

**ARLINGTON RIDGE  
COMMUNITY DEVELOPMENT DISTRICT**

**WORKSHOP AGENDA PACKAGE  
OCTOBER 20, 2022 at 12:30 p.m.**

**Participation via Zoom:**

<https://zoom.us/j/3797970647>

OR dial 415-762-9988 or 646-568-7788, ID 3797970647

# Arlington Ridge Community Development District

## Board of Supervisors

Bill Middlemiss, Chair  
Claire Murphy, Vice-Chair  
Steven Braun, Assistant Secretary  
Robert Hoover, Assistant Secretary  
James Piersall, Assistant Secretary

## Staff:

Angel Montagna, District Manager  
Jennifer Kilinski, District Counsel  
David Hamstra, District Engineer  
Brett Perez, Area Field Director  
Jackeline Garcia, Resident Services  
Robert Sardinias, Facilities Manager  
Frank Bruno, General Manager

## Workshop Agenda

Thursday, October 20, 2022 – 12:30 p.m.

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1. Call to Order / Roll Call
2. Pledge of Allegiance
3. Audience Comments on Agenda Items – *Three- (3) Minute Time Limit*
4. Discussion Items
  - A. Engineering
    - i. Annual Inspection Report
      - a. Stormwater Infrastructure
      - b. Roadway and Golf Course
    - ii. Proposal for Work on Hole #6
5. Supervisor Comments
6. Public Comments
7. Adjournment

### District Office:

#### Inframark

313 Campus Street, Celebration, FL 34747  
407-566-1935  
[www.ArlingtonRidgeCDD.org](http://www.ArlingtonRidgeCDD.org)

### Meeting Location:

#### Fairfax Hall

4475 Arlington Ridge Blvd., Leesburg FL 34748  
Participate remotely: Zoom <https://zoom.us/j/3797970647>  
OR dial 415-762-9988 or 646 568-7788, ID 3797970647

# **Section 4**

## **Discussion Items**

**Subsection 4A**

**Engineering**

# **Subsection 4Ai**

## **Annual Inspection**



## PROJECT MEMORANDUM

**To:** Arlington Ridge Community Development District Board of Supervisors

**From:** David Hamstra, P.E., CFM *DH*  
District Engineer

**Date:** October 11, 2022

**Re:** **Arlington Ridge Community Development District**

**Subject:** **Annual Inspection Report**

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The purpose of this Project Memorandum is to document the annual site inspection associated with the Stormwater Management System (i.e., stormwater ponds, control structures, outfall pipes, and inflow pipes), as well as rights-of-way (roadways) and golf course. In addition, this Project Memorandum will also recommend the immediate drainage maintenance improvements (i.e., this current fiscal year) and the short-term drainage maintenance improvements (Fiscal Year 2022/2023).

Pegasus Engineering (David Hamstra) conducted site inspections on April 17, 2022, and April 29, 2022, to assess the condition of the existing stormwater management systems. More specifically, Pegasus Engineering (David Hamstra) inspected all the existing stormwater ponds, control structures, culverts, outfall pipes, and inflow pipes to identify and prioritize any required repairs (refer to **Exhibit 1** for the Arlington Ridge Stormwater Management System). The following table is the breakdown of the various stormwater elements that encompass the Stormwater Management System, of which most of them were inspected on April 17, 2022, and April 29, 2022. It should be noted that there were several structures that were under water, or otherwise could not be located during the time of inspection (refer to **Exhibit 1** for the structure locations that were not inspected).

Stormwater Element	Quantity
Stormwater Ponds (40 numbered and 2 un-numbered)	42
Control Structures and Outfall Pipes	23
Concrete Overflow Weirs	2
Culverts (2 culverts cross Arlington Ridge Boulevard)	8
Inflow Pipes with End Treatments	58
Storm Sewer Pipes	46,750 linear feet

In general, the observed issues encompass varying levels of erosion and undermining and a few structural issues. Refer to **Attachment "A"** for the annotated April 17, 2022, site inspection photographs and **Attachment "B"** for the annotated April 29, 2022, site inspection photographs.

Based on the 2022 Annual Stormwater Inspections, we recommended that the CDD address the following two (2) locations this current fiscal year (refer to the CDD Drainage Exhibit for the location and structure number):

- **Pond P-12-2 (Structure B) (Hole #3 Fairway)** – Backfill, compact, re-grade, install turf reinforcement mat, geotextile blanket, concrete riprap, and sod (refer to photographs 1 and 2 below).



*Photograph 1*



*Photograph 2*

- **Pond P-CH (Structure A) (Hole #1 Tee Box)** – Backfill, compact, re-grade, install geotextile blanket, concrete riprap, and sod. Additional concrete curbing needs to be installed to prevent water from bypassing the flume (refer to photographs 3 and 4 below).



*Photograph 3*



*Photograph 4*

Beginning Fiscal Year 2022/2023 (i.e., beginning October 1, 2022), we recommend that the CDD undertake the following four (4) locations:

- **Pond P-6-2 (Structure A) (Hole #15 Green)** – Backfill, compact, re-grade, install turf reinforcement mat, geotextile blanket, concrete riprap, and sod (refer to photograph 5).



*Photograph 5*



- **Pond P-17-4 (Structure B) (Hole #9 Tee Box)** – Backfill, compact, re-grade, install turf reinforcement mat, geotextile blanket, concrete riprap, and sod (refer to Photograph 6).



*Photograph 6*

- **Pond P-6-2 (Structure C) (Hole #16 Tee Box)** - Backfill, compact, re-grade, install turf reinforcement mat, geotextile blanket, concrete riprap, and sod (refer to Attachment “B”, Photograph No. 38).
- **Pond P-14-1 (Structure D) (Hole #5 Fairway)** – Backfill, compact, and sod all three (3) sides of the mitered end section. Also, remove the sediments within the pipe, re-grade, and install concrete riprap (refer to Attachment “A”, Photograph No. 54).

In addition to the recommended drainage maintenance improvements, the following is a list of maintenance improvements that can be addressed by Inframark, Brightview, and/or local contractor. Please note that the following list is in order of the observed conditions, not in order of priority (refer to the CDD Drainage Exhibit for the location and structure number):

1. **Pond P-CH (Structure C)** – remove the sabal palm tree adjacent to the drainage structure (refer to Attachment “A”, Photograph No. 10).
2. **Pond P-CH (Structure D)** – remove the vegetation adjacent to the drainage structure and underneath the skimmer blade (refer to Attachment “A”, Photographs No. 18 and 20).
3. **Pond P-15-1 (Structure B)** – add sod to the pond side slope in the vicinity of the culvert (refer to Attachment “A”, Photograph No. 17).

4. Pond P-15-3 (Structure B) – locate and expose the inflow pipe (refer to Attachment “A”, Photographs No. 46, 47, and 48).
5. Pond P-13-1 (Structure C) – locate and expose the inflow pipe (refer to Attachment “A”, Photograph No. 60).
6. Pond P-11-3 (Structure B) – cut flush the rebar extending above the top of the concrete end treatment (refer to Attachment “A”, Photograph No. 70).
7. Pond P-B1 (Structure C) – re-attach the skimmer blade on the south side of the control structure and replace the cracked skimmer blade on the north end (refer to Attachment “A”, Photograph No. 88).
8. Pond P-17-1 (Structure A) – install sod on all four (4) sides adjacent to the control structure (refer to Attachment “A”, Photograph No. 100).
9. Conservation Area (Structure C) – remove the vegetation adjacent to the control structure and underneath the skimmer blade (refer to Attachment “B”, Photographs No. 9 and 10).
10. Arlington Ridge Boulevard (Structure A) – remove the brush and vegetation downstream (east) of the culvert (refer to Attachment “B”, Photographs No. 14 and 15).
11. Pond P-4-1 (Structure A) – re-attach the skimmer blade to the control structure (refer to Attachment “B”, Photograph No. 21).
12. Pond P-5-1 (Structure A) – install sod on the pond side slope in the vicinity of the culvert and remove sediments within the culvert (refer to Attachment “B”, Photograph No. 28).
13. Pond P-5-2 (Structure A) – backfill, compact, and sod the scour area in front of the control structure (refer to Attachment “B”, Photograph No. 29).
14. Pond P-6-2 (Structure B) – install sod adjacent to the control structure (refer to Attachment “B”, Photograph No. 36).
15. Pond P-8-1 (Structure A) – install a new skimmer blade at the proper elevations (refer to Attachment “B”, Photograph No. 46).
16. Pond P-17-3 (Structure E) – backfill, compact, and install concrete riprap (refer to Attachment “B”, Photograph No. 62).

In closing, even though there are numerous areas that are experiencing sedimentation and erosion issues, there are minimal “significant” problem areas. The few “significant” areas that were observed are recommended to be addressed during the next six (6) to nine (9) months.

Also, Pegasus Engineering (Donny Greenough) inspected the roadway and golf course conditions on Tuesday, August 30, 2022 and have prepared a Deficiency Map that encompasses the following categories:

- Pavement Assessment - areas of pavement distress, pavement failures, asphalt cracking, “bird baths”, etc. A CCTV (Closed Circuit Television) inspection program will be required for any areas where existing storm pipes could be the cause of the problems observed at the surface.
  
- Golf Course Assessment – areas within the golf course that are experiencing erosion due to insufficient vegetative cover and/or steep slopes.

Refer to **Attachment “C”** for the deficiency database and photographs, as well as **Exhibit 2** for the Roadway and Golf Course Deficiency Map. Pegasus Engineering shall coordinate with Inframark to address the roadway and pavement marking issues (e.g., stop bars and curb and gutter repairs) and will coordinate with Indigo to discuss the observed golf course maintenance related issues (e.g., erosion and cart path repairs).

If you have any questions, please do not hesitate to contact me directly at 407-992-9160, extension 309, or by email at david@pegasusengineering.net.

END OF MEMO

cc: Angel Montagna, Inframark Services  
Brett Perez, Inframark Services  
Pegasus Project File MSC-22073

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# Attachment “A”

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Stormwater  
Site Inspection #1  
Photographs

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PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #1
Inspection Date:	April 17, 2022

<b>Photograph No.</b>
1
<b>Photographer Location:</b>
Pond P-CH (Structure A)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Inflow pipe, concrete mitered end section, and concrete flume with energy dissipator. Note significant undermining at the end of the flume.



<b>Photograph No.</b>
2
<b>Photographer Location:</b>
Pond P-CH (Structure A)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Significant erosion and undermining on both sides of structure, as well as underneath the mitered end section.



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<b>Photograph No.</b>
3
<b>Photographer Location:</b>
Pond P-CH (Structure A)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Both sides of the concrete flume must be backfilled, compacted, and sodded.



<b>Photograph No.</b>
4
<b>Photographer Location:</b>
Pond P-CH (Structure A)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Existing mitered end section has split into two (2) sections and must be removed and replaced.



