

Stormwater Management Facility Routine Maintenance Manual

District 5 – Annapolis Shop

Version 1.0



*Stormwater and Drainage
Asset Management Program*

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I. INTRODUCTION

The Maryland State Highway Administration (SHA) Highway Hydraulics Division (HHD) has established the Stormwater and Drainage Asset Management Program to guide the operation and remediation of the numerous permanent stormwater and drainage assets owned by SHA that convey and treat highway runoff. The program goal is to provide preventive care, and remedial solutions when problems are identified, for the stormwater and drainage infrastructure within the right-of-way. The program applies a life-cycle approach to its management of stormwater and drainage assets. Operations of these assets, especially routine maintenance, is a critical phase in this life-cycle. Routine maintenance is necessary to ensure that these assets function effectively, and to prevent the need for costly and time-consuming repairs and retrofits.



This Stormwater Management Facility Routine Maintenance Manual has been developed by HHD to aid and inform SHA maintenance personnel who work out of SHA maintenance shops to perform routine maintenance on stormwater and drainage assets. Of SHA’s numerous assets, this manual specifically addresses the routine maintenance of stormwater management (SWM) facilities. SWM facilities are structural and non-structural practices designed to manage the volume, flow rate, and quality of stormwater runoff before that water enters natural waterways or groundwater. These SWM facilities play an important role in protecting Maryland’s water and land resources.

This manual has been prepared specifically for the **District 5 Annapolis Shop** (Shop). The manual serves two main purposes:

- 1. To define the location and type of all SWM facilities in the Shop area, and
- 2. To provide guidelines on recommended routine maintenance activities for these SWM facilities.

The following narrative identifies and describes the routine maintenance categories of SHA SWM facilities, recommended guidelines for routine maintenance of these facilities, and solutions for commonly-occurring minor maintenance issues. Routine Maintenance Guidelines are included in Appendix A of this manual. A map of each SWM facility in the Shop area is provided in Appendix B, and an index summarizing all of the SWM facilities is provided in Appendix C.

How to Use This Manual

Follow these steps to determine the maintenance requirements of a particular SWM facility:

- 1. **Identify the SWM facility number.** If the SWM facility number is unknown, use the overview map and tile maps in Appendix B to navigate to the SWM facility by its location. Both the tile maps and detail maps identify the SWM facility number.
- 2. **Identify the SWM facility routine maintenance category.** Using the Index of Stormwater Management Facilities in Appendix C, locate the identified SWM facility number in the table and read across the row to determine its routine maintenance category. Section III of this manual describes how SWM facilities are divided into routine maintenance categories.
- 3. **Follow the Routine Maintenance Guidelines applicable to the identified category.** Routine Maintenance Guidelines for SWM facilities can be found in Appendix A, along with sample schematics and photographs. Note that some routine maintenance categories, as described in Section III, either do not require routine maintenance by Shop maintenance personnel or should be maintained per SHA Turfgrass Management Guidelines.

II. GLOSSARY

The following terms are used within this manual to describe the components of SHA stormwater management facilities and their associated routine maintenance activities. Portions of this glossary were adapted from the “*2000 Maryland Stormwater Design Manual*” produced by the Maryland Department of the Environment, Water Management Administration.

Aquatic Perimeter Planting – Vegetation generally living within 15 feet from the edge of the permanent pool in Wet Ponds. Aquatic perimeter planting is not mowed as part of SWM facility routine maintenance.

Basin – A land feature that holds water, with slopes on all sides. A basin may be constructed by excavating a pit in the ground or by constructing a dam or fill embankment.

Berm – A mound or bank of earth, compacted and stabilized on an uninterrupted continuous slope, that is used as a barrier for water.

Check Dam – A small dam (typically 6” to 12” in height) constructed across a bio-swale or other linear SWM facility that holds water in order to give it time to soak into the ground. A check dam may be constructed out of earth, timber or concrete.

Cleanout – A capped vertical pipe (typically 6” dia. PVC) that extends from the underdrain of a Filtration Facility to above the ground surface. Cleanouts are only present if the Filtration Facility has an underdrain.

The cleanout allows the underdrain to be accessed from the surface in order to clean the underdrain. From the surface, a cleanout may appear identical to an observation well – the two can only be distinguished by removing the cap and investigating belowground to determine if the vertical pipe is connected to an underdrain.

Concentrated Flow – Stormwater runoff that accumulates or converges into well-defined channels.

Dam – A barrier against the flow of water intended to: confine or raise water for storage or diversion; slow the speed of runoff; reduce erosion potential; and/or encourage sediment to settle out of water.

Dewatering Pipe – A small pipe running from the bottom of a forebay to the main treatment area of a SWM facility in order to allow water in the forebay to drain out.

Embankment – The side slope areas of SWM facilities. There are two main types of embankments: fill embankments and cut embankments. Fill embankments are created by placing fill material above existing ground to hold water in the facility. Some fill embankments contain a buried structural component to add stability and prevent seepage. Cut embankments are the side slopes of a facility that was created by excavating below existing ground.

End Structure – Any structure located at the end of a pipe where the pipe is open to a ditch, stream, or other natural land feature (i.e. where the pipe daylights). Examples of end structures include end walls and flared end sections.

Erosion – The process of water wearing away the soil surface.

Filter Bed – The section of a Filtration Facility below the ground that contains filter media and the underdrain pipe, if present.

Filter Media – Layers of sand, organic matter, soil, gravel and/or other media in a Filtration Facility used to remove pollutants and sediment from water soaking into the ground. The filter media cleans water before it reaches a stream or other natural body of water.

Filtration – The separation or removal of pollutants and sediment from stormwater runoff as water moves downward through filter media.

Footprint – The general area of land covered by a SWM facility.

Forebay – Storage space where runoff enters a SWM facility at an inflow point. The forebay traps incoming sediment before it can accumulate in the main treatment area of a SWM facility. It is often separated from the main treatment area by an earthen or stone weir. The forebay may be designed to be dry or may be designed to have a permanent pool of water. A dry forebay may include a dewatering pipe.

Herbaceous Vegetation – Plants that have non-woody stems which die down to the soil level at the end of the growing season; excludes trees and shrubs.

Infiltration – The downward movement of water into the ground.

Inflow/Outflow Protection – A device or material (usually riprap, gabions or a concrete structure) placed at inflow and outflow points and used to protect the soil surface from erosion caused by concentrated flows.

Inflow Point – Any place where a concentrated flow of water enters a SWM facility. Examples of inflow points include pipes, end structures, curb openings, and ditches.

Inlet – A structure at ground level with an opening that intercepts water and directs it into a pipe. An inlet is typically a concrete structure with a metal grate covering the opening. An inlet may also be called a catch basin.

Maintenance Access – A permanent entrance or access way into a SWM facility that is stabilized and graded to allow vehicular access.

Major Sediment Accumulation – Sediment that has accumulated in a large enough quantity that mechanical equipment must be used to remove it.

Minor Sediment Accumulation – Accumulated sediment that can be easily removed with a shovel.

Observation Well – A capped vertical pipe (typically 6” dia. PVC) that extends from the bottom of a Filtration Facility’s filter bed or an Infiltration Facility’s stone reservoir to above the ground surface. Observation wells are not connected to other pipes. By removing the cap and looking in the observation well, an inspector is able to measure the level of water below the ground at any given time. From the surface, an observation well may appear identical to a cleanout – the two can only be distinguished by removing the cap and investigating belowground to determine if the vertical pipe is connected to an underdrain.

Outfall – The place where water leaves a pipe or ditch carrying water away from a SWM facility; located outside of the SWM facility footprint and downstream of an outflow point. An outfall is typically a ditch or stream.

Outflow Point – Any structure or place where a concentrated flow of water leaves a SWM facility; located within the SWM facility footprint. Examples of outflow points include riser structures, inlets, pipes, and weirs.

Permanent Pool – An area within a SWM facility that is intentionally designed to permanently hold some volume of water at all times. Generally, any water that is *not* in a permanent pool is supposed to soak into the ground within 72 hours after a storm. After a storm it may be difficult to determine in the field whether standing water is intended to be a permanent pool, so maintenance personnel may need to reference design plans to identify permanent pools.

Pond Drain – A small pipe that runs from the bottom of a SWM facility to the bottom of a riser structure. A pond drain can be used to dewater a SWM facility. In Wet Ponds, this opening in the riser may be intentionally sealed or blocked to maintain the permanent pool. Pond drains may be outfitted with locks or valves where they connect to the riser structure.

Retrofit – Changes made to an existing SWM facility in order to improve the overall function. Retrofits generally involve more design and permitting than typical maintenance activities. SWM facilities that are intended to be retrofitted or are undergoing retrofit may be excluded from routine maintenance activities.

Riser Structure – A vertical corrugated metal pipe or concrete box structure which extends above the bottom of a SWM facility. The riser structure is the main outflow point that allows water to flow out of the facility.

Runoff – Water from rain, snow or other precipitation that does not soak into the ground, but instead flows over the land surface.

Sediment – Solid material, such as soil particles, that is carried by (and eventually settles out of) water.

Seepage – The process of water moving through or emerging from a fill embankment. Seepage is a sign that the embankment may potentially be failing. This problem may be indicated by wet soil on the outside of a fill embankment. Any signs of seepage should be reported to HHD.

Stone Reservoir – The section of an Infiltration Facility below the ground that is filled with stone. The stone reservoir serves as short-term storage-space for water that has soaked into the facility, in order to hold that water until it can infiltrate into the ground below the stone reservoir.

Stormwater Management (SWM) Facility – A structural or non-structural practice designed to manage the volume, flow rate, and quality of stormwater runoff before that water enters natural waterways or groundwater. SWM facilities may be located belowground or at the land surface.

SWM Facility Number – A unique identification number assigned to a SWM facility by HHD for the purpose of tracking activities and functions associated with that facility.

Toe (of Embankment) – Typically where the embankment slope stops, levels out, or meets existing grade; generally the bottom of the slope. It may be difficult to determine in the field where the outer toe of a fill embankment is if the SWM facility is located on a slope, so maintenance personnel may need to reference design plans in order to determine this location.

Trash Rack – A metal grill, grate, or other device installed at the point where water flows into a riser structure, meant to prevent oversized debris from entering the structure.

Underdrain – A horizontal perforated or slotted pipe that lies at the bottom of a filter bed in a Filtration Facility. Most Filtration Facilities have underdrains. The underdrain allows water that has soaked all the way through the filter bed to flow to the outfall.

Weir – A barrier that holds ponded water until the water depth reaches the height of the barrier, at which point water then flows over the weir. Examples of weirs include a barrier between the forebay and the main treatment area of a SWM facility (resembling a small dam), a low point in the top of an embankment through which excess water flows away from the facility, or a wall that limits or controls the flow of water into a riser structure.

III. TYPES OF STORMWATER MANAGEMENT FACILITIES

As of 2015, the State Highway Administration (SHA) owns and maintains more than 3,600 permanent stormwater management (SWM) facilities throughout the state of Maryland, and this number is increasing each year. The **Annapolis Shop** (Shop) area contains over 320 SWM facilities, all of which must be routinely maintained in order to preserve their ability to perform effectively. These SWM facilities play an important role in managing both the quantity and quality of stormwater runoff entering Maryland’s waterways. Title 4, Subtitle 2 of the Environment Article of the Annotated Code of Maryland states that “...the management of stormwater runoff is necessary to reduce stream channel erosion, pollution, siltation and sedimentation, and local flooding, all of which have adverse impacts on the water and land resources of Maryland.”

As part of the Stormwater and Drainage Asset Management program, HHD has developed a geodatabase inventory that identifies all SHA infrastructure that captures, treats, and conveys stormwater runoff within SHA right-of-way. This geodatabase defines the location, facility number, and type of all SWM facilities owned by SHA in the state of Maryland. There are 46 different types of SWM facilities in the HHD geodatabase, all varying widely in design and function. Some SWM facilities are ponds, traditionally designed according to older guidelines. Many of the newer facilities are smaller in footprint, but greater in number, and are designed according to Environmental Site Design (ESD) guidelines. These newer ESD facility types are indicated below with “(ESD)”.

SWM Facility Routine Maintenance Categories

There are three defining characteristics of SWM facilities relating to routine maintenance requirements: (1) how the SWM facilities function, (2) how they appear at the land surface, and (3) how they should be maintained. Based on these three characteristics, the 46 SHA SWM facility types have each been classified into one of seven routine maintenance categories. This manual provides routine maintenance guidelines for five of the seven categories (Categories 1-5). Routine maintenance of SWM facilities in the other two categories (Categories 6-7) is either not the responsibility of Shop maintenance personnel or is guided by SHA Turfgrass Management Guidelines. The routine maintenance categories are as follows:

1. **Dry Pond** – A Dry Pond is a SWM facility that is designed to hold stormwater runoff, then release the runoff over a period of time. The purpose of a Dry Pond is to allow time for pollutants and sediment to settle out of water, and to manage the volume of stormwater runoff in order to prevent floods. A Dry Pond generally appears to be a grass basin. It is not designed have a permanent pool of water, and therefore should not have standing water during dry weather conditions. Dry Ponds should be maintained by following the Dry Pond Routine Maintenance Guidelines in Appendix A. The category of Dry Pond includes the following SWM facility types:

- Dry Pond
- Dry Extended Detention Pond



2. **Wet Pond** – Similar to a Dry Pond, a Wet Pond is a SWM facility that is designed to hold stormwater runoff, then release the runoff over a period of time, with the purpose of removing pollutants and sediment from water and providing flood protection. Unlike a Dry Pond, however, a Wet Pond is designed to permanently hold some volume of water at all times. A Wet Pond generally includes a grassed embankment and aquatic perimeter planting around a pool of water. Wet Ponds should be maintained by following the Wet Pond Routine Maintenance Guidelines in Appendix A. The category of Wet Pond includes the following SWM facility types:

- Wet Pond
- Shallow Marsh
- Wet Extended Detention Pond
- Micropool Extended Detention Pond
- Wet Swale (*ESD*)
- Pocket Pond
- ED Shallow Wetland
- Pond/Wetland System
- Pocket Wetland
- P-4 (*Multiple Pond System*)
- W-1 (*Shallow Wetland*)



Example Wet Pond

Note that wetland SWM facility types in this category are not considered jurisdictional wetlands or natural resources protected by the Maryland Department of the Environment (MDE). Wetland SWM facility types may be accessed and maintained without an MDE permit.

3. **Infiltration Facility** – An Infiltration Facility is a SWM facility that is designed to temporarily hold stormwater runoff while allowing the water to soak into the ground over time. The purpose of an Infiltration Facility is to reduce the amount of stormwater runoff flowing on top of the land surface by redirecting that water into the ground. An Infiltration Facility may be in the form of a basin or a ditch. It may have a stone or grass bottom, and typically includes an observation well. Infiltration Facilities may also have stone reservoirs belowground. Infiltration Facilities should be maintained by following the Infiltration Facility Routine Maintenance Guidelines in Appendix A. The category of Infiltration Facility includes the following SWM facility types:

- Infiltration Trench
- Infiltration Basin
- Dry Well (*ESD*)



Example Infiltration Facility

4. **Filtration Facility** – A Filtration Facility is a SWM facility that is designed to temporarily hold stormwater runoff above a filter bed. Over time, the water soaks through the filter media, which removes pollutants and sediment from the water. A Filtration Facility often includes an underdrain and cleanout(s) extending above the surface of the ground. The facility may be fully vegetated, or have only mulch on the bottom, or be landscaped with both vegetation and mulch. Filtration Facilities should be maintained by following the Filtration Facility Routine Maintenance Guidelines in Appendix A. The category of Filtration Facility includes the following SWM facility types:

- Micro-Bioretenention (*ESD*)
- Bioretention
- Surface Sand Filter
- Submerged Gravel Wetland (*ESD*)
- Rain Garden (*ESD*)
- Landscape Infiltration (*ESD*)
- Organic Filter
- Enhanced Filter (*ESD*)



Example Filtration Facility

5. **Bio-swale** – A Bio-swale is a specific type of Filtration Facility that is located in a ditch with a 2 to 8 foot wide flat bottom. Like a Filtration Facility, the purpose of a Bio-swale is to remove pollutants from stormwater runoff. A Bio-swale generally includes check dams spaced evenly along the length of the facility. The check dams are intended to create ponding of water for a period of time while the water soaks through the filter media. Note that Bio-swales are identified as a separate category from the Filtration Facility category because they make up a relatively large percentage of SHA SWM facilities. Bio-swales should be maintained by following the Bio-swale Routine Maintenance Guidelines in Appendix A. Dry swales are functionally and physically very similar to bio-swales and can be maintained the same way. The category of Bio-swale includes the following SWM facility types:

- Bio-swale (*ESD*)
- Dry Swale



Example Bio-Swale

6. **Turfgrass Maintenance** – Some SWM facilities do not have visible features that distinguish them from other grassed areas that SHA maintenance personnel routinely mow and maintain. SHA maintenance personnel *are* responsible for the routine maintenance of these simple turfgrass SWM facilities. However, guidelines for such routine maintenance are not provided in this manual. Instead, follow SHA Turfgrass Management Guidelines to maintain the following facility types:

- Grass Swale (*ESD*)
- Grass Channel Credit
- Disconnection of Non-Rooftop Runoff (*ESD*)
- Infiltration Berm (*ESD*)
- Sheetflow to Conservation Areas (*ESD*)



Example Turfgrass SWM Facility

7. **No Routine Maintenance** – Although the following SWM facility types may be mapped and included in the Index in this manual, SHA maintenance personnel are *not* responsible for their routine maintenance unless otherwise directed by HHD:

- | | |
|---------------------------------------|-----------------------------|
| - Underground Detention | - Other Pond |
| - Underground Sand Filter | - Other Wetland |
| - Permeable Pavement (<i>ESD</i>) | - Other Infiltration |
| - Porous Pavement | - Other Filtering |
| - Rainwater Harvesting (<i>ESD</i>) | - Other Open Channel System |
| - Oil Grit Separator | - X-2 |
| - Stream Restoration | - Y-1 |
| - Other | |

How to Identify Routine Maintenance Categories

The routine maintenance category that any SWM facility falls into can be identified as follows:

Option A: Given a known SWM facility number, the SWM facility type and routine maintenance category can be read from the Index of Stormwater Management Facilities in Appendix C.

Option B: Read the SWM facility type at the top right corner of a detail map in Appendix B. Then return to this section (pages 3 through 5) to determine which routine maintenance category the identified SWM facility type is listed under.

IV. ROUTINE MAINTENANCE OF SWM FACILITIES

There are four levels of stormwater management (SWM) facility maintenance: (1) routine, (2) minor, (3) major, and (4) retrofit. Effective routine maintenance of SWM facilities will typically ensure good function and pleasing aesthetics of the facilities, and can be essential in the minimization of minor and major maintenance needs over time. Failure of SWM facilities to perform as designed can negatively affect both SHA SWM permit compliance and achievement of Chesapeake Bay TMDL goals.

The SHA maintenance shops are generally responsible for routine maintenance of SWM facilities, and for repair or correction of any minor issues that occur. HHD is committed to providing the shops with support in these operational activities. When performing routine and minor maintenance activities, contact HHD if any questions or concerns are raised regarding SWM facilities or other stormwater and drainage assets.

Major maintenance issues and SWM facility retrofits are the responsibility of HHD. Consequently, any SWM facilities that are in need of major maintenance or are designated as retrofit facilities will not be the responsibility of the SHA shops while the repair or retrofit implementation is occurring. HHD will annually provide a list to the **Annapolis Shop (Shop)** that clearly identifies all SHA SWM facilities in the Shop area, along with who is responsible for their maintenance. Note that the mapping provided in Appendix B may include SWM facilities that do not need to be routinely maintained by the Shop. Therefore, in order to effectively plan routine and minor maintenance to be completed by the Shop, this mapping should be used in conjunction with the annual list of facilities and personnel responsible for maintenance.

Routine Maintenance Guidelines

Routine Maintenance Guidelines for five SWM facility routine maintenance categories are provided in Appendix A of this manual. Each set of guidelines is accompanied by a sample schematic of a SWM facility type associated with that category, along with sample photographs of such facilities. For all five of these SWM facility routine maintenance categories, it is recommended that that routine maintenance of a facility be performed at least twice a year: once in the spring between March 15th and May 15th and once in the fall between September 15th and November 15th.

In order to simplify the routine maintenance requirements for maintenance personnel, mowing guidelines have been standardized for the five SWM facility routine maintenance categories (Categories 1-5). Herbaceous SWM facility vegetation, excluding aquatic perimeter planting, should be mowed to a height of 6-inches once each year in the fall. Facilities should be mowed using an articulated or side arm mower. Boom-axe, flail or rotary heads should be attached for proper mowing based on the type of vegetation being cut. Equivalent equipment, as available to the maintenance crew for safe mowing procedures, is acceptable.

In general, SWM facilities should be mowed according to the guidelines presented in this manual within the limits of 15 feet beyond the top of a cut embankment; 15 feet beyond the outer toe of a fill embankment; or the ditch bottom for a linear SWM facility located in a ditch. Refer to the SWM Facility Limits of Mowing in Appendix A for profiles of these mowing limits. Note that mowing according to this manual’s

guidelines may be in addition to mowing according to other guidelines. For example, a Bio-swale should be mowed according to the Bio-Swale Routine Maintenance Guidelines within the limits of the flat ditch bottom, and should generally also be mowed according to SHA Turfgrass Management Guidelines outside of those limits along the ditch side slopes.

Other routine maintenance activities that should be performed each year include removing trash and debris, stabilizing eroded areas, and re-seeding sparsely vegetated areas. While performing this routine maintenance, maintenance personnel should also inspect the SWM facility to identify potential issues that may require minor or major maintenance. Check for deterioration or damage to any structures associated with the facility; soft spots, depressions, water seepage or any other signs of potential structural failure in the embankment; and/or a build-up of sediment. Identification of and responses to such issues are further explained in Section V of this manual.

Of the five SWM facility routine maintenance categories for which guidelines are provided in this manual, only Wet Ponds should have a permanent pool of water during dry weather conditions. Any SWM facility classified as one of the other four maintenance categories is not functioning properly if water remains in the facility more than 72 hours after a storm. Actions that maintenance personnel can perform to solve the issue of undesirable ponding water include clearing clogs or obstructions to outflow points, removing accumulated sediment and debris, and cleaning out the underdrain, if present. See Page 9 for further information. Regardless of whether the undesirable ponding water issue is solved, report any actions taken to remediate the issue and the results to HHD.

In order to function properly, Filtration and Infiltration Facilities depend on the infiltration of water into and through soil layers at specific rates, per the design of the SWM facility. When soil and/or filter media become compacted, the rate of infiltration through the media is reduced. Therefore, it is important to perform all maintenance activities on Filtration and Infiltration facilities (including Bio-swales) in a manner that prevents compaction of the facility bottom. Do not drive equipment over the bottoms of Infiltration facilities, Filtration facilities, or Bio-swales at any time. If compacted soil is ever observed in a Filtration or Infiltration facility, report the condition to HHD.

Do not perform maintenance on any portions of a SWM facility that contain saturated or wet soil at the surface. If saturated soils are observed, the routine maintenance activities for the affected areas should be rescheduled to occur when drier conditions are present, during the same season, if possible.

V. IDENTIFYING AND SOLVING COMMON PROBLEMS

While major issues with SWM facilities are the responsibility of, and should be reported to HHD, minor issues are typically handled by Shop maintenance personnel. The following pages define common issues that may be observed at SWM facilities, along with their solutions. Portions of this Section V were adapted from Chapter 7, “Best Management Practice Assessment Guidelines for Maintenance and Remediation,” of the “Stormwater NPDES Program Standard Procedures Manual” produced by SHA.

Erosion

A common problem that occurs at many SWM facilities is erosion, often along an unstable ditch or embankment slope. When soils are not properly compacted during construction, or when vegetation does not establish properly along a slope or channel, erosion can occur. It is important to repair minor erosion immediately because bare soil that is exposed by erosion becomes even more susceptible to additional erosion, and thus minor erosion can quickly become a major problem.

Problem	Solution
Minor erosion	Fill the eroded area with Furnished Topsoil as necessary to restore the original ground surface. If the eroded area is adjacent to existing riprap, stabilize the repaired area with Class I Riprap. Else, re-seed the repaired area with SHA Turfgrass Seed Mix and install Type ‘A’ Soil Stabilization Matting.
Major erosion	Report to HHD.



Minor Erosion in Grass Swale



Minor Erosion Under Silt Fence



Major Erosion Along Pond Bank



Major Erosion at Inflow Point

Sediment Accumulation

Sediment is carried into SWM facilities with stormwater runoff, and as the water is held in the facility the sediment settles out of the water. Many SWM facilities have forebays to allow most of the sediment to settle out before the water reaches the main treatment area. Sediment can also accumulate in a SWM facility as a result of erosion upstream of the facility. Sediment accumulation in the main treatment area is a problem because it can slow infiltration of water into the ground, reduce the volume of water that can be stored in the facility, and/or clog outflow points. If identified, maintenance personnel should remove minor accumulated sediment from forebays, outfalls and other areas.

Problem	Solution
Minor sediment accumulation	Remove minor accumulated sediment with a shovel. If necessary, re-seed the affected area with SHA Turfgrass Seed Mix and install Type ‘A’ Soil Stabilization Matting.
Major sediment accumulation	Report to HHD.



Minor Sediment Accumulation in Inflow Ditch



Minor Sediment Accumulation



Major Sediment Accumulation at Outfall



Major Sediment Accumulation in Forebay

Lack of Vegetation

Lack of vegetation is most commonly identified by areas of visible bare soil, and is a problem because it bare soil is vulnerable to erosion. While small areas of bare soil are not uncommon in the life-cycle of a SWM facility, large areas of bare soil may indicate that permanent or reoccurring conditions are not favorable for plant growth. In such cases, the condition should be reported to HHD so that HHD can assess the facility and determine whether there is an underlying issue causing the lack of vegetation.

Problem	Solution
Small area of bare soil	Re-seed the bare area with SHA Turfgrass Seed Mix and install Type ‘A’ Soil Stabilization Matting.
Large area of bare soil	Report to HHD.



Small Area of Bare Soil in Grass Swale



Small Area of Bare Soil Caused By Rut



Large Area of Bare Soil on Pond Bottom



Large Area of Bare Soil on Pond Bottom

Excessive Vegetation

The growth of excessive vegetation over time can adversely impact a SWM facility by blocking pipes, structures, and weirs or by growing into and interfering with the proper function of filter media. Excessive vegetation can also interfere with an inspector’s ability to perform required periodic inspections of facilities and structures. In most cases, vegetation should be controlled by routine mowing of SWM facilities. However, if excessive vegetation is encountered it should be removed.

Problem	Solution
Excessive vegetation	Clear the vegetation with a weed trimmer.

Damaged or Deteriorated Structure or Pipe

Structures and pipes in SWM facilities are occasionally damaged by large debris, ice, soil settlement, or other conditions. These critical components of SWM facilities also deteriorate over time. It is important to maintain structures and pipes in good condition to ensure that water is collected and conveyed to the intended location. If maintenance personnel encounter a damaged or deteriorated structure or pipe, inform the Shop Resident Maintenance Engineer to determine how to repair the structure or pipe.

Problem	Solution
Damaged or deteriorated structure or pipe	Report to Resident Maintenance Engineer.



Vegetation Obstructing Outflow Point



Vegetation Obstructing Riser Structure



Excessive Vegetation in Infiltration Trench



Excessive Vegetation in Infiltration Trench



Deteriorated CMP End Structure



Broken Observation Well



Pipe Separated From End Structure



Water Leaking into Pipe

Unstable Embankment

The embankment of a SWM facility holds water in the facility. Failure of an embankment results in water leaving the facility in problematic ways and locations, and is an indication that the facility cannot manage stormwater runoff as intended. Unmanaged runoff can lead to downstream flooding. It is therefore important to identify signs of potential embankment failure, including soft spots or depressions in the embankment, as well as seepage of water through a fill embankment. Erosion and holes, such as animal burrows, could also contribute to embankment failure.

Problem	Solution
Animal burrows or other holes	Eliminate holes by filling them with soil.
Erosion	See Identifying and Solving Erosion on page 6.
Soft spots, depressions, seepage, or other problem.	Report to HHD.



Animal Burrow in Embankment



Eroded Embankment



Eroded Embankment Exposing Pipe



Frozen Seepage Through Embankment

Undesirable Ponding Water

For all routine maintenance categories except Wet Ponds, no ponding water should be visible in the facility 72 hours after a storm. Only a Wet Pond should have a permanent pool of water during dry weather conditions. Undesirable ponding water may indicate that outflow point(s) are clogged; accumulated sediment/debris or clogged/compacted filter media is reducing the rate of infiltration; or the underdrain of a Filtration Facility is blocked. Regardless of whether the issue of undesirable ponding water is solved, report the actions taken to remediate the issue and the results to HHD.

Problem	Solution
Outflow point(s) are clogged	Clear clogs in or obstructions to the outflow point(s).
Leaves/sediment/debris has accumulated on the facility bottom	Remove minor leaf/sediment/debris buildup from the bottom of the facility. Report major buildup to HHD.
Underdrain is blocked	Clean out the underdrain with a vacuum truck.
Filter media is clogged or compacted, or other problem.	Report to HHD.



Accumulated Sediment Blocking Outflow Point



Saturated Infiltration Trench



Ponding Water in Bio-Swale



Surface Sand Filter Not Draining

VI. MAPPING AND INDEX DESCRIPTION

To effectively maintain all of the SWM facilities in the **Annapolis Shop** (Shop) area, Shop personnel must know the location and type of each facility. HHD has therefore developed maps of each of the existing SHA-owned SWM facilities in the Shop area, specifying the locations and types of the facilities. These maps are contained in Appendix B of this manual, and were prepared utilizing April 2015 geodatabase data. There are three types of maps provided:

1. An overview map of the entire Shop area, defining the limits of the Shop area within a reference grid.
2. Tile maps corresponding to the reference grid on the overview map, showing portions of the Shop area in greater detail. These tile maps show the general locations of the SWM facilities. Each SWM facility is labeled with a unique identification number.
3. One detail map for each SWM facility in the Shop area, defining the specific location and type of the facility, as well as the approximate layout of the facility.

The following information and features are displayed on the detail maps:

- The SWM facility number.
- The SWM facility type, corresponding to the facility types listed in Section III of this manual.
- The approximate facility footprint. A diamond or circle may be shown if the actual facility footprint was not available in the HHD geodatabase.
- SHA-owned pipes and drainage structures in the vicinity of the SWM facility, as defined in the HHD geodatabase. Structure numbers and pipe sizes and materials are labeled, if the information was available in the HHD geodatabase. Pipes are labeled as “UNK” if the pipe size and material was not available.
- The approximate SHA Right-of-Way line. This line is approximate and does not define ownership.
- Mile points along SHA-owned roads.
- Names of roadways in the immediate vicinity of the SWM facility, for location reference.
- The Shop boundary, if applicable.

Note that some detail maps show multiple SWM facilities, for cases where facilities are in close proximity to each other. In such cases, the SWM facility corresponding to the facility number and type written in the top right corner of the sheet is shown with a blue outline and red label, while other nearby facilities are shown with a yellow outline and gray label.

The locations and types of all of the SWM facilities in the Shop area have been summarized in the Index of Stormwater Management Facilities, found in Appendix C. This Index lists the SWM facility number, facility type, and routine maintenance category of all of the SWM facilities mapped in Appendix B, along with the number of the tile map that the SWM facility can be found on. This Index is presented in two forms: one sorted by SWM facility number, and one sorted by tile map.

This manual is a living document. Please provide comments and feedback to Kiona A. Leah at 410-545-8044 or at [kleah@sha.state.md.us](mailto:k Leah@sha.state.md.us).

APPENDIX A

Routine Maintenance Guidelines

SWM Facility Limits of Mowing

	DRY SWM FACILITY	WET SWM FACILITY
CUT EMBANKMENT		
FILL EMBANKMENT		
DITCH		

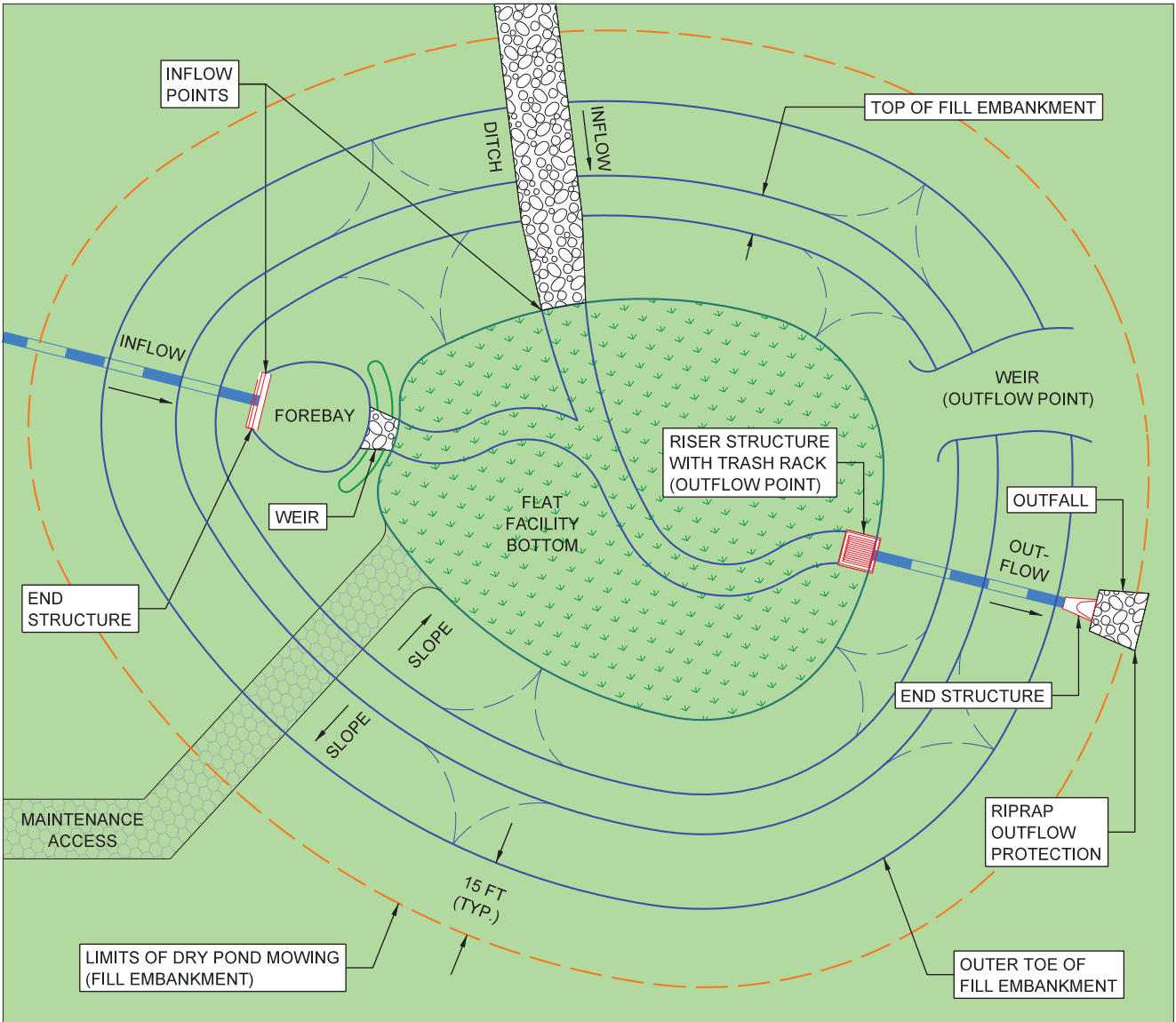
NOTES: 1. SOME SWM FACILITIES MAY BE A COMBINATION OF CUT AND FILL EMBANKMENTS.
2. "SWM FACILITY LIMITS OF MOWING" ARE LIMITS OF MOWING ACCORDING TO GUIDELINES PRESENTED IN THIS STORMWATER MANAGEMENT FACILITY ROUTINE MAINTENANCE MANUAL.THERE MAY BE ADDITIONAL MOWING OUTSIDE OF THESE LIMITS ACCORDING TO OTHER GUIDELINES, SUCH AS SHA TURFGRASS MANAGEMENT GUIDELINES,WHERE APPLICABLE.

Dry Pond Routine Maintenance Guidelines

Maintaining Dry Ponds

Description and Purpose: Aesthetic and structural maintenance of Dry Ponds.			
Scheduling: Once each spring (March 15 – May 15) and fall (September 15 – November 15).			
Team:		Equip./ Material	
Facility Maintenance Technician IV	1	1. Install MOT devices.	
Facility Maintenance Technician	3	2. Remove trash, leaves, and debris from the pond, trash rack, and other structure(s).	
Equipment:		3. Check for deterioration or damage to structure(s). Notify Resident Maintenance Engineer if repair work is needed.	
MOT/Safety Equipment	A	4. Check for clogs and clear vegetation obstructing the structure(s).	
Pick-Up Truck	B	5. Remove accumulated sediment from the facility.	
Shovel	C	6. Check each side of the embankment, if present. Eliminate any animal burrows/holes by filling them with soil. Report any soft spots, depressions, or water seepage to HDD.	
Weed Trimmer	D	7. Haul removed trash, debris, vegetation, and sediment to designated disposal area.	
Articulated or Side Arm Mower	E	8. Remove MOT devices.	
Spreaders	F	Fall Maintenance Work Method:	
Material:		1. Install MOT devices.	
Furnished Topsoil	G	2. Remove trash, leaves, and debris from the pond, trash rack, and other structure(s).	
SHA Turfgrass Seed Mix	H	3. Mow herbaceous vegetation within the SWM facility limits of mowing to a height of 6-inches.	
Type ‘A’ Soil Stabilization Matting	I	4. Seed sparsely vegetated areas and install matting.	
Class I Riprap	J	5. Fill eroded areas with topsoil as necessary to restore the original ground. Stabilize eroded areas adjacent to existing riprap with riprap. Else, seed and install matting.	
Unit of Measure:		6. Haul removed trash, leaves, and debris to designated disposal area.	
Each Dry Pond		7. Remove MOT devices.	
Payment:		Troubleshooting:	
Maintaining Dry Ponds should be charged to Activity [TBD], with the approval of the Office of Highway Design – Highway Hydraulics Division (HHD). When inspecting/supporting the work of contractors, the Agency Code [TBD] should also be used.		If water is still ponding in the facility 72 hours after a storm, determine the cause and resolve in the following order:	
Notes:		1. Check for clogs and clear any obstructions to the outflow point(s).	
Follow guidelines for recommended personal protective equipment. Place signs and other safety devices in accordance with MUTCD and WZTC.		2. Report to HDD.	
Do not perform maintenance on portions of the facility with saturated soil.			

SAMPLE DRY POND SCHEMATIC



SAMPLE DRY POND PHOTOS

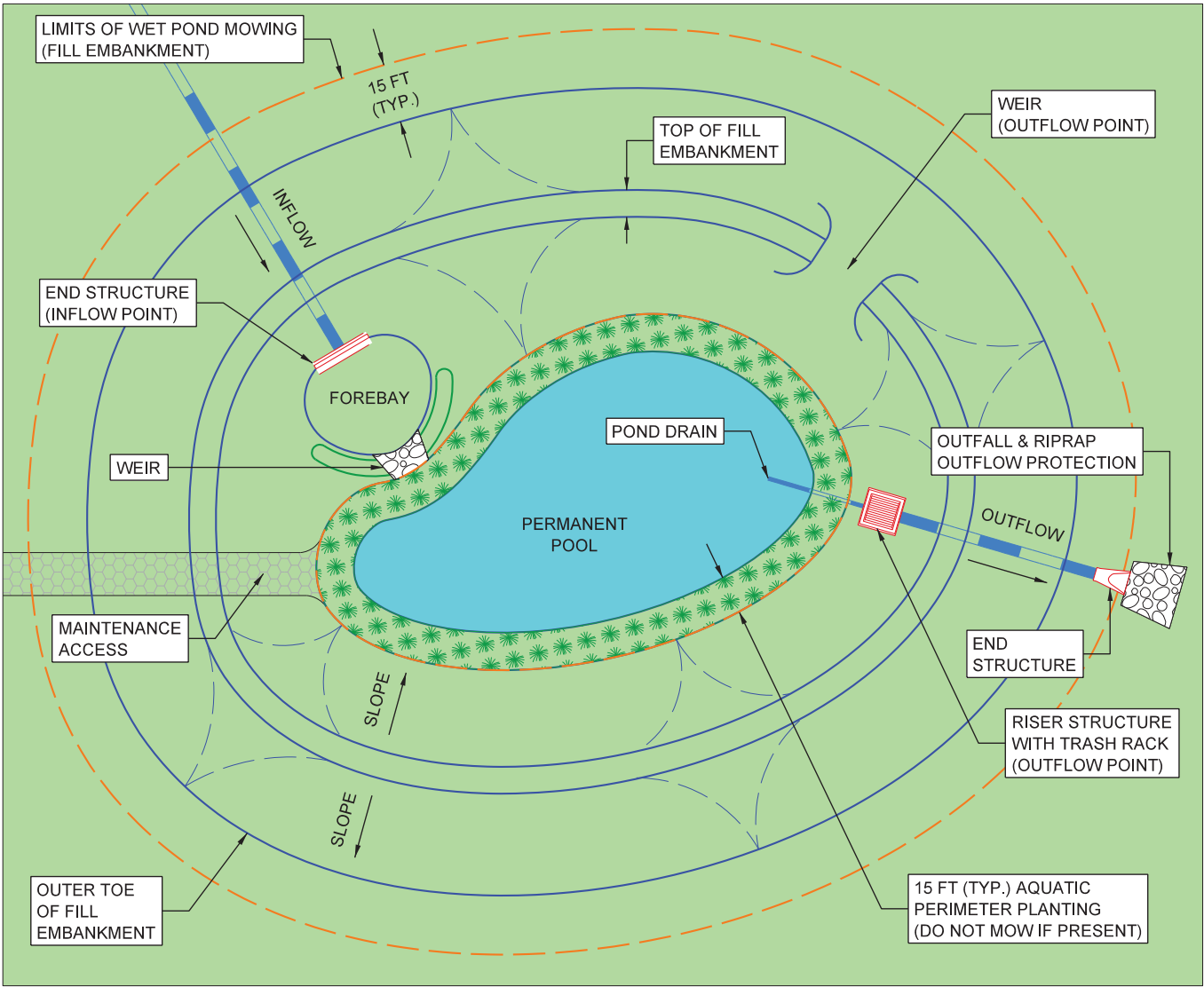


Wet Pond Routine Maintenance Guidelines

Maintaining Wet Ponds

Description and Purpose: Aesthetic and structural maintenance of Wet Ponds.			
Scheduling: Once each spring (March 15 – May 15) and fall (September 15 – November 15).			
Team:		Equip./ Material	
Facility Maintenance Technician IV	1	1. Install MOT devices. (A)	
Facility Maintenance Technician	3	2. Remove trash, leaves, and debris from the pond, trash rack, and other structure(s). (B, C)	
Equipment:		3. Check for deterioration or damage to structure(s). Notify Resident Maintenance Engineer if repair work is needed. (D)	
MOT/Safety Equipment	A	4. Check for clogs and clear vegetation obstructing the structure(s). (D)	
Pick-Up Truck	B	5. Remove accumulated sediment from the facility. (B, C)	
Shovel	C	6. Check each side of the embankment, if present. Eliminate any animal burrows/holes by filling them with soil. Report any soft spots, depressions, or water seepage to HDD. (C, G)	
Weed Trimmer	D	7. Haul removed trash, debris, vegetation, and sediment to designated disposal area. (B)	
Articulated or Side Arm Mower	E	8. Remove MOT devices.	
Spreader	F	Fall Maintenance Work Method:	
Material:		1. Install MOT devices. (A)	
Furnished Topsoil	G	2. Remove trash, leaves, and debris from the pond, trash rack, and other structure(s). (B, C)	
SHA Turfgrass Seed Mix	H	3. Mow herbaceous vegetation within the SWM facility limits of mowing to a height of 6-inches. (D, E)	
Type ‘A’ Soil Stabilization Matting	I	4. Seed sparsely vegetated areas and install matting. (F, H, I)	
Class I Riprap	J	5. Fill eroded areas with topsoil as necessary to restore the original ground. Stabilize eroded areas adjacent to existing riprap with riprap. Else, seed and install matting. (C, F, G, H, I, J)	
Unit of Measure:		6. Haul removed trash, leaves, and debris to designated disposal area. (B)	
Each Wet Pond		7. Remove MOT devices.	
Payment:		Troubleshooting:	
Maintaining Wet Ponds should be charged to Activity [TBD], with the approval of the Office of Highway Design – Highway Hydraulics Division (HHD). When inspecting/supporting the work of contractors, the Agency Code [TBD] should also be used.		If the Wet Pond is dry and has no standing water, determine the cause and resolve in the following order:	
Notes:		1. Check that the pond drain opening in the riser is completely sealed.	
Follow guidelines for recommended personal protective equipment. Place signs and other safety devices in accordance with MUTCD and WZTC.		2. Report to HDD.	
Do not perform maintenance on portions of the facility with saturated soil.			

SAMPLE WET POND SCHEMATIC



SAMPLE WET POND PHOTOS

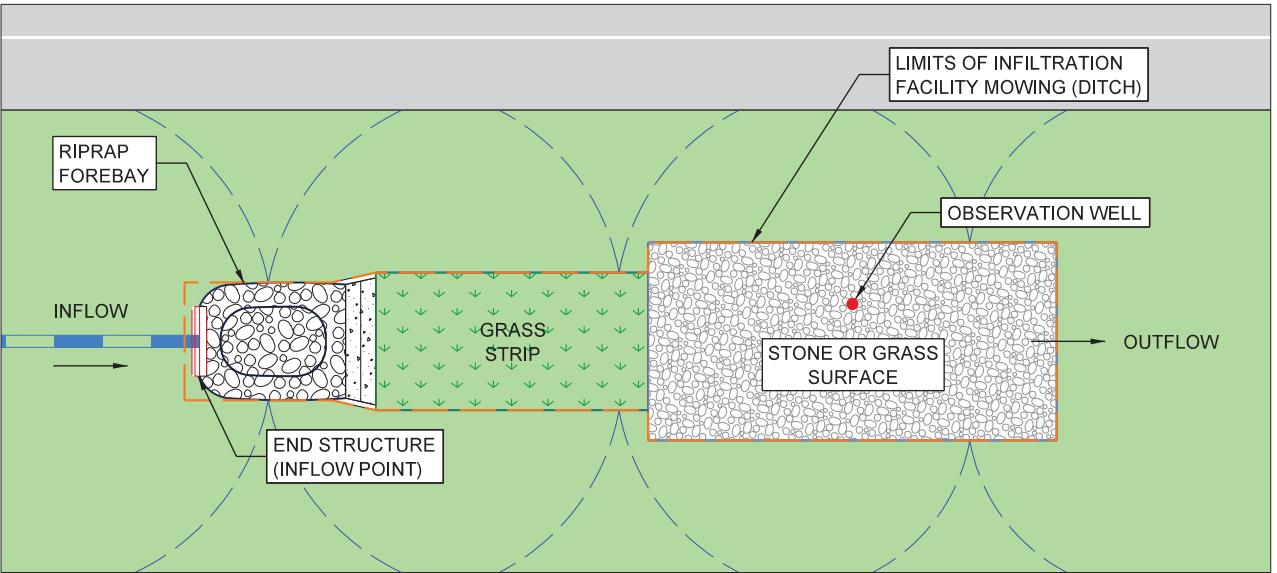


Infiltration Facility Routine Maintenance Guidelines

Maintaining Infiltration Facilities

Description and Purpose: Aesthetic and structural maintenance of Infiltration Facilities.			
Scheduling: Once each spring (March 15 – May 15) and fall (September 15 – November 15).			
Team:		Equip./ Material	
Facility Maintenance Technician IV	1	Spring Maintenance Work Method:	
Facility Maintenance Technician	3	1. Install MOT devices.	
Equipment:		2. Remove trash, leaves, and debris from the facility and associated structure(s).	
MOT/Safety Equipment	A	3. Replenish stone, if necessary.	
Pick-Up Truck	B	4. Check for deterioration or damage to structure(s). Notify Resident Maintenance Engineer if repair work is needed.	
Shovel	C	5. Check for clogs and clear vegetation obstructing the structure(s).	
Weed Trimmer	D	6. Replace any broken/missing observation well caps.	
Articulated or Side Arm Mower	E	7. Remove accumulated sediment from the facility.	
Spreader	F	8. Check each side of the embankment, if present. Eliminate any animal burrows/holes by filling them with soil. Report any soft spots, depressions, or water seepage to HDD.	
Material:		9. Haul removed trash, debris, vegetation, and sediment to designated disposal area.	
No. 2 Stone or Class 0 Riprap	G	10. Remove MOT devices.	
Screw Caps Sizes 4 and 6	H	Fall Maintenance Work Method:	
Furnished Topsoil	I	1. Install MOT devices.	
SHA Turfgrass Seed Mix	J	2. Remove trash, leaves, and debris from the facility and associated structure(s).	
Type 'A' Soil Stabilization Matting	K	3. Mow herbaceous vegetation within the SWM facility limits of mowing to a height of 6-inches.	
Class I Riprap	L	4. Seed sparsely vegetated areas and install matting.	
Unit of Measure:		5. Fill eroded areas with topsoil as necessary to restore the original ground. Stabilize eroded areas adjacent to existing riprap with riprap. Else, seed and install matting.	
Each Infiltration Facility		6. Haul removed trash, leaves, and debris to designated disposal area.	
Payment:		7. Remove MOT devices.	
Maintaining Infiltration Facilities should be charged to Activity [TBD], with the approval of the Office of Highway Design – Highway Hydraulics Division (HHD). When inspecting/supporting the work of contractors, the Agency Code [TBD] should also be used.		Troubleshooting:	
Notes:		If water is still ponding in the facility 72 hours after a storm, determine the cause and resolve in the following order:	
Perform all maintenance activities in a manner to prevent compaction of the facility bottom. Do not drive on the facility bottom. Report observed compaction to HDD.		1. Check for clogs and clear any obstructions to the outflow point(s).	
Do not perform maintenance on portions of the facility with saturated soil.		2. Remove leaf/sediment/debris buildup from the bottom of the facility.	
		3. Report to HDD.	

SAMPLE INFILTRATION FACILITY SCHEMATIC



SAMPLE INFILTRATION FACILITY PHOTOS

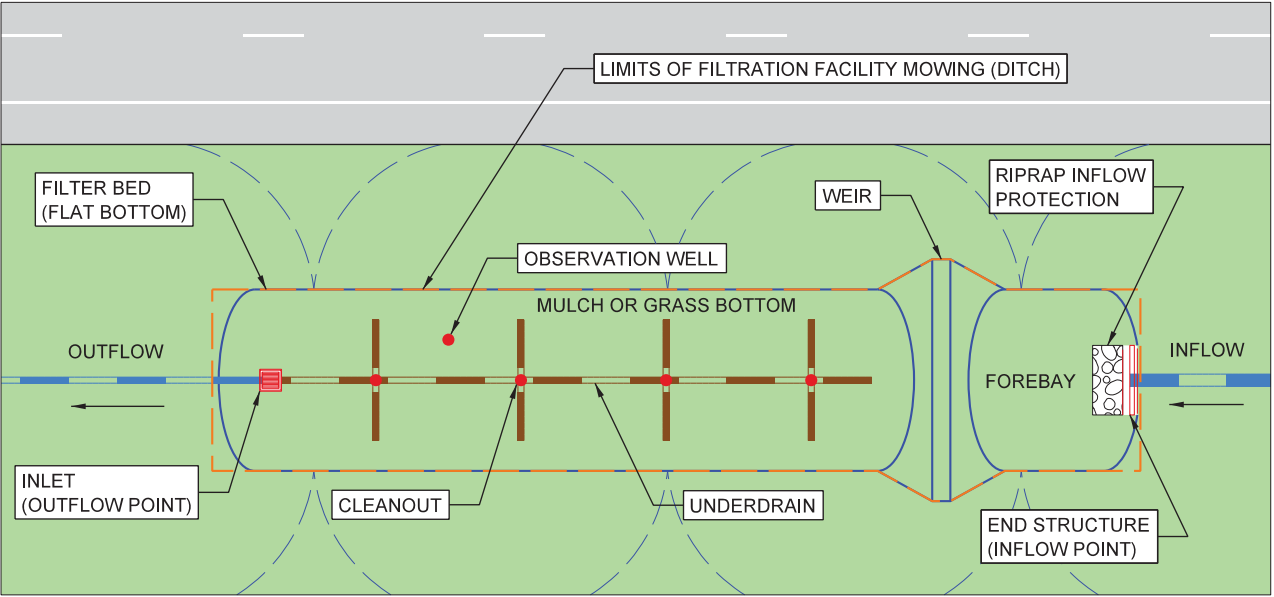


Filtration Facility Routine Maintenance Guidelines

Maintaining Filtration Facilities

Description and Purpose: Aesthetic and structural maintenance of Filtration Facilities.			
Scheduling: Once each spring (March 15 – May 15) and fall (September 15 – November 15).			
Team:		Equip./Material	
Facility Maintenance Technician IV	1	Spring Maintenance Work Method:	
Facility Maintenance Technician	3	1. Install MOT devices.	
Equipment:		2. Remove trash, leaves, and debris from the facility and associated structure(s).	
MOT/Safety Equipment	A	3. Replenish mulch, if present.	
Pick-Up Truck	B	4. Check for deterioration or damage to structure(s). Notify Resident Maintenance Engineer if repair work is needed.	
Shovel	C	5. Check for clogs and clear vegetation obstructing the structure(s).	
Weed Trimmer	D	6. Replace any broken/missing cleanout caps.	
Articulated or Side Arm Mower	E	7. Remove accumulated sediment from the facility.	
Spreader	F	8. Check each side of the embankment, if present. Eliminate any animal burrows/holes by filling them with soil. Report any soft spots, depressions, or water seepage to HHD.	
Vacuum Truck	G	9. Haul removed trash, debris, vegetation, and sediment to designated disposal area.	
Material:		10. Remove MOT devices.	
Shredded Hardwood Mulch	H	Fall Maintenance Work Method:	
Screw Caps Sizes 4 and 6	I	1. Install MOT devices.	
Furnished Topsoil	J	2. Remove trash, leaves, and debris from the facility and associated structure(s).	
SHA Turfgrass Seed Mix	K	3. Mow herbaceous vegetation within the SWM facility limits of mowing to a height of 6-inches.	
Type ‘A’ Soil Stabilization Matting	L	4. Seed sparsely vegetated areas and install matting.	
Class I Riprap	M	5. Fill eroded areas with topsoil as necessary to restore the original ground. Stabilize eroded areas adjacent to existing riprap with riprap. Else, seed and install matting.	
Unit of Measure:		6. Haul removed trash, leaves, and debris to designated disposal area.	
Each Filtration Facility		7. Remove MOT devices.	
Payment:		Troubleshooting:	
Maintaining Filtration Facilities should be charged to Activity [TBD], with the approval of the Office of Highway Design – Highway Hydraulics Division (HHD). When inspecting/supporting the work of contractors, the Agency Code [TBD] should also be used.		If water is still ponding in the facility 72 hours after a storm, determine the cause and resolve in the following order:	
Notes:		1. Check for clogs and clear any obstructions to the outflow point(s).	
Follow guidelines for recommended personal protective equipment. Place signs and other safety devices in accordance with MUTCD and WZTC.		2. Remove leaf/sediment/debris buildup from the bottom of the facility.	
Perform all maintenance activities in a manner to prevent compaction of the filter bed. Do not drive on the filter bed. Report observed compaction to HHD.		3. Check for and clear underdrain obstructions.	
Do not perform maintenance on portions of the facility with saturated soil.		4. Report to HHD.	

SAMPLE FILTRATION FACILITY SCHEMATIC



SAMPLE FILTRATION FACILITY PHOTOS

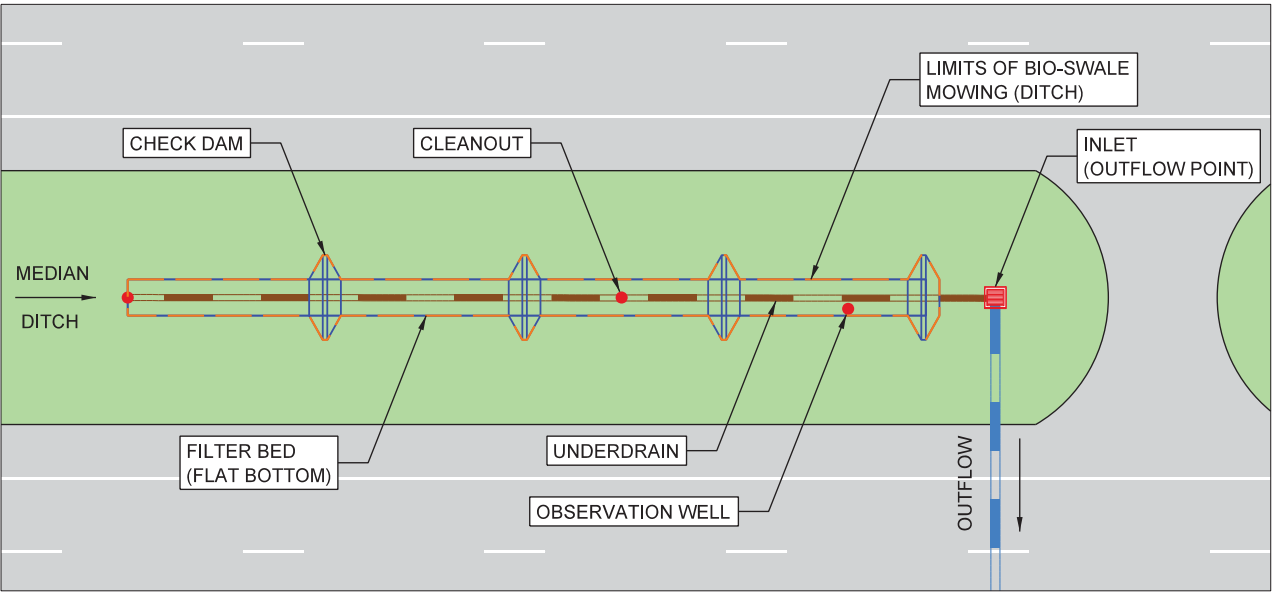


Bio-Swale Routine Maintenance Guidelines

Maintaining Bio-Swales

Description and Purpose: Aesthetic and structural maintenance of Bio-swales.			
Scheduling: Once each spring (March 15 – May 15) and fall (September 15 – November 15).			
Team:		Spring Maintenance Work Method: 1. Install MOT devices. (A) 2. Remove trash, leaves, and debris from the facility and associated structure(s). (B, C) 3. Check for deterioration or damage to structure(s). Notify Resident Maintenance Engineer if repair work is needed. (D) 4. Check for clogs and clear vegetation obstructing the structure(s). (D) 5. Replace any broken/missing cleanout caps. (H) 6. Remove accumulated sediment from the facility. (B, C) 7. Haul removed trash, debris, vegetation, and sediment to designated disposal area. (B) 8. Remove MOT devices.	Equip./Material
Facility Maintenance Technician IV	1		
Facility Maintenance Technician	3		
Equipment:			
MOT/Safety Equipment	A		
Pick-Up Truck	B		
Shovel	C		
Weed Trimmer	D		
Articulated or Side Arm Mower	E		
Spreader	F		
Vacuum Truck	G		
Material:		Fall Maintenance Work Method: 1. Install MOT devices. (A) 2. Remove trash, leaves, and debris from the facility and associated structure(s). (B, C) 3. Mow herbaceous vegetation within the SWM facility limits of mowing to a height of 6-inches. (D, E) 4. Seed sparsely vegetated areas and install matting. (F, I, J) 5. Fill eroded areas with topsoil as necessary to restore the original ground. Stabilize eroded areas adjacent to existing riprap with riprap. Else, seed and install matting. (C, F, I, J, K, L) 6. Haul removed trash, leaves, and debris to designated disposal area. (B) 7. Remove MOT devices.	
Screw Caps Sizes 4 and 6	H		
SHA Turfgrass Seed Mix	I		
Type ‘A’ Soil Stabilization Matting	J		
Furnished Topsoil	K		
Class I Riprap	L		
Unit of Measure:			
Each Bio-swale			
Payment:			
Maintaining Bio-swales should be charged to Activity [TBD], with the approval of the Office of Highway Design – Highway Hydraulics Division (HHD). When inspecting/supporting the work of contractors, the Agency Code [TBD] should also be used.			
Notes:		Troubleshooting: If water is still ponding in the facility 72 hours after a storm, determine the cause and resolve in the following order: 1. Check for clogs and clear any obstructions to the outflow point(s). (B, C) 2. Remove leaf/sediment/debris buildup from the bottom of the facility. (G) 3. Check for and clear underdrain obstructions. (G) 4. Report to HHD.	
Follow guidelines for recommended personal protective equipment. Place signs and other safety devices in accordance with MUTCD and WZTC.			
Perform all maintenance activities in a manner to prevent compaction of the filter bed. Do not drive on the filter bed. Report observed compaction to HHD.			
Do not perform maintenance on portions of the facility with saturated soil.			

SAMPLE BIO-SWALE SCHEMATIC



SAMPLE BIO-SWALE PHOTOS



APPENDIX B

Stormwater Management Facility Mapping

SHA SWM Facility Overview Map

Annapolis

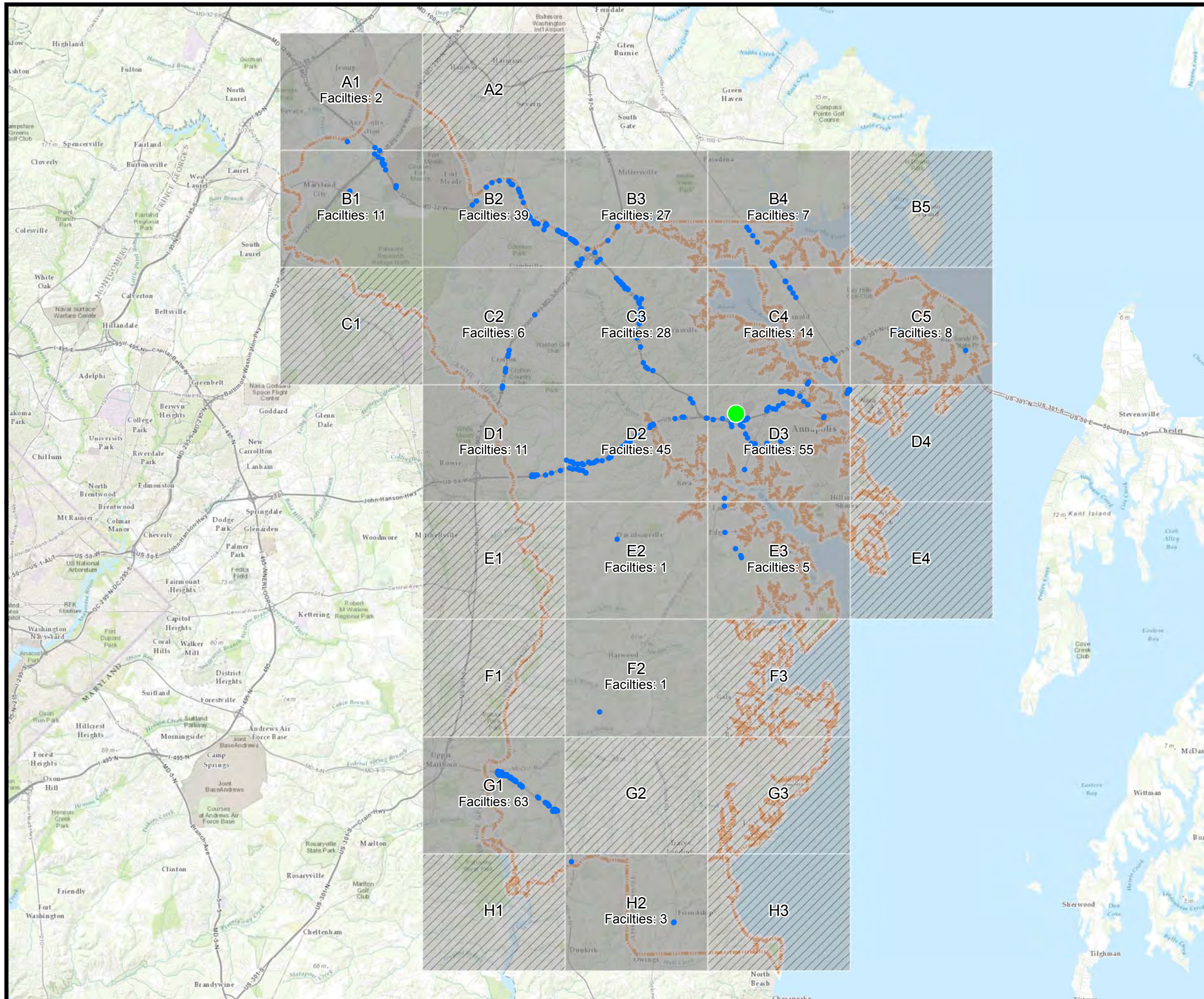
No. SWM Facilities: 326

1 inch = 17,000 feet

- SHA Maintenance Shop
- SWM Facility Location
- Tile (with SWM Facilities)
- Tile (without SWM Facilities)
- Shop Boundary



Esri Topo Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility
Tile Map A1

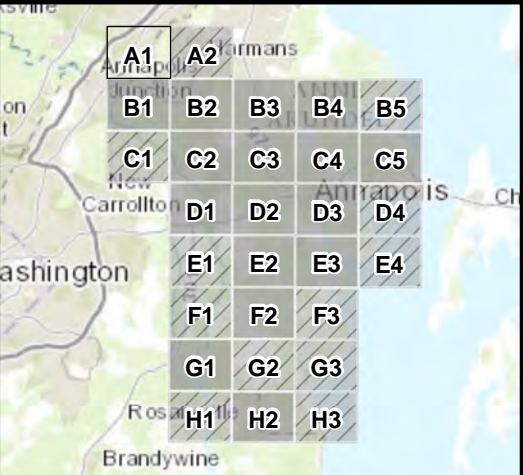
Annapolis

No. SWM Facilities: 2

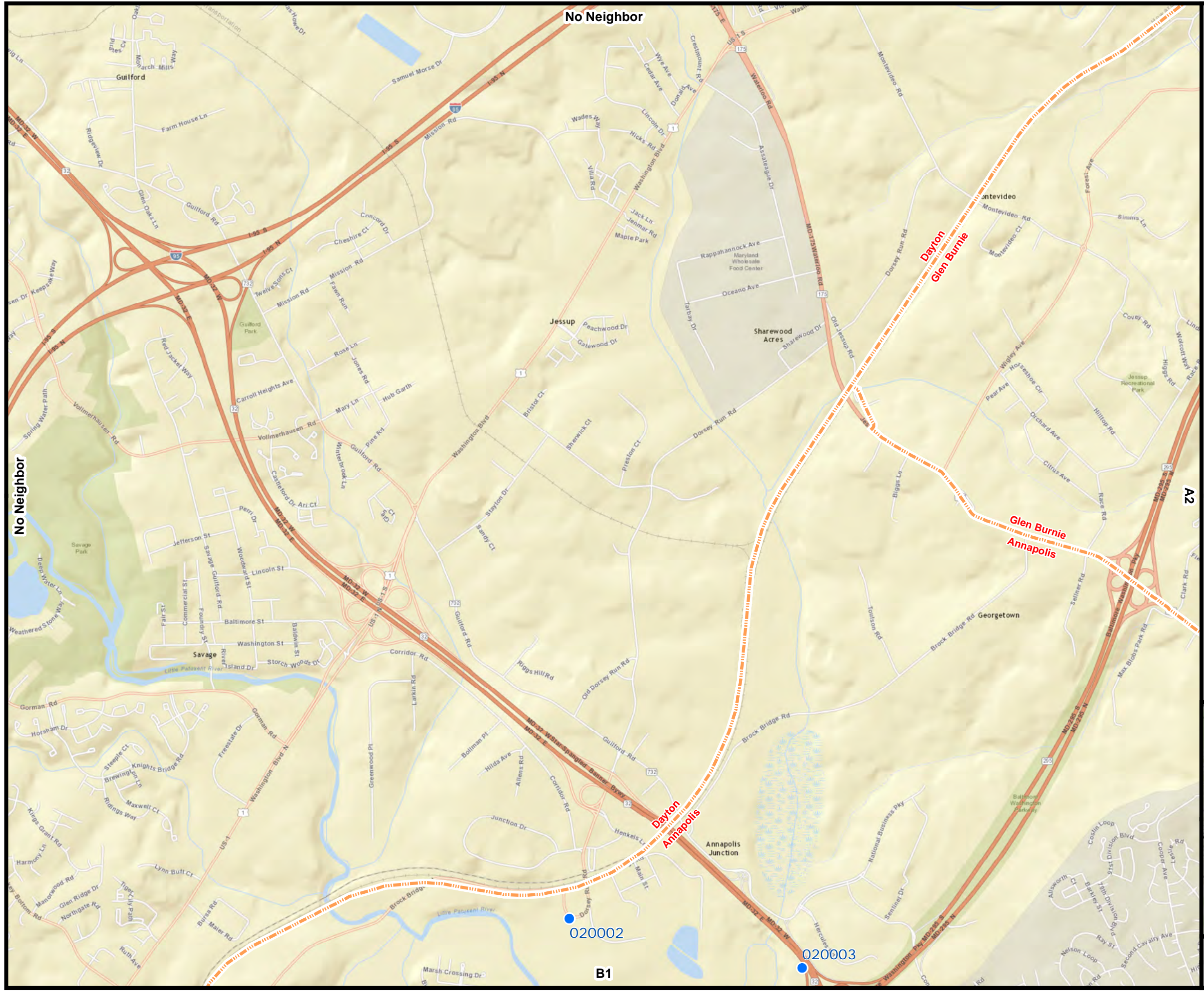


1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



Esri Streets Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility Tile Map B1

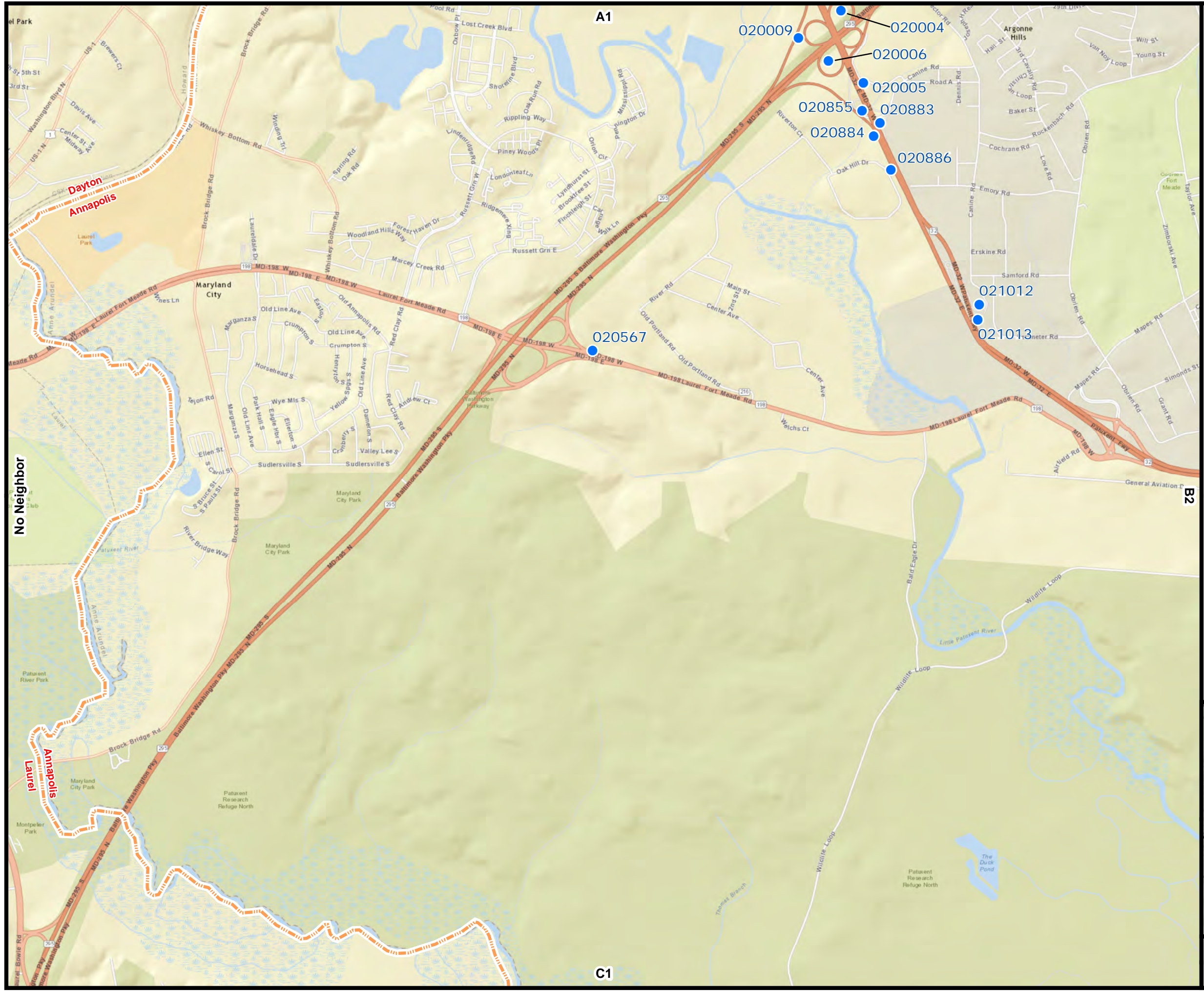
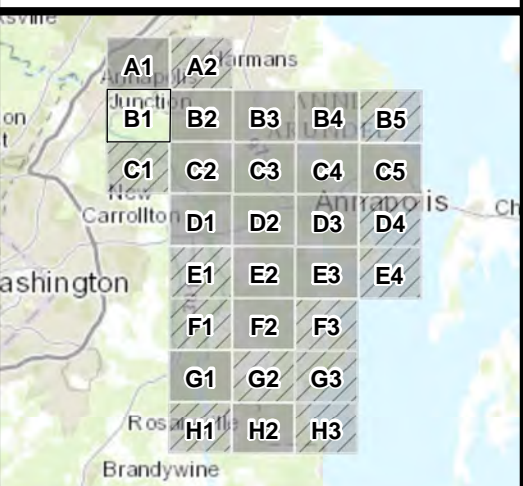
Annapolis

No. SWM Facilities: 11



1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



SHA SWM Facility
Tile Map B2

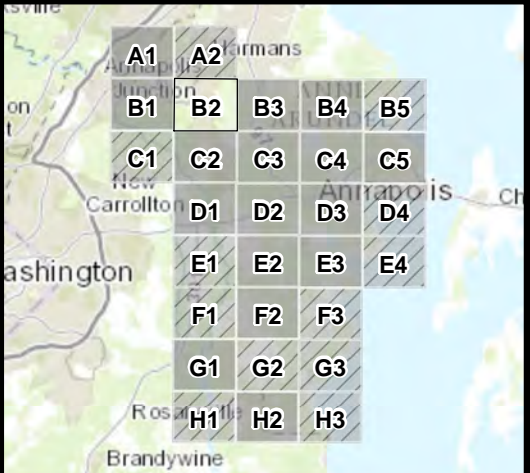
Annapolis

No. SWM Facilities: 39



1 inch = 2,000 feet



- SWM Facility Location
- Shop Boundary

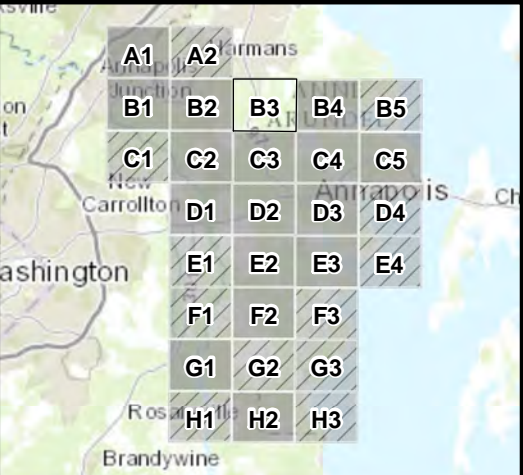


SHA SWM Facility
Tile Map B3
Annapolis
No. SWM Facilities: 27

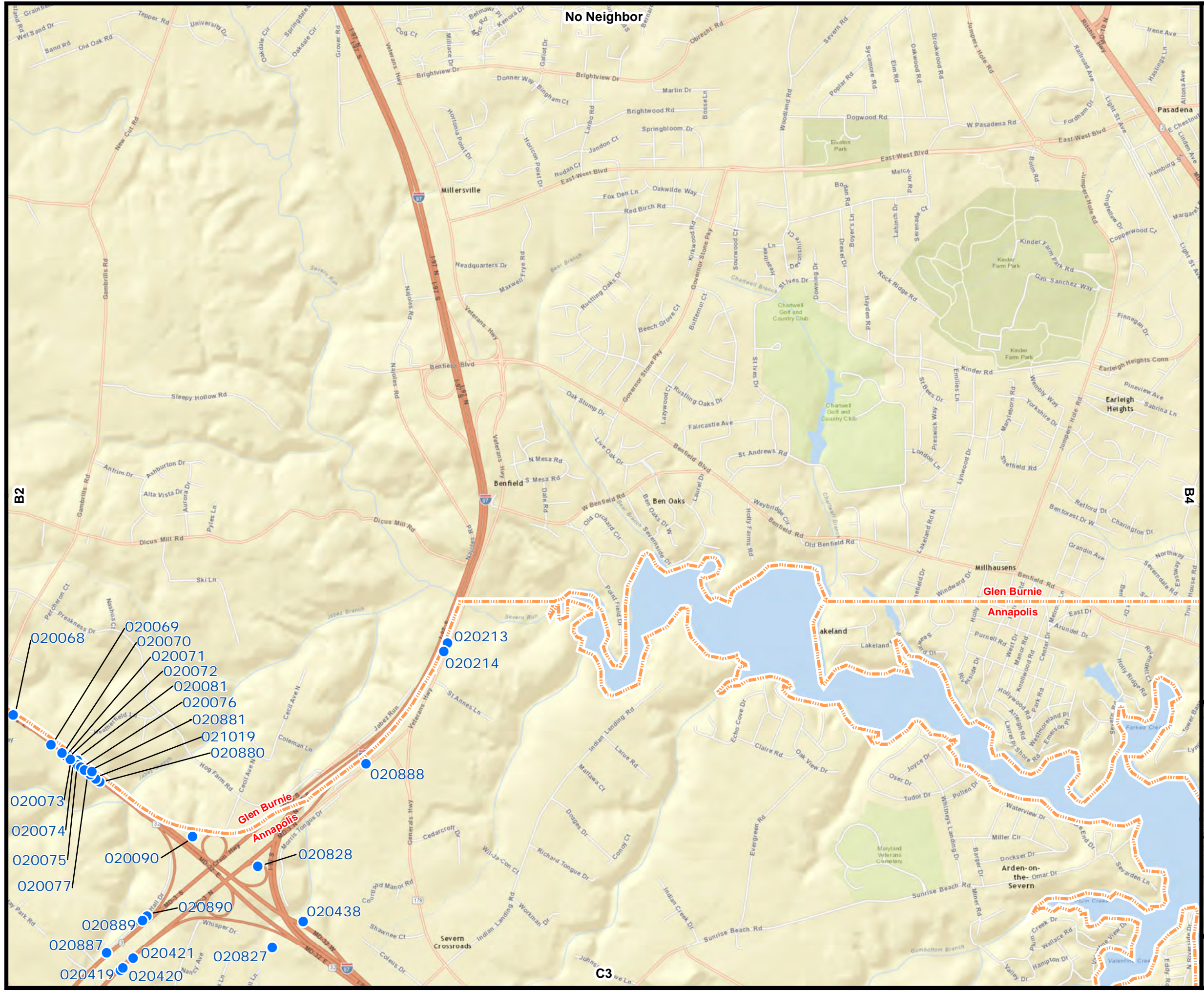


1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



Esri Streets Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility
Tile Map B4

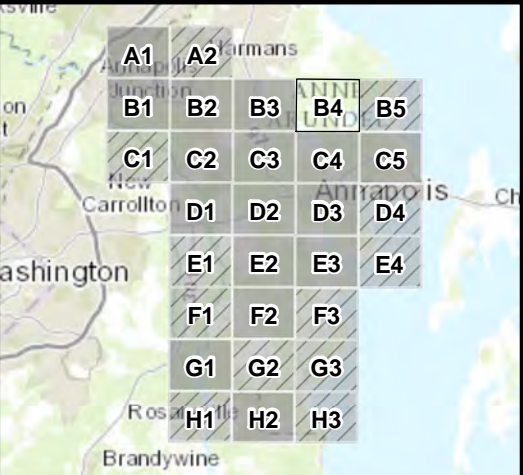
Annapolis

No. SWM Facilities: 7

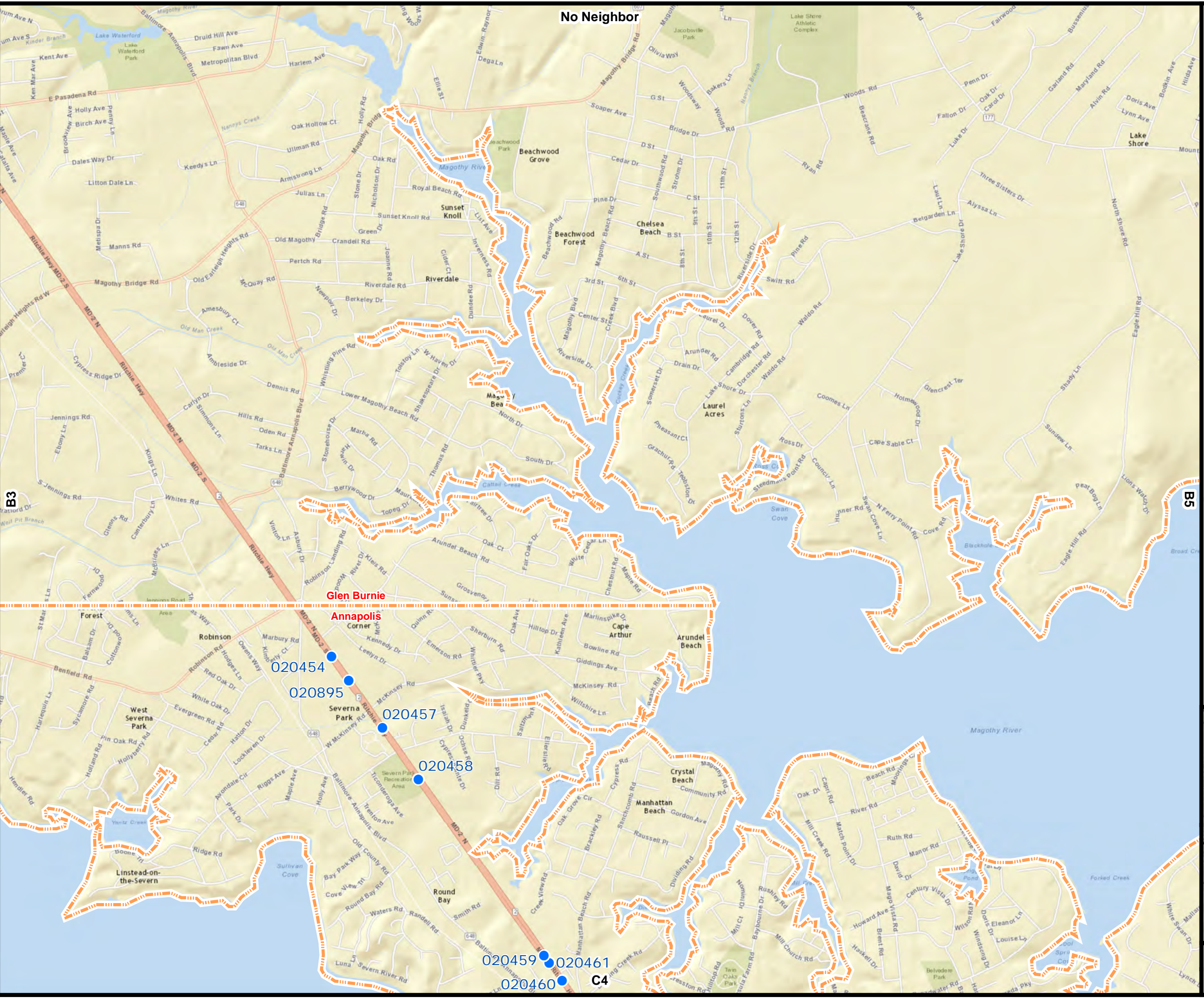


1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



Esri Streets Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility
Tile Map C2

