

City of Shakopee
MEMORANDUM

TO: Mayor and City Council
William H. Reynolds, City Administrator

FROM: Steve Lillehaug, City Engineer/Public Works Director
Ryan Halverson, Assistant City Engineer

SUBJECT: 2020 Full-Depth Pavement Reconstruction Feasibility Report Amendment

DATE: Jan 29, 2020

At the January 21, 2020, City Council meeting, you received the Feasibility Report for the 2020 Full-Depth Pavement Reconstruction Project dated January 2020. This memo provides subsequent and updated Feasibility Study information and public outreach including details from the January 27, 2020, neighborhood open house; questionnaire information and results; and direct e-mail correspondence as follows:

Open House

An open house was held on January 27, 2020, for the 2020 Full-Depth Pavement Reconstruction Project. Residents from twenty-one of the properties impacted by the project attended the meeting. A presentation was given discussing the existing and proposed improvements, construction process, project costs and funding sources, discussion on special assessments and the proposed project schedule. After the presentation, residents provided input, asked questions and discussed specifics about their property and neighborhood.

In summary, most attendees agreed with the need for the project and proposed improvements, except those in attendance from Montecito Drive. The Montecito Drive residents that spoke did not want to pay for an improvement project and stated the roadway has remained serviceable for quite some time (in a deteriorated condition).

Other comments from many of those in attendance were about the equitableness of the project pertaining to the assessment amount (indicating the cost was too high). Some comments indicated that the roadways were not originally constructed adequately and did not receive proper maintenance during their lifecycle. The Dominion Hills neighborhood attendees were concerned that their assessments were double compared to those of the other neighborhoods. Residents in Westridge Lake Estates requested that properties from Peninsula Point Road be included in the assessment apportionment since they will drive through the neighborhood to access their properties. They also stressed concern about potential damage to the new roadway by construction vehicles as those houses and lots are built.

Resident Questionnaire

Property owners were mailed a questionnaire requesting input and information about the streets, drainage and utilities in their neighborhoods. Attached to this memo is the

questionnaire that was mailed to property owners and a compilation of the responses that were received at the time of this memo.

E-mail Correspondence

Please see the attached E-mail correspondence and response from city staff.

Staff Response

Specific property issues and design considerations will be addressed through the detailed final design, working directly with property owners as needed. However, other substantive project scope, funding, and/or assessment comments and issues are recommended to be considered as part of the Improvement Public Hearing approval.

1. Contact Information:

Name: _____

Address: _____

Email Address:_____

Phone Number:_____

2. Have you experienced any problems with sanitary sewer service, such as line plugging or having the service cleaned out to the street? If yes, how often?

3. Typically, improvements to the storm drainage system are needed. Do you have a problem with drainage or flooding in the street, your yard or basement?

4. Do you experience problems relating to the water distribution system such as water pressure, taste, odor or color?

5. Do you have a lawn irrigation (or sprinkler) system located within your property?
Please circle one: Yes No

6. Do you have a sump pump in your basement?
Please circle one: A. Yes, my sump pump runs frequently (at least once every day)
B. Yes, my sump pump runs less frequently
C. No, I do not have a sump pump or do not use my sump pump
D. Unknown

(see back side)

7. Do you have draitile on your property?

- Please circle one:
- A. Yes, it drains to the front yard
 - B. Yes, it drains to the back yard
 - C. No, I do not have draitile on my property.
 - D. Unknown

8. The City’s policy pertaining to spacing of existing street lights is to provide for lighting at intersections and at mid-block locations where spacing exceeds 300-feet for residential areas with lots 2.5 acres or less in size (See attached Map: Areas A, D, and E) and intersections and at mid block locations where spacing exceeds 600-feet for residential areas where lots exceed 2.5 acres (See attached map: Area C). Do you feel your neighborhood needs additional street lighting?

Please circle one: Yes No

If yes, where?

9. What other concerns, comments and/or issues do you have pertaining to the streets, sidewalks, utilities, etc., in your neighborhood?