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<b>Photograph No.</b>
5
<b>Photographer Location:</b>
Pond P-CH (Structure B)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Concrete overflow weir between Pond P-CH and the wetland conservation area.



<b>Photograph No.</b>
6
<b>Photographer Location:</b>
Pond P-CH (Structure B)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
To avoid short-circuiting, the earthen berms at both ends need to be raised above the ends of the concrete weir.



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<b>Photograph No.</b>
7
<b>Photographer Location:</b>
Pond P-CH (Structure B)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Concrete overflow weir between Pond P-CH and the wetland conservation area.



<b>Photograph No.</b>
8
<b>Photographer Location:</b>
Pond P-CH (Structure B)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
To avoid short-circuiting, the earthen berms at both ends need to be raised above the ends of the concrete weir.





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<b>Photograph No.</b>
9
<b>Photographer Location:</b>
Pond P-CH (Structure C)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Type "C" ditch bottom inlet (bubble-up structure) located within the conservation area.



<b>Photograph No.</b>
10
<b>Photographer Location:</b>
Pond P-CH (Structure C)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
12-inch wide weir opening. The weir opening is 30-inches below the cast iron grate. <b>Need to have Inframark remove the sabal palm tree.</b>



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<b>Photograph No.</b>
11
<b>Photographer Location:</b>
Pond P-CH (Structure G)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section from the Village Center parking lot. Minor erosion noted.



<b>Photograph No.</b>
12
<b>Photographer Location:</b>
Pond P-CH (Structure G)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Need to re-grade the eroded area and add concrete riprap.



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Project Name:	Arlington Ridge Community Development District
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<b>Photograph No.</b>
13
<b>Photographer Location:</b>
Pond P-CH (north of Structure G)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
12-inch HDPE inflow pipe with downstream erosion. Inflow pipe originates between Fairfax Hall and the Cart Building.



<b>Photograph No.</b>
14
<b>Photographer Location:</b>
Pond P-CH (north of Structure G)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Need to monitor the erosion from the minor inflow pipe.



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<b>Photograph No.</b>
15
<b>Photographer Location:</b>
Pond P-CH (north of Structure G)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
8-inch HDPE inflow pipe with downstream erosion. This pipe is approximately 18 feet north of the 12-inch pipe in Photographs #13 and #14. Need to monitor the erosion from the minor inflow pipe.

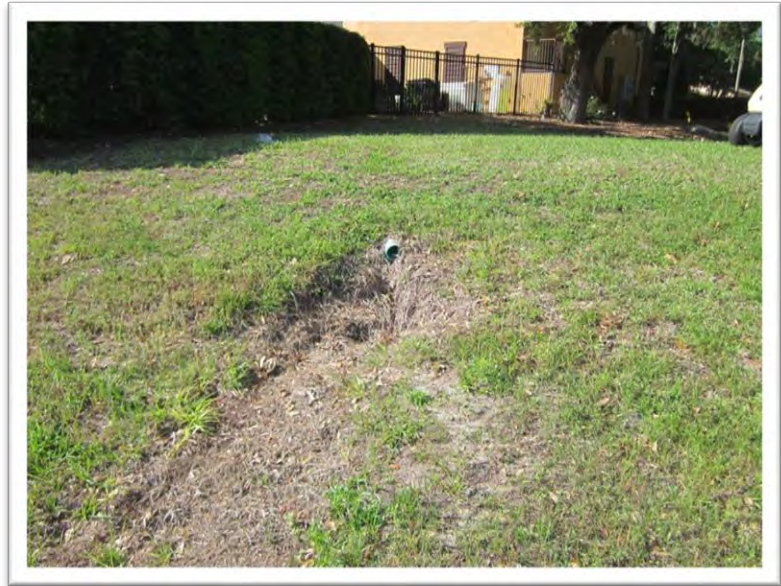


<b>Photograph No.</b>
16
<b>Photographer Location:</b>
Pond P-CH (north of Structure G)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
8-inch and 6-inch HDPE inflow pipes with downstream erosion. Note the 8-inch pipe is broken on top and will need repairs. Need to monitor the erosion from the minor inflow pipes.



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<b>Photograph No.</b>
17
<b>Photographer Location:</b>
Pond P-CH (north of Structure G)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
4-inch PVC inflow pipe with downstream erosion and located approximately 40-feet south of Structure G.



<b>Photograph No.</b>
18
<b>Photographer Location:</b>
Pond P-CH (Structure D)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure). <b>Need to remove vegetation adjacent to structure and underneath skimmer blade.</b>



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<b>Photograph No.</b>
19
<b>Photographer Location:</b>
Pond P-CH (Structure D)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
25-inch wide weir opening. The weir opening is 26.5-inches below the cast iron grate.



<b>Photograph No.</b>
20
<b>Photographer Location:</b>
Pond P-CH (Structure D)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Remove vegetation adjacent to the control structure.



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<b>Photograph No.</b>
21
<b>Photographer Location:</b>
Pond P-CH (Structure E)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



<b>Photograph No.</b>
22
<b>Photographer Location:</b>
Pond P-CH (Structure E)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
25-inch wide weir opening. The weir opening is 26-inches below the cast iron grate.



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<b>Photograph No.</b>
23
<b>Photographer Location:</b>
Pond P-CH (Structure E)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Need to increase the distance between the bottom of the skimmer blade and the pond bottom.



<b>Photograph No.</b>
24
<b>Photographer Location:</b>
Pond P-CH (east of Structure C)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Need to monitor the non-vegetated area within the conservation area.





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<b>Photograph No.</b>
25
<b>Photographer Location:</b>
Pond P-CH (east of Structure C)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Need to monitor the non-vegetated area within the conservation area.



<b>Photograph No.</b>
26
<b>Photographer Location:</b>
Pond P-CH (Structure F)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
27
<b>Photographer Location:</b>
Pond P-CH (Structure F)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Outlet is partially blocked and needs to be re-graded to create positive drainage and prevent standing water within pipe.



<b>Photograph No.</b>
28
<b>Photographer Location:</b>
Pond P-CH (Structure H)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Inflow pipe and mitered end section originating from the fitness center parking lot.



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<b>Photograph No.</b>
29
<b>Photographer Location:</b>
Pond P-CH (Structure H)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Remove sediments within pipe.



<b>Photograph No.</b>
30
<b>Photographer Location:</b>
Pond P-CH (near Structure H)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
3-inch PVC inflow pipe from A/C units located approximately 40-feet north of Structure H.



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<b>Photograph No.</b>
31
<b>Photographer Location:</b>
Pond P-CH
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
8-inch PVC inflow pipe with minor downstream erosion associated with pool area. This pipe is located approximately 40-feet north of the pipe in Photograph #30.

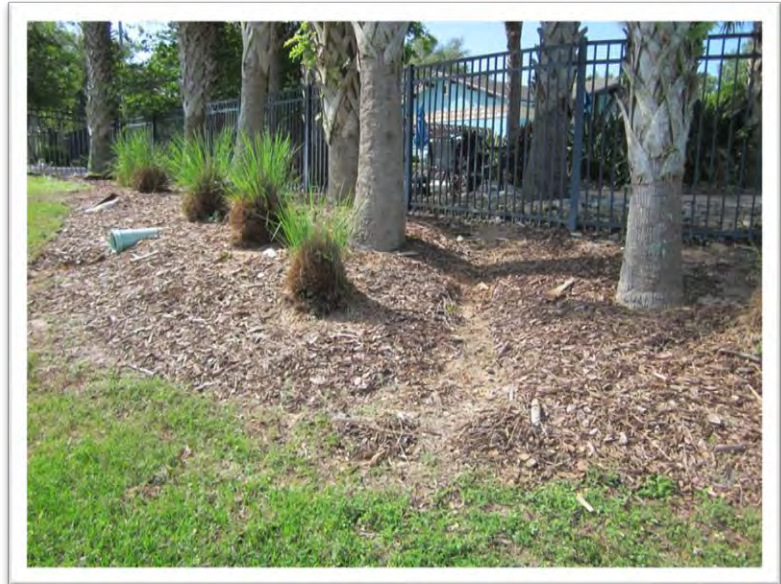


<b>Photograph No.</b>
32
<b>Photographer Location:</b>
Pond P-CH (adjacent to pool area)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Erosion Area #1 located north of the pipe in Photograph #31.



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<b>Photograph No.</b>
33
<b>Photographer Location:</b>
Pond P-CH (adjacent to pool area)
<b>Pond Location:</b>
Hole #1 (Tee Box)
<b>Comments:</b>
Erosion Area #2 located north of the pipe in Photograph #31.



<b>Photograph No.</b>
34
<b>Photographer Location:</b>
Pond P-15-1 (Structure A)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
35
<b>Photographer Location:</b>
Pond P-15-1 (Structure A)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Existing inflow pipe is "sumped" below the downstream sediments.



<b>Photograph No.</b>
36
<b>Photographer Location:</b>
Pond P-15-1 (Structure A)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Need to remove the sediments, re-grade for positive drainage, and install concrete riprap.



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<b>Photograph No.</b>
37
<b>Photographer Location:</b>
Pond P-15-1 (Structure B)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Concrete mitered end section associated with culvert under the cart path. Consider adding sod to the side slope.



<b>Photograph No.</b>
38
<b>Photographer Location:</b>
Pond P-15-1 (Structure C)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Concrete mitered end section associated with culvert under the cart path. Remove sediments within culvert and add sod.



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<b>Photograph No.</b>
39
<b>Photographer Location:</b>
Pond P-15-1 (Structure D)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section from River Watch Court. Remove sediments within pipe and add sod.



<b>Photograph No.</b>
40
<b>Photographer Location:</b>
Pond P-15-1 (Structure E)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Appears to be the overflow structure from Pond P-15-1 to the Palatlahaka River (need to review permitted construction plans to confirm).





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<b>Photograph No.</b>
41
<b>Photographer Location:</b>
Pond P-15-1 (Structure E)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Need to remove sediments within the PVC pipe and re-grade the area and sod.



<b>Photograph No.</b>
42
<b>Photographer Location:</b>
Pond P-15-3 (Structure A)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
43
<b>Photographer Location:</b>
Pond P-15-3 (Structure A)
<b>Pond Location:</b>
Hole #6 (Green)
<b>Comments:</b>
Broken concrete at outlet too large. Remove the existing riprap, re-grade outlet, and install concrete riprap with geotextile material.



<b>Photograph No.</b>
44
<b>Photographer Location:</b>
Pond P-15-3 (Structure B)
<b>Pond Location:</b>
Hole #6 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
45
<b>Photographer Location:</b>
Pond P-15-3 (Structure B)
<b>Pond Location:</b>
Hole #6 (Fairway)
<b>Comments:</b>
Broken concrete at outlet too large. Remove broken concrete, re-grade outlet, and install concrete riprap with geotextile material. Also, backfill, compact, and sod both sides of the mitered end section.