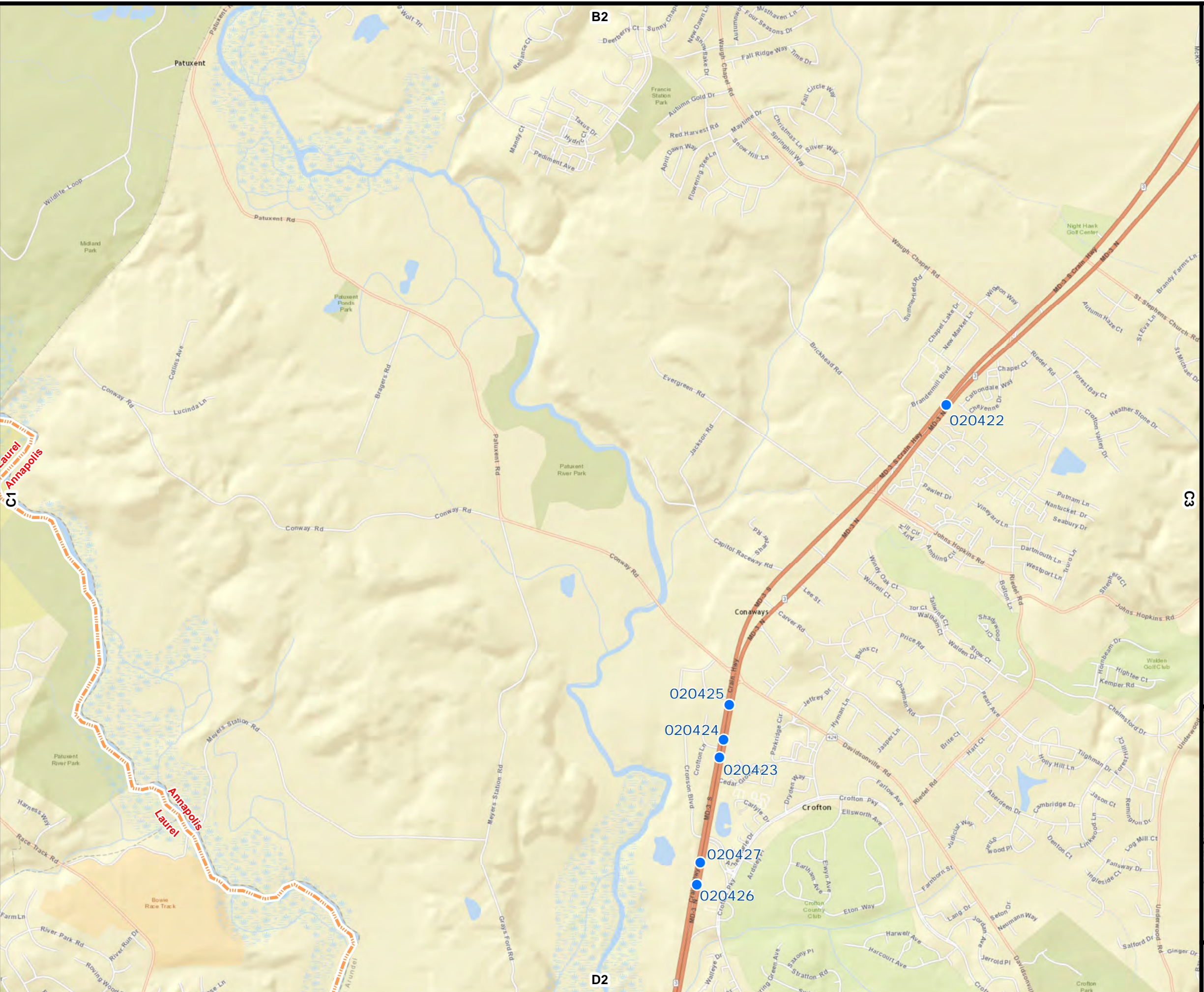
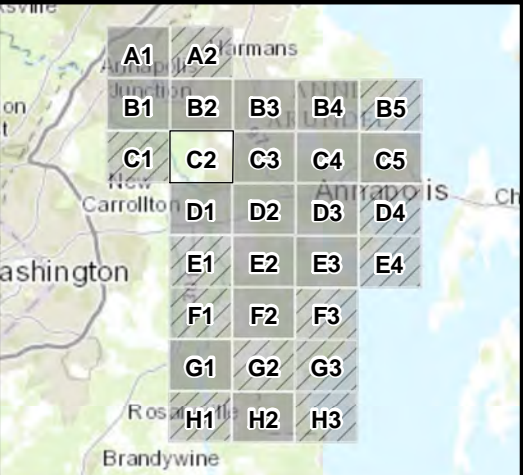
Annapolis

No. SWM Facilities: 6



1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary





SHA SWM Facility Tile Map C3

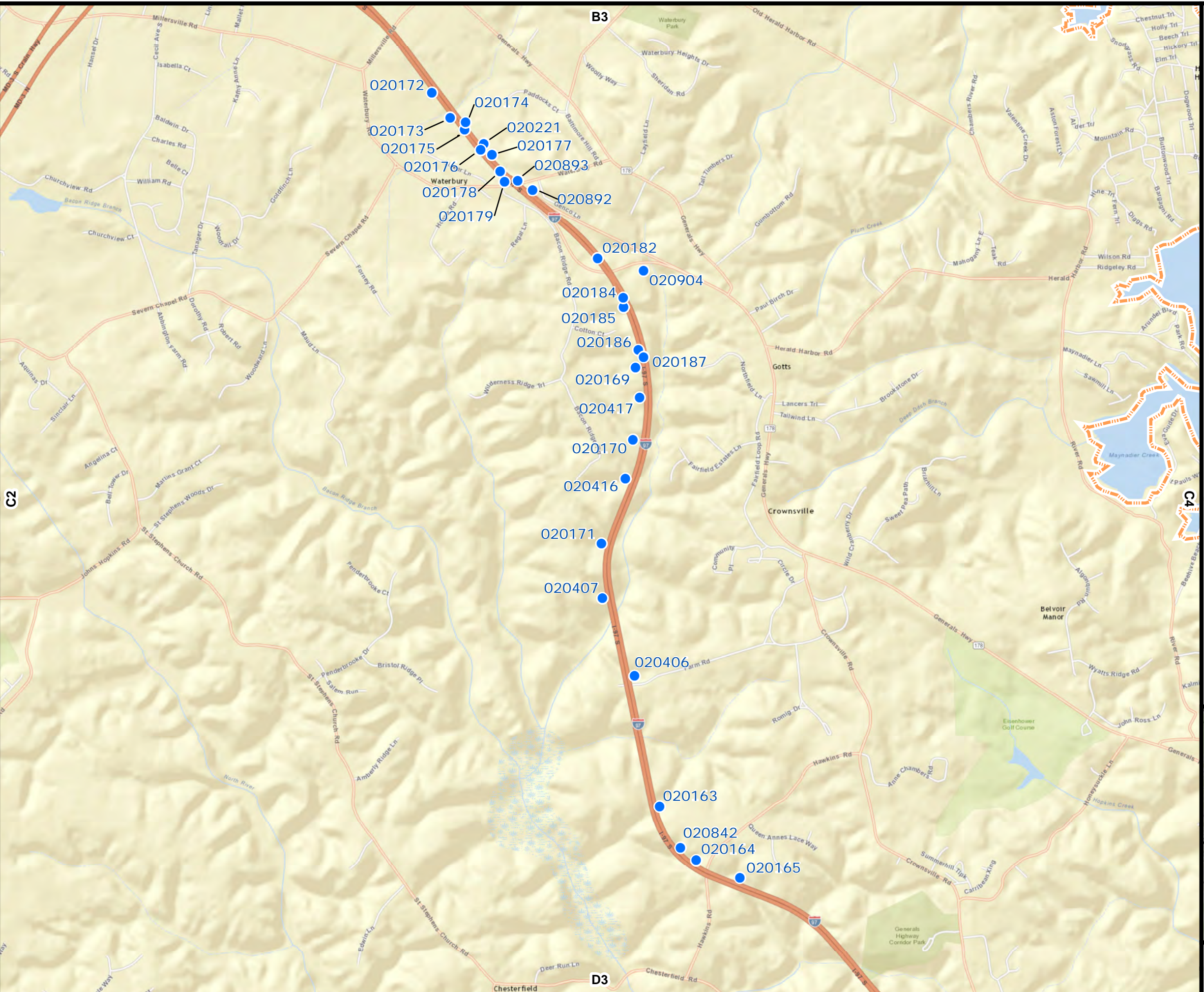
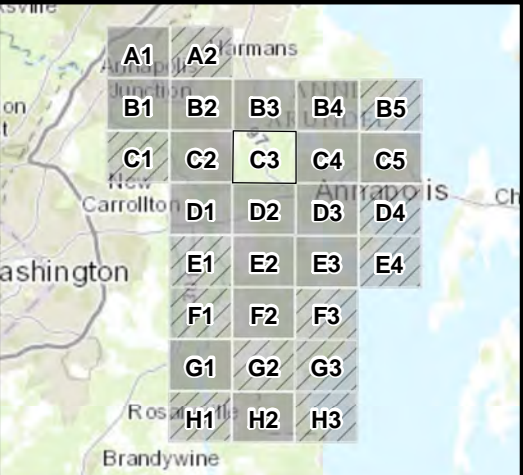
Annapolis

No. SWM Facilities: 28



1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary





SHA SWM Facility Tile Map C4

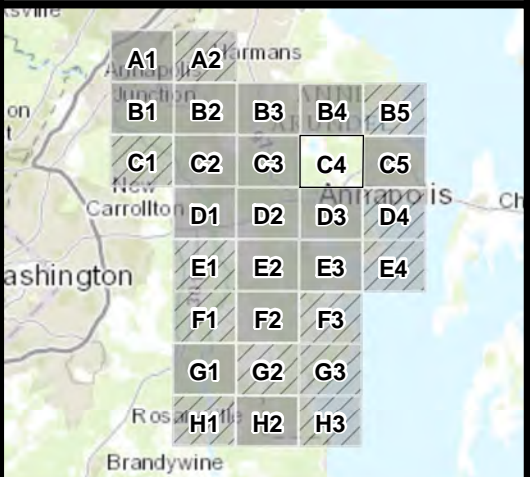
Annapolis

No. SWM Facilities: 14

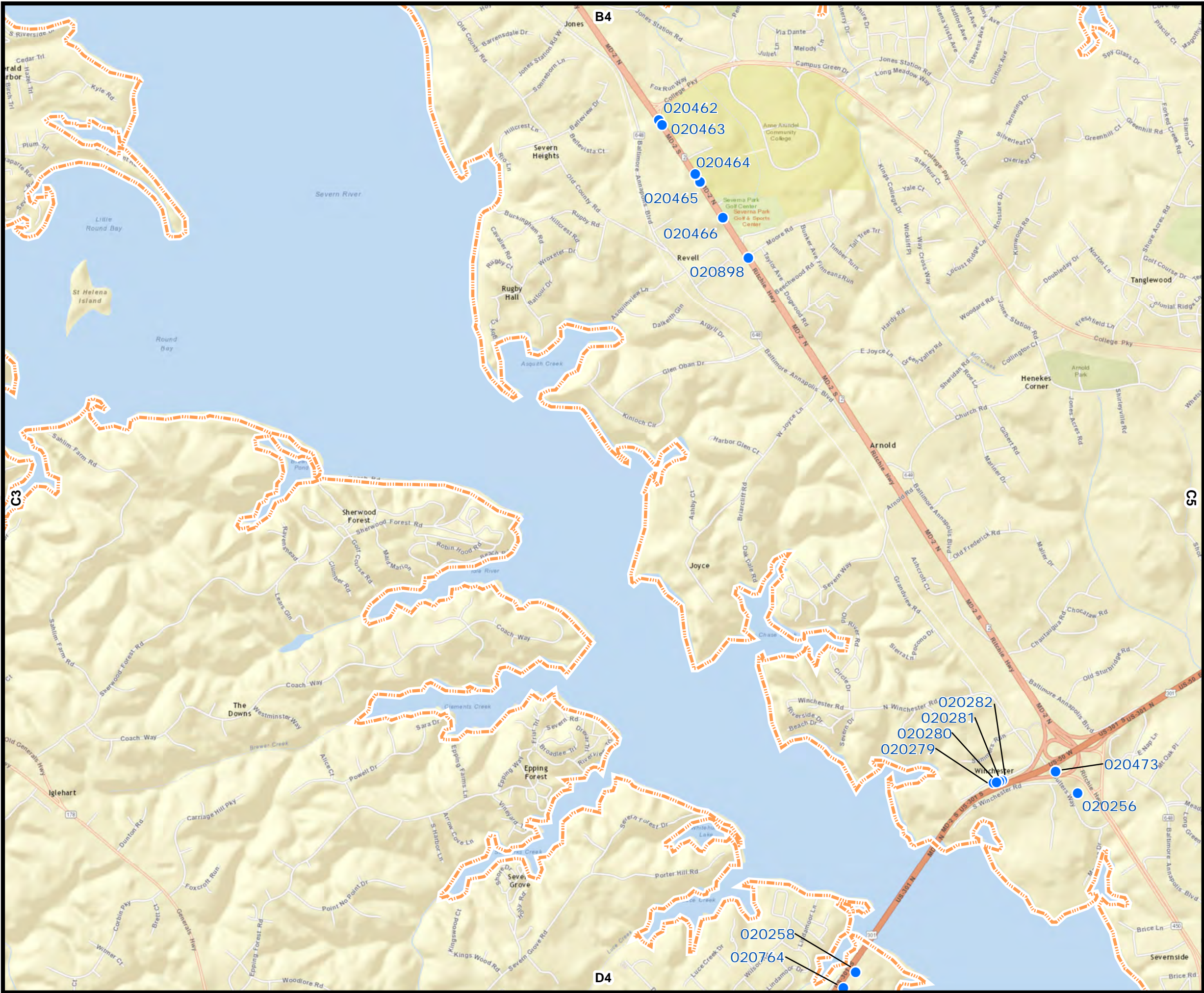


1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



Esri Streets Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility
Tile Map C5

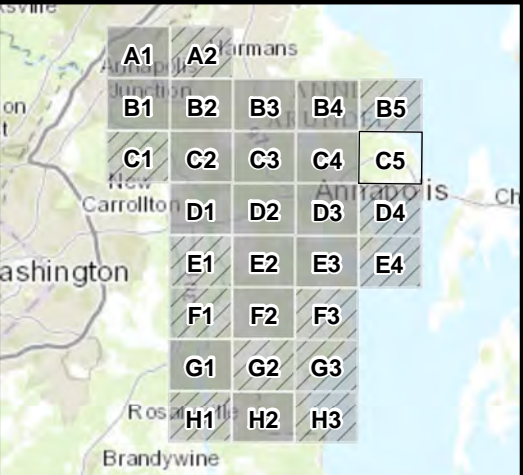
Annapolis

No. SWM Facilities: 8

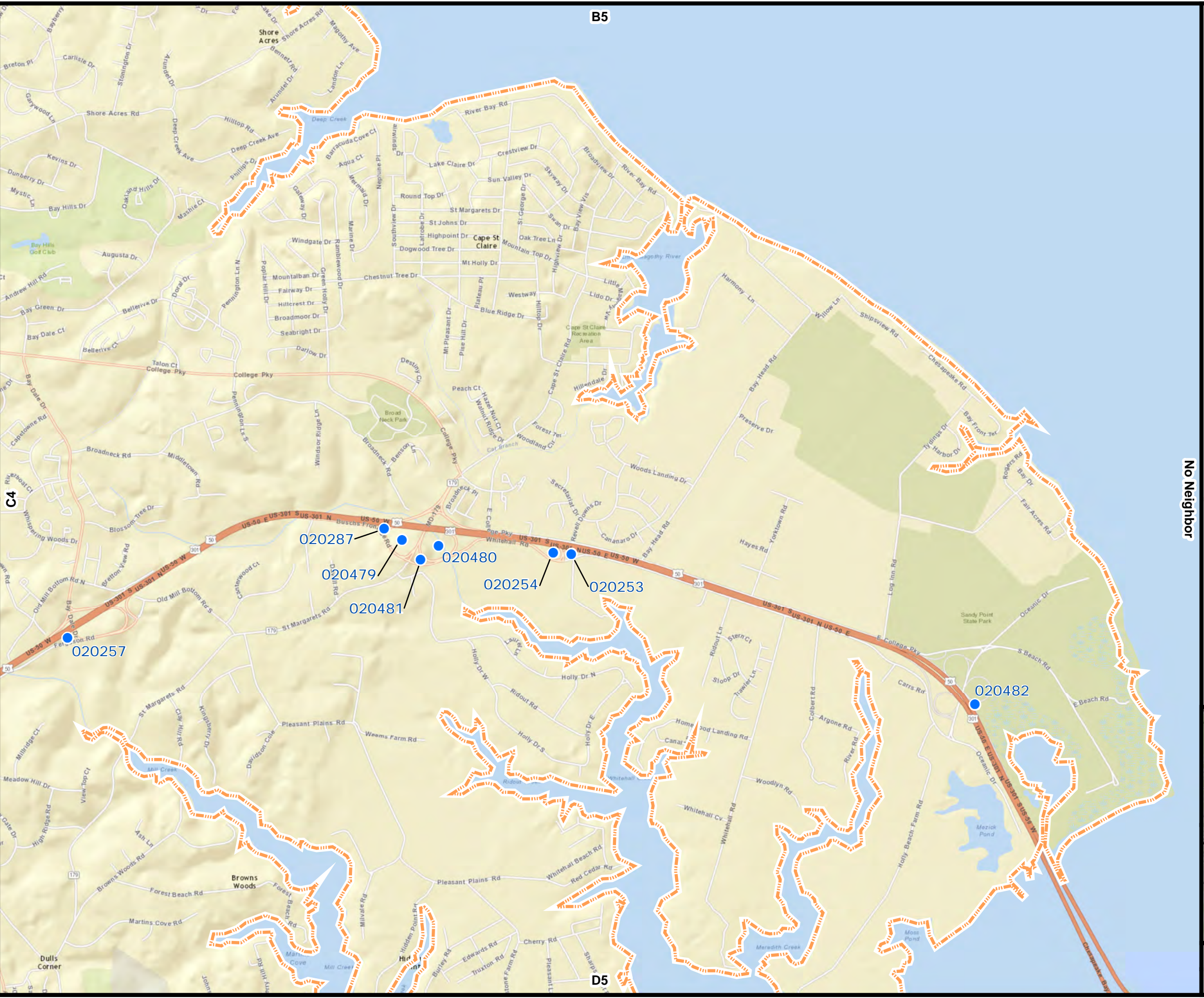


1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



Esri Streets Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility
Tile Map D1

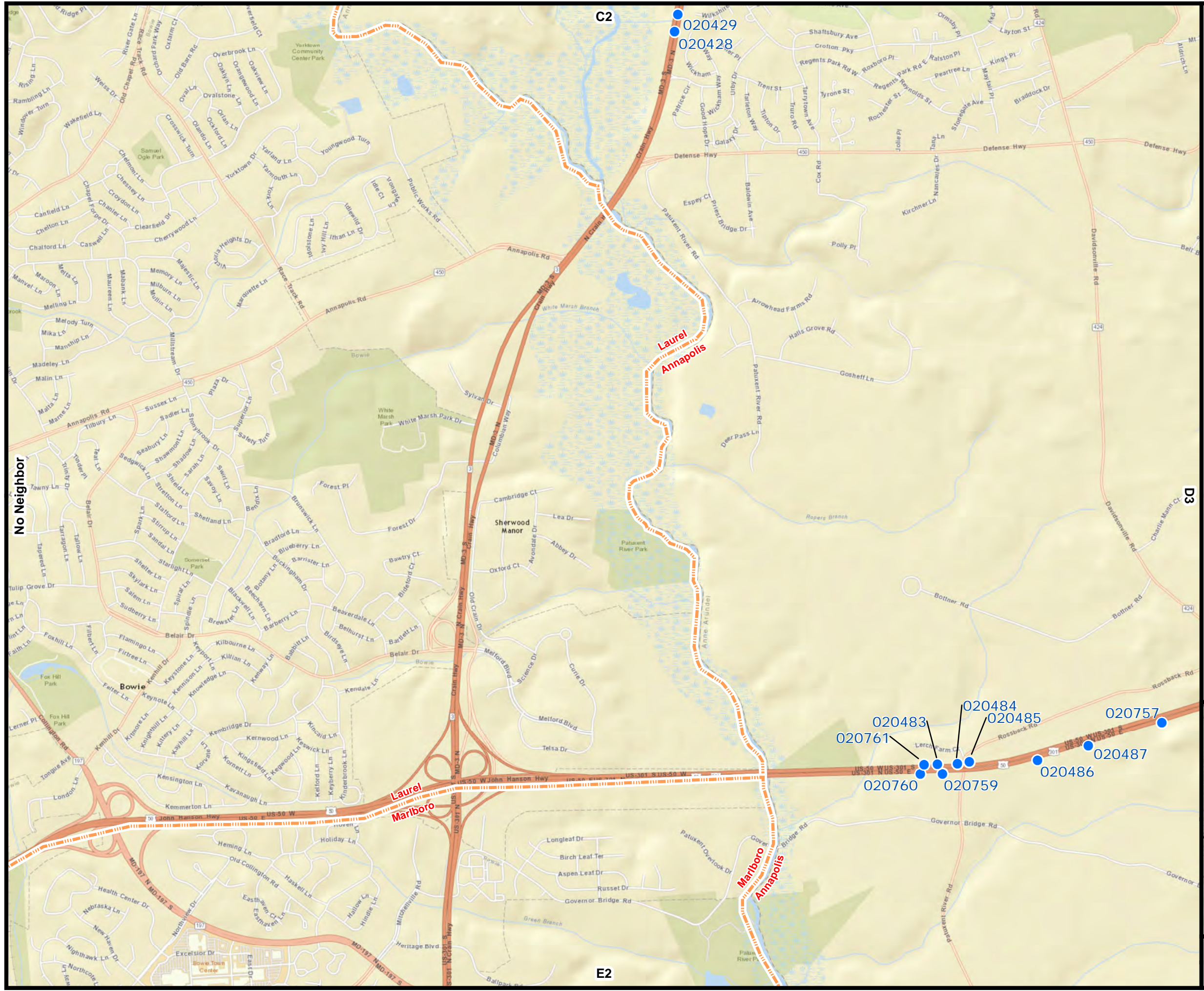
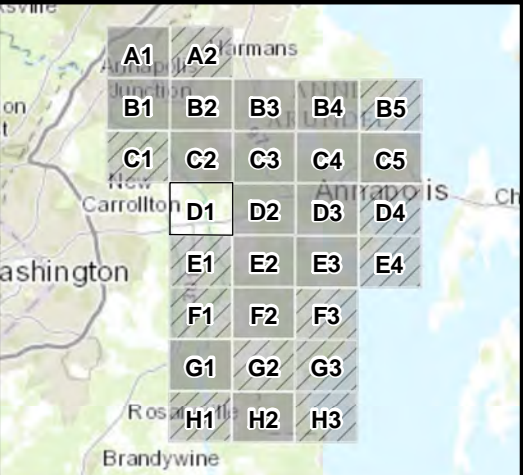
Annapolis

No. SWM Facilities: 11



1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary





SHA SWM Facility Tile Map D2

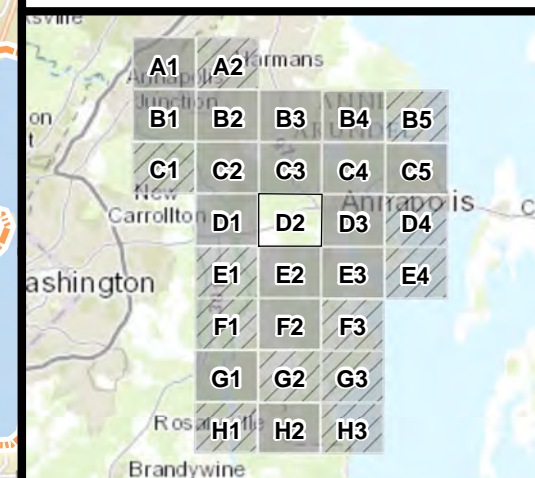
Annapolis

No. SWM Facilities: 45

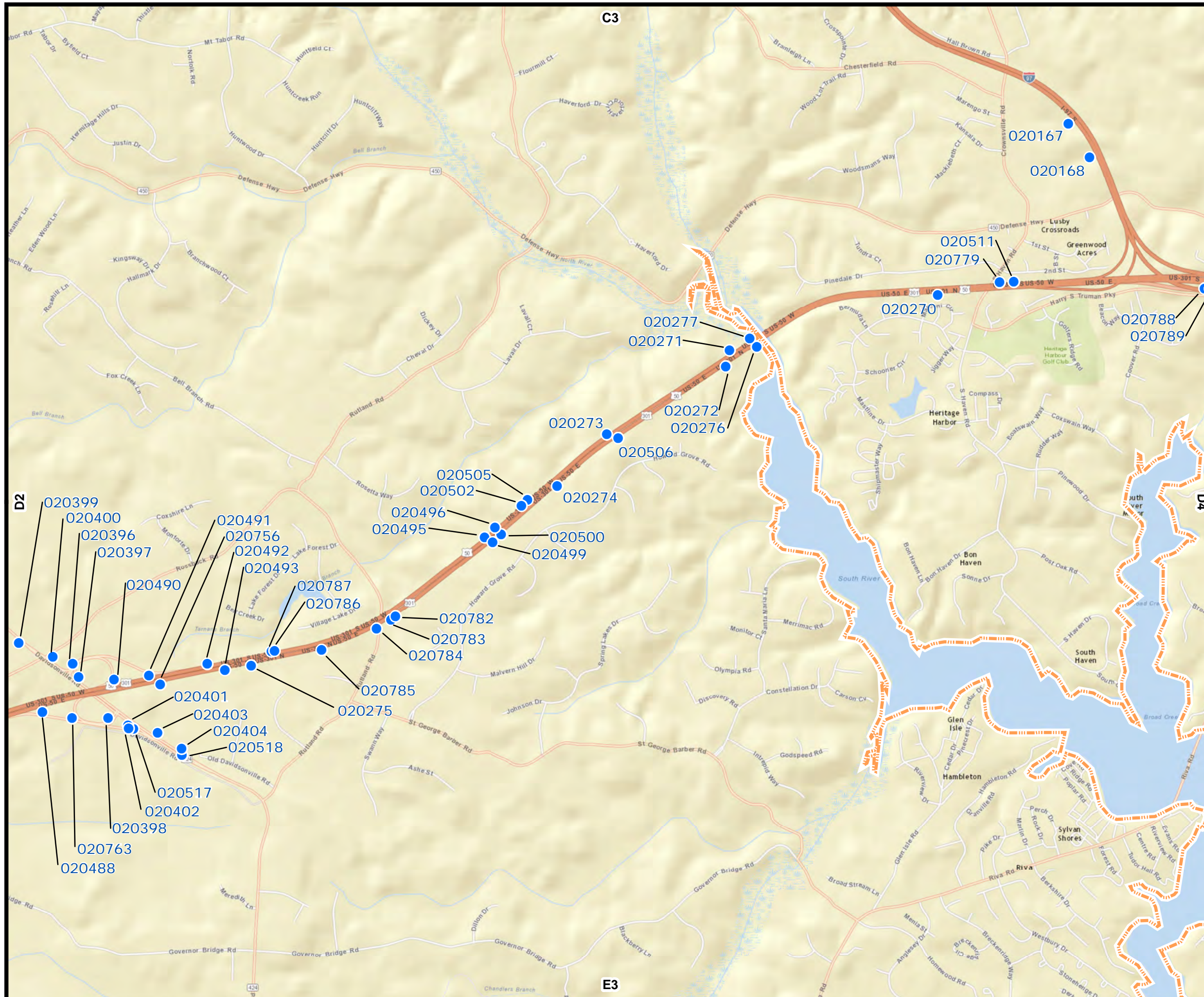


1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



Esri Streets Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility Tile Map D3

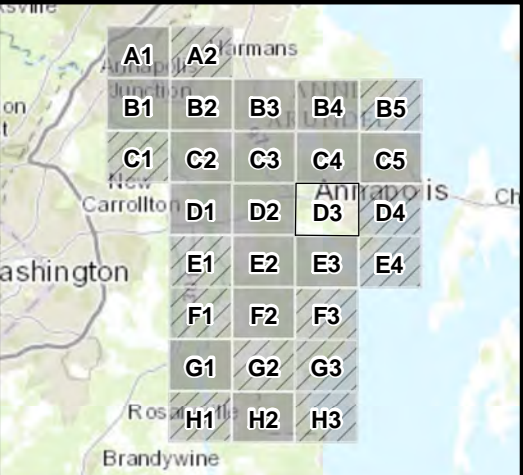
Annapolis

No. SWM Facilities: 55



1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



SHA SWM Facility Tile Map E2

Annapolis

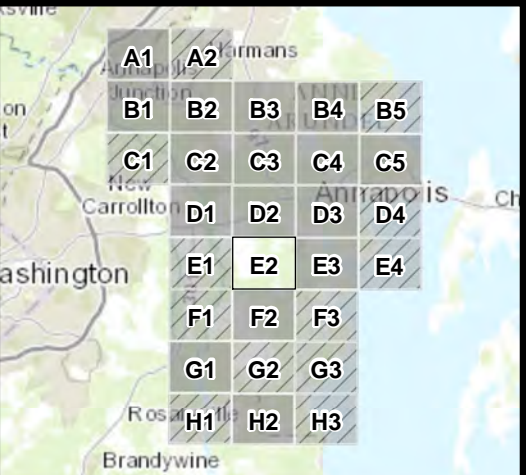
No. SWM Facilities: 1



1 inch = 2,000 feet

● SWM Facility Location

Shop Boundary





SHA SWM Facility Tile Map E3

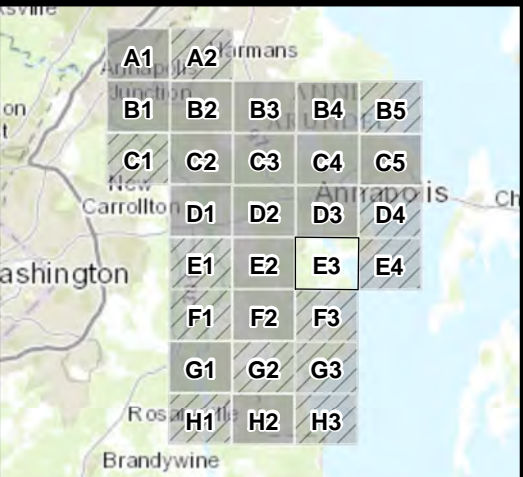
Annapolis

No. SWM Facilities: 5



1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary





SHA SWM Facility
Tile Map F2

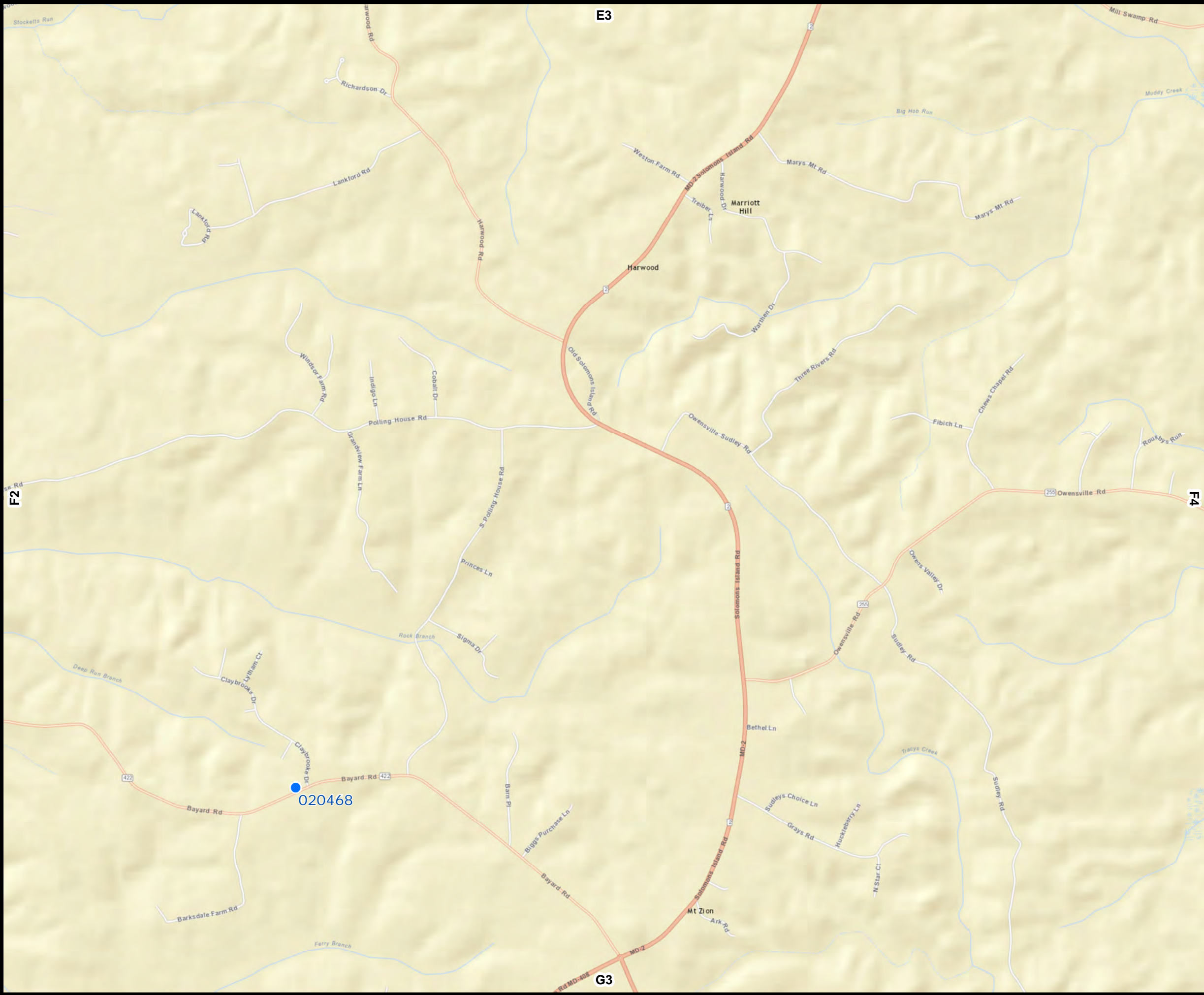
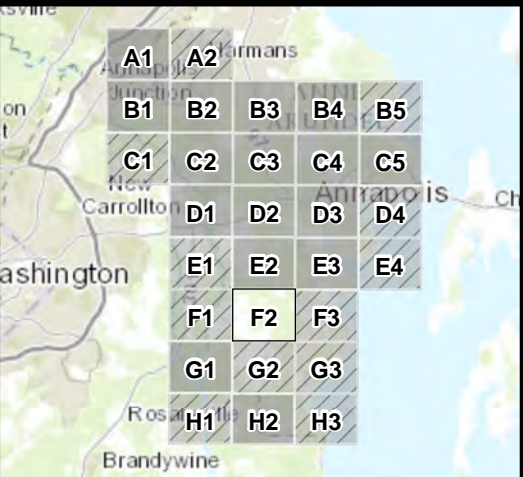
Annapolis

No. SWM Facilities: 1



1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary



SHA SWM Facility Tile Map G1

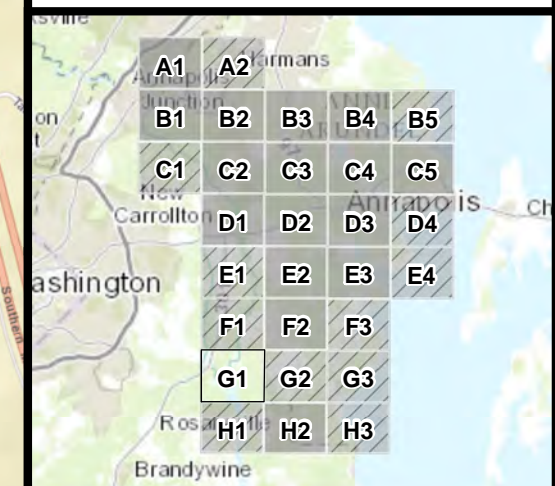
Annapolis

No. SWM Facilities: 63

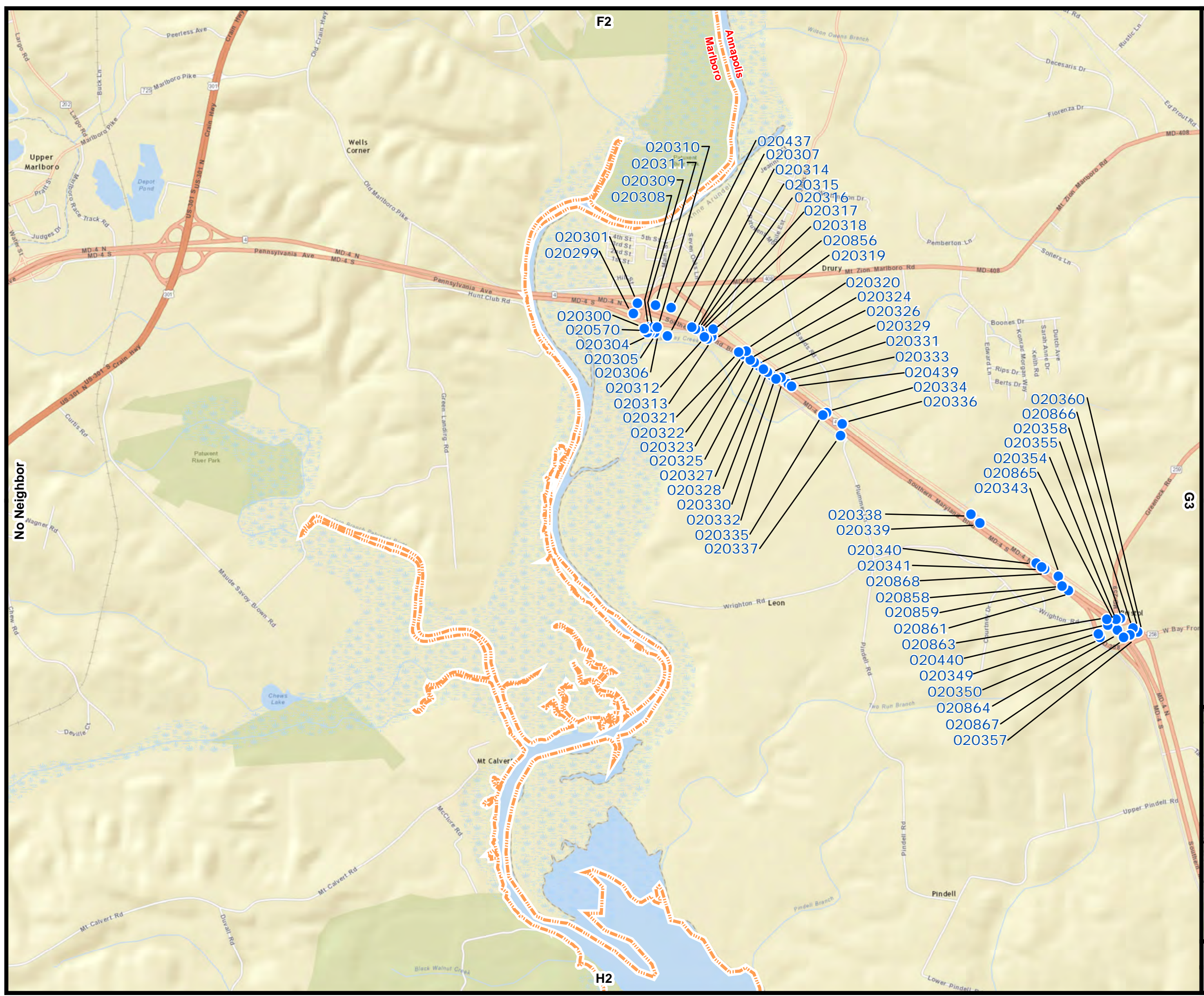


1 inch = 2,000 feet

- SWM Facility Location
- Shop Boundary



Esri Streets Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility
Tile Map H2

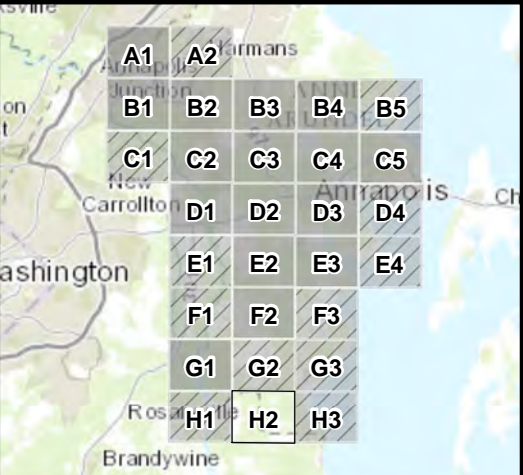
Annapolis

No. SWM Facilities: 3

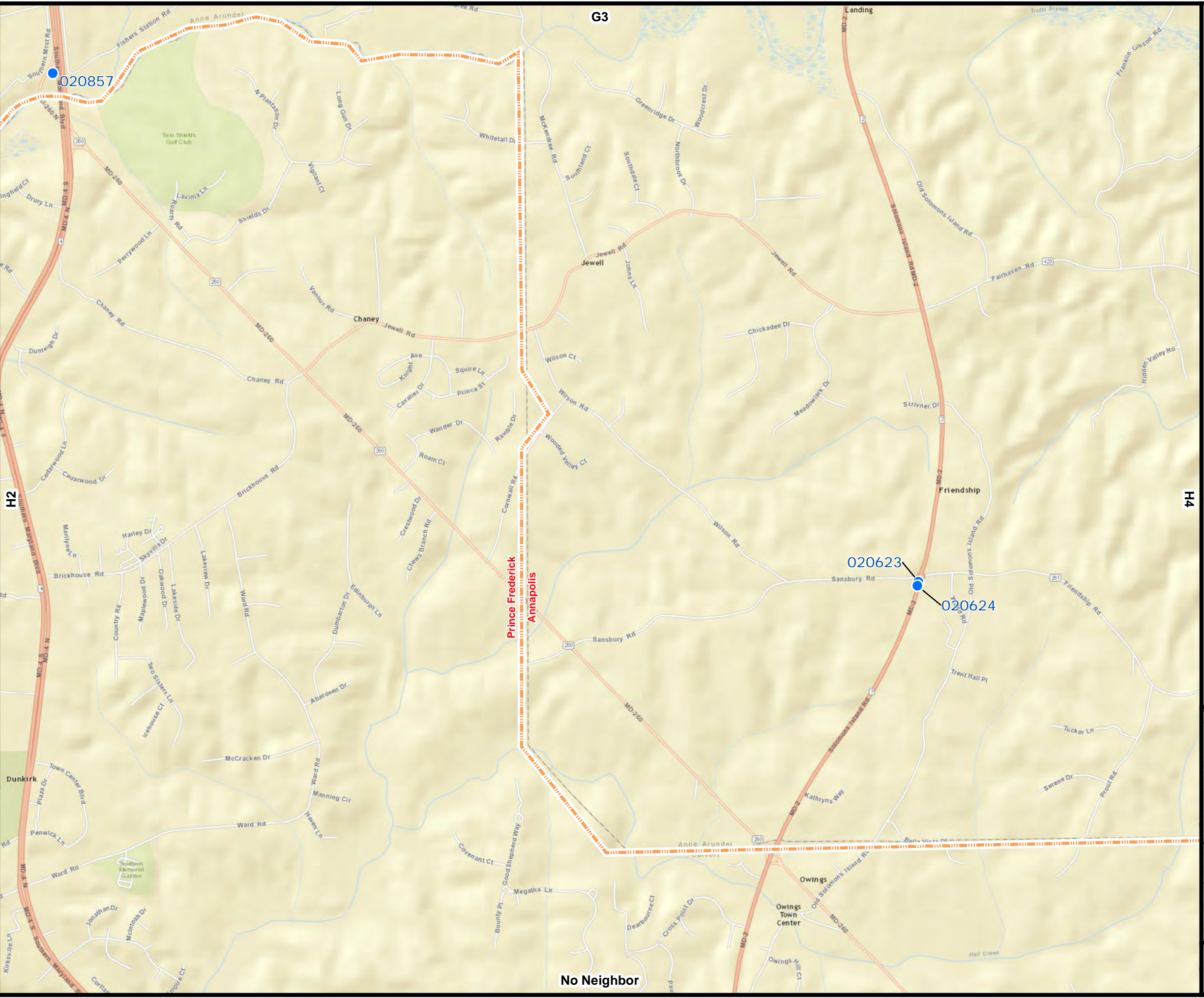


1 inch = 2,000 feet

-  SWM Facility Location
-  Shop Boundary

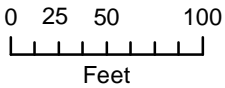


Esri Streets Basemap; Accessed 2015
Maps Prepared May, 2015





SHA SWM Facility
020002
Infiltration basin



1 inch = 100 feet

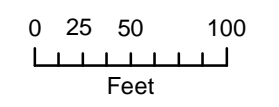


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020003

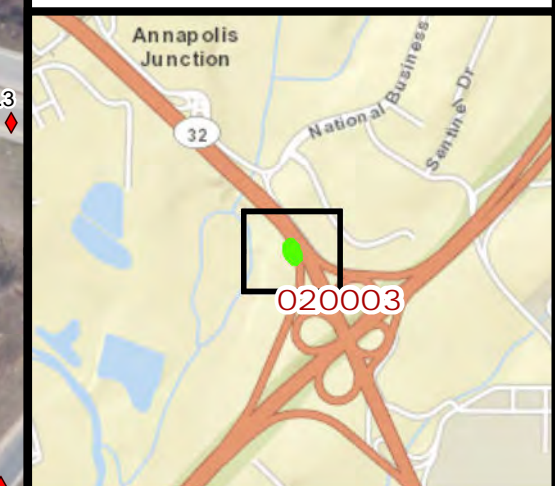
Infiltration basin



1 inch = 100 feet



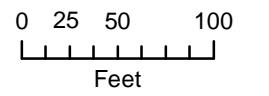
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



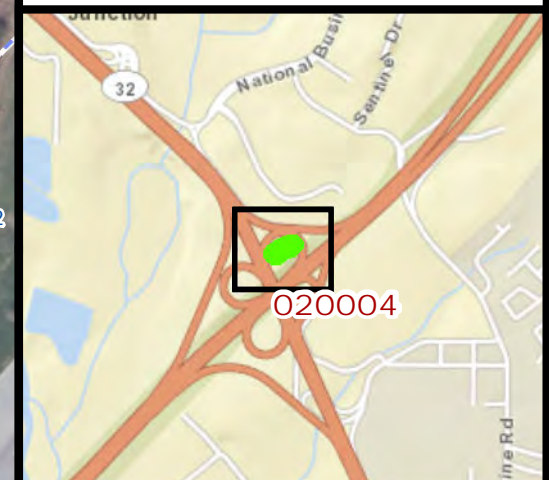
SHA SWM Facility 020004 Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



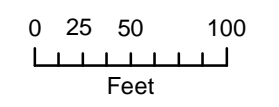
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020005

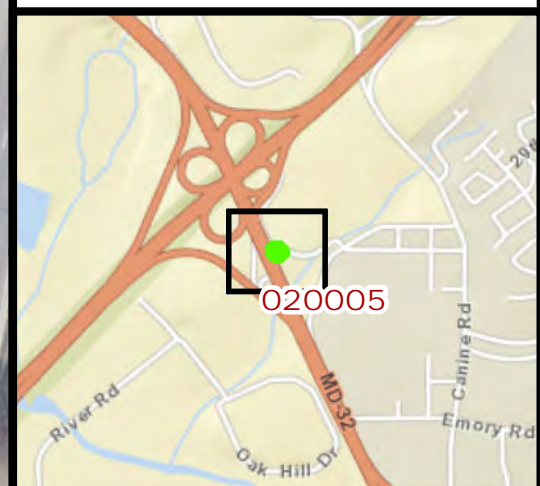
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

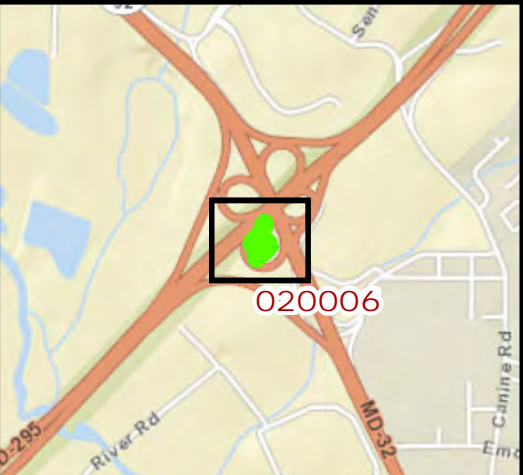
SHA SWM Facility
020006
Wet pond



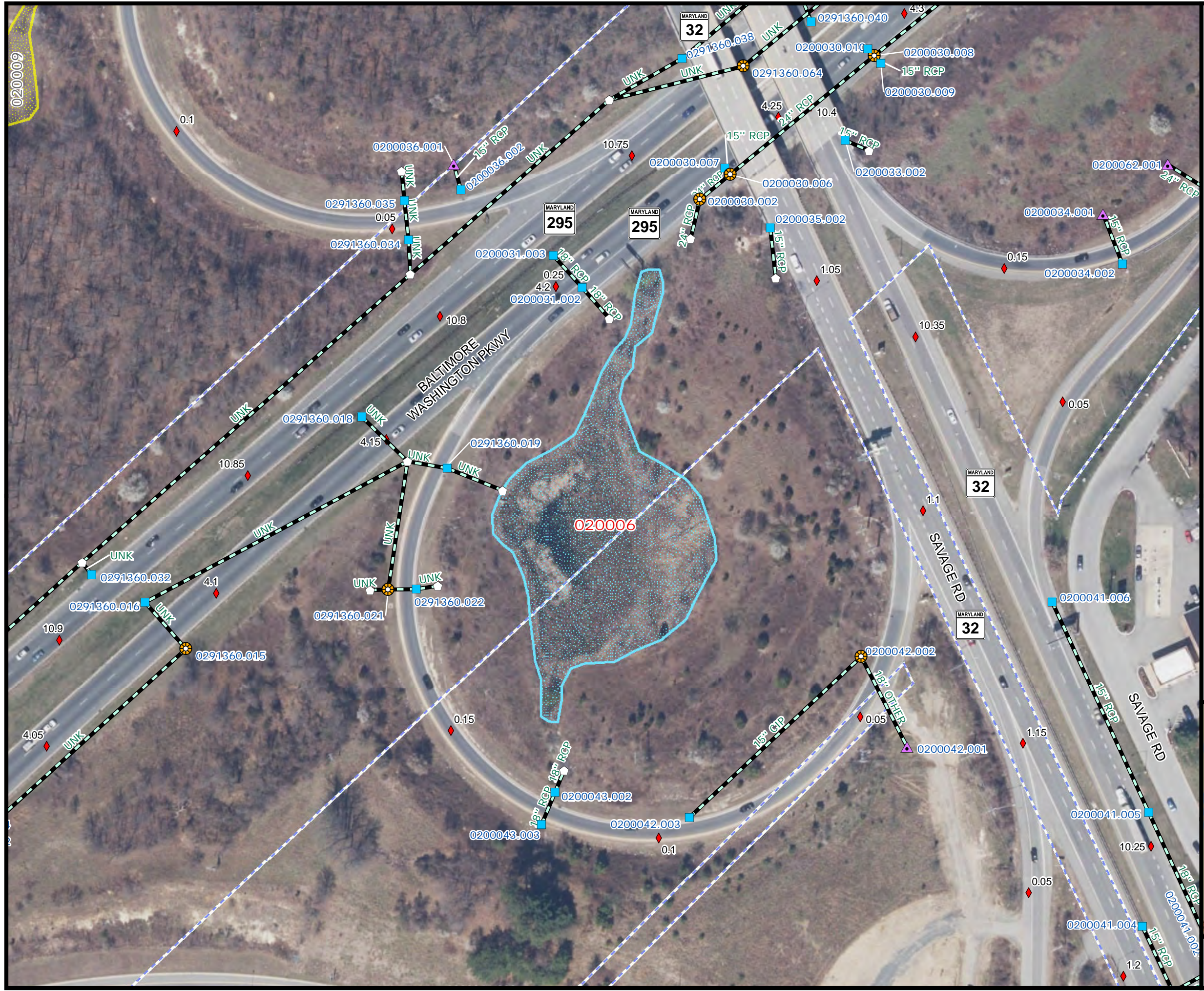
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020009

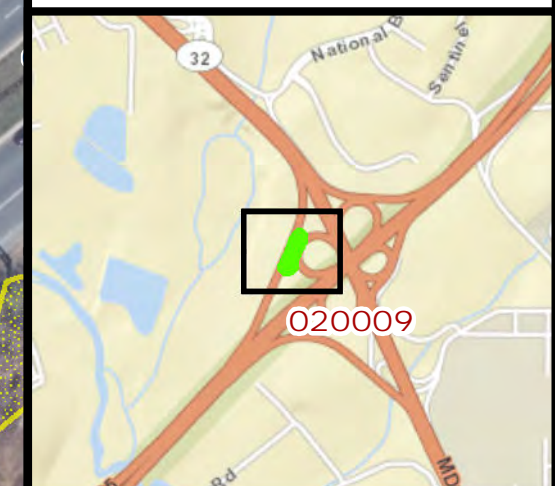
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



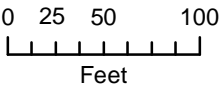
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020011

Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



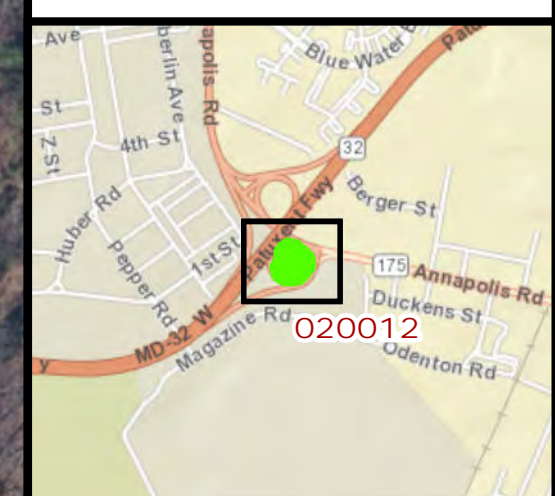
SHA SWM Facility 020012 Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



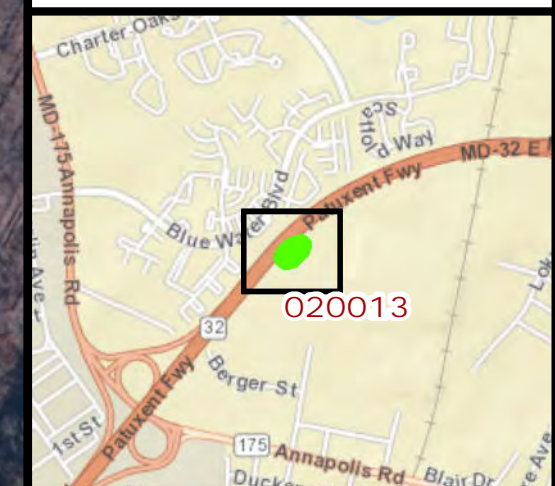
SHA SWM Facility 020013 Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020015

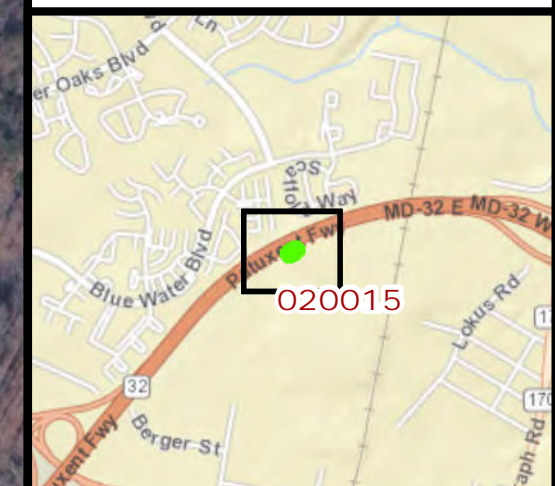
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



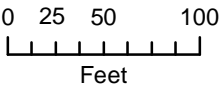
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020019

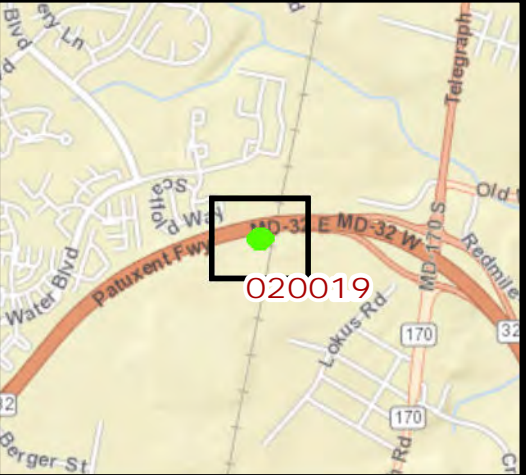
Micropool extended
detention pond



1 inch = 100 feet

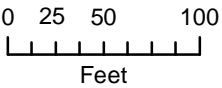


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020020

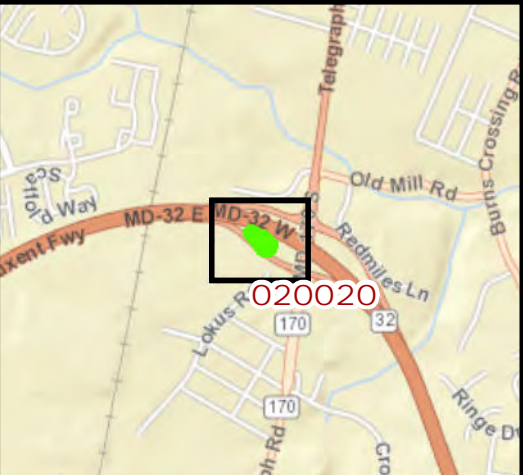
Wet extended detention
pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



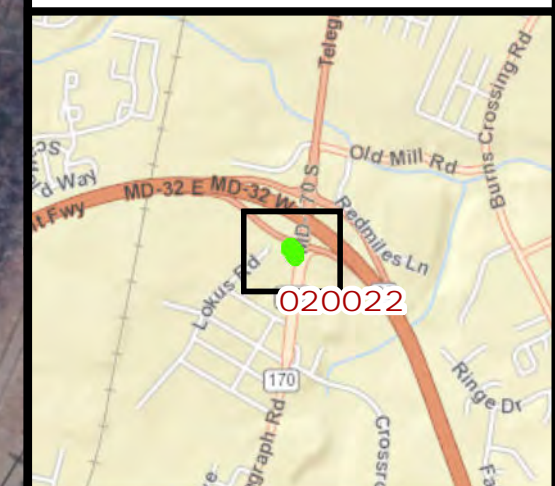
SHA SWM Facility 020022 Pocket pond



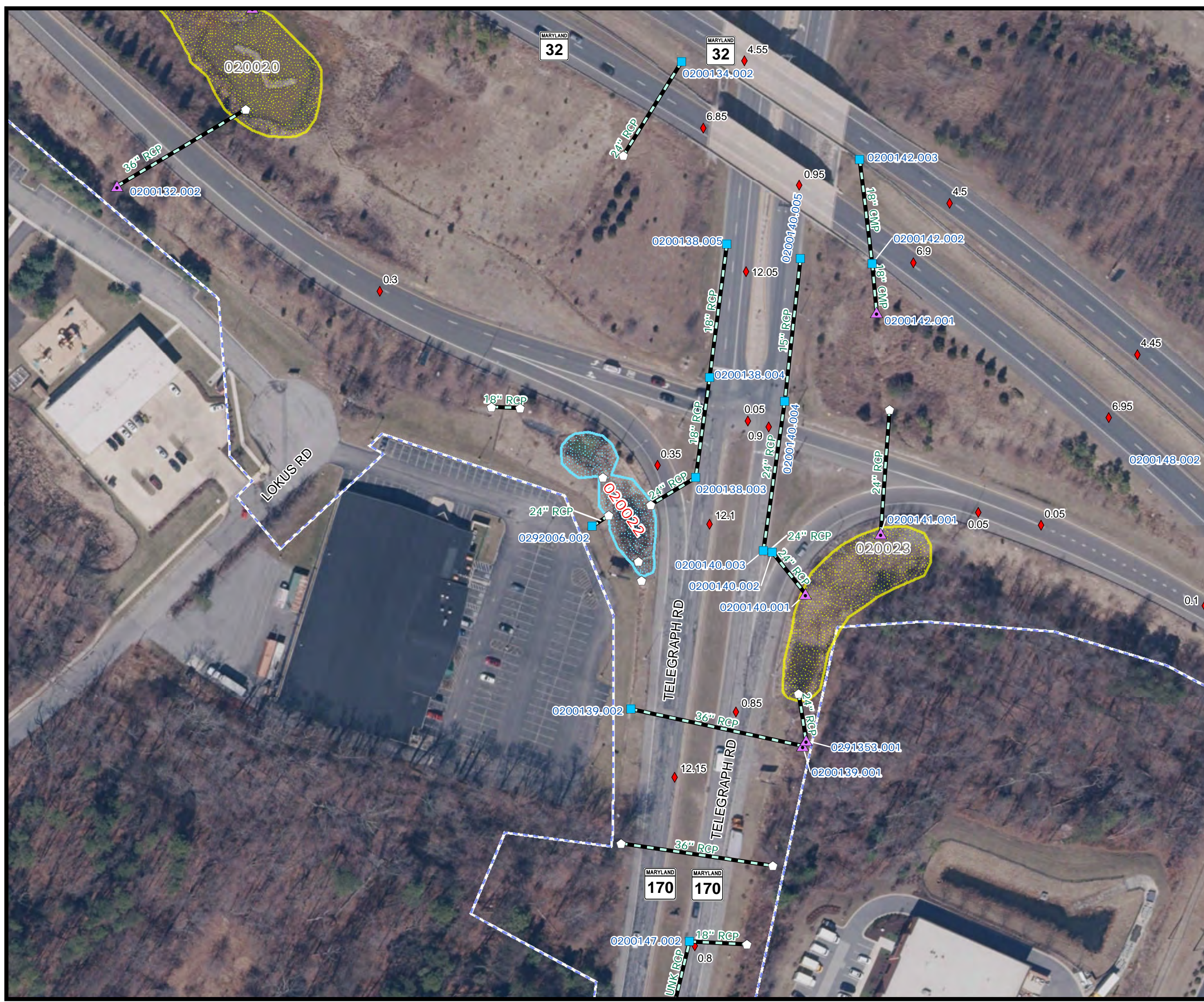
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

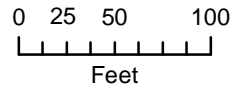


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





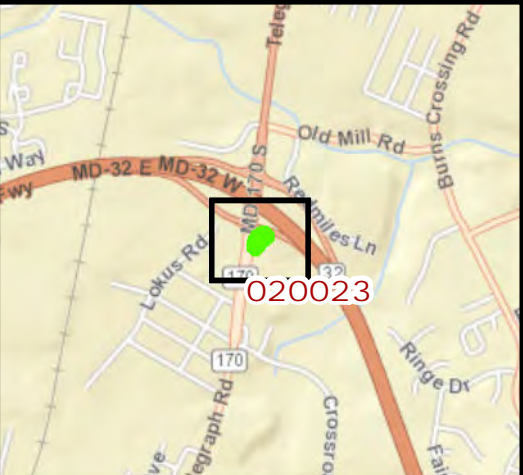
SHA SWM Facility
020023
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility 020027

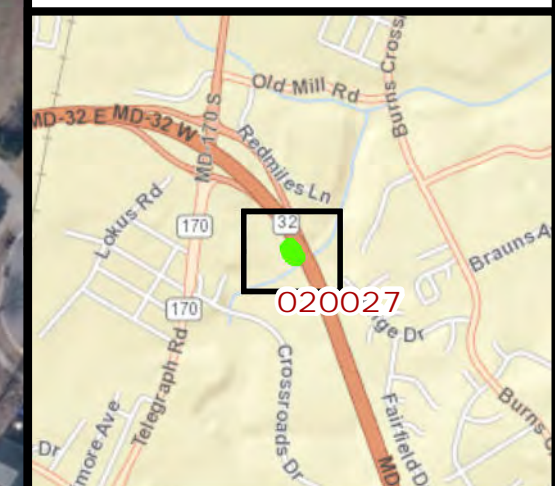
Pocket wetland



1 inch = 100 feet

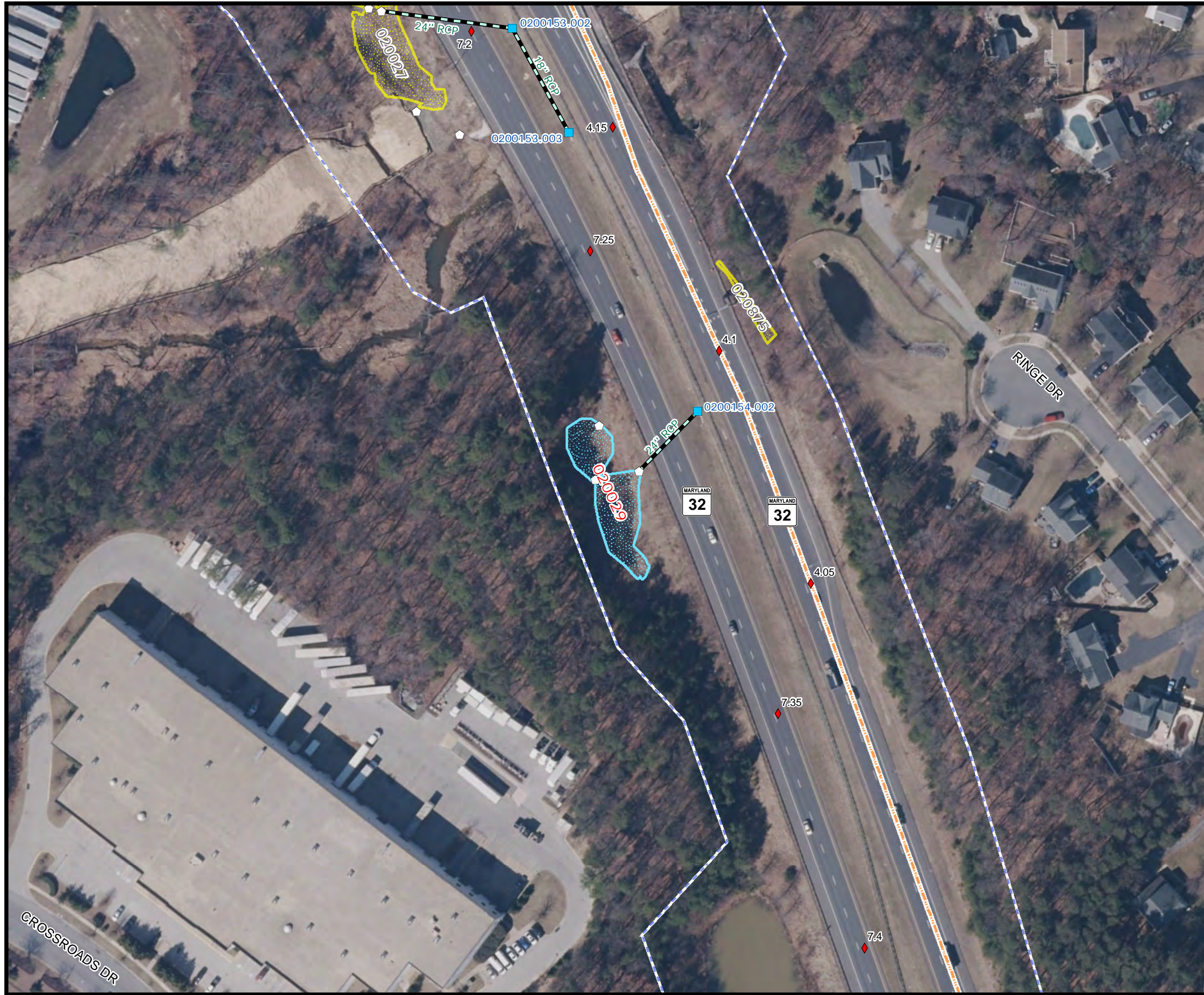


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

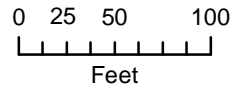


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





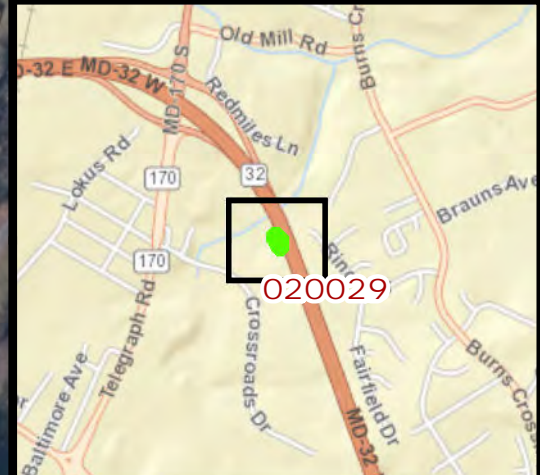
SHA SWM Facility
020029
Pocket pond



1 inch = 100 feet

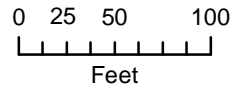


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





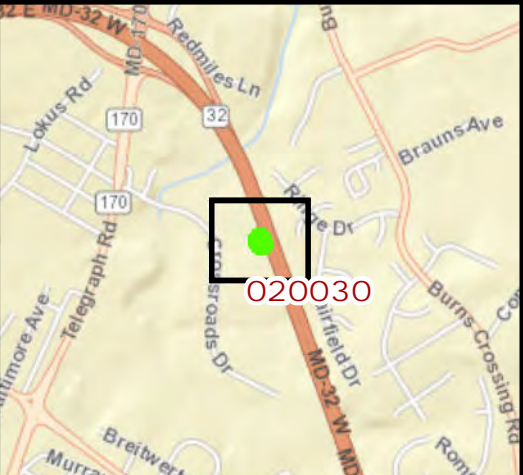
SHA SWM Facility
020030
Dry pond



1 inch = 100 feet

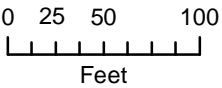


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020031

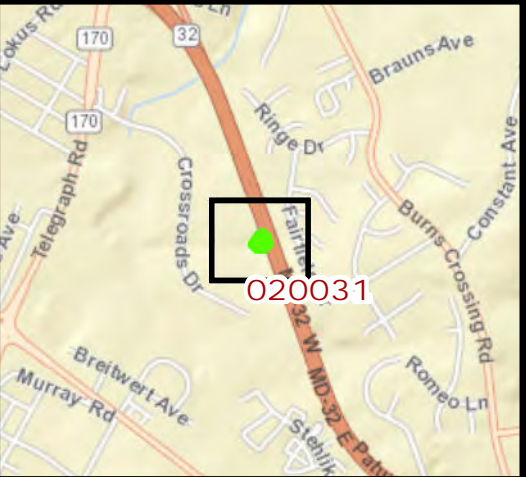
Micropool extended
detention pond



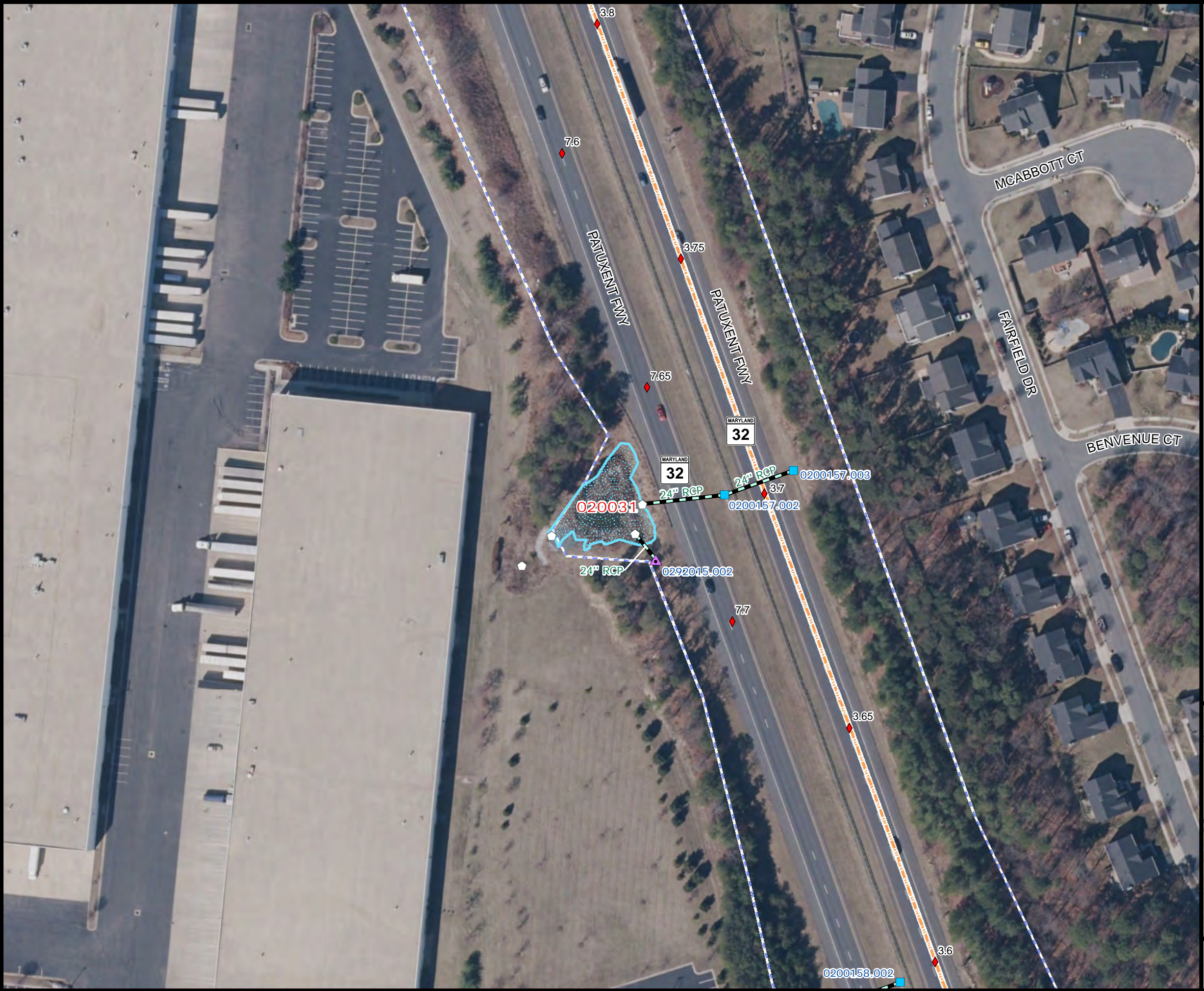
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020032

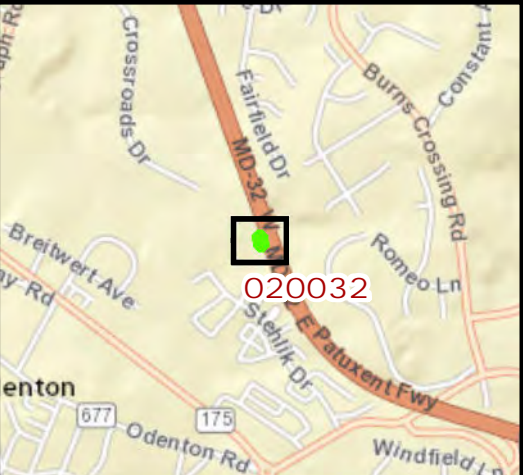
Infiltration trench



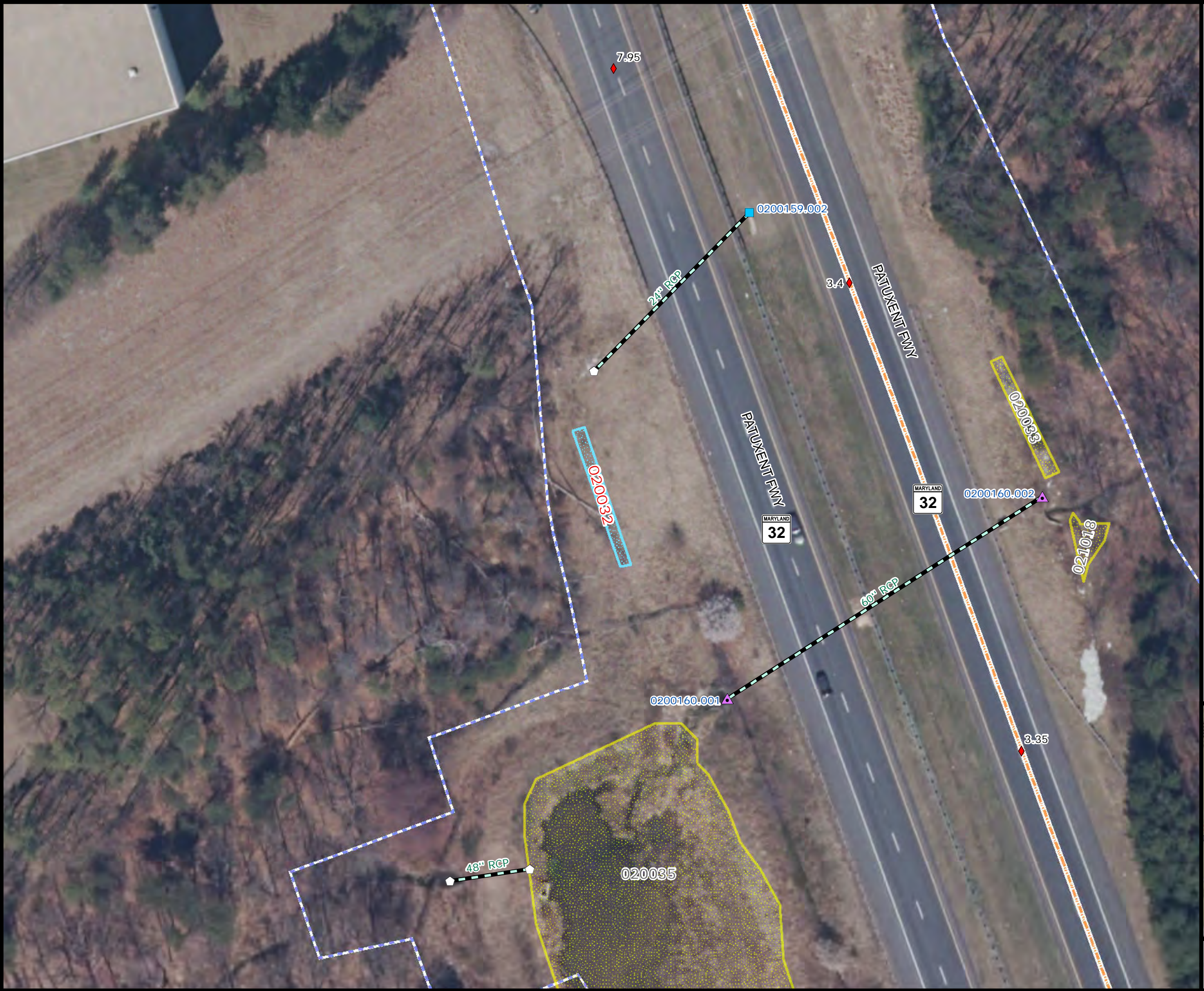
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020035

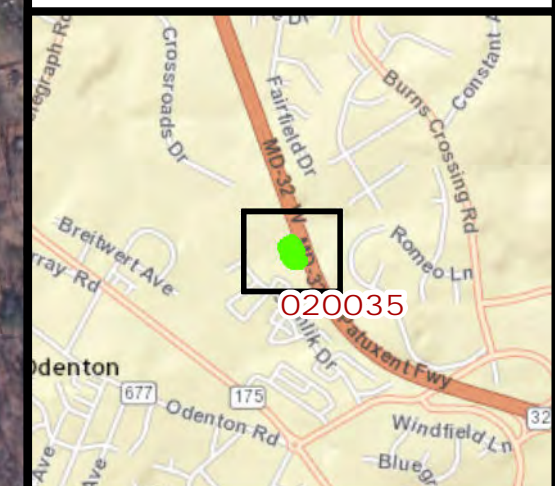
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



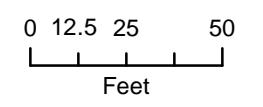
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020036

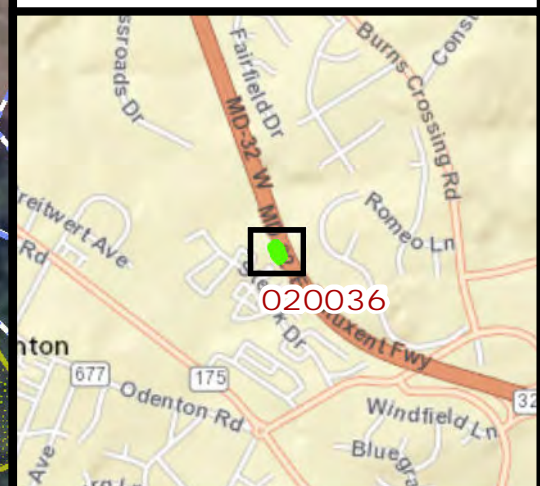
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

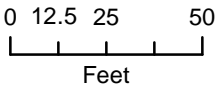


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020038

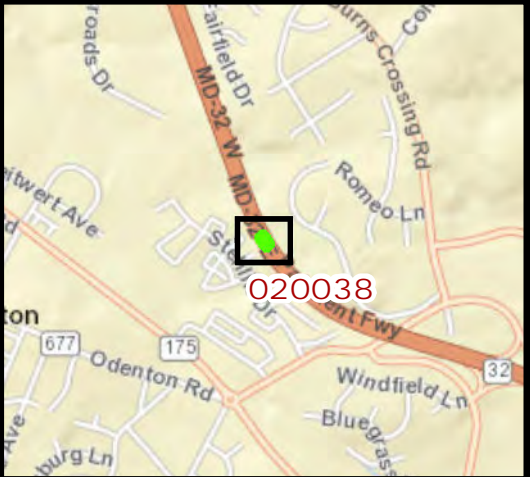
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020039

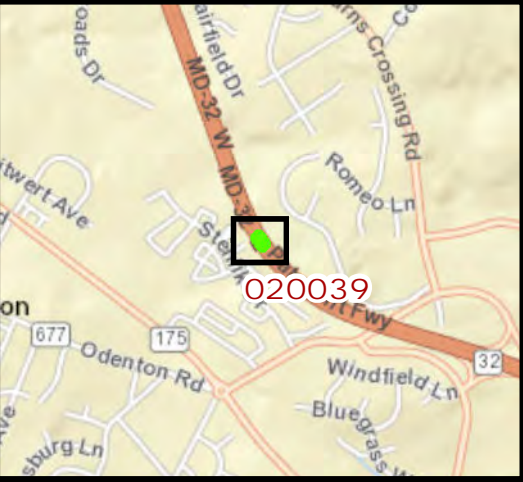
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020040

