



City Council Meeting Minutes
Monday, October 4, 2021 at 6:30 p.m.
In the Library in Five Points, 360 N. Wilmore Road, Washington, Illinois

Call to Order	Mayor Manier called the regular meeting of Monday, September 20, 2021 to order at 6:37 p.m. with a quorum present.
Roll Call	Present and answering roll call were Alderpersons Adams, Blundy, Brownfield, Butler, Dingledine, Stevens and Yoder.
Also Present	City Engineer Dennis Carr, Planning and Zoning Director Jon Oliphant, Finance Director Joanie Baxter, City Clerk Valeri Brod, City Treasurer Abbey Strubhar, and City Attorney Keith Braskich.

Review Agenda for Deletions or Additions	None at this time.
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Pledge of Allegiance	All present stood for the Pledge of Allegiance.
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Agenda Review	The agenda was reviewed and stood as presented.
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Consent Agenda	Mayor Manier presented the Consent Agenda for approval of the following items: a) Approval of minutes of September 20, 2021 City Council Meeting b) Financial Reports Ending July 31, 2021 and August 31, 2021 c) Guth and Foster Chip Seal Pay Request #1 d) Hilldale Pay Request #5 e) Holland Private Utility Pay Request #1 f) 2021 MFT UCM Chip Seal Pay Request #3
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Aldersperson Brownfield moved and Aldersperson Adams seconded.

Motion carried by roll call vote:

Ayes: 7 Adams, Blundy, Brownfield, Butler, Dingledine, Stevens, Yoder

Nays: 0

Audience Comments	Joyce Blumenshine shared that she has researched the measurement of cubic feet because that is the unit of measurement used when referring to the flow of Farm Creek. She used a basketball as a reference for the size of a cubic foot. She stated that in July the flow was 643 cubic feet per second. She provided a photo of concrete and possible riprap in front of Farm Creek and noted the power of the water. She asked everyone to be mindful of what impacts Farm Creek.
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Pat Wagner came forward to continue her view on the repairing forest around Farm Creek. She stated a tree is only as strong as the forest around it and that each tree has its purpose. She also stated that the tree community's goal is stability and they work with sun light, water and soil. She noted the biology of a tree and how each part works in its community. Ms. Wagner also stated that memories and adaptations are stored in the trees and noted the problem with planting new trees is futile. She said a ten-foot tree has roots that are twenty-feet a beyond. She noted that younger trees are abbreviated and uproot

easily. Ms. Wagner stated a healthy community of trees is helpful to us because they filter the air, prevent erosion, and they water the continent. They also work with the wind and evaporation. She stated that the trees ask us to leave them alone and the communities are not laid back. They have firm rules and their vulnerability is a question of stewardship. Ms. Wagner also stated the best time to study environmental impacts was twenty years ago and the next best time is today. She asked everyone to consider the impact on the trees and forests.

Allison Montgomery stood and shared that she is trying to use the City website to track documents but can't find some of them. She stated the past minutes that she is having difficulty finding. She stated that she doesn't understand when to use commissions versus committees. Ms. Montgomery asked for future corrections to be made with red lines to see the changes more easily. She noted a few minutes that should show changes but do not show them yet. She shared the price of the backhoe in one set of minutes is different than her notes as well as the presence of a City Attorney. She asked for improvements.

