

Linwood Neighborhood Association Meeting

Stormwater Update Feb. 8, 2023

Presented by:

Jennifer Dyke – Assistant Director, Stormwater Program Management Transportation & Public Works Dpt. (TPW)



- Request for Qualifications
- Potential Detention Evaluation
- Manhole Surcharging
- Storm Drain System Condition



Request for Qualifications- Linwood / W 7th Flood Mitigation

RFQ Purpose: ID highly qualified consultant engineer to plan, develop and

design a project to mitigate flooding

Timeline:

- Feb. 24 RFQ closes
- May 2023- Contract to begin engineering
 - Review/score submittals to ID most qualified
 - Negotiate scope and fee
 - Request approval from Mayor & Council
 - Execute contract and issue notice to proceed
- Due to the complexity of the network, it may take roughly 1.5-2 years to plan the overall project and develop and design the first *feasible* phase
- Funding will be needed for project construction



Potential Detention Evaluation

- High level evaluation of potential stormwater detention at Jesse D.
 Sandoval Park to understand effectiveness/benefits to reducing structure flooding
- Timeline for findings
 Spring 2023



Manhole Surcharging

- Surcharging is common due to the undersized nature of the system
- We cannot prevent surcharging from manholes/inlets
- This would push surcharging to a different location, which would then increase flood risk in a different location
- Any modifications to the system must be evaluated to make sure we aren't moving the flood risk to another location

Templeton Manhole Evaluation

- Currently evaluating placement of a special manhole cover (Hydrovent) in the location that has the most documented surcharging to
 - Continue to allow surcharging safely
 - Ensure manhole cover doesn't fly off during an event
 - Not move flood risk to another location
 - This will not address system capacity
- System evaluation and installation in second quarter of 2023



Existing Manhole Cover



Proposed: Hydrovent



Condition of Storm Drain System

- We have evaluated the system to ensure there are no clogs
- Inlets are checked pre/post storm event for potential blockages
- If you see a blocked inlet, report it via MyFW App or 817-392-1234





Updates

https://www.fortworthtexas.gov/departments/ tpw/stormwater/linwood-neighborhoodflooding

If you have questions or concerns about drainage, you can:



Use <u>MyFW App</u> to report flooding or clogged storm drains.



CALL
City Call Center
(817) 392-1234



EMAIL
StormwaterCS@
FortWorthTexas.gov



report

 $Home \ / \ Departments \ / \ Transportation \& Public Works \ / \ Stormwater Management \ / \ Linwood \ Neighborhood \ Flooding$

Linwood Neighborhood Flooding



A neighborhood meeting was held on September 8, 2022, to discuss residents concerns about flooding in the Linwood neighborhood during the August 21-22, 2022 rain event.

For additional information, contact: Jennifer Dyke, Stormwater Program Manager 817-392-2714 Jennifer.Dyke@fortworthtexas.gov.

Meeting Information

Linwood Neighborhood Meeting Video, Sept. 8, 2022

Linwood Neighborhood Meeting PowerPoint Presentation, Sept. 8, 2022 (PDF, 12MB)

FEMA Flood Risk Letters

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Stormwater > Floodplain Management & > Regulations Flood Warning > Drainage System Maintenance > Residential Lot Grading > Stormwater Criteria Policy (iSWM) > Stormwater Fee >

Quick Links

Customer Service

- · Ways to report Drainage issues
- View <u>Stormwater Utility rates</u> and other information.
- View our <u>Stormwater Runoff</u>
 <u>Rundown Newsletter</u> (PDF, 8MB) for additional information.
- If you have reported a stormwater issue or received a door tag from city staff, let us know about your