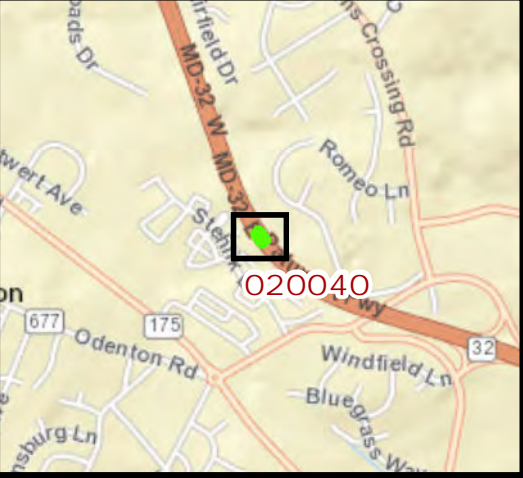
Infiltration trench



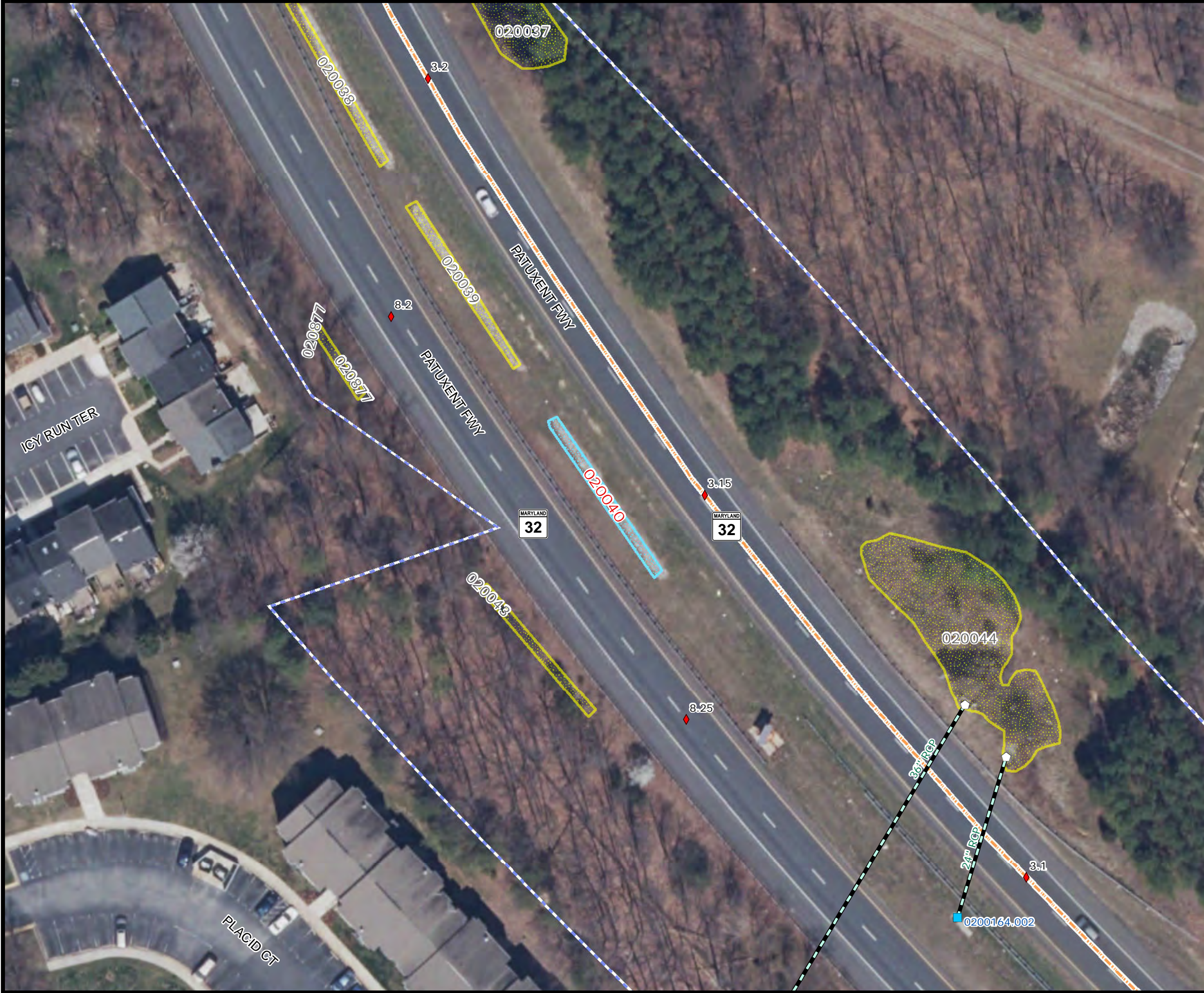
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

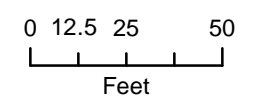


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020043

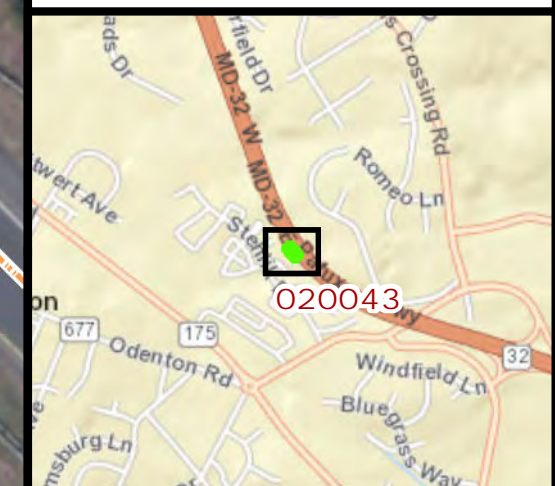
Infiltration trench



1 inch = 50 feet

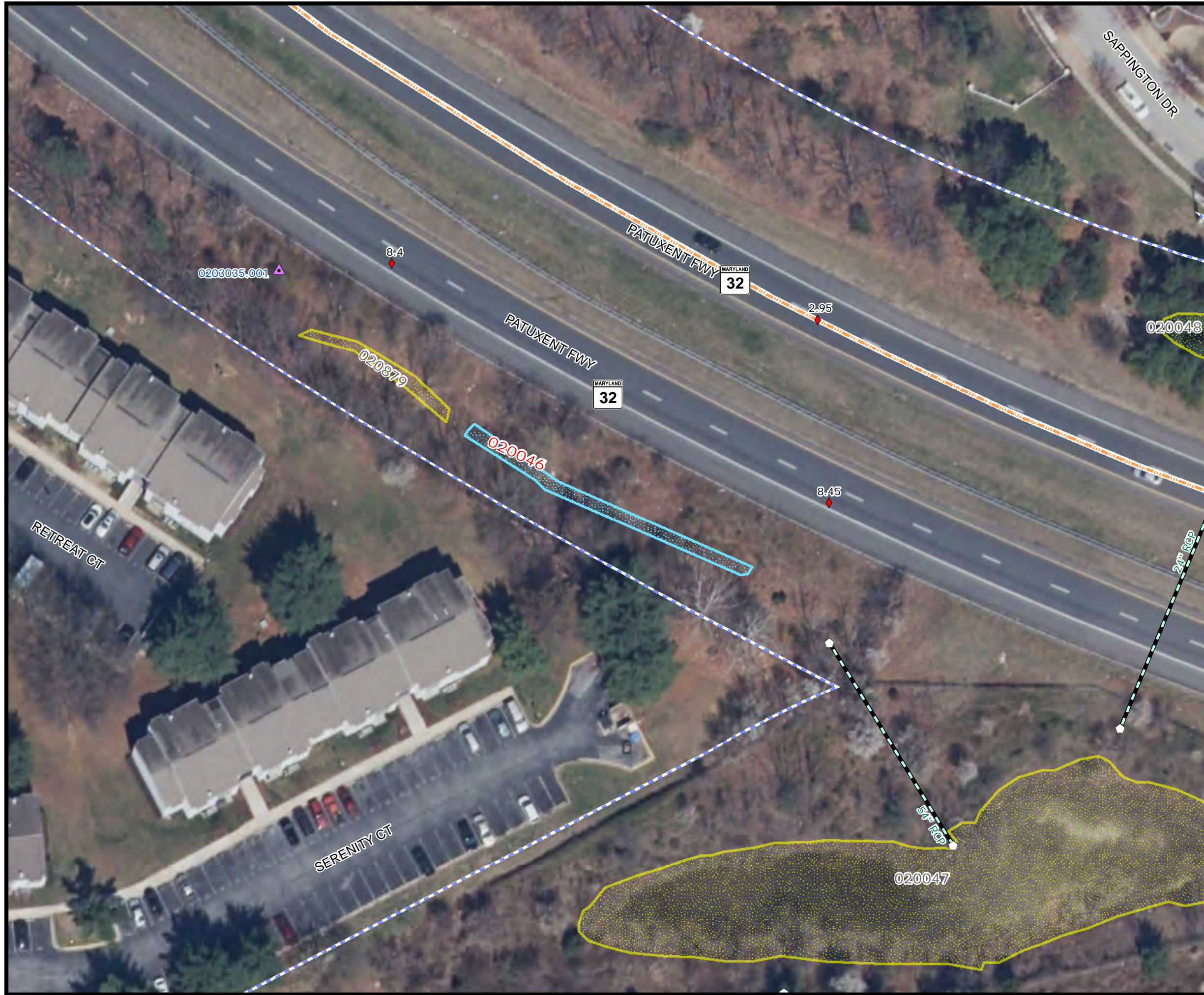


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



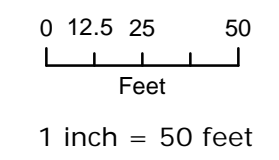
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



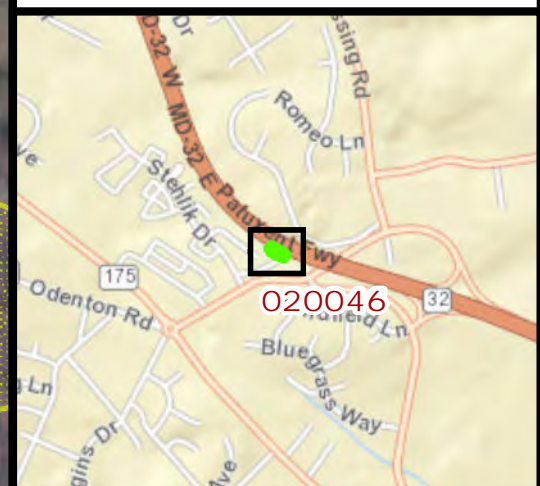


SHA SWM Facility 020046

Infiltration trench



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



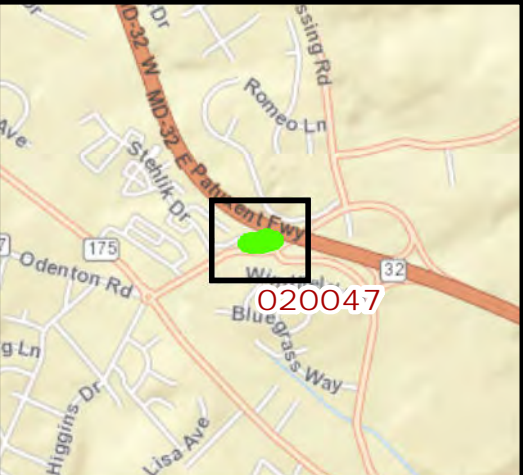
SHA SWM Facility
020047
Wet pond



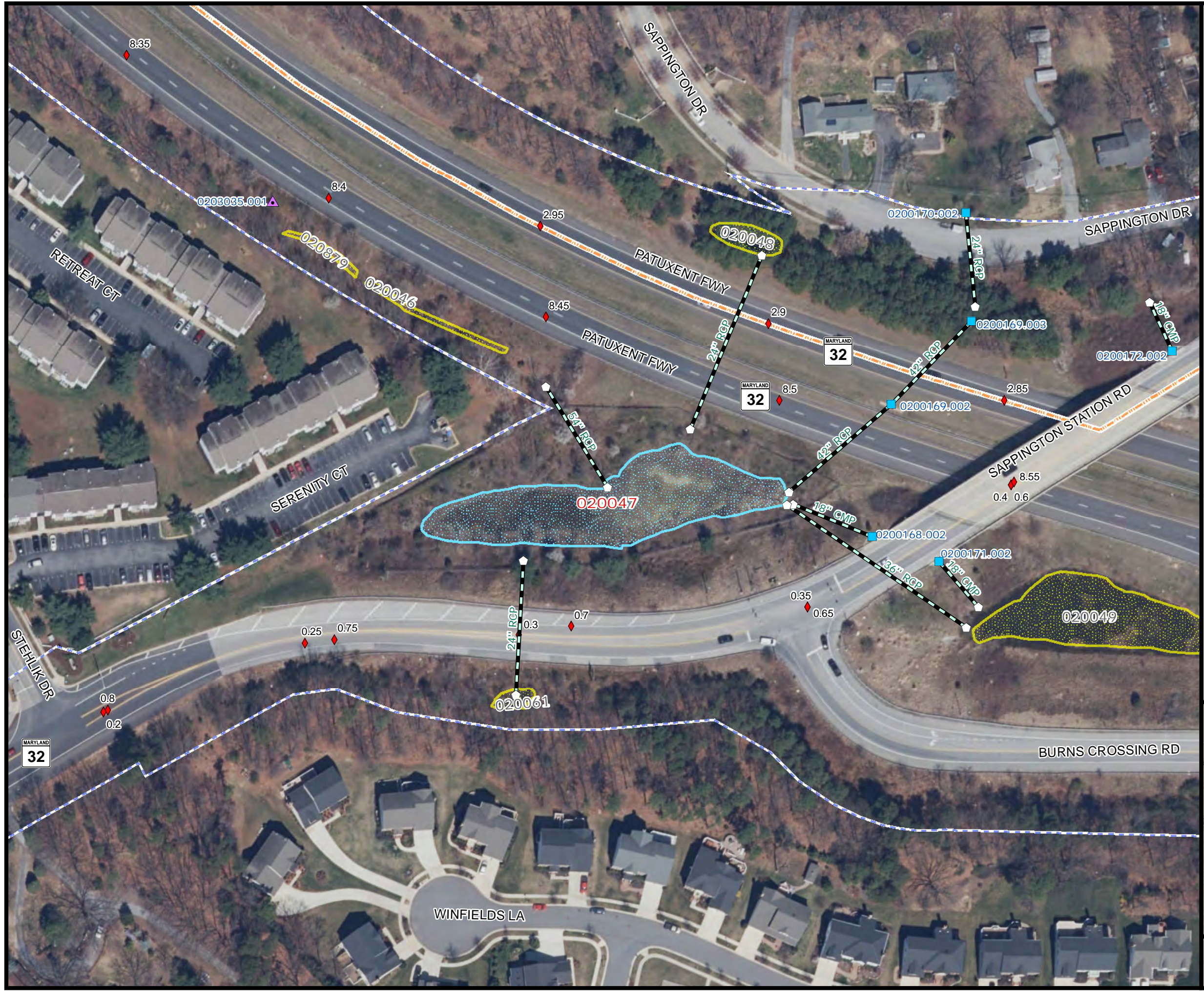
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



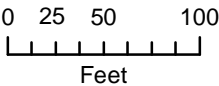
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020049

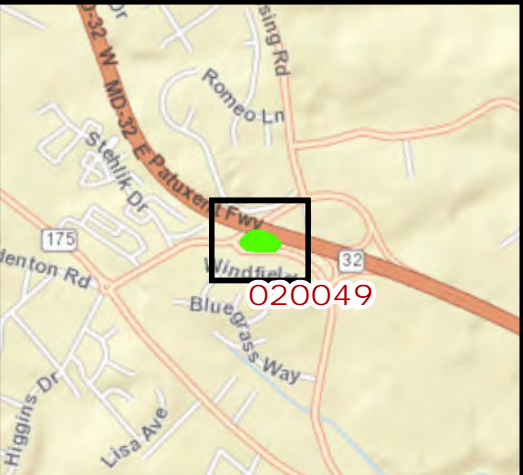
Micropool extended detention pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020050

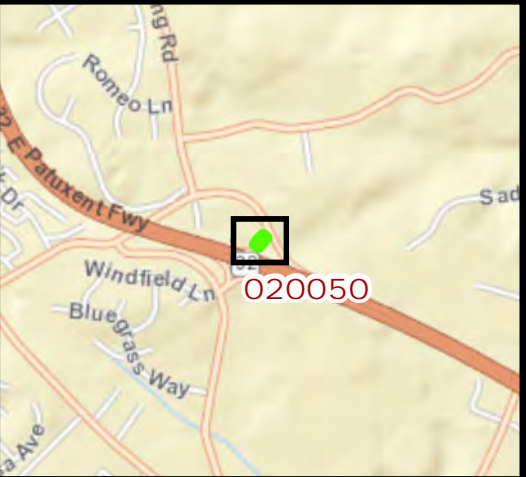
Infiltration trench



1 inch = 50 feet

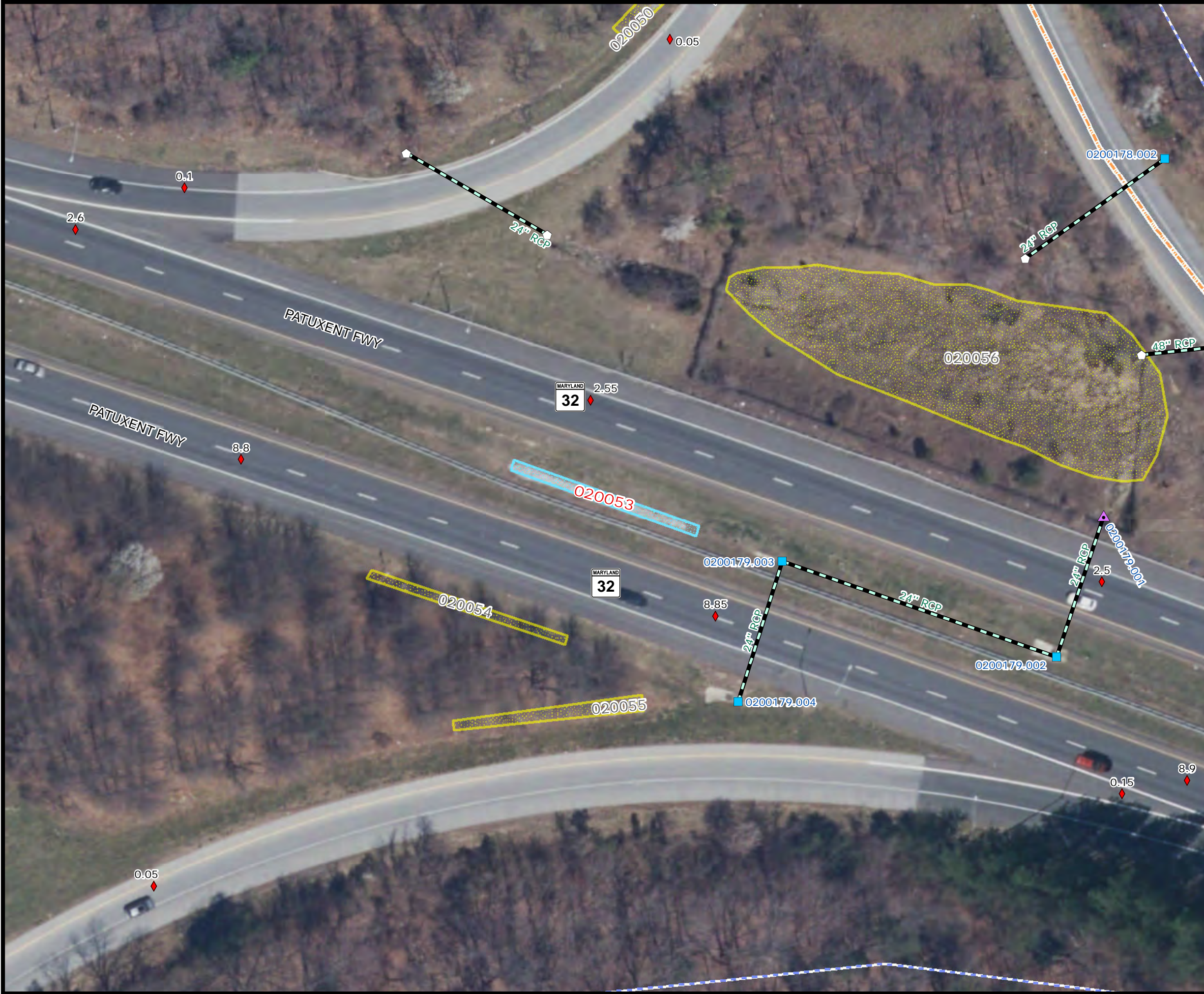


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



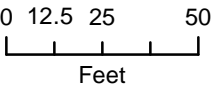
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020053

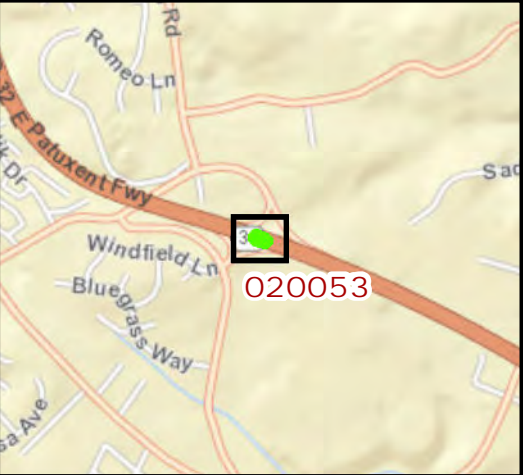
Infiltration trench



1 inch = 50 feet



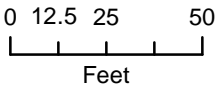
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020054

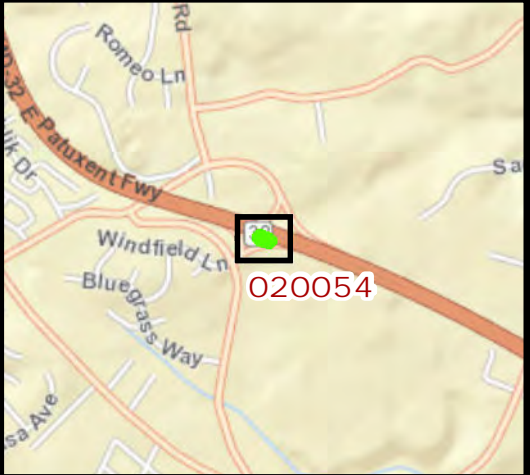
Infiltration trench

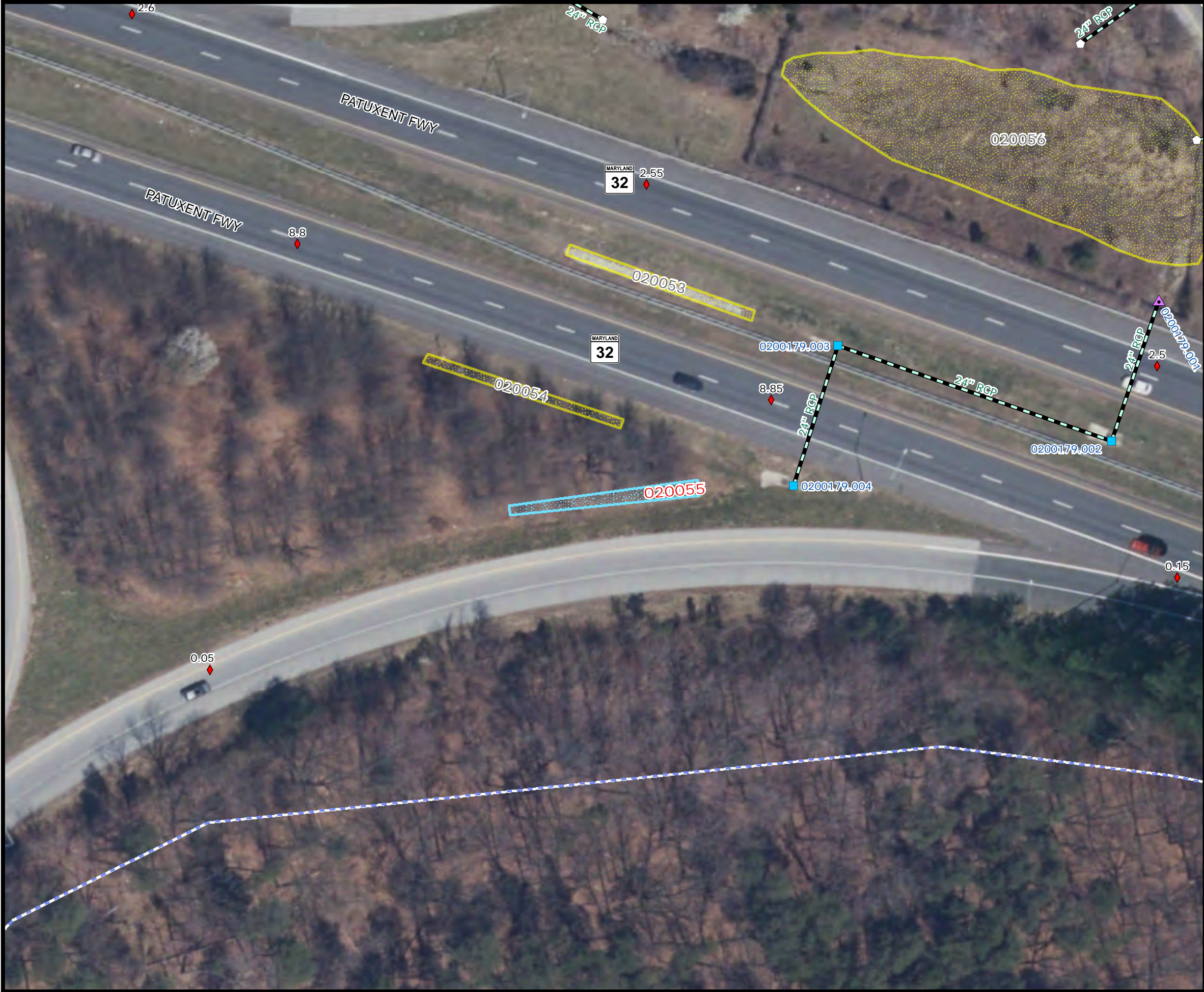


1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020055

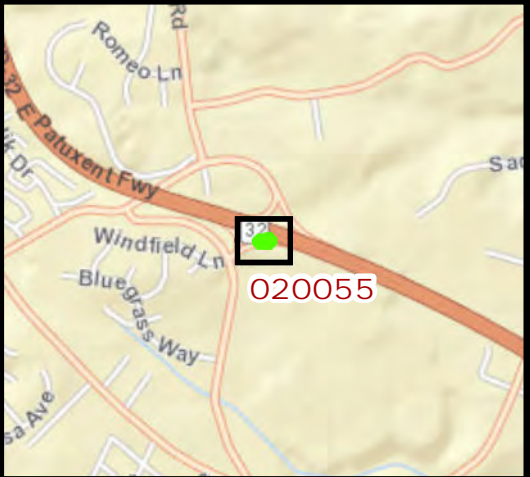
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020056

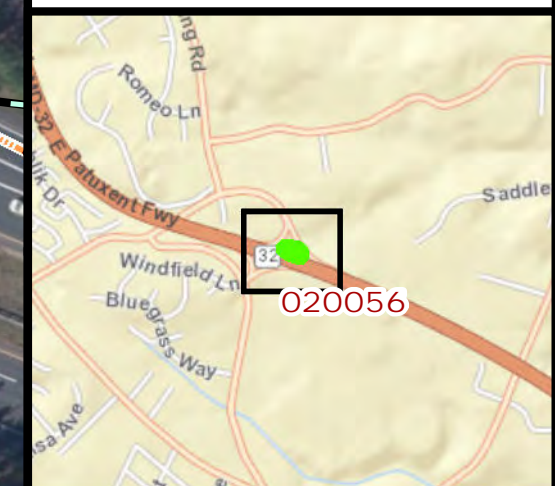
Dry pond



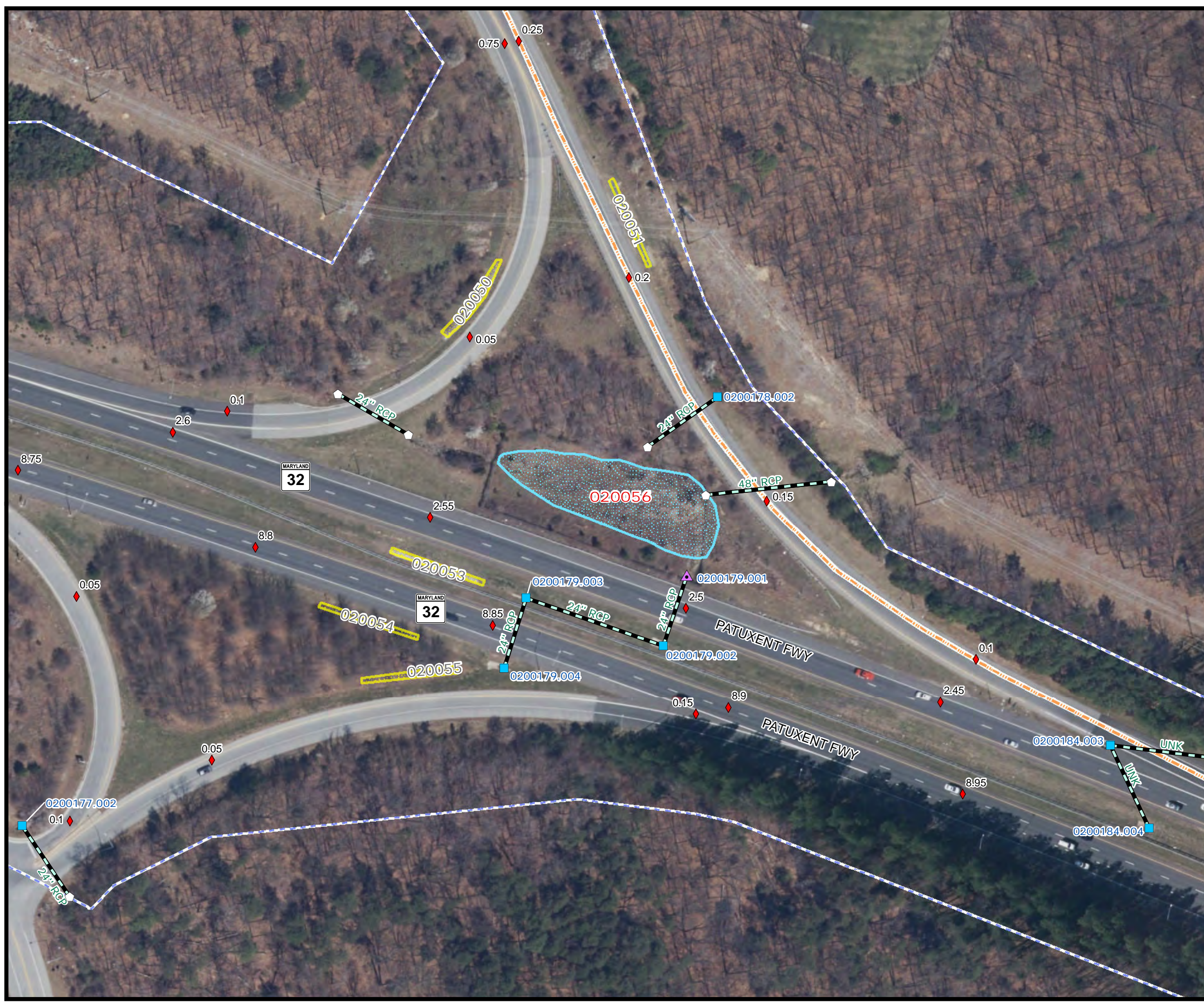
1 inch = 100 feet

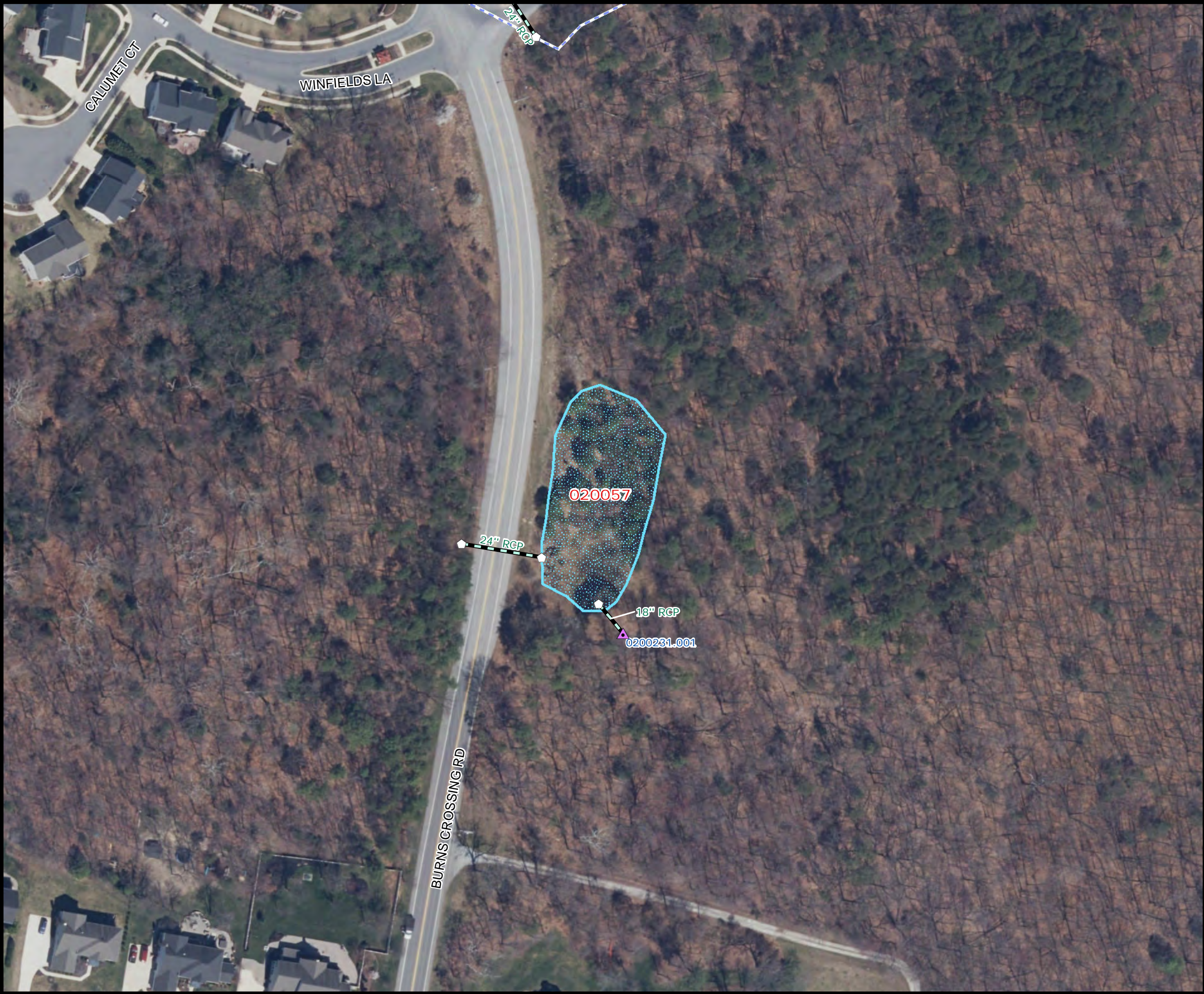


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



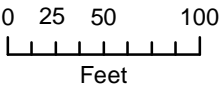
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020057

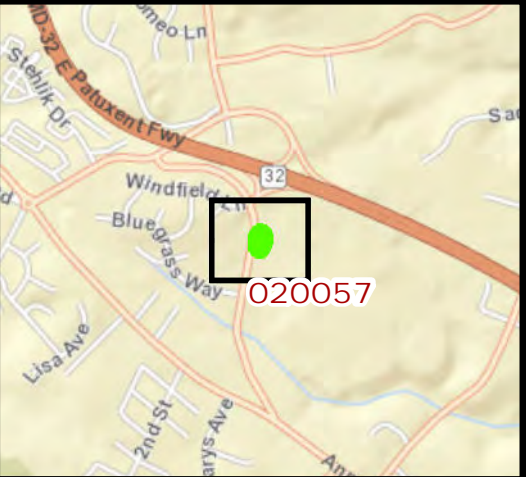
Dry pond

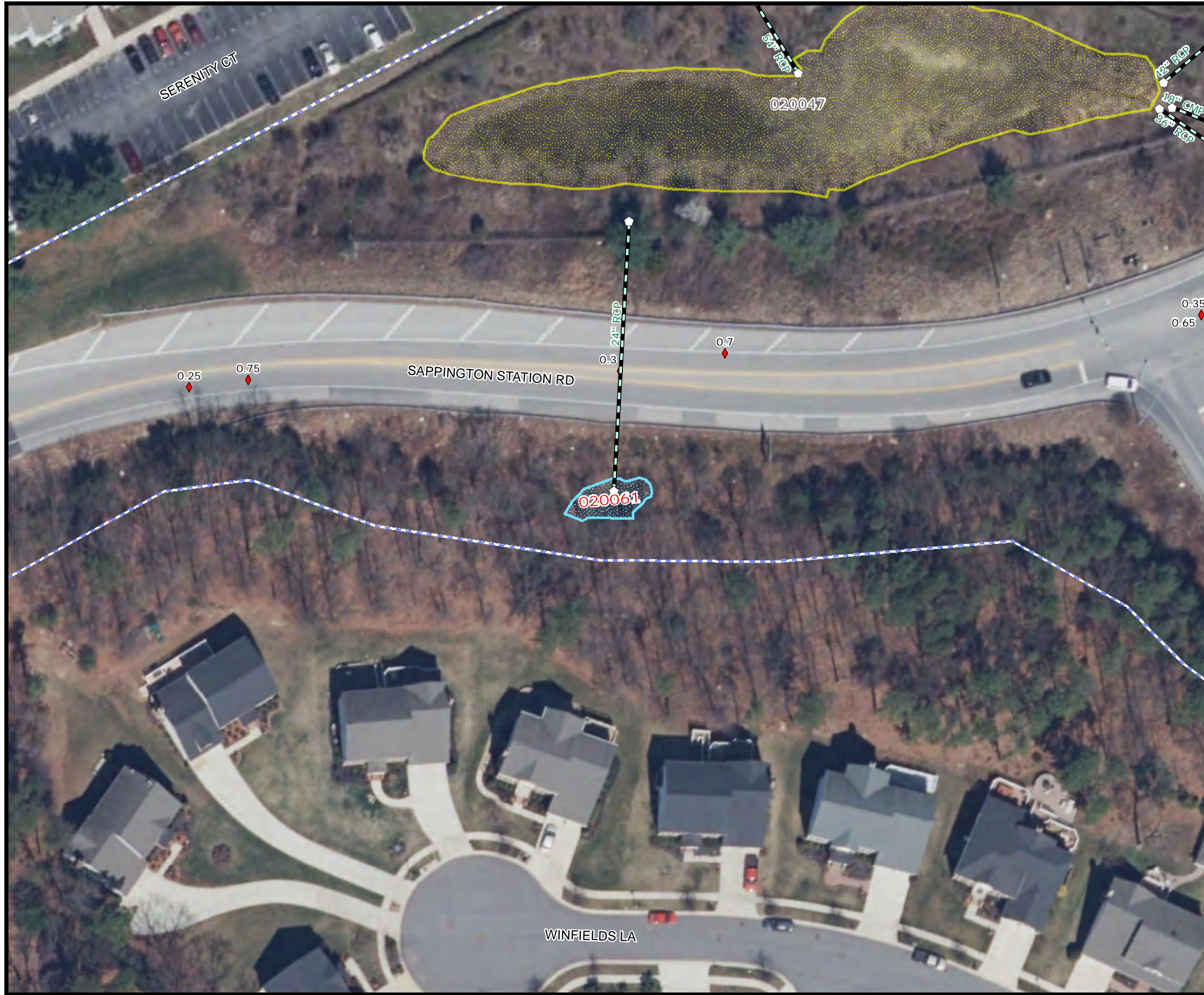


1 inch = 100 feet

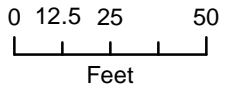


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





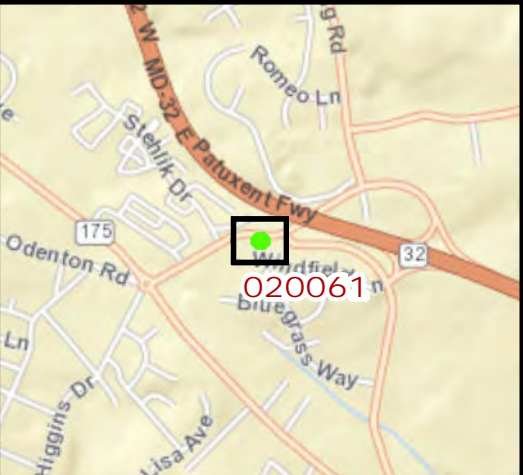
SHA SWM Facility
020061
Infiltration basin



1 inch = 50 feet

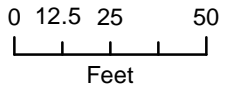


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

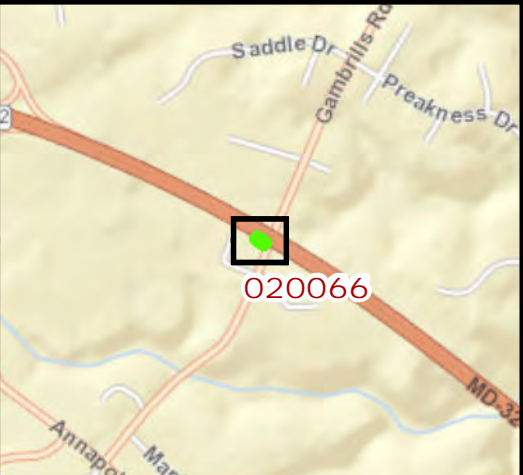
SHA SWM Facility
020066
Infiltration trench



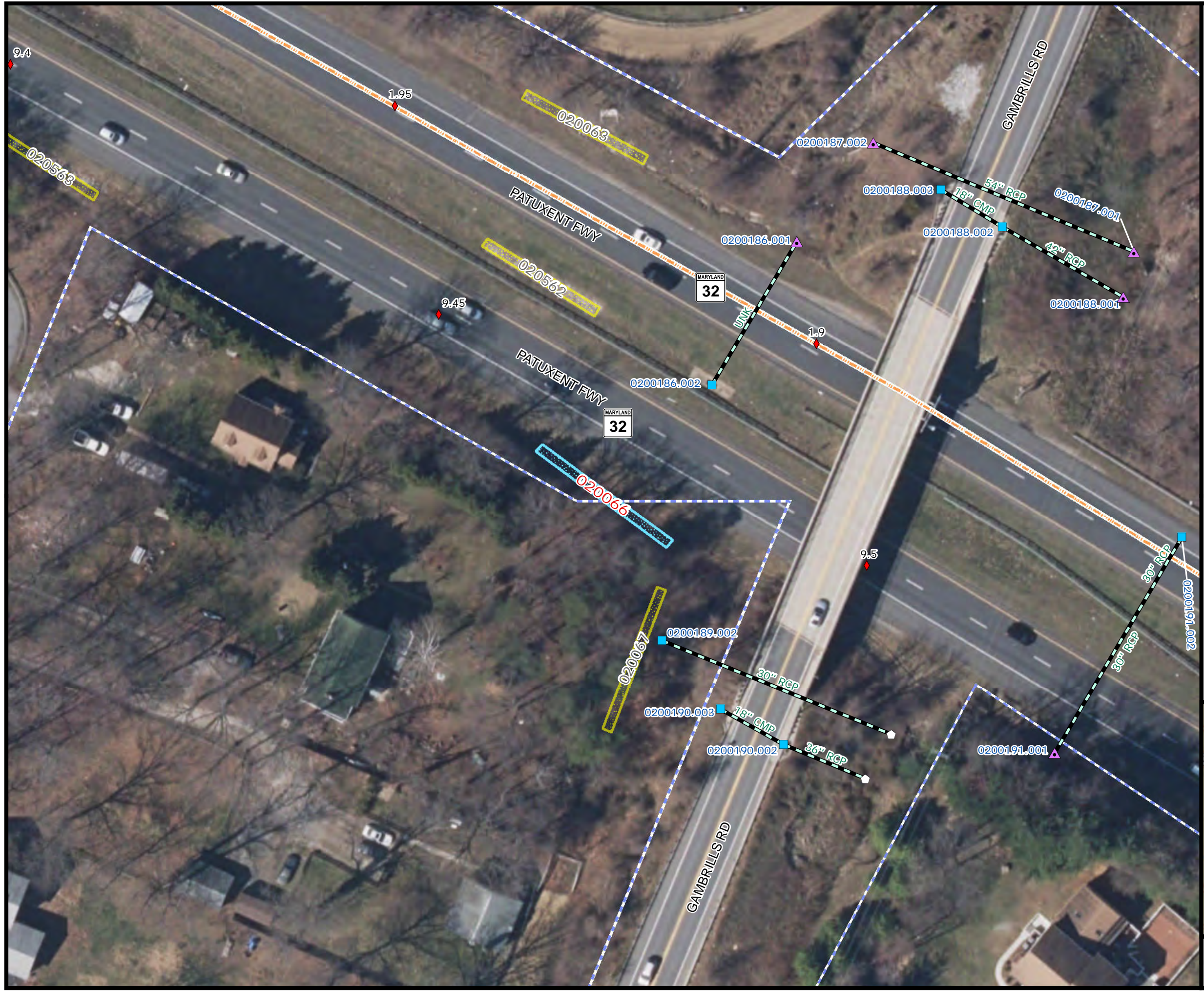
1 inch = 50 feet

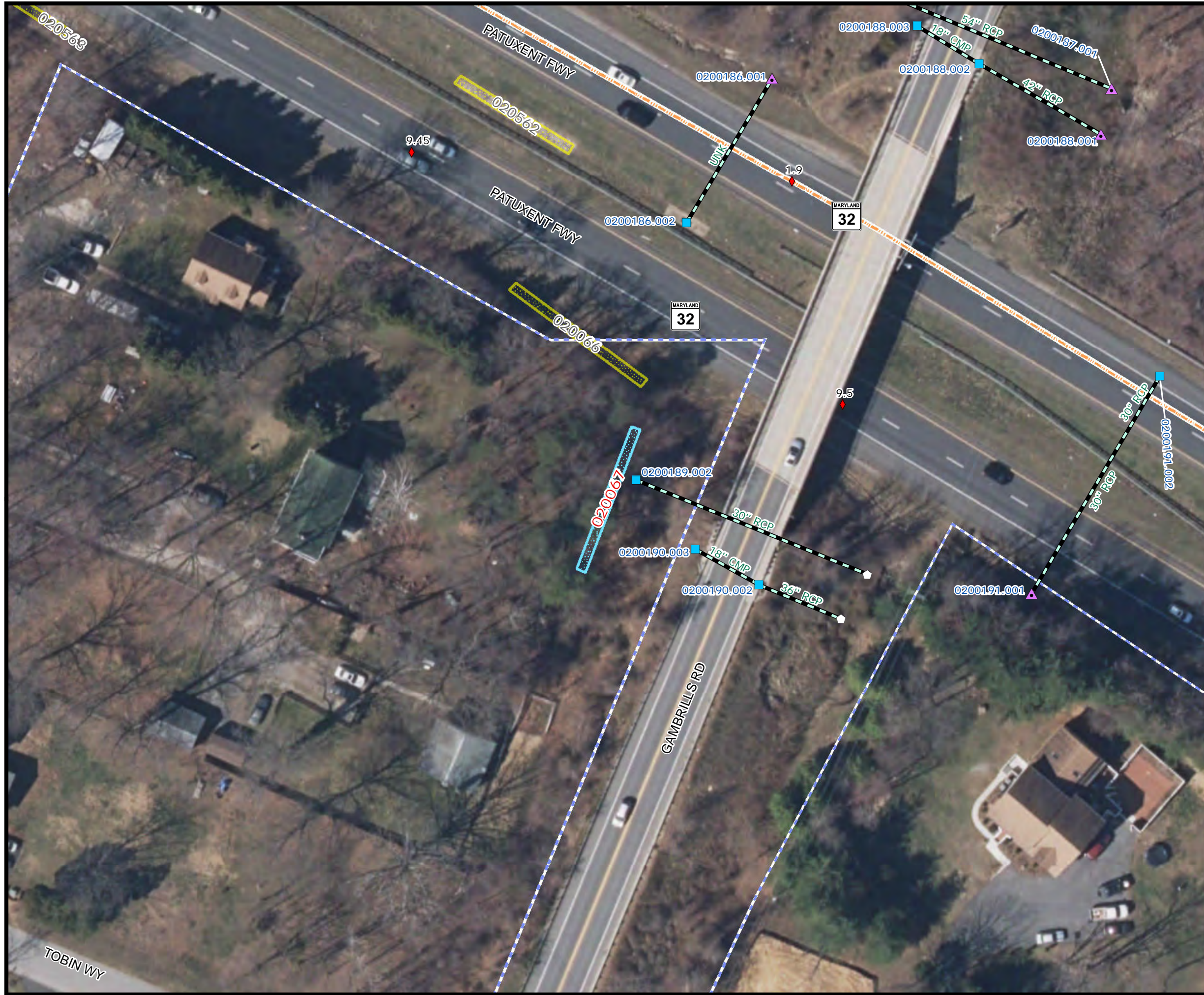


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



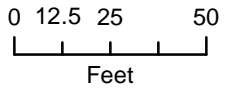
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020067

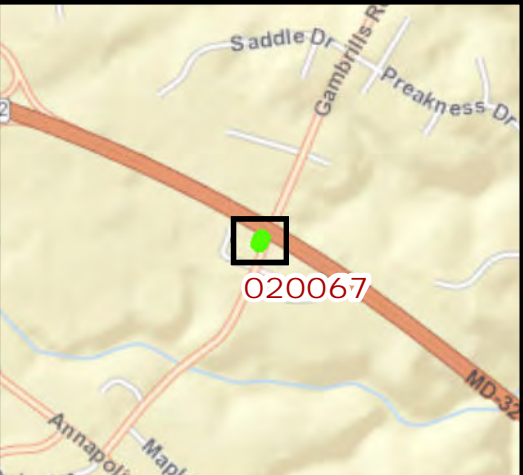
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
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SHA SWM Facility
020068

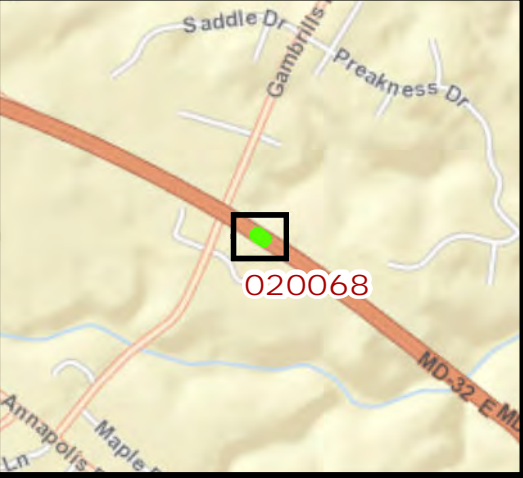
Infiltration trench



1 inch = 50 feet

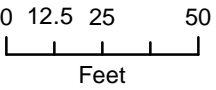


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020069

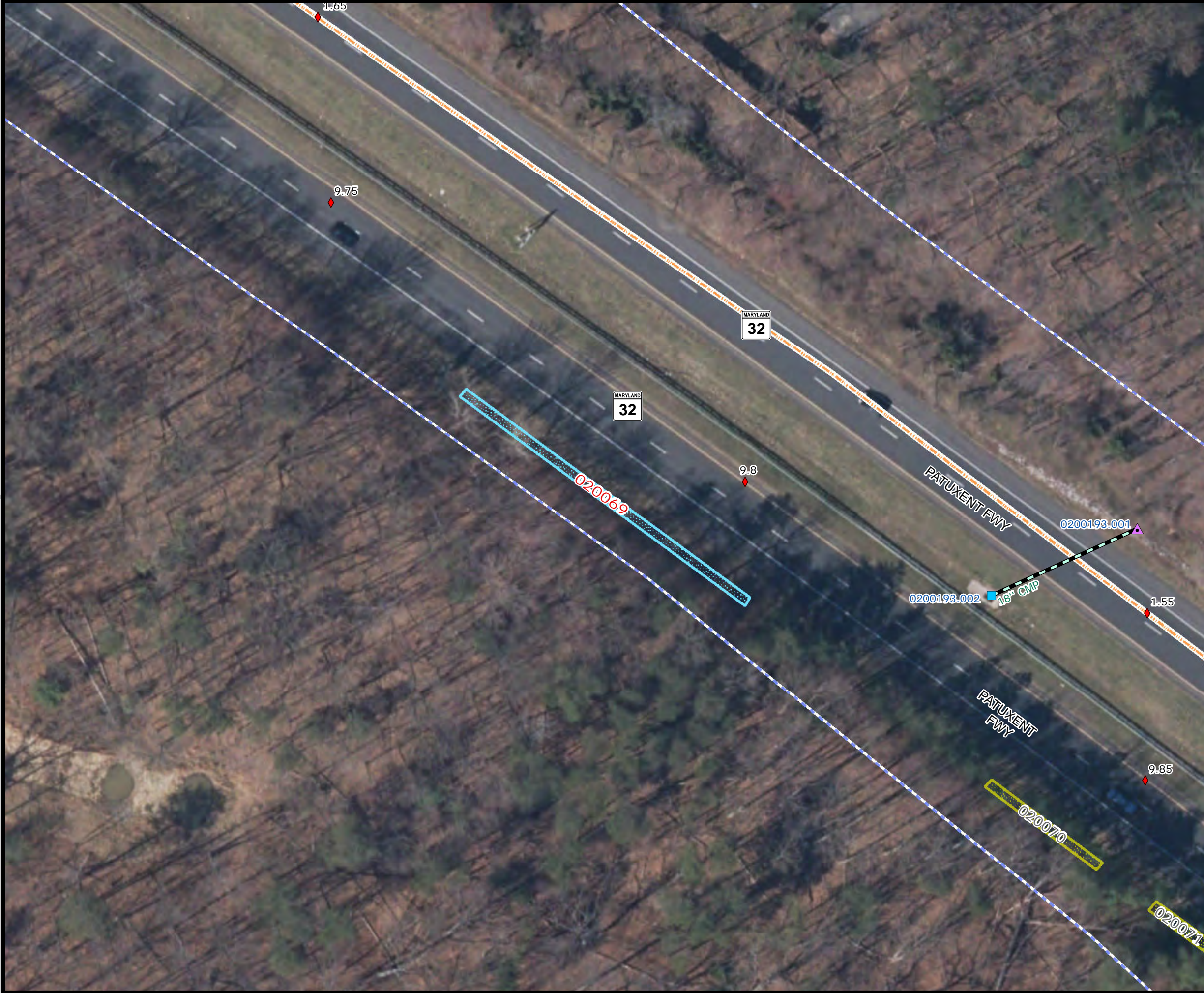
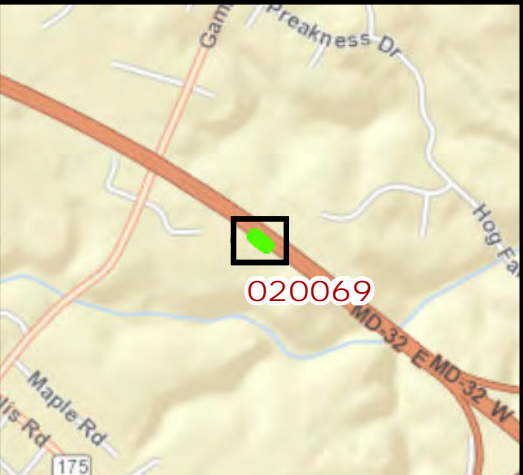
Infiltration trench



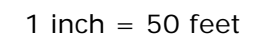
1 inch = 50 feet













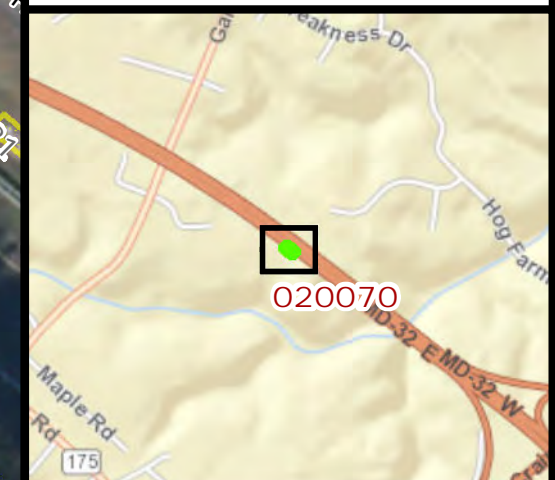
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



Infiltration trench



- | | |
|---|-------------------------|
|  | Manhole |
|  | Inlet |
|  | End/Headwall |
|  | Other Structure |
|  | Pipe |
|  | Milepoint |
|  | Facility Footprint |
|  | Nearby Facilities |
|  | Approx SHA Right-of-Way |
|  | Shop Boundary |



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SHA SWM Facility
020071

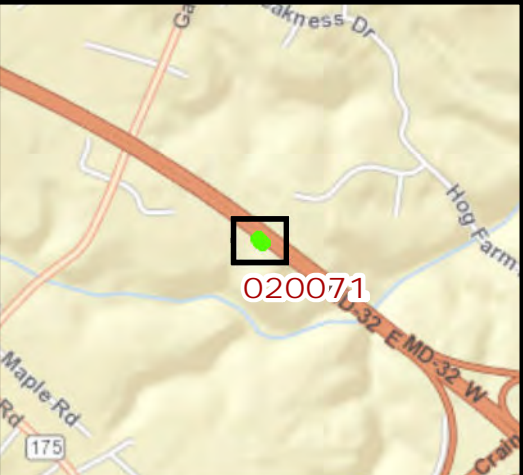
Infiltration trench



1 inch = 50 feet

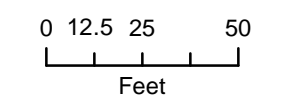


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020073

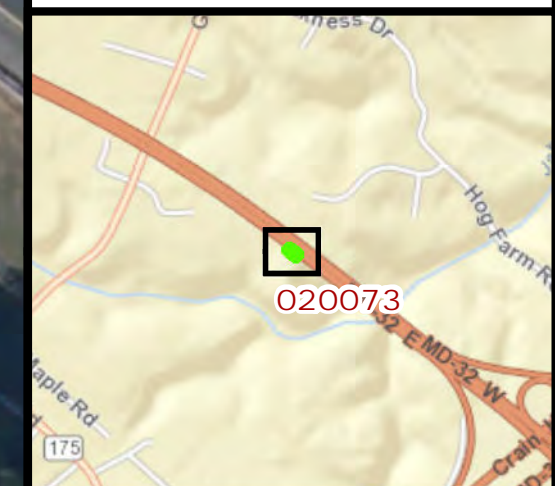
Infiltration trench



1 inch = 50 feet



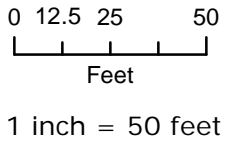
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



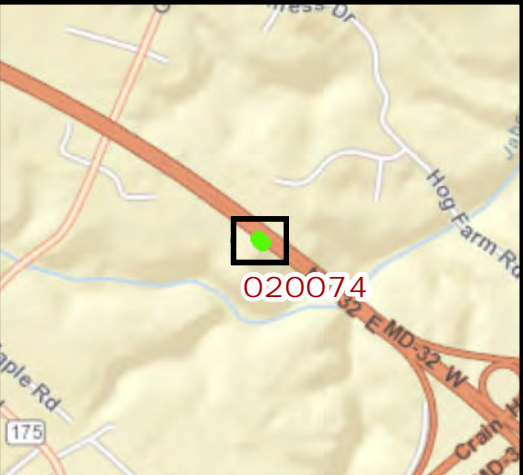
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020074
Infiltration trench



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
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SHA SWM Facility
020075

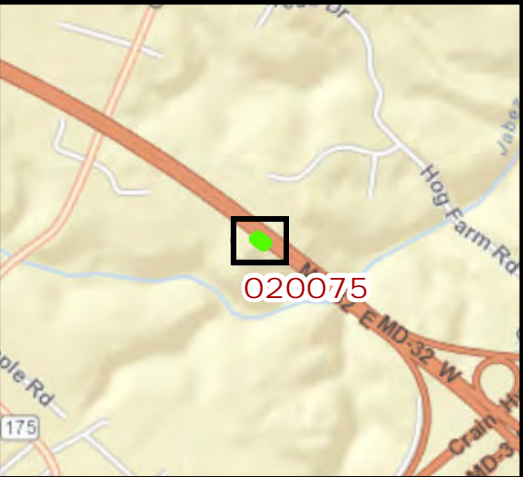
Infiltration trench



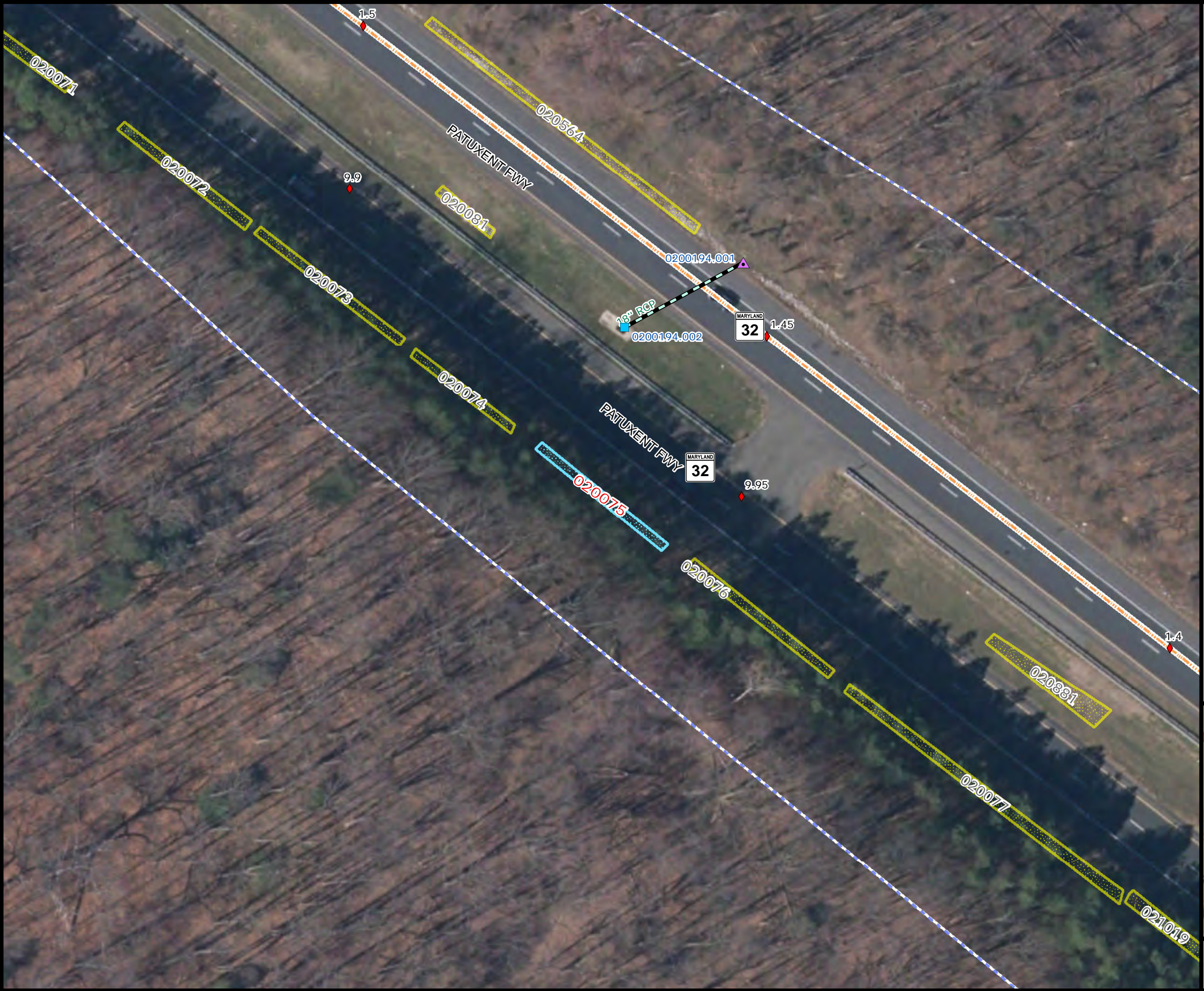
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
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SHA SWM Facility
020076

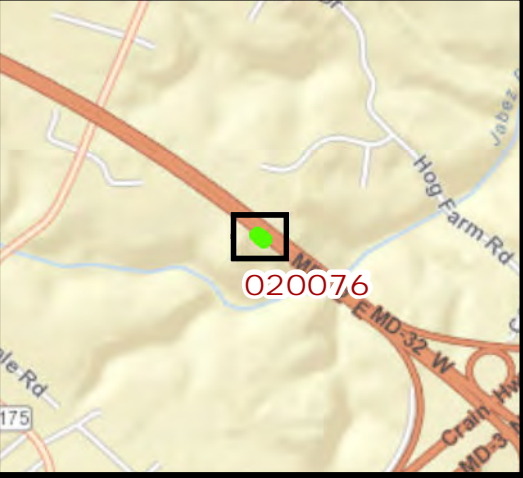
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



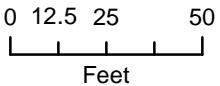
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020077

Infiltration trench



1 inch = 50 feet

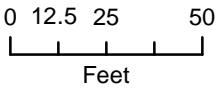


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020081

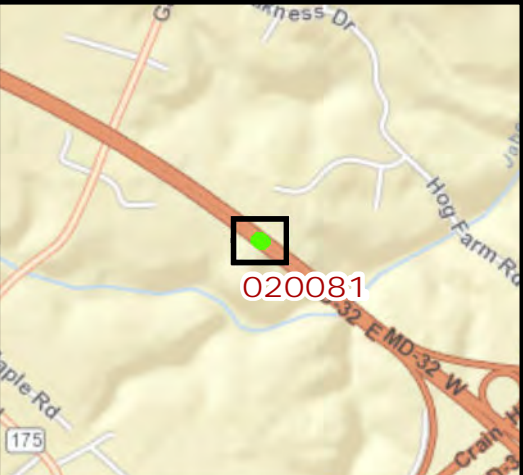
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
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SHA SWM Facility
020082

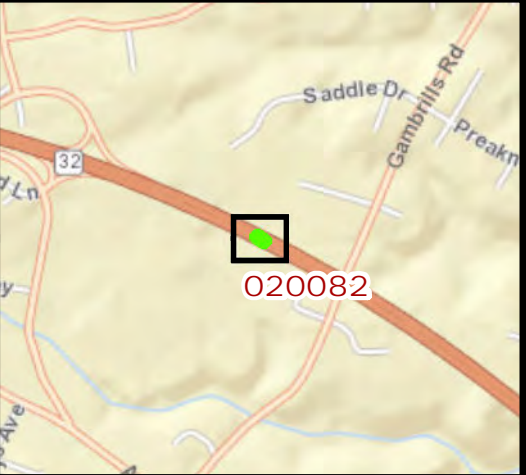
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

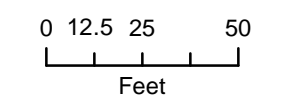


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020083

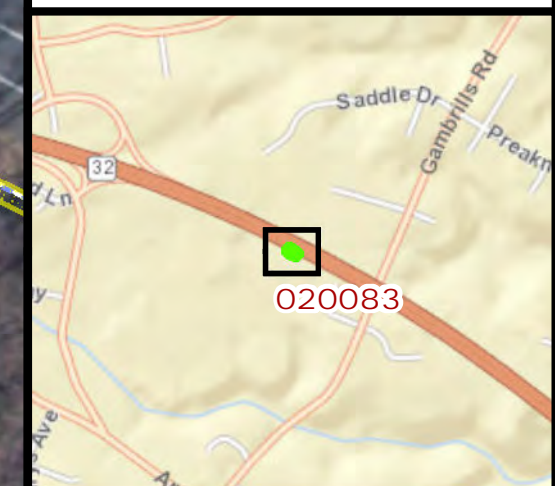
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020085

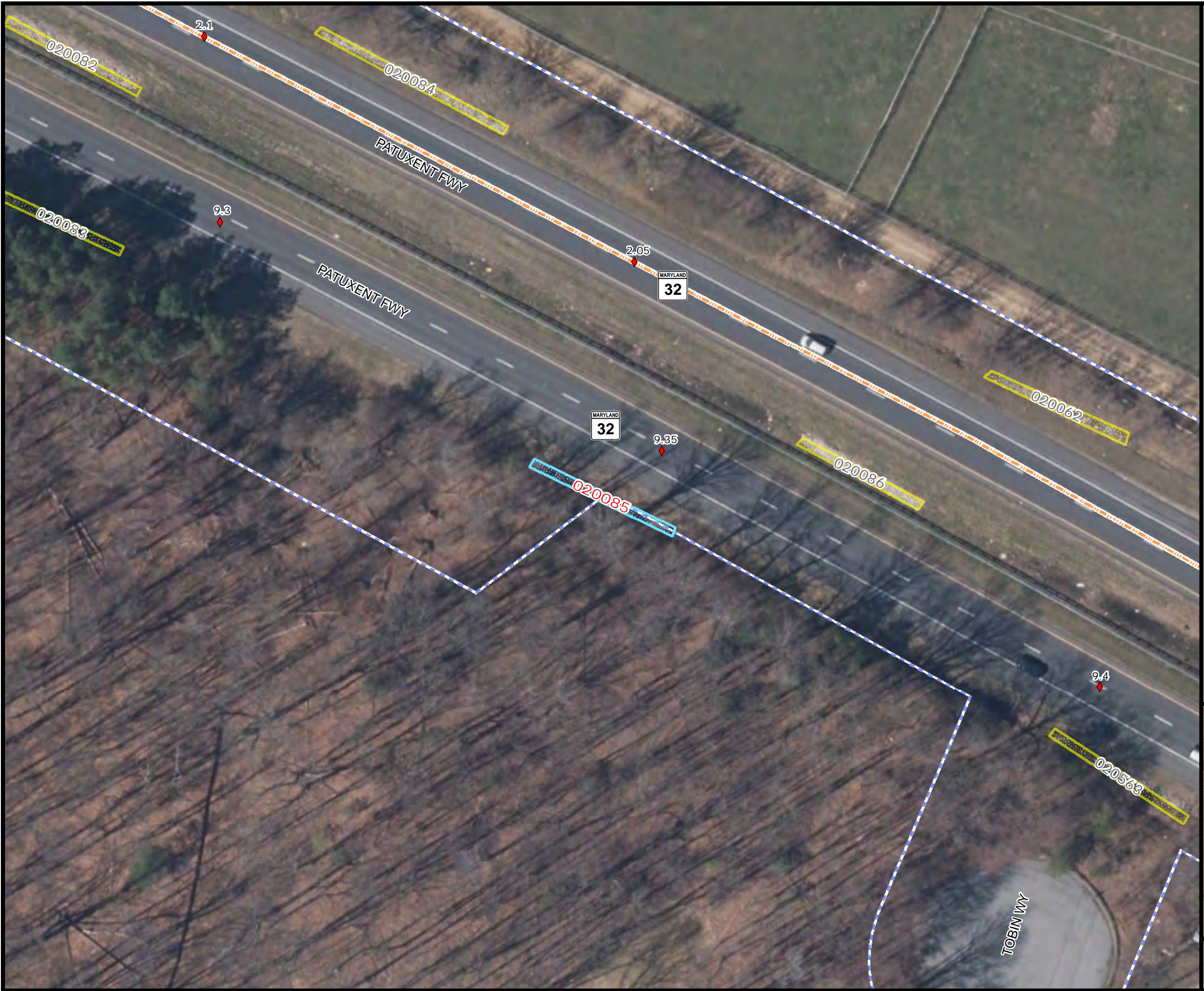
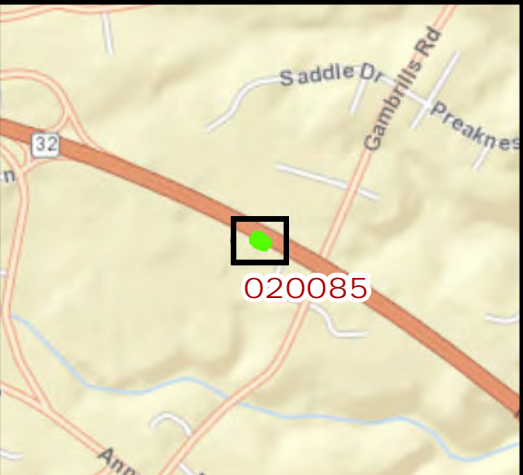
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020086

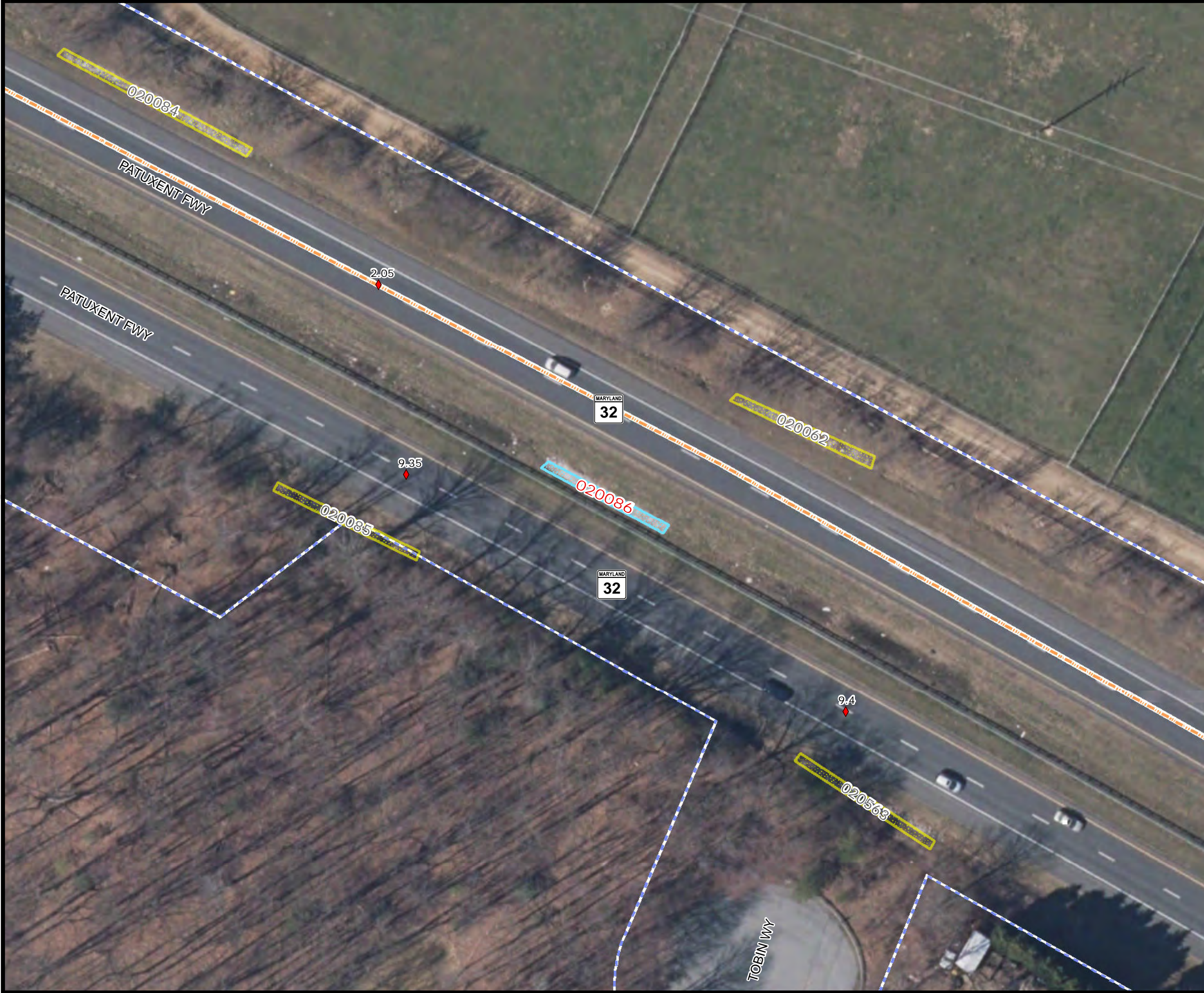
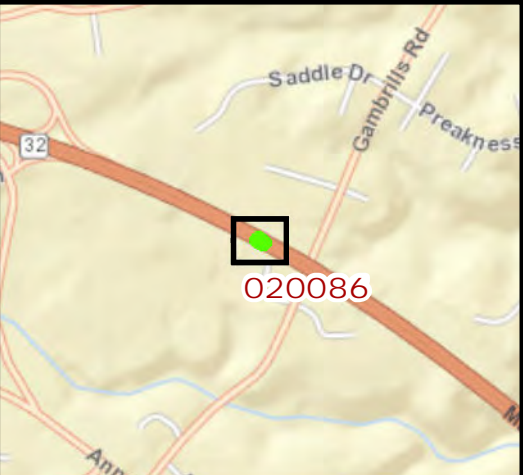
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020090

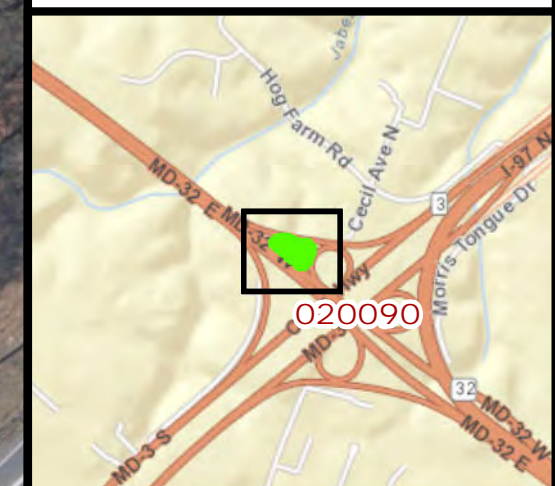
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



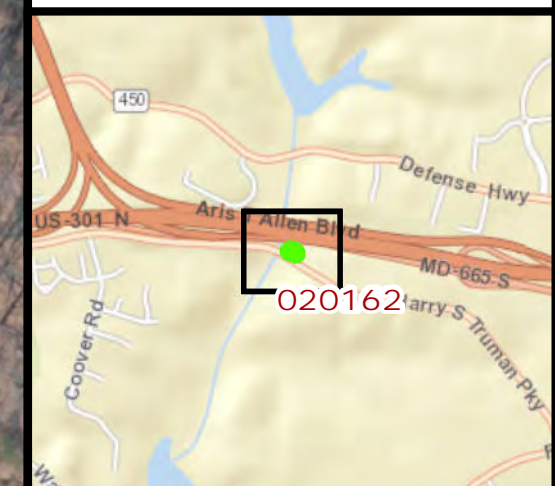
SHA SWM Facility 020162 Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



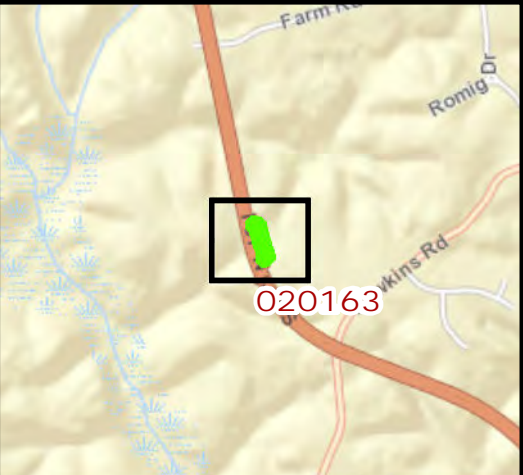
SHA SWM Facility
020163
Dry pond



1 inch = 100 feet



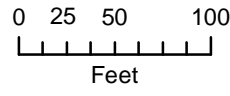
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



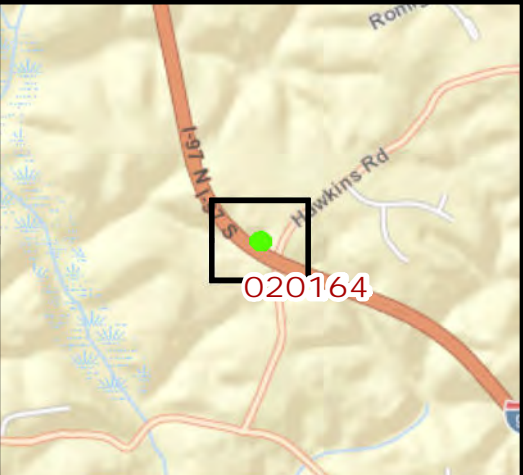
SHA SWM Facility
020164
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020165

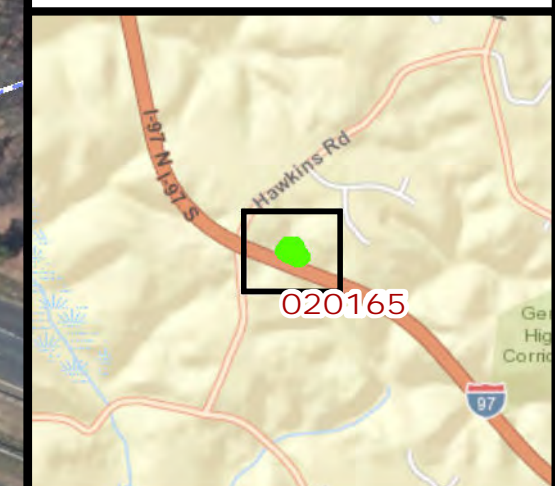
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
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SHA SWM Facility 020167

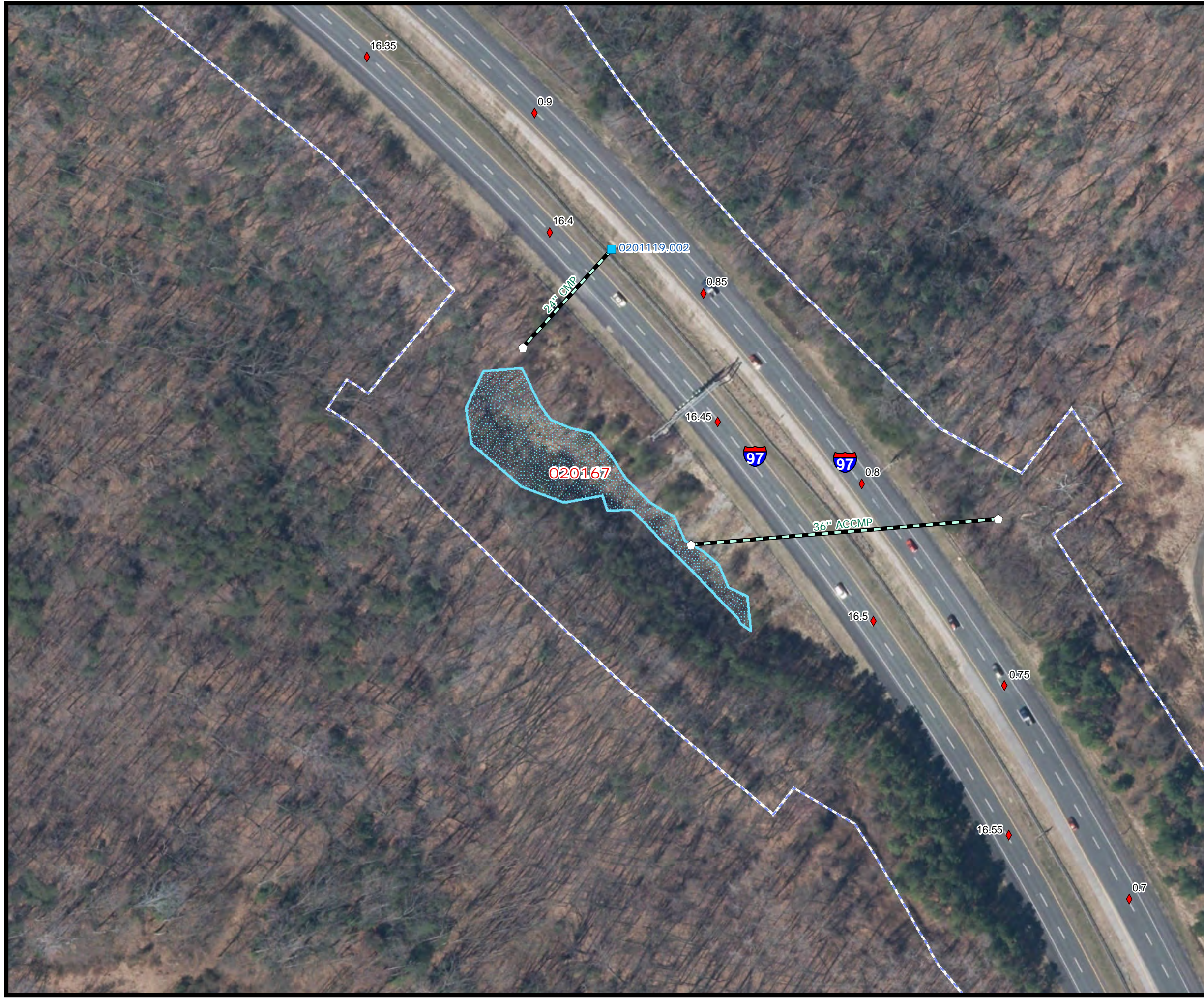
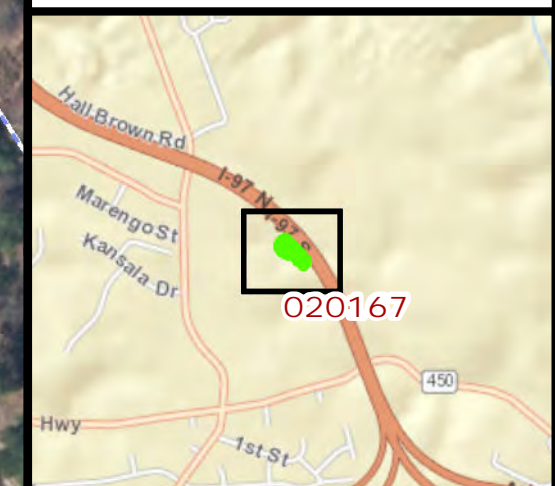
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