Announcements and Proclamations

Phase 2B Alternate Analysis – Analysis Methodology

Howard Hamilton from Hamilton Consulting Engineers provide a presentation containing details about the next steps in the Farm Creek Phase 2B Project. He provided a slide show which is attached. In his presentation emphasized the replacement project goals including being accessible for maintenance, aware that Farm Creek is constantly moving, achieve durability, be cost effective and consistent of long-range plans. He noted the homeowner's have goals to avoid crossings as much as possible, avoid as much wetland as possible, reduce the destruction of trees, and avoid archeological areas. Mr. Hamilton shared that he will return to Council meetings whenever needed and is available 24-7 as phones are forwarded to his cellphone. He shared that Jeff Snape was present for the interview process. He stated that this is very detailed, real time, elevation data. He also shared that items put on the previous report, now include the elevations. Mr. Hamilton explained that one of the proposed alignments goes through a fifty-foot hill. He stated that each line in the report is color coded and if needed they can move the lines around. He stated that that they start the analysis broader, not knowing about trees or hills until they get more detailed in the planning process. Mr. Hamilton explained the project milestones as first collecting data, then sitting with staff to learn more about the situation. He noted that staff is trying to please as many homeowners as possible. He also stated that we need to walk the proposed line and share goals to figure out how to bring them all together. After this, they will give a draft report. Mr. Hamilton stated that the report is a living document that can be adjusted and made better. He noted that they can include community outreach and create a website as part of the process. He said that they will hold public hearings but these can become emotional. It is at these meeting we hear concerns and can address them with some thought. Then the final report will begin. Mr. Hamilton stated that several components go into the final report and each project has different reports. These components may include permitting issues, preferences of City staff, cost effectiveness, and constructibility. He shared that the final report will be a permanent document and the point of the report is to give Council something to show why they make the decisions they make.

Mayor Manier asked City Engineer Carr to explain how they chose this consultant. Mr. Carr shared they created a committee of Alderperson Brownfield, Alderperson Blundy, Planning and Zoning Director Oliphant, Utilities Director Rittenhouse, and City Engineer Carr. Mr. Carr stated that they discussed this at length and came up with Hamilton Consulting. Alderperson Brownfield noted that Hamilton Consulting has done other projects similar to this and they know what they are doing. Alderperson Blundy noted that the pre-work they had done was impressive and noted some of the prepared items weren't covered by other consultants. He also noted that we had three distinct "flavors" of applicants. Group 1 was purely engineering, Group 2 wanted to start at ground zero and throw out everything that has already been started and this group, Group 3 seemed to have the best of both.

Alderperson Stevens likes that this is more than just a final report, it's an opportunity to give input and understand what is going on in the project.

Finance & Personnel Committee

In the absence of a chairman, Alderperson Butler shared that there are no items to bring forward from the Finance & Personnel Committee.

Public Safety Committee

Chairman Brian Butler, Public Safety Committee, shared that there are no items to bring forward at this time.

Public Works Committee

Chairman Mike Brownfield, Public Works Committee, introduced Utilities Superintendent, Brian Rittenhouse who shared that the Public Works department is reviewing the generator at Waste Water Treatment Plant #2. They are looking at prices and possibly a new location for the generator. They are also considering if the electrical need to be upgraded. Mr. Rittenhouse shared that the CIPP lining is done on the East side of town and they are now working on Westlake. He also noted that a lift station had an issue that they are addressing and making sure it doesn't happen again and Parr Hue should finish up soon.

City Engineer Dennis Carr provided updates on several projects. He noted that staff and residents are getting frustrated with Prairie View because of delays. He also shared that the Hilldale job has curb that is mostly done but some details around ramps will be done by hand. He noted that landscape subcontractor on the Hilldale Project is different from the Bobolink Project. He went on to share that Lawndale, Holland or Bobolink residents might be upset to see Kelch working in the new areas but to note that they are using a different contractor. Mr. Carr shared that North Street is finishing the Ameren utility work and the street will be closed soon for additional work. He noted that the homes on the East side of North Street will need to use a detour.

Planning and Zoning Director, Jon Oliphant shared that the next Comprehensive Plan Open house is tentatively set for October 28th and they will have a more details after they confirm room availability.

Chairman Brownfield shared that there were issues with the chip seal last year and they are correcting the issues with a FOG seal. He said it is now a nice hard surface and he appreciates UCM for taking care of the situation.

Mayor

Alderperson, Board and Commission Appointments

Mayor Manier introduced Aaron Boyles to fill the vacant office of Ward 4 Alderperson. Mayor Manier shared that approximately six people contacted him regarding the position and Mr. Boyles appears to be a good fit.

Alderperson Dingledine moved and Alderperson Brownfield seconded.

Alderperson Stevens stated that she has issues with the current appointment process even knowing that it follows State Statutes. She asked why this is so quickly put on the agenda. She read aloud statements that appear on the website regarding community involvement. She said that other communities include people in the process. She stated that she wishes there was more transparency.

