross slope, which is the slope pitched toward the roadway, and maximum 8% longitudinal slope. In order to achieve 2% cross slopes, some driveways on the private side of the sidewalk will need to be removed, regraded and replaced, along with the sidewalk to meet these slope requirements. If there is a question about a specific area, the plans are available for review at City Hall, in the Engineering Division, on the third floor of the West Wing, closest to Maple.

17) *Is there any reason homeowners will be responsible to pay for sidewalk replacement?*

Sidewalk removed as part of the project will be included in project costs at no expense to the homeowner. If the homeowner individually contracts to replace any sidewalk outside project limits, they will be responsible for the costs.

18) *Can residents request additional concrete work be done while the crew is in the area? If homeowners choose to replace portions of sidewalk (at their expense) not affected by this project, will the price from contractor be the same in 2012 and 2013?*

Some contractors will agree to perform private work while in the area. It will be at the contractor's discretion as to whether they will do work beyond the contract limits and the City does not contract, nor supervise, this work. In general, the prices change from year to year.

19) *Will brick paver driveways and secondary walkways be replaced in like kind?*

No. The contractor will replace all drives and walks with concrete. If a resident chooses to keep pavers, it is recommended they remove them prior to construction and replace pavers themselves following construction.

20) *Is there a plan to angle new curbs in order to prevent damage to tires?*

The City standards for curbs and gutters are being utilized on new roads, which are 7-inch curbs. The curb height allows for future maintenance overlays on the roads while still providing enough depth for a gutter line.

21) *Why have some streets been replaced in the past with partial concrete and asphalt compared to full width concrete?*

In general, the type of material used to replace road has to do with where the utility work is located and the amount of disruption. In this case, the roads will be totally removed for utility construction and replaced with all concrete.

22) *Is there a 1930s agreement in place that prevents using concrete vs. asphalt?*

The City standard for the last 25 years is to construct and/or reconstruct full width roadways with a concrete surface. The City is not aware of any agreement that would preclude use of concrete. This inquiry will be referred to the Legal Department to investigate if there is any legally binding agreements regarding pavement type.

SPRINKLERS

23) *How will sprinkler systems be handled? When should they be marked or removed? What is the timing for replacement?*

The contractor is responsible to repair sprinklers it disrupts during construction. It is recommended the zone in the area between the curb and sidewalk be turned off during construction. Also, since there are no City records for sprinkler locations, it is recommended the property owner locate and flag sprinkler heads so the contractor is aware of locations. It is also suggested that sprinkler heads that are special or non-standard be removed prior to construction, as they can be hard to replace. Sprinklers should be marked, with flags or paint, or removed prior to construction on the street. The contractor will replace sprinklers, after paving, as part of restoration activities.

24) After sprinkler work is completed, can homeowners hire their own contractor to evaluate and ensure sprinkler replacement has been done correctly? Will the homeowner's expense be reimbursed by City?

Sprinkler repairs are included as part of the project cost and the contractor must be provided the opportunity to repair the system. The City will not reimburse work "checked" by another contractor; however residents may choose to have their contractor review work at their own cost. Only in very unusual circumstances has the City reimbursed residents for repairs--especially in cases where the general contractor failed to provide timely repairs to the sprinkler system. In such cases, a minimum of three quotes from licensed contractors must be provided and approved by City of Dearborn prior to work being done. Work done without City approval will not be reimbursed.

COST

25) What is the tax impact for this project?

It is covered under the current millage approved for the CSO project by the property owners.

CONTRACTOR

26) Has the City done similar projects in the past?

The City has been working on similar projects for the last 10 years.

27) Has the City used this contractor before? How was the company selected?

This particular contractor completed work in the City in the 1990s. It also had satisfactory references from other governmental agencies for more recent projects. The City has a complex bid process for contractor selection.

28) Some concrete street replacement in the City have had problems, are you using the same contractors for this project? No.

29) Is the City aware of any damage to a house on past projects due to use of heavy equipment? What should we do to guarantee a repair if something occurs?

The City is not aware of any damages to homes due to heavy equipment. The City takes video to document conditions of sidewalks, driveways, etc. prior to construction. If property owners are concerned, they are encouraged to document the conditions of their homes, inside and out, prior to construction. It is highly recommended that residents use cameras or videos that display the date, to show exactly how the home appeared before construction. Photo/video documentation could be used to support claims.