<b>Photograph No.</b>
46
<b>Photographer Location:</b>
Pond P-15-3 (Structure C)
<b>Pond Location:</b>
Hole #6 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
47
<b>Photographer Location:</b>
Pond P-15-3 (Structure C)
<b>Pond Location:</b>
Hole #6 (Fairway)
<b>Comments:</b>
Note that the mitered end section and inflow pipe could not be located due to the significant erosion.



<b>Photograph No.</b>
48
<b>Photographer Location:</b>
Pond P-15-3 (Structure C)
<b>Pond Location:</b>
Hole #6 (Fairway)
<b>Comments:</b>
Need to expose the inflow pipe, re-grade, and sod area. Riprap may also be needed once the pipe is exposed and sediments removed.



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<b>Photograph No.</b>
49
<b>Photographer Location:</b>
Pond P-14-2 (Structure A)
<b>Pond Location:</b>
Hole #5 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from the intersection of Chatham Way and Antietam Creek Trail. Inflow pipe is "sumped" below the pond bottom.



<b>Photograph No.</b>
50
<b>Photographer Location:</b>
Pond P-14-2 (Structure A)
<b>Pond Location:</b>
Hole #5 (Green)
<b>Comments:</b>
Need to re-grade to create positive drainage and eliminate the standing water in the pipe, remove the sediments within the pipe, and install concrete riprap.



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<b>Photograph No.</b>
51
<b>Photographer Location:</b>
Pond P-14-2 (Structure B)
<b>Pond Location:</b>
Hole #5 (Fairway)
<b>Comments:</b>
Type "D" ditch bottom inlet with cast iron grates (control structure for pond). Need to review the permitted construction plans to confirm the top of grade elevation with respect to pond bottom.



<b>Photograph No.</b>
52
<b>Photographer Location:</b>
Pond P-14-2 (Structure B)
<b>Pond Location:</b>
Hole #5 (Fairway)
<b>Comments:</b>
Minor erosion on two sides of the control structure. Need to backfill, compact, and sod.



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<b>Photograph No.</b>
53
<b>Photographer Location:</b>
Pond P-14-1 (Structure D)
<b>Pond Location:</b>
Hole #5 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section from Antietam Creek Trail. Note that all three sides of the mitered end section are experiencing erosion and undermining.



<b>Photograph No.</b>
54
<b>Photographer Location:</b>
Pond P-14-1 (Structure D)
<b>Pond Location:</b>
Hole #5 (Fairway)
<b>Comments:</b>
Backfill, compact, and sod all three sides of the mitered end section. Also, remove sediments within pipe, re-grade outlet, and install concrete riprap.



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<b>Photograph No.</b>
55
<b>Photographer Location:</b>
Pond P-13-1 (Structure A)
<b>Pond Location:</b>
Hole #4 (south of Green)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



<b>Photograph No.</b>
56
<b>Photographer Location:</b>
Pond P-13-1 (Structure A)
<b>Pond Location:</b>
Hole #4 (south of Green)
<b>Comments:</b>
24-inch wide weir opening. The weir opening is 8-inches below the cast iron grate.





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<b>Photograph No.</b>
57
<b>Photographer Location:</b>
Pond P-13-1 (Structure A)
<b>Pond Location:</b>
Hole #4 (south of Green)
<b>Comments:</b>
Need to sod all four (4) sides of the control structure.



<b>Photograph No.</b>
58
<b>Photographer Location:</b>
Pond P-13-1 (Structure B)
<b>Pond Location:</b>
Hole #4 (northwest of Green)
<b>Comments:</b>
Inflow pipe and ditch bottom inlet originating from Arlington Ridge Boulevard. The ditch bottom inlet is missing the grate.



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<b>Photograph No.</b>
59
<b>Photographer Location:</b>
Pond P-13-1 (Structure B)
<b>Pond Location:</b>
Hole #4 (northwest of Green)
<b>Comments:</b>
Need to remove landscape debris and sediments to expose the outlet.



<b>Photograph No.</b>
60
<b>Photographer Location:</b>
Pond P-13-1 (Structure C)
<b>Pond Location:</b>
Hole #4 (northwest of Green)
<b>Comments:</b>
Note Structure C could not be located. Need to locate and expose the outlet.



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<b>Photograph No.</b>
61
<b>Photographer Location:</b>
Pond P-12-2 (Structure A)
<b>Pond Location:</b>
Hole #3 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Independence Trail.



<b>Photograph No.</b>
62
<b>Photographer Location:</b>
Pond P-12-2 (Structure A)
<b>Pond Location:</b>
Hole #3 (Fairway)
<b>Comments:</b>
Inflow pipe slightly submerged. Remove sediments during dry season.



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<b>Photograph No.</b>
63
<b>Photographer Location:</b>
Pond P-12-2 (Structure B)
<b>Pond Location:</b>
Hole #3 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



<b>Photograph No.</b>
64
<b>Photographer Location:</b>
Pond P-12-2 (Structure B)
<b>Pond Location:</b>
Hole #3 (Fairway)
<b>Comments:</b>
This area experiences significant erosion which has damaged the pipe and mitered end section.



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<b>Photograph No.</b>
65
<b>Photographer Location:</b>
Pond P-12-2 (Structure B)
<b>Pond Location:</b>
Hole #3 (Fairway)
<b>Comments:</b>
Backfill, compact, install turf reinforcement mat, geotextile blanket, concrete riprap, and sod.



<b>Photograph No.</b>
66
<b>Photographer Location:</b>
Pond P-12-2 (Structure C)
<b>Pond Location:</b>
Hole #3 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
67
<b>Photographer Location:</b>
Pond P-12-2 (Structure C)
<b>Pond Location:</b>
Hole #3 (Fairway)
<b>Comments:</b>
Remove sediments within pipe and re-grade the outlet.



<b>Photograph No.</b>
68
<b>Photographer Location:</b>
Pond P-11-3 (Structure B)
<b>Pond Location:</b>
Hole #2 (Green)
<b>Comments:</b>
Inflow pipe and U-Type concrete endwall originating from Camerons Run.



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<b>Photograph No.</b>
69
<b>Photographer Location:</b>
Pond P-11-3 (Structure B)
<b>Pond Location:</b>
Hole #2 (Green)
<b>Comments:</b>
No signs of erosion and no maintenance improvements needed.



<b>Photograph No.</b>
70
<b>Photographer Location:</b>
Pond P-11-3 (Structure B)
<b>Pond Location:</b>
Hole #2 (Green)
<b>Comments:</b>
From a safety perspective, recommend that the exposed rebar be cut flush with the top of the U-Type endwall.



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<b>Photograph No.</b>
71
<b>Photographer Location:</b>
Pond P-11-3 (Structure A)
<b>Pond Location:</b>
Hole #2 (Fairway)
<b>Comments:</b>
15-inch HDPE culvert under fairway. End of culvert is full of sediments and crushed and needs to be cleaned-out and repaired.



<b>Photograph No.</b>
72
<b>Photographer Location:</b>
Pond P-11-2 (Structure A)
<b>Pond Location:</b>
Hole #2 (Fairway)
<b>Comments:</b>
15-inch HDPE culvert under fairway. End of culvert is full of sediments and crushed and needs to be cleaned-out and repaired.





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<b>Photograph No.</b>
73
<b>Photographer Location:</b>
Pond P-11-2 (Structure C)
<b>Pond Location:</b>
Hole #2 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Roanoke Drive.



<b>Photograph No.</b>
74
<b>Photographer Location:</b>
Pond P-11-2 (Structure C)
<b>Pond Location:</b>
Hole #2 (Fairway)
<b>Comments:</b>
Remove sediments at the outlet, re-grade, and install concrete riprap.



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<b>Photograph No.</b>
75
<b>Photographer Location:</b>
Pond P-11-1 (Structure A)
<b>Pond Location:</b>
Hole #1 (Green) / Hole #2 (Tee)
<b>Comments:</b>
Inflow pipe at concrete mitered end section originating from Roanoke Drive and Heritage Trail.



<b>Photograph No.</b>
76
<b>Photographer Location:</b>
Pond P-11-1 (Structure A)
<b>Pond Location:</b>
Hole #1 (Green) / Hole #2 (Tee)
<b>Comments:</b>
Remove sediments / re-grade pond bottom at outlet, and install concrete riprap and sod.



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<b>Photograph No.</b>
77
<b>Photographer Location:</b>
Pond P-11-1 (Structure B)
<b>Pond Location:</b>
Hole #1 (Green) / Hole #2 (Tee)
<b>Comments:</b>
Type "D" ditch bottom inlet with no weir opening and no skimmer blade (control structure).



<b>Photograph No.</b>
78
<b>Photographer Location:</b>
Pond P-11-1 (Structure B)
<b>Pond Location:</b>
Hole #1 (Green) / Hole #2 (Tee)
<b>Comments:</b>
It appears this control structure eventually outfalls to Pond P-B1 (need to review the permitted construction plans to confirm).



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<b>Photograph No.</b>
79
<b>Photographer Location:</b>
Pond P-10-2 (Structure A)
<b>Pond Location:</b>
Hole #1 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Roanoke Drive.



<b>Photograph No.</b>
80
<b>Photographer Location:</b>
Pond P-10-2 (Structure A)
<b>Pond Location:</b>
Hole #1 (Fairway)
<b>Comments:</b>
Monitor mitered end section since it is cracked down the middle.



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<b>Photograph No.</b>
81
<b>Photographer Location:</b>
Pond P-B1 (Structure A)
<b>Pond Location:</b>
West end of Heritage Trail
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Roanoke Drive.



<b>Photograph No.</b>
82
<b>Photographer Location:</b>
Pond P-B1 (Structure A)
<b>Pond Location:</b>
West end of Heritage Trail
<b>Comments:</b>
Remove sediments within pipe and re-grade pond bottom at outlet.



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<b>Photograph No.</b>
83
<b>Photographer Location:</b>
Pond P-B1 (Structure B)
<b>Pond Location:</b>
West end of Heritage Trail
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Heritage Trail.



<b>Photograph No.</b>
84
<b>Photographer Location:</b>
Pond P-B1 (Structure B)
<b>Pond Location:</b>
West end of Heritage Trail
<b>Comments:</b>
No signs of erosion and no maintenance improvements needed at this time.



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<b>Photograph No.</b>
85
<b>Photographer Location:</b>
Pond P-B1 (Structure C)
<b>Pond Location:</b>
West end of Heritage Trail
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



<b>Photograph No.</b>
86
<b>Photographer Location:</b>
Pond P-B1 (Structure C)
<b>Pond Location:</b>
West end of Heritage Trail
<b>Comments:</b>
25-inch wide weir openings at both ends. Weir opening 16.5-inches below the cast iron grate.



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<b>Photograph No.</b>
87
<b>Photographer Location:</b>
Pond P-B1 (Structure C)
<b>Pond Location:</b>
West end of Heritage Trail
<b>Comments:</b>
25-inch wide weir openings at both ends. Weir opening 16.5-inches below the cast iron grate.