Motion carried by roll call vote:

Ayes: 6 Adams, Blundy, Brownfield, Butler, Dingledine, Yoder

Nays: 1 Stevens

Mayor Manier shared that Denny Dingledine has expressed his interest in the Historic Preservation Commission. Mayor Manier thinks he will be a good fit.

Alderperson Brownfield moved and Alderperson Adams seconded.

Motion carried by roll call vote:

Ayes: 7 Adams, Blundy, Brownfield, Butler, Dingledine, Stevens, Yoder

Nays: 0

2nd Reading Ordinance: Mayor Manier provided the first reading of the following ordinance, by title and brief synopsis: The following ordinance would annex a parcel of 910 S. Main Street totaling 1.32 acres into the City of Washington Corporate Limits.

*Annexation of
910 S. Main Street*

Aldersperson Dingledine moved and Aldersperson Adams seconded.

Motion carried by roll call vote:

Ayes: 7 Adams, Blundy, Brownfield, Butler, Dingledine, Stevens, Yoder

Nays: 0

1st Reading Ordinance: Mayor Manier provided the first reading of the following ordinance, by title and brief synopsis: The following ordinance would annex a parcel of 910 S. Main Street totaling 1.32 acres into the City of Washington Corporate Limits.

*Sanitary Lateral
Ordinance*

Aldersperson Butler noted that the briefing was omitted from the Committee of the Whole and he wonders where it is. City Engineer Carr shared that he can bring it to the next Committee of the Whole to discuss. Aldersperson Butler noted that we need to discuss this so we can better understand the new ordinance.

1st Reading Ordinance: Mayor Manier provided the first reading of the following ordinance, by title and brief synopsis: The following ordinance would annex a parcel of 910 S. Main Street totaling 1.32 acres into the City of Washington Corporate Limits.

*Entry Upon Premises
Ordinance*

**Aldersperson's
Comments**

Aldersperson Adams asked about the issues with the website. Clerk Brod clarified that the website has been under construction for some time and that staff recognizes it can be frustrating. She stated that the revised website should correct many of the issues that were brought up.

Executive Session

At 7:22 p.m. Aldersperson Dingledine moved and Aldersperson Butler seconded to move into Executive Session for the purpose of setting the price for sale or lease of property owned by the public body." (5 ILCS 120/2(c)(6)) and/or for the purpose of the operation by a municipality of a municipal utility or the operation of a municipal power agency or municipal natural gas agency when the discussion involves (i) contracts relating to the purchase, sale, or delivery of electricity or natural gas or (ii) the results or conclusions of load forecast studies. (5 ILCS 120/2(c)(23))

Motion carried by roll call vote:

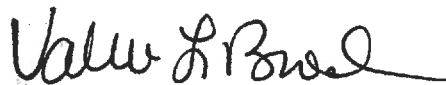
Ayes: 7 Adams, Blundy, Brownfield, Butler, Dingledine, Stevens, Yoder

Nays: 0

Adjournment

At 7:45 p.m. Aldersperson Stevens moved and Aldersperson Adams seconded to move.

Motion carried unanimously by voice vote.



Valeri Brod, City Clerk

The new Washington Sewer Trunkline must avoid impacts to Farm Creek. Priorities in the Alternative Analysis for Phase 2B must be protecting Farm Creek from intrusion and minimizing impacts to existing forests and locations with natural springs and wetlands.

The United States Geological Survey data on Farm Creek, government year October 1, 2019, to September 30, 2020, is the most recent available. It lists that the maximum creek flow of water was estimated at 643 cubic ft. per second on July 15th. For that year, the annual mean was 42.6 cubic ft. per second, compared to the historical average annual mean from 1949-2020 which was 23.2 cubic ft. per second.

Source: https://waterdata.usgs.gov/nwis/wys_rpt/?site_no=05560500

A cubic foot is like a box of water measuring one foot by one foot by one foot. The USGS defines cubic foot per second (cfs) as "the flow rate or discharge equal to one cubic foot of water per second or about 7.5 gallons per second." A cubic ft. per second is approx. basketball size. Visualize 643 basketballs every second flying by you.