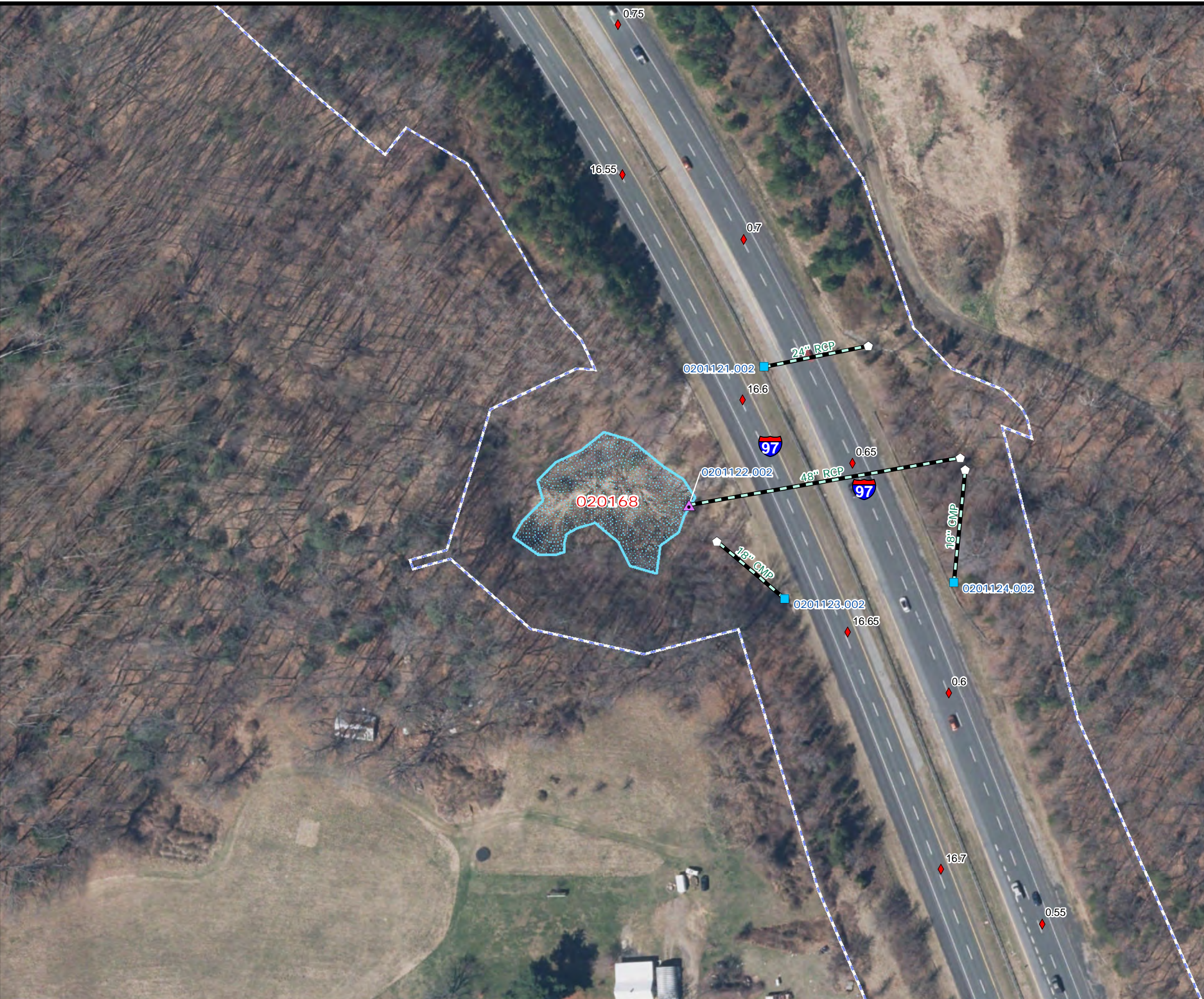
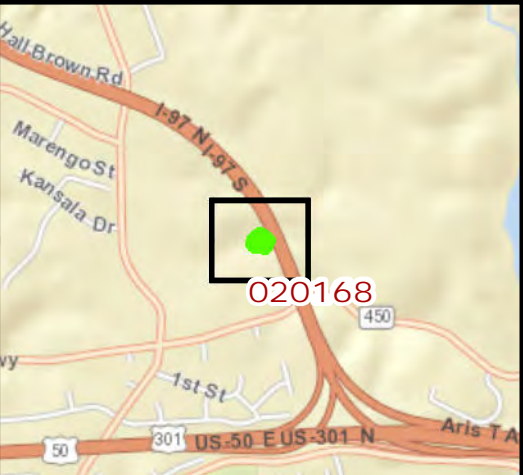
SHA SWM Facility
020168
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



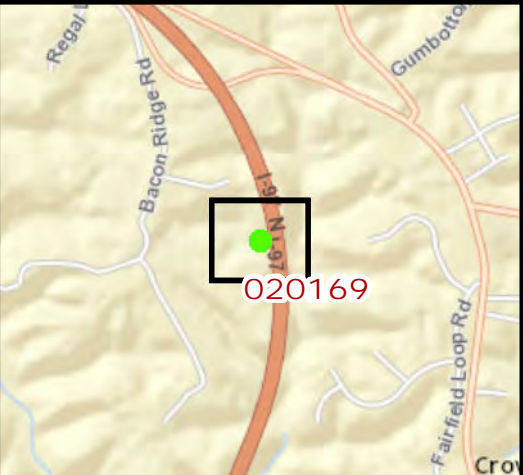
SHA SWM Facility
020169
Shallow marsh



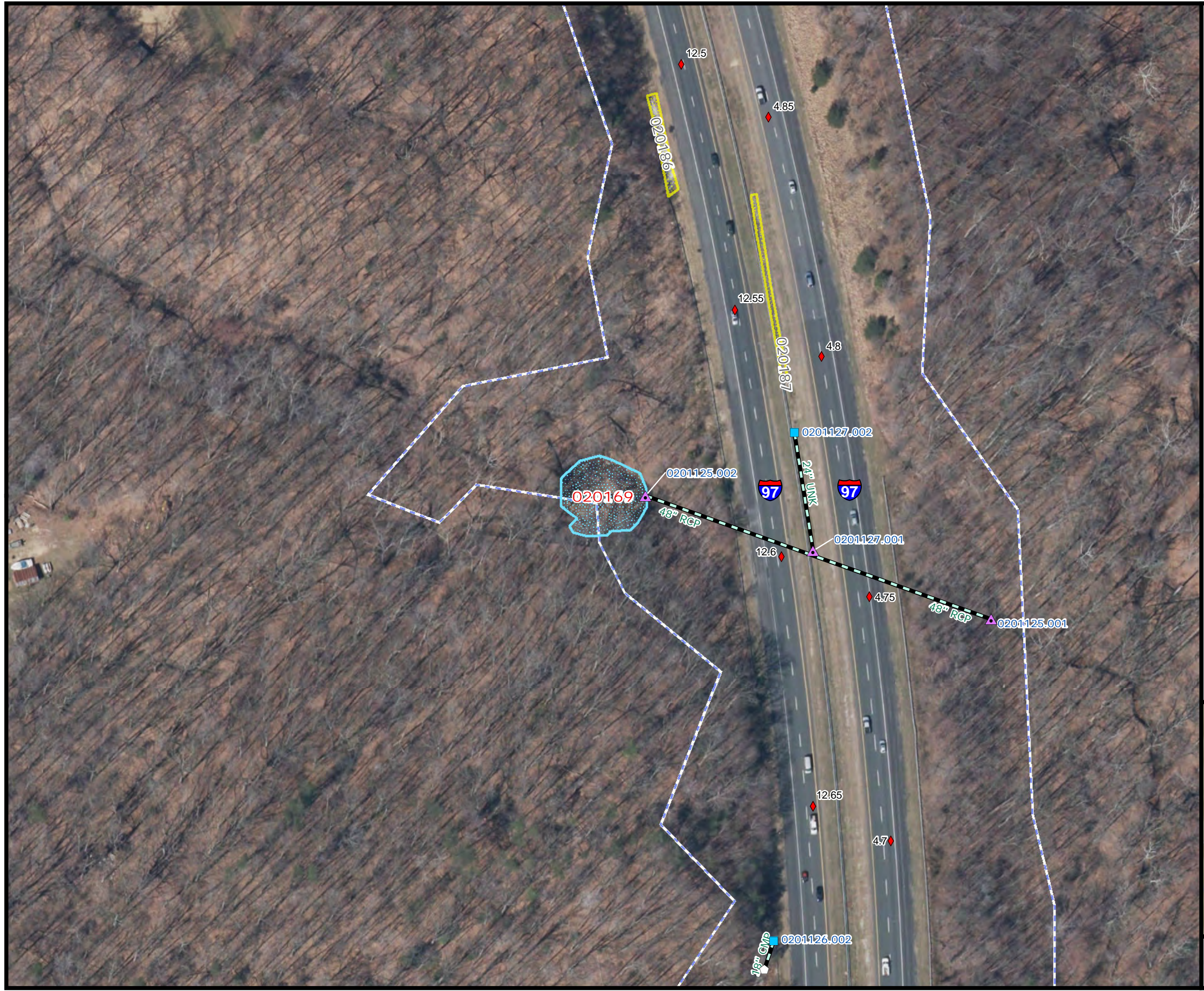
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



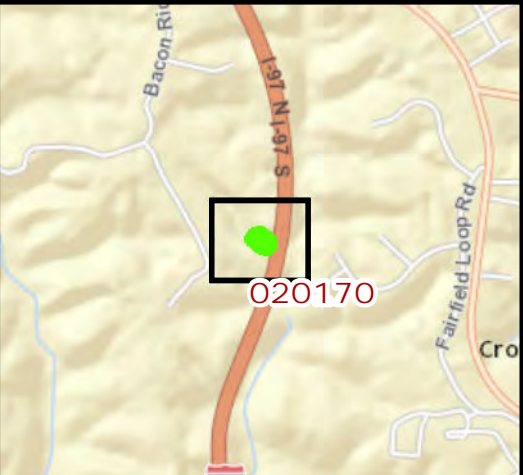
SHA SWM Facility
020170
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



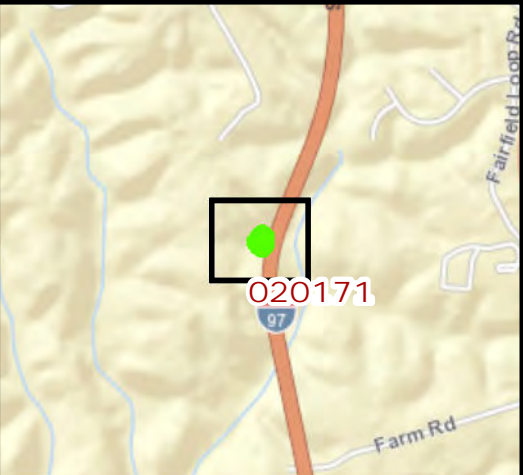
SHA SWM Facility
020171
Dry pond



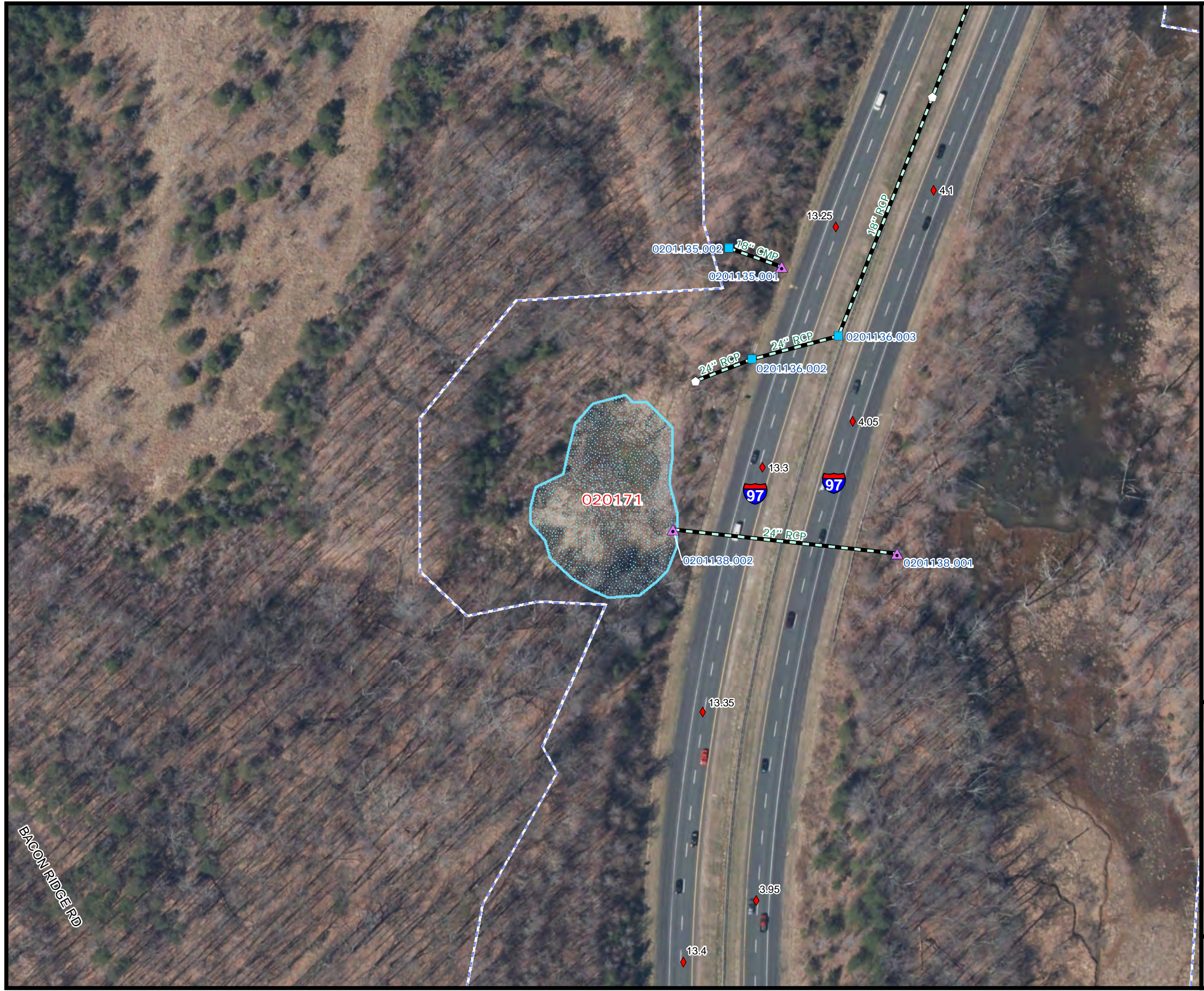
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

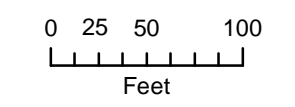


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020172

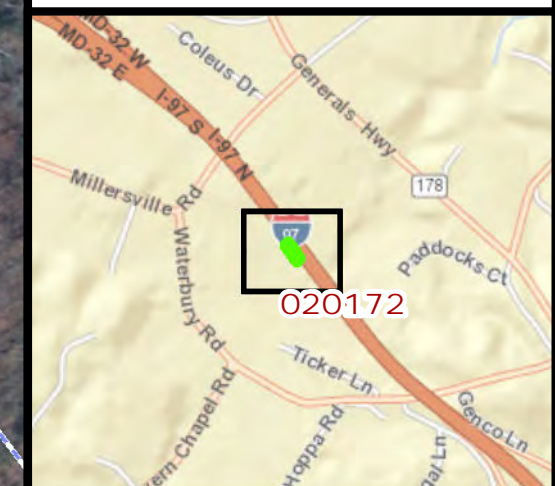
Infiltration trench



1 inch = 100 feet

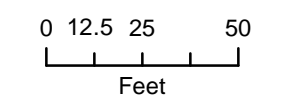


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020173

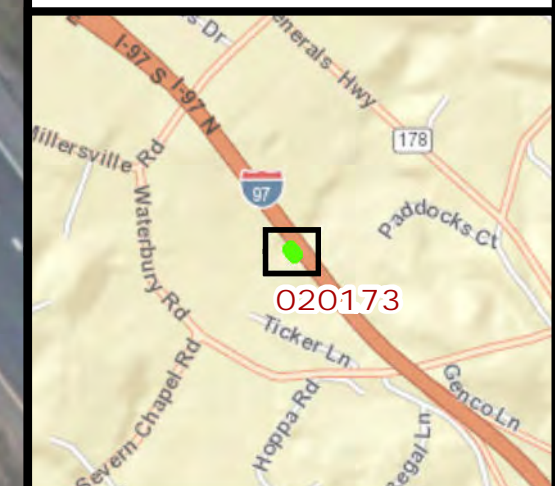
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

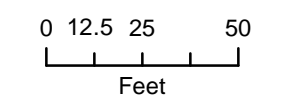


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020174

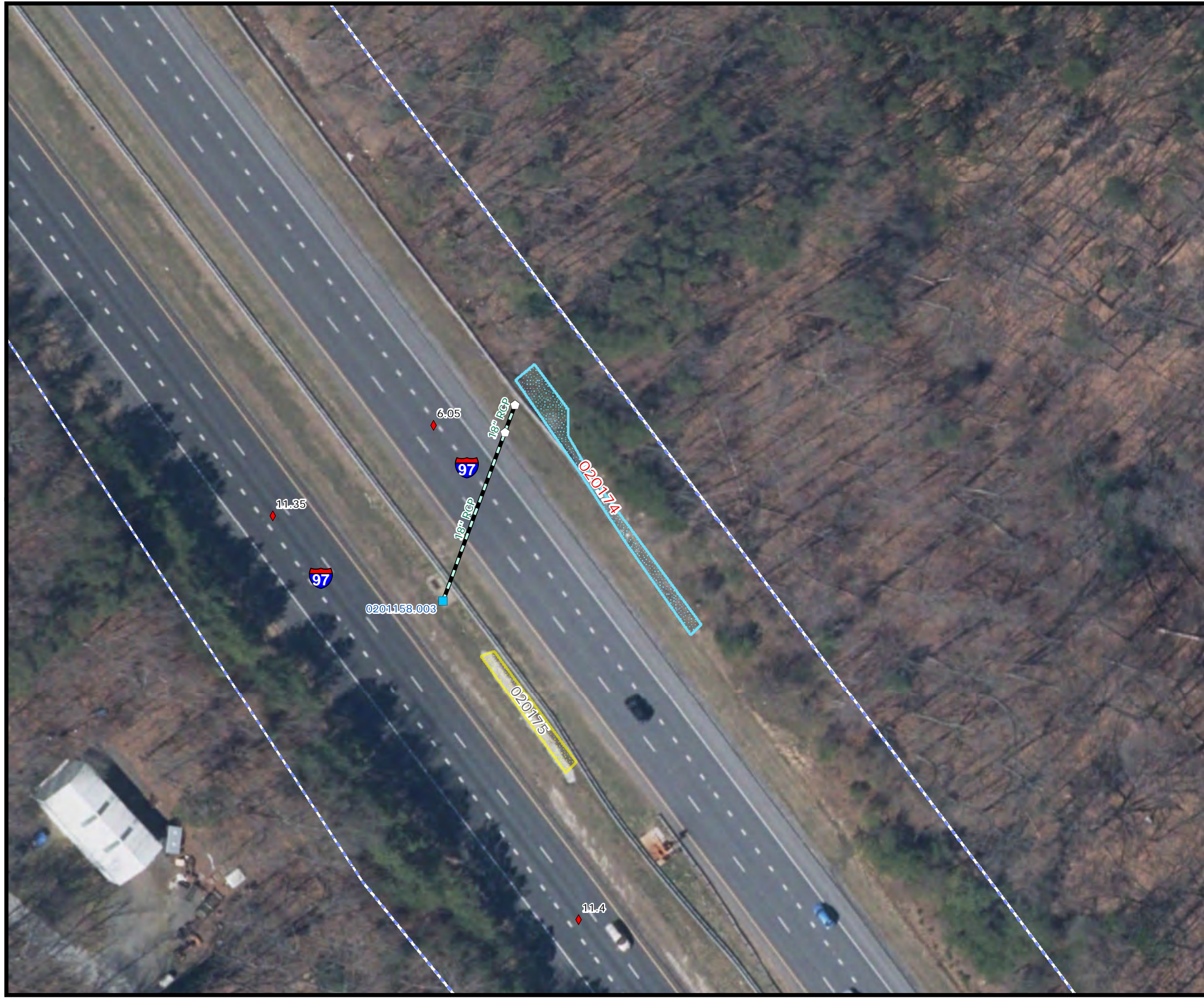
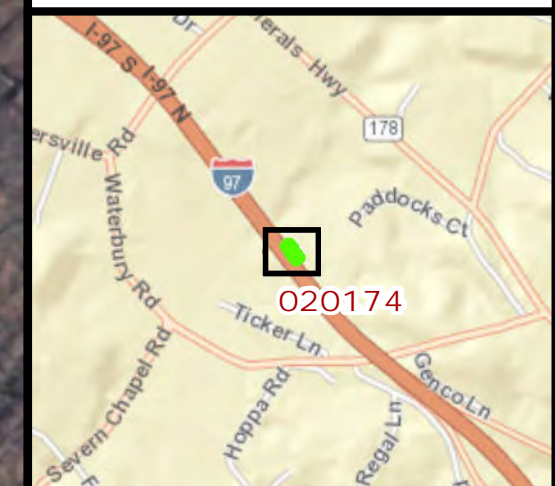
Infiltration trench



1 inch = 50 feet

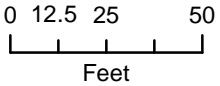


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





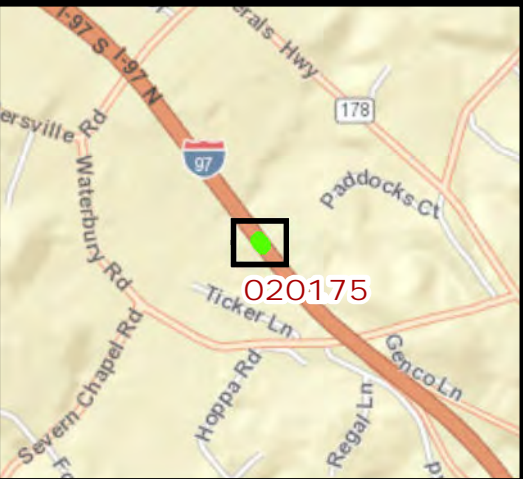
SHA SWM Facility
020175
Infiltration trench



1 inch = 50 feet

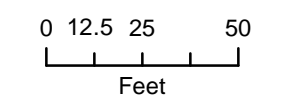


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020176

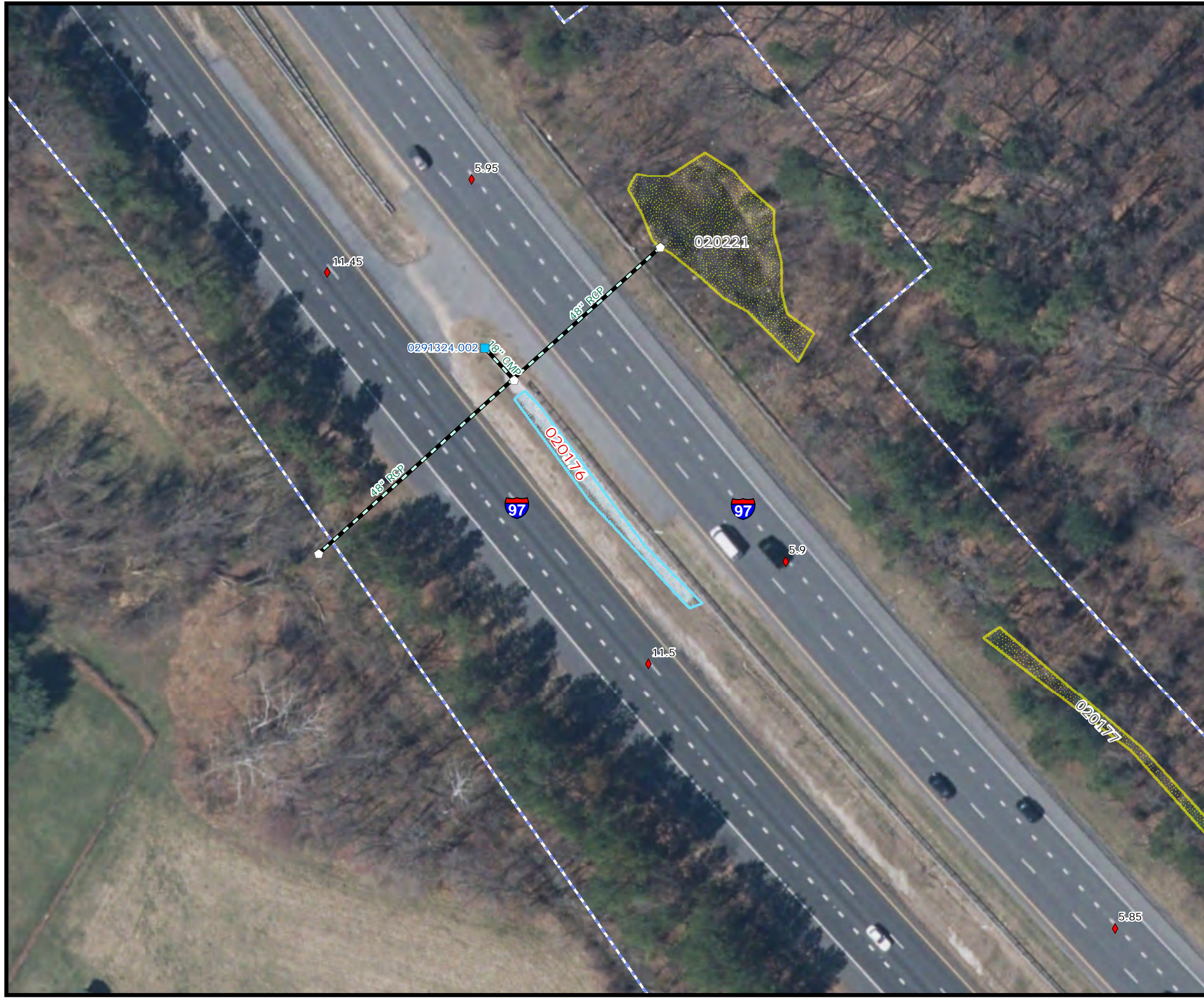
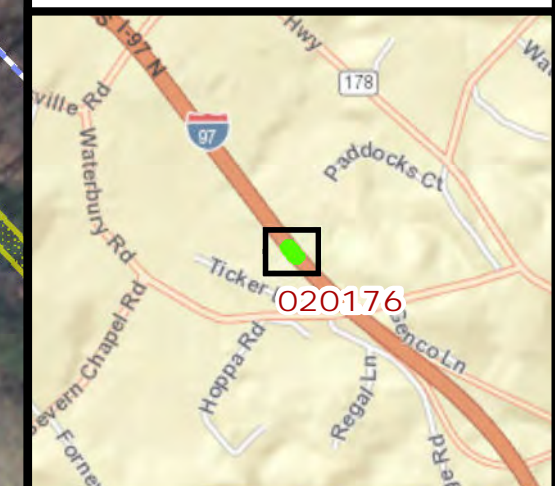
Infiltration trench

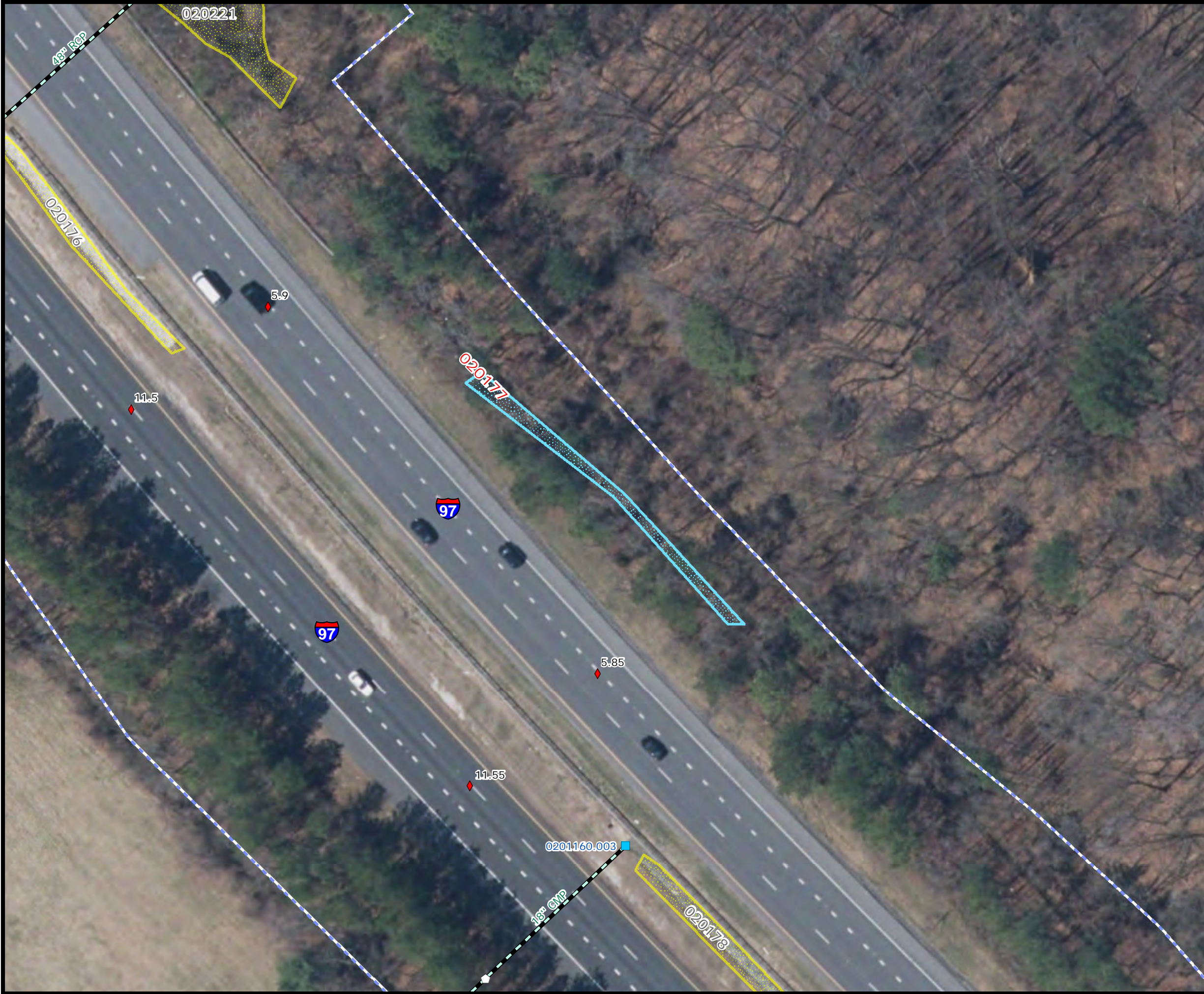


1 inch = 50 feet



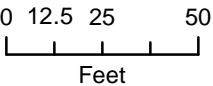
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020177

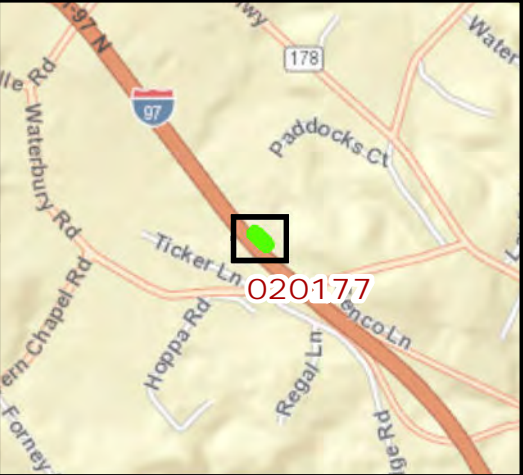
Infiltration trench

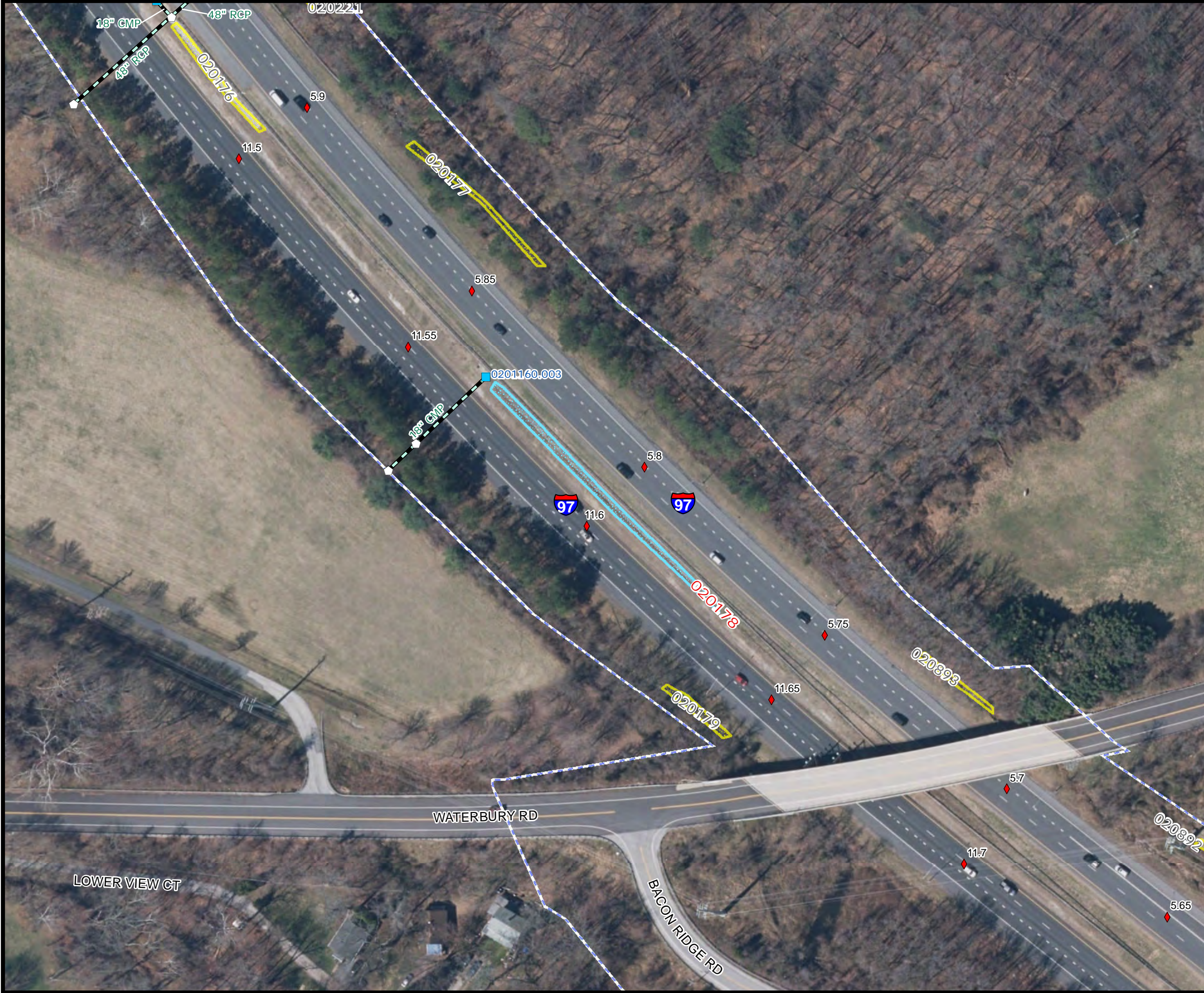


1 inch = 50 feet



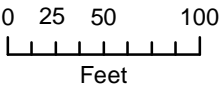
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020178

Infiltration trench

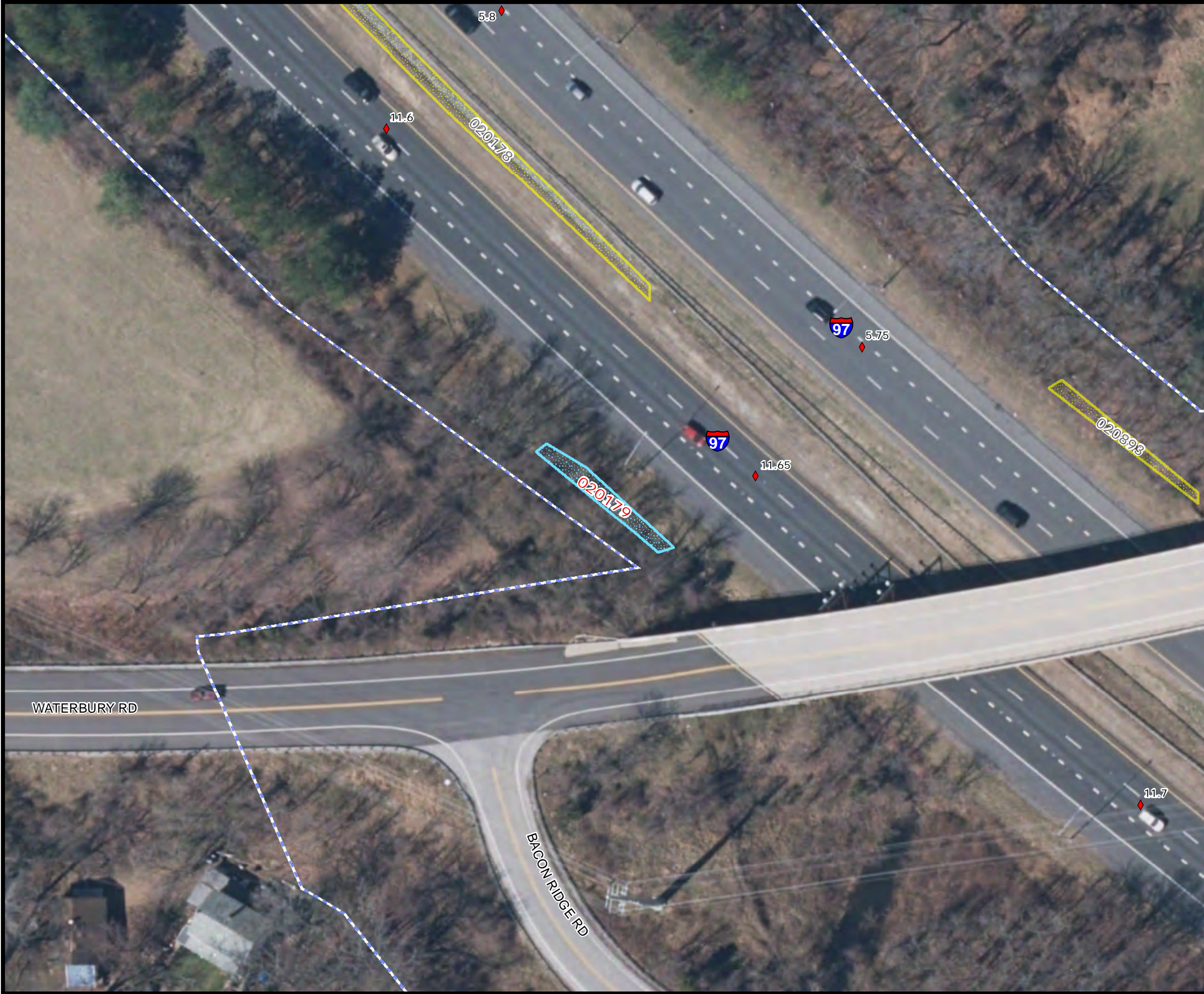


1 inch = 100 feet



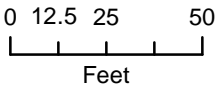
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020179

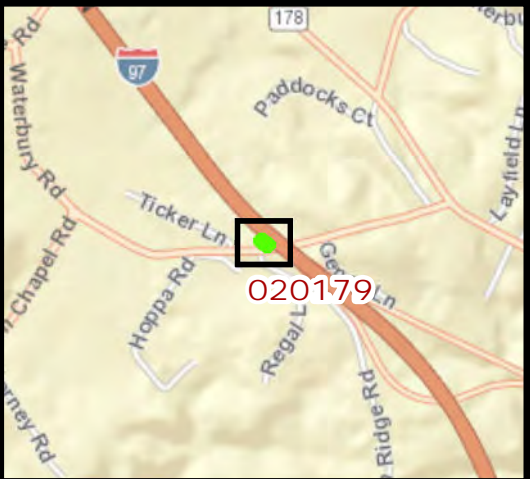
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020182

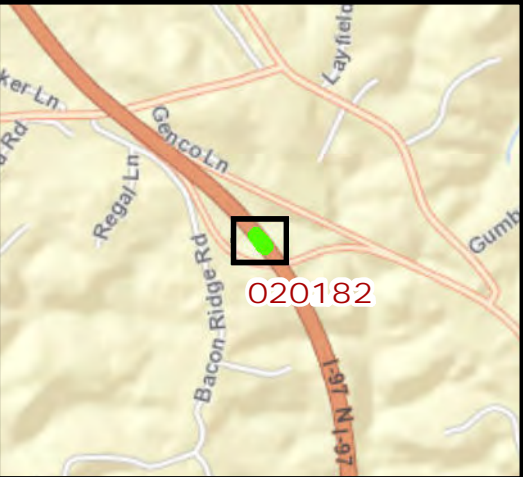
Infiltration trench



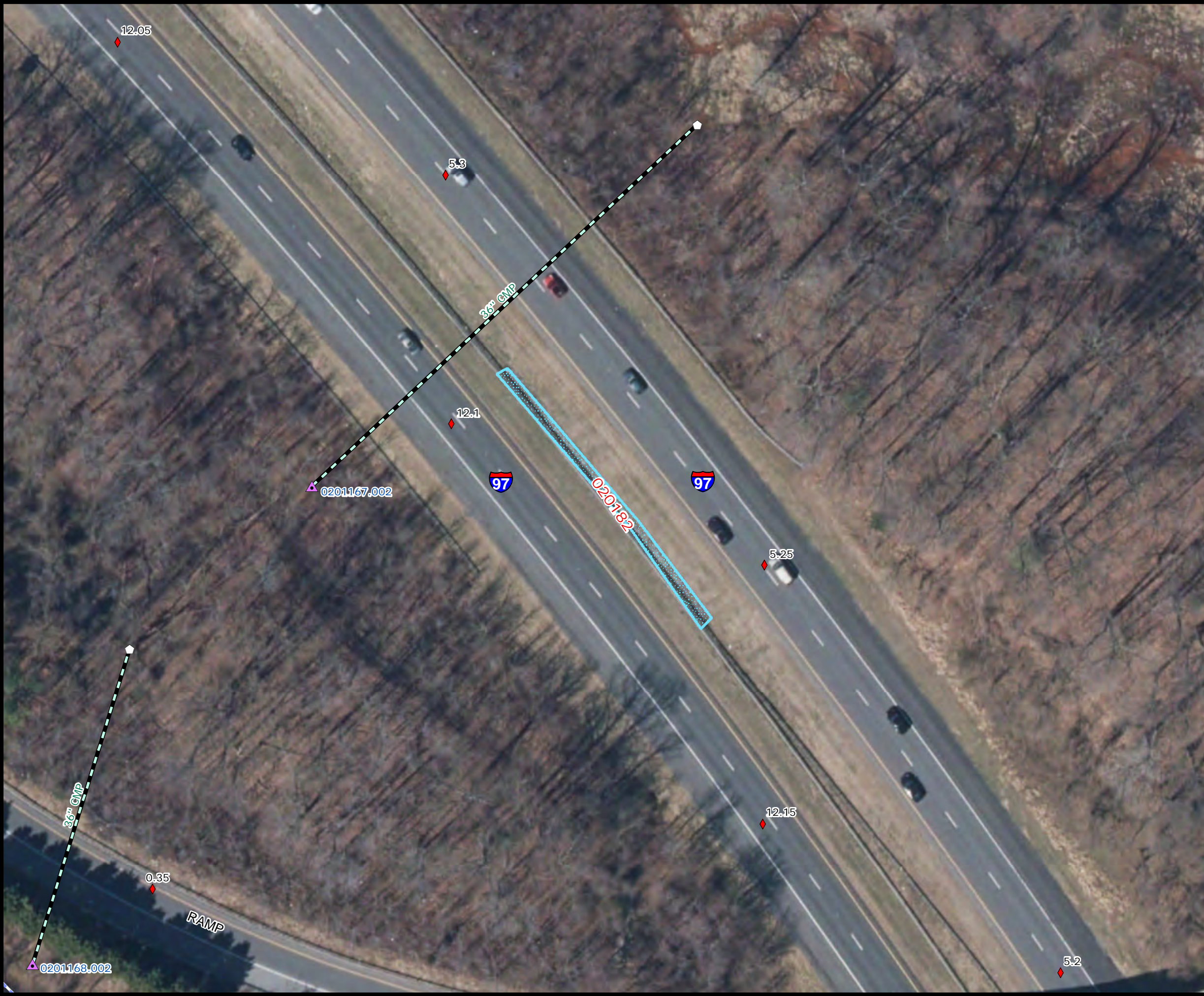
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

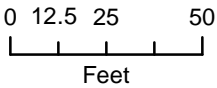


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020184

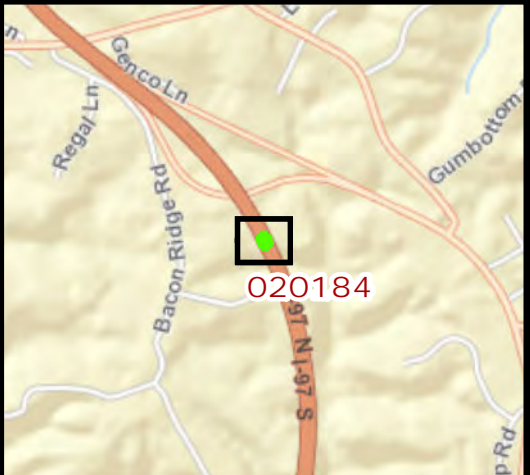
Infiltration trench



1 inch = 50 feet

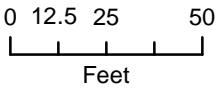


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020185

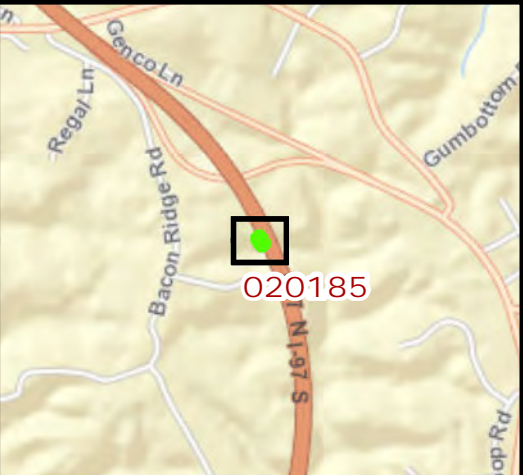
Infiltration trench



1 inch = 50 feet

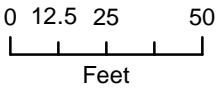


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020186

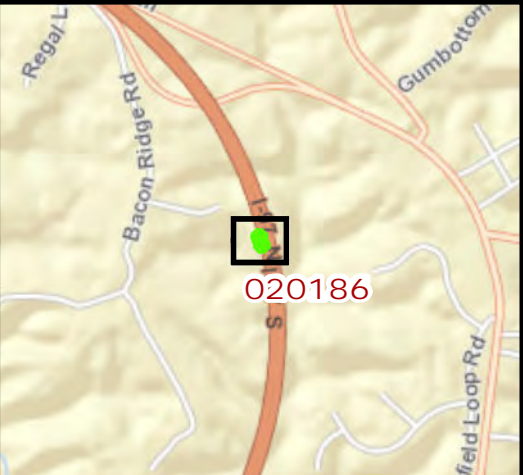
Infiltration trench



1 inch = 50 feet

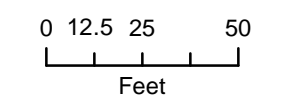


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020187

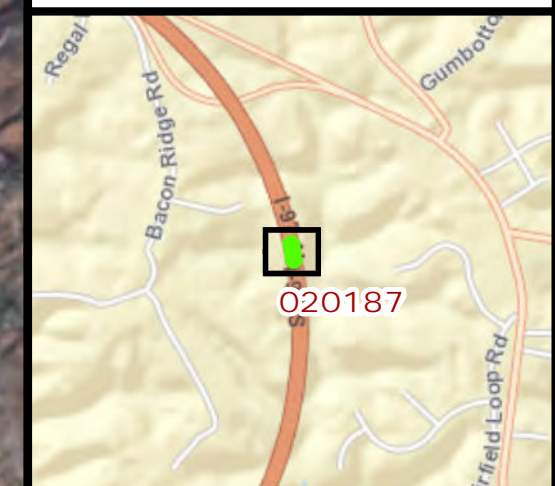
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020213

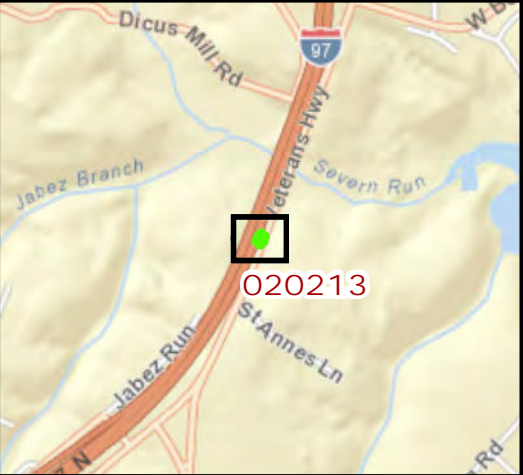
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020214

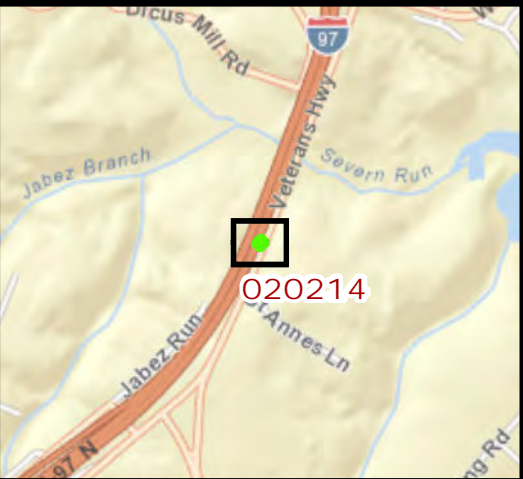
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



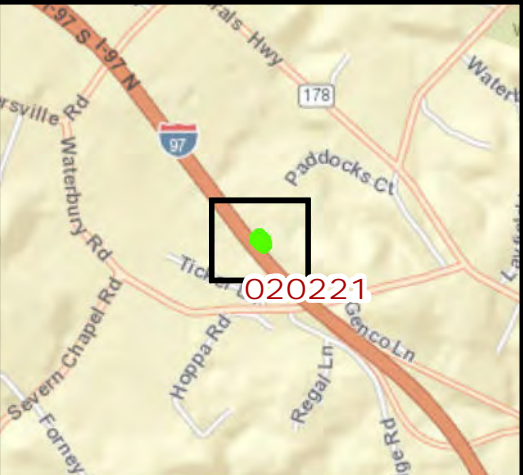
SHA SWM Facility
020221
Dry pond



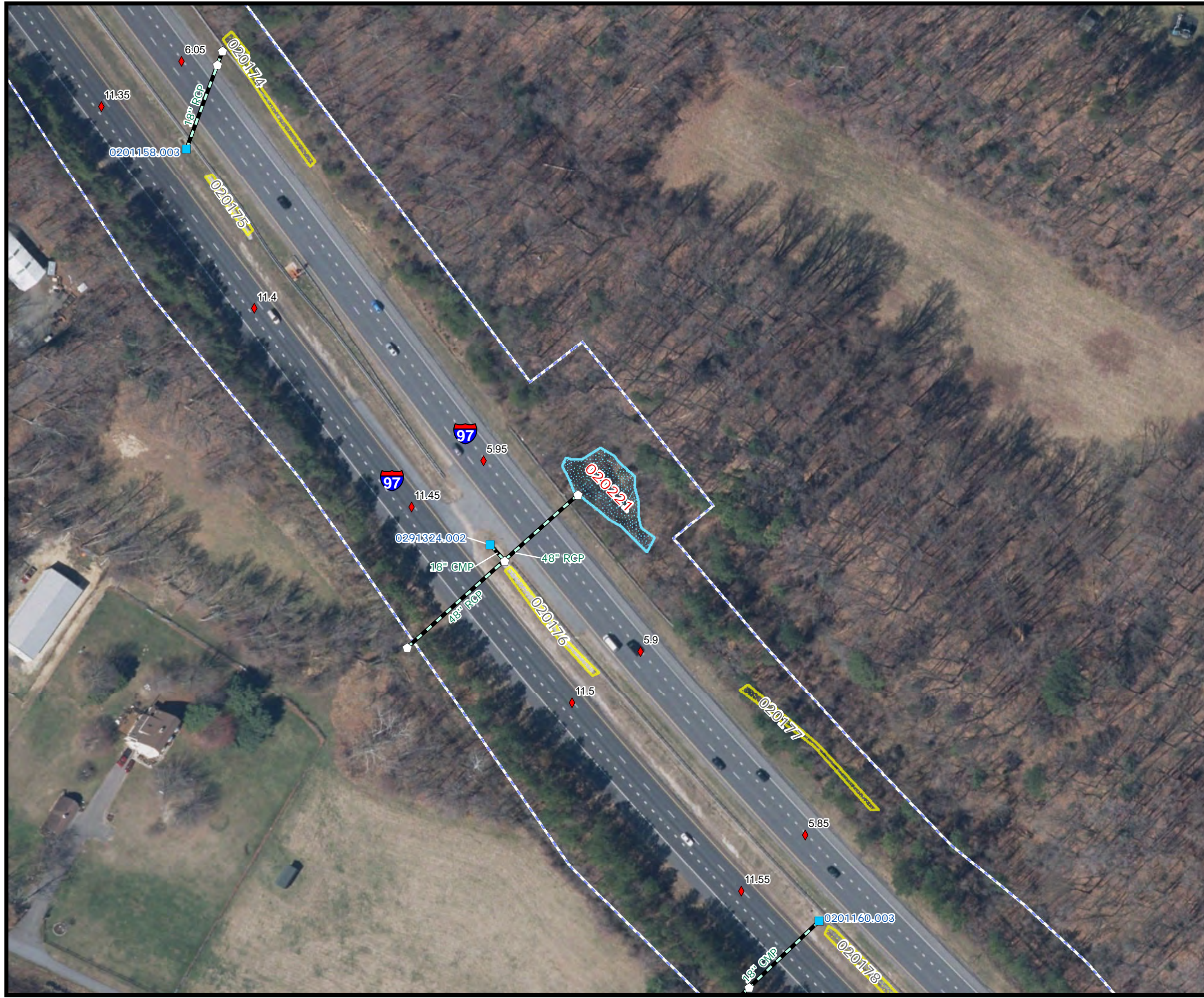
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



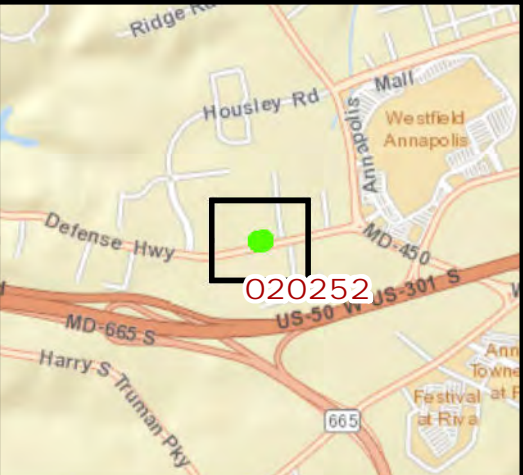
SHA SWM Facility
020252
Dry pond



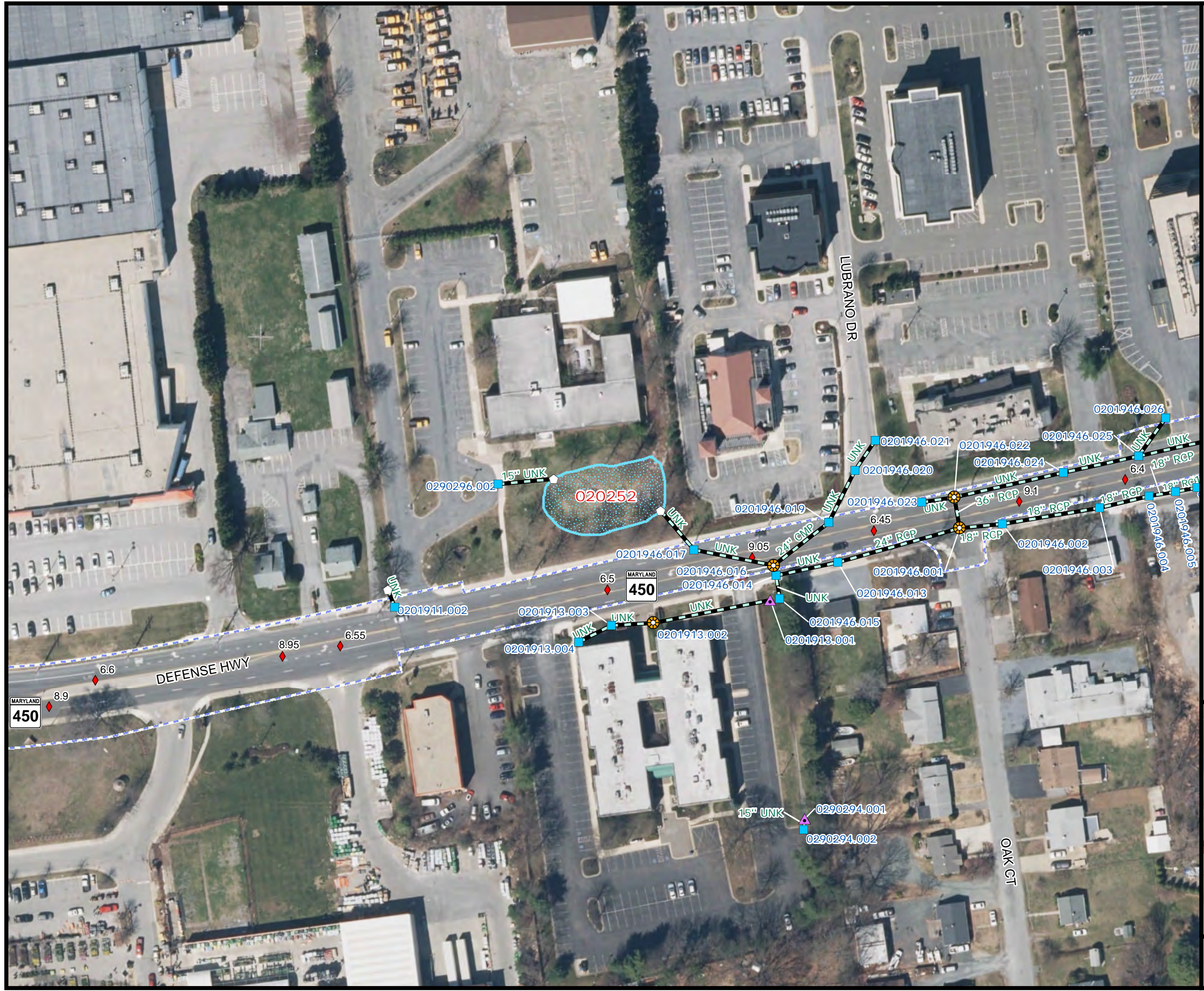
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



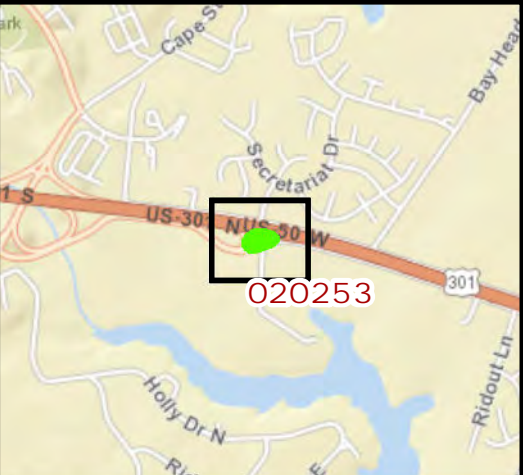
SHA SWM Facility
020253
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

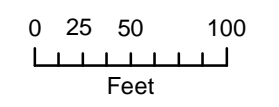


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020254

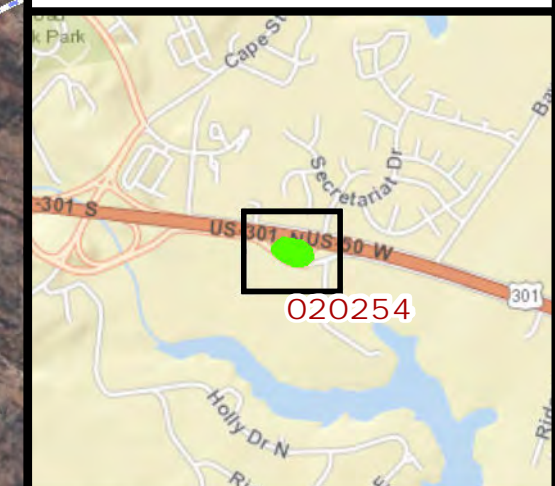
Micropool extended
detention pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020256
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

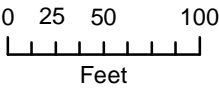


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020257

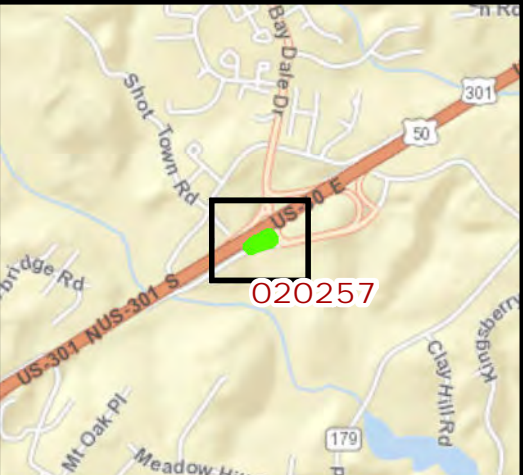
Micropool extended
detention pond



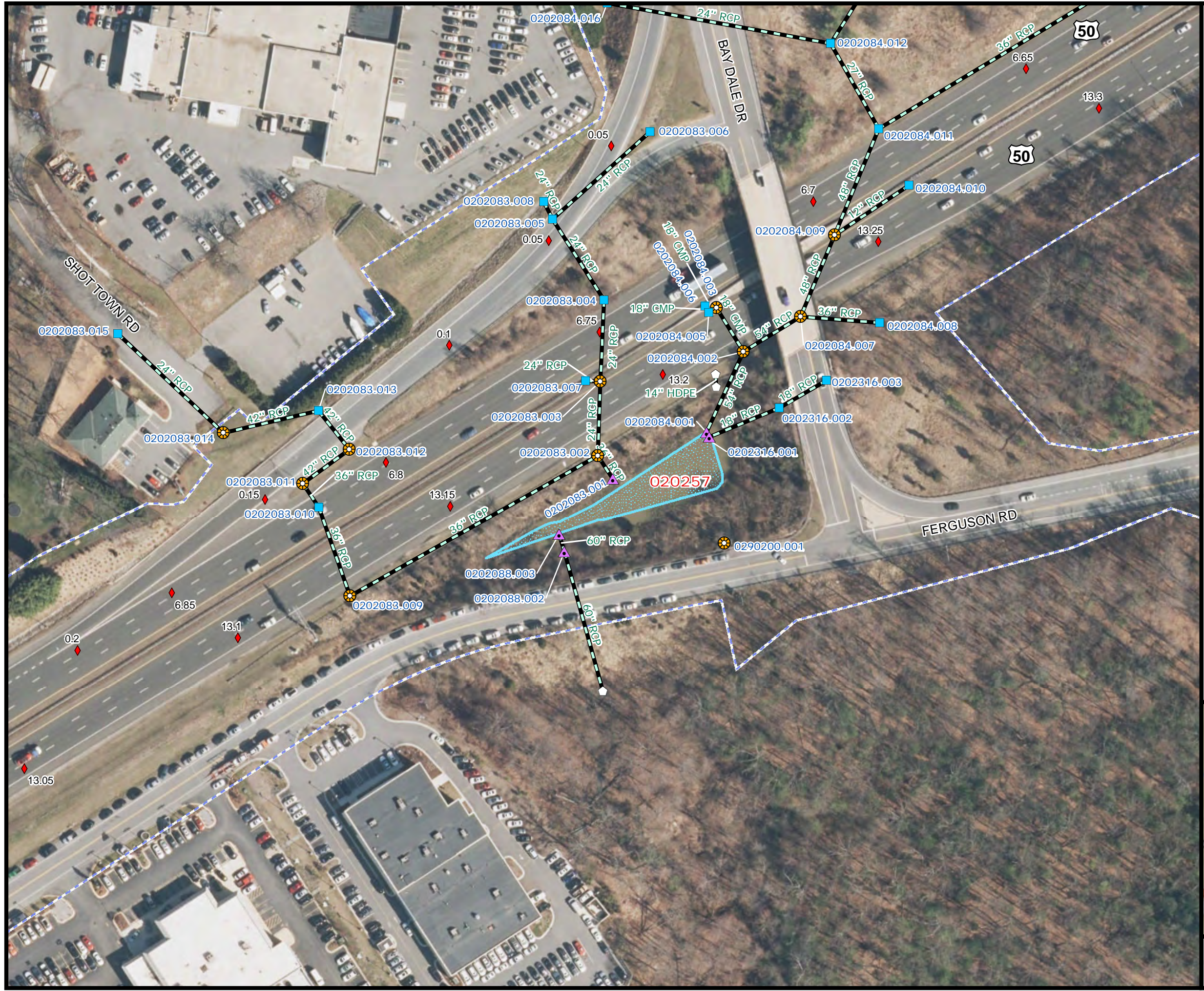
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020258

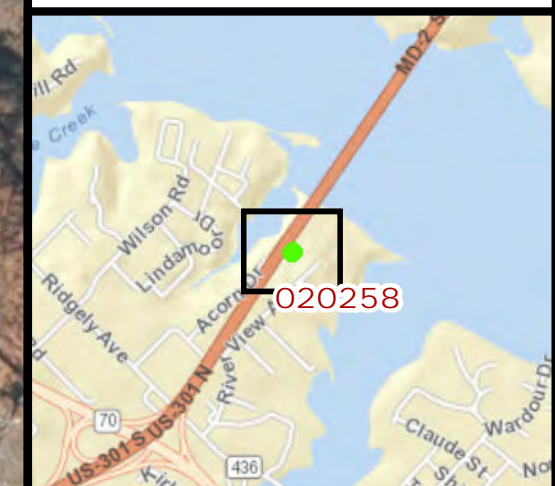
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



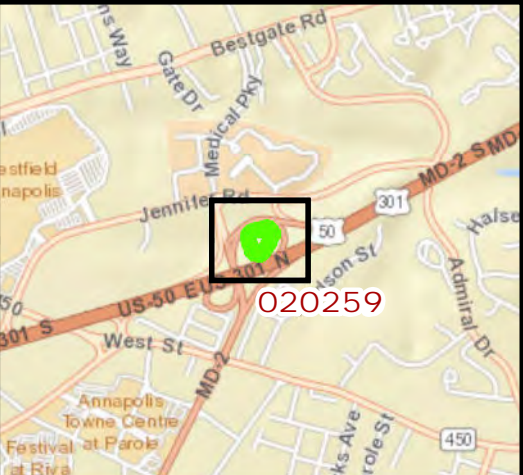
SHA SWM Facility
020259
Wet pond



1 inch = 100 feet



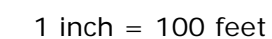
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary













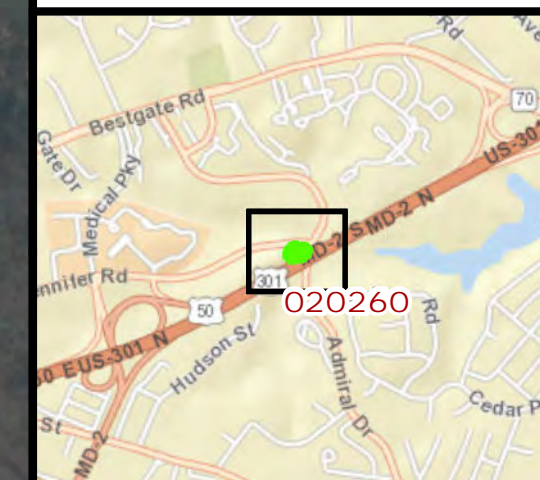
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



Infiltration basin



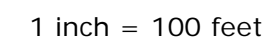
-  Manhole
-  Inlet
-  End/Headwall
-  Other Structure
-  Pipe
-  Milepoint
-  Facility Footprint
-  Nearby Facilities
-  Approx SHA Right-of-Way
-  Shop Boundary



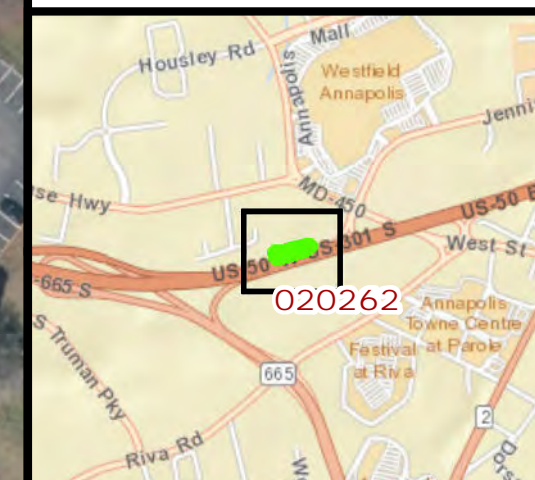
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



Wet pond

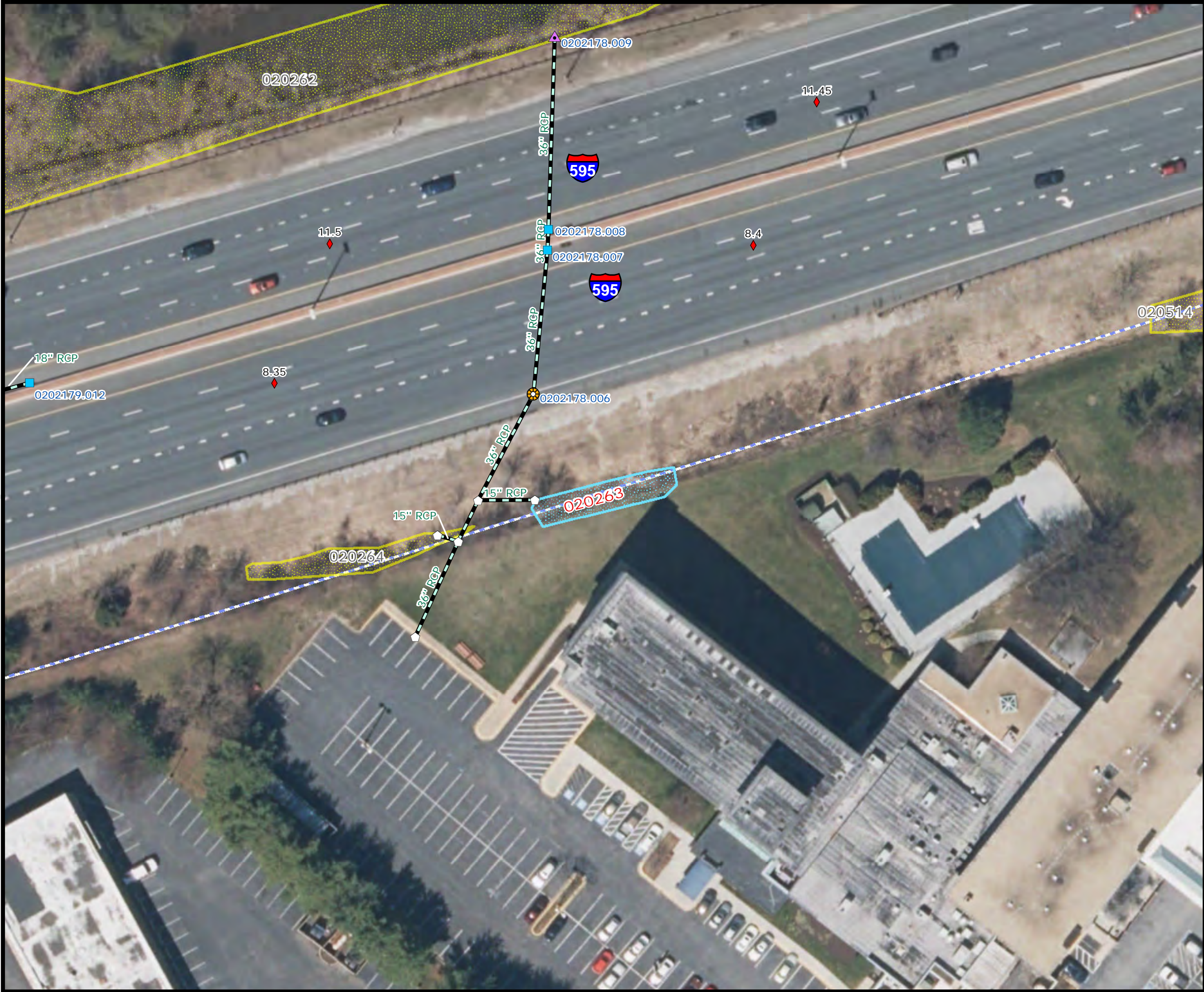


- 
- SHA** **hhc**
Highway Hydraulics Division



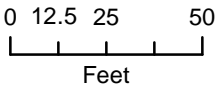
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020263

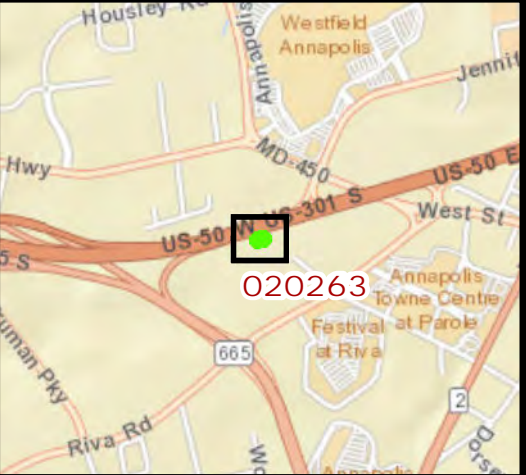
Infiltration basin

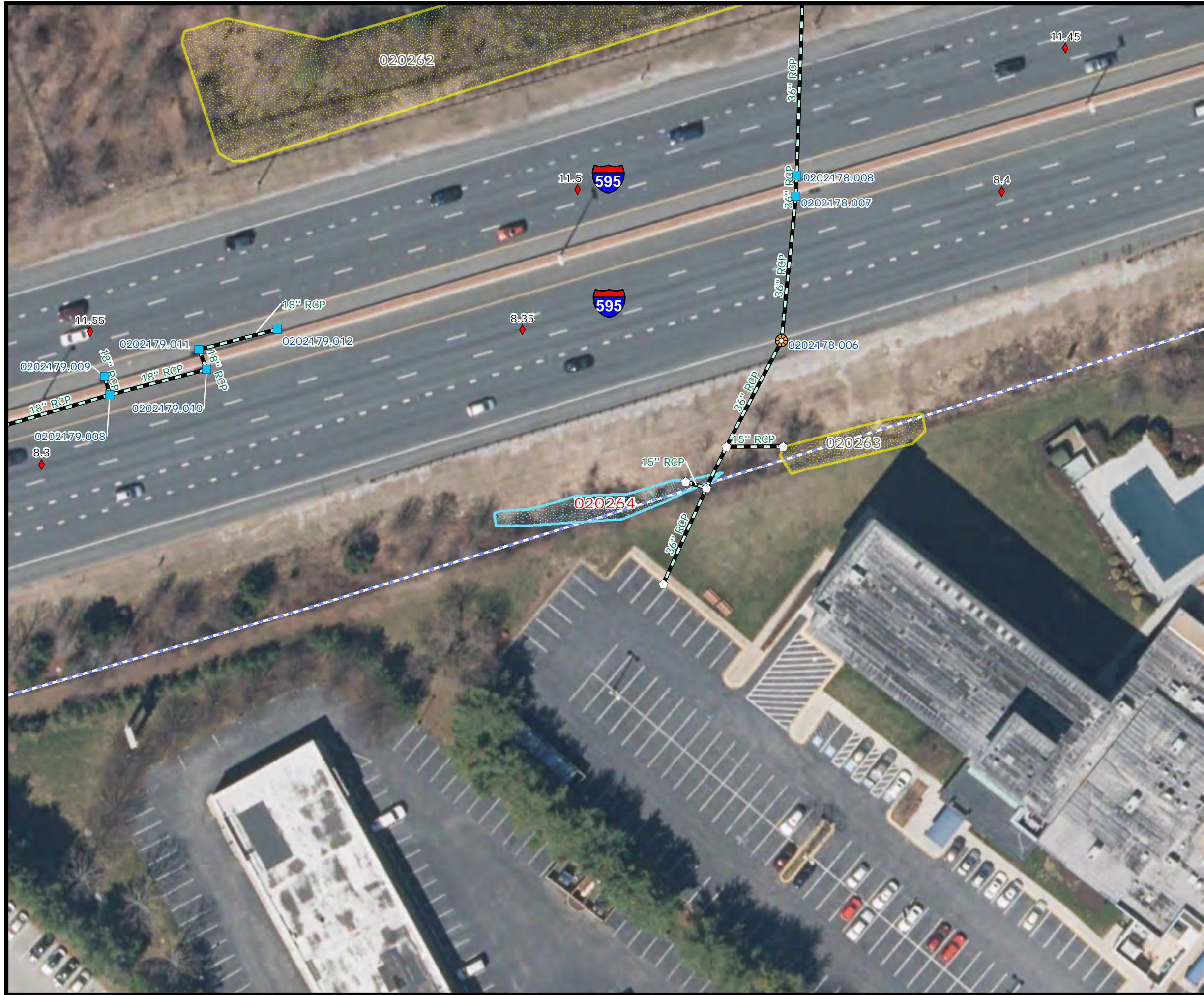


1 inch = 50 feet

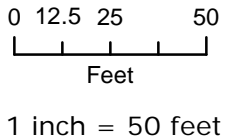


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

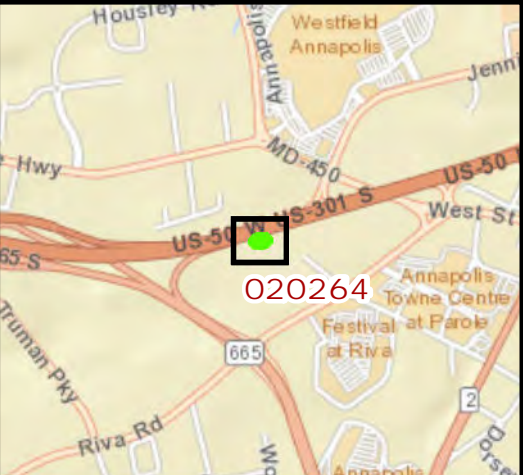




SHA SWM Facility
020264
Infiltration basin



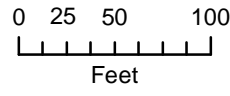
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020265

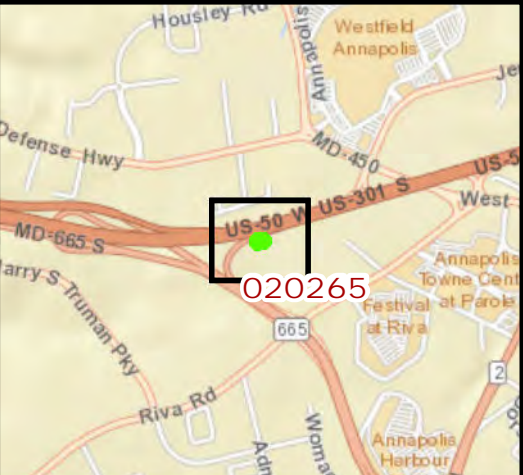
Infiltration basin



1 inch = 100 feet



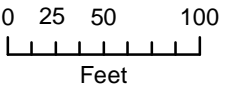
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020268