<b>Photograph No.</b>
88
<b>Photographer Location:</b>
Pond P-B1 (Structure C)
<b>Pond Location:</b>
West end of Heritage Trail
<b>Comments:</b>
Need to re-attach the skimmer blade to the control structure on the south end and replace the cracked skimmer blade on the north end.





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<b>Photograph No.</b>
89
<b>Photographer Location:</b>
Pond P-C1 (Structure A)
<b>Pond Location:</b>
Northeast of Heritage Trail
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Heritage Trail.



<b>Photograph No.</b>
90
<b>Photographer Location:</b>
Pond P-C1 (Structure A)
<b>Pond Location:</b>
Northeast of Heritage Trail
<b>Comments:</b>
Outlet is "sumped" below the pond bottom and causes standing water inside of pipe. Need to remove sediments, re-grade, install concrete riprap, and sod.



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<b>Photograph No.</b>
91
<b>Photographer Location:</b>
Pond P-C1 (Structure B)
<b>Pond Location:</b>
Northeast of Heritage Trail
<b>Comments:</b>
Type "C" ditch bottom inlet with no weir opening and no skimmer blade (control structure).



<b>Photograph No.</b>
92
<b>Photographer Location:</b>
Pond P-C1 (Structure C)
<b>Pond Location:</b>
Northeast of Heritage Trail
<b>Comments:</b>
Type "D" ditch bottom inlet downstream of the pond control structure (bubble-up structure).



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<b>Photograph No.</b>
93
<b>Photographer Location:</b>
Pond P-16-1 (Structure A)
<b>Pond Location:</b>
Hole #7 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered section originating from Antietam Creek Trail.



<b>Photograph No.</b>
94
<b>Photographer Location:</b>
Pond P-16-1 (Structure A)
<b>Pond Location:</b>
Hole #7 (Fairway)
<b>Comments:</b>
Minor sedimentation and erosion. Will need to monitor this location to determine possible removal of sediments and the need for concrete riprap.



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<b>Photograph No.</b>
95
<b>Photographer Location:</b>
Pond P-16-1 (Structure B)
<b>Pond Location:</b>
Hole #7 (Fairway)
<b>Comments:</b>
Type "C" ditch bottom inlet (control structure).



<b>Photograph No.</b>
96
<b>Photographer Location:</b>
Pond P-16-1 (Structure B)
<b>Pond Location:</b>
Hole #7 (Fairway)
<b>Comments:</b>
Need to review the permitted construction plans to confirm the top of grate elevation with respect to pond bottom.



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<b>Photograph No.</b>
97
<b>Photographer Location:</b>
Pond P-17-1 (Structure A)
<b>Pond Location:</b>
Hole #8 (Tee)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



<b>Photograph No.</b>
98
<b>Photographer Location:</b>
Pond P-17-1 (Structure A)
<b>Pond Location:</b>
Hole #8 (Tee)
<b>Comments:</b>
18.5-inch wide weir opening at both ends. The weir openings are 13-inches below the cast iron grate.



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<b>Photograph No.</b>
99
<b>Photographer Location:</b>
Pond P-17-1 (Structure A)
<b>Pond Location:</b>
Hole #8 (Tee)
<b>Comments:</b>
18.5-inch wide weir opening at both ends. The weir openings are 13-inches below the cast iron grate.



<b>Photograph No.</b>
100
<b>Photographer Location:</b>
Pond P-17-1 (Structure A)
<b>Pond Location:</b>
Hole #8 (Tee)
<b>Comments:</b>
Need to sod all four (4) sides of the control structure.



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<b>Photograph No.</b>
101
<b>Photographer Location:</b>
Pond P-17-1 (Structure B)
<b>Pond Location:</b>
Hole #8 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from the intersection of Bull Run and Poplar Grove Court.



<b>Photograph No.</b>
102
<b>Photographer Location:</b>
Pond P-17-1 (Structure B)
<b>Pond Location:</b>
Hole #8 (Fairway)
<b>Comments:</b>
Need to re-grade to create positive drainage and eliminate the standing water in the pipe, remove the sediments within the pipe, and add install concrete riprap.



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<b>Photograph No.</b>
103
<b>Photographer Location:</b>
Pond P-17-3 (Structure A)
<b>Pond Location:</b>
Hole #8 (Green)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



<b>Photograph No.</b>
104
<b>Photographer Location:</b>
Pond P-17-3 (Structure A)
<b>Pond Location:</b>
Hole #8 (Green)
<b>Comments:</b>
12.5-inch weir opening. The weir opening 13-inches below the cast iron grate.





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<b>Photograph No.</b>
105
<b>Photographer Location:</b>
Pond P-17-3 (Structure A)
<b>Pond Location:</b>
Hole #8 (Green)
<b>Comments:</b>
3-inch PVC bleed-down orifice 16-inches below the weir opening (confirm if the orifice was permitted).



<b>Photograph No.</b>
106
<b>Photographer Location:</b>
Hole #9 (Tee)
<b>Pond Location:</b>
N/A
<b>Comments:</b>
66-inch CMP culvert under cart path. Note the inside of the culvert has deformed.



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# Attachment “B”

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Stormwater  
Site Inspection #2  
Photographs

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PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
1
<b>Photographer Location:</b>
Pond P-M (Structure A)
<b>Pond Location:</b>
Hole #10 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from White Plains Way and Bedford Way. Minor erosion noted.



<b>Photograph No.</b>
2
<b>Photographer Location:</b>
Pond P-M (Structure A)
<b>Pond Location:</b>
Hole #10 (Tee Box)
<b>Comments:</b>
Remove sediments within pipe, re-grade, and add concrete riprap.



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<b>Photograph No.</b>
3
<b>Photographer Location:</b>
Pond P-1-1 (Structure A)
<b>Pond Location:</b>
Hole #10 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from White Plains Way. Erosion noted due to an abrupt change in direction of flow.



<b>Photograph No.</b>
4
<b>Photographer Location:</b>
Pond P-1-1 (Structure A)
<b>Pond Location:</b>
Hole #10 (Tee Box)
<b>Comments:</b>
Remove sediments within pipe, re-grade, and add concrete riprap.



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<b>Photograph No.</b>
5
<b>Photographer Location:</b>
Pond P-1-3 (Structure A)
<b>Pond Location:</b>
Hole #10 (Green)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



<b>Photograph No.</b>
6
<b>Photographer Location:</b>
Pond P-1-3 (Structure A)
<b>Pond Location:</b>
Hole #10 (Green)
<b>Comments:</b>
24-inch wide weir opening. The weir opening is 6-inches below the cast iron grate.



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<b>Photograph No.</b>
7
<b>Photographer Location:</b>
Pond P-1-3 (Structure B)
<b>Pond Location:</b>
Hole #10 (Green)
<b>Comments:</b>
Type "C" ditch bottom inlet (bubble-up structure) located within the conservation area.



<b>Photograph No.</b>
8
<b>Photographer Location:</b>
Pond P-1-3 (Structure B)
<b>Pond Location:</b>
Hole #10 (Green)
<b>Comments:</b>
It appears the weir opening has been filled-in with concrete (refer to the permitted construction plans).



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<b>Photograph No.</b>
9
<b>Photographer Location:</b>
Conservation Area (Structure C)
<b>Pond Location:</b>
Hole #10 (Green)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure). <b>Need to remove the vegetation adjacent to the structure, as well as in front of and behind the skimmer blade.</b>



<b>Photograph No.</b>
10
<b>Photographer Location:</b>
Conservation Area (Structure C)
<b>Pond Location:</b>
Hole #10 (Green)
<b>Comments:</b>
12-inch wide weir opening. The weir opening is 6-inches below the cast iron grate.



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<b>Photograph No.</b>
11
<b>Photographer Location:</b>
Pond P-2-1 (Structure A)
<b>Pond Location:</b>
Hole #11 (Green)
<b>Comments:</b>
Concrete mitered end section associated with double 12-inch HDPE culverts under the cart path.



<b>Photograph No.</b>
12
<b>Photographer Location:</b>
Pond P-2-3 (Structure A)
<b>Pond Location:</b>
Hole #11 (Green)
<b>Comments:</b>
Concrete mitered end section associated with double 12-inch HDPE culverts under the cart path.





PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
13
<b>Photographer Location:</b>
Arlington Ridge Boulevard (Structure A)
<b>Location:</b>
3833/4017 Arlington Ridge Boulevard
<b>Comments:</b>
66-inch CMP culvert under Arlington Ridge Boulevard. Need to remove sediments upstream of the culvert.



<b>Photograph No.</b>
14
<b>Photographer Location:</b>
Arlington Ridge Boulevard (Structure A)
<b>Location:</b>
4016 Arlington Ridge Boulevard
<b>Comments:</b>
66-inch CMP culvert under Arlington Ridge Boulevard. Need to remove brush / vegetation downstream of the culvert.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
15
<b>Photographer Location:</b>
Arlington Ridge Boulevard (Structure A)
<b>Location:</b>
4016 Arlington Ridge Boulevard
<b>Comments:</b>
Remove brush / vegetation between culvert and woods.



<b>Photograph No.</b>
16
<b>Photographer Location:</b>
Arlington Ridge Boulevard (Structure A)
<b>Location:</b>
3833/4017 Arlington Ridge Boulevard
<b>Comments:</b>
Upstream channel currently well maintained.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
17
<b>Photographer Location:</b>
Pond P-3-2 (Structure A)
<b>Pond Location:</b>
Hole #12 (Tee Box)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



<b>Photograph No.</b>
18
<b>Photographer Location:</b>
Pond P-3-2 (Structure A)
<b>Pond Location:</b>
Hole #12 (Tee Box)
<b>Comments:</b>
25-inch wide weir openings at both ends. The weir openings are 30-inches below the cast iron grate.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
19
<b>Photographer Location:</b>
Pond P-3-1 (Structure A)
<b>Pond Location:</b>
Hole #11 (Green)
<b>Comments:</b>
Outflow pipe and concrete mitered end section originating from the Pond P-3-2- control structure.



<b>Photograph No.</b>
20
<b>Photographer Location:</b>
Pond P-4-1 (Structure A)
<b>Pond Location:</b>
Hole #13 (Tee Box)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
21
<b>Photographer Location:</b>
Pond P-4-1 (Structure A)
<b>Pond Location:</b>
Hole #13 (Tee Box)
<b>Comments:</b>
25-inch wide weir opening. The weir opening is 20.5-inches below the cast iron grate. The skimmer blade needs to be re-attached to the control structure.



<b>Photograph No.</b>
22
<b>Photographer Location:</b>
Pond P-3-2 (Structure B)
<b>Pond Location:</b>
Hole #12 (Green)
<b>Comments:</b>
Outfall pipe and concrete mitered end section originating from the Pond P-4-1 control structure.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
23
<b>Photographer Location:</b>
Pond P-4-1 (Structure B)
<b>Pond Location:</b>
Hole #13 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard. Erosion occurring underneath the existing riprap.



