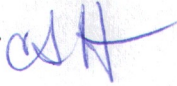


TOWN OF OCEAN VIEW
DELAWARE

November 8, 2022

TO: Honorable Mayor and Council

FROM: Kenneth L. Cimino, Director of Planning, Zoning & Development

VIA: Carol S. Houck, Town Manager 

SUBJECT: Monthly Update for the Dept. of Planning, Zoning & Development as of November 3, 2022

Maintenance & Operations

Curb repairs ahead of the resurfacing project along October Glory Avenue in Bear Trap Dunes completed on October 20, 2022.

Sidewalk repairs along Woodland Avenue between Central and SR 26 were completed on September 29, 2022.

Drainage pipe inspection in the Hunters Run Community was completed this fall. The existing Asphalt Coated Metal pipes leading to Pond No.1 were the focus of this study. Also inspected was the existing Asphalt Coated Metal pipe that runs from Pond No.1 under Alley 7 for approximately 250 feet. The study concluded that the drainage network is in satisfactory to good condition. The study recommended that one small void in Pipe No.1 under Alley 7 be repaired. Routine cleaning of the pipe network should also be added to our drainage program. The summary draft report is attached for your information.

Capital Improvement Projects

The parking lot at 33 West Avenue should be completed this week after trees and shrubs are installed.

Design of the final segment of sidewalk along Woodland Avenue between Hudson Avenue and SR 26 continues.

Design of sidewalks along Daisey Avenue has been completed. A public meeting to discuss the project was held at 32 West Avenue on Tuesday, October 25, 2022. Councilman Cobb was in attendance.

Design of the final phase of drainage improvements in Country Estates is ongoing. This project should be out for bid in the spring of 2023.

Design of the final phase of drainage improvements in Woodland Park has begun. Survey crews will be in the community over the next several weeks. This project will address drainage concerns along Pine Lane, Maple Lane, and Maple Way.

Design of intersection improvements to Wedgefield Boulevard at Central Avenue has started. This project will modify the turning radius from Central Avenue to Wedgefield Boulevard to allow for school buses to enter the community and pick up children for school.

Design of the Lord Baltimore Elementary School Footbridge is wrapping up. The design team met with the Preserve Community to discuss the project and determine what type of vegetative screening was needed.

Traffic and Safety

A traffic study has begun along West Avenue to determine the effectiveness of the streetscape project as it relates to speed along the segment between Route 26 and Oakwood Avenue. This study will also be looking at cut-through traffic from Route 26 to Central Avenue and ways to mitigate it.

DelDOT will be installing a Rectangular Rapid Flashing Beacon (RRFB) on Central Avenue and the Assawoman Canal Trail crossing. The work is scheduled for this November. The RRFB is like the traffic control device on Fred Hudson Road at the trail crossing. (see attached notice).

Code Enforcement

We issued **four (4)** violations for failure to obtain a business license and/or building permit and **three (3)** fines for violation of the town code and Ordinance 380. Staff issued **two (2)** notices as a follow up on potential rental properties without a current rental license. We continue to monitor properties for tall grass and other property maintenance violations.

Permits & Certificates of Occupancy (C.O.'s)

Total building & sign permits issued in October: **29**

Total C.O.'s issued in October: **32**

Business & Rental Licenses

- Total Business & Rental Licenses issued for CY22: **1367**

Meetings

I will be attending a meeting with DNREC for the Deep Hole Tax Ditch and representing the town as a Tax Ditch Officer. This public meeting is scheduled for November 15, 2022 at 6:30 p.m. at 32 West Avenue.



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. BOX 778
DOVER, DELAWARE 19903

NICOLE MAJESKI
SECRETARY

MEMORANDUM

TO: Peter Haag, Chief of Traffic Engineering
VIA: Max Saintil, Traffic Systems Design Manager
FROM: Matt Buckley, Traffic Systems Design Engineer **mjb**
DATE: 8/31/2022
SUBJECT: **Supporting Section Clearances for Traffic Section On-Call Construction Project**

The Delaware Department of Transportation (DelDOT) Traffic Section has prepared final construction plans for the project stated below and reference materials have been verified, as noted below, for field implementation via on-call construction contract (DOT2105.02 Traffic Signals and DOT2106.02 Emergency ITS and Traffic Maintenance) – Traffic Signals, Lighting, and ITS Installation, Statewide), or fiber contract (DOT1885F ITMS Fiber Network). The items noted below were completed prior to the commencement of construction:

Contract No. T202304001
F.A.P. No. ESTP-2023(01)
Project Title FY23 I.I.: Central Ave (Ocean View) @ Assawoman Canal Trail RRFB installation
Permit No. S425

Right of Way

- ☒ No anticipated right of way impacts based on archived plans, tax map research, and field assessments
- ☐ Executed and/or recorded Traffic Signal and Maintenance Agreement on file – see enclosed approved plan(s)
- ☐ Enclosed Right of Way Certificate dated