An existing sewer line manhole next to Farm Creek is in the photo below from August, 2021. Risk of sewage contamination to the creek is serious for every sewer line crossing.



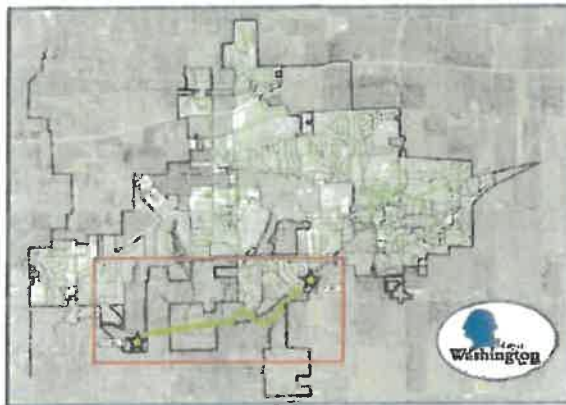
Pieces of concrete used as rip-rap have been moved downstream by the force of Farm Creek in the photo below from August, 2021. The new sewer trunk must avoid Farm Creek crossings.





CHANGING THE WAY WE WORK

Proposal to Conduct a
3rd Party Alternative Alignment Analysis
for the
Farm Creek Trunk Sewer
City of Washington, Illinois



Hamilton Consulting Engineers, Inc. September 8, 2021

2195 Executive Dr. Joliet, IL 60431-8401 - HamiltonConsultingEngineers.com - 815.738.3444 - 815.738.6783



Hamilton Consulting Engineers, Inc.

Kristen R. Hamilton, Chairman/CEO
Howard J. Hamilton PE, CFM, CPESC

QA/QC
Project Manager



Purposes of the FCTS Replacement Project

- IEPA mandate to decommission STP No. 1
- Age and condition of the existing sewer system
- Excess flow conditions during wet weather (I&I)
- Operation and maintenance issues along the creek
- Future development exceeding current sewer capacity



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Goals for the FCTS Replacement Project

