

TO: Mayor & City Council
FROM: Paul Senst, Director of Public Works
DATE: September 16, 2020
SUBJECT: Stormwater Efforts



Meeting Date: 9/21/20
Agenda Item:

REQUESTED ACTION

Informational presentation on the work performed regarding Stormwater in 2019 and 2020.

BACKGROUND

There are five different areas of focus for Public Works regarding Stormwater. The first is centerline culverts, which move stormwater under our road ways. The second is ditching, which moves stormwater along our roads. Ditch work includes digging and mowing efforts. The City also does work with driveway culverts – which move stormwater along the roadway, but under driveways. Finally, there is stormwater pipe work and street sweeping.

The included maps outline work performed since 2019 that includes centerline culverts. Hermantown’s Public Works team installed five of these culverts in 2019. In 2020, all of the new centerline culverts have been outsourced as part of larger projects – with Dirt Inc. placing three on Okerstrom Road (and removing a fourth) and several being included in the 2020 portion of the Road Improvement Plan.

In terms of driveway culverts, we replaced six in 2019 and by the time work is complete in 2020, we will have done another 20. This does not include the 50+ driveway culverts that have been included in the 2020 portion of the Road Improvement Plan, which are also part of our stormwater system. This bring the total number of new driveway culverts in Hermantown to roughly 80.

Ditching has been performed in a few areas across Hermantown, also noted in the attached maps. Lightning Drive and Stebner Road received ditching, while sections of Okerstrom, Arrowhead, Getchell, and all the 2020 portion of the Road Improvement Plan were also ditched. Mowing efforts are also part of the ditching, which was performed all throughout Hermantown.

In terms of street sweeping, we picked up 500 cubic yards of sand from Hermantown streets utilizing three employees over the month we rented the sweeper. On the stormwater pipe work front, the purchasing of the vacuum trailer allowed us to increase our efforts to 1000 feet of cleaning and roughly two dozen storm basins, rather than having to outsource that work.

SOURCE OF FUNDS (if applicable)

N/A

ATTACHMENTS

Maps regarding work are included.