<b>Photograph No.</b>
24
<b>Photographer Location:</b>
Pond P-4-1 (Structure B)
<b>Pond Location:</b>
Hole #13 (Fairway)
<b>Comments:</b>
Need to backfill and compact the eroded area, install a geotextile underlayment, and install concrete riprap.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
25
<b>Photographer Location:</b>
Pond P-4-1 (Structure C)
<b>Pond Location:</b>
Hole #13 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard. Erosion occurring underneath the existing riprap.



<b>Photograph No.</b>
26
<b>Photographer Location:</b>
Pond P-4-1 (Structure C)
<b>Pond Location:</b>
Hole #13 (Tee Box)
<b>Comments:</b>
Need to backfill and compact the eroded area, install a geotextile underlayment, and install concrete riprap.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
27
<b>Photographer Location:</b>
Pond P-5-1 (Structure A)
<b>Pond Location:</b>
Hole #14 (Fairway)
<b>Comments:</b>
Concrete mitered end section associated with culvert that connects Pond P-5-1 to Pond P-5-2.



<b>Photograph No.</b>
28
<b>Photographer Location:</b>
Pond P-5-1 (Structure A)
<b>Pond Location:</b>
Hole #14 (Fairway)
<b>Comments:</b>
Need to sod the pond side slope and remove the sediments within the culvert.





PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
29
<b>Photographer Location:</b>
Pond P-5-2 (Structure A)
<b>Pond Location:</b>
Hole #14 (Green)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure). <b>Need to backfill, compact, and sod the scour area adjacent to the control structure.</b>



<b>Photograph No.</b>
30
<b>Photographer Location:</b>
Pond P-5-2 (Structure A)
<b>Pond Location:</b>
Hole #14 (Green)
<b>Comments:</b>
19-inch wide weir opening. The weir opening is 8-inches below the cast iron grate.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
31
<b>Photographer Location:</b>
Pond P-5-2 (Structure B)
<b>Pond Location:</b>
Hole #14 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard. Note that the invert of the inflow pipe is "sumped" below the pond bottom.



<b>Photograph No.</b>
32
<b>Photographer Location:</b>
Pond P-5-2 (Structure B)
<b>Pond Location:</b>
Hole #14 (Green)
<b>Comments:</b>
Remove sediments within pipe, re-grade pond bottom for positive flow, and install concrete riprap.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
33
<b>Photographer Location:</b>
Pond P-6-1 (Structure A)
<b>Pond Location:</b>
Hole #15 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from James River Circle. Significant erosion was noted.



<b>Photograph No.</b>
34
<b>Photographer Location:</b>
Pond P-6-1 (Structure A)
<b>Pond Location:</b>
Hole #15 (Tee Box)
<b>Comments:</b>
Need to remove riprap, re-grade pond bottom, install geotextile underlayment, and install concrete riprap.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
35
<b>Photographer Location:</b>
Pond P-6-2 (Structure A)
<b>Pond Location:</b>
Hole #15 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard. Significant erosion and undermining was noted. Need to remove riprap, re-grade pond bottom, install geotextile underlayment, and install concrete riprap.



<b>Photograph No.</b>
36
<b>Photographer Location:</b>
Pond P-6-2 (Structure B)
<b>Pond Location:</b>
Hole #15 (Green)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure). Need to add sod adjacent to the control structure.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
37
<b>Photographer Location:</b>
Pond P-6-2 (Structure B)
<b>Pond Location:</b>
Hole #15 (Green)
<b>Comments:</b>
19-inch wide weir opening. The weir opening is 36-inches below the cast iron grate.



<b>Photograph No.</b>
38
<b>Photographer Location:</b>
Pond P-6-2 (Structure C)
<b>Pond Location:</b>
Hole #16 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from James River Circle. Significant erosion and undermining was noted.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
39
<b>Photographer Location:</b>
Pond P-6-2 (Structure C)
<b>Pond Location:</b>
Hole #16 (Tee Box)
<b>Comments:</b>
Remove existing riprap, re-grade pond bottom, install geotextile underlayment, and install concrete riprap.



<b>Photograph No.</b>
40
<b>Photographer Location:</b>
Pond P-7-2 (Structure A)
<b>Pond Location:</b>
Hole #16 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Otter Creek Lane.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
41
<b>Photographer Location:</b>
Pond P-7-2 (Structure A)
<b>Pond Location:</b>
Hole #16 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Otter Creek Lane.



<b>Photograph No.</b>
42
<b>Photographer Location:</b>
Pond P-7-2 (Structure B)
<b>Pond Location:</b>
Hole #16 (Fairway)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
43
<b>Photographer Location:</b>
Pond P-7-2 (Structure B)
<b>Pond Location:</b>
Hole #16 (Fairway)
<b>Comments:</b>
13-inch wide weir opening. The weir opening 18-inches below the cast iron grate.



<b>Photograph No.</b>
44
<b>Photographer Location:</b>
Pond P-7-3 (Structure A)
<b>Pond Location:</b>
Hole #16 (Green)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure).





PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
45
<b>Photographer Location:</b>
Pond P-7-3 (Structure A)
<b>Pond Location:</b>
Hole #16 (Green)
<b>Comments:</b>
24.5-inch wide weir opening. The weir opening is 28.5-inches below the cast iron grate.



<b>Photograph No.</b>
46
<b>Photographer Location:</b>
Pond P-8-1 (Structure A)
<b>Pond Location:</b>
Hole #17 (Tee Box)
<b>Comments:</b>
Type "C" ditch bottom inlet with skimmer blade (control structure). Need to replace the skimmer blade to meet the proper elevations.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
47
<b>Photographer Location:</b>
Pond P-8-1 (Structure A)
<b>Pond Location:</b>
Hole #17 (Tee Box)
<b>Comments:</b>
18-inch wide weir opening. The weir opening is 23.5-inches below the cast iron grate.



<b>Photograph No.</b>
48
<b>Photographer Location:</b>
Pond P-8-1 (Structure B)
<b>Pond Location:</b>
Hole #17 (Tee Box)
<b>Comments:</b>
Concrete overflow weir between Pond P-8-1 and the drainage way.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
49
<b>Photographer Location:</b>
Pond P-8-1 (Structure B)
<b>Pond Location:</b>
Hole #17 (Tee Box)
<b>Comments:</b>
Concrete overflow weir is 11.5-foot wide.



<b>Photograph No.</b>
50
<b>Photographer Location:</b>
Pond P-8-1 (Structure B)
<b>Pond Location:</b>
Hole #17 (Tee Box)
<b>Comments:</b>
Concrete overflow weir between Pond P-8-1 and the drainage way.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
51
<b>Photographer Location:</b>
Pond P-9-1 (Structure A)
<b>Pond Location:</b>
Hole #18 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Manassas Drive. Inflow pipe is slightly sumped below pond bottom. No signs of erosion.



<b>Photograph No.</b>
52
<b>Photographer Location:</b>
Pond P-9-1 (Structure B)
<b>Pond Location:</b>
Hole #18 (Fairway)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from August Springs Circle.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
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<b>Photograph No.</b>
53
<b>Photographer Location:</b>
Pond P-9-1 (Structure B)
<b>Pond Location:</b>
Hole #18 (Fairway)
<b>Comments:</b>
Remove sediments within pipe.



<b>Photograph No.</b>
54
<b>Photographer Location:</b>
Pond P-9-1 (Structure C)
<b>Pond Location:</b>
Hole #18 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
55
<b>Photographer Location:</b>
Pond P-9-1 (Structure C)
<b>Pond Location:</b>
Hole #18 (Green)
<b>Comments:</b>
Remove sediments within pipe, re-grade pond bottom for positive flow, and install concrete riprap.



<b>Photograph No.</b>
56
<b>Photographer Location:</b>
Pond P-17-3 (Structure B)
<b>Pond Location:</b>
Hole #9 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
57
<b>Photographer Location:</b>
Pond P-17-3 (Structure B)
<b>Pond Location:</b>
Hole #9 (Green)
<b>Comments:</b>
Investigate the outlet during dryer conditions to determine if re-grading or removal of sediments are required.



<b>Photograph No.</b>
58
<b>Photographer Location:</b>
Pond P-17-3 (Structure C)
<b>Pond Location:</b>
Hole #9 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard.



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<b>Photograph No.</b>
59
<b>Photographer Location:</b>
Pond P-17-3 (Structure C)
<b>Pond Location:</b>
Hole #9 (Green)
<b>Comments:</b>
Remove sediments within pipe.



<b>Photograph No.</b>
60
<b>Photographer Location:</b>
Pond P-17-3 (Structure D)
<b>Pond Location:</b>
Hole #9 (Green)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Arlington Ridge Boulevard. Inflow pipe invert slightly sumped below pond bottom.





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Project Name:	Arlington Ridge Community Development District
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<b>Photograph No.</b>
61
<b>Photographer Location:</b>
Pond P-17-3 (Structure D)
<b>Pond Location:</b>
Hole #9 (Green)
<b>Comments:</b>
Downstream area may need to be re-graded for positive flow in the future.



<b>Photograph No.</b>
62
<b>Photographer Location:</b>
Pond P-17-3 (Structure E)
<b>Pond Location:</b>
Hole #9 (Green)
<b>Comments:</b>
Concrete mitered end section associated with the culvert that connects the dry pond with the wet pond. <b>Need to backfill and compact underneath the mitered end section and install concrete riprap.</b>



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
63
<b>Photographer Location:</b>
Pond P-17-3 (Structure E)
<b>Pond Location:</b>
Hole #9 (Green)
<b>Comments:</b>
Concrete mitered end section associated with the culvert that connects the dry pond with the wet pond.



<b>Photograph No.</b>
64
<b>Photographer Location:</b>
Pond P-17-4 (Structure A)
<b>Pond Location:</b>
Hole #9 (Tee Box)
<b>Comments:</b>
Type "E" ditch bottom inlet with skimmer blade (control structure).



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
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<b>Photograph No.</b>
65
<b>Photographer Location:</b>
Pond P-17-4 (Structure A)
<b>Pond Location:</b>
Hole #9 (Tee Box)
<b>Comments:</b>
Two (2) 28-inch wide weir openings and one (1) 36-inch wide weir opening. All three (3) weir openings are 12-inches below the steel grate.



<b>Photograph No.</b>
66
<b>Photographer Location:</b>
Pond P-17-4 (Structure B)
<b>Pond Location:</b>
Hole #9 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Bent Creek Lane. Significant erosion and undermining noted.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
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<b>Photograph No.</b>
67
<b>Photographer Location:</b>
Pond P-17-4 (Structure B)
<b>Pond Location:</b>
Hole #9 (Tee Box)
<b>Comments:</b>
Backfill and compact, install geotextile underlayment, and install concrete riprap.