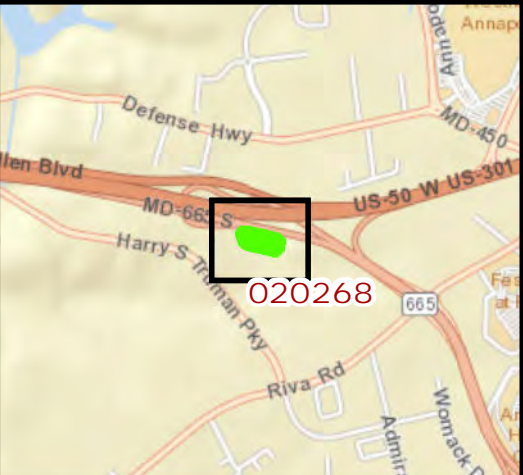
Infiltration basin



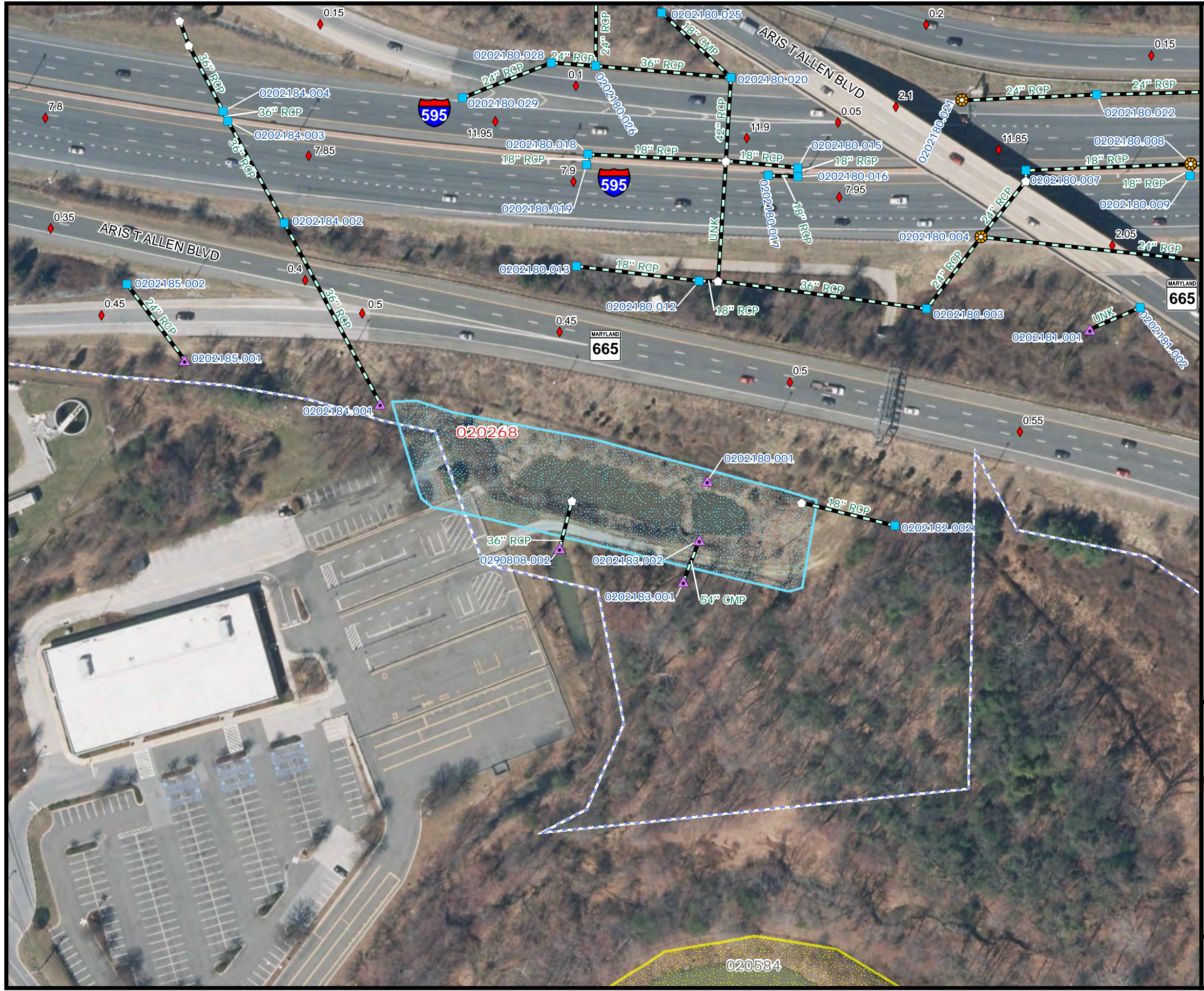
1 inch = 100 feet

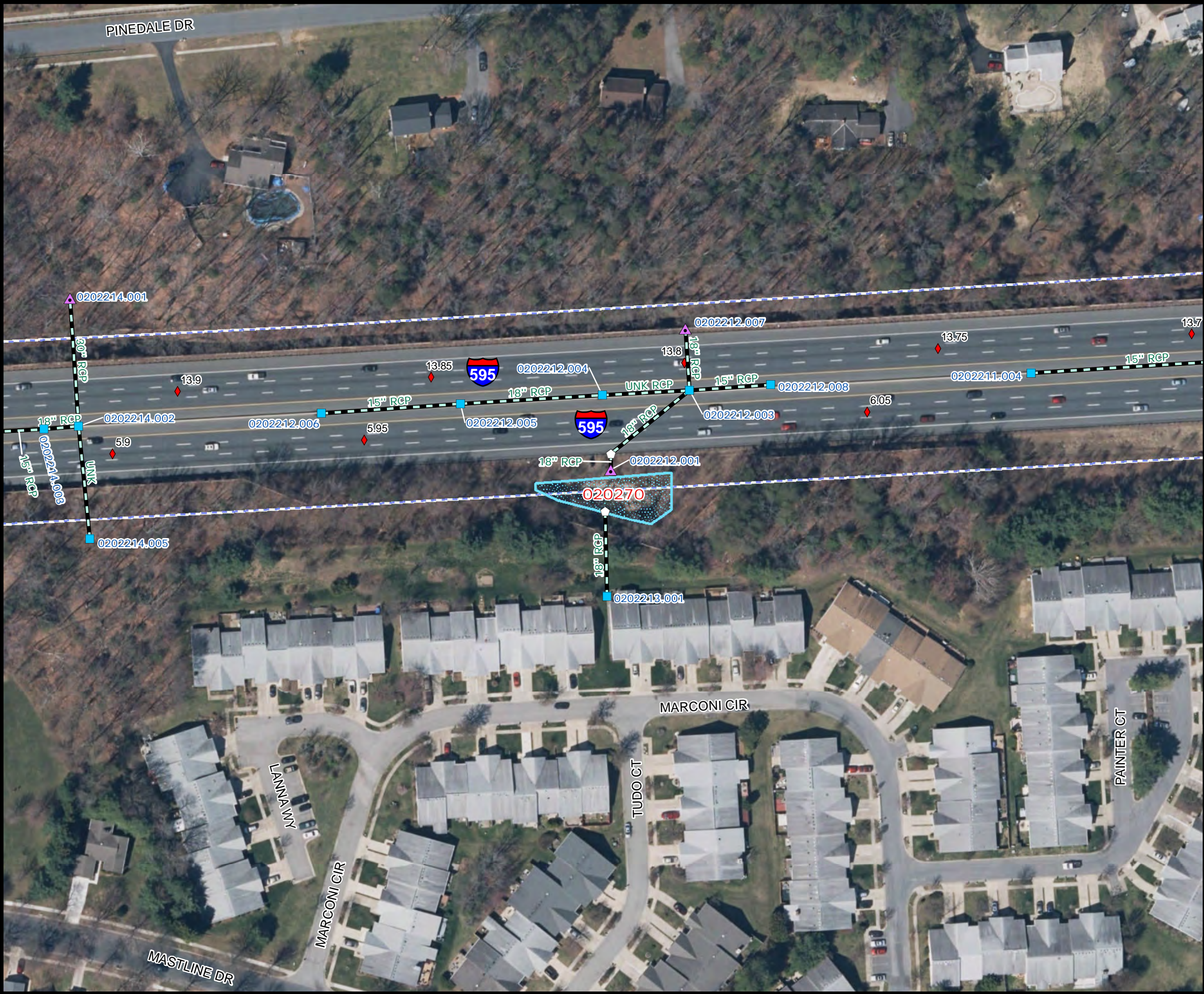


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

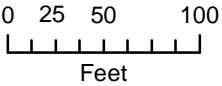


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





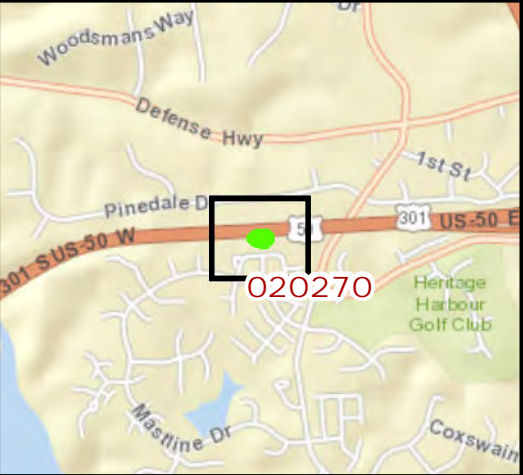
SHA SWM Facility
020270
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020271

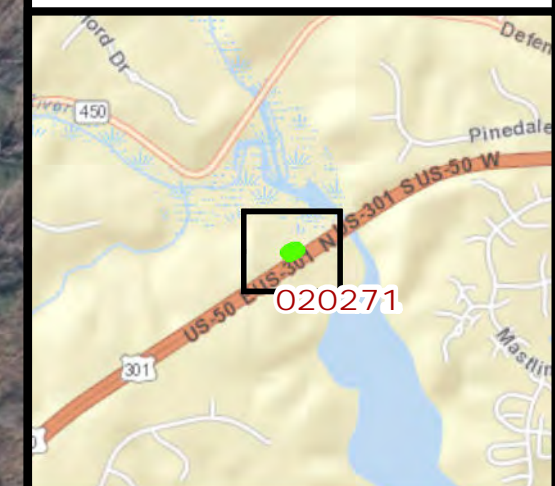
Dry pond



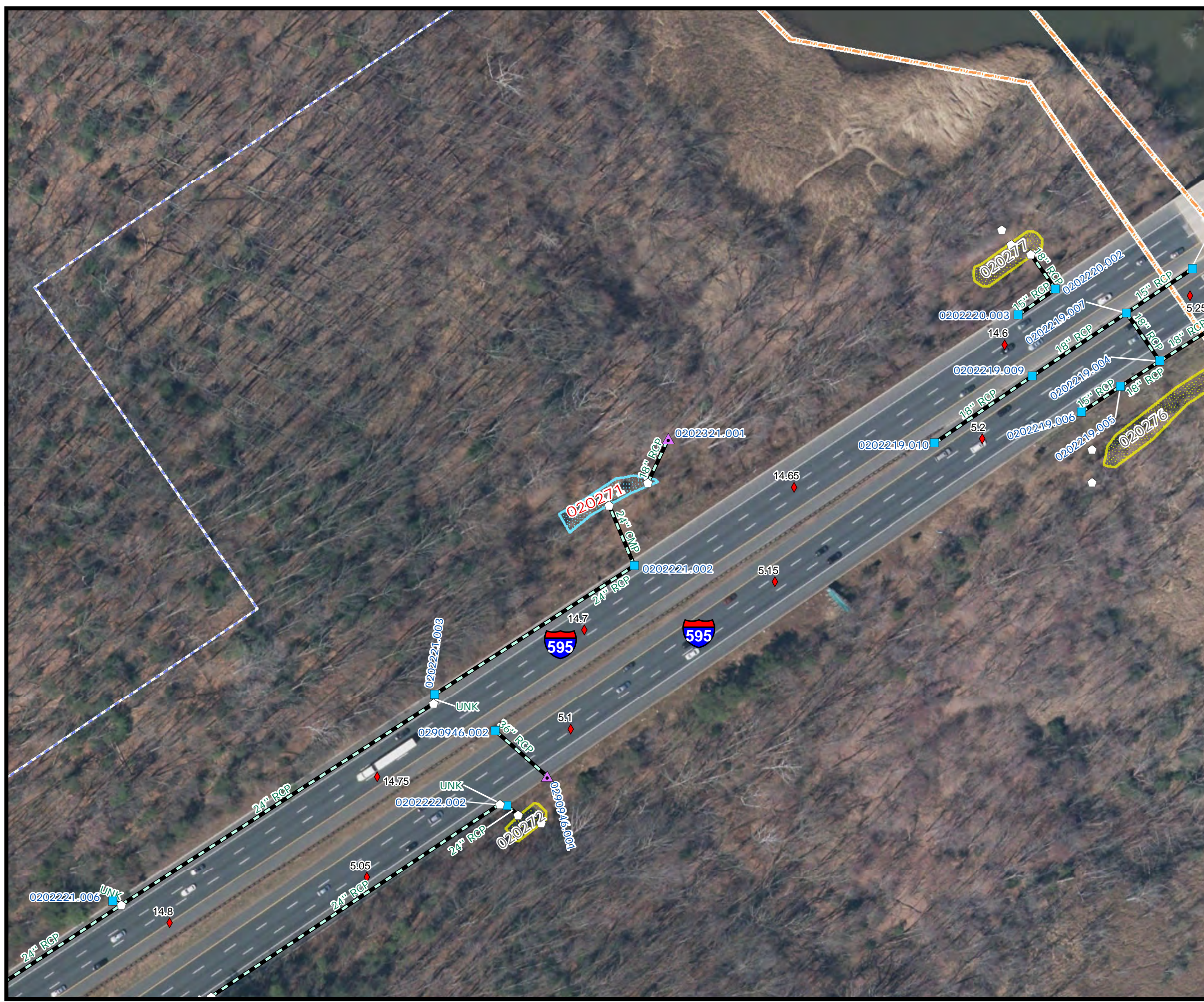
1 inch = 100 feet

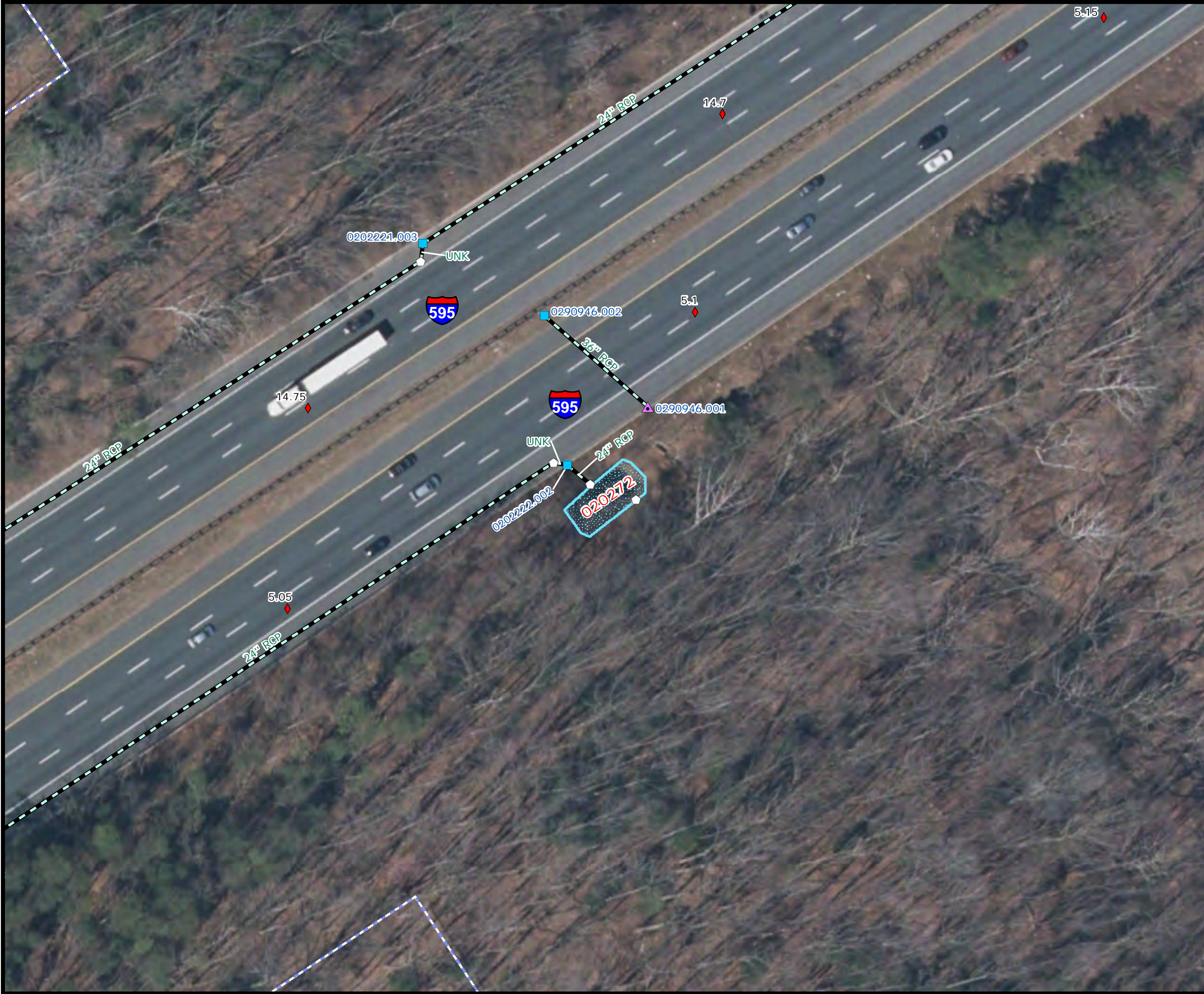


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

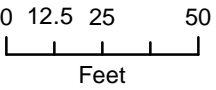


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





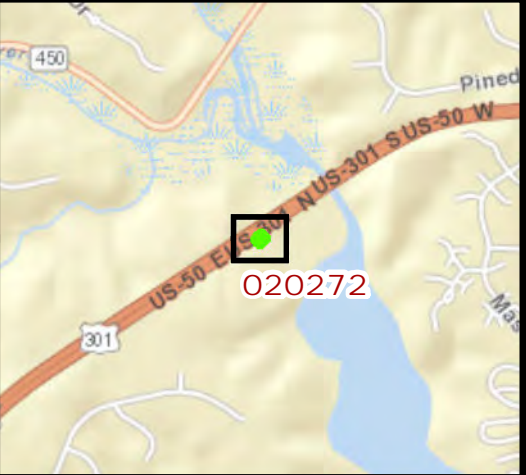
SHA SWM Facility
020272
Dry pond



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020273
Dry pond



1 inch = 100 feet



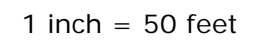
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary













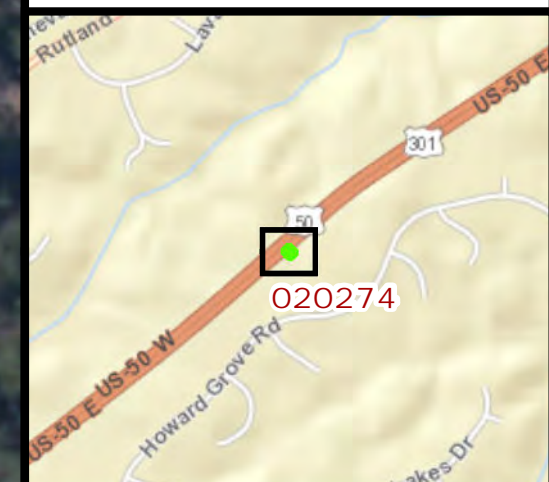
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



Infiltration basin



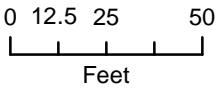
- | | |
|---|-------------------------|
|  | Manhole |
|  | Inlet |
|  | End/Headwall |
|  | Other Structure |
|  | Pipe |
|  | Milepoint |
|  | Facility Footprint |
|  | Nearby Facilities |
|  | Approx SHA Right-of-Way |
|  | Shop Boundary |



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



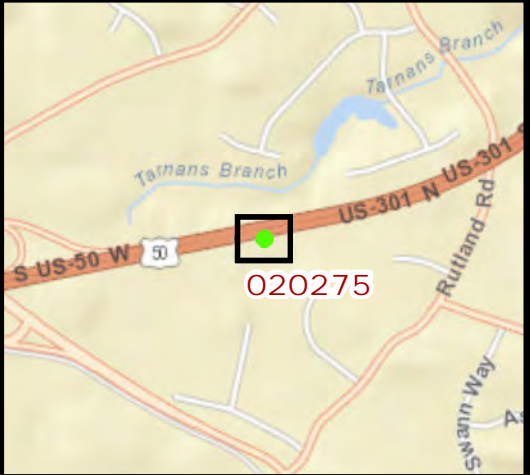
SHA SWM Facility
020275
Wet pond



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



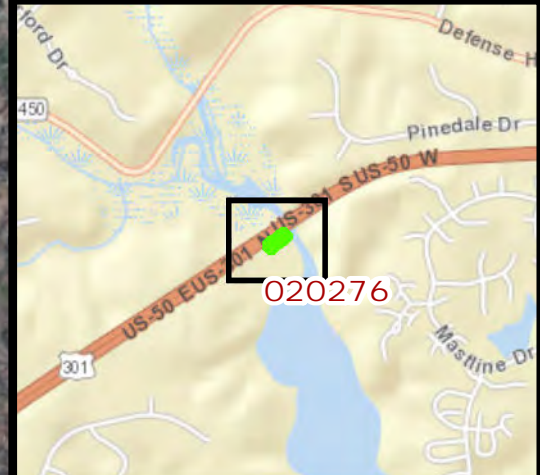
SHA SWM Facility
020276
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020277

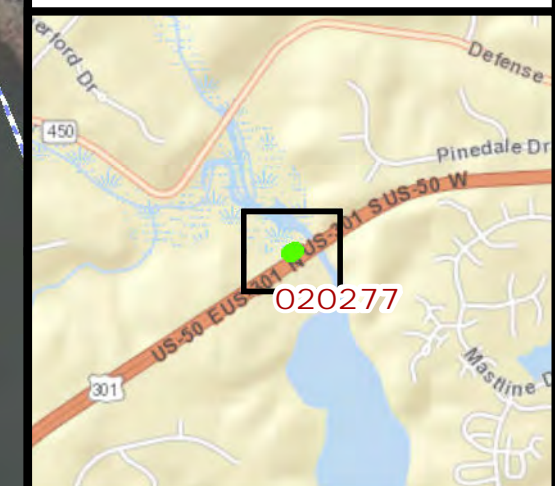
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020279

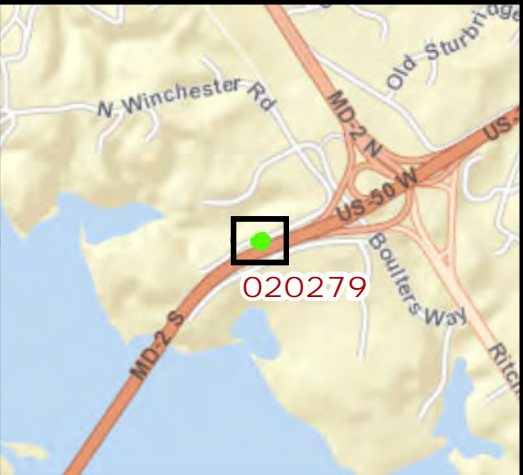
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020280

Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

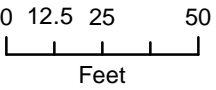


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020281

Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

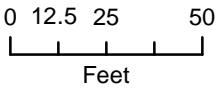


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020282

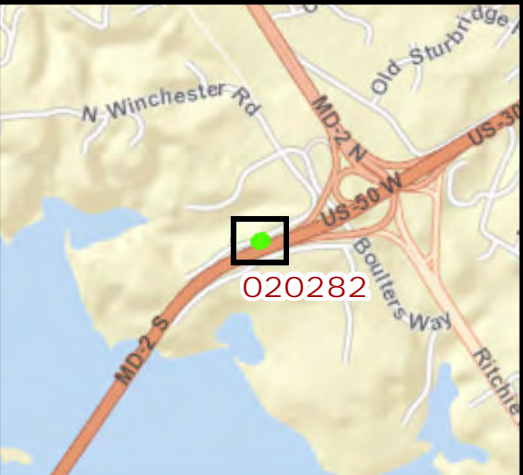
Infiltration trench



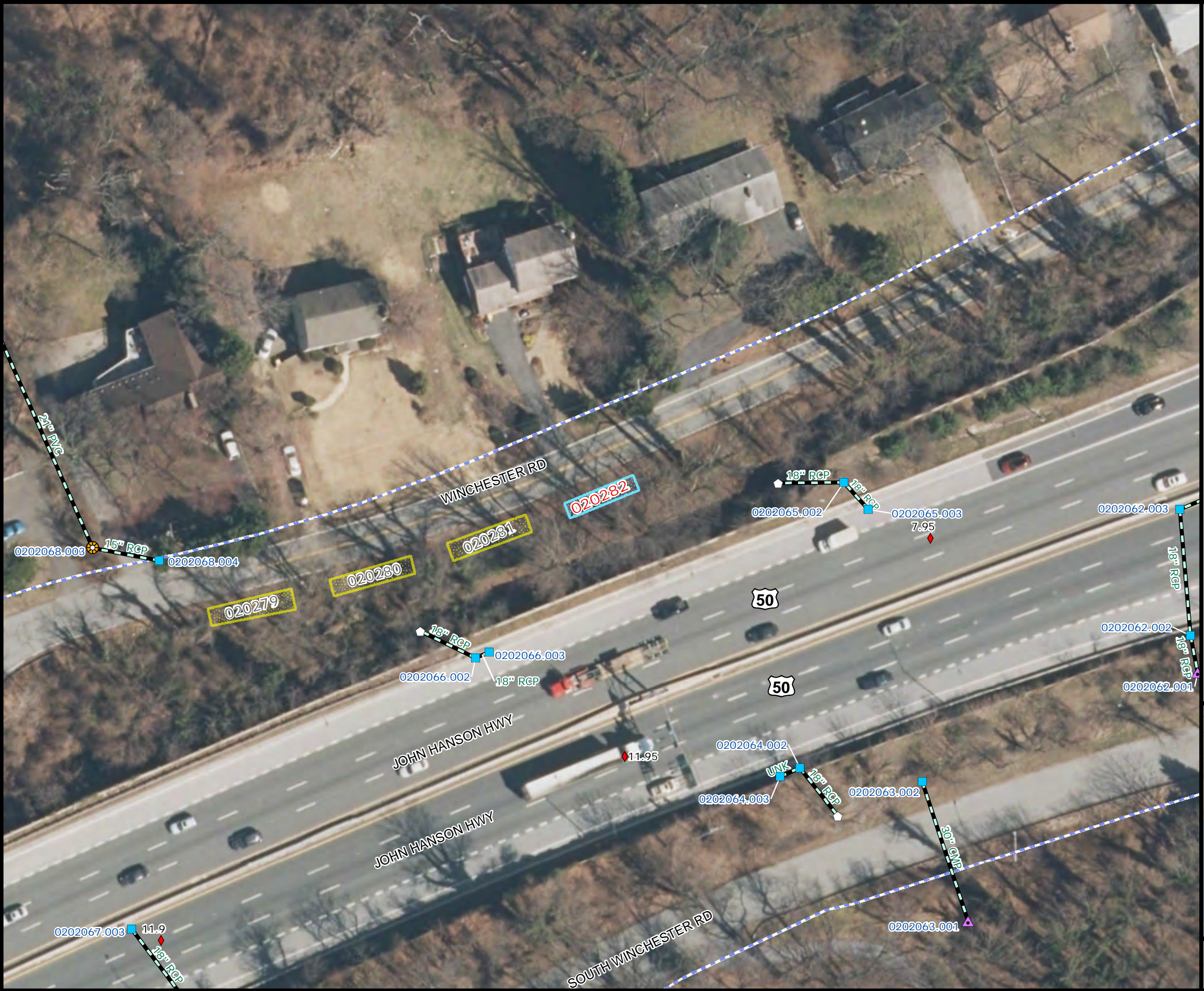
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



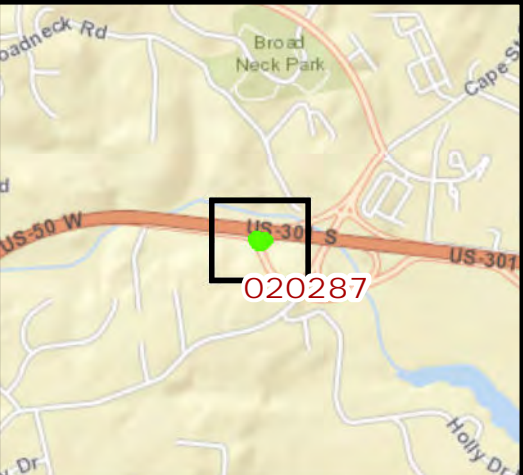
SHA SWM Facility
020287
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



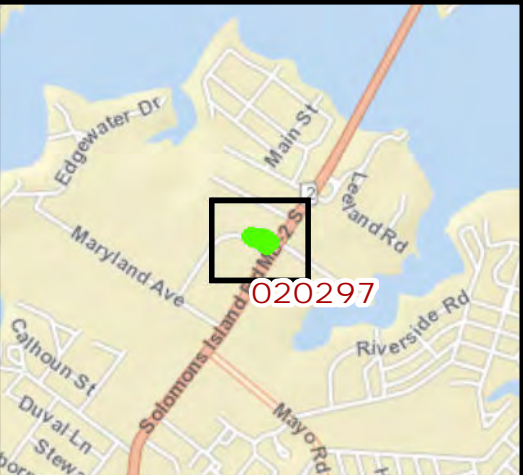
SHA SWM Facility
020297
Wet pond



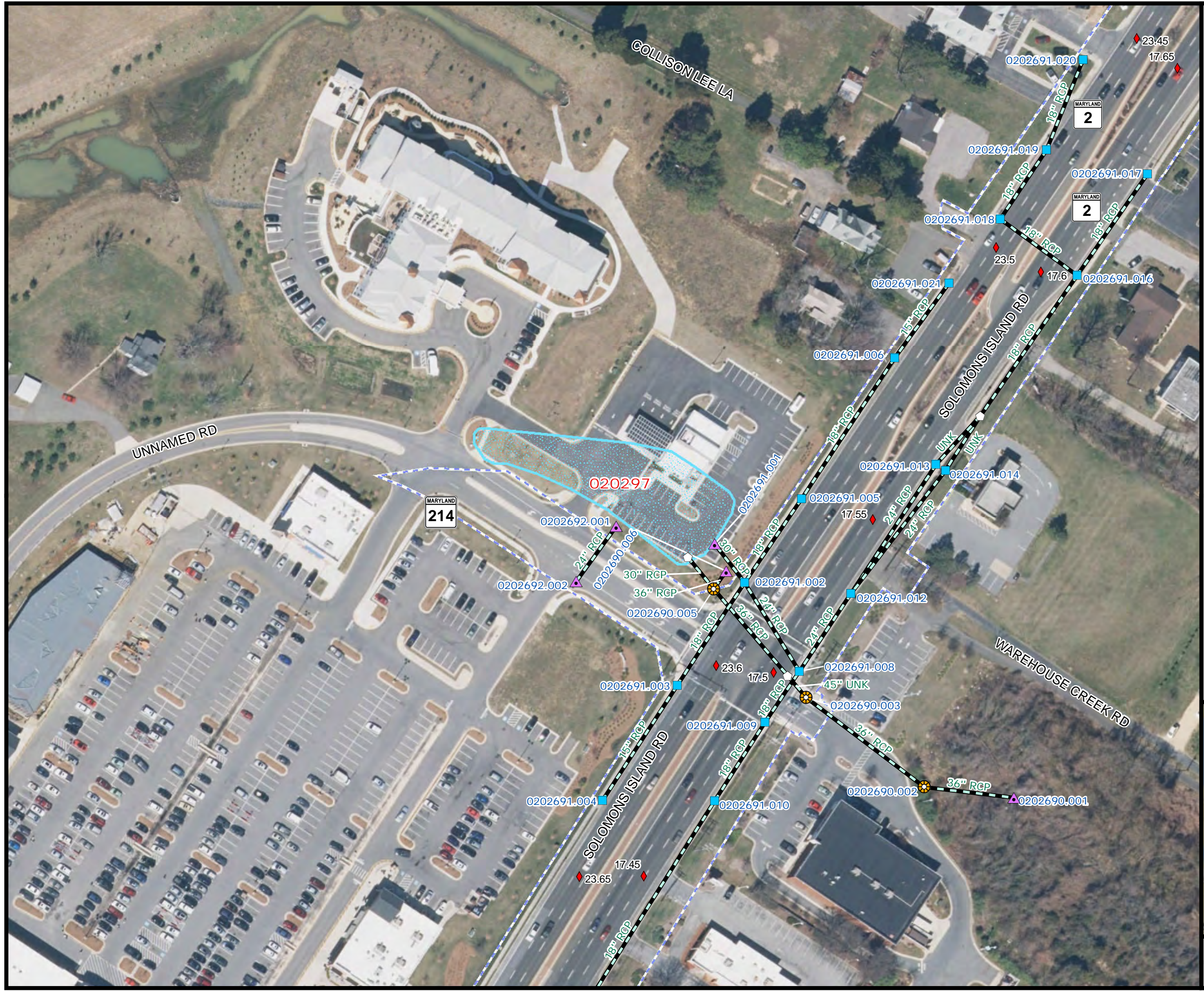
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



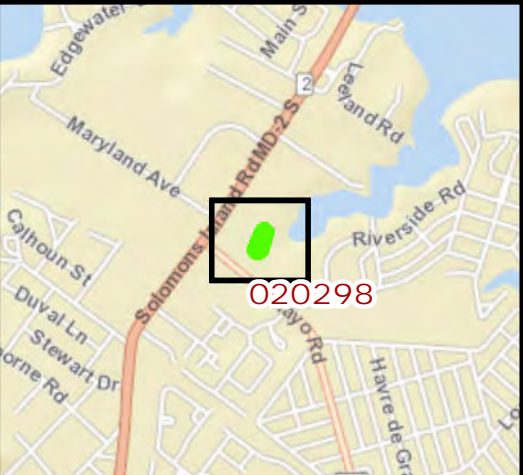
SHA SWM Facility
020298
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

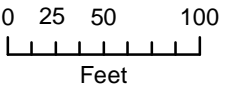


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020299

Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

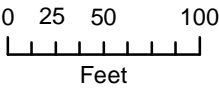


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020301

Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



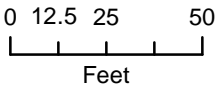
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020304

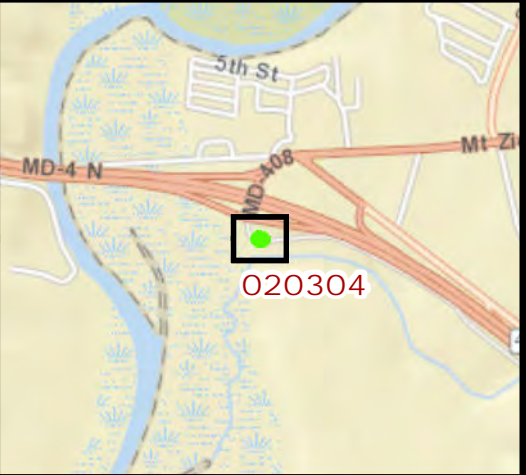
Infiltration trench



1 inch = 50 feet



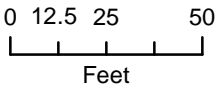
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020305

Infiltration trench



1 inch = 50 feet



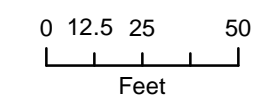
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020306

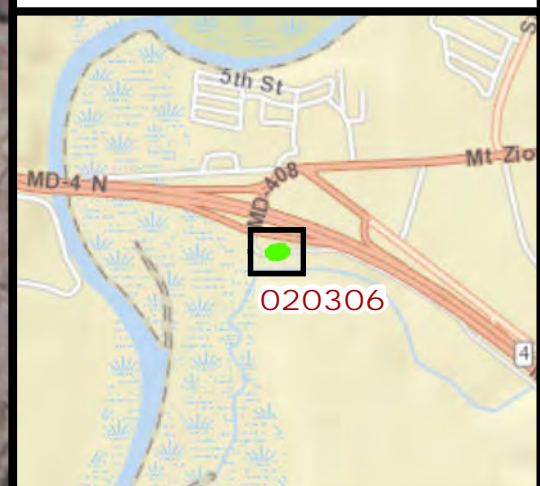
Infiltration trench



1 inch = 50 feet

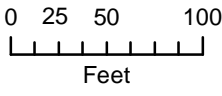


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020307

Infiltration trench

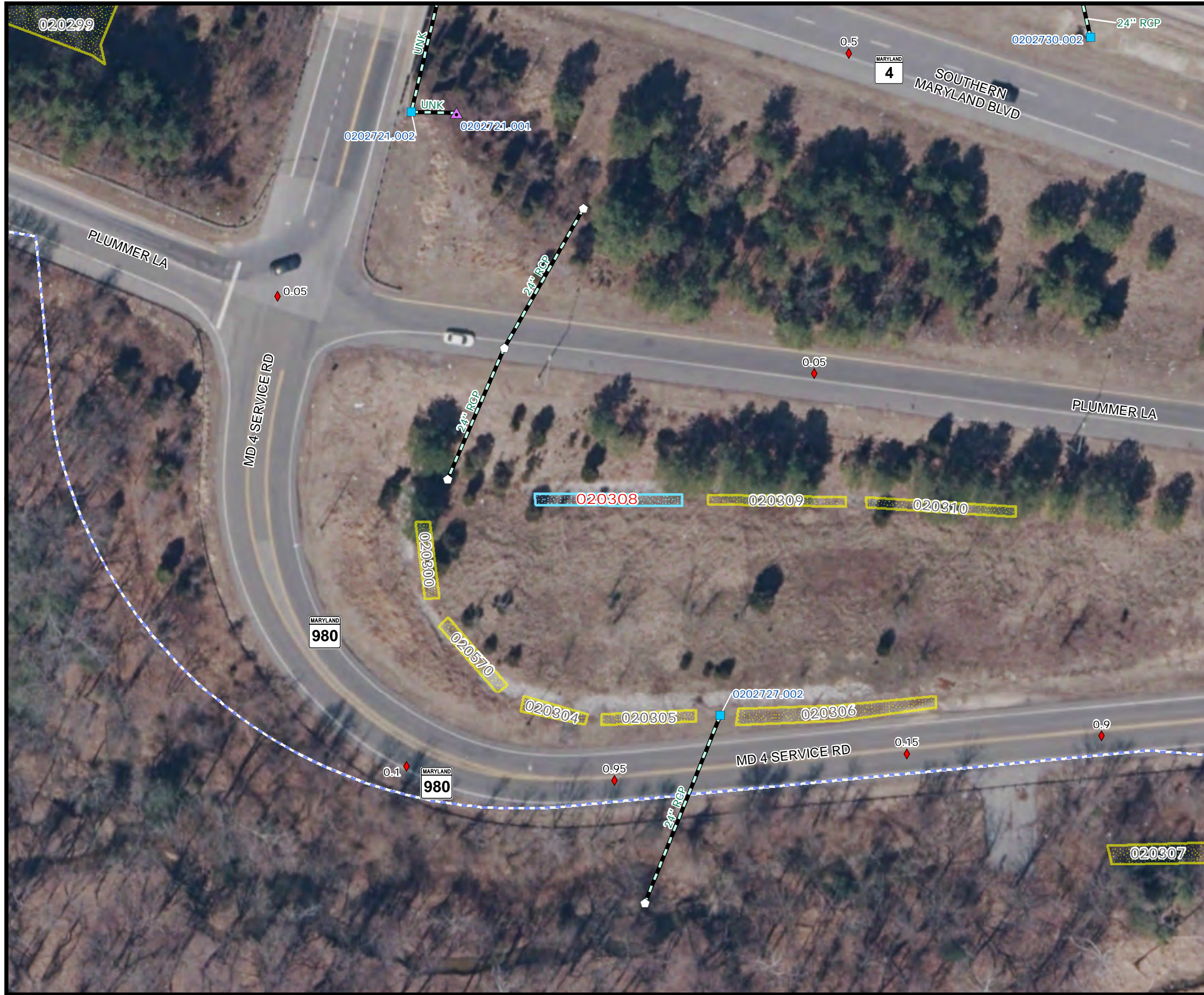


1 inch = 100 feet



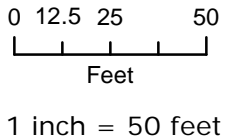
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020308

Infiltration trench



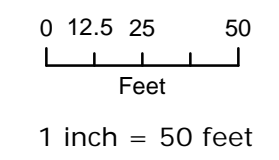
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020309

Infiltration trench



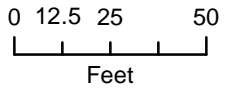
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020310

Infiltration trench



1 inch = 50 feet

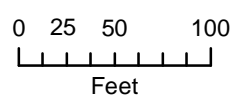


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020311

Infiltration basin



1 inch = 100 feet

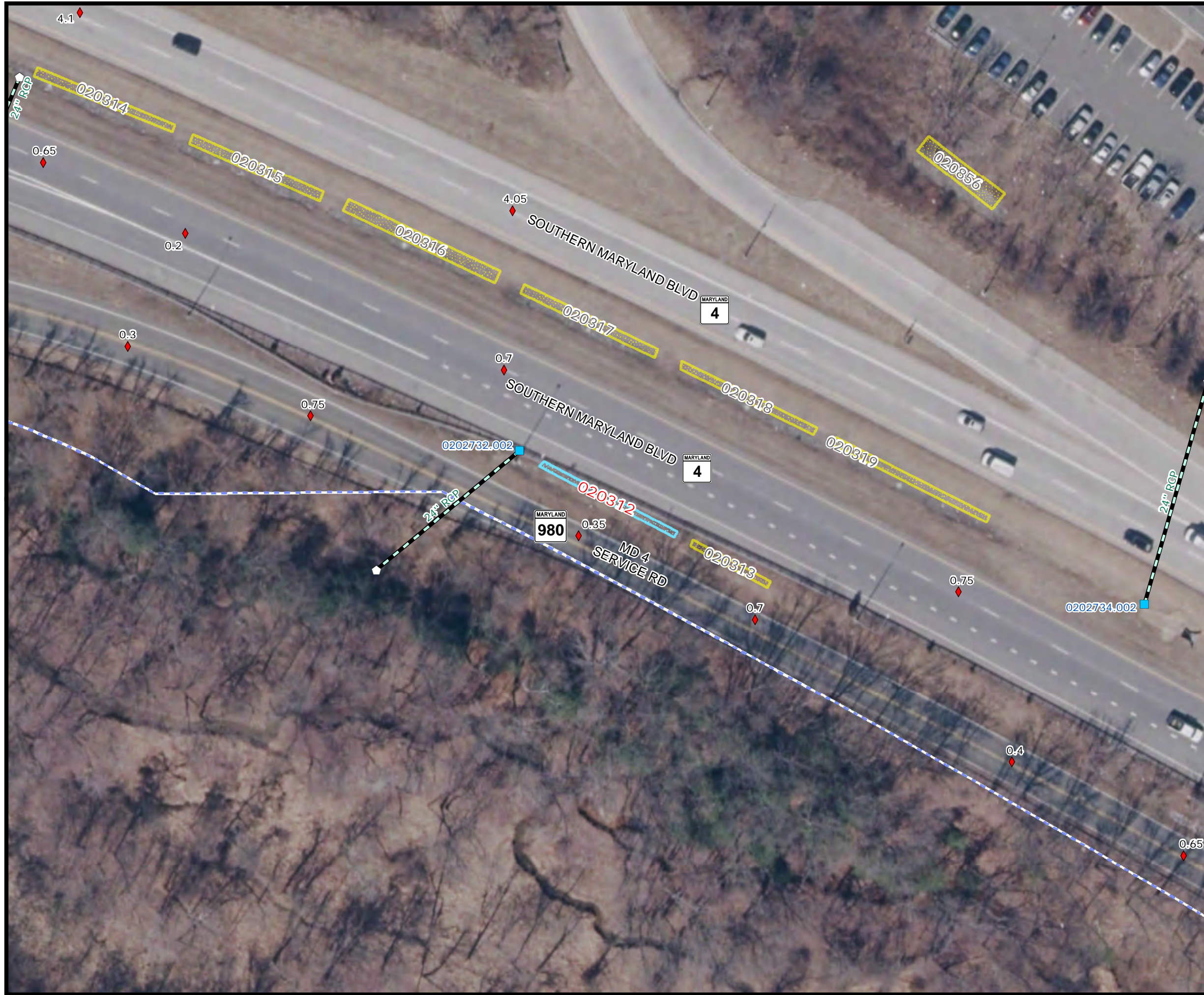


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



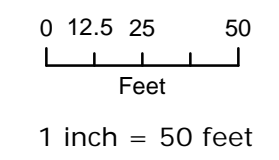
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



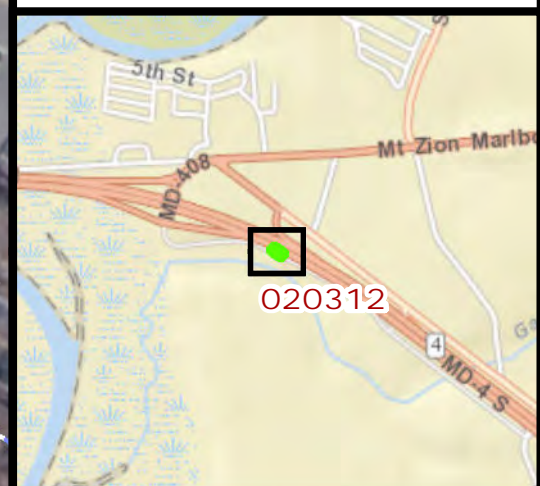


SHA SWM Facility 020312

Infiltration trench

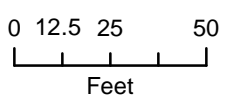


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020313

Infiltration trench



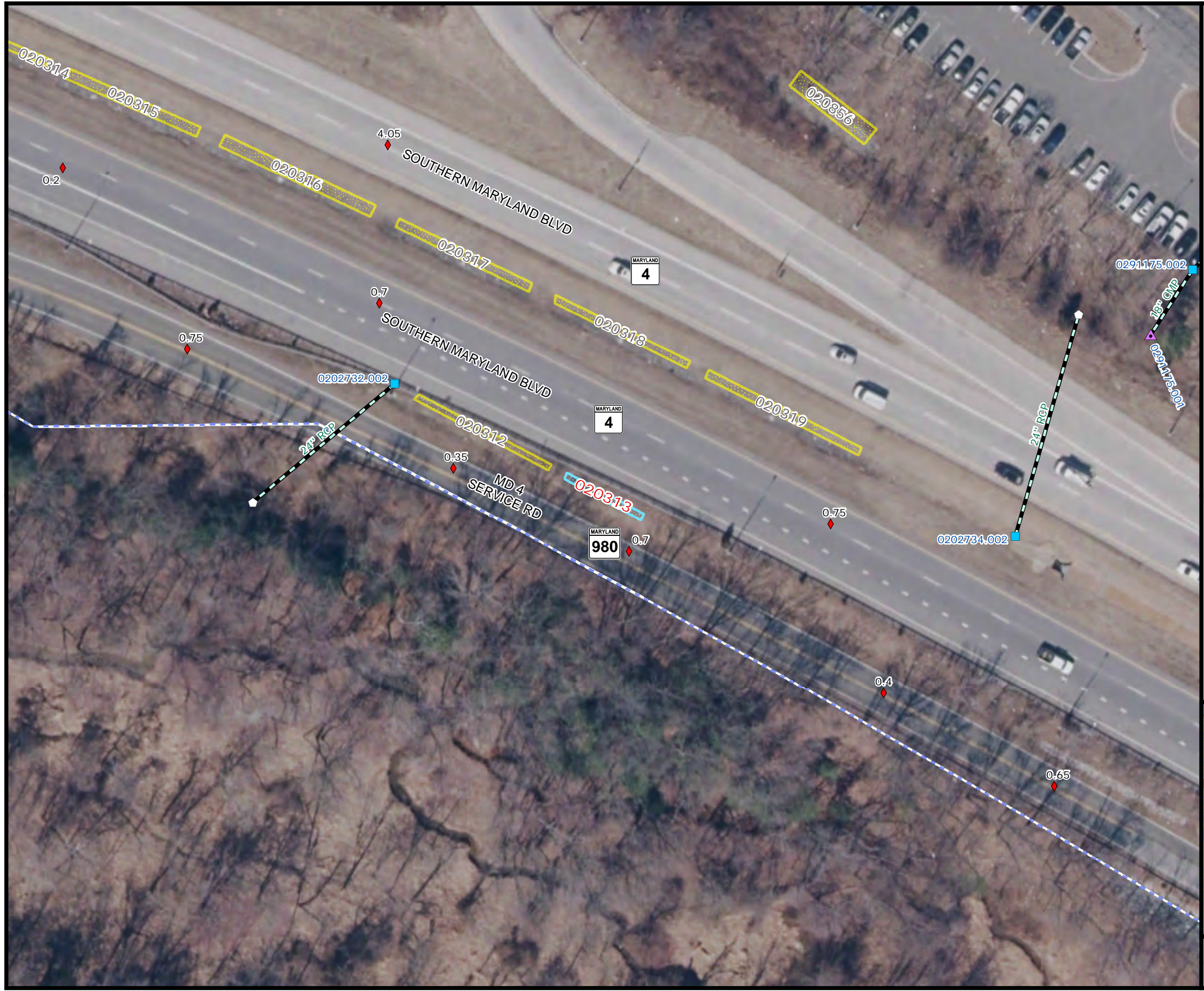
1 inch = 50 feet



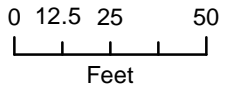
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



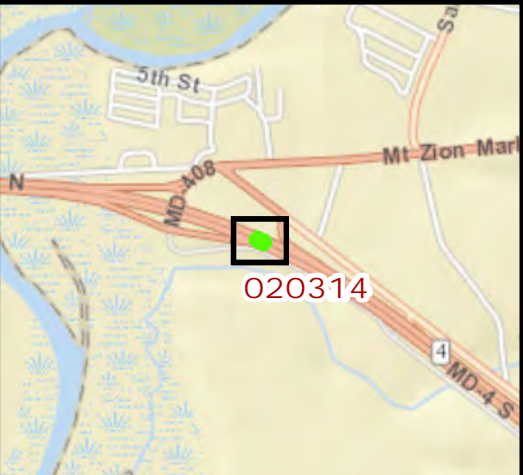
SHA SWM Facility
020314
Infiltration trench



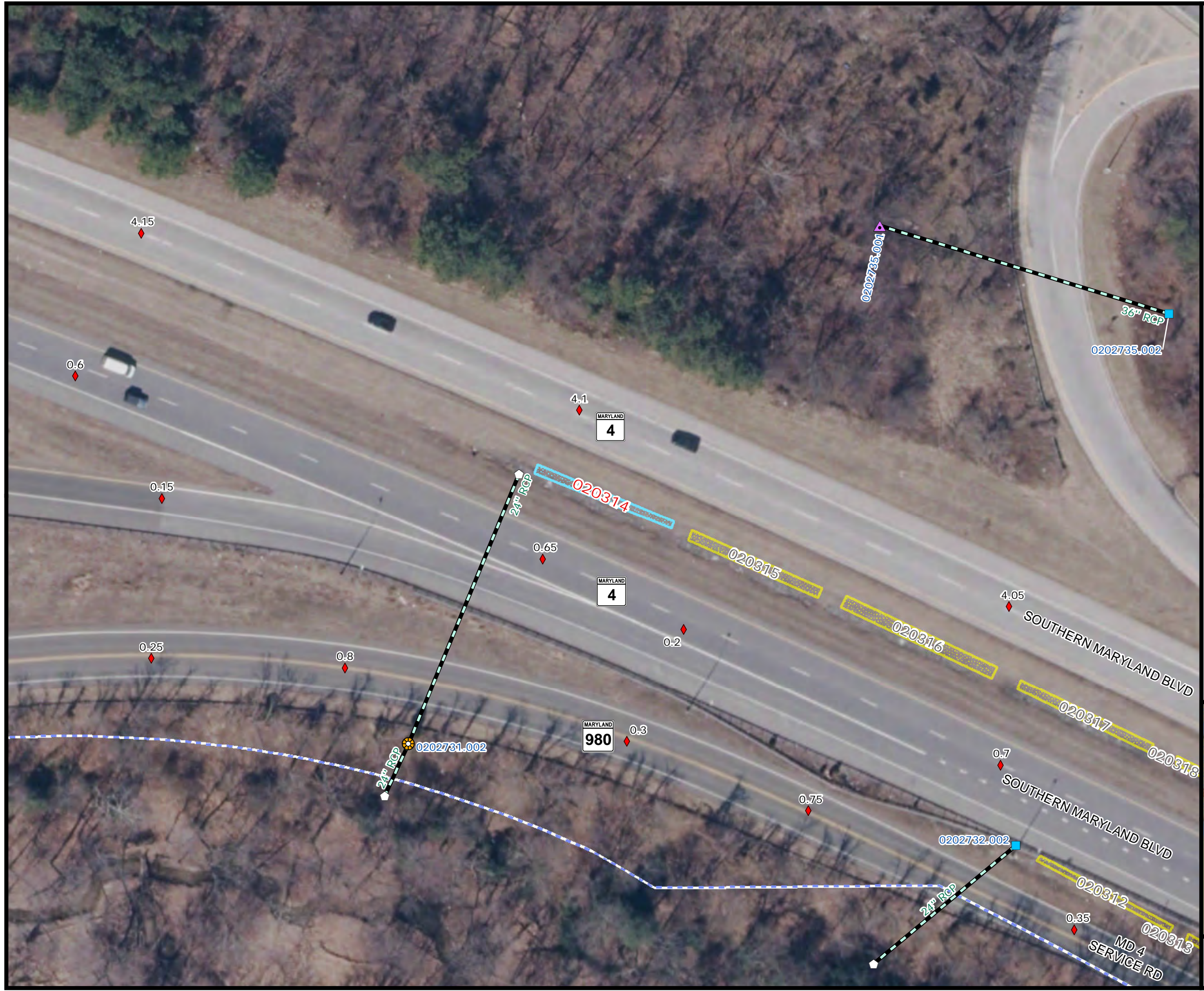
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



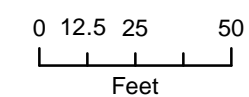
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



MARYLAND
794

SHA SWM Facility 020315

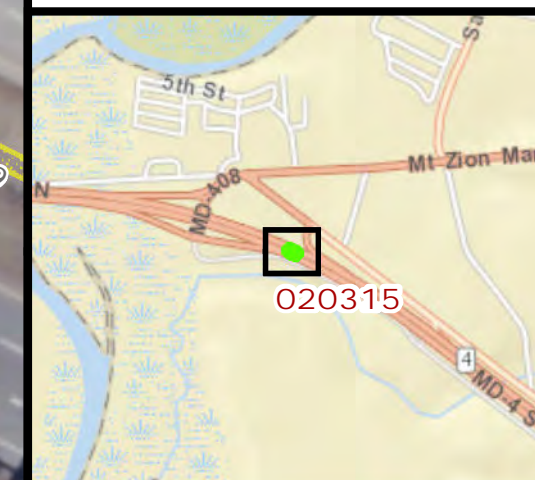
Infiltration trench



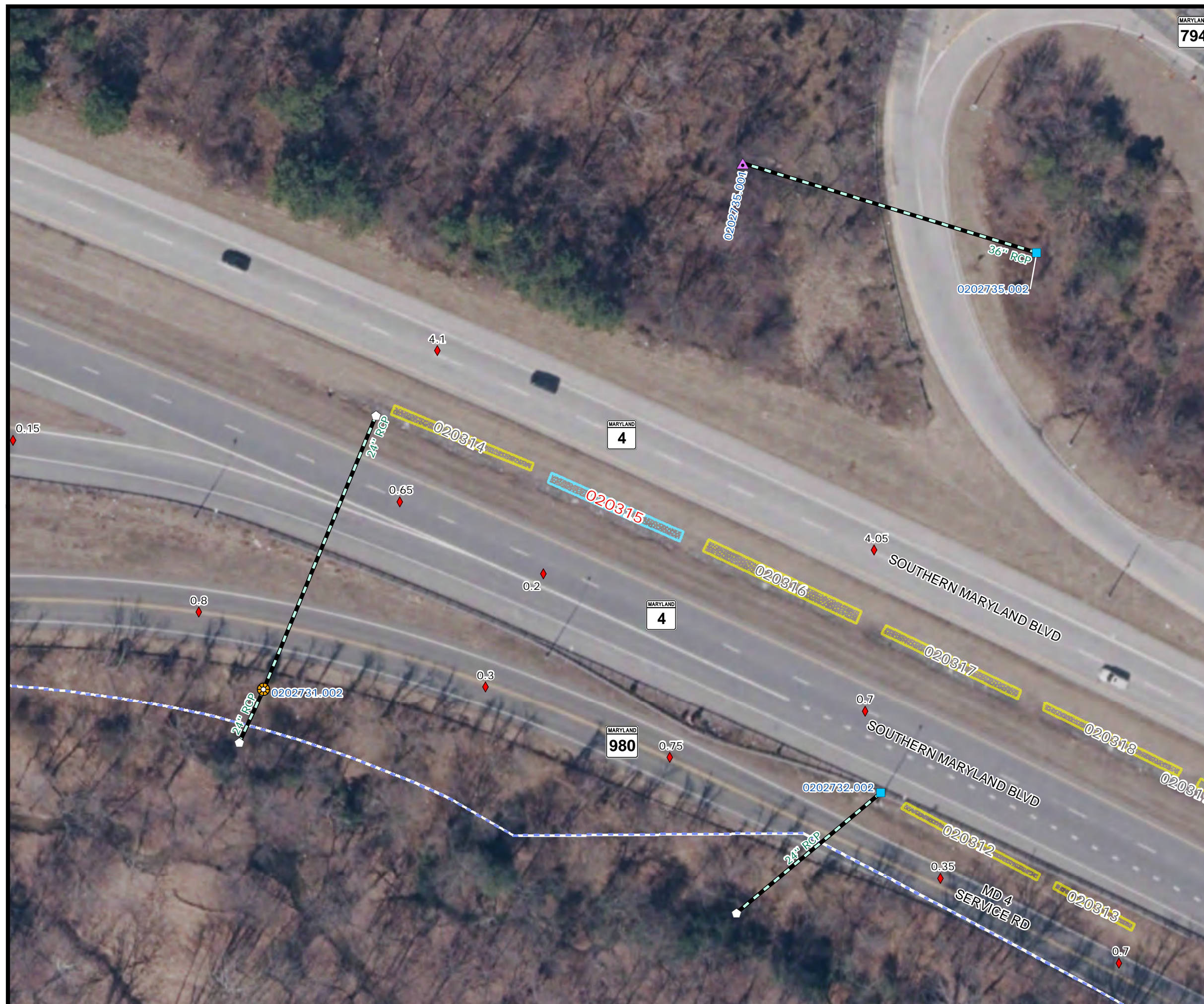
1 inch = 50 feet

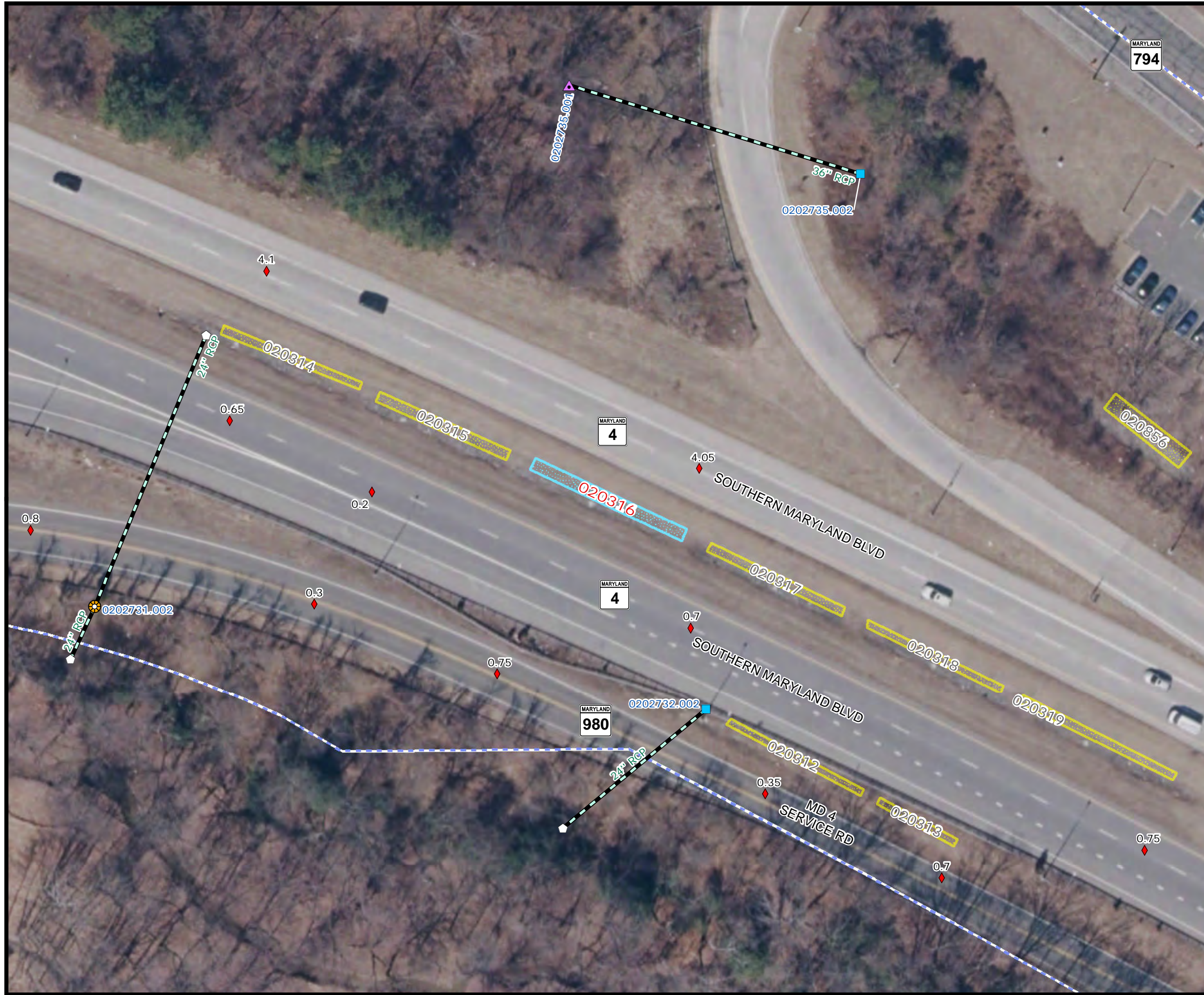


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



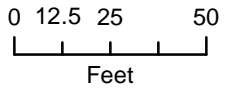
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020316

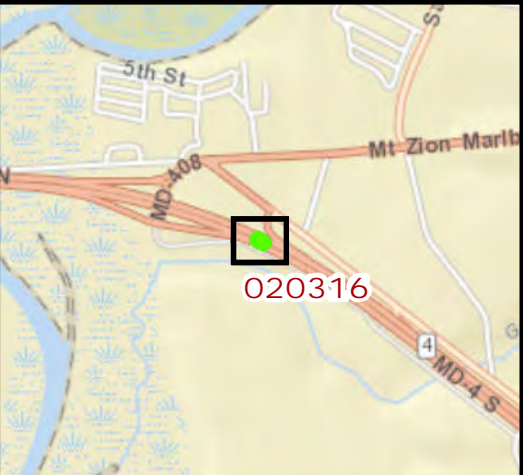
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020317

Infiltration trench



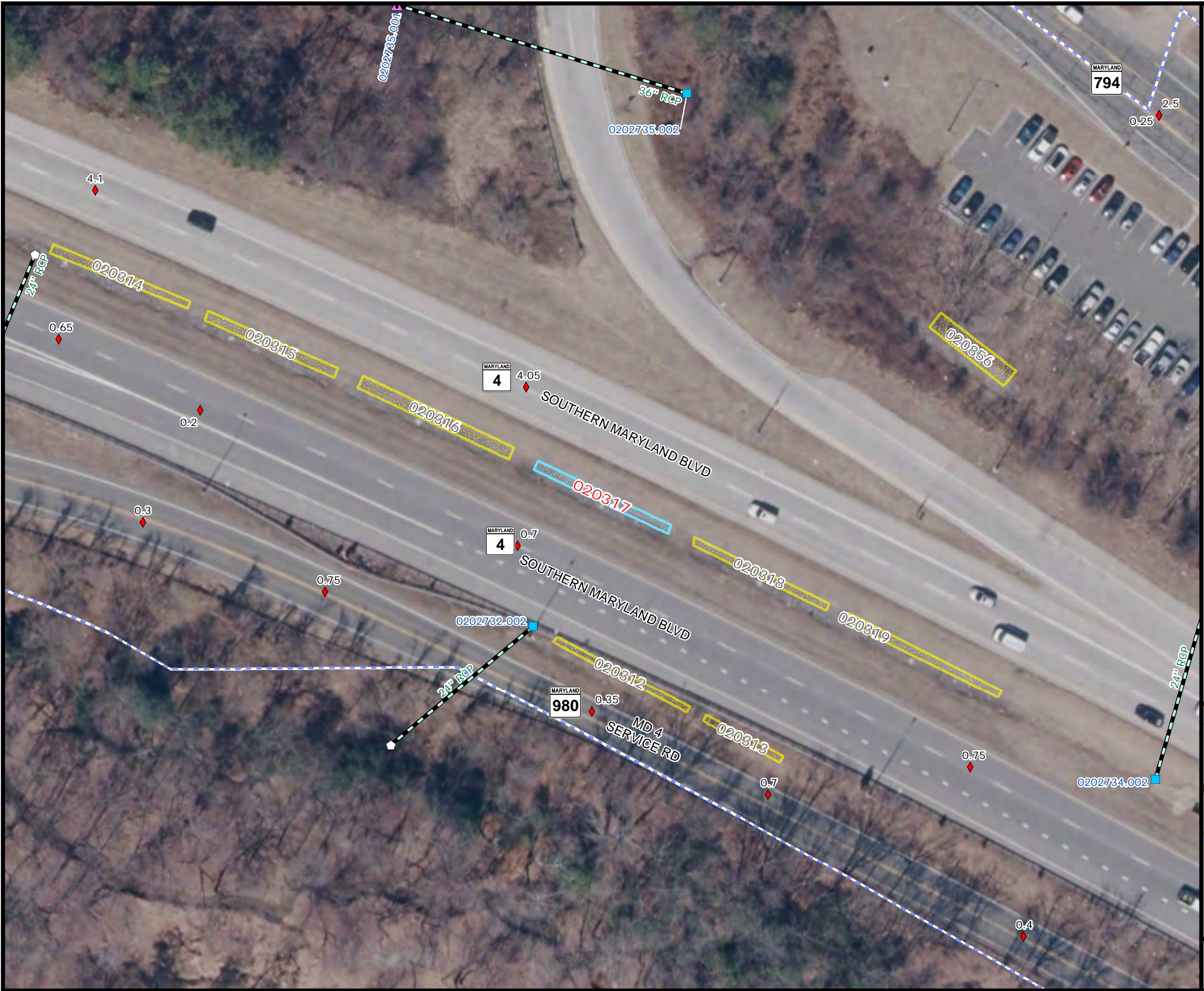
1 inch = 50 feet

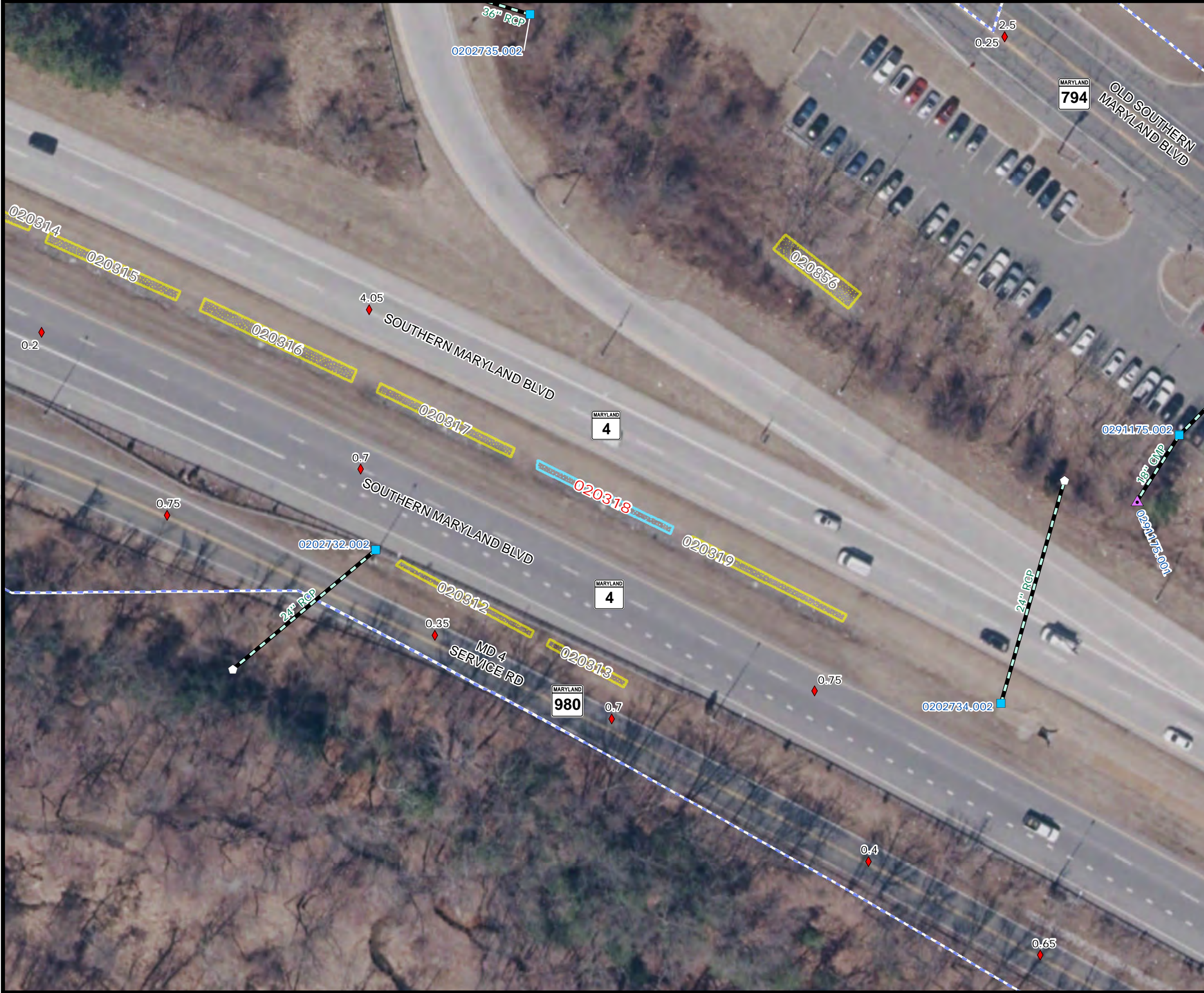


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



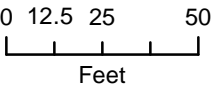
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020318

Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020319

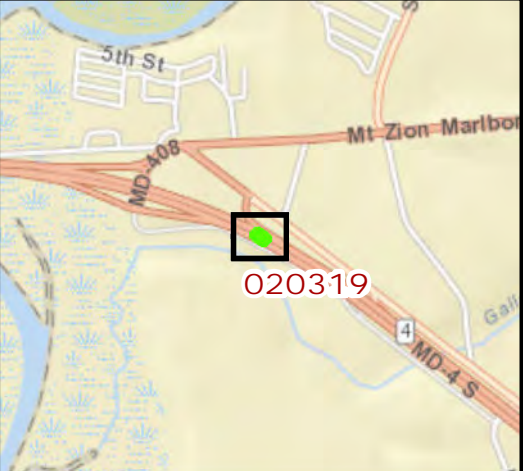
Infiltration trench



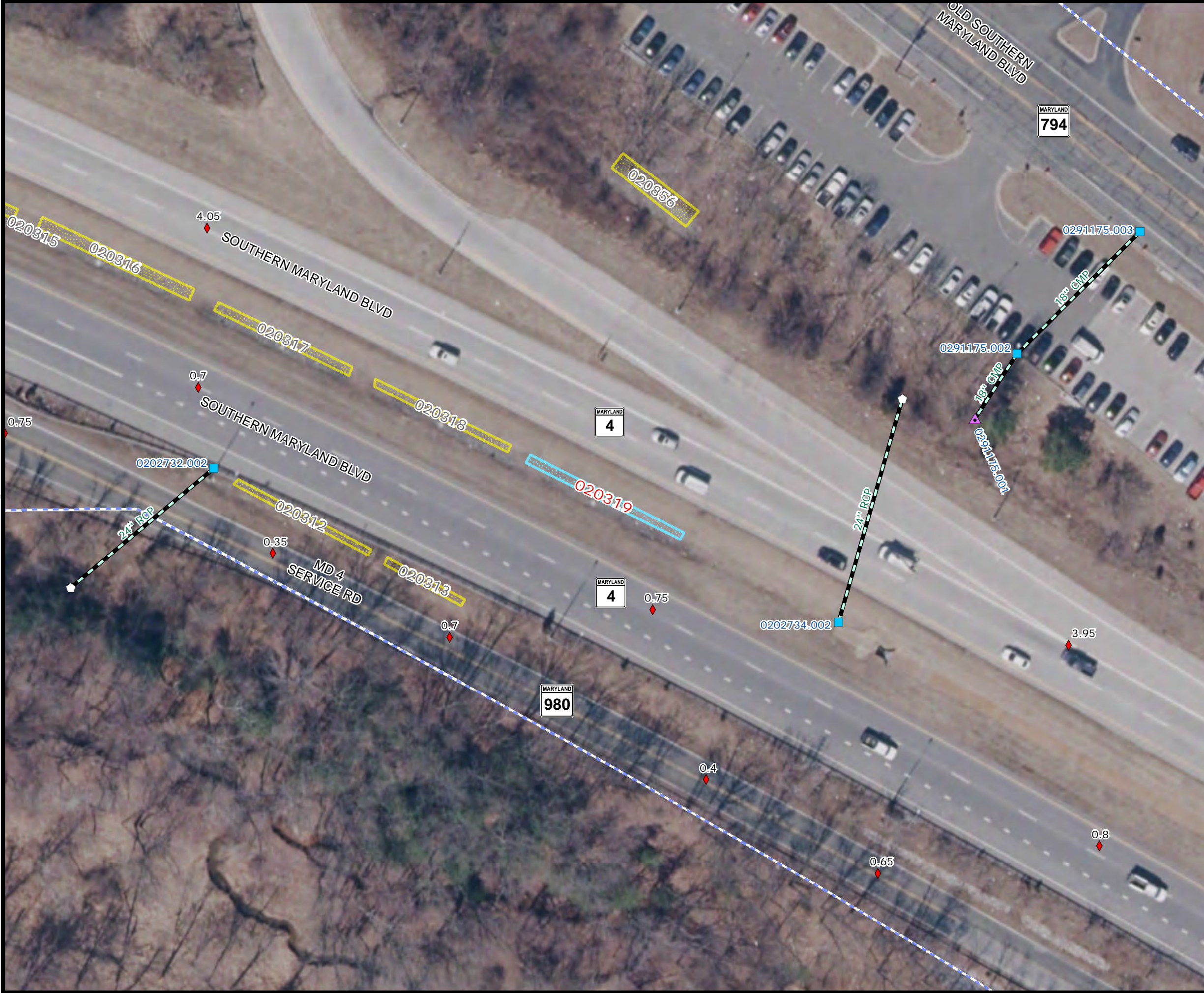
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020320

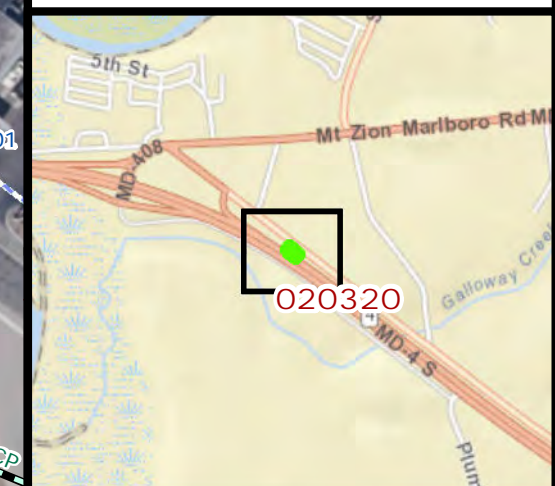
Infiltration basin



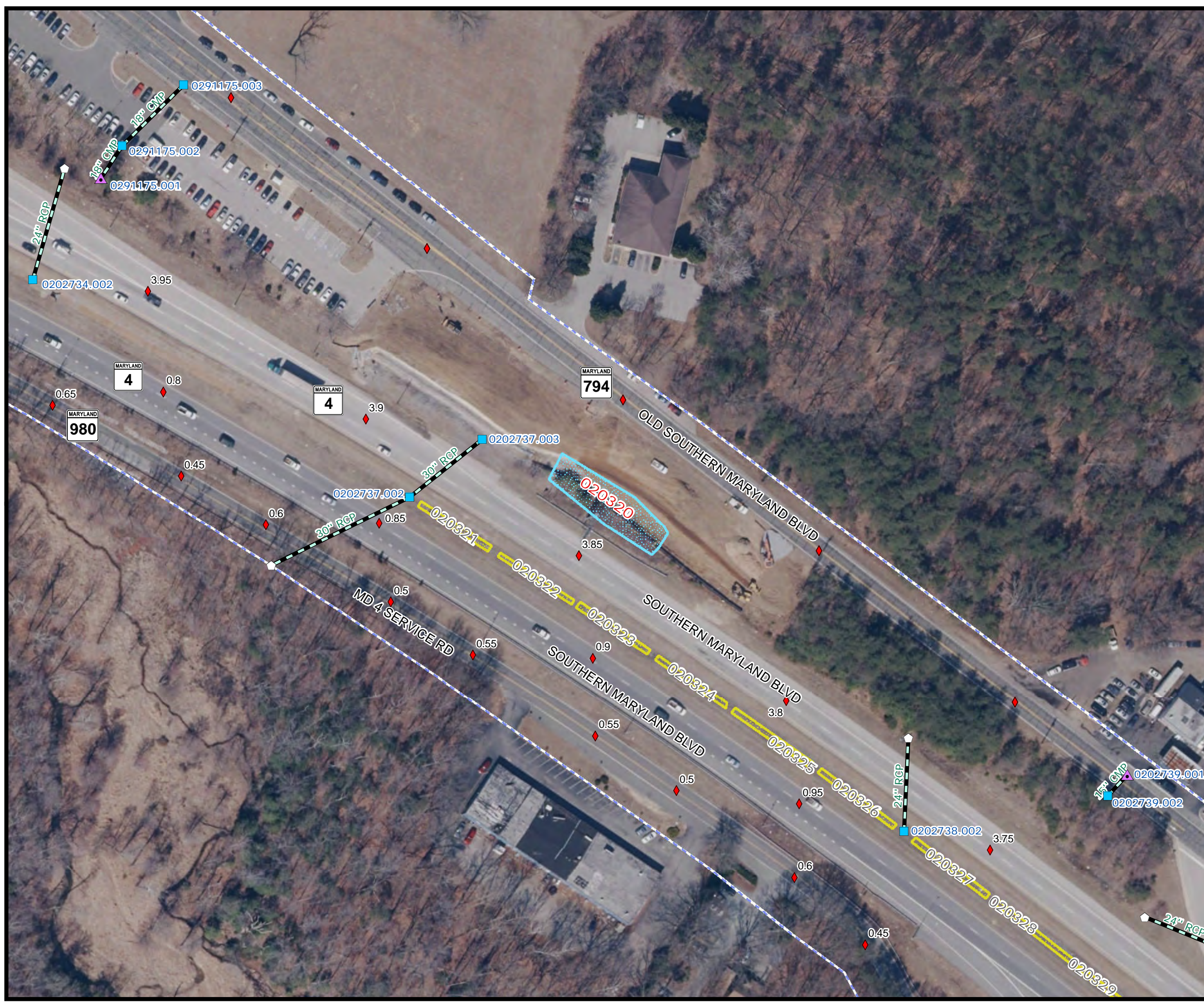
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

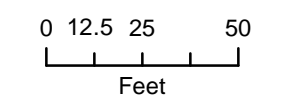


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020321

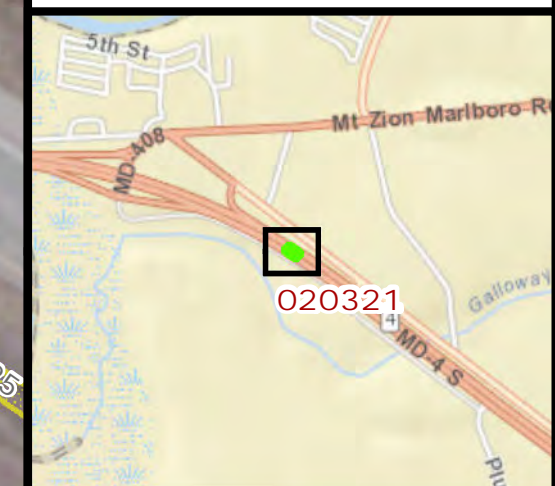
Infiltration trench



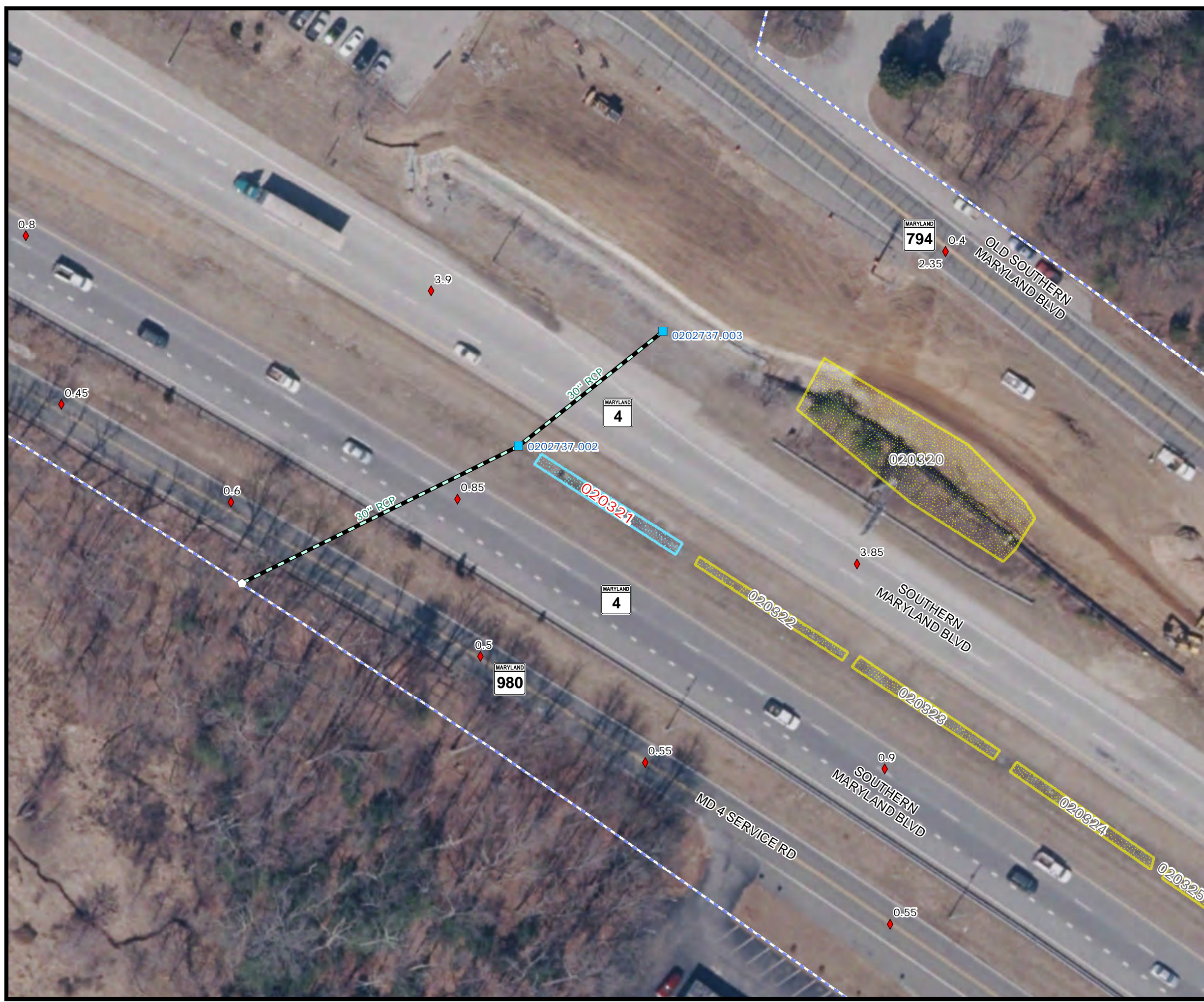
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