Environmental Studies

- ☒ Enclosed Categorical Exclusion dated 8/25/2022

Utilities

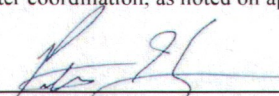
- ☐ No anticipated utility involvement based on archived plan research, Miss Utility of Delmarva notification, and field assessments
- ☒ Utility coordination, as noted on approved plan(s) – see enclosure

Railroad

- ☒ No anticipated railroad involvement based on archived plan research and field assessments
- ☐ Railroad coordination, as noted on approved plan(s) – see enclosure

Stormwater

- ☒ No anticipated stormwater involvement based on archived plan research, disturbance area (<5000 SF), and field assessments
- ☐ Stormwater coordination, as noted on approved plan(s) – see enclosure

Concurred by: 
Chief of Traffic Engineering

Date: 8/31/2022

Enclosures
cc: Project File



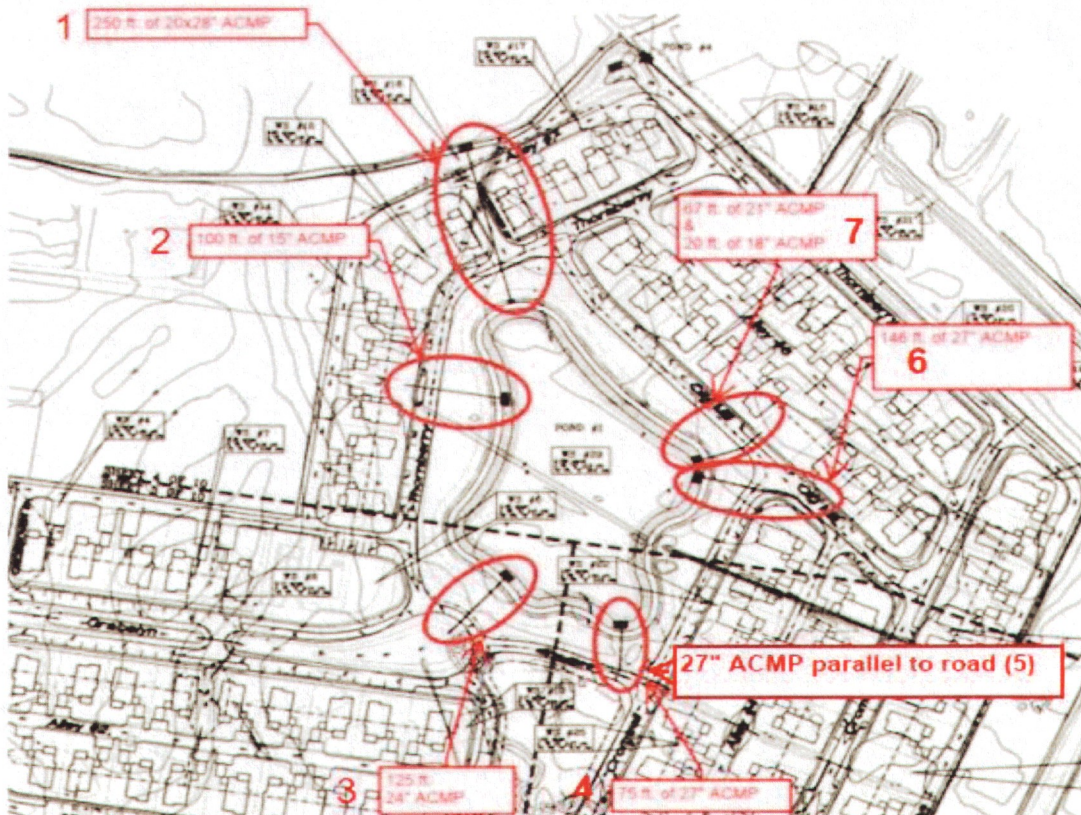
October 13, 2022

Kenneth L. Cimino
Town of Ocean View
Director of Planning, Zoning & Development
201 Central Ave. – 2nd Floor
Ocean View, DE 19970

RE: Hunter's Run Drainage Evaluation
Town of Ocean View, Delaware
Contract No. OV21-0001, Task 12
WM No.: 220024.0012

Dear Kenneth Cimino:

Wallace Montgomery (WM) is pleased to submit this drainage evaluation for the Town of Ocean View (Town) at the Hunter's Run Community Stormwater Facility. We performed a physical and video (scoping) condition inspection of four (4) asphalt-coated corrugated metal pipes (ACMP) on September 13, 2022. The inspections were performed by Standard Pipe Services, LLC (SPS) and David LaBella, PE of WM. Since the diameters and length of these pipes are very small and inaccessible for a hands-on inspection (HOI), we utilized SPS to clean and video scope the pipes to ascertain a more detailed and accurate depiction of the structure condition. The project area is shown below and in Photo 1.



CONDITION INSPECTION

The following observations were made during the pipe inspections:

Pipe #1: ACMP – 20" x 28", 250 ft length (under Alley 7) – This pipe was successfully accessed and camera scope-inspected (see Photo 2). The pipe was observed to be in good condition with light surface rust present and no evidence of section loss (see Photos 3 and 4). A minor deformity (buckling) exists approximately 73' from the inlet. This deformity is about 1" in size and 1' in length and is located in the 10 o'clock position (see Photo 5). It is likely that a small void exists behind the pipe shell. At approximately 104' from the inlet, the pipe was completely submerged in water, and therefore, the scoping inspection was abandoned.