MISCELLANEOUS

30) Will topsoil and sod replacement be of a high quality?

Yes, the contractor is required to follow the project specifications, which require high quality top soil and sod.

31) What precautions are planned to prevent losing trees? What reasons would result in losing a tree?

During the design phase, effort is made to avoid trees when determining utility locations. In past projects, tree removal has been kept to a minimum. However, due to house lead locations and proximity to curbs, some trees may have to have root systems cut. The City has staff to evaluate and monitor trees after construction as well.

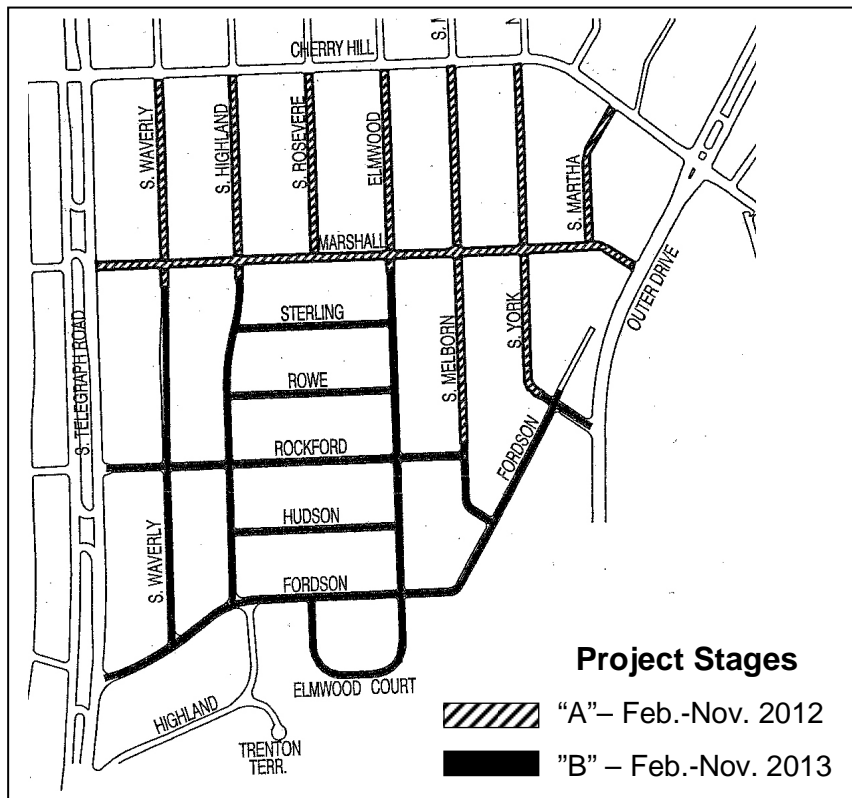
32) Why not use bioswales to capture rain water and return it to ground instead of going to the sewers to handle the storm water capacity problem?

First, the existing system is not experiencing a capacity problem. It needs to be separated so that waste water is not going to the river during storm events and so the storm water is not being sent to treatment plants. Using bioswales in a dense, urban community is not feasible due to space, slope and soil conditions.

33) How does this project relate to the caisson project next to Dearborn High? If there is no relationship, will those caissons ever be used?

The caisson project is a retention method of CSO control. It eliminates or minimizes discharges to the river. Sewer separation is another method of CSO control allowing for discharge of storm water only into the river. Both methods are being used in various areas of Dearborn.

CSO 4 Sewer Separation Project Stages Map



For more information...

Residents are urged to contact the City's onsite Construction Engineering Technician, Kelli Moore, with any questions or concerns during construction. She can be reached at 313.613.1994.

The Project Engineer for this project is Soud El-Jamaly. He can be reached at 313.801.8578.

For a weekly construction schedule and other information, visit www.cityofdearborn.org and look for the CONSTRUCTION heading.

Tentative 2012 construction schedule for CSO 4-Phase I, Stage A

Dearborn Hills, East of Telegraph, West of Outer Drive, South of Cherry Hill, North of the Rouge River

The following are *approximate* time frames provided by the contractor for the various construction activities involved in the project and are subject to change.