Should you have questions or need more information, please contact Ryan Halverson in the Engineering division at 952-233-9366

Please return by **January 24th, 2020** to:
Engineering Division
City of Shakopee
485 Gorman Street
Shakopee, MN 55379
engineering@shakopeeMN.gov

2020 Full Depth Pavement Reconstruction Survey Summary Results

Sanitary (2)	Storm (3)	Water (4)	Sprinkler System (5)	Sump Pump (6)	Drain tile (7)	Streetlights (8)	If yes, where? (8a)	Comments/Concerns/Issues re: streets, sidewalks, utilities, etc. (9)
Westridge Lake Estates								
No	No	No	Yes	No	Unknown	No		None
			Yes	No	Some in front and back of house. Also a conduit pipe under the driveway toward the front of street which we would need to try to figure out where that is located if this project ends up disrupting our driveway.			1. Proposed assessment lot consolidation discrepancy-would like to meet one on one to discuss this and the other issues included. 2. Requesting Peninsula Point contribute to funding. 3. Drainage Issue-water from east of property flows down hill and through the middle of property causing this low area to be wet. 4. Water flows from the street, the gravel is constantly eroded and ends up in our lawn, this needs to be addressed and part of this project. 5. 3' gravel proposed is not acceptable solution as this is what we have today and doesn't work-what can we do to address this? The asphalt pavement erodes and ends up in chunks in our yard. 6. Would be interested in seeing the costs specific to the Westridge Lake Estates project.
No	No	No	Yes	Yes, runs less frequently	No drain tile	No		Paved surface used to have a 4' gravel edge on both sides. Grass has overtaken the gravel. It would be nice if this could be done again along with the paving.
No	North culvert on Westridge Drive is too low. Results in standing water on west side of street.	No	Yes	No	No drain tile	No		Are there any anticipated water main improvements related to this project for Westridge Lake Estates? Do not agree with hydromulch seeding. Most owners installed sod to street. Light posts (fiberglass construction?) cause slivers if touched and are an eye sight from fading, discoloration. Concern about potential construction traffic from peninsula point negatively impacting the project.
Dominion Hills								
No-private well, septic	No	No	Yes	Yes; runs less frequently	No drain tile	No		Traffic noise reduction-we do not need new road improvements. We do need noise barrier between neighborhood and Marschall Rd. Go look at Eden Prairie houses protected by noise barriers.
No	No	No	Yes	Yes-never runs	Yes, under the footings of the house that run to the ditch on the north side of the house (front yard)	No		

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No-private septic system	Promise Avenue does exhibit significant issues with the shoulder washing away during heavy rainfalls and this is a problem. The washout leaves dangerous debris in the form of scattered rocks impacting safe driving and walking as well as compromising the roadway. Over years, city has had to come out numerous times to clean up and restore shoulder. Could be better engineered to avoid through some possible combination of changing the crown, adding curbing or diversion mechanisms.	Not applicable. Private well and loves well water, really dislike the taste of city water.	Yes. I have a zone that runs along Promise Ave and its unclear to me how it will be impacted by the road construction. I would appreciate knowing before construction how much of my sprinkler system might be within the easement, if there are things I can do to minimize damage to my system and if the city will repair any damage that may occur during construction.	No	No	No		The Dominion Hill neighborhood is RR zone with private wells and septic. When SPUC was planning the water tower that eventually landed in this neighborhood, there was significant discussion about how running sewer and/or water to the houses would result in 6 figure assessments, the burden of which would significantly impact and virtually ruin property values in the neighborhood. It is extremely important to continue to assure property owners in this neighborhood that such assessments will never be forced on current and future residents. There is significant pedestrian traffic and it would be good to find ways to ensure safety. There are no sidewalks and drainage ditches probably make it unrealistic to add them. The current shoulders are inconsistent and often do not support pedestrian traffic so they share the roadway with vehicular traffic. It would be good if any new construction could find some means of making pedestrian traffic safer. Roadways are currently operating above their original design constraints. The county closed several entrances, forcing significantly more traffic through Dominion Hills and particularly on Promise, Dominion, Peach and Chateau Avenues. -what is the design life expectancy of these roads when they were built and what will be the life expectancy after construction? -will the new roadway be designed to a higher standard to handle the increased traffic?