<b>Photograph No.</b>
68
<b>Photographer Location:</b>
Pond P-17-4 (Structure C)
<b>Pond Location:</b>
Hole #9 (Tee Box)
<b>Comments:</b>
Inflow pipe and concrete mitered end section originating from Bent Creek Lane and Arlington Ridge Boulevard.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
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<b>Photograph No.</b>
69
<b>Photographer Location:</b>
Pond P-17-4 (Structure C)
<b>Pond Location:</b>
Hole #9 (Tee Box)
<b>Comments:</b>
Backfill, re-grade, and sod the side slope adjacent to the mitered end section.



<b>Photograph No.</b>
70
<b>Photographer Location:</b>
Arlington Ridge Boulevard
<b>Location:</b>
3609 / 3613 Arlington Ridge Boulevard
<b>Comments:</b>
Existing double 36-inch RCP culverts.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
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<b>Photograph No.</b>
71
<b>Photographer Location:</b>
Arlington Ridge Boulevard
<b>Location:</b>
3609 / 3613 Arlington Ridge Boulevard
<b>Comments:</b>
Existing channel downstream of the culverts.



<b>Photograph No.</b>
72
<b>Photographer Location:</b>
Arlington Ridge Boulevard
<b>Location:</b>
3614 Arlington Ridge Boulevard
<b>Comments:</b>
Existing double 36-inch RCP culverts with minor downstream erosion. Install concrete riprap.



PROJECT INFORMATION	
Project Name:	Arlington Ridge Community Development District
Subject:	Stormwater Pond Inspection #2
Inspection Date:	April 29, 2022

<b>Photograph No.</b>
73
<b>Photographer Location:</b>
Arlington Ridge Boulevard
<b>Location:</b>
3614 Arlington Ridge Boulevard
<b>Comments:</b>
Existing channel upstream of the culverts.



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# Attachment “C”

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Roadway and  
Golf Course  
Deficiency Database  
and Photographs

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## Arlington Ridge CDD | Annual Inspection Program



Deficiencies ID	Infrastructure Type	Deficiency Type	Address	Notes	Photo ID	Field Date
2	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-2	08/30/22
3	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-3	08/30/22
15	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-15	08/30/22
16	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-16	08/30/22
17	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-17	08/30/22
18	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-18	08/30/22
29	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-29	08/30/22
30	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-30	08/30/22
33	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-33	08/30/22
34	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-34	08/30/22
35	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-35	08/30/22
37	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-37	08/30/22
39	Asphalt Marking	Marking: Cart Path Lane Stripping	Arlington Ridge Boulevard		Markings-39	08/30/22
1	Asphalt Marking	Marking: Roadway Stripping	Arlington Ridge Boulevard	Pedestrian Crossing	Markings-1	08/30/22
4	Asphalt Marking	Marking: Roadway Stripping	Arlington Ridge Boulevard	Golf Cart Crossing	Markings-4	08/30/22
7	Asphalt Marking	Marking: Roadway Stripping	4441 Antietam Creek Trail		Markings-7	08/30/22
12	Asphalt Marking	Marking: Roadway Stripping	4302 Antietam Creek Trail	Golf Cart Crossing	Markings-12	08/30/22
21	Asphalt Marking	Marking: Roadway Stripping	Roanoke Drive	Golf Cart Crossing	Markings-21	08/30/22
44	Asphalt Marking	Marking: Roadway Stripping	Arlington Ridge Boulevard	Pedestrian crossing	Markings-44	08/30/22
45	Asphalt Marking	Marking: Roadway Stripping	Arlington Ridge Boulevard	Golf Cart Crossing	Markings-45	08/30/22
47	Asphalt Marking	Marking: Roadway Stripping	Arlington Ridge Boulevard	Golf Cart Crossing	Markings-47	08/30/22
58	Asphalt Marking	Marking: Roadway Stripping	27203 White Plains Way	Golf Cart Crossing	Markings-58	08/30/22
59	Asphalt Marking	Marking: Roadway Stripping	Bedford Way	Golf Cart Crossing	Markings-59	08/30/22
68	Asphalt Marking	Marking: Roadway Stripping	26803 White Plains Way		Markings-68	08/30/22
86	Asphalt Marking	Marking: Roadway Stripping	3670 Arlington Ridge Boulevard	Golf Cart Crossing	Markings-86	08/30/22
5	Asphalt Marking	Marking: Stop Bar	Chatham Way		Markings-5	08/30/22
6	Asphalt Marking	Marking: Stop Bar	Chatham Way		Markings-6	08/30/22
9	Asphalt Marking	Marking: Stop Bar	4357 River Watch Court		Markings-9	08/30/22
13	Asphalt Marking	Marking: Stop Bar	4302 Antietam Creek Trail		Markings-13	08/30/22
19	Asphalt Marking	Marking: Stop Bar	Roanoke Drive		Markings-19	08/30/22
23	Asphalt Marking	Marking: Stop Bar	4703 Independence Trail		Markings-23	08/30/22
24	Asphalt Marking	Marking: Stop Bar	Hopewell Pass		Markings-24	08/30/22
25	Asphalt Marking	Marking: Stop Bar	Hopewell Pass		Markings-25	08/30/22
26	Asphalt Marking	Marking: Stop Bar	Heritage Trail		Markings-26	08/30/22
27	Asphalt Marking	Marking: Stop Bar	Heritage Trail		Markings-27	08/30/22

## Arlington Ridge CDD | Annual Inspection Program



Deficiencies ID	Infrastructure Type	Deficiency Type	Address	Notes	Photo ID	Field Date
31	Asphalt Marking	Marking: Stop Bar	27131 Camerons Run		Markings-31	08/30/22
32	Asphalt Marking	Marking: Stop Bar	4432 Winchester Court		Markings-32	08/30/22
36	Asphalt Marking	Marking: Stop Bar	Arlington Ridge Boulevard		Markings-36	08/30/22
38	Asphalt Marking	Marking: Stop Bar	26902 Camerons Run		Markings-38	08/30/22
40	Asphalt Marking	Marking: Stop Bar	Bull Run		Markings-40	08/30/22
41	Asphalt Marking	Marking: Stop Bar	4414 Poplar Grove Court		Markings-41	08/30/22
42	Asphalt Marking	Marking: Stop Bar	Arlington Ridge Boulevard		Markings-42	08/30/22
43	Asphalt Marking	Marking: Stop Bar	Arlington Ridge Boulevard		Markings-43	08/30/22
46	Asphalt Marking	Marking: Stop Bar	Arlington Ridge Boulevard		Markings-46	08/30/22
48	Asphalt Marking	Marking: Stop Bar	Arlington Ridge Boulevard		Markings-48	08/30/22
49	Asphalt Marking	Marking: Stop Bar	Arlington Ridge Boulevard		Markings-49	08/30/22
50	Asphalt Marking	Marking: Stop Bar	Arlington Ridge Boulevard		Markings-50	08/30/22
51	Asphalt Marking	Marking: Stop Bar	3501 Arlington Ridge Boulevard		Markings-51	08/30/22
52	Asphalt Marking	Marking: Stop Bar	27247 White Plains Way		Markings-52	08/30/22
55	Asphalt Marking	Marking: Stop Bar	Waverly Court		Markings-55	08/30/22
56	Asphalt Marking	Marking: Stop Bar	26723 Waverly Court		Markings-56	08/30/22
57	Asphalt Marking	Marking: Stop Bar	4420 Bedford Way		Markings-57	08/30/22
60	Asphalt Marking	Marking: Stop Bar	Bedford Way		Markings-60	08/30/22
64	Asphalt Marking	Marking: Stop Bar	26906 Haywood Worm Farm Road	Not as bad as most	Markings-64	08/30/22
65	Asphalt Marking	Marking: Stop Bar	26906 Haywood Worm Farm Road		Markings-65	08/30/22
73	Asphalt Marking	Marking: Stop Bar	26601 Augusta Springs Circle		Markings-73	08/30/22
77	Asphalt Marking	Marking: Stop Bar	26698 Otter Creek Lane		Markings-77	08/30/22
80	Asphalt Marking	Marking: Stop Bar	4104 Chesterfield Court		Markings-80	08/30/22
84	Asphalt Marking	Marking: Stop Bar	Bridgewater Lane		Markings-84	08/30/22
85	Asphalt Marking	Marking: Stop Bar	4200 James River Circle		Markings-85	08/30/22
87	Asphalt Marking	Marking: Stop Bar	26544 River Bend Drive		Markings-87	08/30/22
88	Asphalt Marking	Marking: Stop Bar	4307 Bent Creek Lane		Markings-88	08/30/22
89	Asphalt Marking	Marking: Stop Bar	26501 River Bend Drive		Markings-89	08/30/22
91	Asphalt Marking	Marking: Stop Bar	26503 Manassas Drive		Markings-91	08/30/22
92	Asphalt Marking	Marking: Stop Bar	4019 Richmond Crossing		Markings-92	08/30/22
95	Asphalt Marking	Marking: Stop Bar	4002 Richmond Crossing		Markings-95	08/30/22
11	Curb and Gutter/ValleyGutter	Curb and Gutter: Damaged	4322 Antietam Creek Trail		Gutter-11	08/30/22
53	Curb and Gutter/ValleyGutter	Curb and Gutter: Cracking	27247 White Plains Way		Gutter-53	08/30/22
69	Curb and Gutter/ValleyGutter	Curb and Gutter: Cracking	26749 White Plains Way		Gutter-69	08/30/22
10	Drainage Inlet/Manhole	Drainage Inlets/Manholes: Other (Add Notes)	4326 Antietam Creek Trail	Inlet appears to be sinking	Inlet-10	08/30/22

## Arlington Ridge CDD | Annual Inspection Program



Deficiencies ID	Infrastructure Type	Deficiency Type	Address	Notes	Photo ID	Field Date
14	Golf Course	GolfCourse: Bunker/Sod Washout	Golf Course		GolfCourse-14	08/30/22
63	Golf Course	GolfCourse: Bunker/Sod Washout	Golf Course		GolfCourse-63	08/30/22
78	Golf Course	GolfCourse: Bunker/Sod Washout	Golf Course		GolfCourse-78	08/30/22
79	Golf Course	GolfCourse: Bunker/Sod Washout	Golf Course		GolfCourse-79	08/30/22
81	Golf Course	GolfCourse: Bunker/Sod Washout	Golf Course		GolfCourse-81	08/30/22
82	Golf Course	GolfCourse: Bunker/Sod Washout	Golf Course		GolfCourse-82	08/30/22
83	Golf Course	GolfCourse: Bunker/Sod Washout	Golf Course		GolfCourse-83	08/30/22
8	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-8	08/30/22
20	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-20	08/30/22
22	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-22	08/30/22
54	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-54	08/30/22
61	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-61	08/30/22
62	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-62	08/30/22
75	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-75	08/30/22
76	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-76	08/30/22
90	Golf Course	GolfCourse: Cartpath Damage	Golf Course		GolfCourse-90	08/30/22
71	Other	Other	4143 Arlington Ridge Boulevard	Water Ponding on Roadway	Other-71	08/30/22
72	Roadway/Pavement	Roadway/Pavement: Cracking	26833 Augusta Springs Circle	Water sitting in road causing damage to asphalt	Roadway-72	08/30/22
28	Roadway/Pavement	Roadway/Pavement: Damage	27331 Roanoke Drive		Roadway-28	08/30/22
66	Roadway/Pavement	Roadway/Pavement: Other (Add Notes)	26844 White Plains Way	Roadway Subsidence	Roadway-66	08/30/22
67	Roadway/Pavement	Roadway/Pavement: Other (Add Notes)	26803 White Plains Way	Roadway Subsidence	Roadway-67	08/30/22
70	Roadway/Pavement	Roadway/Pavement: Other (Add Notes)	26715 White Plains Way	It looks like subsidence but no cracking	Roadway-70	08/30/22
74	Roadway/Pavement	Roadway/Pavement: Other (Add Notes)	4121 Arlington Ridge Boulevard	Roadway Subsidence (area has been patched before)	Roadway-74	08/30/22
93	Roadway/Pavement	Roadway/Pavement: Other (Add Notes)	4013 Richmond Crossing	Roadway Subsidence (area has been patched before)	Roadway-93	08/30/22
94	Roadway/Pavement	Roadway/Pavement: Other (Add Notes)	4006 Richmond Crossing	Roadway Subsidence? Appears that a boring was done in area	Roadway-94	08/30/22