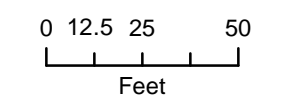


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020322

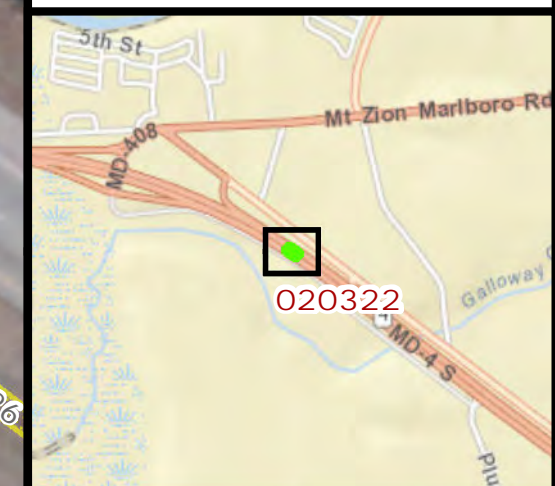
Infiltration trench



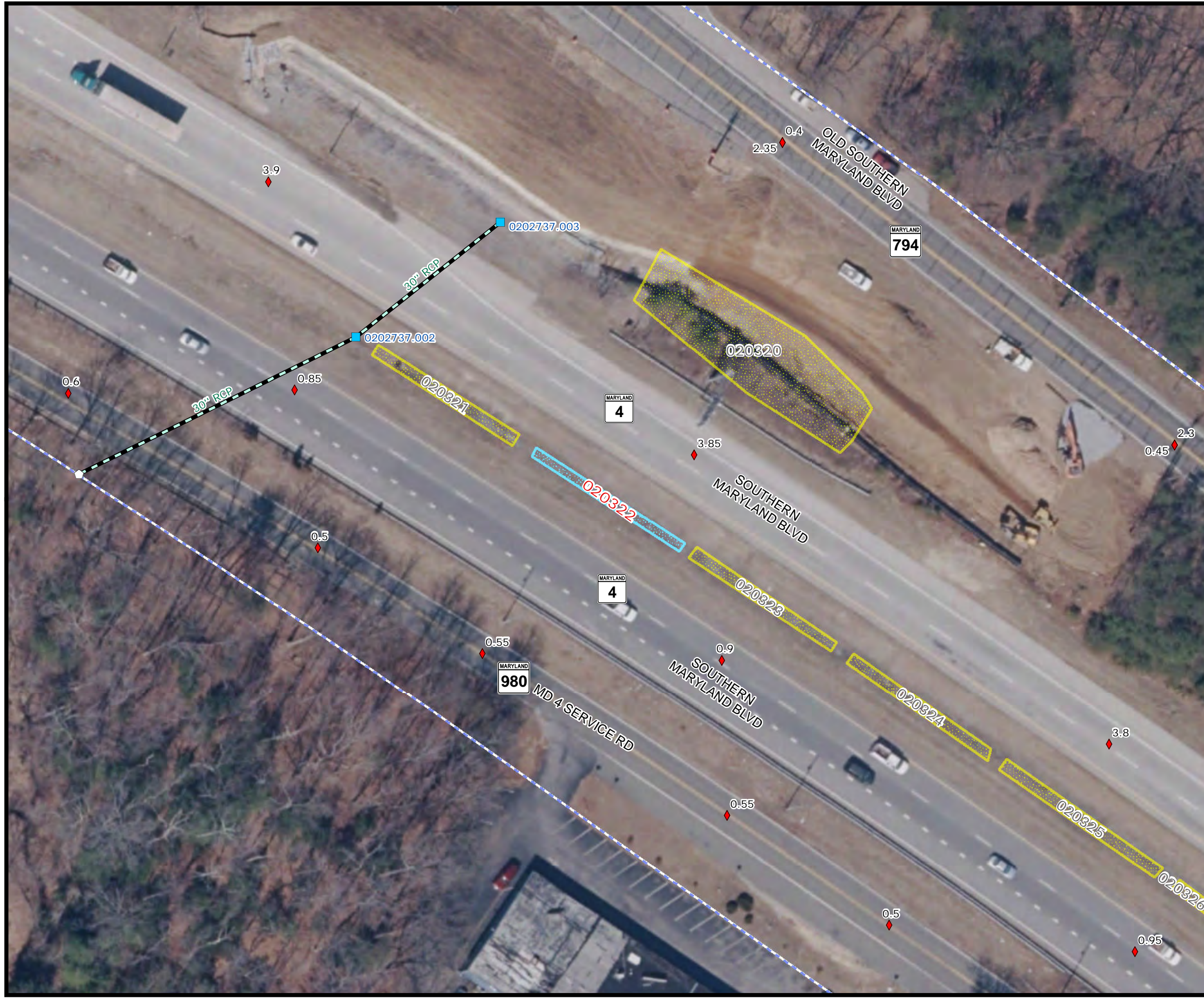
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

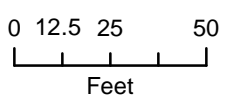


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020323

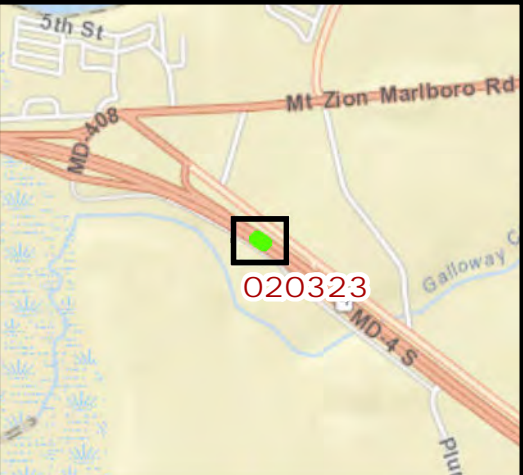
Infiltration trench



1 inch = 50 feet



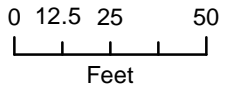
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



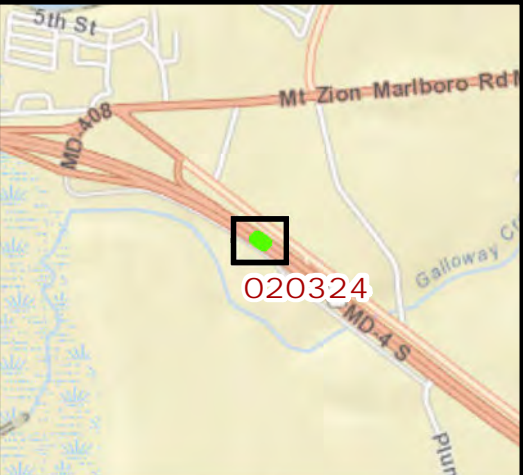
SHA SWM Facility
020324
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020325

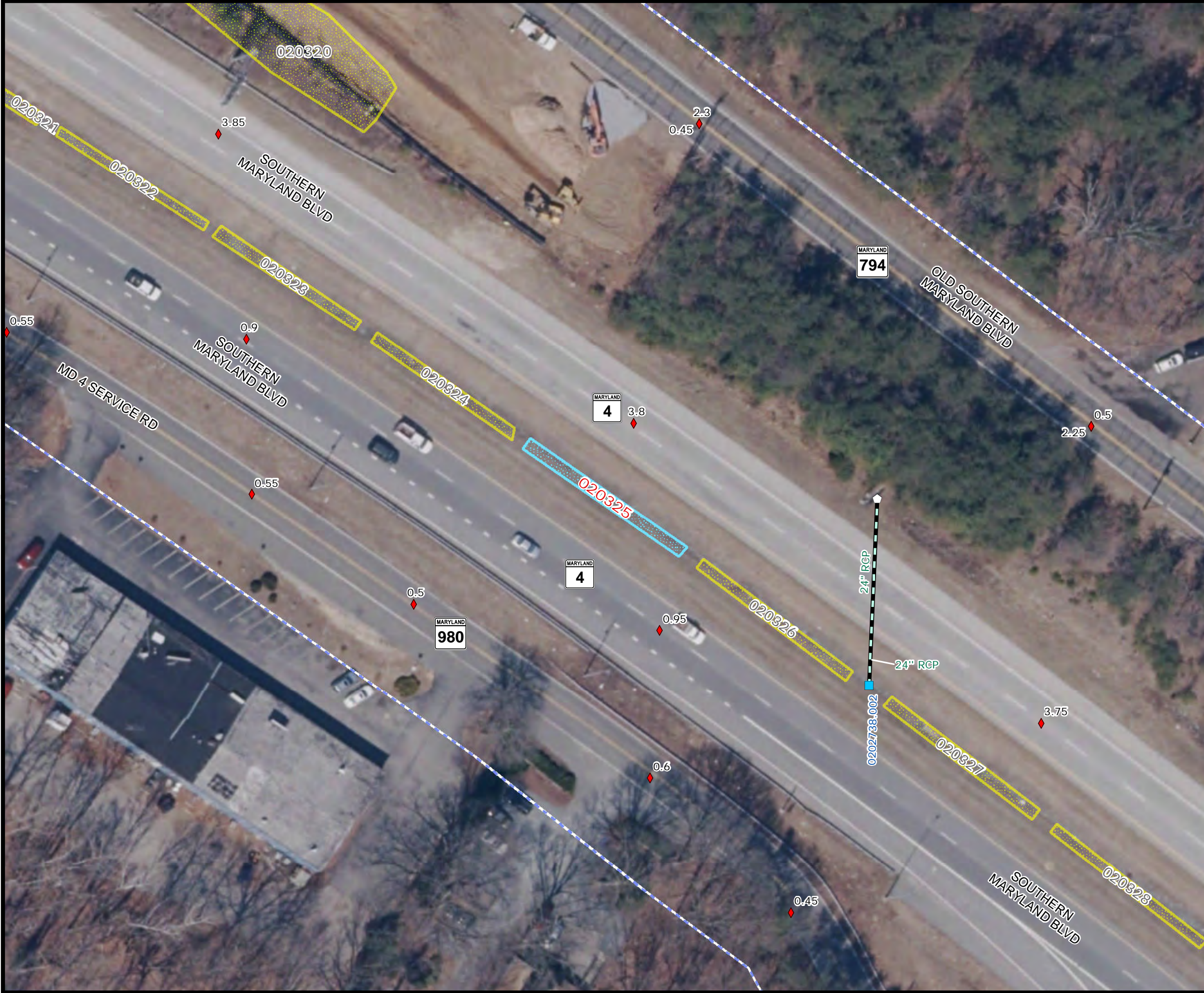
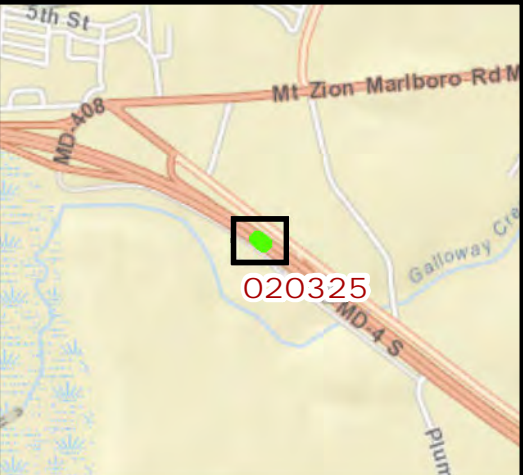
Infiltration trench



1 inch = 50 feet



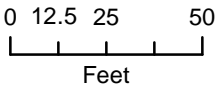
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020326

Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020327

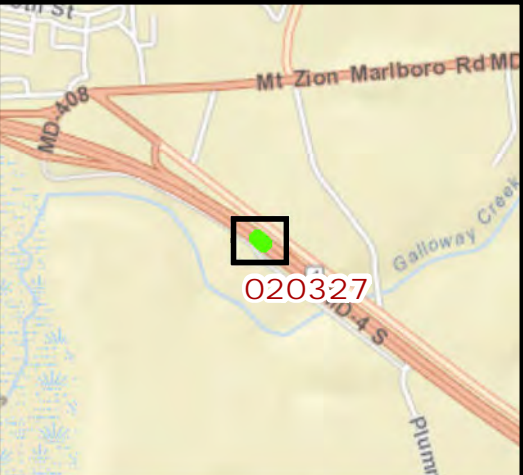
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020328

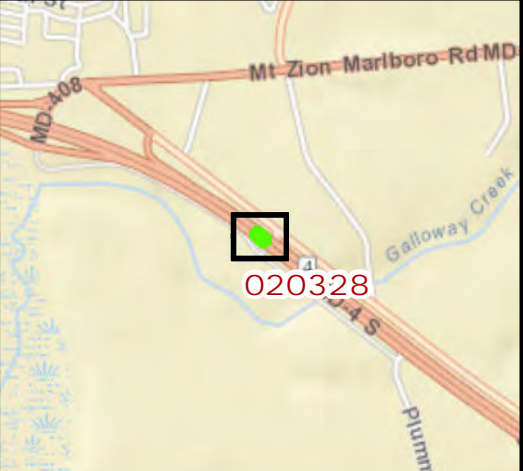
Infiltration trench



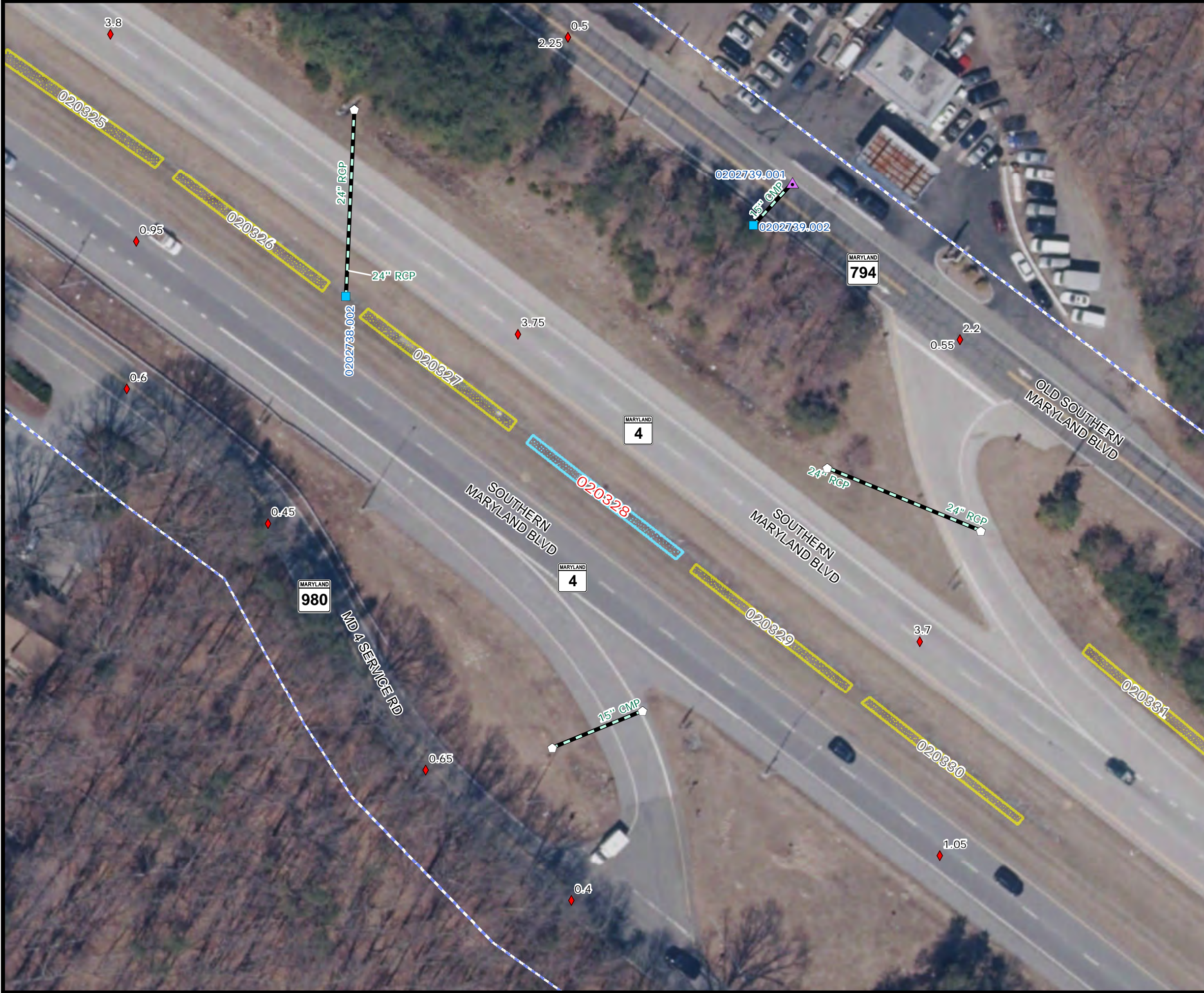
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020329

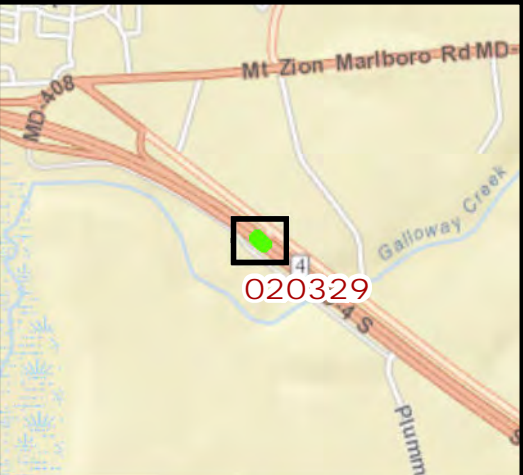
Infiltration trench



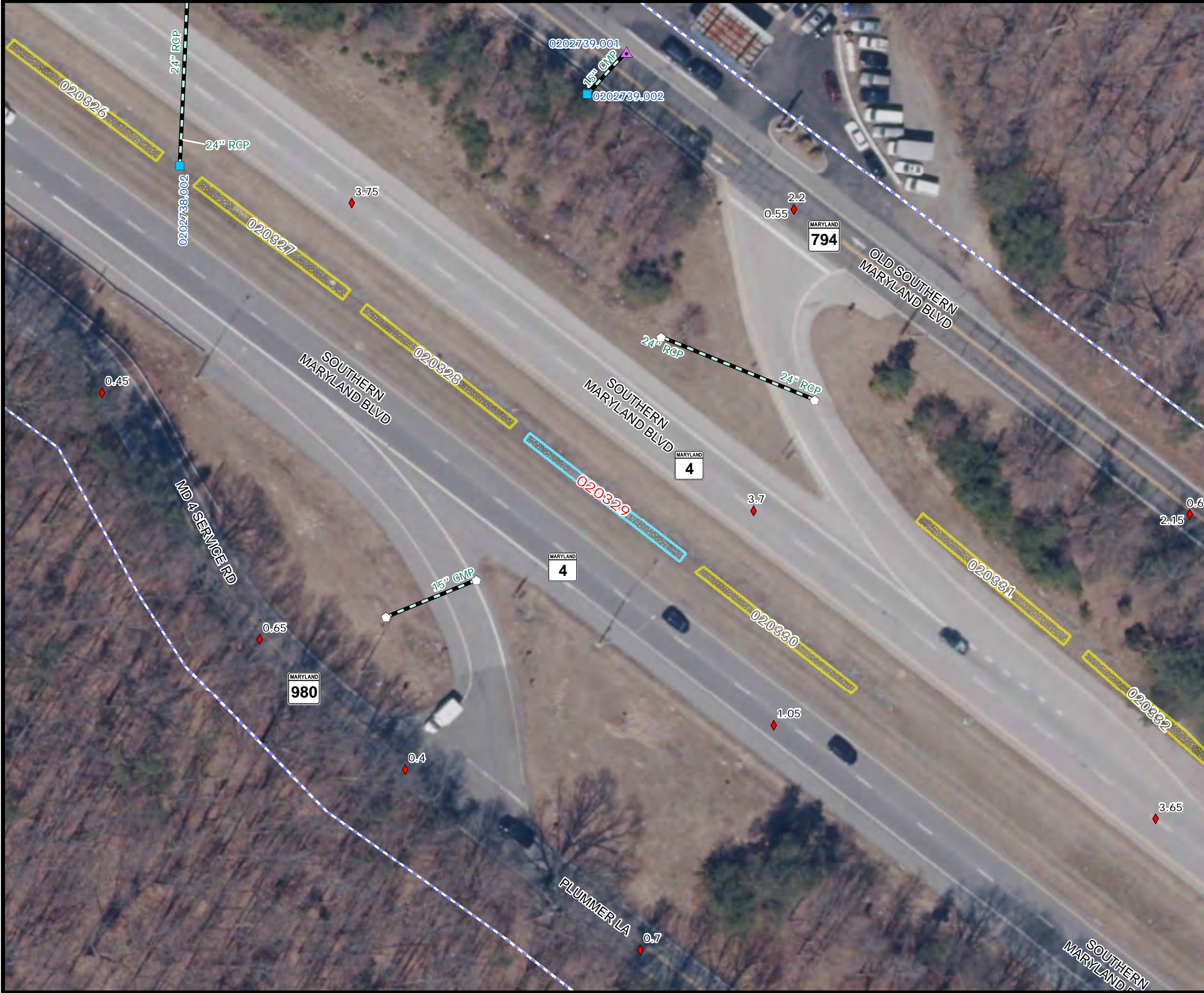
1 inch = 50 feet

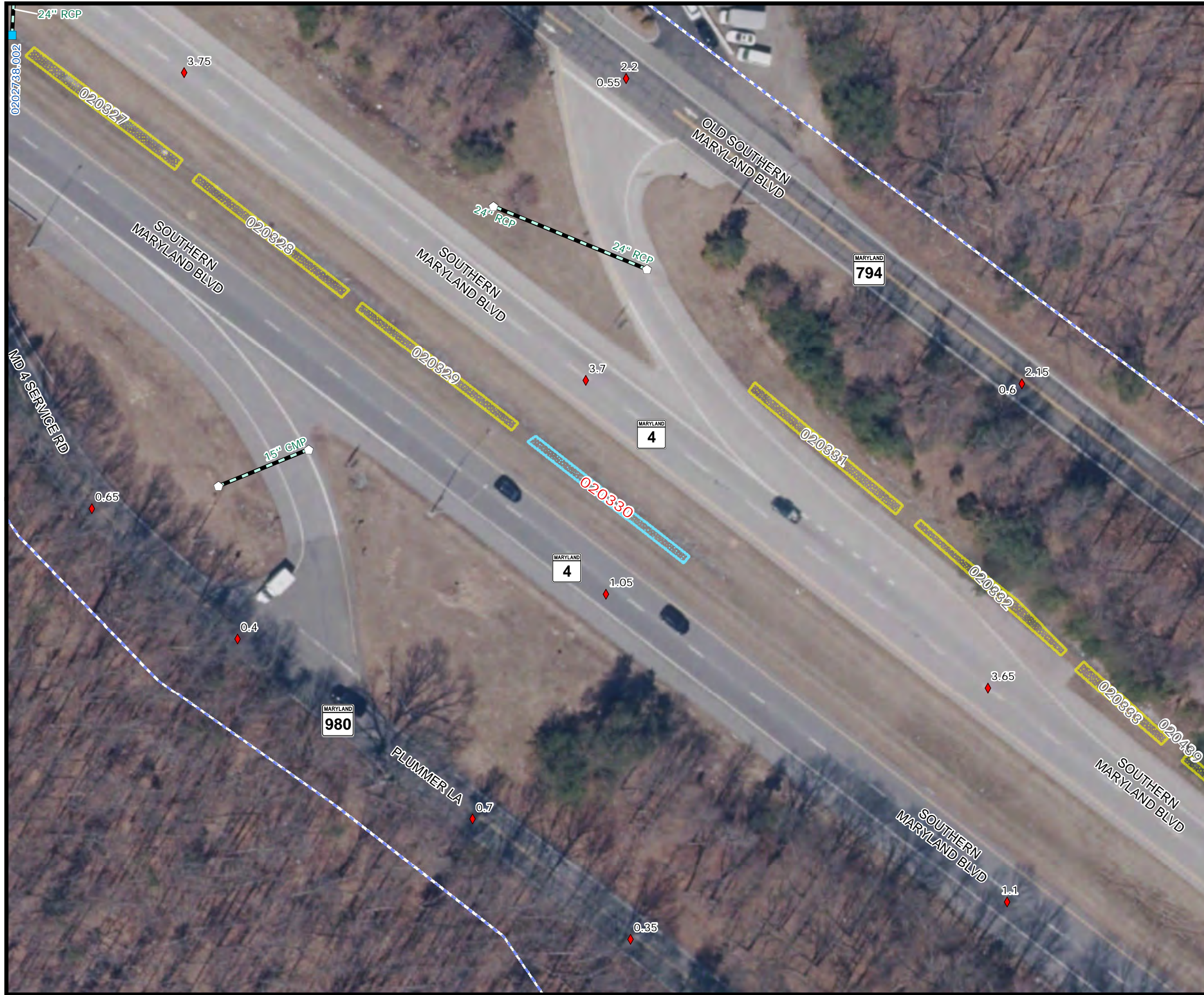


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



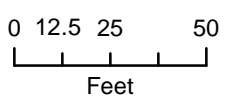
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020330

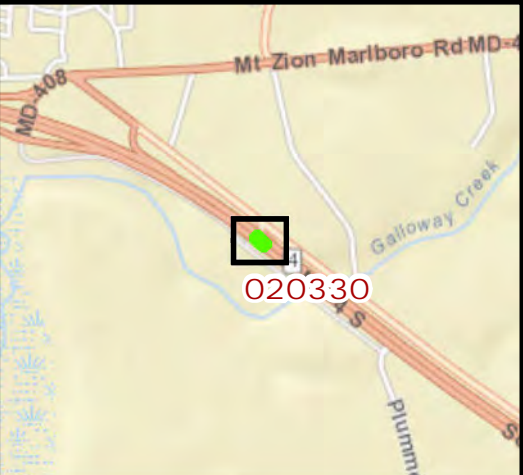
Infiltration trench



1 inch = 50 feet



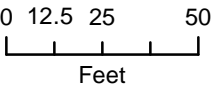
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020331

Infiltration trench



1 inch = 50 feet

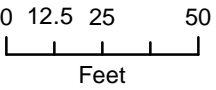


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020332

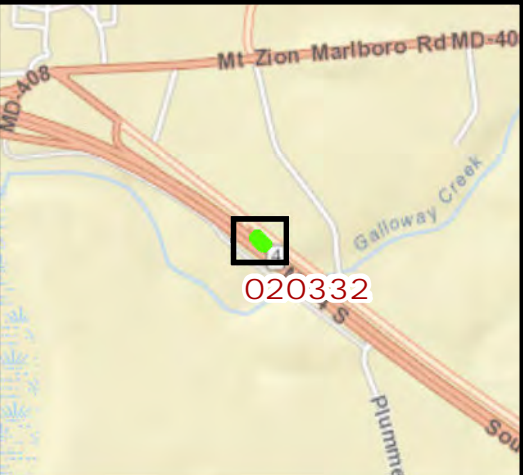
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

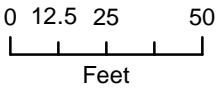


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020333

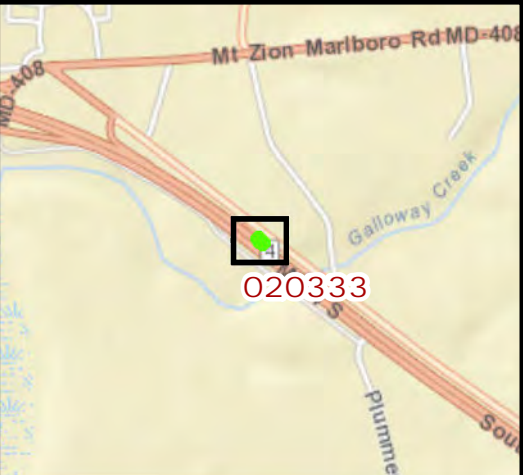
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



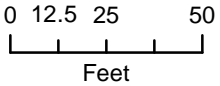
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020334

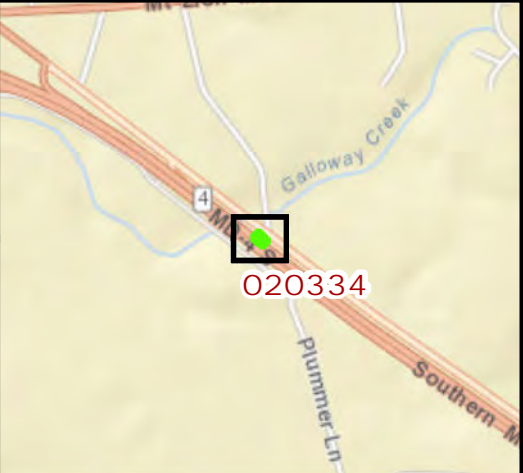
Infiltration trench

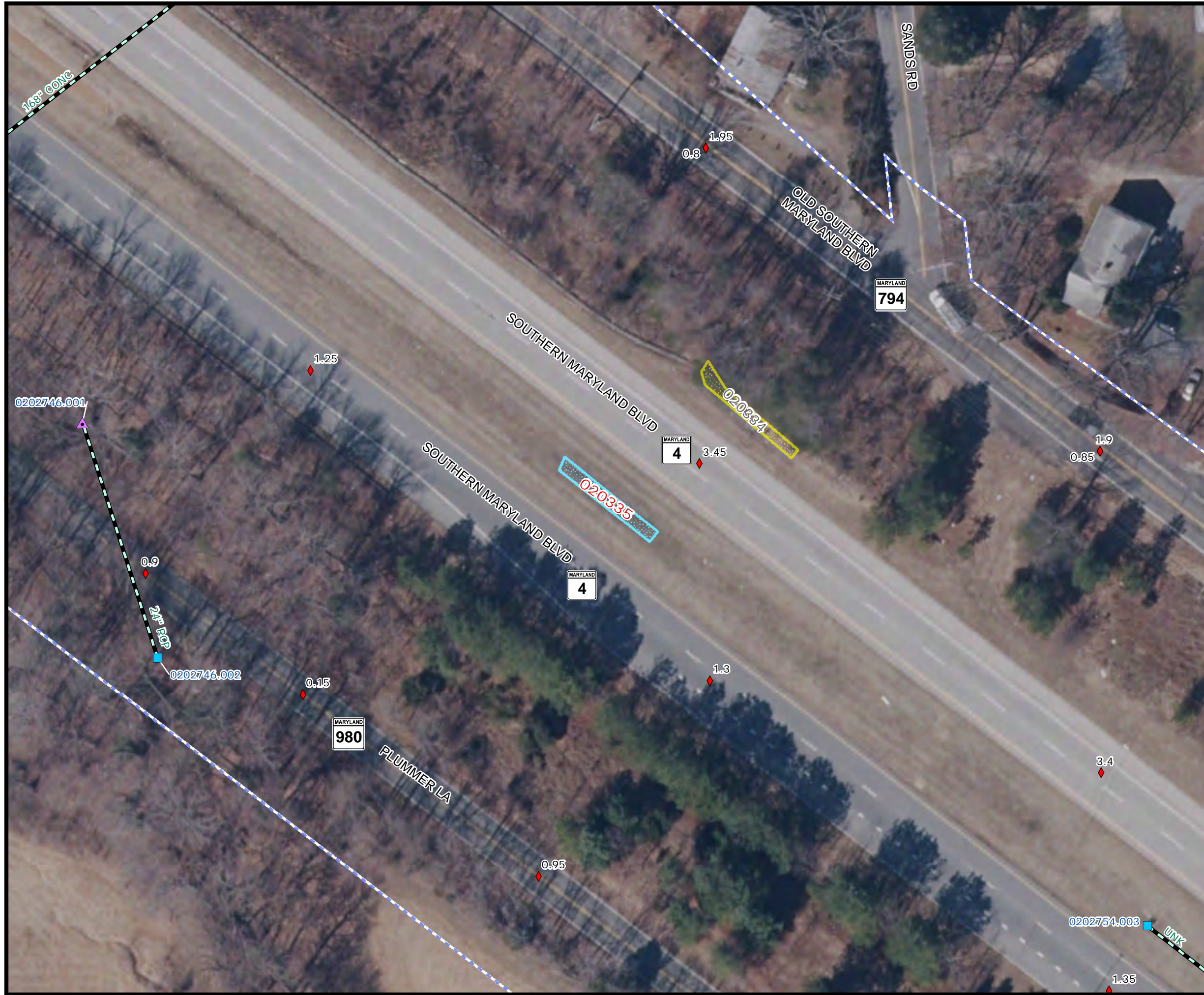


1 inch = 50 feet



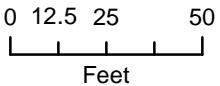
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020335

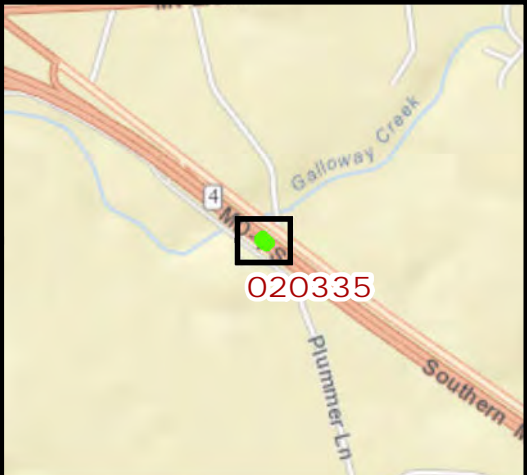
Infiltration trench



1 inch = 50 feet

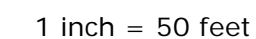












- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

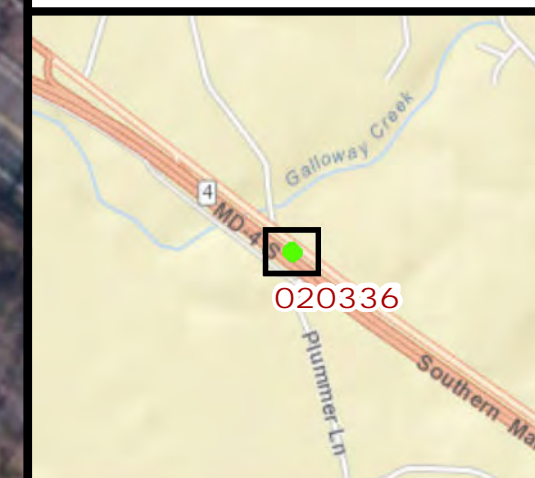


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

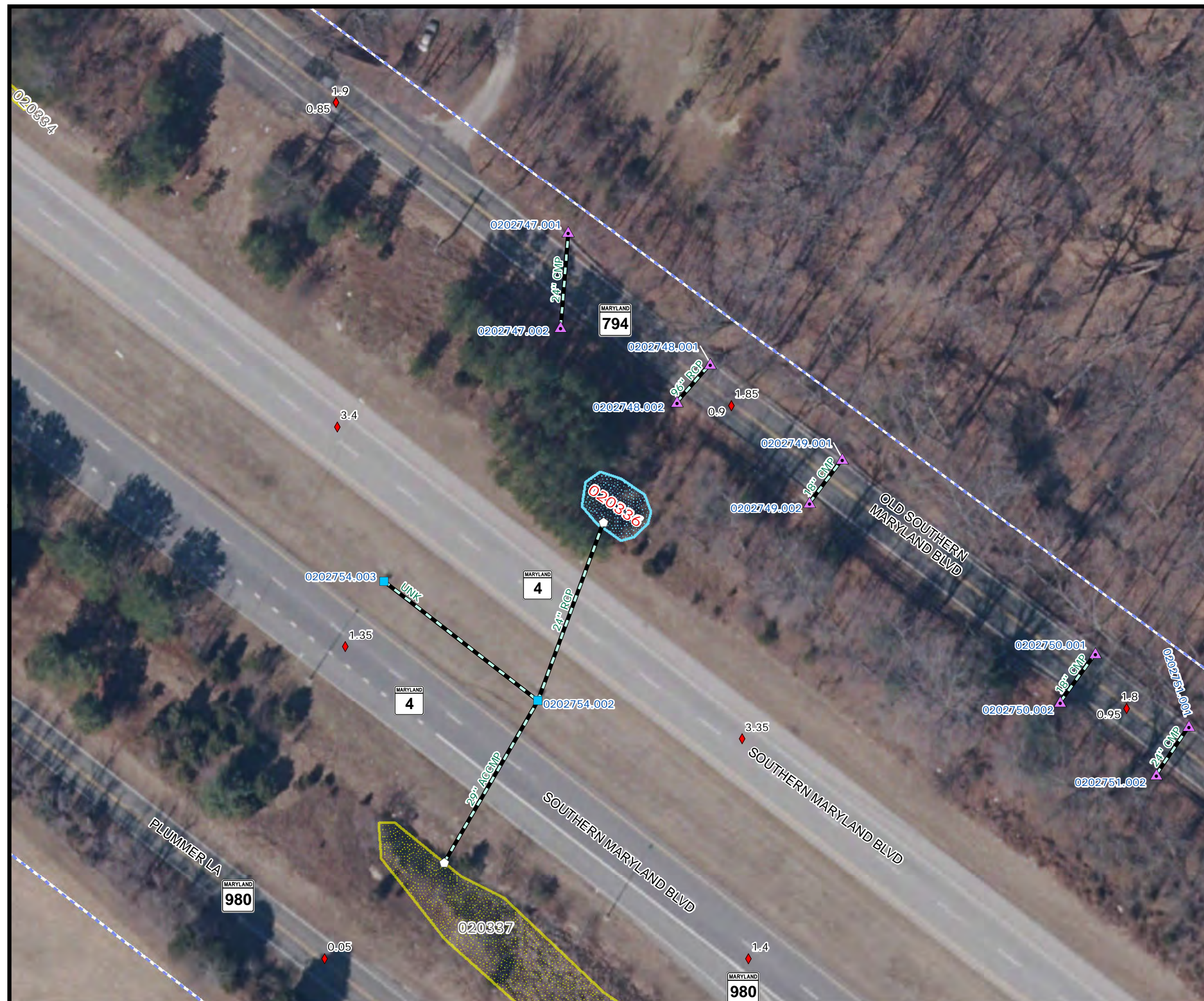
Infiltration basin



-  Manhole
-  Inlet
-  End/Headwall
-  Other Structure
-  Pipe
-  Milepoint
-  Facility Footprint
-  Nearby Facilities
-  Approx SHA Right-of-Way
-  Shop Boundary



MD iMap 6 Inch Imagery from 2014
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SHA SWM Facility 020337

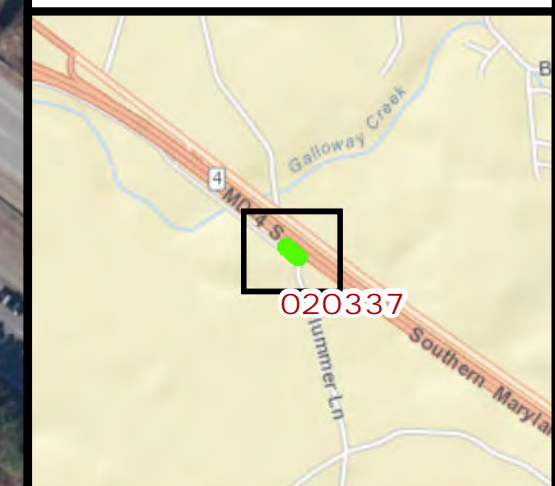
Dry pond



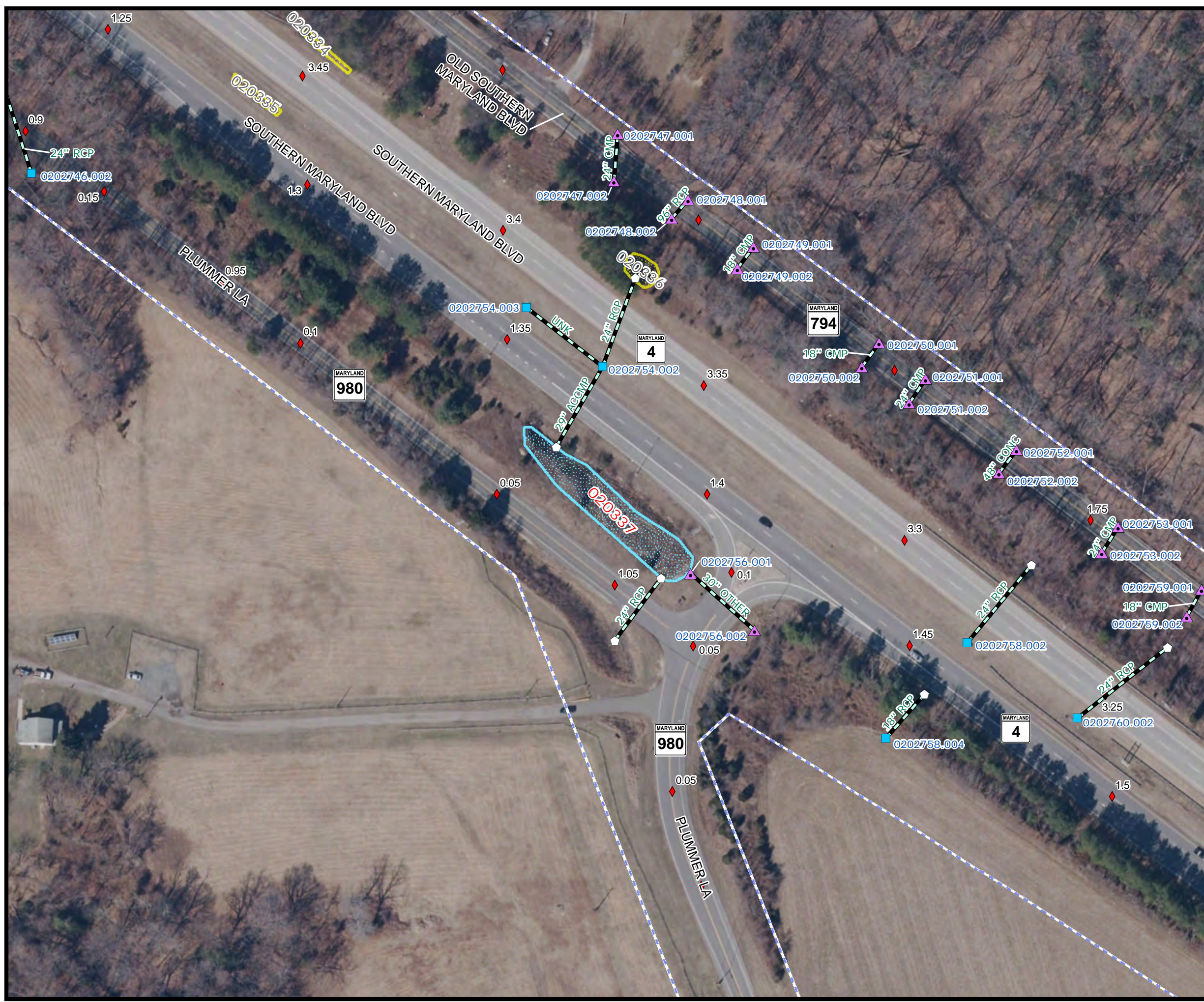
1 inch = 100 feet



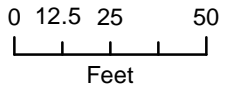
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



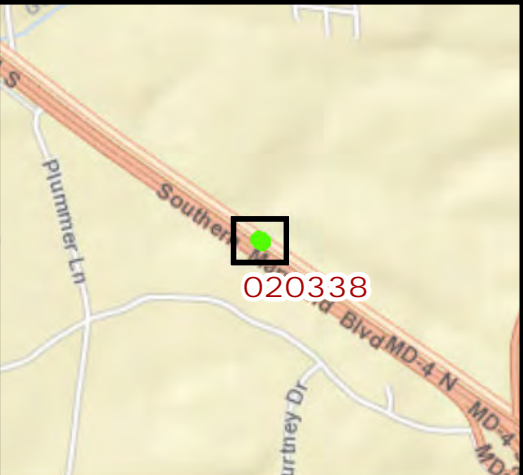
SHA SWM Facility
020338
Infiltration basin



1 inch = 50 feet



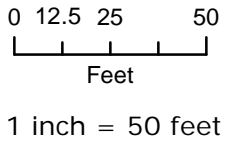
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



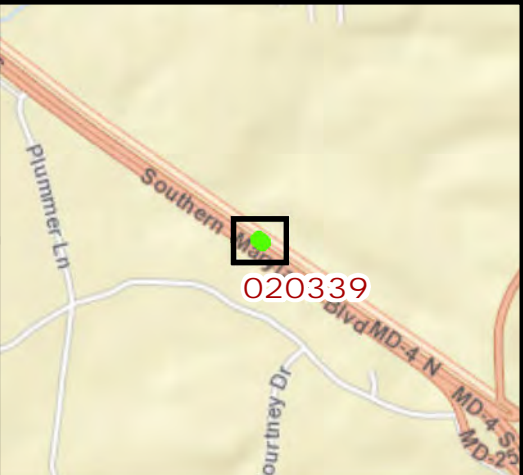
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



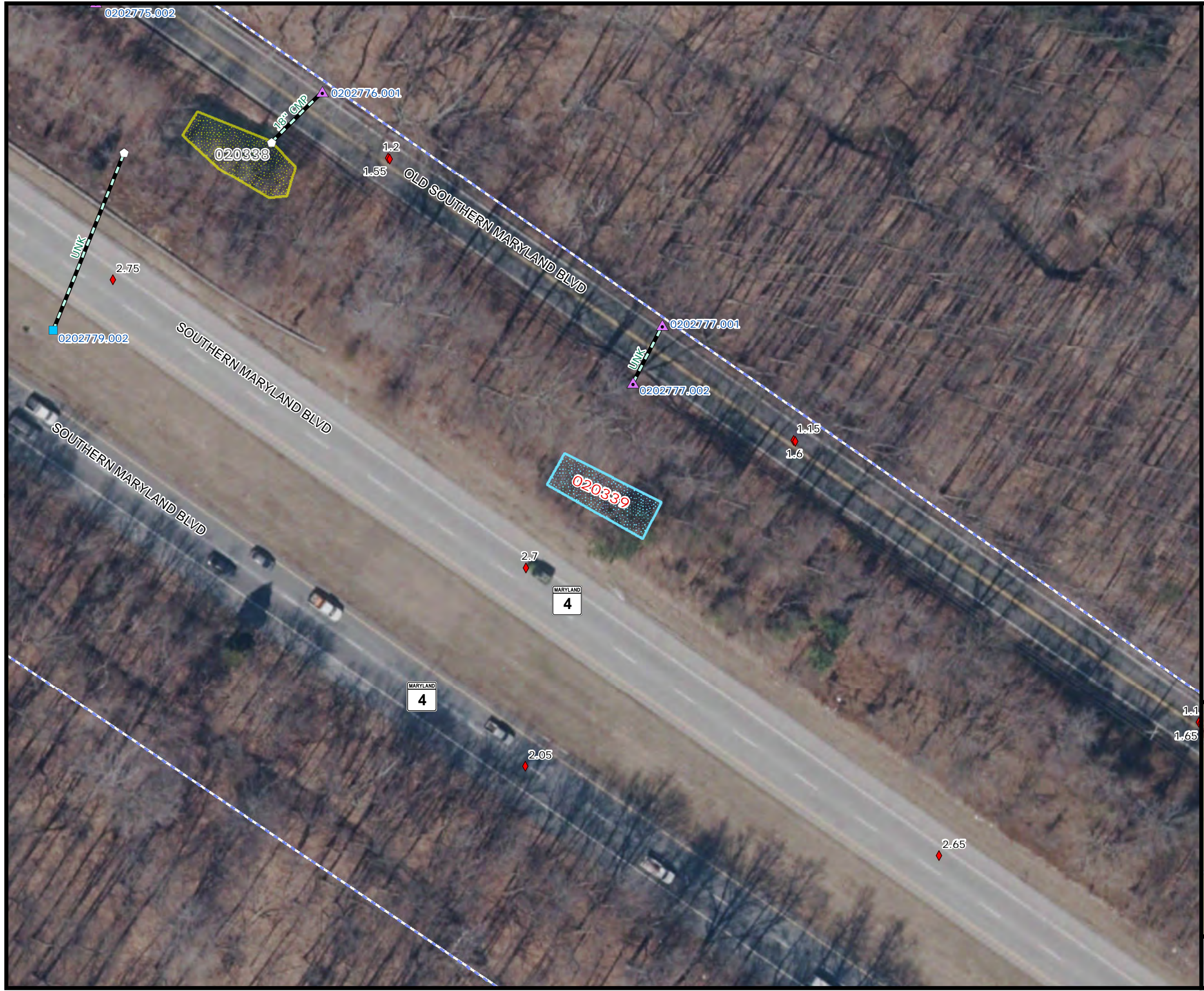
SHA SWM Facility
020339
Infiltration basin



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

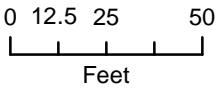


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020340

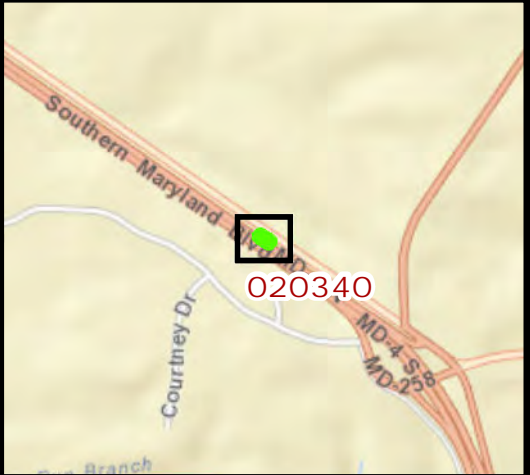
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

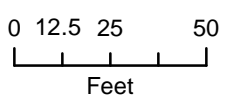


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020341

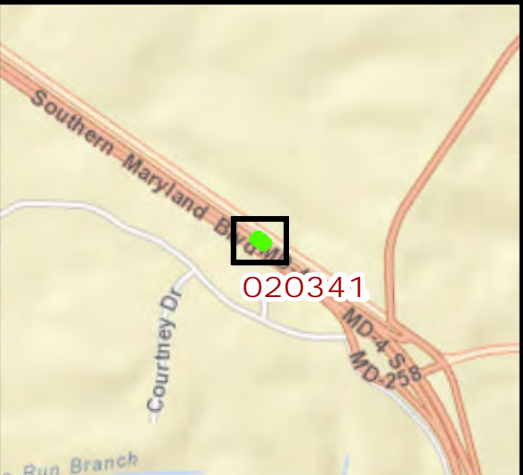
Infiltration trench



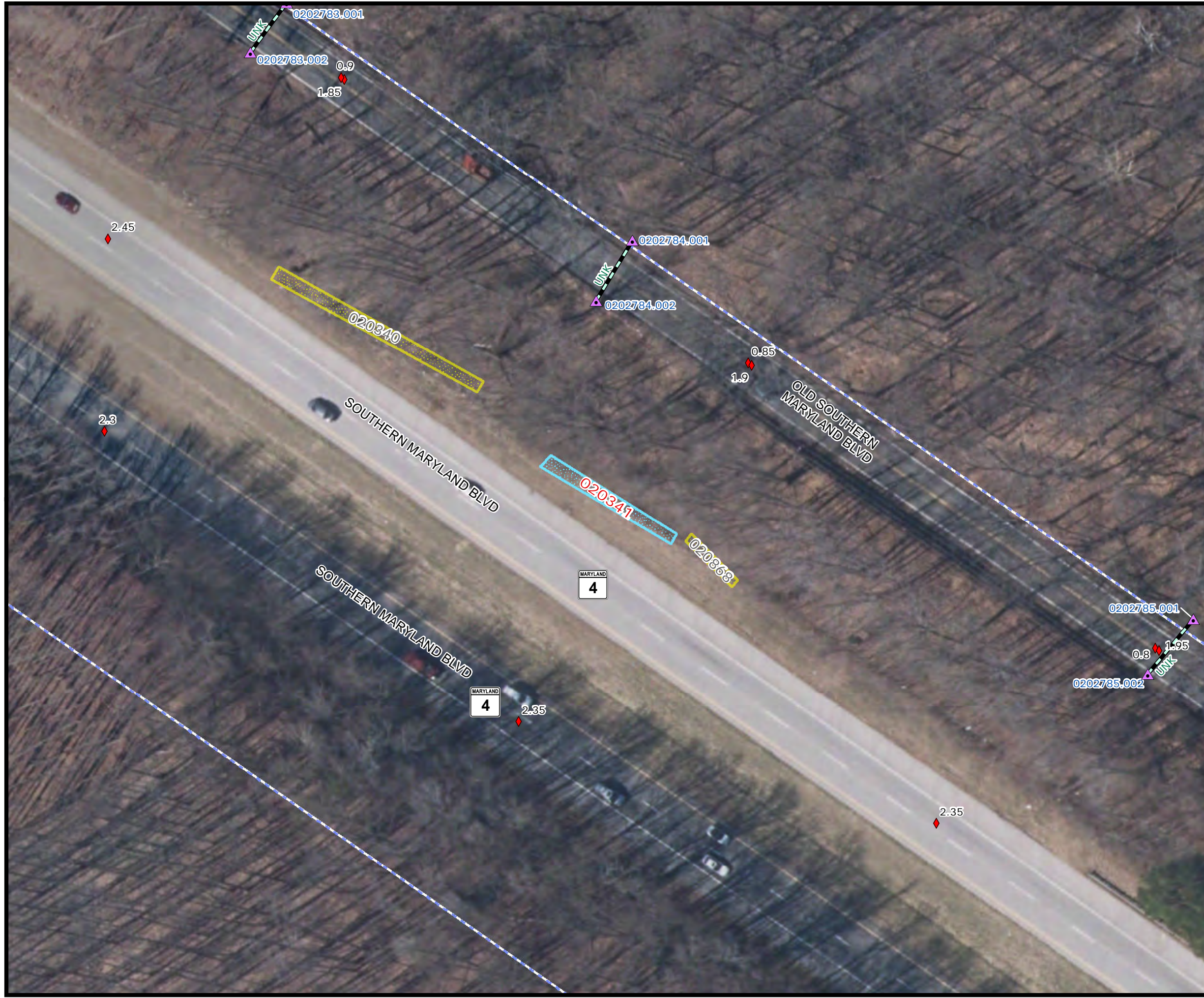
1 inch = 50 feet



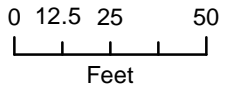
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



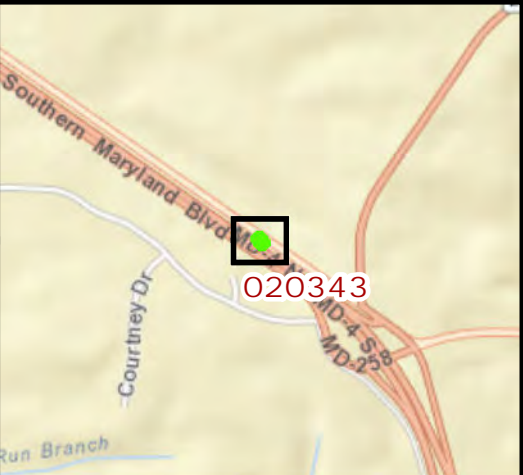
SHA SWM Facility
020343
Infiltration trench



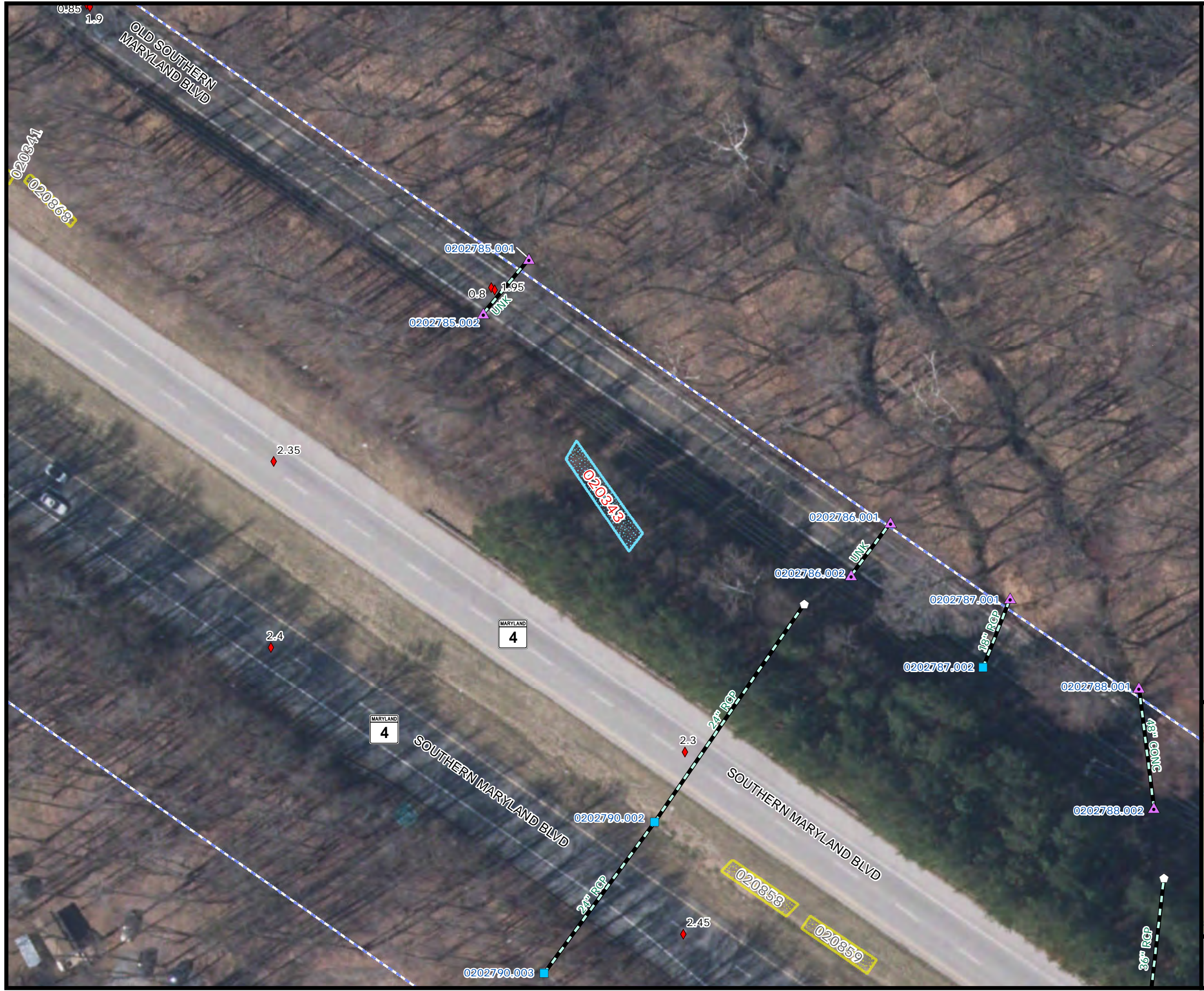
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



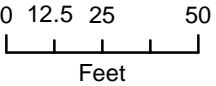
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020350

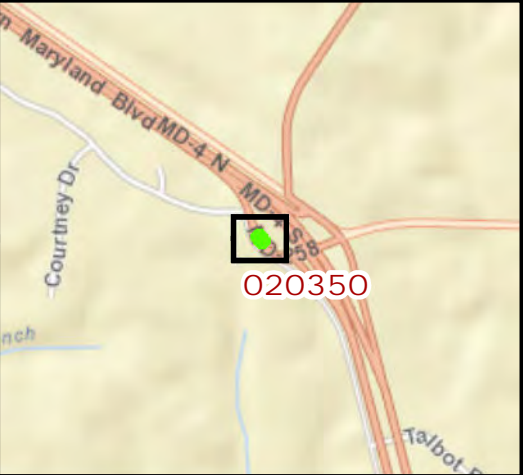
Infiltration trench



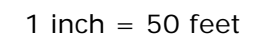
1 inch = 50 feet













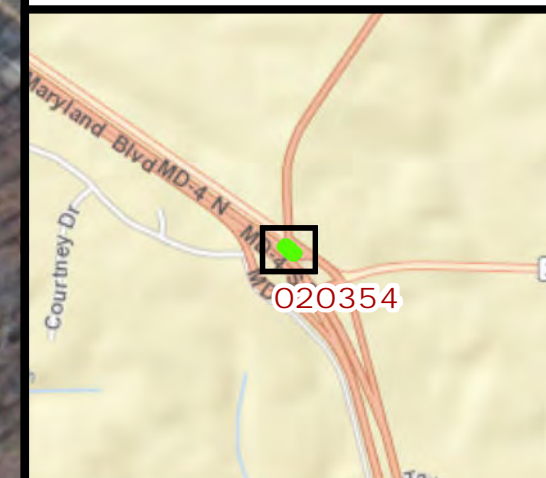
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



Infiltration trench



- | | |
|---|-------------------------|
|  | Manhole |
|  | Inlet |
|  | End/Headwall |
|  | Other Structure |
|  | Pipe |
|  | Milepoint |
|  | Facility Footprint |
|  | Nearby Facilities |
|  | Approx SHA Right-of-Way |
|  | Shop Boundary |



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020355

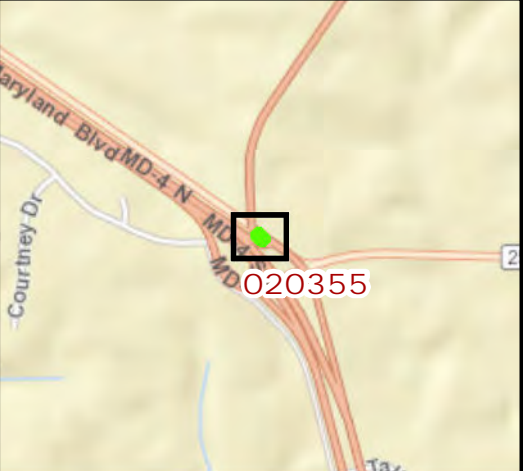
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020357

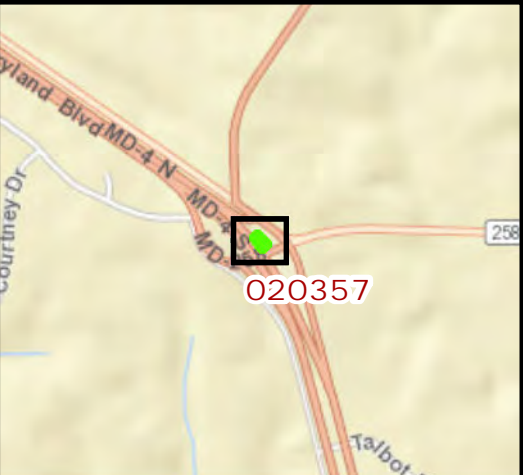
Infiltration trench



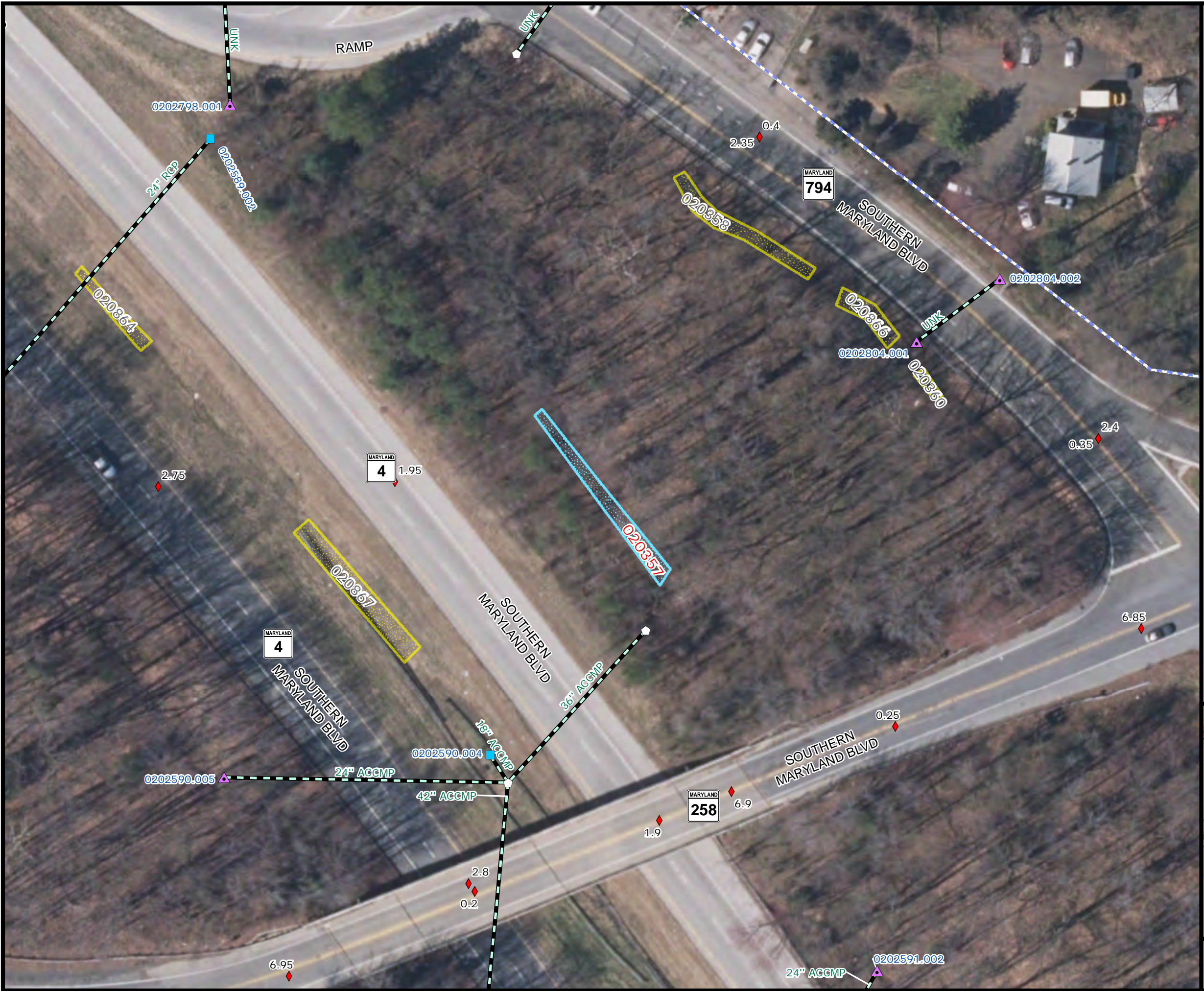
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020358

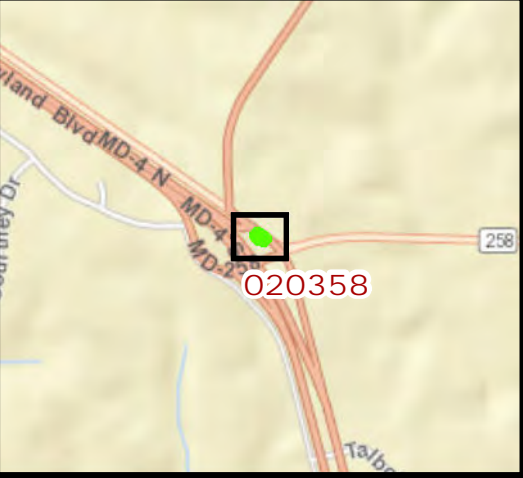
Infiltration trench



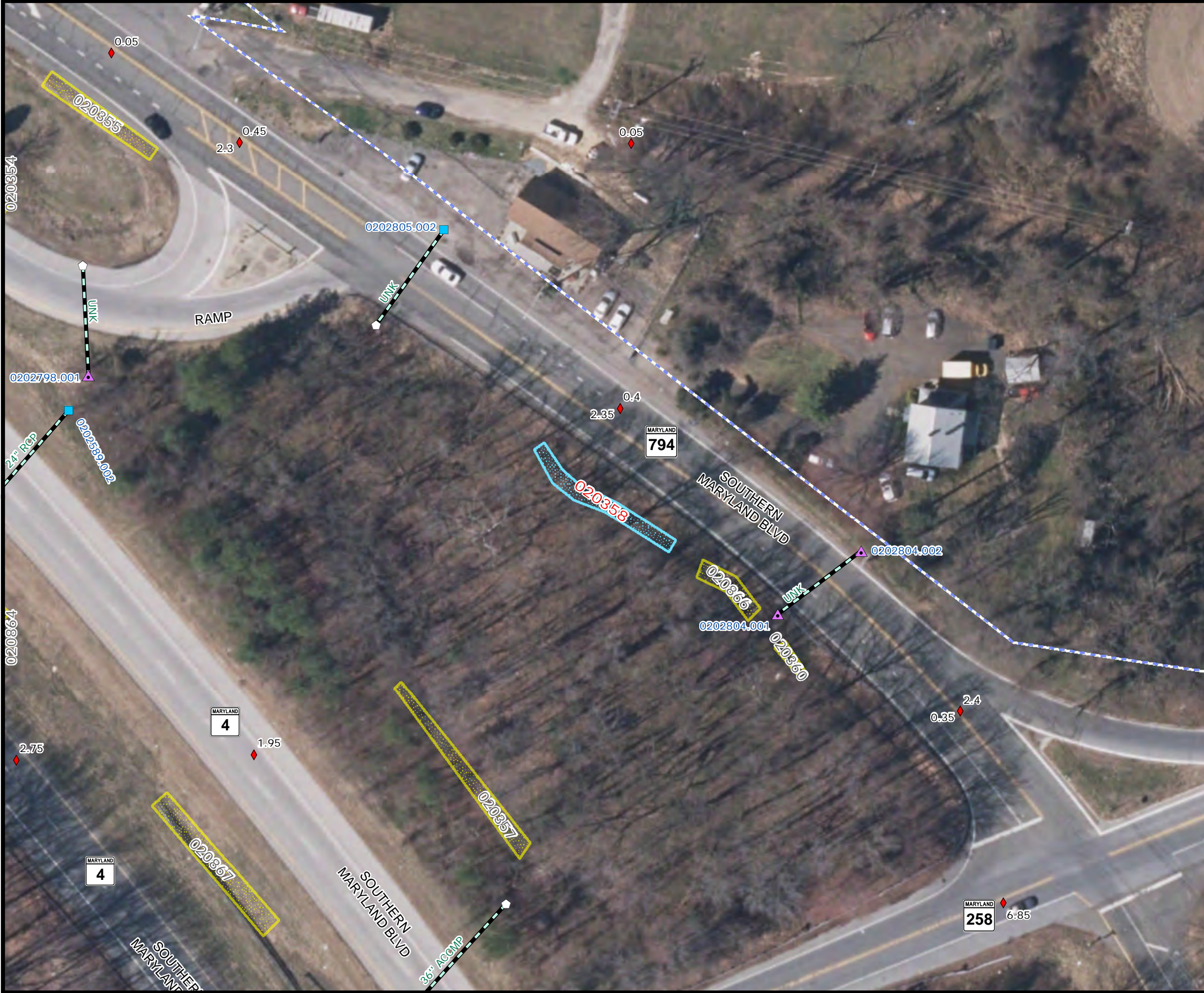
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020360

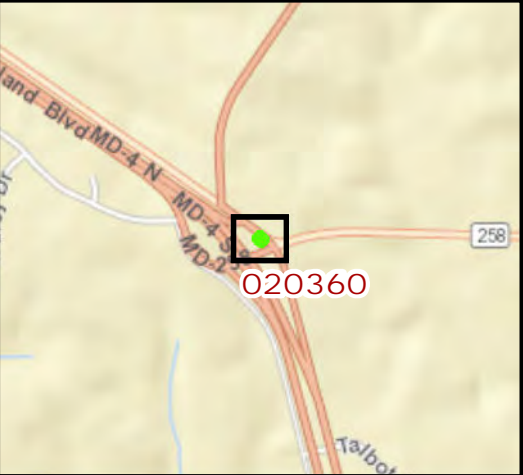
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020388

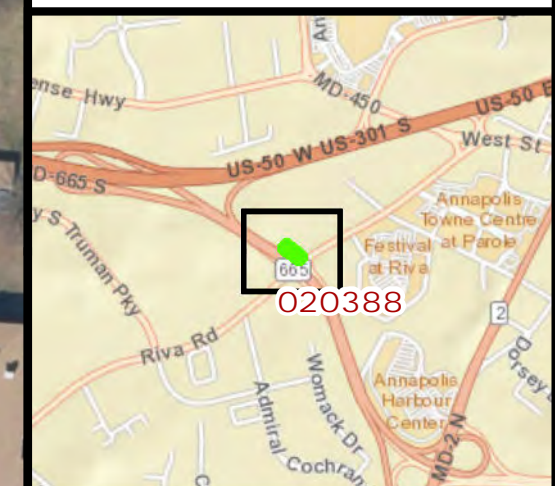
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020389

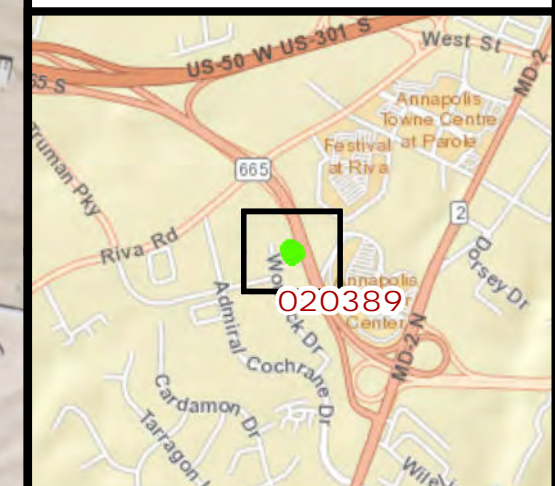
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



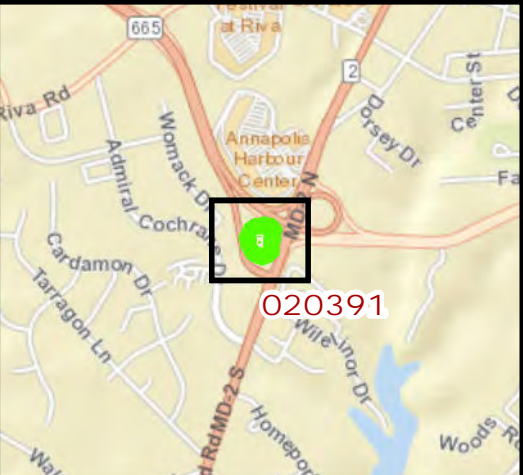
SHA SWM Facility
020391
Wet pond



1 inch = 100 feet

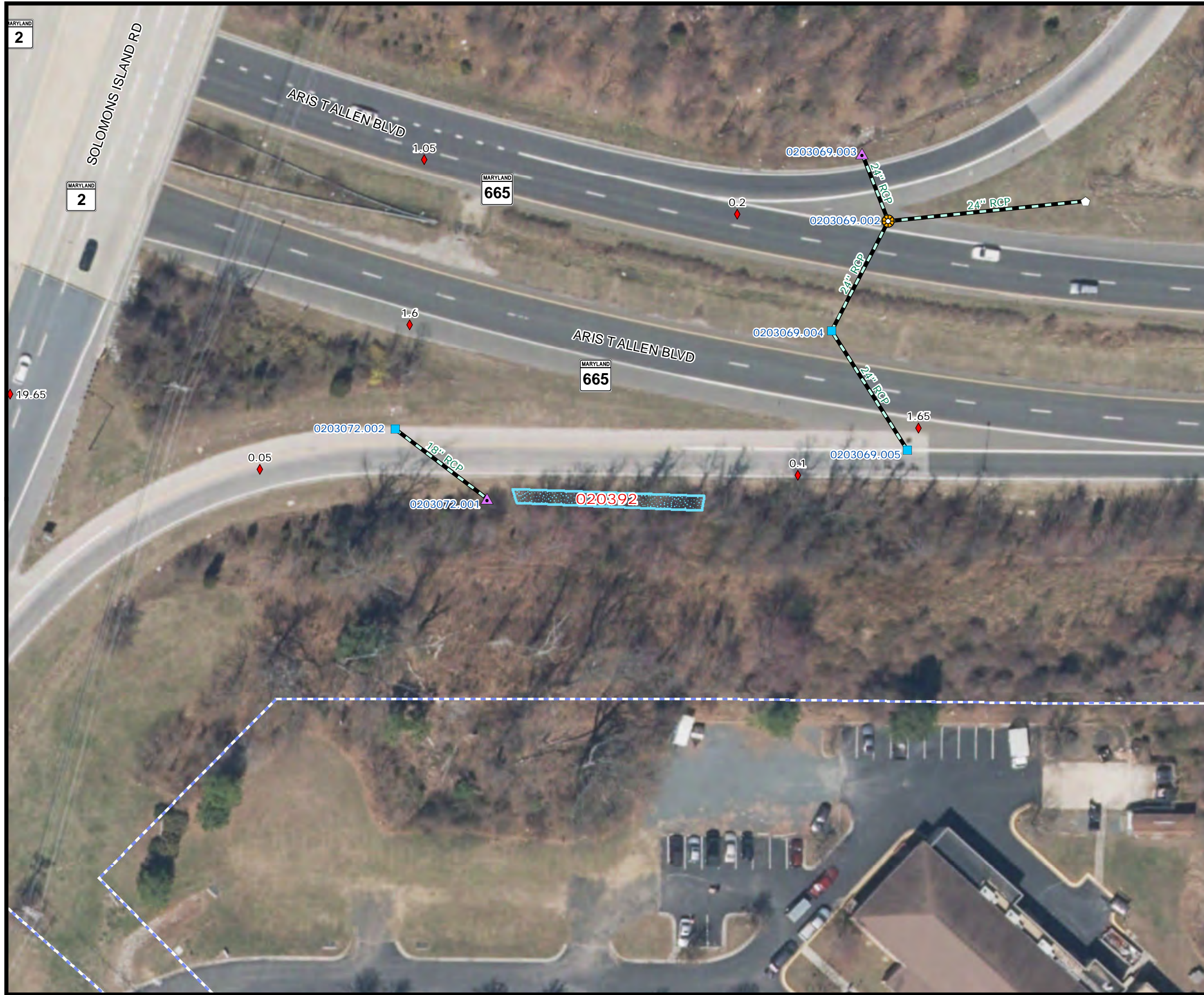


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



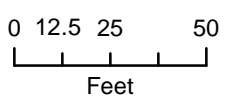
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020392

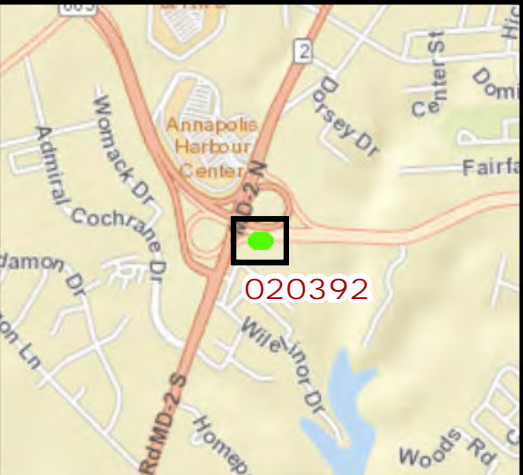
Infiltration trench



1 inch = 50 feet



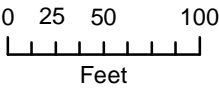
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020393

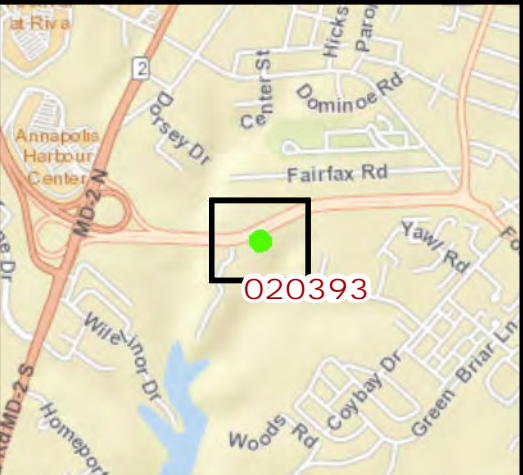
Infiltration basin



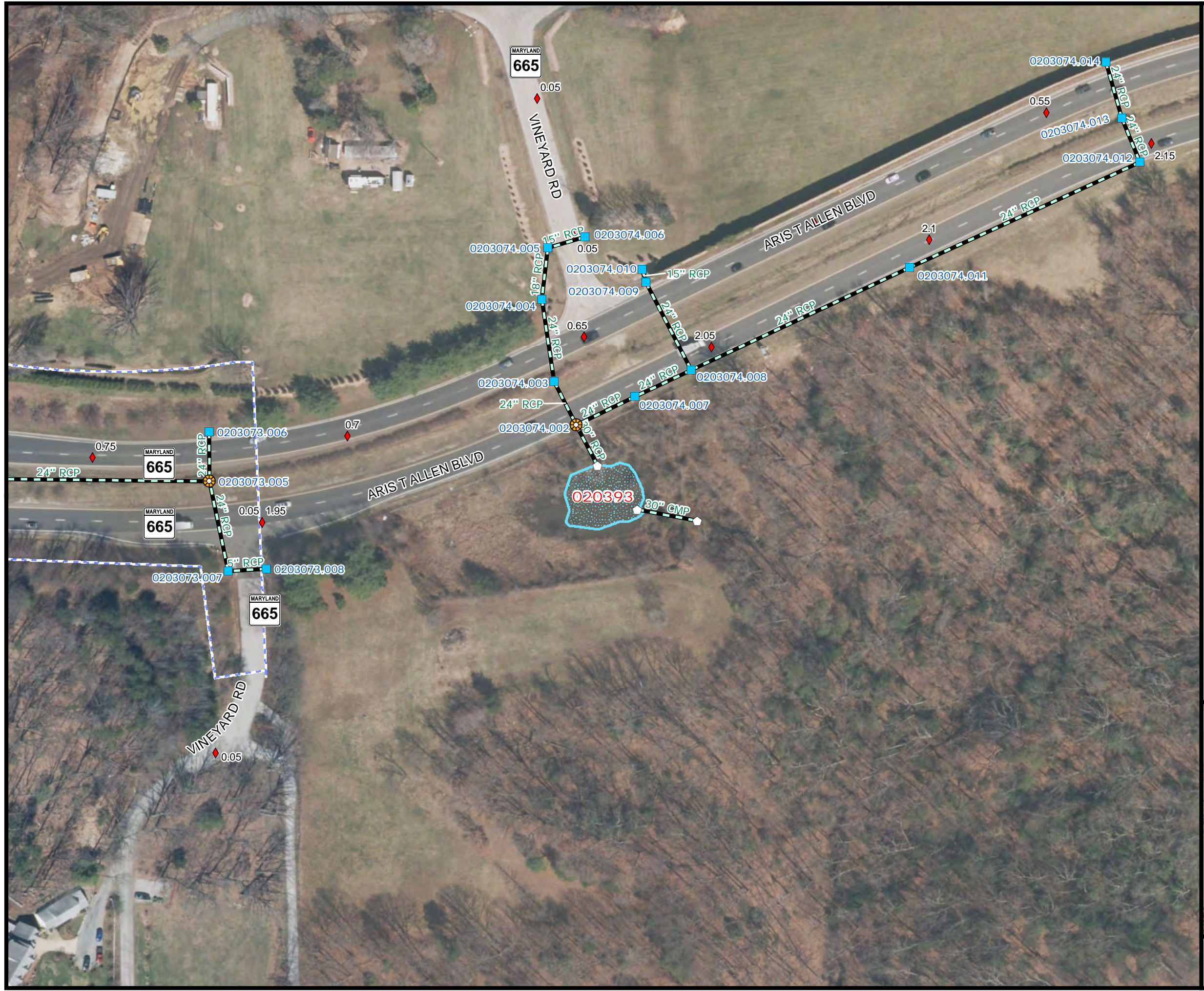
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