City-Stated Goals

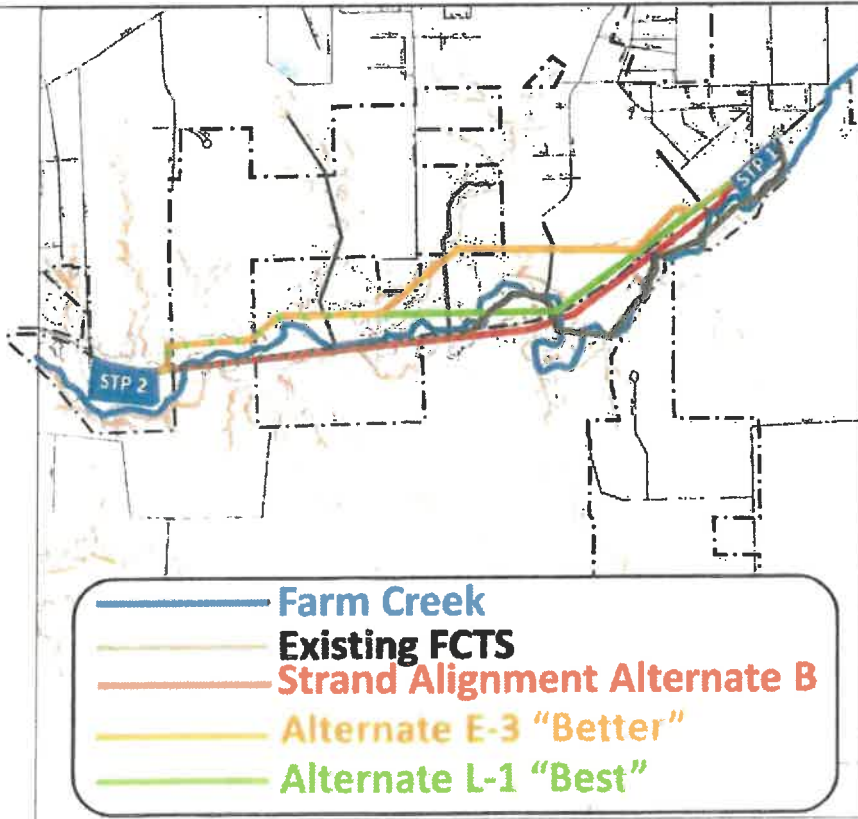
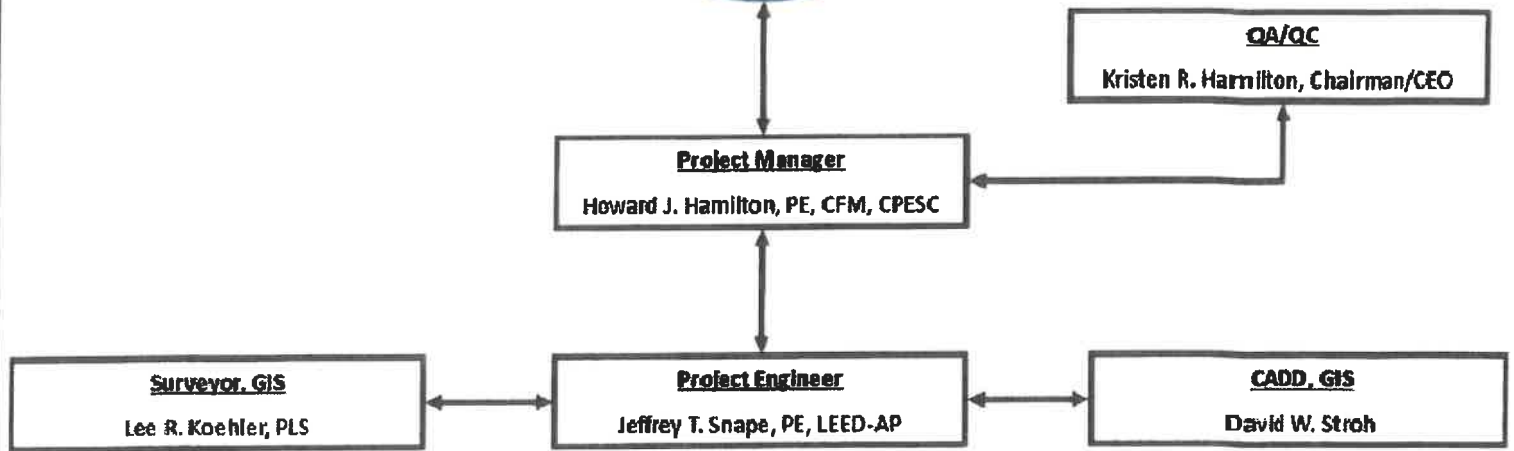
- Be accessible for maintenance
- Limit number, size, and impact of easements required
- Protect the new sewer from instability and erosion of Farm Creek
- Achieve durability and reliability for trunk sewer function and operation
- Be respectful of nature and the environment
- Cost-effective solutions – construction and O&M
- Be responsive to and consistent with long-range plans, initiatives, and missions:
 - City of Washington, Tazewell County, Regional
 - IDNR and IEPA
 - Illinois Forestry and Forest Action Plan
 - USACE and USEPA

Homeowner-Stated Goals

- Avoid Farm Creek crossings
- Avoid wetland and floodplain areas
- Avoid potential for pollution and contamination of surface water and land
- Avoid destruction of trees and endangered species habitat
- Avoid archaeologically significant areas
- Maximize alignment within open access corridors
 - Ease of access during construction and maintenance
 - Faster land recovery rate post-construction