# Arlington Ridge Roadway & Golf Course Deficiencies



GolfCourse-8\_Photo 1



GolfCourse-8\_Photo 2



GolfCourse-8\_Photo 3



GolfCourse-8\_Photo 4



GolfCourse-14\_Photo 1



GolfCourse-14\_Photo 2



GolfCourse-20\_Photo 1



GolfCourse-20\_Photo 2



GolfCourse-20\_Photo 3



GolfCourse-22\_Photo 1



GolfCourse-22\_Photo 2



GolfCourse-54\_Photo 1



GolfCourse-61\_Photo 1



GolfCourse-61\_Photo 2



GolfCourse-62\_Photo 1

# Arlington Ridge Roadway & Golf Course Deficiencies



GolfCourse-63\_Photo 1



GolfCourse-75\_Photo 1



GolfCourse-75\_Photo 2



GolfCourse-76\_Photo 1



GolfCourse-78\_Photo 1



GolfCourse-79\_Photo 1



GolfCourse-79\_Photo 2



GolfCourse-81\_Photo 1



GolfCourse-81\_Photo 2



GolfCourse-81\_Photo 3



GolfCourse-81\_Photo 4



GolfCourse-82\_Photo 1



GolfCourse-82\_Photo 2



GolfCourse-83\_Photo 1



GolfCourse-90\_Photo 1

# Arlington Ridge Roadway & Golf Course Deficiencies



Gutter-11\_Photo 1



Gutter-11\_Photo 2



Gutter-53\_Photo 1



Gutter-69\_Photo 1



Inlet-10\_Photo 1



Inlet-10\_Photo 2



Inlet-10\_Photo 3



Markings-1\_Photo 1



Markings-1\_Photo 2



Markings-1\_Photo 3



Markings-2\_Photo 1



Markings-2\_Photo 2



Markings-3\_Photo 1



Markings-3\_Photo 2



Markings-4\_Photo 1

# Arlington Ridge Roadway & Golf Course Deficiencies



Markings-4\_Photo 2



Markings-4\_Photo 3



Markings-5\_Photo 1



Markings-5\_Photo 2



Markings-6\_Photo 1



Markings-6\_Photo 2



Markings-7\_Photo 1



Markings-9\_Photo 1



Markings-9\_Photo 2



Markings-12\_Photo 1



Markings-13\_Photo 1



Markings-13\_Photo 2



Markings-13\_Photo 3



Markings-15\_Photo 1



Markings-15\_Photo 2

# Arlington Ridge Roadway & Golf Course Deficiencies



Markings-16\_Photo 1



Markings-16\_Photo 2



Markings-17\_Photo 1



Markings-17\_Photo 2



Markings-18\_Photo 1



Markings-18\_Photo 2



Markings-19\_Photo 1



Markings-19\_Photo 2



Markings-21\_Photo 1



Markings-23\_Photo 1



Markings-23\_Photo 2



Markings-24\_Photo 1



Markings-24\_Photo 2



Markings-25\_Photo 1



Markings-25\_Photo 2



# Arlington Ridge Roadway & Golf Course Deficiencies



Markings-26\_Photo 1



Markings-26\_Photo 2



Markings-27\_Photo 1



Markings-27\_Photo 2



Markings-29\_Photo 1



Markings-29\_Photo 2



Markings-30\_Photo 1



Markings-30\_Photo 2



Markings-31\_Photo 1



Markings-31\_Photo 2



Markings-32\_Photo 1



Markings-32\_Photo 2



Markings-33\_Photo 1



Markings-33\_Photo 2



Markings-34\_Photo 1

# Arlington Ridge Roadway & Golf Course Deficiencies



Markings-34\_Photo 2



Markings-35\_Photo 1



Markings-35\_Photo 2



Markings-36\_Photo 1



Markings-36\_Photo 2



Markings-37\_Photo 1



Markings-37\_Photo 2



Markings-38\_Photo 1



Markings-38\_Photo 2



Markings-39\_Photo 1



Markings-39\_Photo 2



Markings-40\_Photo 1



Markings-40\_Photo 2



Markings-41\_Photo 1



Markings-41\_Photo 2

# Arlington Ridge Roadway & Golf Course Deficiencies



Markings-41\_Photo 3



Markings-42\_Photo 1



Markings-42\_Photo 2



Markings-43\_Photo 1



Markings-43\_Photo 2



Markings-44\_Photo 1



Markings-44\_Photo 2



Markings-45\_Photo 1



Markings-46\_Photo 1



Markings-46\_Photo 2



Markings-47\_Photo 1



Markings-48\_Photo 1



Markings-48\_Photo 2



Markings-49\_Photo 1



Markings-49\_Photo 2

# Arlington Ridge Roadway & Golf Course Deficiencies



Markings-50\_Photo 1



Markings-50\_Photo 2



Markings-51\_Photo 1



Markings-51\_Photo 2



Markings-52\_Photo 1



Markings-55\_Photo 1



Markings-55\_Photo 2



Markings-56\_Photo 1



Markings-57\_Photo 1



Markings-58\_Photo 1



Markings-59\_Photo 1



Markings-60\_Photo 1



Markings-64\_Photo 1



Markings-65\_Photo 1



Markings-68\_Photo 1

# Arlington Ridge Roadway & Golf Course Deficiencies



Markings-73\_Photo 1



Markings-73\_Photo 2



Markings-73\_Photo 3



Markings-77\_Photo 1



Markings-77\_Photo 2



Markings-80\_Photo 1



Markings-80\_Photo 2



Markings-84\_Photo 1



Markings-84\_Photo 2



Markings-85\_Photo 1



Markings-85\_Photo 2



Markings-86\_Photo 1



Markings-87\_Photo 1



Markings-87\_Photo 2



Markings-88\_Photo 1

# Arlington Ridge Roadway & Golf Course Deficiencies



Markings-88\_Photo 2



Markings-89\_Photo 1



Markings-89\_Photo 2



Markings-91\_Photo 1



Markings-91\_Photo 2



Markings-92\_Photo 1



Markings-92\_Photo 2



Markings-95\_Photo 1



Markings-95\_Photo 2



Other-71\_Photo 1



Other-71\_Photo 2



Other-71\_Photo 3



Roadway-28\_Photo 1



Roadway-28\_Photo 2