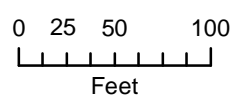


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020394

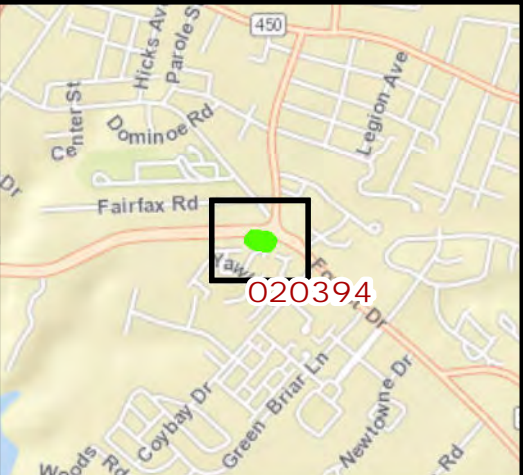
Infiltration basin



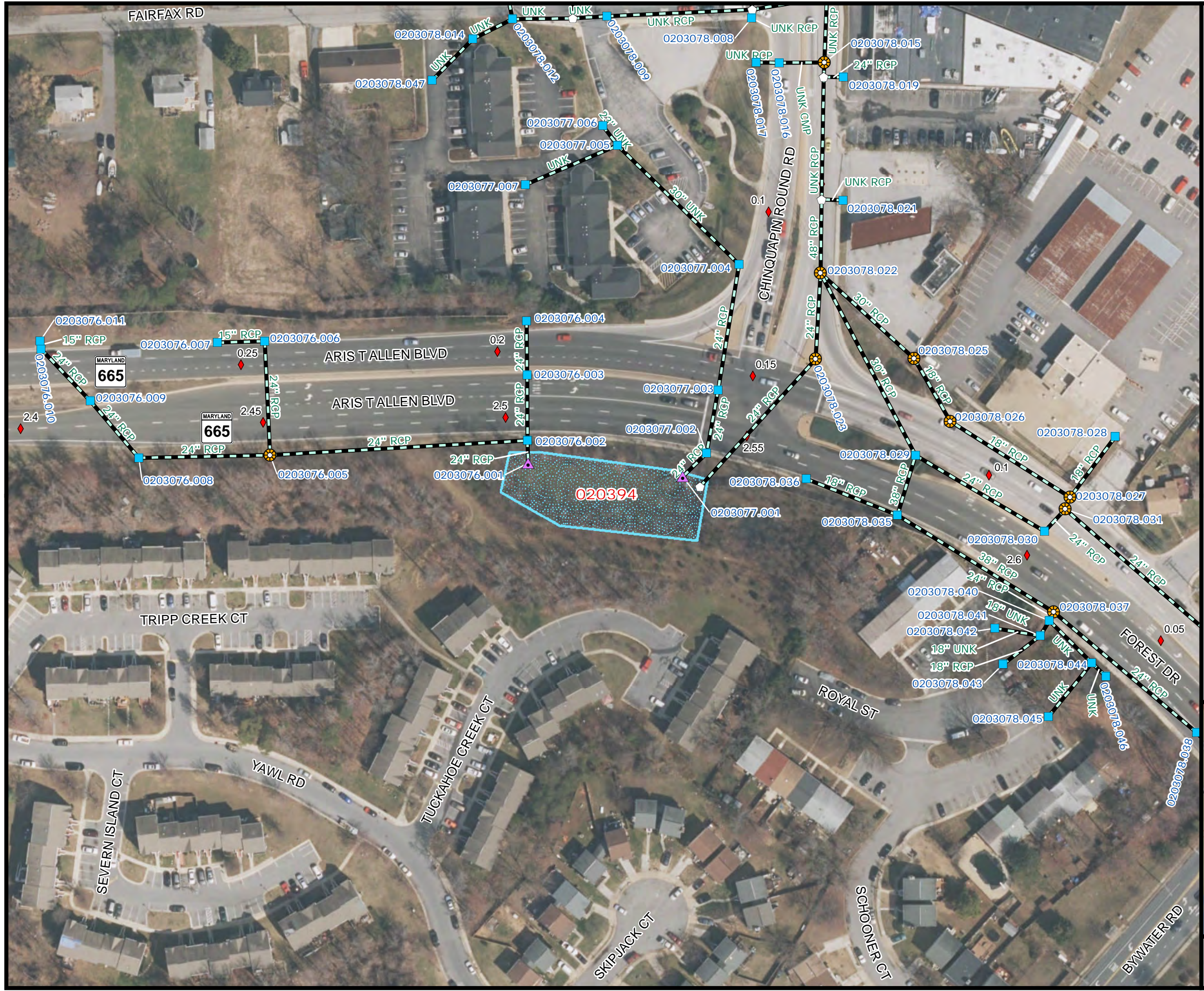
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020396

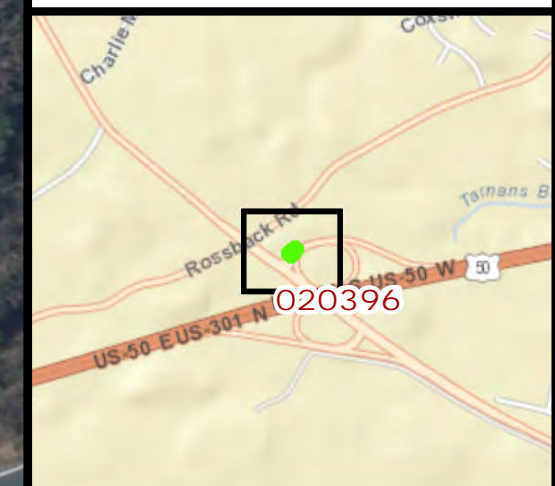
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



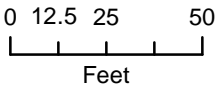
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020397

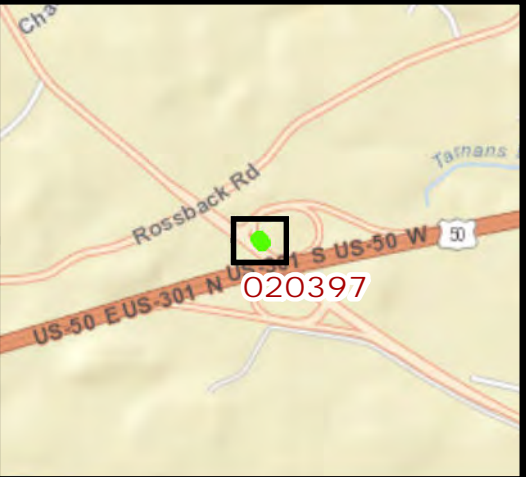
Infiltration trench



1 inch = 50 feet



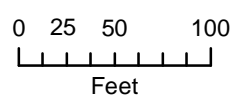
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020398

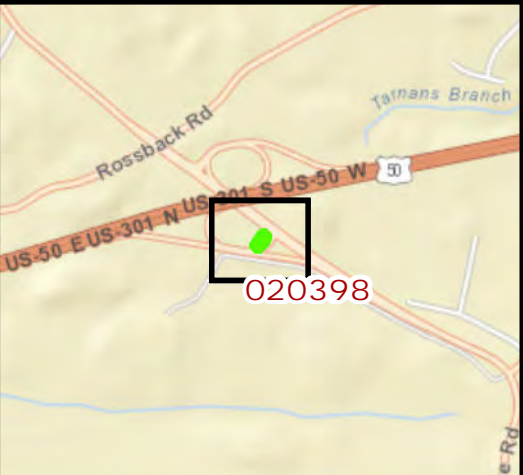
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020399

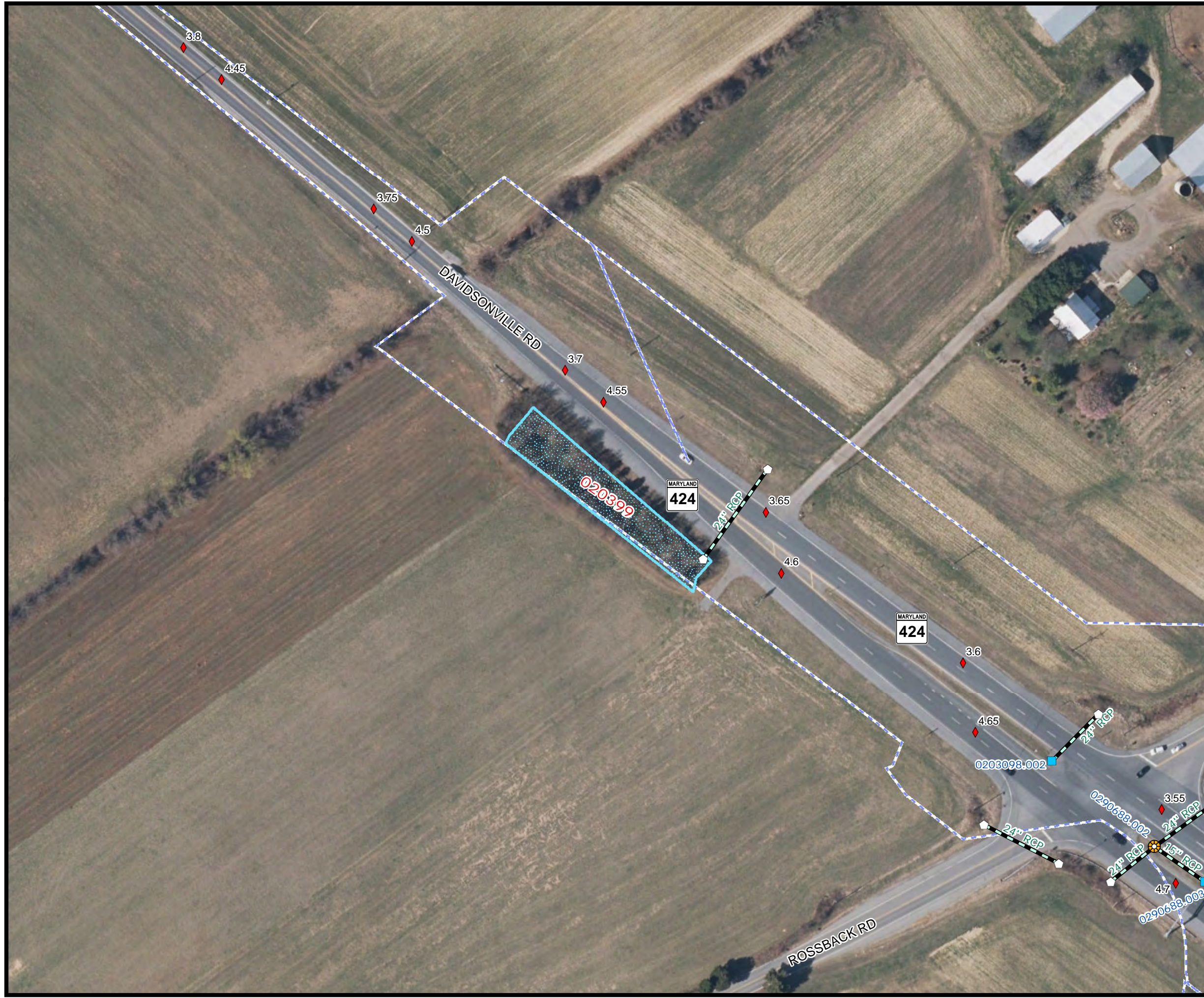
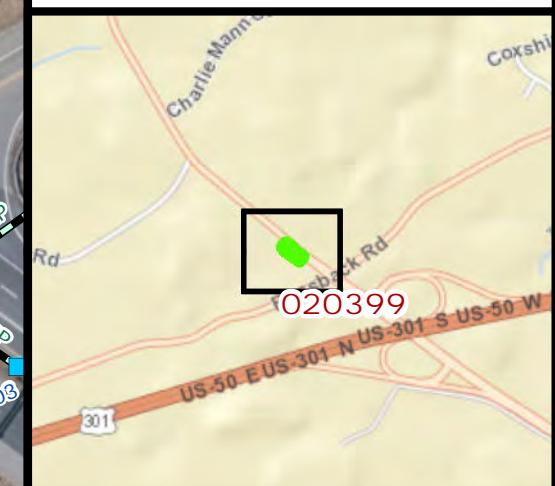
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020400

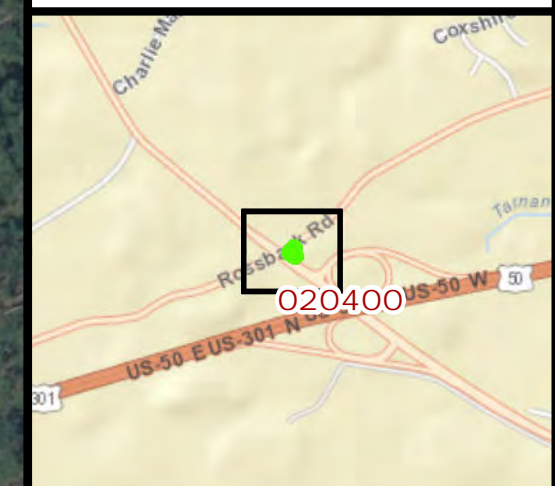
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020401

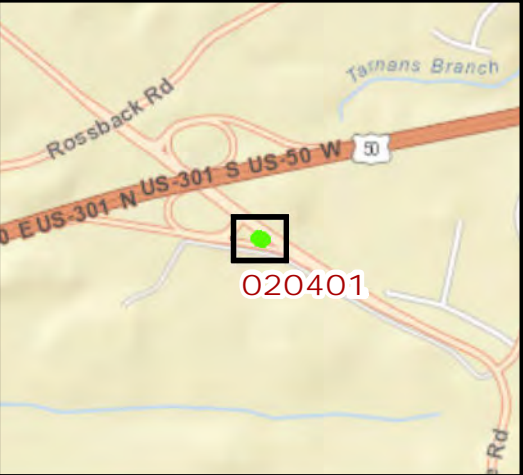
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



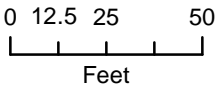
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020402

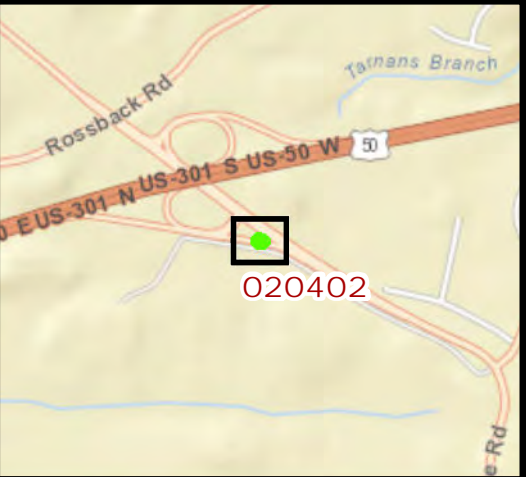
Infiltration trench



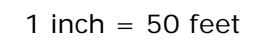
1 inch = 50 feet













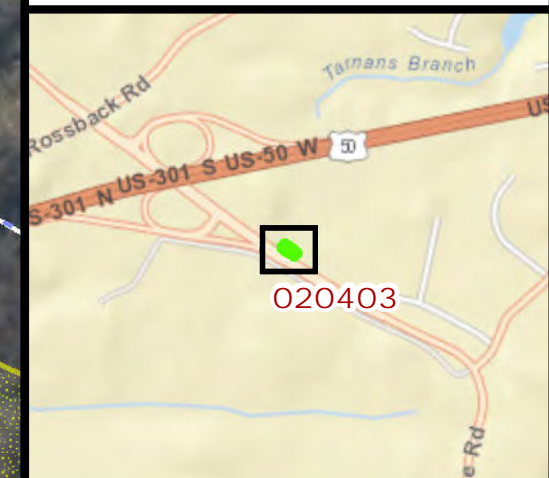
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



Infiltration trench



-  Manhole
-  Inlet
-  End/Headwall
-  Other Structure
-  Pipe
-  Milepoint
-  Facility Footprint
-  Nearby Facilities
-  Approx SHA Right-of-Way
-  Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

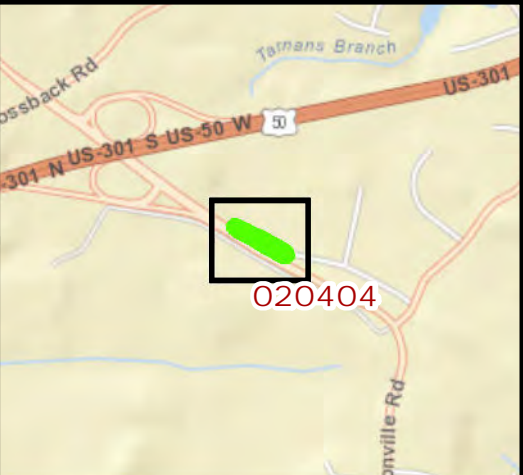
SHA SWM Facility
020404
Dry pond



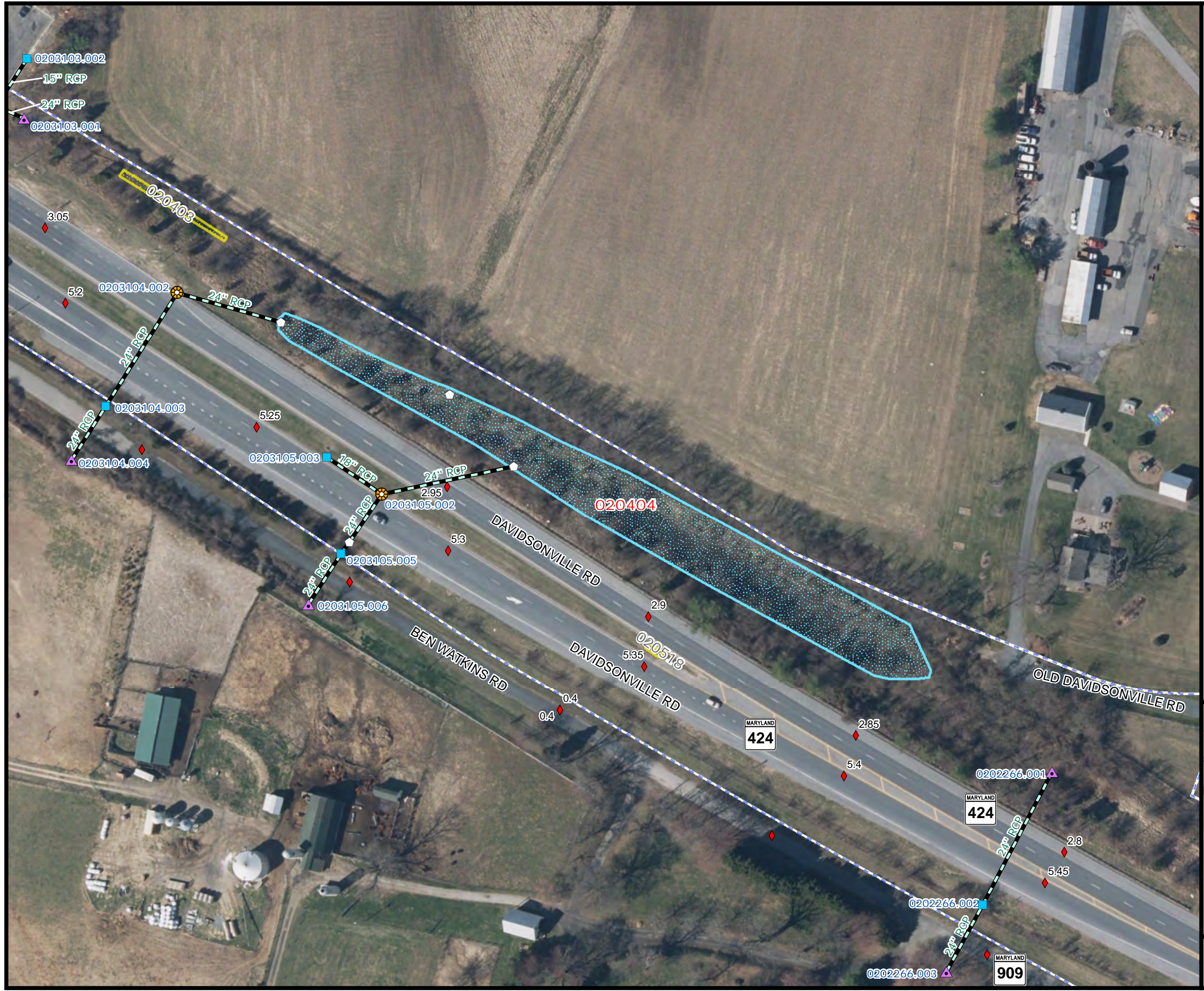
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

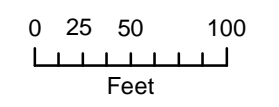


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020406

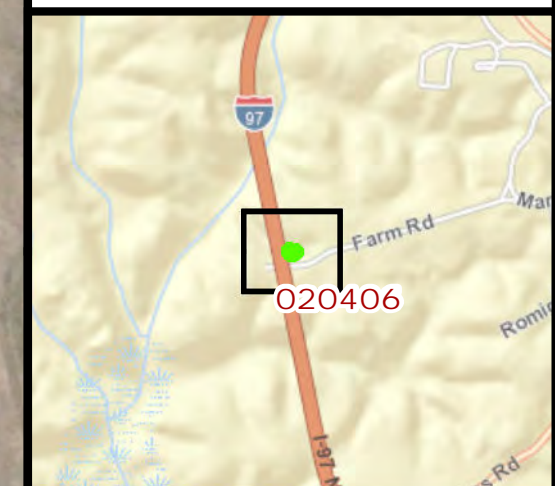
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



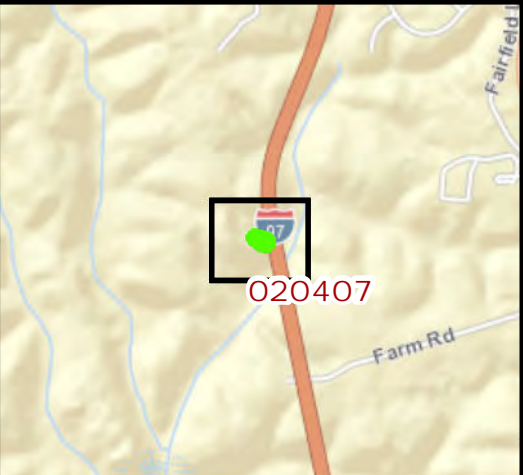
SHA SWM Facility
020407
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



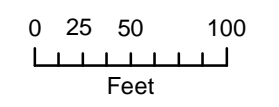
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020416

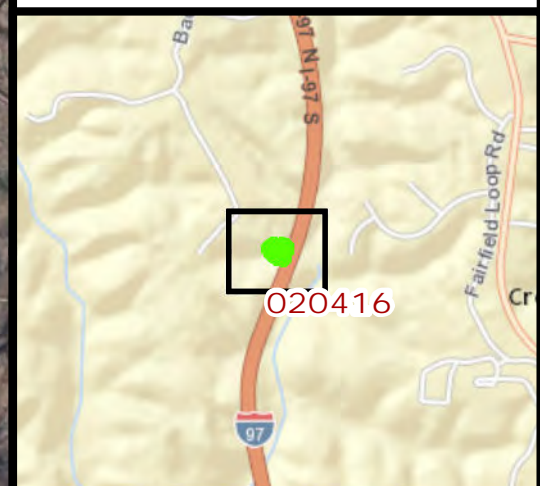
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020417

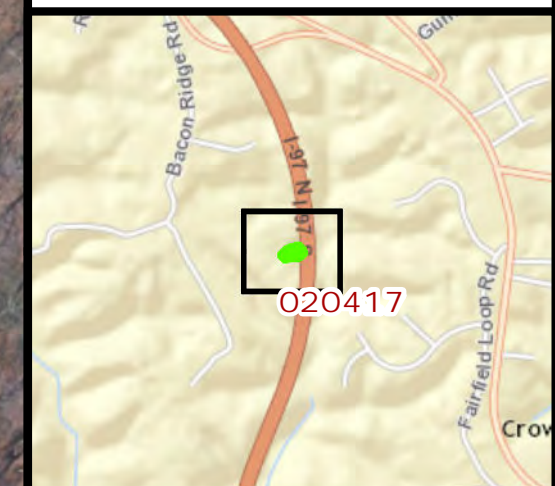
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



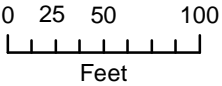
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020419

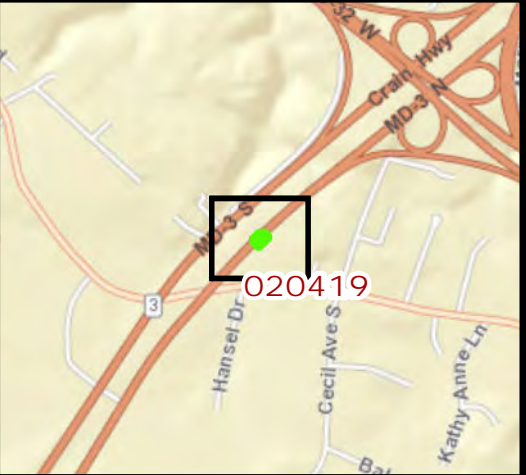
Infiltration trench



1 inch = 100 feet



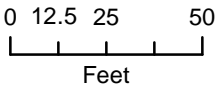
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020420

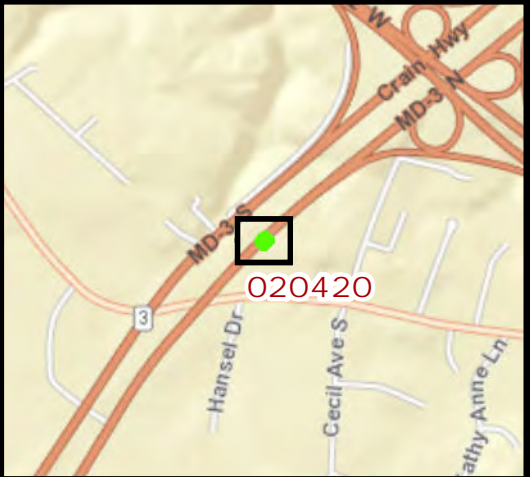
Infiltration trench



1 inch = 50 feet



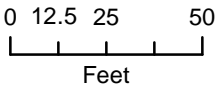
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020421

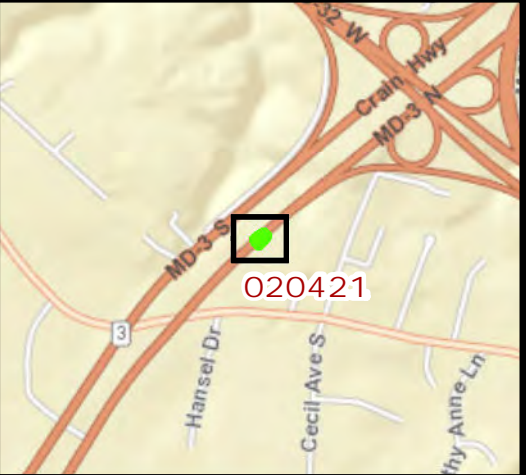
Infiltration trench



1 inch = 50 feet

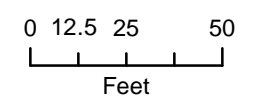


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020422

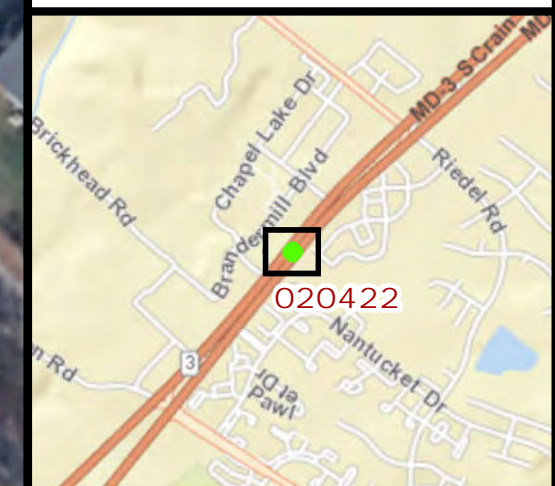
Infiltration basin



1 inch = 50 feet

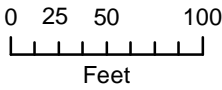


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020423

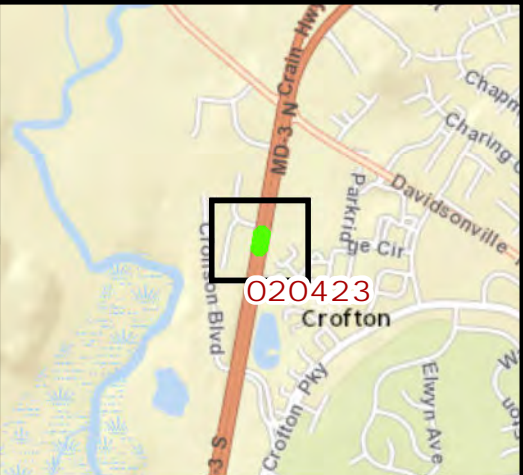
Infiltration trench



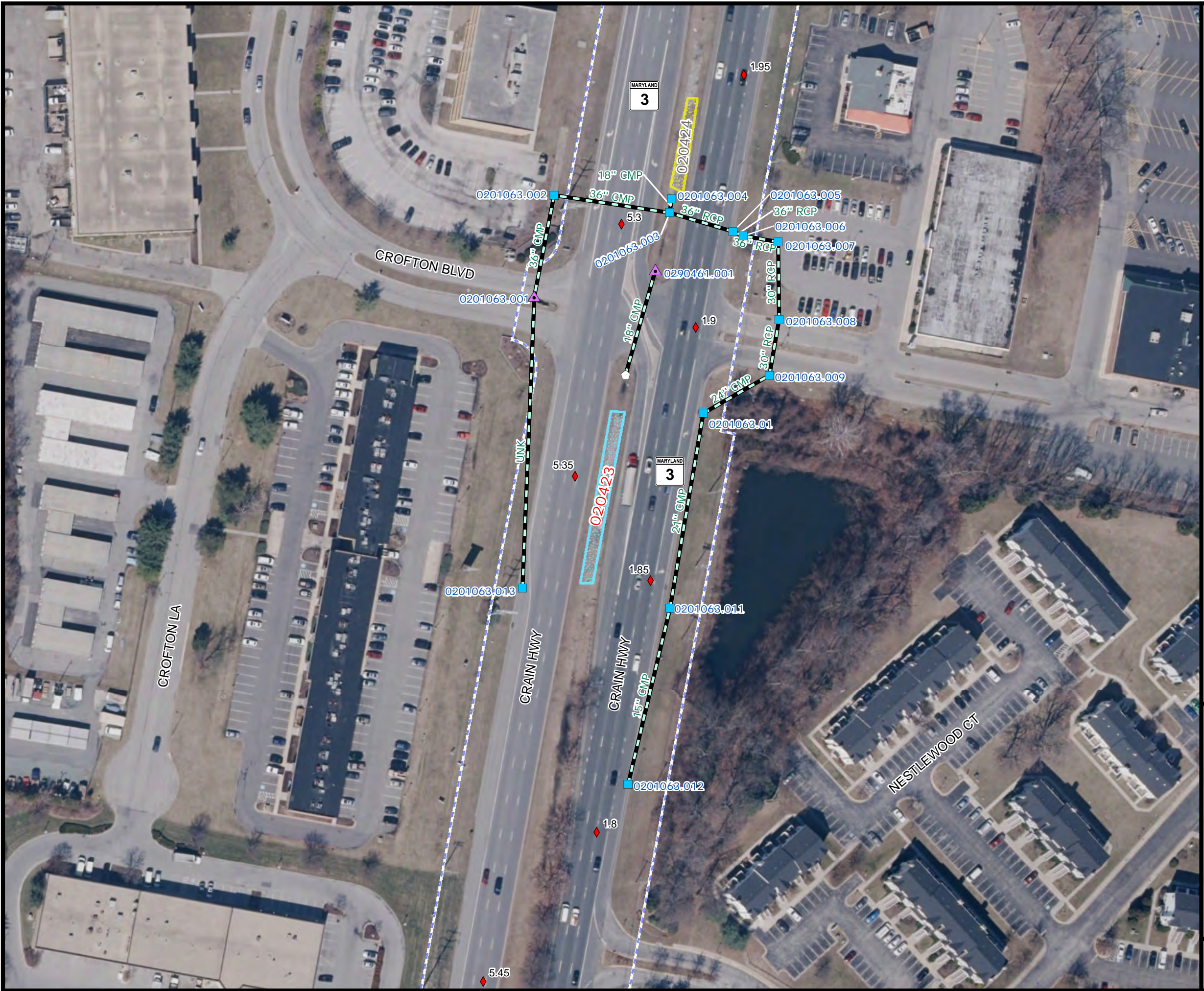
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020424

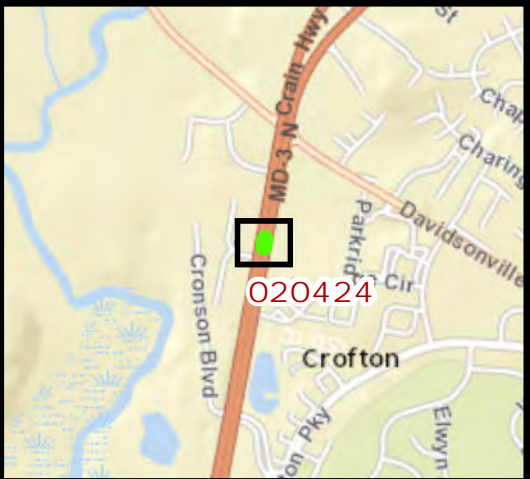
Infiltration trench



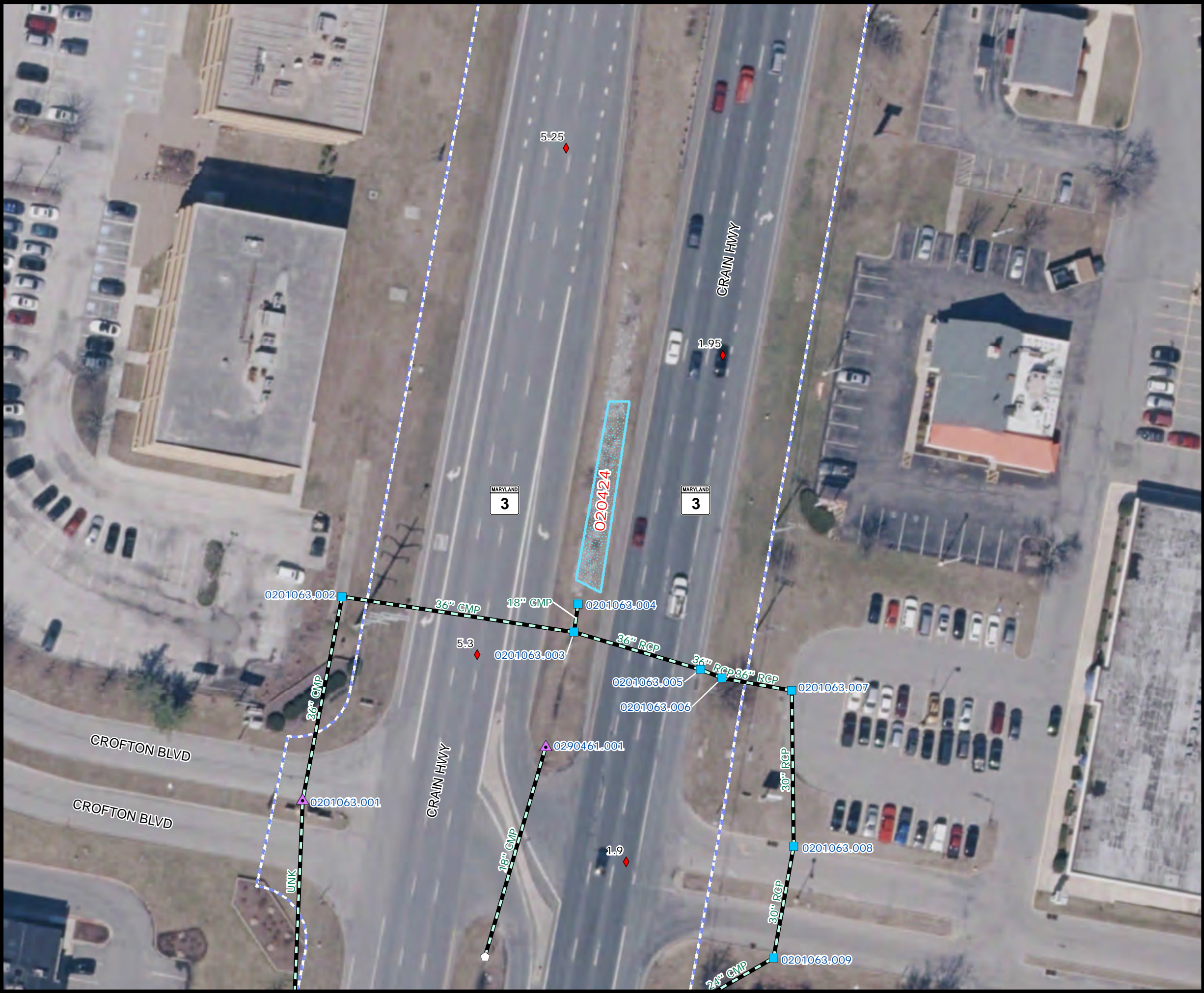
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020425

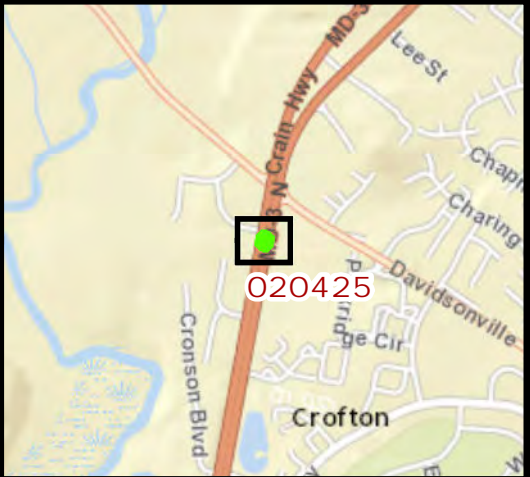
Infiltration trench



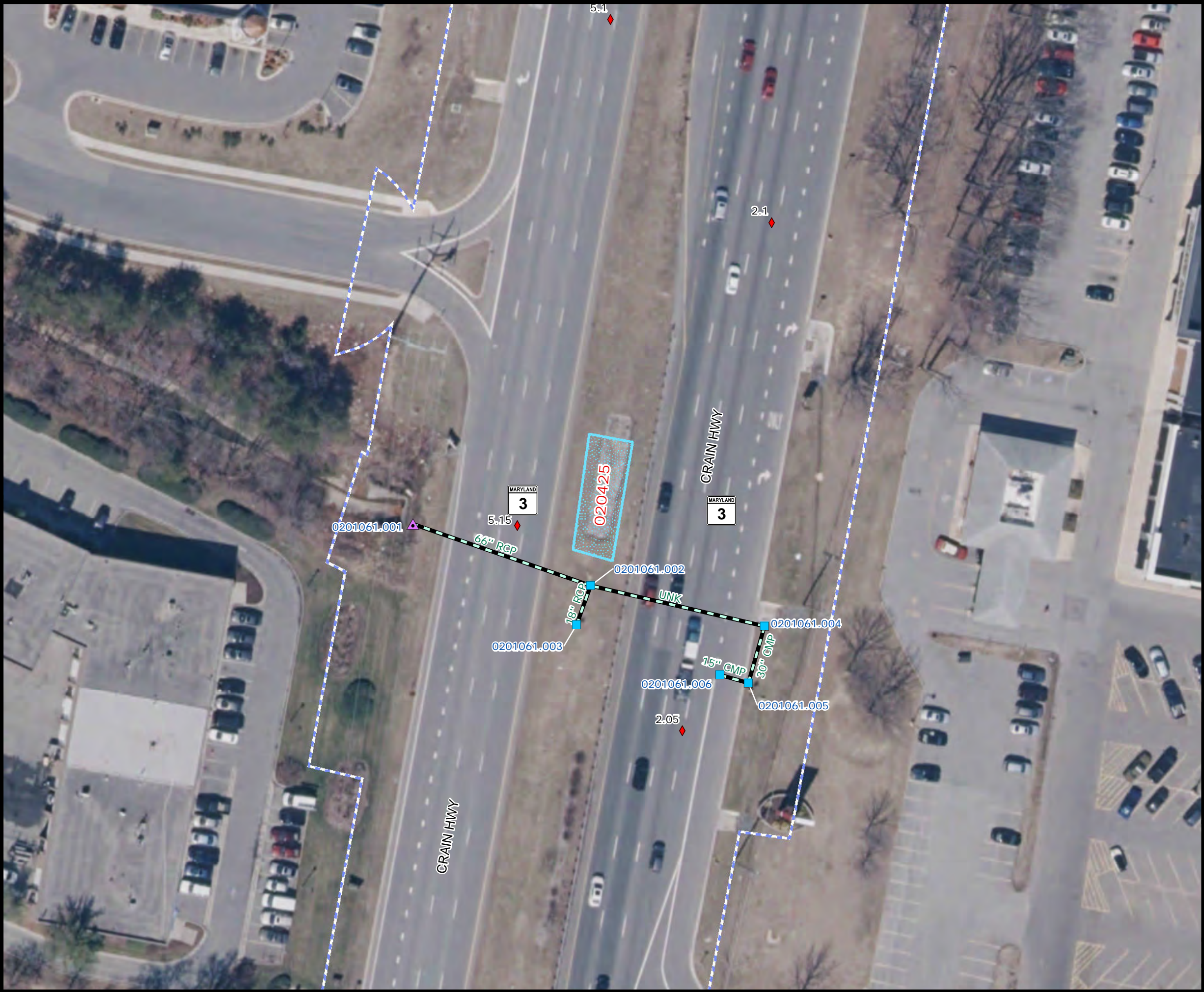
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

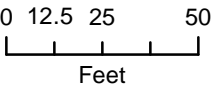


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020426

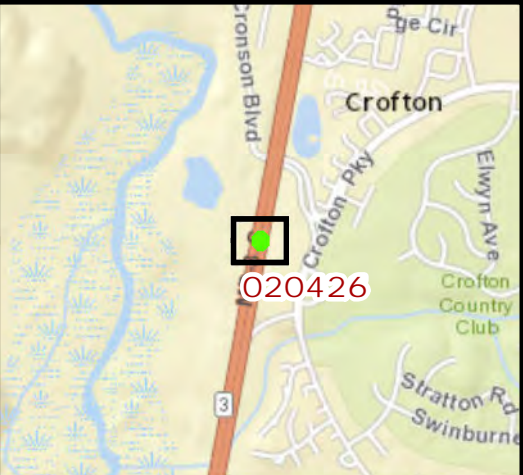
Infiltration trench



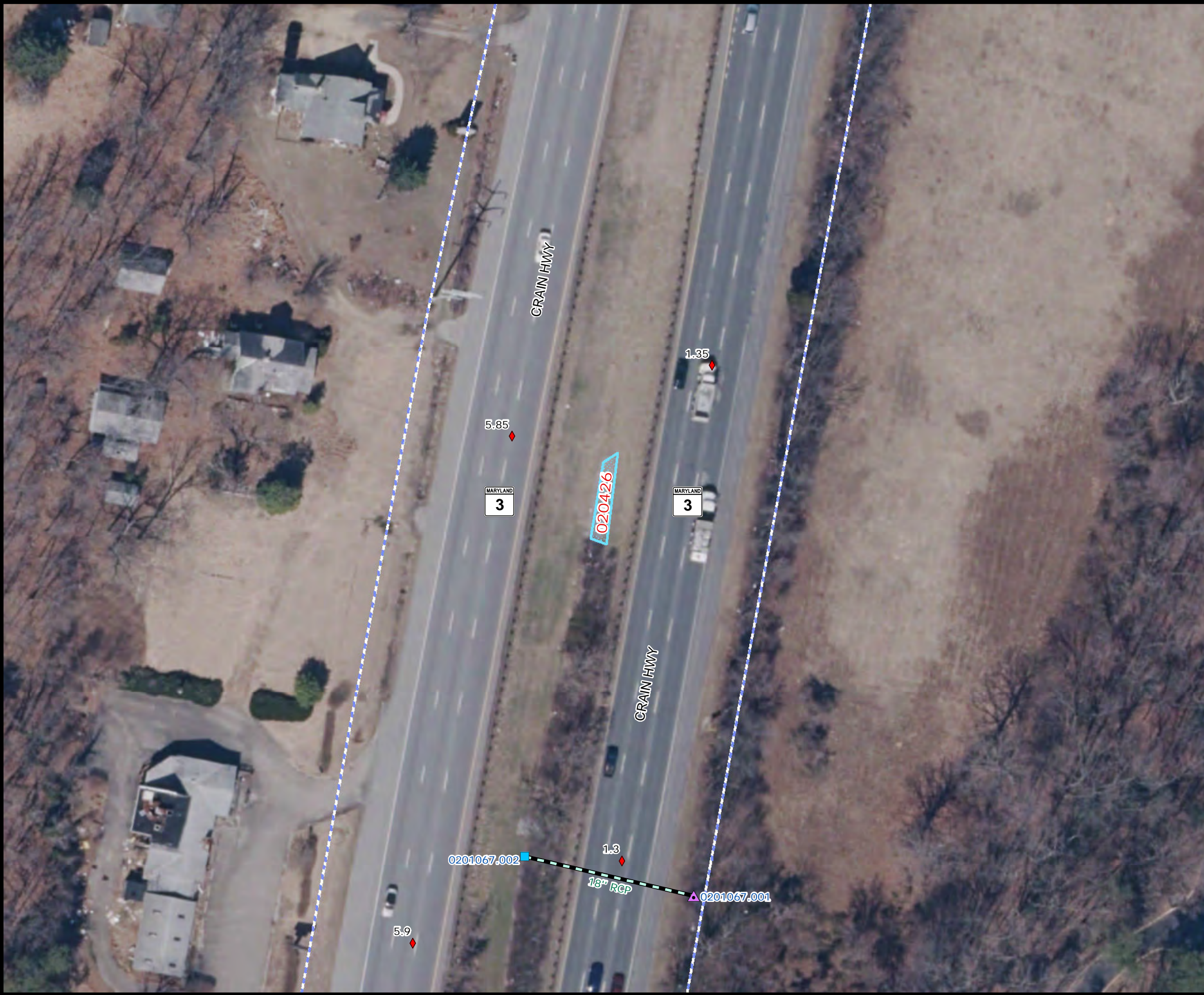
1 inch = 50 feet



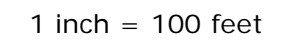
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary













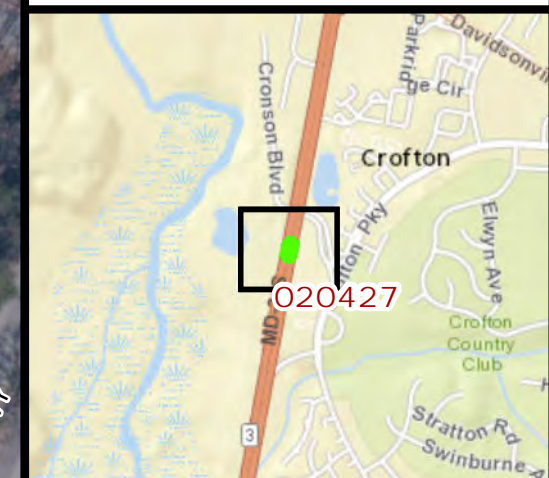
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



Infiltration trench



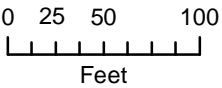
- | | |
|---|-------------------------|
|  | Manhole |
|  | Inlet |
|  | End/Headwall |
|  | Other Structure |
|  | Pipe |
|  | Milepoint |
|  | Facility Footprint |
|  | Nearby Facilities |
|  | Approx SHA Right-of-Way |
|  | Shop Boundary |



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020428

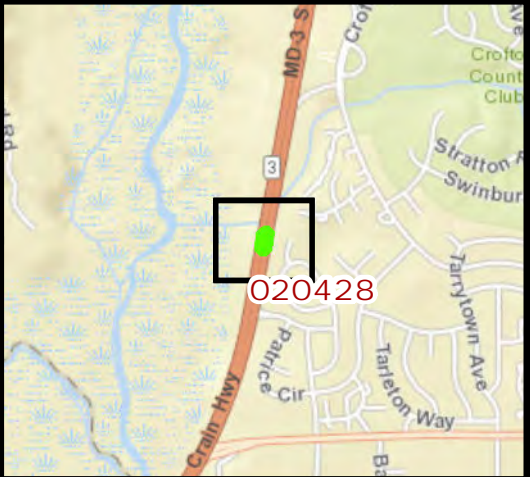
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

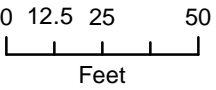


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020429

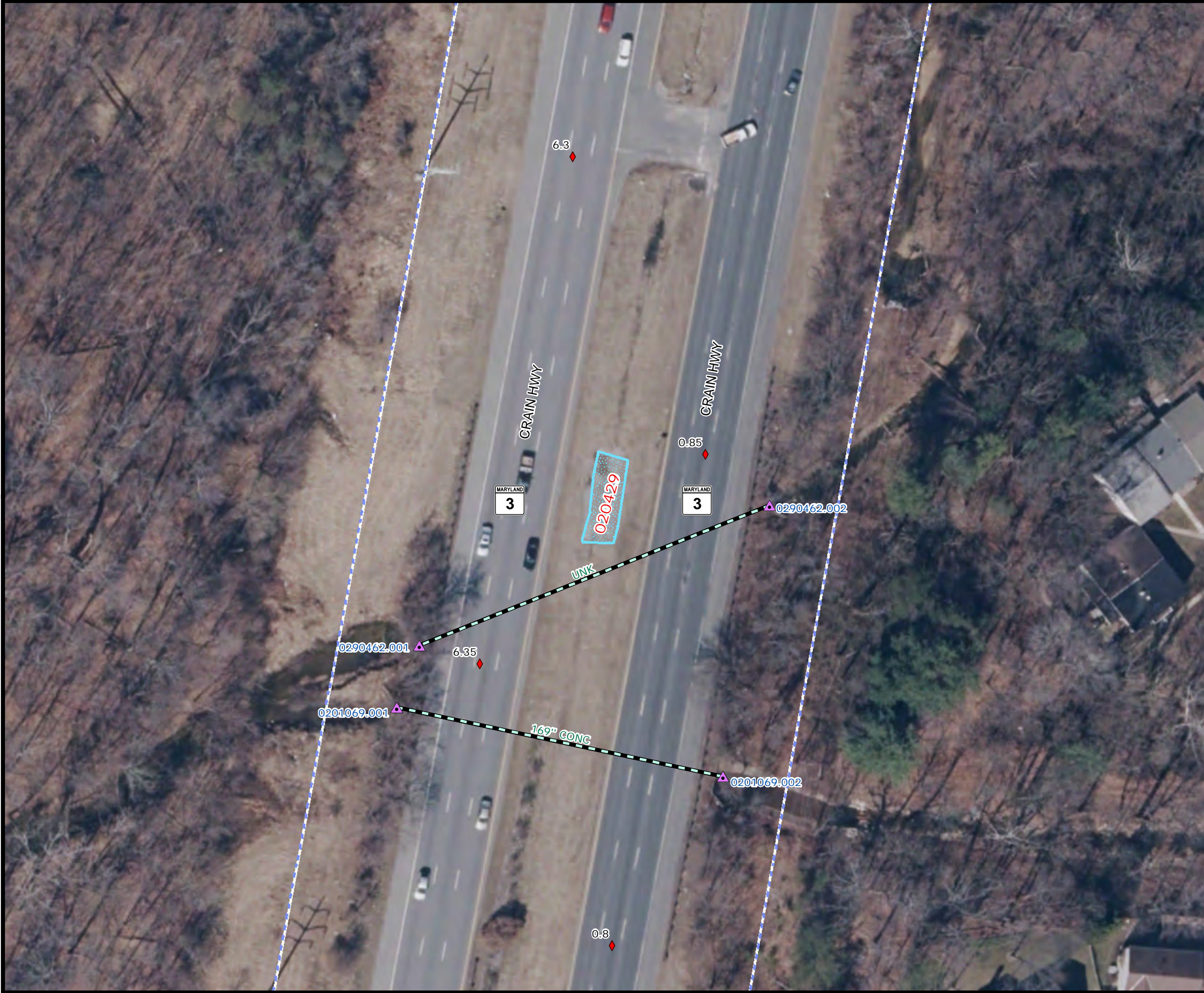
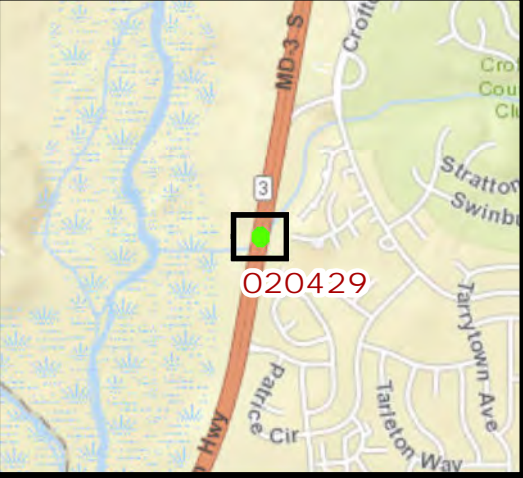
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



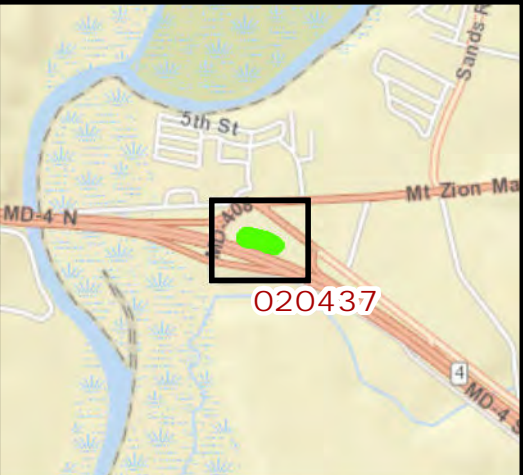
SHA SWM Facility
020437
Infiltration basin



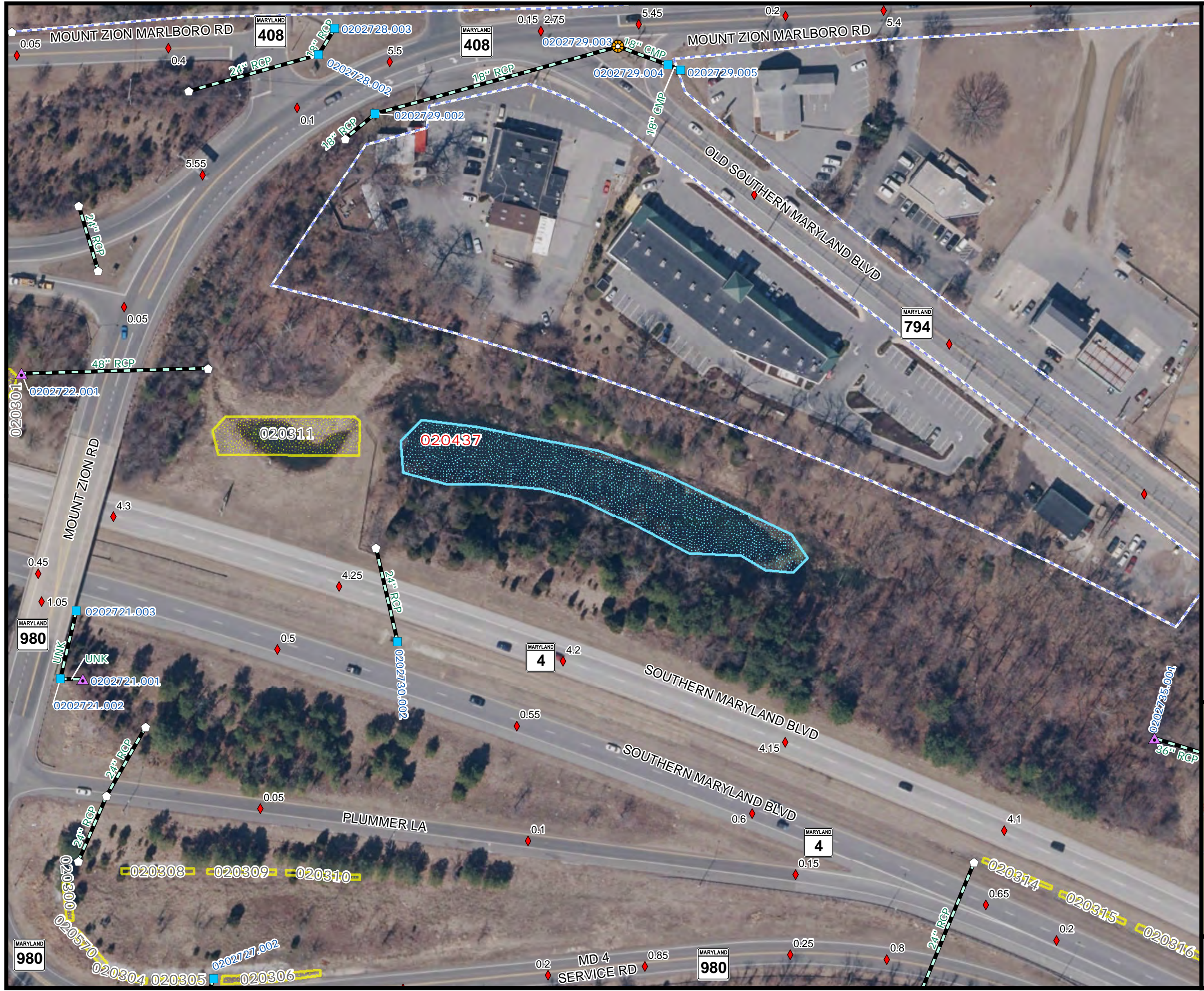
1 inch = 100 feet



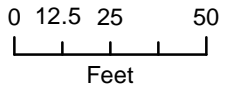
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



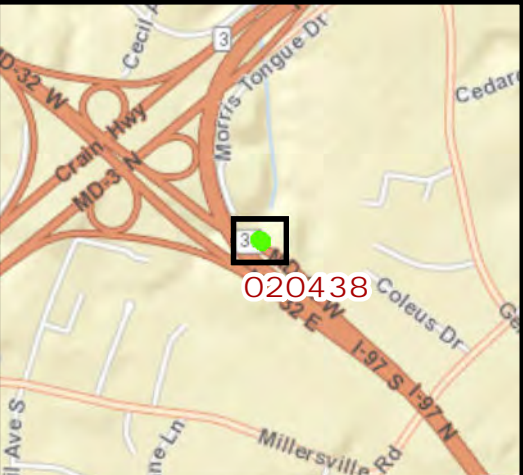
SHA SWM Facility
020438
Dry pond



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020439

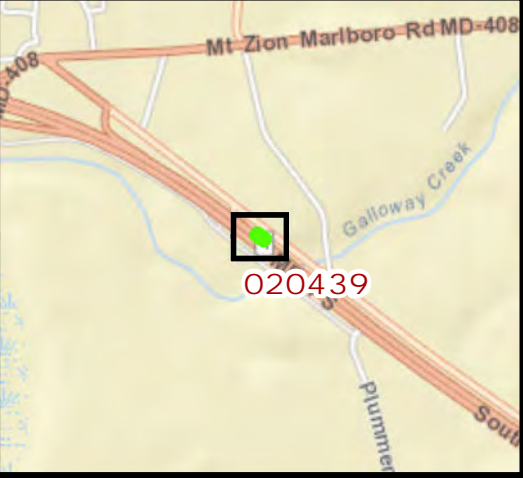
Infiltration trench



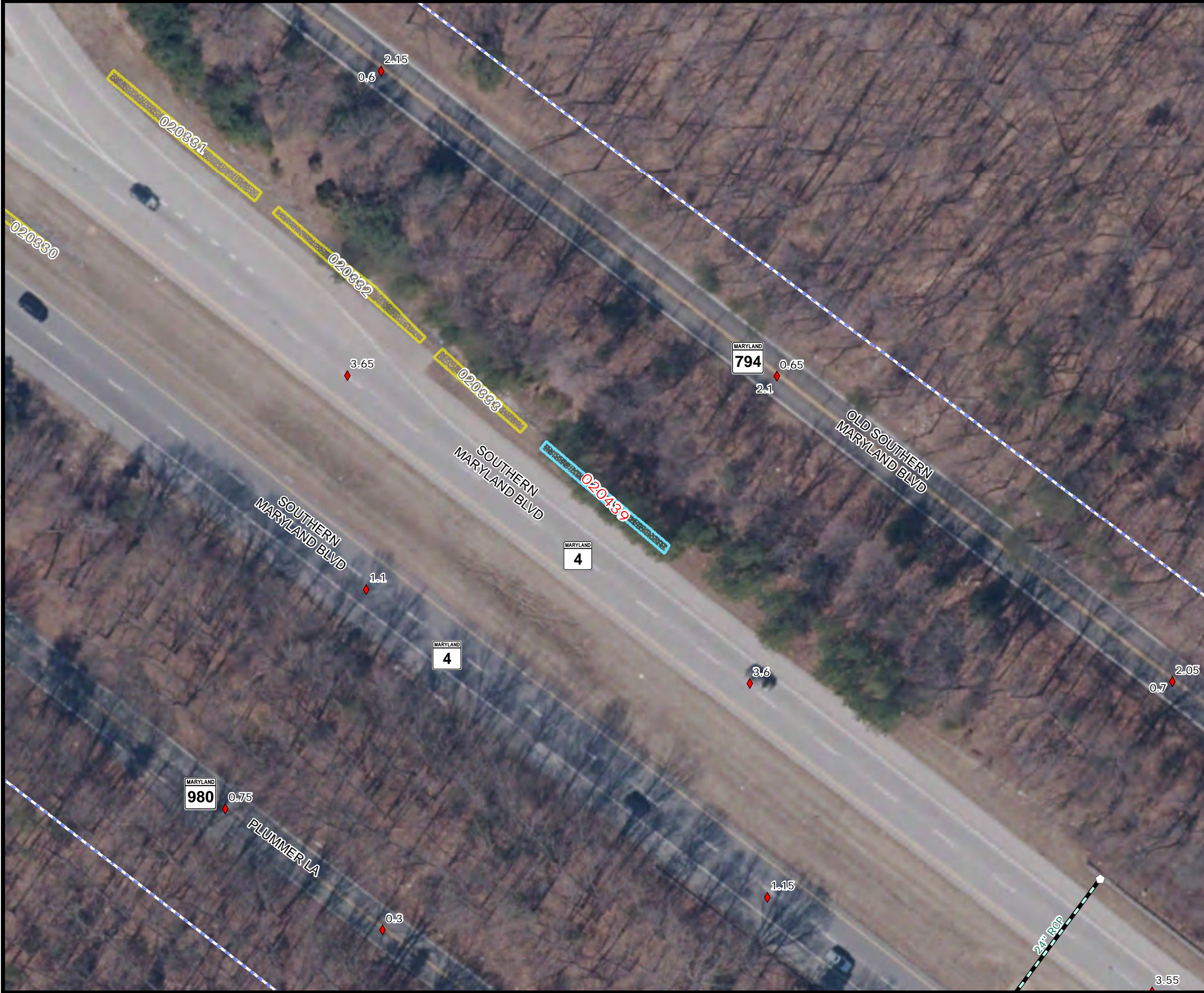
1 inch = 50 feet



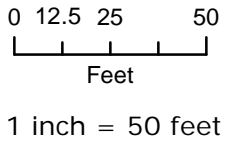
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



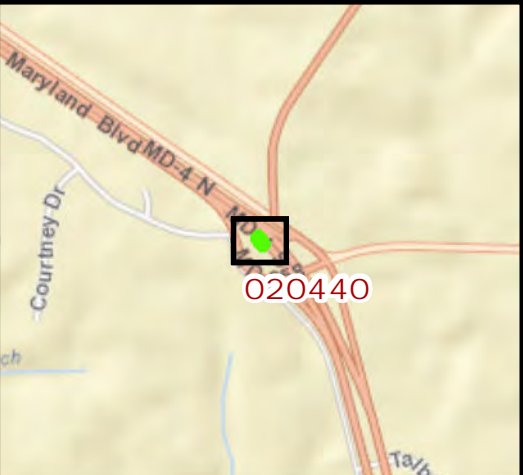
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

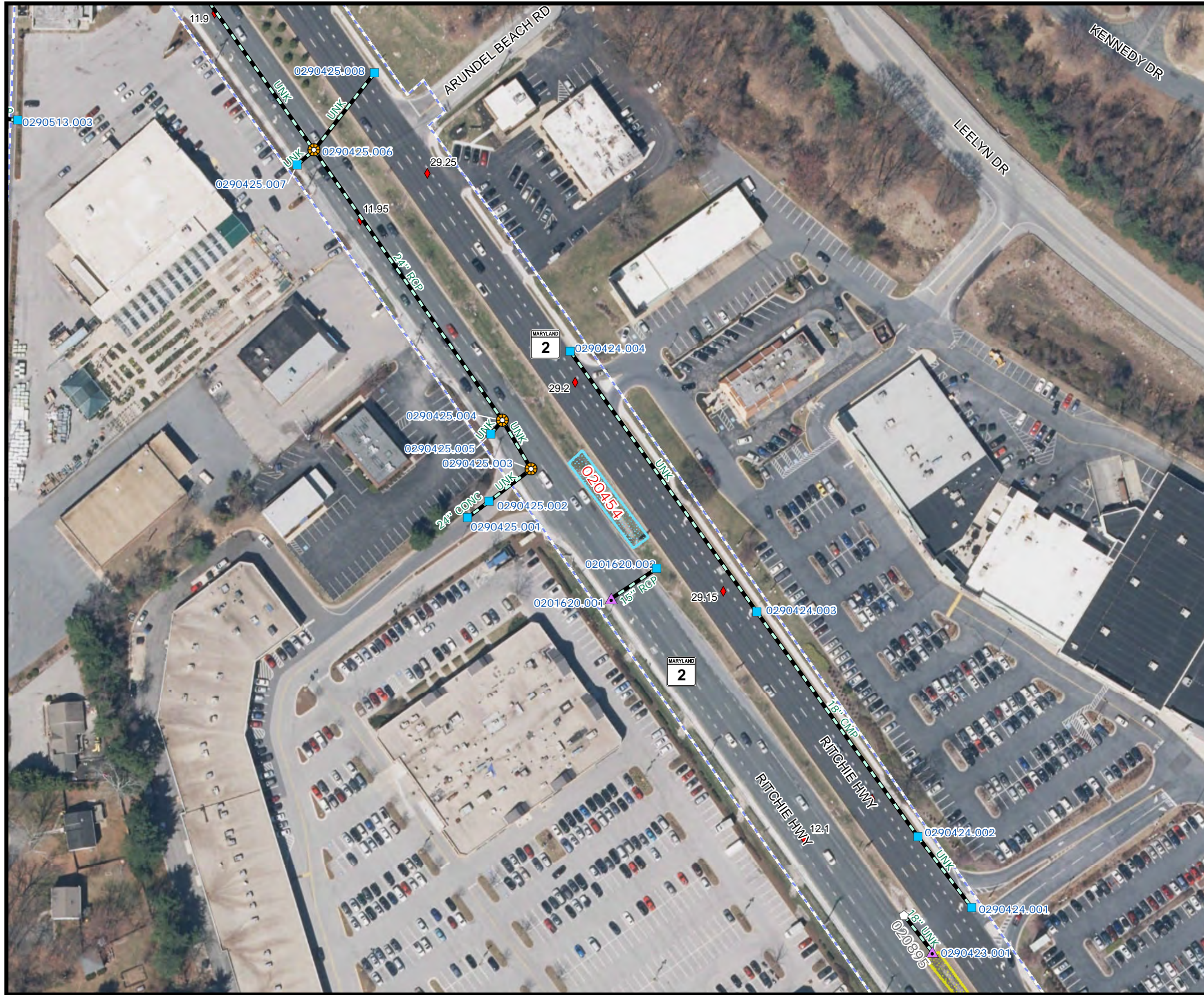


SHA SWM Facility
020440
Infiltration trench



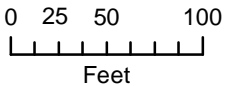
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020454

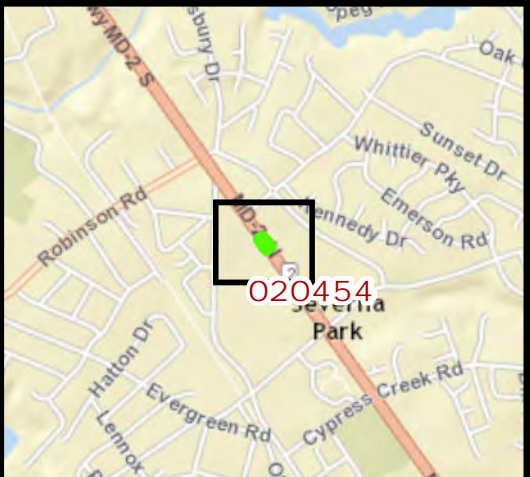
Infiltration trench



1 inch = 100 feet



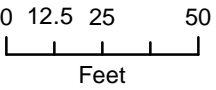
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020457

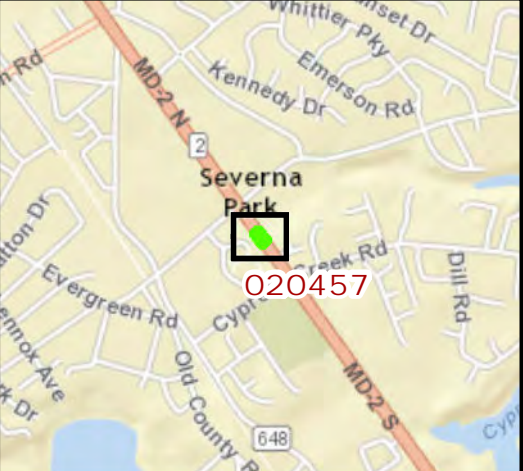
Infiltration trench



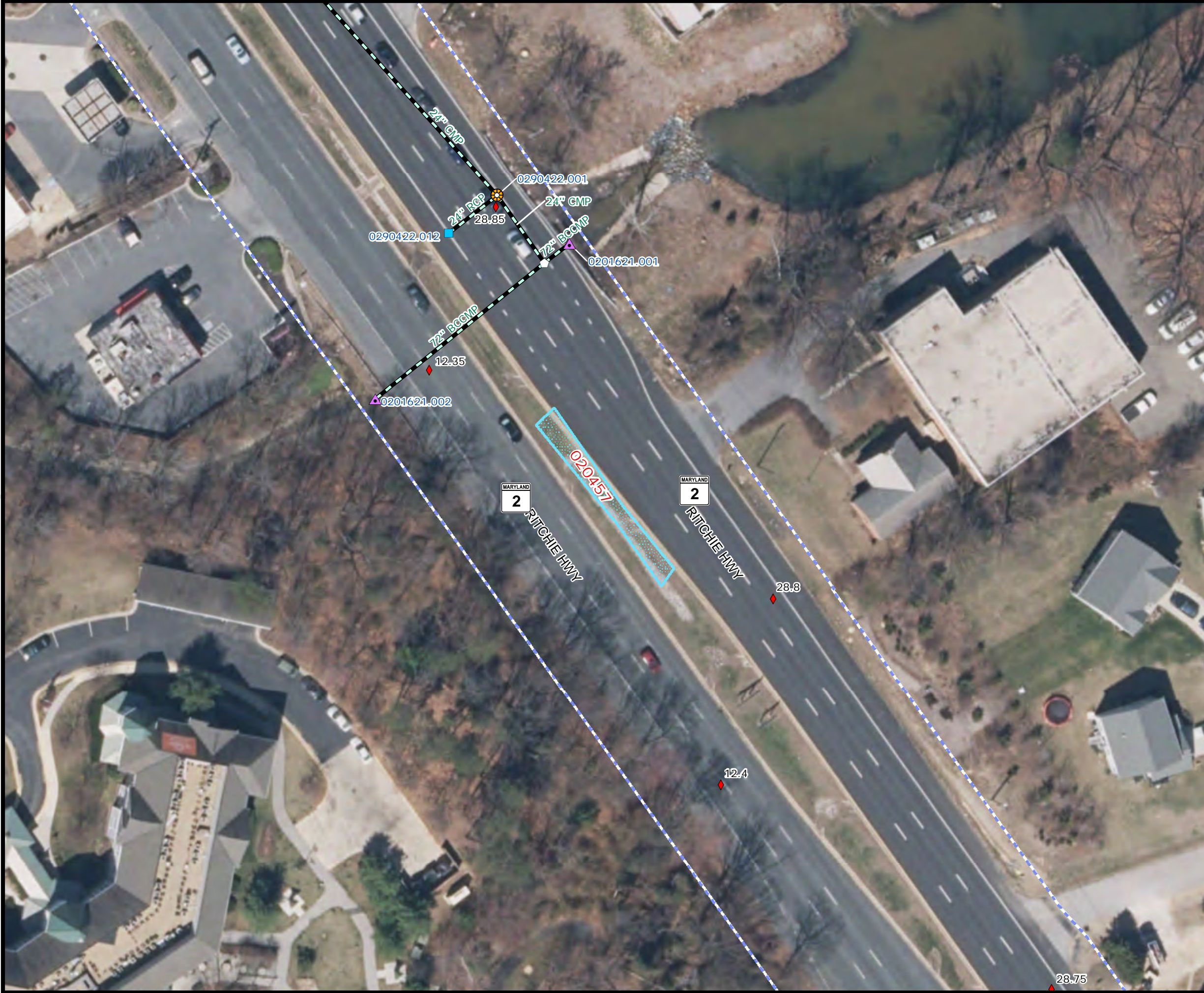
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020458

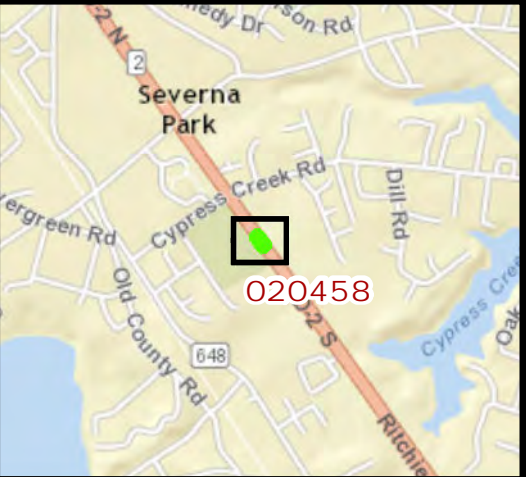
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



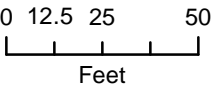
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020459

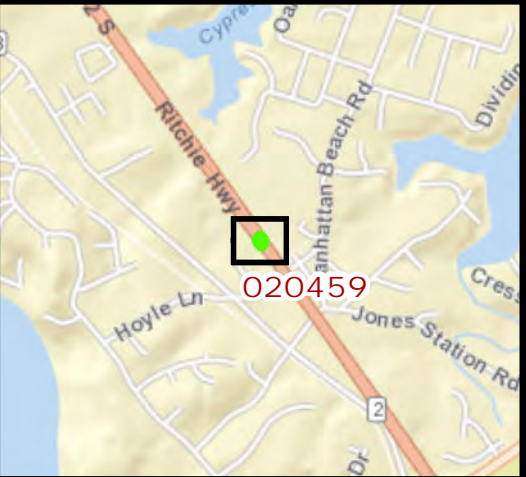
Infiltration trench



1 inch = 50 feet

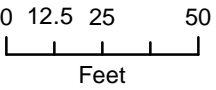


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020460

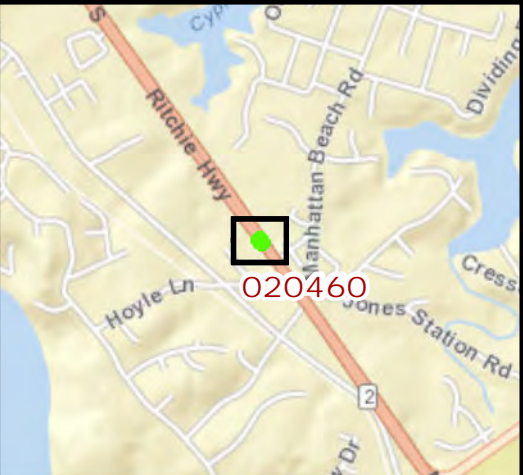
Infiltration trench



1 inch = 50 feet



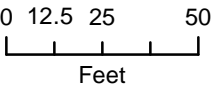
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020461

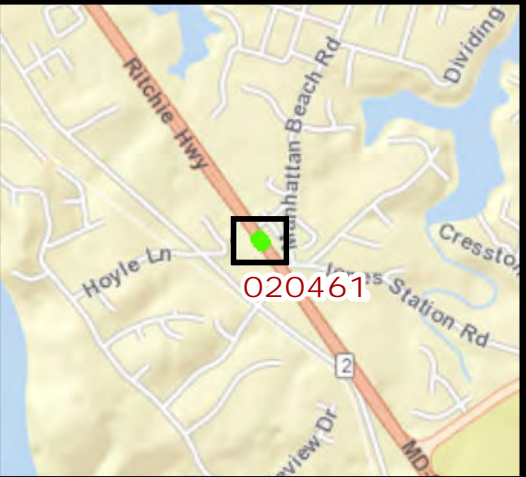
Infiltration trench



1 inch = 50 feet

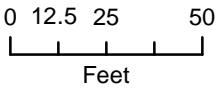


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020462

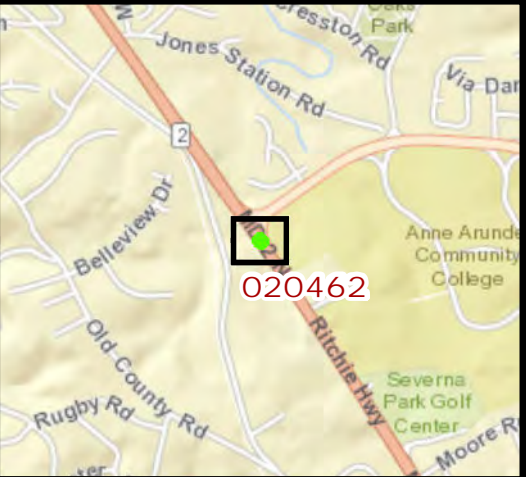
Infiltration trench



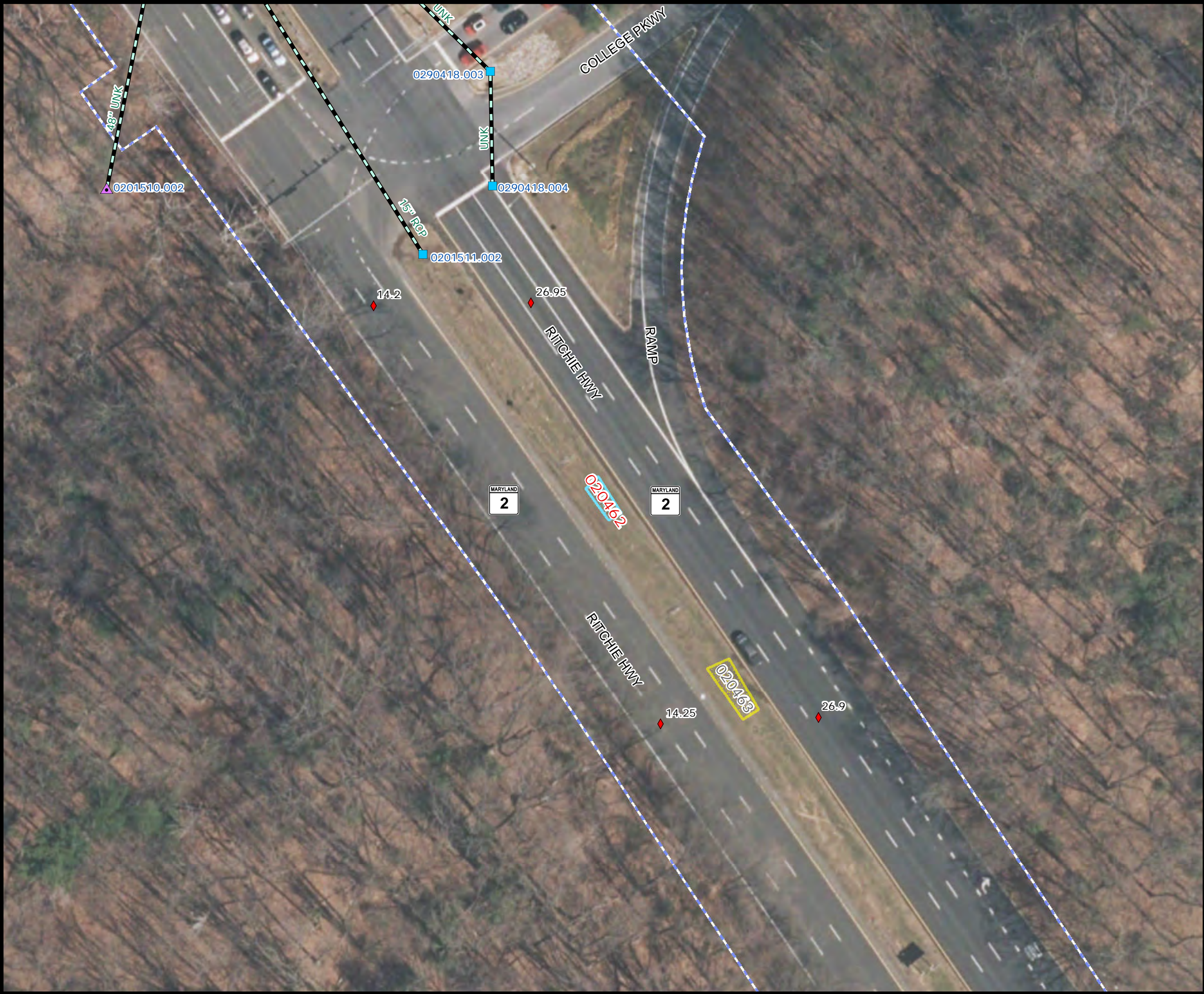
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

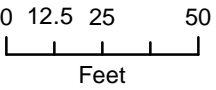


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020463

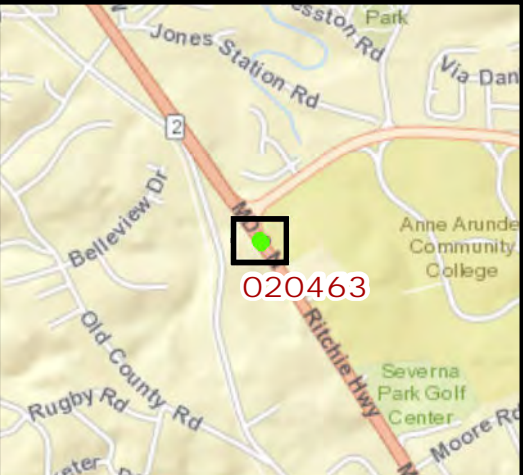
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





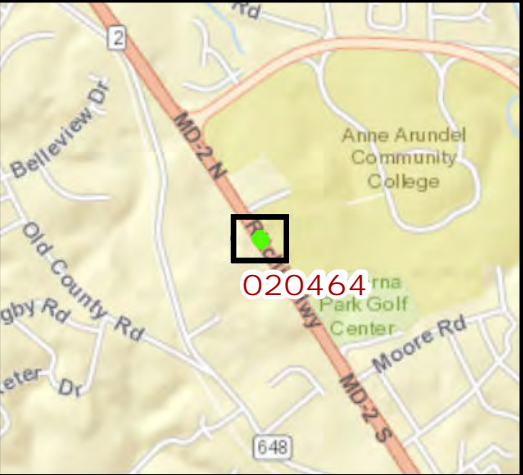
SHA SWM Facility
020464
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

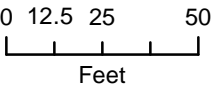


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020465

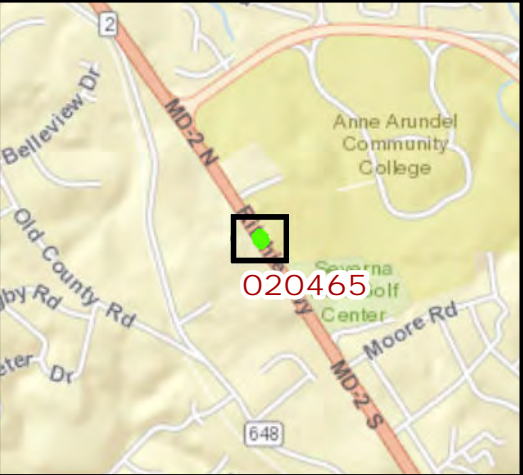
Infiltration trench



1 inch = 50 feet

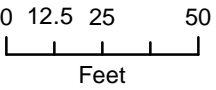


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020466

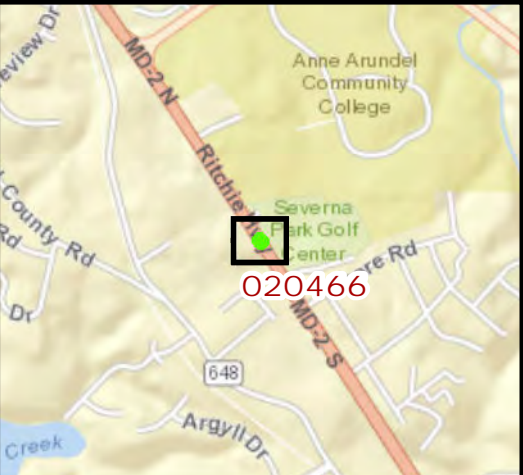
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020468