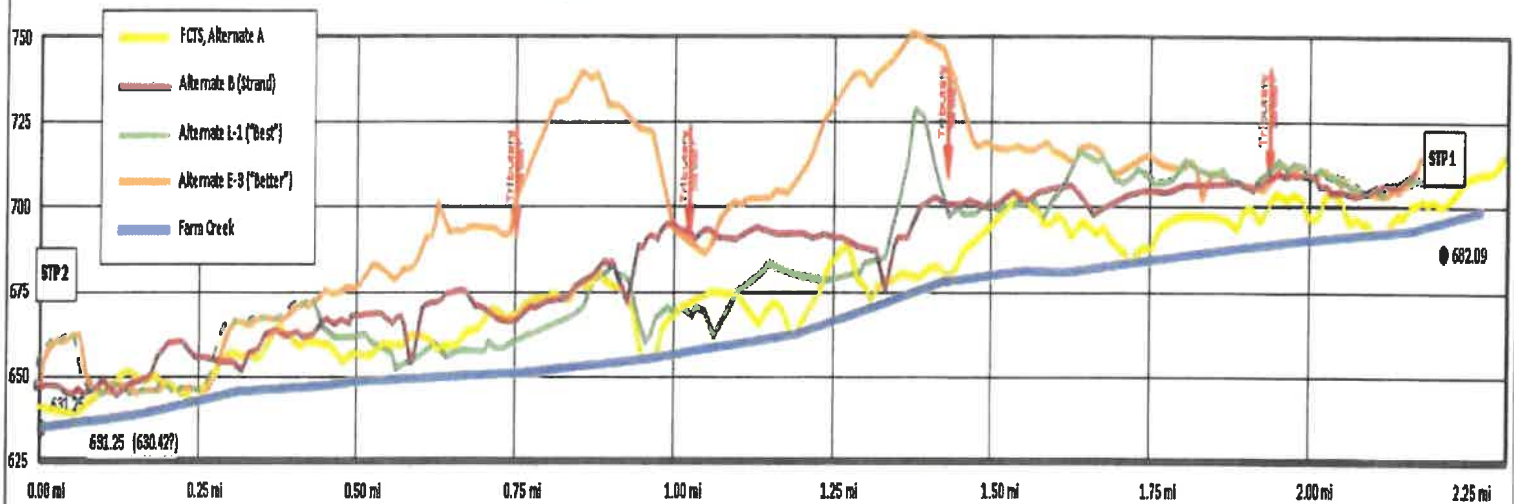
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Trunk Sewer Alignment Options



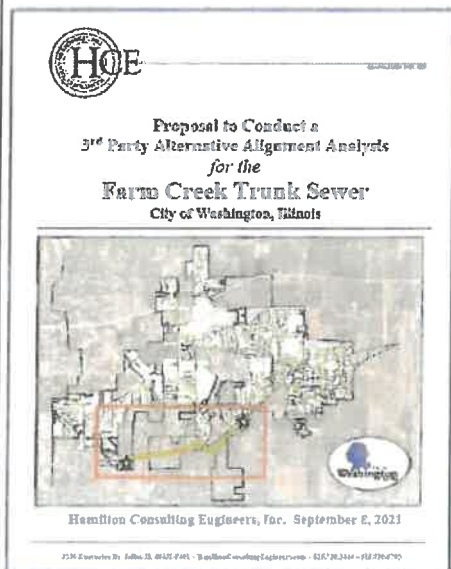
Comparative Profiles



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Process Milestones

1. Collect Data
2. Interview City Staff
3. Interview Homeowners
 - a. Walk the alignment with stakeholders
4. Draft Report
5. Report Revisions
6. Public Hearing
7. Final Draft Report
8. Presentation to Council
9. Final Report



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Technical Components of the Final Report

- a. Environmental Impacts
- b. Cultural Resource Impacts
- c. Landowner Impacts (easement locations)
- d. Accessibility
- e. Future Service Area Expansion Opportunities
- f. Permitting Issues (IDNR, USCOE, IEPA)
- g. Licensing, Crossing Agreement Requirements
- h. Impact On Residents of the City (immediate and long-term)
- i. Opinions of the Residents of the City (if any)
- j. Preferences of City Staff
- k. Cost Effectiveness (short-term and long-term costs)
- l. Constructability
- m. Others as found necessary
- n. Meeting memoranda



QUESTIONS?

Kristen R. Hamilton, Chairman/CEO

Howard J. Hamilton PE, CFM, CPESC

QA/QC

Project Manager