Marshall – Telegraph to Outer Drive

- Sewer crossing at Telegraph - Last week of February through third week of March
- Storm sewer installation - Last week of March through third week of April
- Sanitary sewer installation and lead transfer/replacement - Third week of April through third week of May
- Water main installation and lead transfer/replacement - Third week of May through second week of June
- Install edge drain and grade roadway - Second week of June through third week of June
- Place and grade aggregate road base - Third week of September through fourth week of September
- Pave half width of roadway - Fourth week of September through first week of October
- Pave half width of roadway - Second week and third week of October
- Drive and sidewalk installation - Third week and fourth week of October
- Restoration – Fourth and fifth week of October

S. Waverly – Marshall to Cherry Hill

- Storm sewer installation and sanitary lead transfer/replacement - First week of April through third week of April
- Water main installation and lead transfer/replacement – Third week of April through second week of May
- Install edge drain and grade roadway - Second week of May
- Place and grade aggregate road base - Second and third week of May
- Pave half width of roadway – Third and fourth week of May
- Pave half width of roadway - Fourth and fifth, or last week, of May
- Drive and sidewalk installation - Last week of May and first week of June
- Restoration - Second full week of August

S. Rosevere – Marshall to Cherry Hill

- Storm sewer installation and sanitary lead transfer/replacement - Third and fourth week of April
- Water main installation and lead transfer/replacement - Fourth week of April through third week of May
- Install edge drain and grade roadway - Third week of May
- Place and grade aggregate road base - Third and fourth week of May
- Pave half width of roadway - Fourth week and fifth, or last, week of May
- Pave half width of roadway – Fifth, or last, week of May and first week of June
- Drive and sidewalk installation - First and second week of June
- Restoration - Third week of August

S. Melborn – Rockford to Cherry Hill

- Storm sewer installation and sanitary lead transfer/replacement - Third week of May through first week of June
- Water main installation and lead transfer/replacement - First week of June through fourth week of June
- Install edge drain and grade roadway - Last week of June and first week of July
- Place and grade aggregate road base - First week of July
- Pave half width of roadway - Second and third week of July
- Pave half width of roadway - Third and fourth week of July
- Drive and sidewalk installation - Fourth week of July through first week of August
- Restoration - Third and fourth week of August

(continued)

S. Martha – Marshall to Cherry Hill

- Storm sewer installation and sanitary lead transfer/replacement - Second and third week of July
- Water main installation and lead transfer/replacement – Second through fourth week of July
- Install edge drain and grade roadway - Third and fourth week of July
- Place and grade aggregate road base - Fourth week of July and first week of August
- Pave half width of roadway - First and second week of August
- Pave half width of roadway - Second and third week of August
- Drive and sidewalk installation - Third and fourth week of August
- Restoration - Fourth week of August

S. Highland – Marshall to Cherry Hill

- Storm sewer installation and sanitary lead transfer/replacement - First week of June through third week of June
- Water main installation and lead transfer/replacement - Second week of June through first week of July
- Install edge drain and grade roadway - Last week of June and first week of July
- Place and grade aggregate road base - First and second week of July
- Pave half width of roadway - Second and third first week of July
- Pave half width of roadway - Third and fourth week of July
- Drive and sidewalk installation - Last week of July and/or first week of August
- Restoration - Last week of August

S. Elmwood – Marshall to Cherry Hill

- Storm sewer installation and sanitary lead transfer/replacement - First week through third week of August
- Water main installation and lead transfer/replacement - Second and third week of August
- Install edge drain and grade roadway - Third and fourth week of August
- Place and grade aggregate road base - Third and fourth week of August
- Pave half width of roadway - Fourth and fifth week of August
- Pave half width of roadway – Fifth week of August and first week of September
- Drive and sidewalk installation – First and second week of September
- Restoration - Second week of September

S. York – Fordson to Cherry Hill

- Storm sewer installation and sanitary lead transfer/replacement - Fourth week of August through second week of September
- Water main installation and lead transfer/replacement - Last week of August through third week of September
- Install edge drain and grade roadway - Second and third week of September
- Place and grade aggregate road base - Third and fourth week of September
- Pave half width of roadway - Last week of September and first week of October
- Pave half width of roadway – First and second week of October
- Drive and sidewalk installation - Second and third week of October
- Restoration - Third and fourth week of October