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								Continued-Dominion Hills: The intersections at Hillside and Promise, Promise and Dominion, Dominion and Peace seem to encourage drivers to cut the corner and drive shoulder debris onto the roadway. This has become more significant due to the increased traffic from the closed entrances. It would be good if the construction could find a way to either remove the possibility of kicking up debris or to possibly soften the corners so that drivers didn't end up cutting the corner as significantly. Lower speed limits might be nice too since drivers already exceed safe speeds, I doubt lowering the speed limit would help. The county with its CSAH 17 construction and more recently the city with its Wood Duck Trail construction ran high numbers of very heavy truck traffic through the neighborhood that I feel has had significant impact on the life of the roadway. Due to this impact, I expect the city to ask the county to help defer the costs of this construction and help to repair some of the damage they did. I expect that the city to provide more cost sharing than it normally would because of construction projects that ran heavy equipment and material through the neighborhood. The 2019 Wood Duck Trail literally pulverized roadways that were checked but intact. I have pictures that I can share that show these roadways just after the project started as well as the pulverized remains at the end of the project. Can you address why Dominion Hills assessments are expected to be more than twice all other assessments?
No-Private Sptic	Parts of the yard were very wet and soft. Installed a french drain which has helped.	Private well	Yes	Yes, runs frequently	Yes, it drains to the front yard.	No		In the Dominion Hills neighborhood there is frequently a significant washout of the gravel shoulder along the steeper portions of both Chateau Ave during heavy rains.
Montecito Drive								
No	No	No	No	No	No	No		Could have offered city water hook up when the county road was redone. Request an assessment cost breakdown.
No-septic system	No-drains on our street	No, private well	No		Unknown	N/A		Our street should have or certainly could have been done when the service street on 17th was built. Our street sucks. We have no sidewalks and no utilities.
No-our own septic system	N/A	N/A	No	No	No	Yes-half way in between		Our water well seems to be growing higher in nitrates.
Park Ridge Drive								
No	No	No	No	No	No	No		

From: [Steve Lillehaug](#)
To: [Steve Lillehaug](#)
Subject: Dominion - 2020 Reconstruction Project
Date: Wednesday, January 29, 2020 3:54:51 PM
Attachments: [image001.png](#)

From: Steve Lillehaug <SLillehaug@shakopeemn.gov>
Sent: Monday, January 27, 2020 10:18 AM
To: mikeduroche@gmail.com
Subject: Dominion - 2020 Reconstruction Project

Hello Mr. DuRoche,

We are in receipt of your project comments that were provided to the both the Mayor and Councilmember Lehman and offer the following response:

The project consists of the full depth reclamation and reconstruction of the roads in your neighborhood – they are in pretty tough shape. We are not proposing to extend watermain or sanitary sewer into your neighborhood with this project. This project mimics the Wood Duck Trail project just to the south of your neighborhood that we completed last summer. Attached is the feasibility study for the project in your neighborhood with additional details.

We understand the magnitude of the special assessment amount of this project as you mention below in the tune of approximately \$10,855. Two points about this amount. First, this amount is 30% of the costs of the project. The remaining 70% is paid by the city as a whole out of the Capital Improvement Fund. This ratio is in accordance with the city's special assessment policy. The city has performed many projects for many years under this policy – it is pretty apples to apples with the rest of the city.

Second, the amount is a bit higher than the typical residential neighborhood lot but that is indeed because of the larger, rural lot. Again, this is similar to the Wood Duck project – they actually paid \$12k. However, their 30% was actually higher but we performed an appraisal assessment evaluation where we ended up capping the amount at \$12k. This same cap would apply to your neighborhood if we approached \$12k. The cap is based on the added value from the project to the benefitting properties. So, while the amount is substantial, it is expected that the 30% amount adds that much benefit/value to your property, once the project is completed.

Pertaining to hardship, the city has a senior citizen deferment program that you could qualify for. The criteria are contained in Shakopee City Code Section 2.82. We can provide further information if interested.

We will forward your comments to the City Council and archive them in public record as part of the feasibility study for the Council's consideration. Thank you.

Kind regards, -Stever

Steve Lillehaug, PE, PTOE

Public Works Director/City Engineer, City of Shakopee

952-233-9361 | slillehaug@ShakopeeMN.gov | www.ShakopeeMN.gov

From: Mike DuRoche <mikeduroche@gmail.com>

Sent: Friday, January 24, 2020 2:17 PM

To: William Mars <WMars@ShakopeeMN.gov>

Subject: Road repair plans

Hello city council members and Mayor,

My name is Mike DuRoche and I live at [1645 Dominion Ave.](#) I'm told by my neighbors that they received a letter informing them of the new roads being planned for our area. I'm spending the winter in the south, visiting friends to get out of the cold, therefore I won't be able to attend your meetings on this subject. My wife and I are retired and in our 70's, which I'm sure you know, the cold is hard on old bones and joints.

I'm writing you about the charge that is planned for the home owners. A near \$11,000 charge per household is an extreme amount, given the taxes we pay each year. I'm all for supporting police and fire personnel, and other services done for us, but again, we pay very high taxes. I'm aware of the tax structure in Scott county, however, the taxes we pay could and should be enough to repair our roads every 20 or 30 years.

Please reconsider the hardship this will impose on us.

Thank you

Mike and Deb

Sent from my iPhone