Roadway-66\_Photo 1

# Arlington Ridge Roadway & Golf Course Deficiencies



Roadway-66\_Photo 2



Roadway-67\_Photo 1



Roadway-67\_Photo 2



Roadway-70\_Photo 1



Roadway-70\_Photo 2



Roadway-70\_Photo 3



Roadway-72\_Photo 1



Roadway-72\_Photo 2



Roadway-74\_Photo 1



Roadway-74\_Photo 2



Roadway-74\_Photo 3



Roadway-93\_Photo 1



Roadway-94\_Photo 1



Roadway-94\_Photo 2

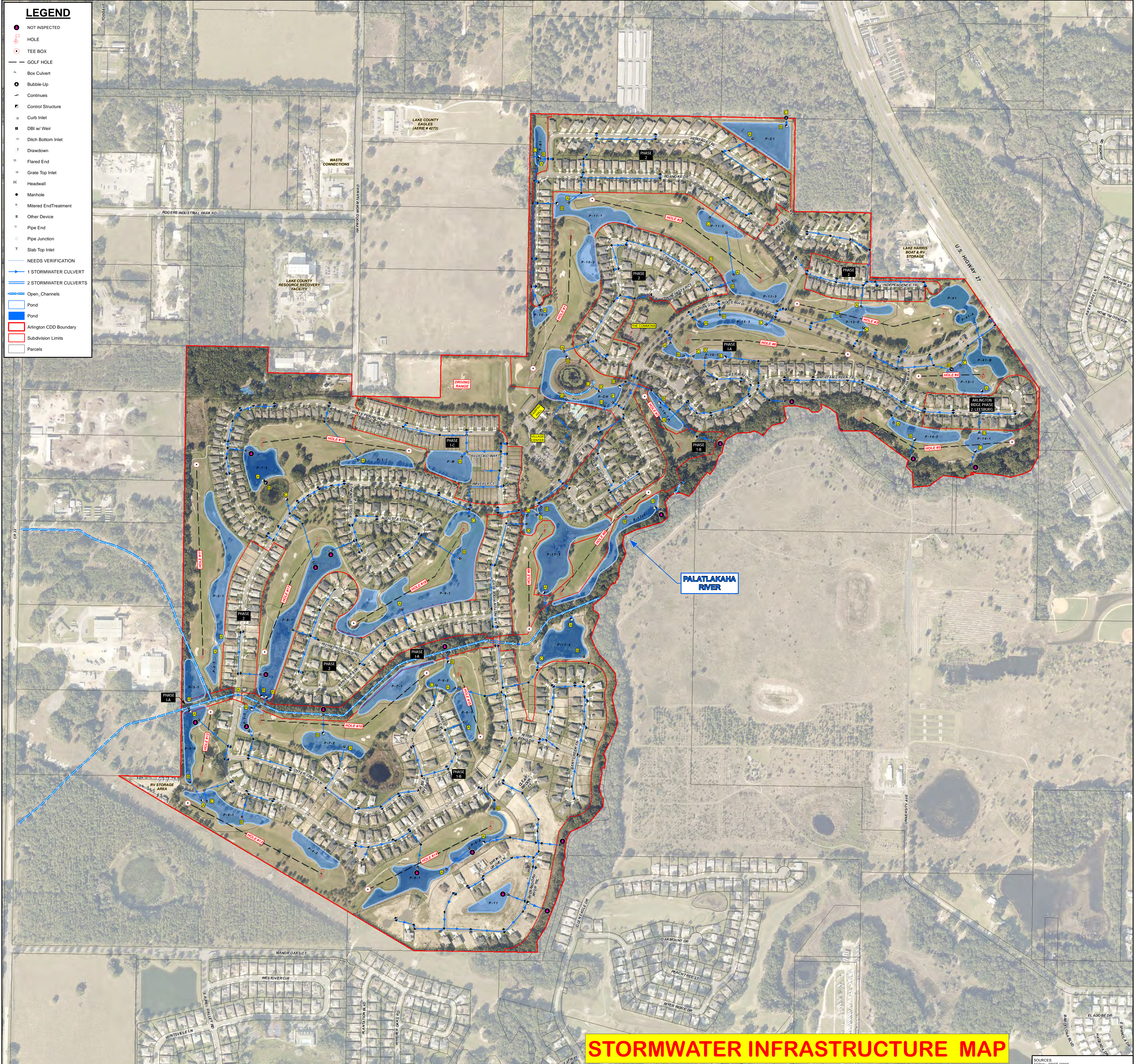
# **Subsection 4Aia**

## **Stormwater Infrastructure**

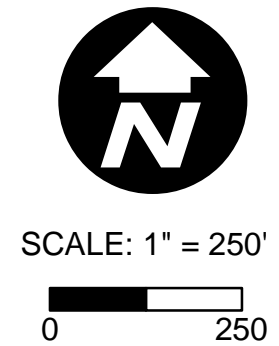


**LEGEND**

- NOT INSPECTED
- HOLE
- TEE BOX
- GOLF HOLE
- ▭ Box Culvert
- Bubble-Up
- Continues
- ▭ Control Structure
- ⊗ Curb Inlet
- ▭ DBI w/ Weir
- Ditch Bottom Inlet
- ▭ Drawdown
- ▭ Flared End
- ▭ Grate Top Inlet
- ▭ Headwall
- Manhole
- ▭ Mitered End/Treatment
- ▭ Other Device
- Pipe End
- Pipe Junction
- Slab Top Inlet
- NEEDS VERIFICATION
- 1 STORMWATER CULVERT
- 2 STORMWATER CULVERTS
- Open Channels
- ▭ Pond
- ▭ Pond
- ▭ Arlington CDD Boundary
- ▭ Subdivision Limits
- ▭ Parcels



**STORMWATER INFRASTRUCTURE MAP**



301 WEST STATE ROAD 434, SUITE 309  
WINTER SPRINGS, FL 32708  
TEL: 407-982-9169 • FAX: 407-358-5189  
WEB: WWW.PEGASUSENGINEERING.NET



**ARLINGTON RIDGE**  
**COMMUNITY DEVELOPMENT DISTRICT**  
LEESBURG, LAKE COUNTY, FLORIDA

SOURCES:  
AERIAL PHOTO (2020)

JOB NO.: MSC-22073  
DATE: 9/14/2022

EXHIBIT  
**1**

# **Subsection 4Aib**

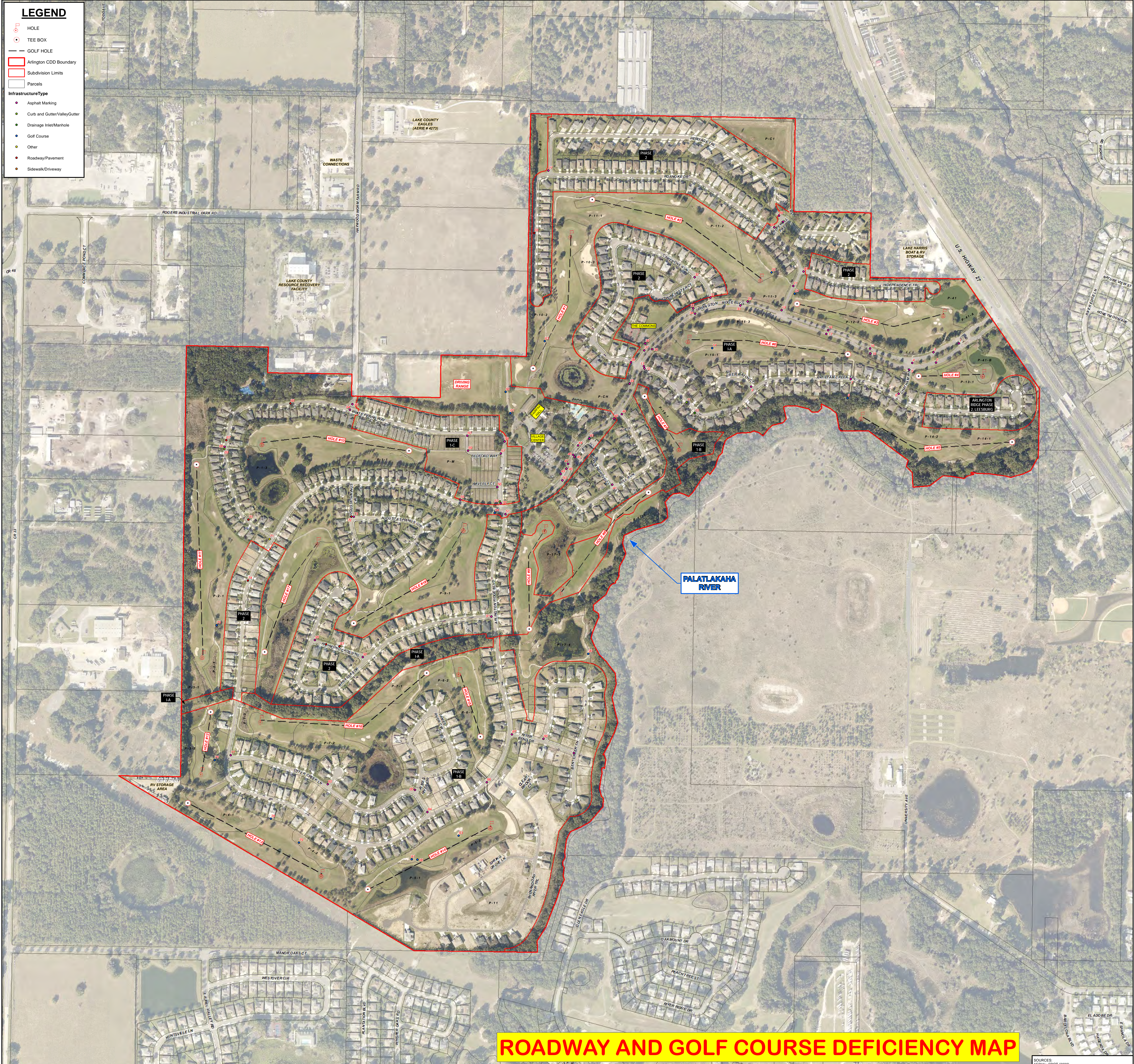
## **Roadway and Golf Course**

**LEGEND**

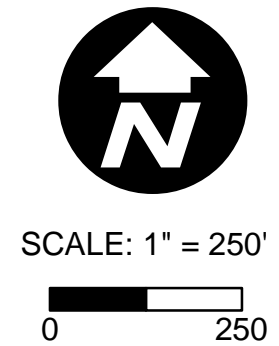
- HOLE
- TEE BOX
- GOLF HOLE
- Arlington CDD Boundary
- Subdivision Limits
- Parcels

**InfrastructureType**

- Asphalt Marking
- Curb and Gutter/ValleyGutter
- Drainage Inlet/Manhole
- Golf Course
- Other
- Roadway/Pavement
- Sidewalk/Driveway



**ROADWAY AND GOLF COURSE DEFICIENCY MAP**



301 WEST STATE ROAD 434, SUITE 309  
WINTER SPRINGS, FL 32708  
TEL: 407-982-9169 • FAX: 407-358-5189  
WEB: WWW.PEGASUSENGINEERING.NET



**ARLINGTON RIDGE**  
**COMMUNITY DEVELOPMENT DISTRICT**  
LEESBURG, LAKE COUNTY, FLORIDA

SOURCES:  
AERIAL FOOT (2020)

JOB NO.: MSC-22073  
DATE: 9/14/2022

EXHIBIT  
**1**

# **Subsection 4Aii**

## **Proposal for Work on Hole #6**

**From:** David Hamstra <[david@pegasusengineering.net](mailto:david@pegasusengineering.net)>  
**Sent:** Wednesday, October 12, 2022 12:07 AM  
**To:** Montagna, Angel <[Angel.Montagna@inframark.com](mailto:Angel.Montagna@inframark.com)>  
**Cc:** Perez, Brett <[Brett.Perez@inframark.com](mailto:Brett.Perez@inframark.com)>  
**Subject:** Arlington Ridge CDD | Potential Sinkhole Investigation  
**Importance:** High

---

Good Evening Angel,

Please include this email from GEC that provides an estimate to investigate the potential sinkhole on Hole #6 for the October 20<sup>th</sup> CDD meeting.

Respectfully,

David W. Hamstra, P.E., CFM  
Stormwater Department Manager | Pegasus Engineering, LLC  
301 West State Road 434, Suite 309 | Winter Springs, Florida 32708  
407-992-9160 work (extension 309) | 407-247-0003 cell  
[david@pegasusengineering.net](mailto:david@pegasusengineering.net)



**From:** Ryan Petersen <[rjpetersen@gecfla.com](mailto:rjpetersen@gecfla.com)>  
**Sent:** Monday, October 3, 2022 4:45 PM  
**To:** David Hamstra <[david@pegasusengineering.net](mailto:david@pegasusengineering.net)>  
**Cc:** Dan Stanfill <[dcstanfill@gecfla.com](mailto:dcstanfill@gecfla.com)>  
**Subject:** Arlington Ridge CDD

David,

Based on what we discussed earlier today for a preliminary investigation for a potential sinkhole like the one at Arlington Ridge our services would likely be in the ballpark of \$7,500 to \$10,000 for GPR and some preliminary probing in and around the potential feature.

We would also include optional service for a deep SPT boring based on FDOT data in the area that would be in the ballpark of an additional \$15,000 to \$17,000.

If you have any questions let me know.

Thanks, Ryan

**Ryan J. Petersen, E.I.**  
Geotechnical Project Manager | Engineer Intern



919 Lake Baldwin Lane, Orlando, FL 32814  
407-898-1818 | 321-352-8980 (Direct) | 407-782-9418 (Cell)

[www.gecfla.com](http://www.gecfla.com)





*GEC is pleased to announce that we are now a **FDOT certified Disadvantaged Business Enterprise (DBE) and Small Business Enterprise (SBE)** prequalified in FDOT Work Groups 9.1, 9.2, 9.3, 9.4.1, 9.4.2, 9.5 and 10.3! GEC looks forward to helping you meet your DBE and MBE Goals when working with the FDOT, Central Florida Expressway (CFX) Authority, Florida's Turnpike Enterprise and GOAA.*