Pipe #2: ACMP – 15" dia., 100 ft. length – This pipe was inaccessible and not inspected. The outlet is buried at the Hunter's Run pond entrance. The only inlet opening is located along a 1" wide narrow drain transverse to the road. Therefore, camera scoping not feasible (see Photos 6-8).

Pipe #3: ACMP – 24" dia., 125 ft. length – This pipe was successfully accessed and camera scope-inspected (see Photos 9 and 10). The pipe is in good condition with very light surface rust present and no evidence of section loss (see Photos 11 and 12). Approximately 53' from the inlet, an obstruction was encountered that appears to be a 1" vertical PVC rod, driven through the top of the pipe (see Photo 13). At that location, the scoping inspection was abandoned. This rod apparently does not compromise the structural integrity of the pipe. Also, we did not see any evidence of the rod on the surface.

Pipe #4: ACMP – 27" dia., 75 ft. length – This pipe was successfully accessed and camera scope-inspected (see photo #14). The pipe is in good condition with very light surface rust present and no evidence of section loss (see Photo 15). At approximately 16' from the inlet, the pipe was completely submerged in water, and therefore, the scoping inspection was abandoned.

Pipe #5: ACMP – 27" dia., unknown length – This pipe was successfully accessed and camera scope-inspected (see Photo 16). The structure is parallel to Thornberry Dr., adjacent to Gracelyn Drive and was not originally in the project scope. However, we inspected it since the inlet/catch basin is in the same location as Pipe No. 4. The pipe was scoped for a length of 60', until the next catch basin was encountered. It is in good condition with very light surface rust present and no evidence of section loss (see Photos 17 and 18).

Pipe #6: ACMP – 27" dia., 146 ft. length – This pipe was inaccessible and not inspected. At the time of inspection, the structure was mostly submerged at inlet along the road (see Photo 19). Therefore, pumping was not feasible since the entire pond would have to be drained. The pipe's outlet was buried in several feet of water at the pond entrance.

Pipe #7: ACMP – 21” dia., 67 ft. length/18” dia., 20 ft. length (single structure, two diameters) – This pipe was inaccessible and not inspected. At the time of inspection, the structure was completely submerged at the inlet along the road (see Photo 20). Therefore, pumping was not feasible since the entire pond would have to be drained. The pipe’s outlet was buried in several feet of water at the pond entrance.

Notes:

1. Videos of all four inspected pipes are available. See Appendix A for SPS’s report.
2. The date stamps on the photographs inside the pipes are incorrect. The date of the actual inspections is September 13, 2022. See Appendix B for report photographs.

HYDROLOGIC AND HYDRAULIC (H&H) EVALUATION

A Hydrologic and Hydraulic (H&H) evaluation was performed for the 28” x 20” ACMP outfall from Pond 1 (Pipe 1 as defined above). The H&H evaluation was based pipe data (e.g. pipe size/inverts/slope/entrance conditions/roadway data/etc.) from the as-built plans and performed using the FHWA computer program HY-8. See Appendix C for the H&H evaluation results.

The evaluation indicates that for the 10-year discharge (17.76 cfs) listed on the as-built plans, the 28” by 20” ACMP conveys just over half the flow and that overtopping of Thornberry Road and Alley 7 occurs. A cursory analysis indicates that by adding a second 28” x 20” ACMP, overtopping of the roadway might be prevented.

If flooding of homes and roadways adjacent to Pond 1 is a concern, more survey data and more detailed H&H analyses would be needed to thoroughly design an upgrade to the Pond 1 outlet.

CONCLUSIONS

Overall, the pipes are in satisfactory to good condition. Only minor rusting and no section loss of the corrugated metal was observed. We feel we have sufficient evidence to determine that the condition of the remaining portions of the inspected pipes, and the inaccessible pipes is representative of the portions that were scope-inspected. At this time, we feel there is no need to line any of the pipes or perform any major rehabilitation or replacement

RECOMMENDATIONS

Below is a list of our recommendations for pipe maintenance and repairs:

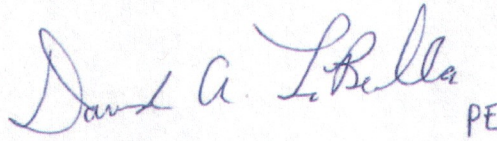
1. Clean pipes of any debris to allow stormwater to freely pass into the inlets and through the pipes into the stormwater management pond.
2. Grout behind the void located at the 73’ location of Pond #1 (under Alley #7). Re-inspect this pipe at the time of this repair for any additional found voids.

Hunter's Run Drainage Evaluation
Contract No. OV21-0001, Task 12
WM No.: 220024.0012
October 13, 2022
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We are available to discuss this report further with you. If you have any questions or require additional information, please advise us.

Very truly yours,

WALLACE, MONTGOMERY & ASSOCIATES, LLP



David A. LaBella, P.E.
Vice President

DMO/DAL/ald
Task 12 Report.docx
Enclosures