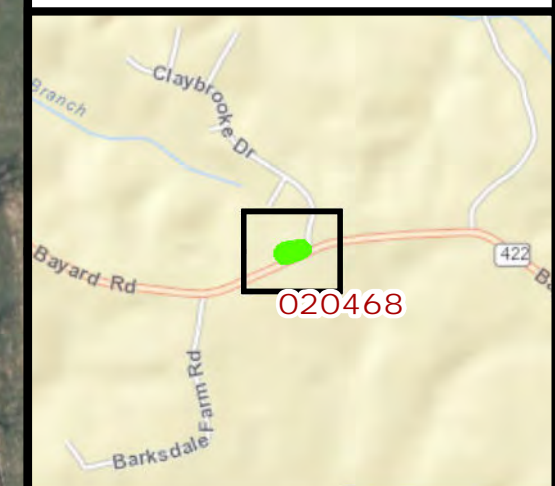
Dry pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



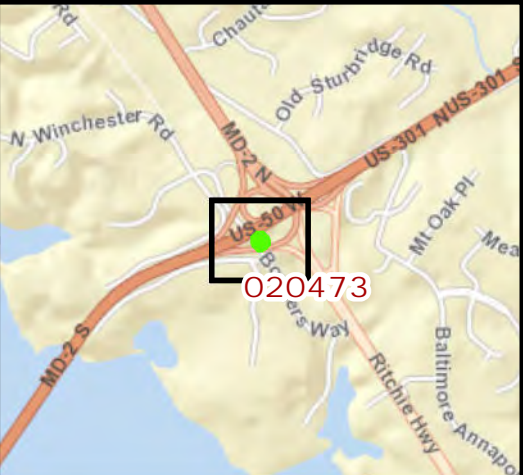
SHA SWM Facility
020473
Surface sand filter



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



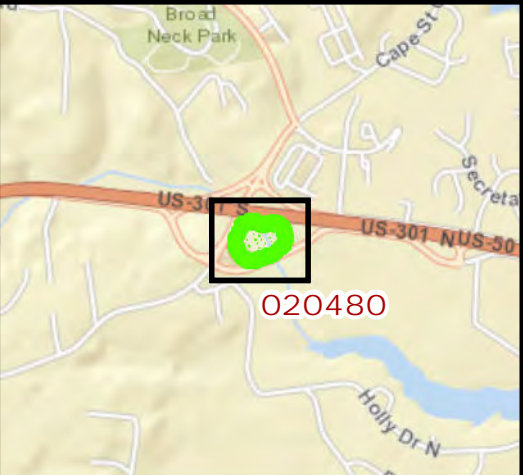
SHA SWM Facility
020480
Wet pond



1 inch = 100 feet

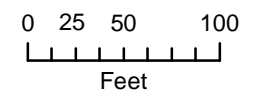


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020481

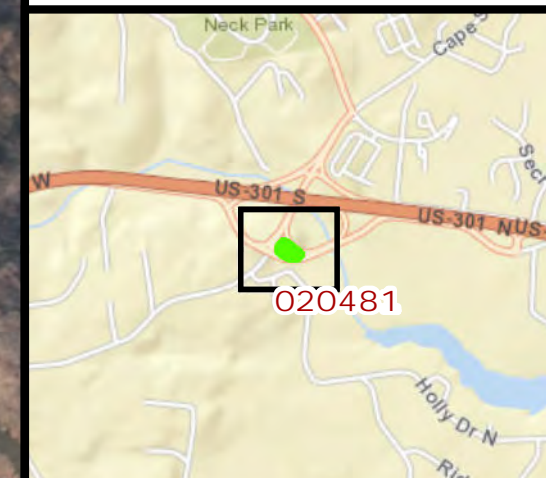
Micropool extended
detention pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020482

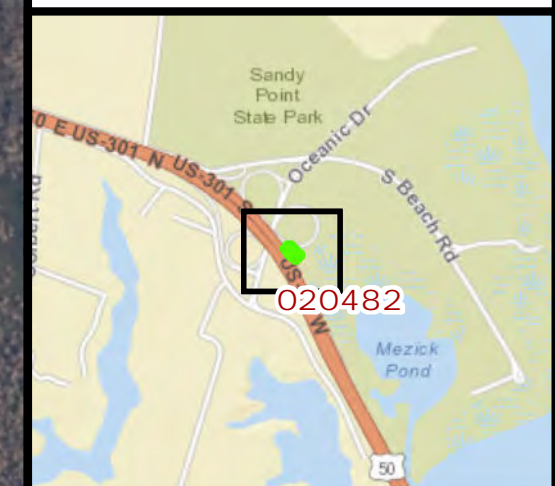
Shallow marsh



1 inch = 100 feet



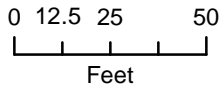
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



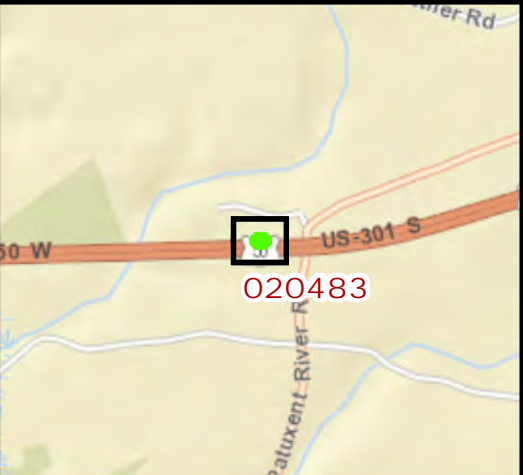
SHA SWM Facility
020483
Wet pond



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020484

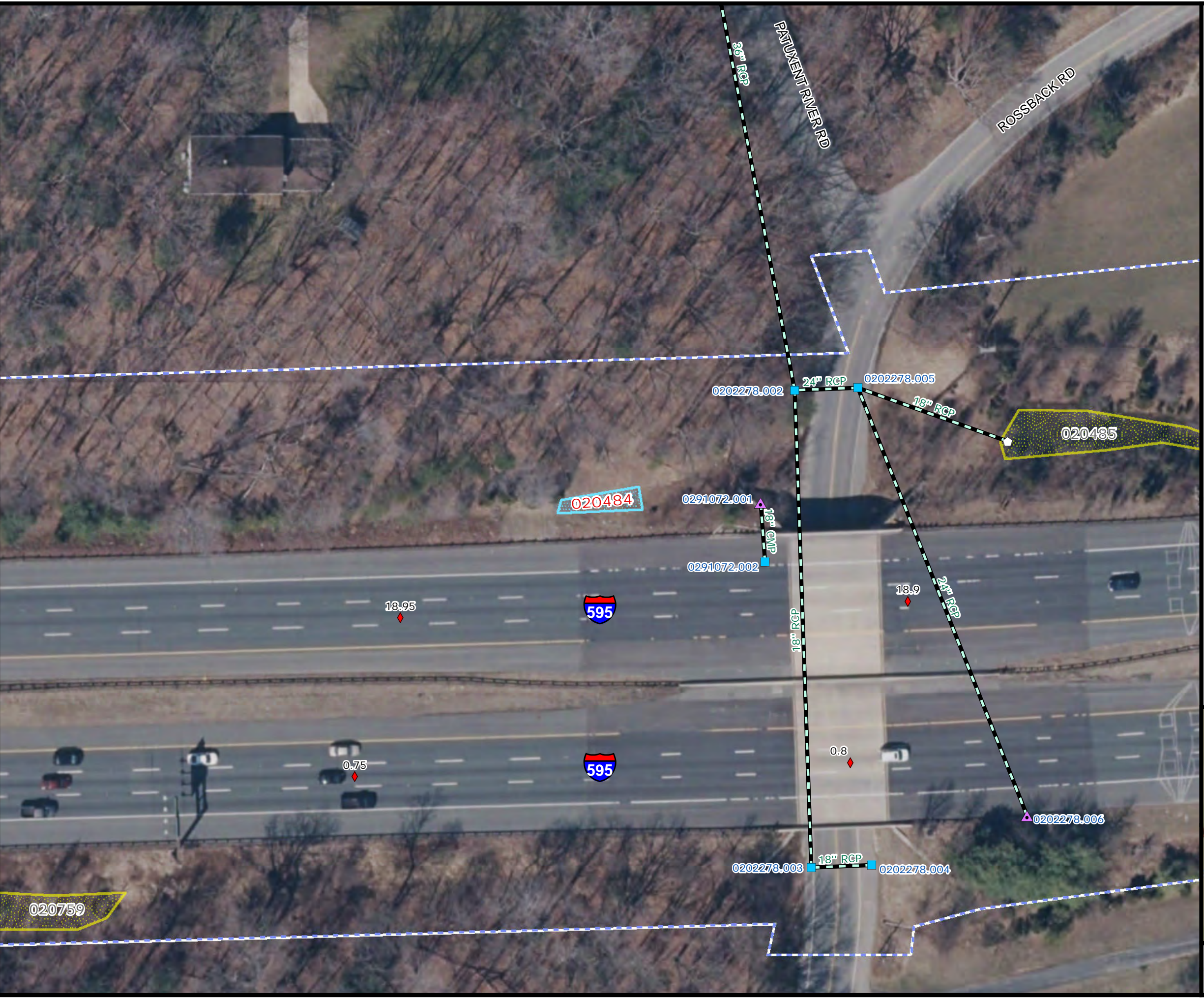
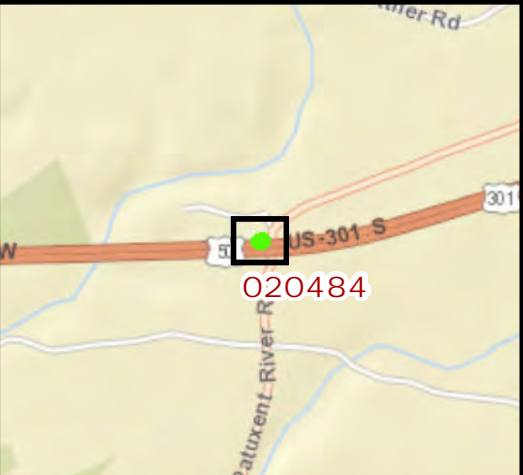
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020485

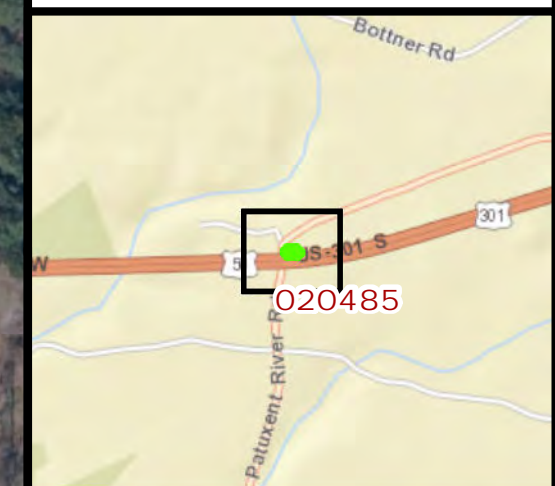
Infiltration basin



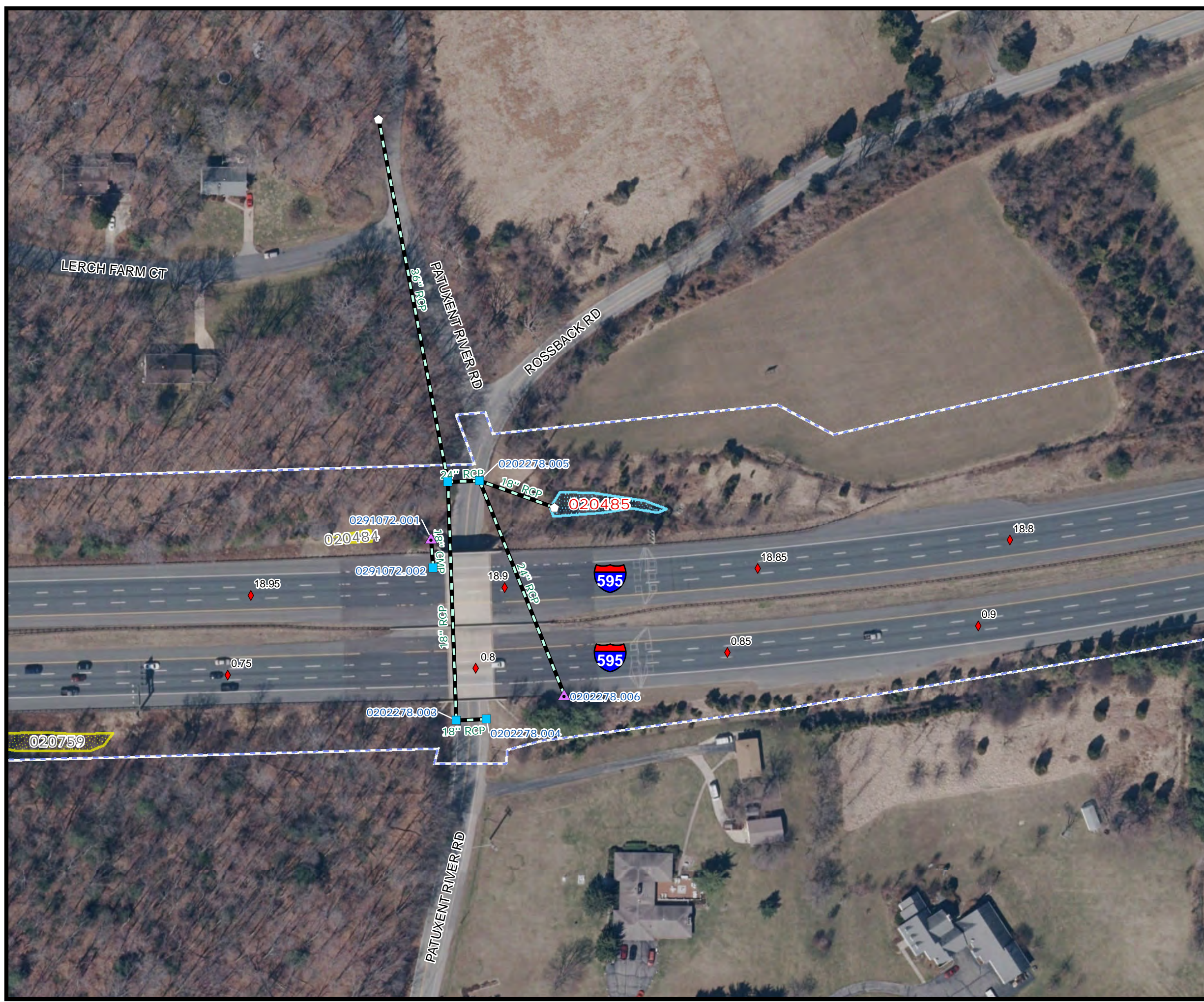
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





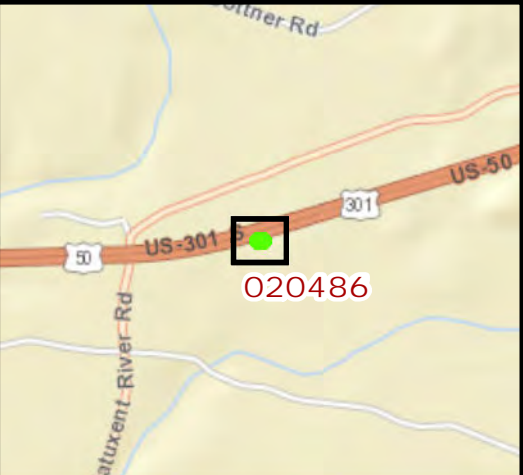
SHA SWM Facility
020486
Wet pond



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



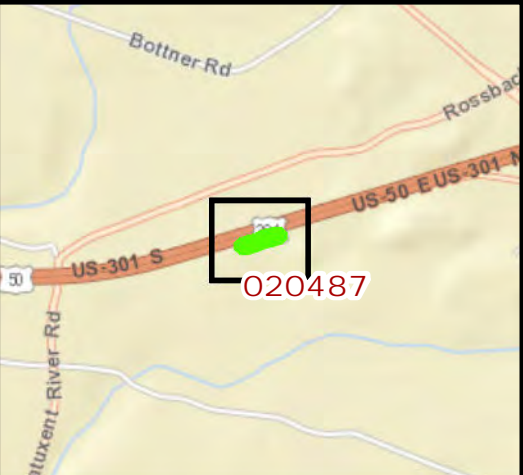
SHA SWM Facility
020487
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



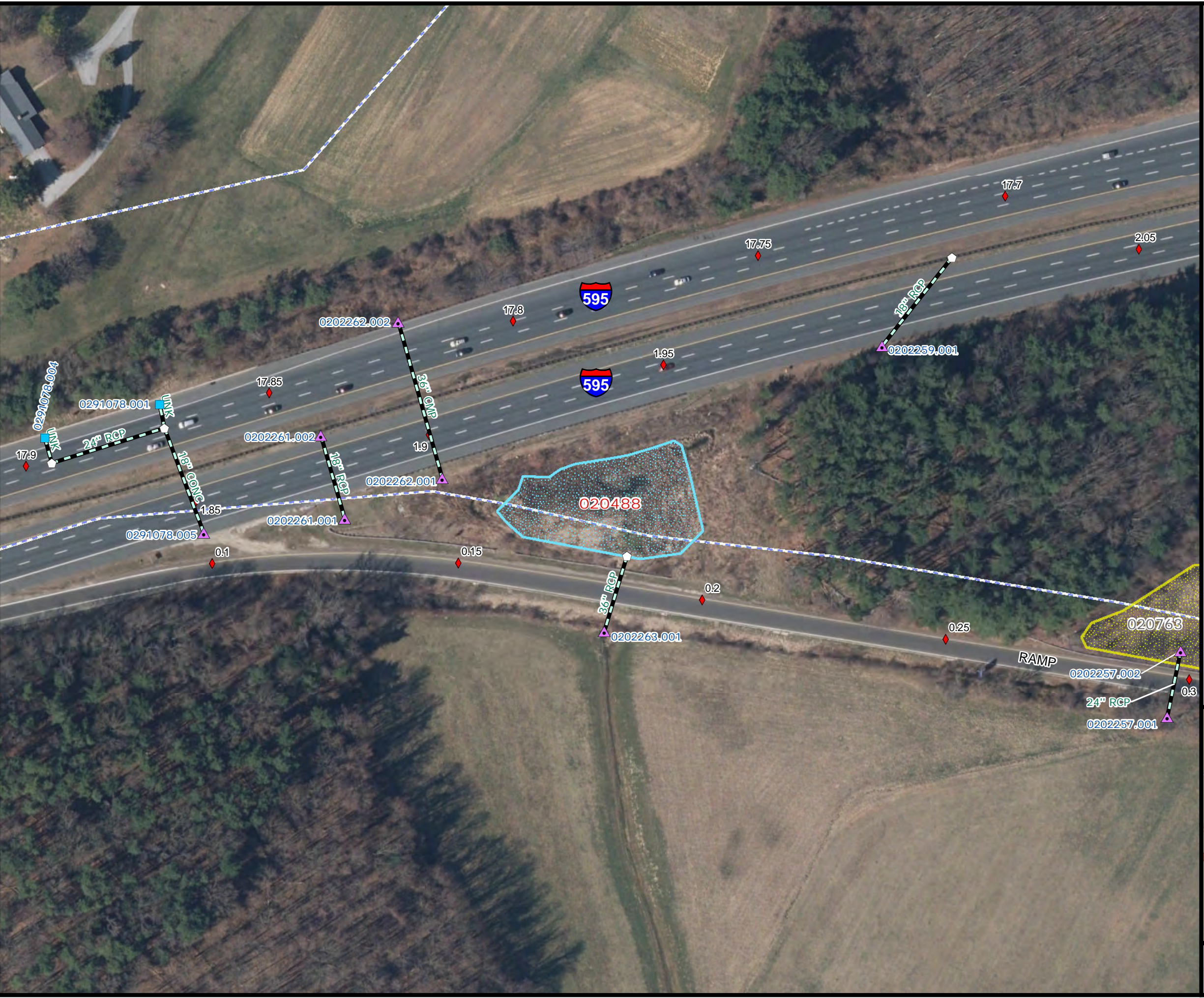
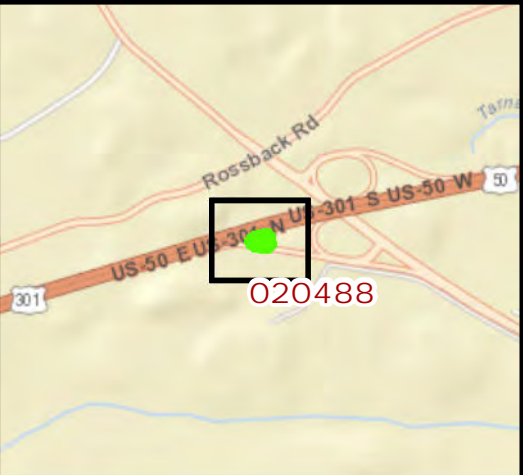
SHA SWM Facility
020488
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020490

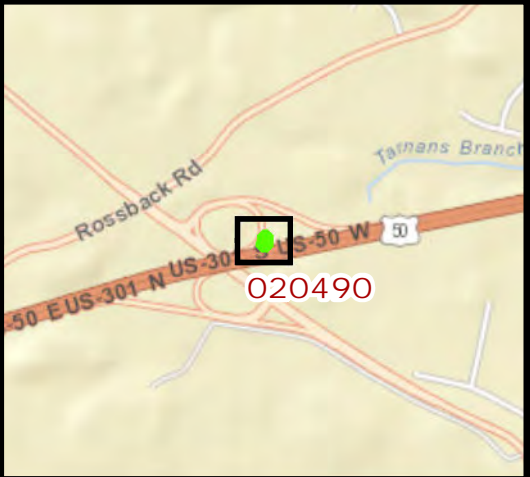
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

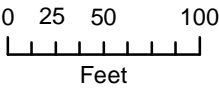


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020491

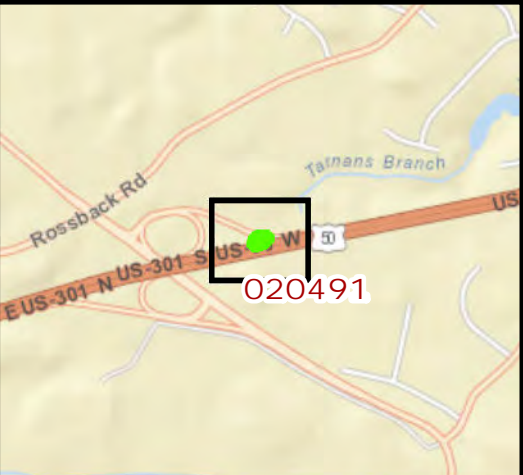
Other infiltration



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

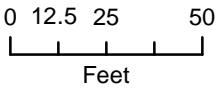


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020492

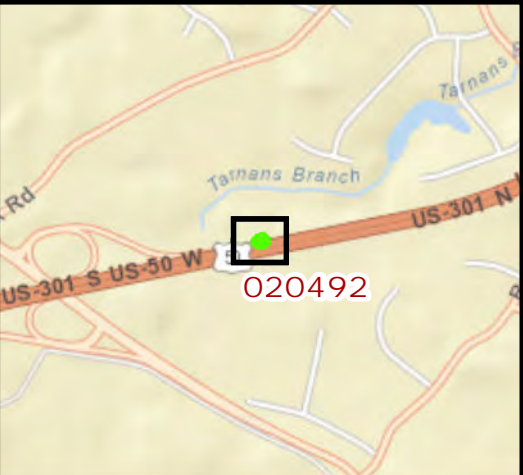
Infiltration trench



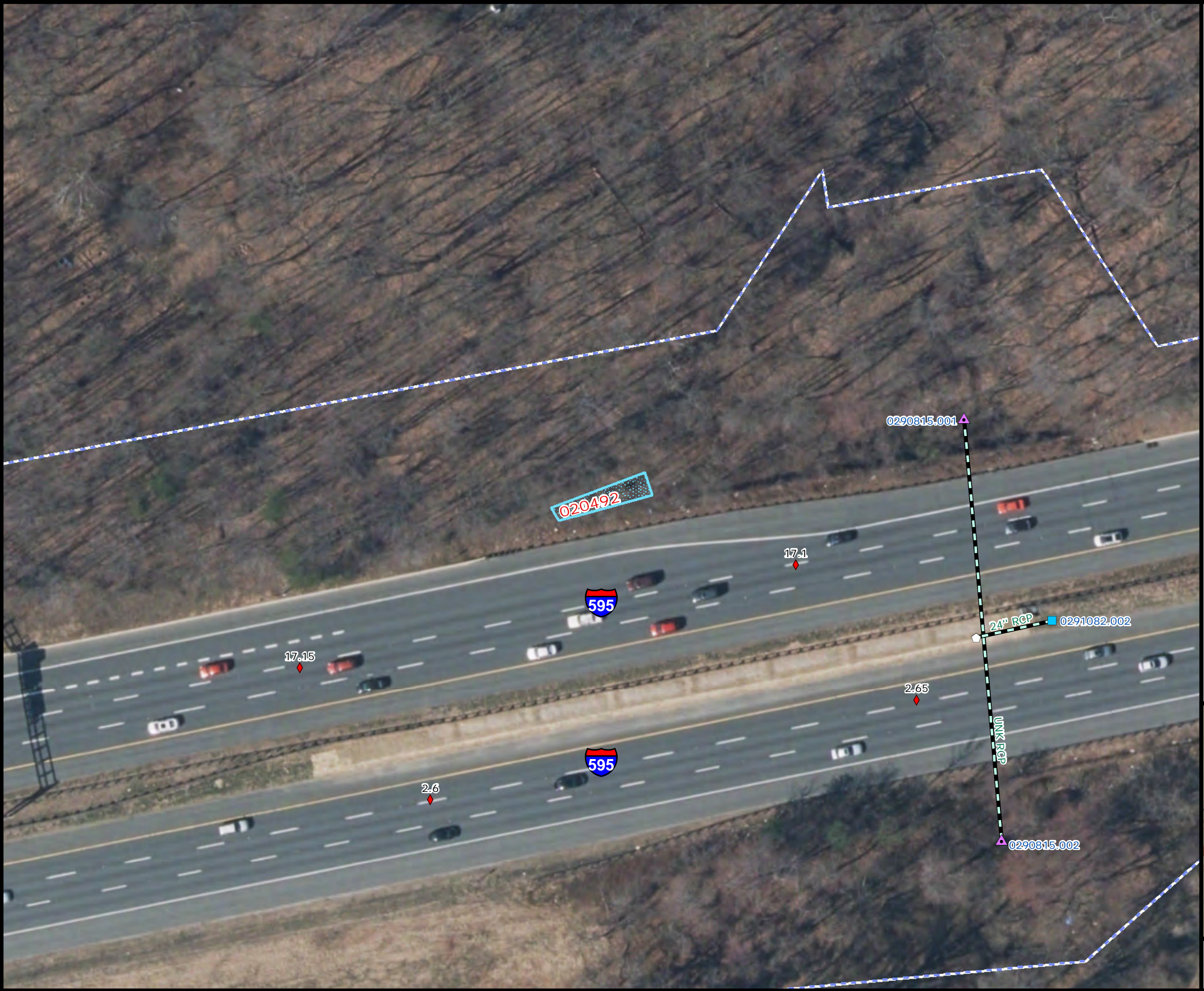
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

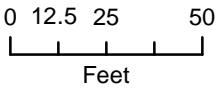


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020493

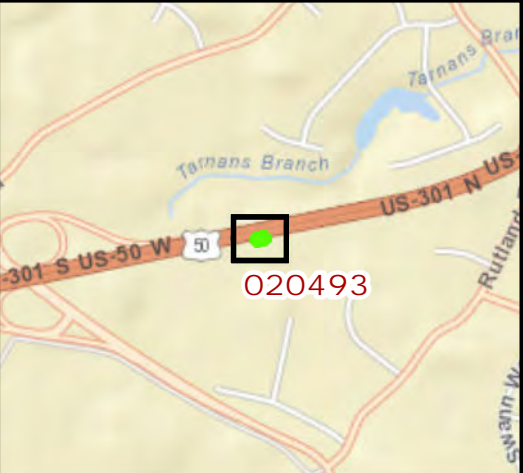
Infiltration trench



1 inch = 50 feet

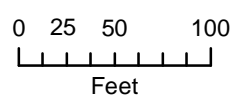


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020495

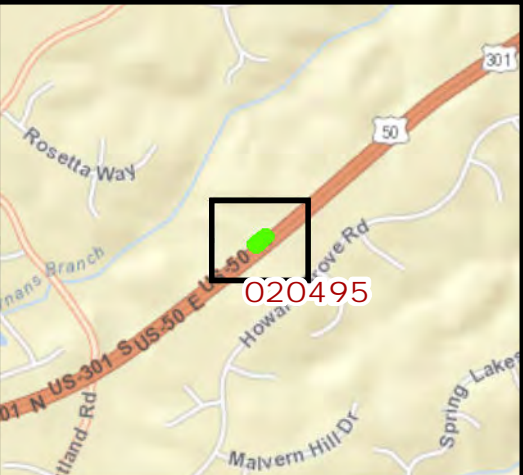
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

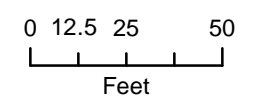


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020496

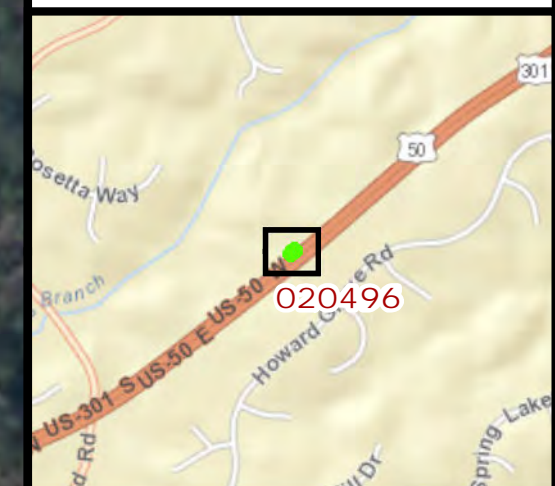
Infiltration trench



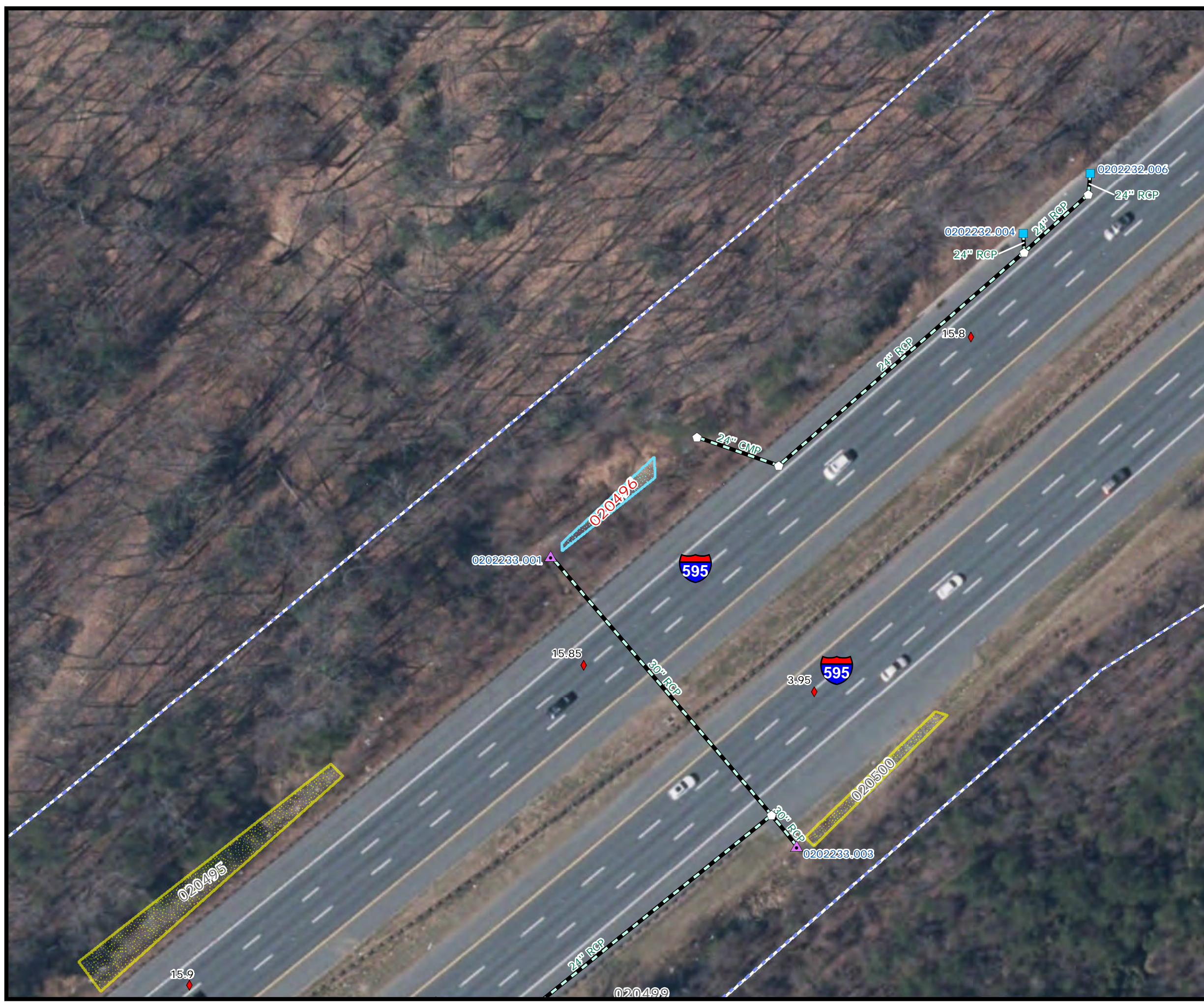
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

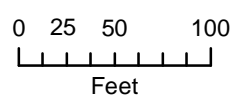


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020499

Infiltration trench



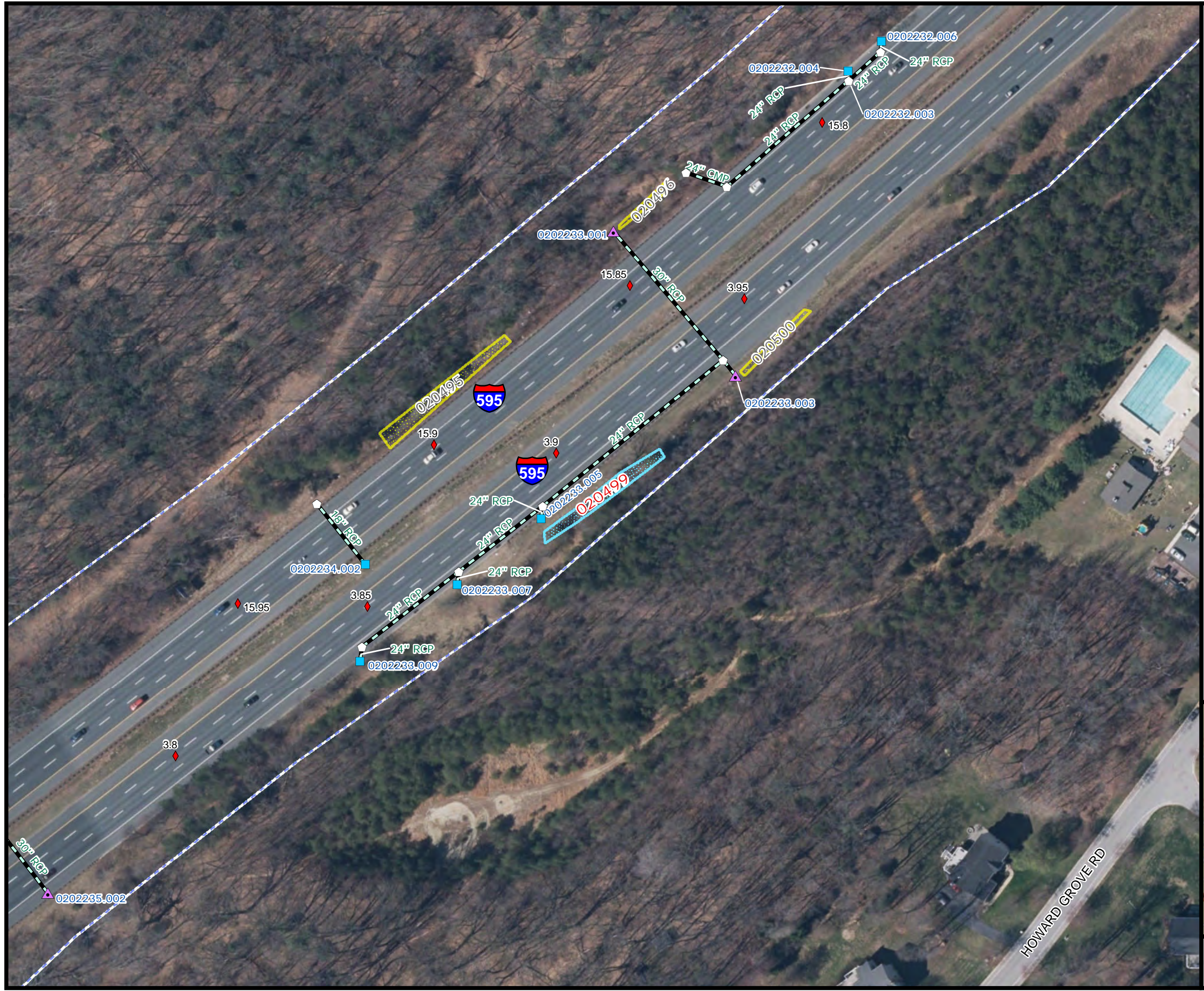
1 inch = 100 feet



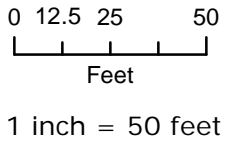
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



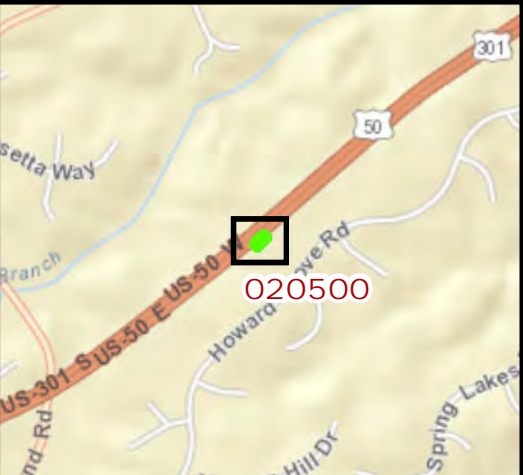
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



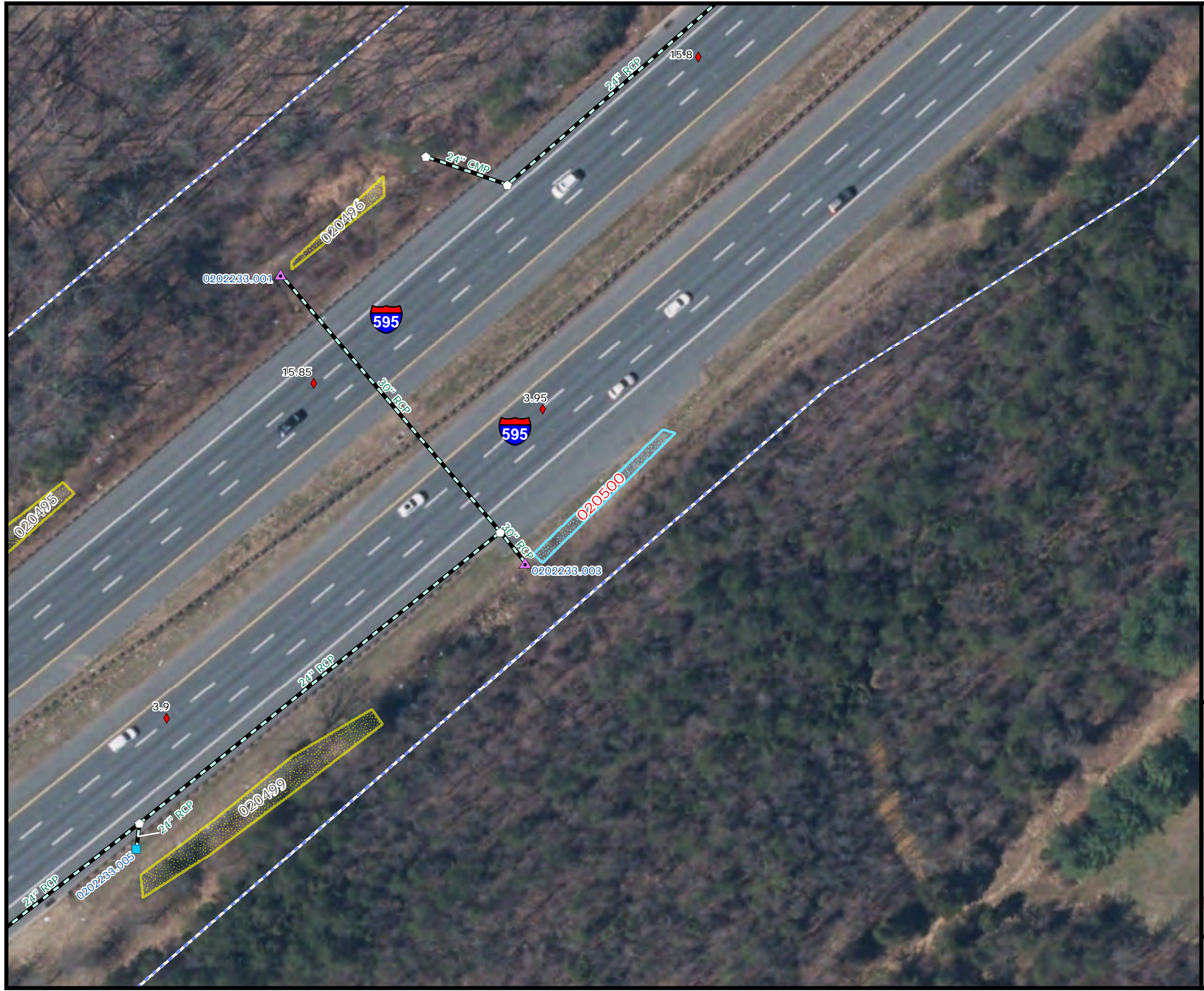
SHA SWM Facility
020500
Infiltration trench



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020502

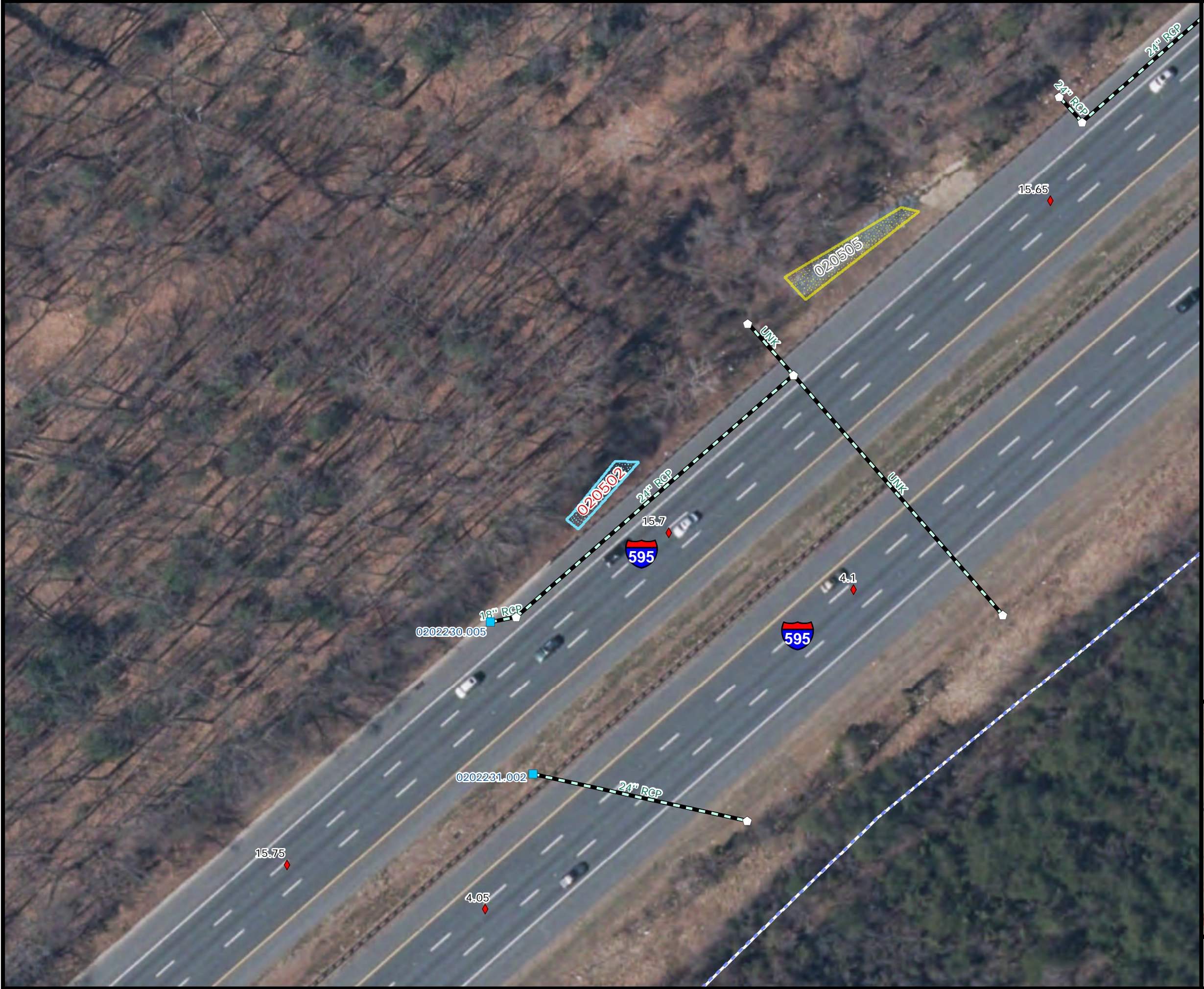
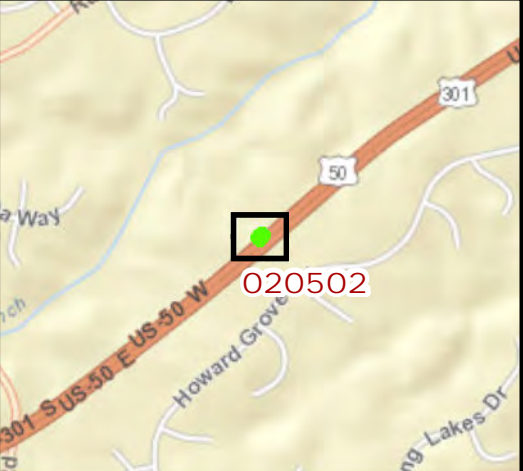
Infiltration trench



1 inch = 50 feet

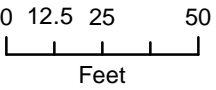


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020505

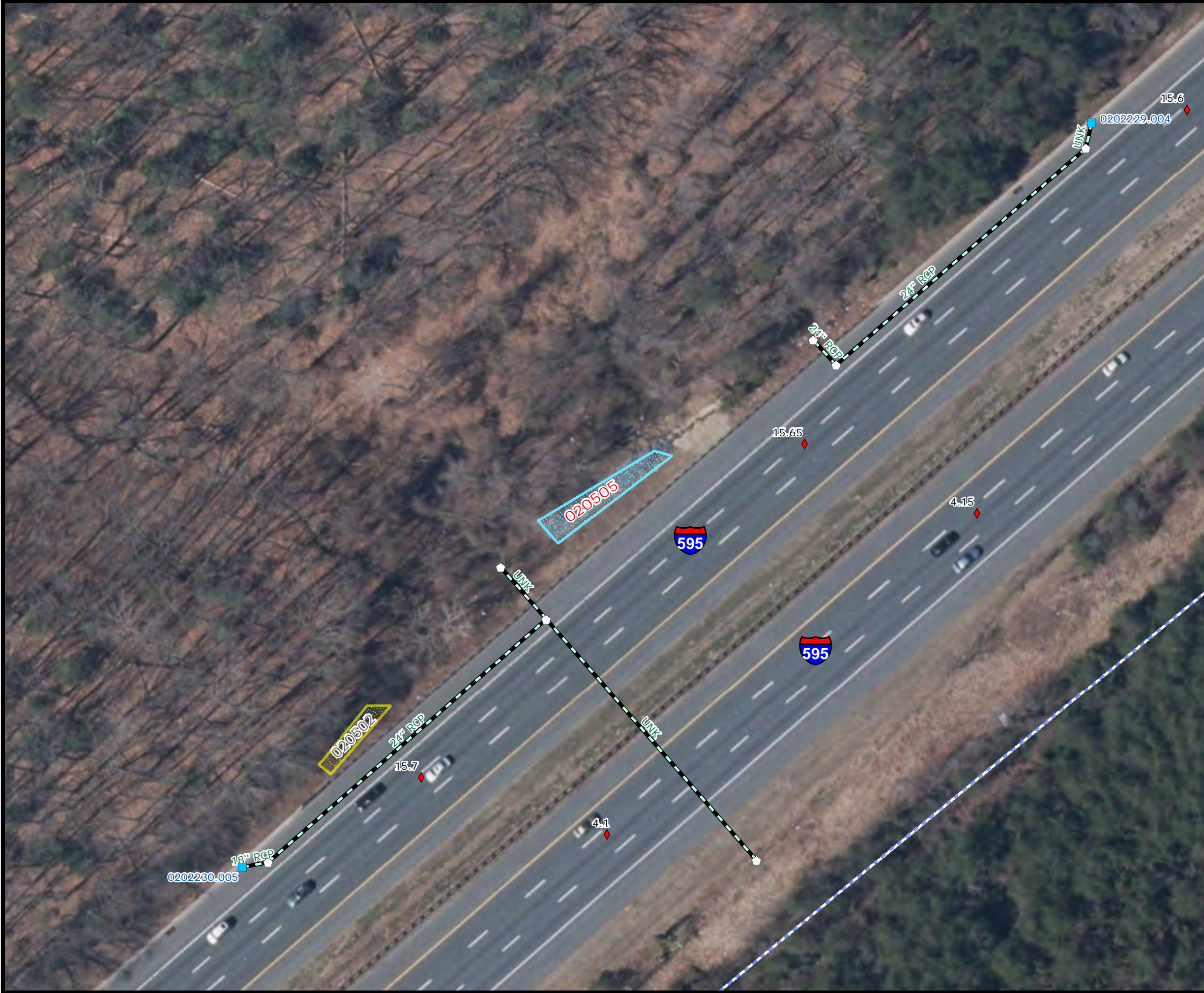
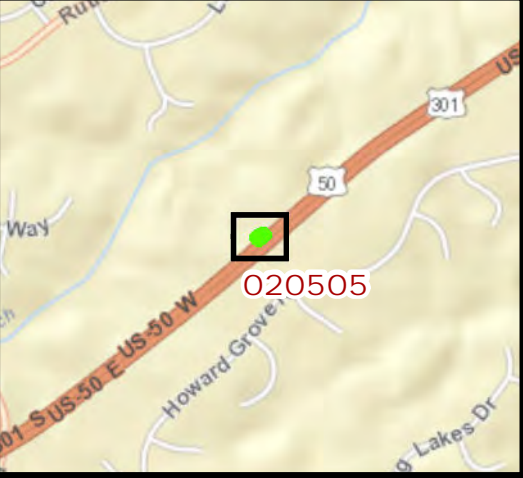
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020506
Wet pond



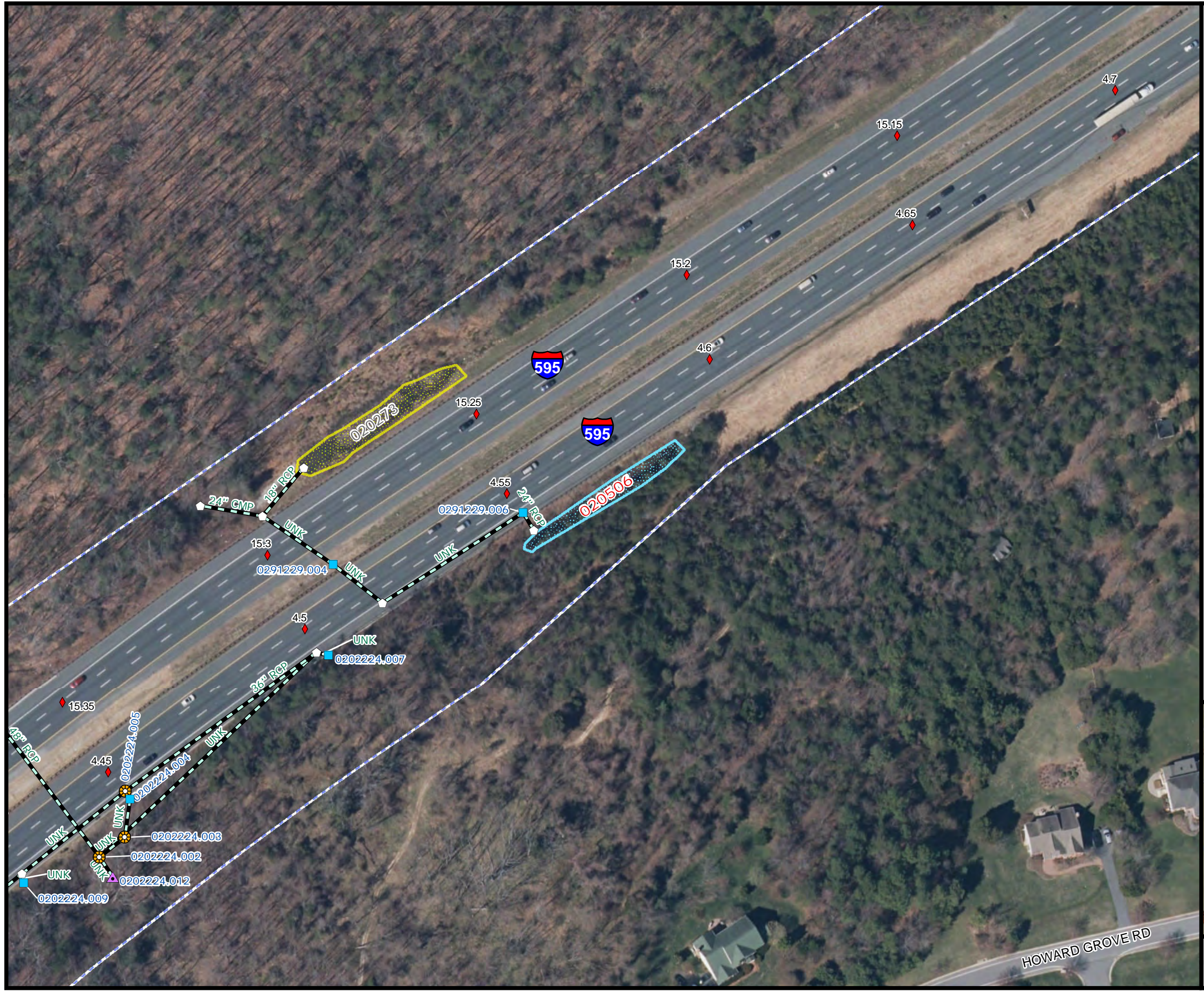
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



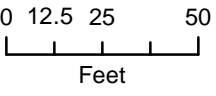
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020511

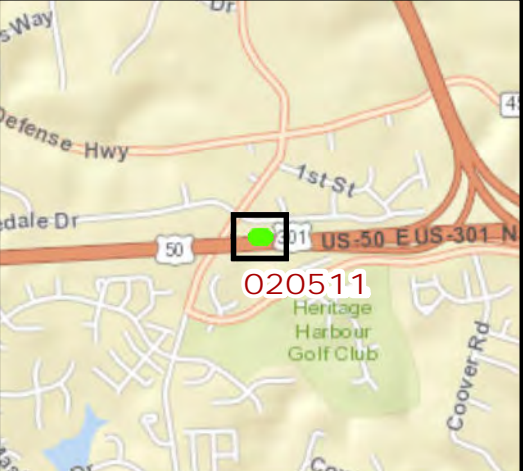
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020514

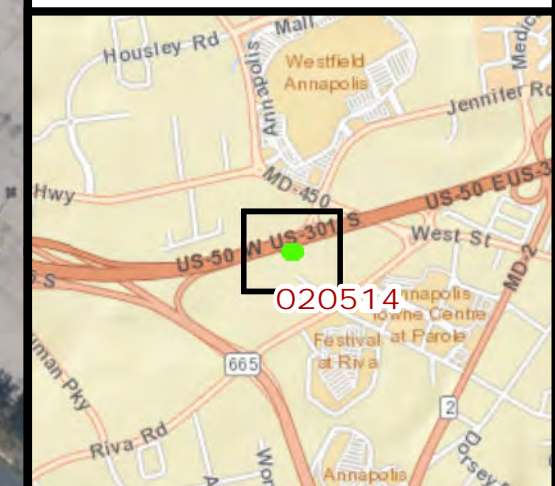
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020516

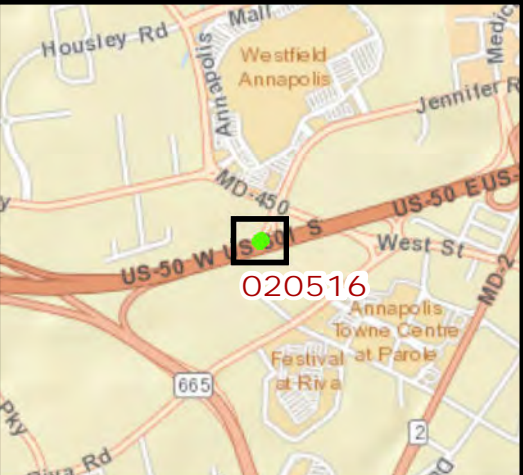
Infiltration trench



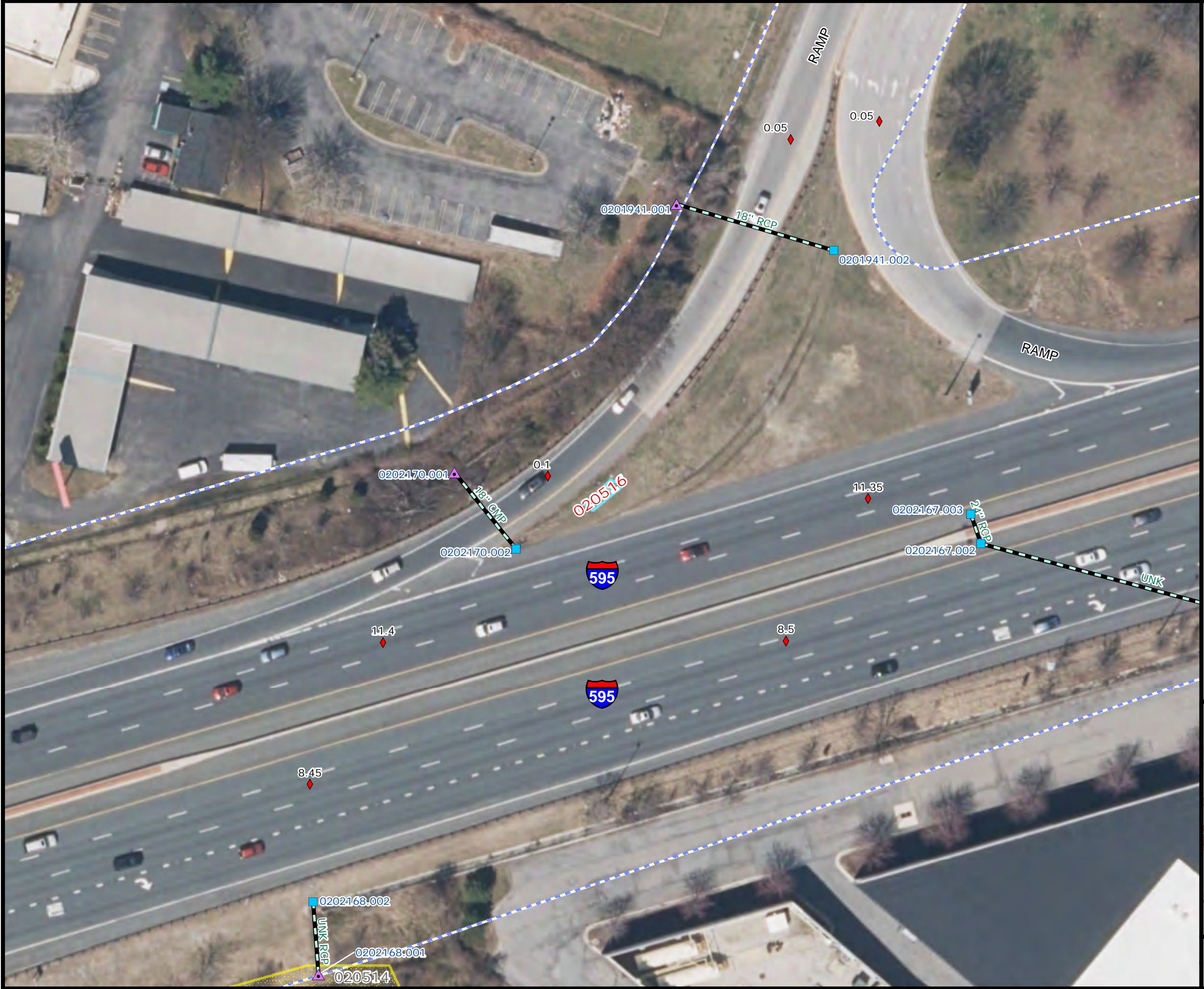
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020517

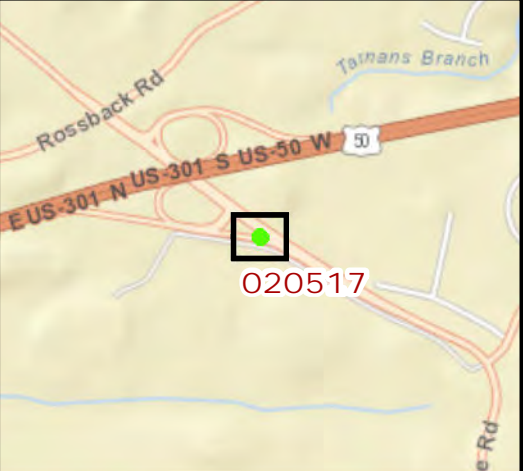
Infiltration trench



1 inch = 50 feet

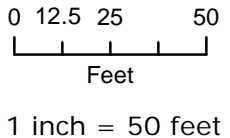


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

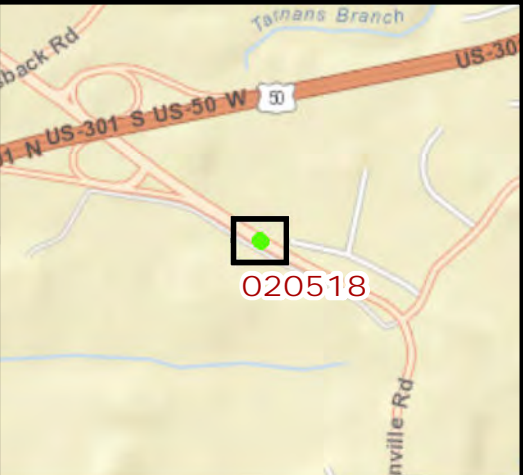


SHA SWM Facility
020518

Infiltration trench



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

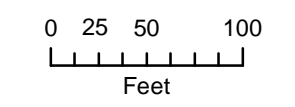


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020520

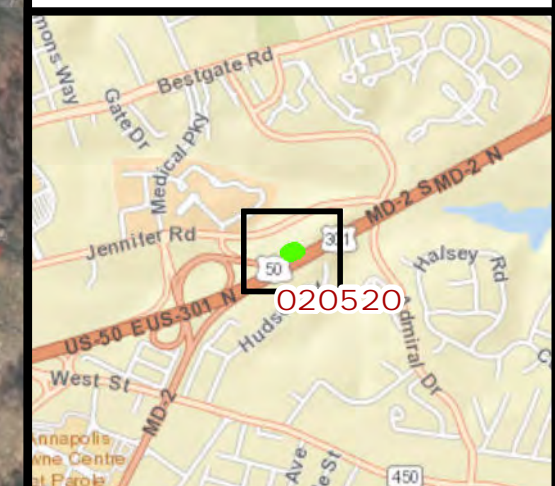
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

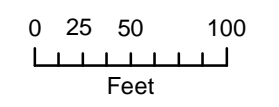


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





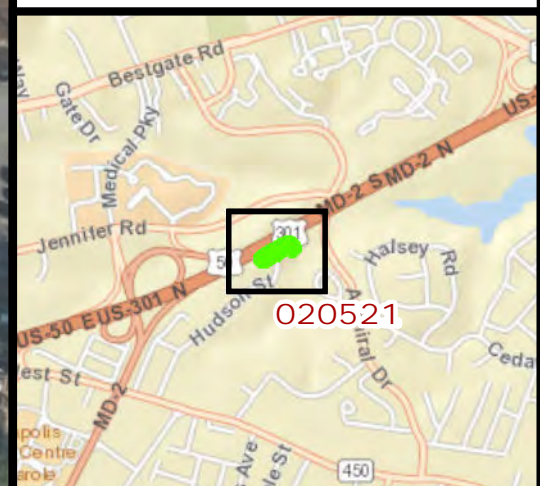
SHA SWM Facility 020521 Wet pond



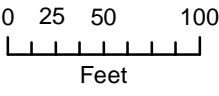
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



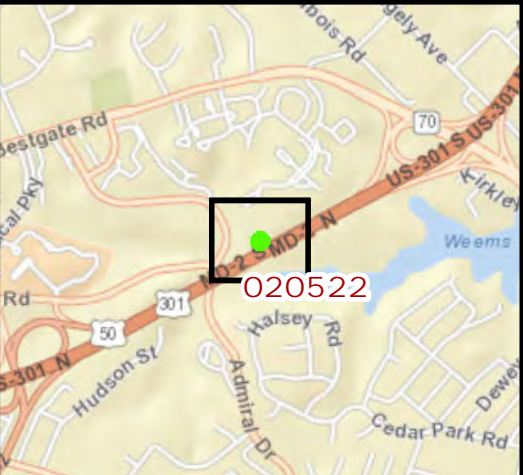
SHA SWM Facility
020522
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

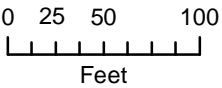


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





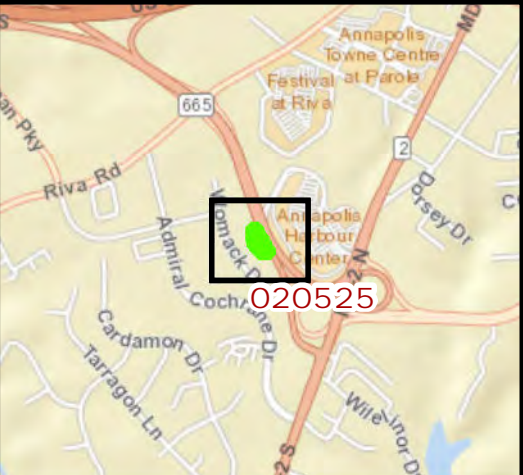
SHA SWM Facility
020525
Dry pond



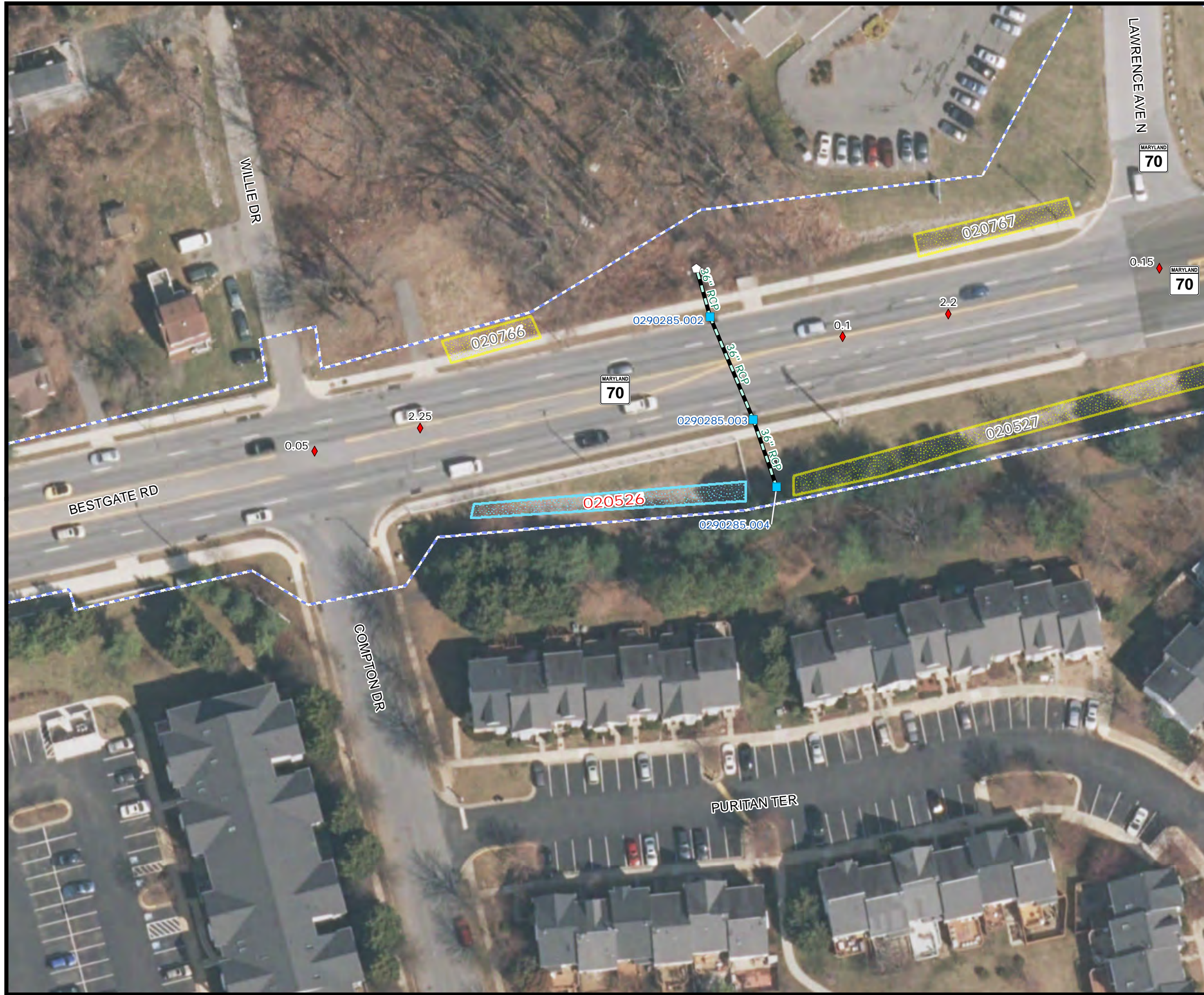
1 inch = 100 feet



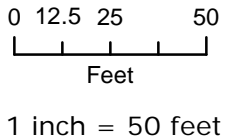
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



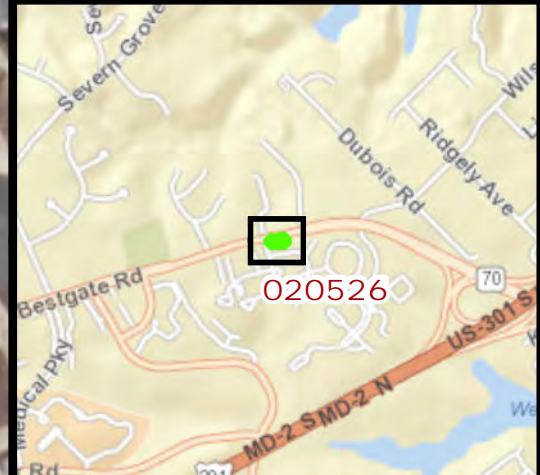
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020526
Infiltration trench



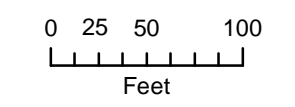
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility 020527

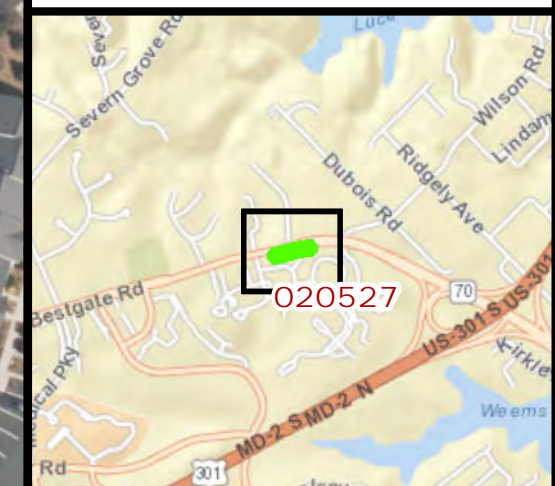
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

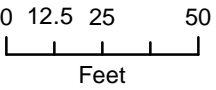


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020528

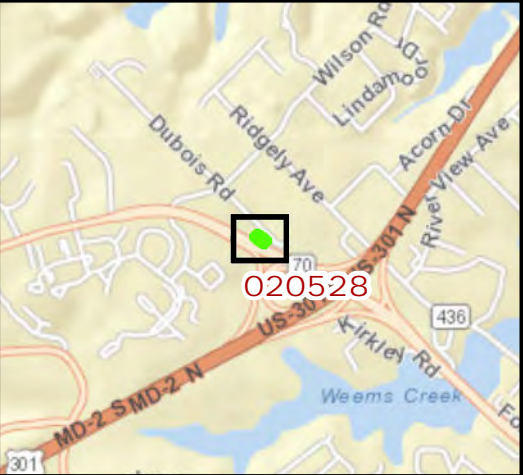
Infiltration trench



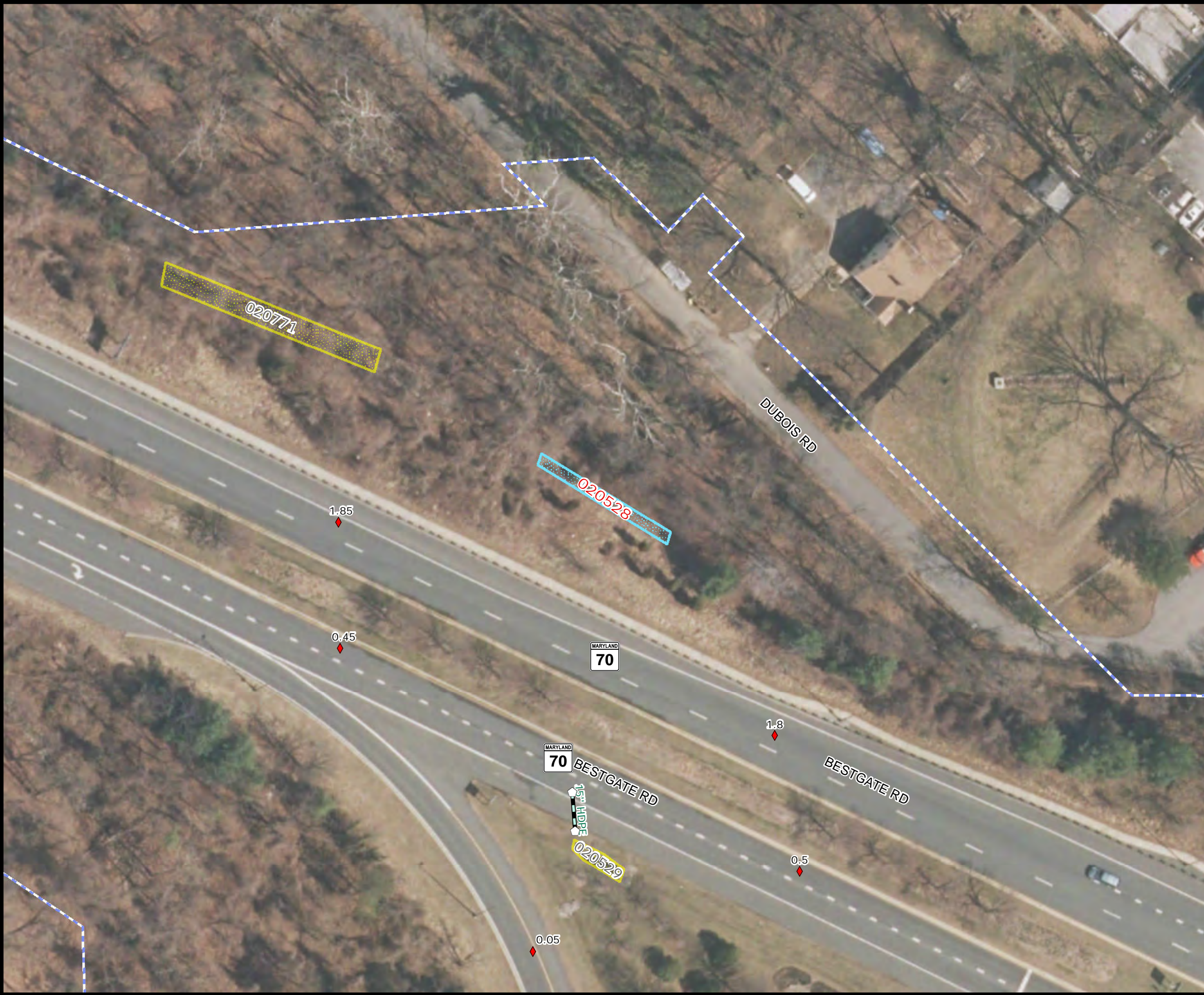
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

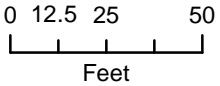


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





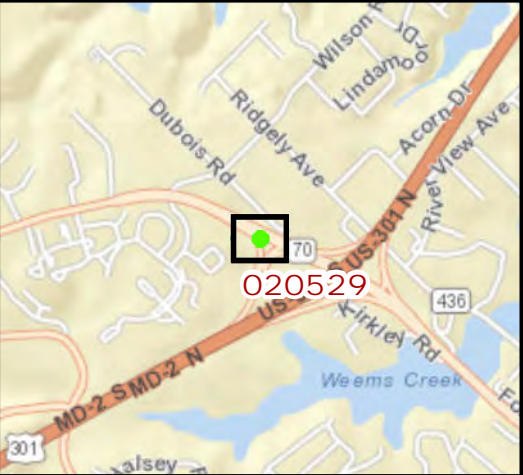
SHA SWM Facility
020529
Infiltration basin



1 inch = 50 feet

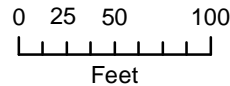


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

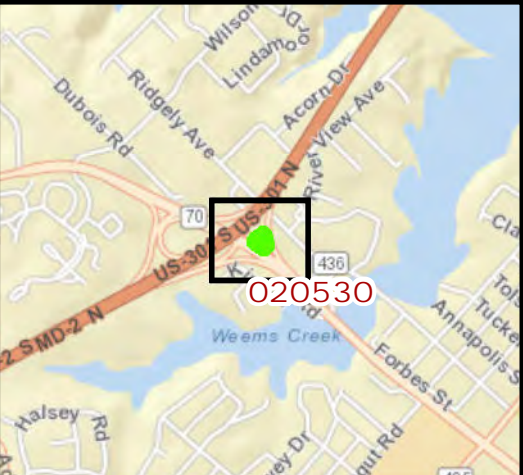
SHA SWM Facility
020530
Wet pond



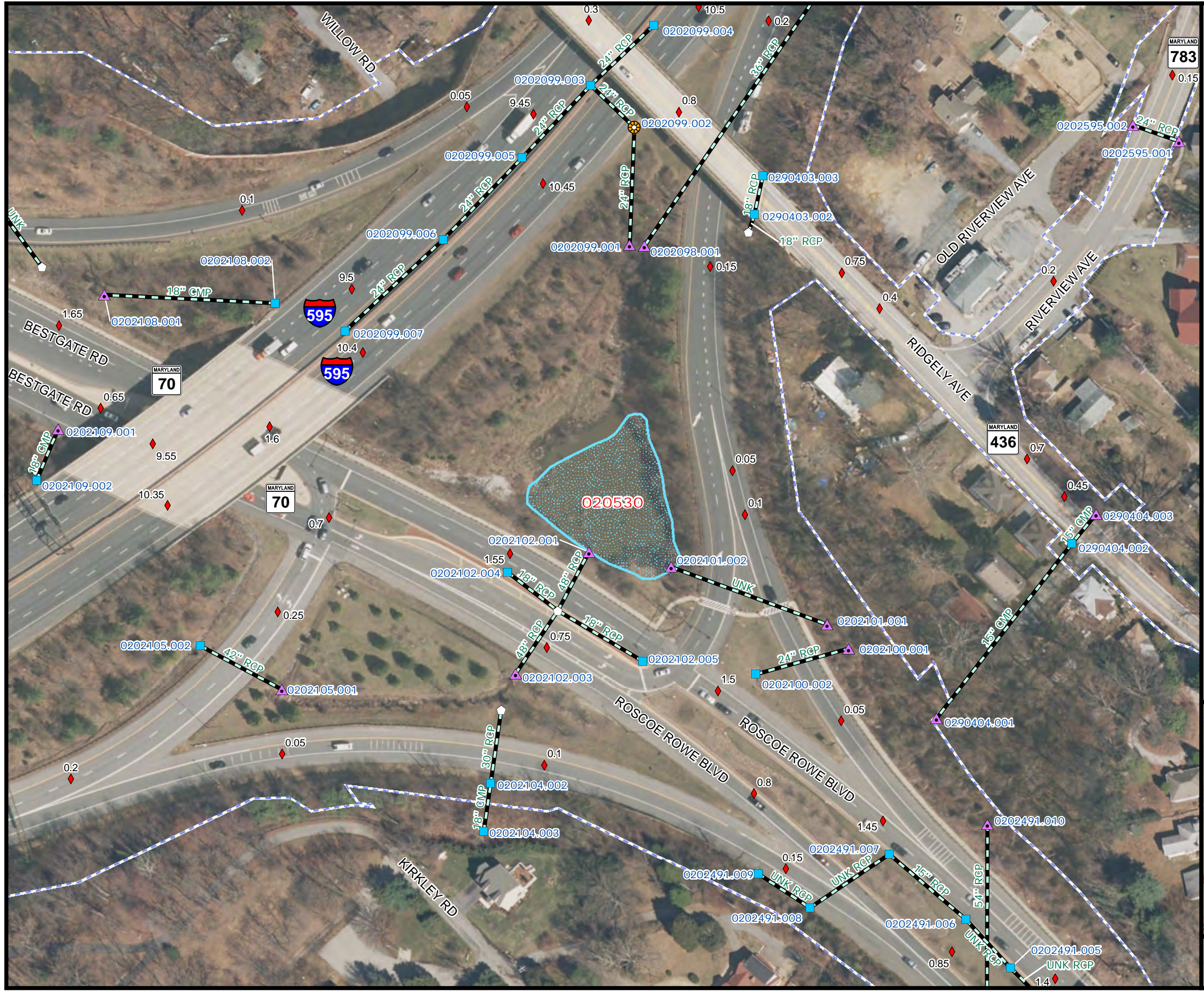
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

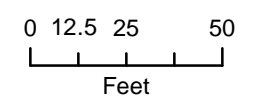


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020562

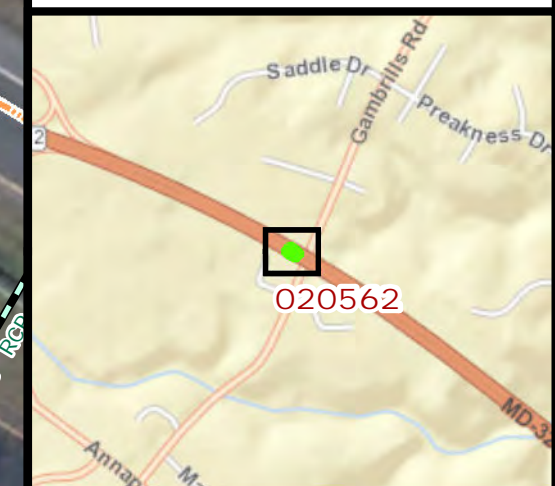
Infiltration trench



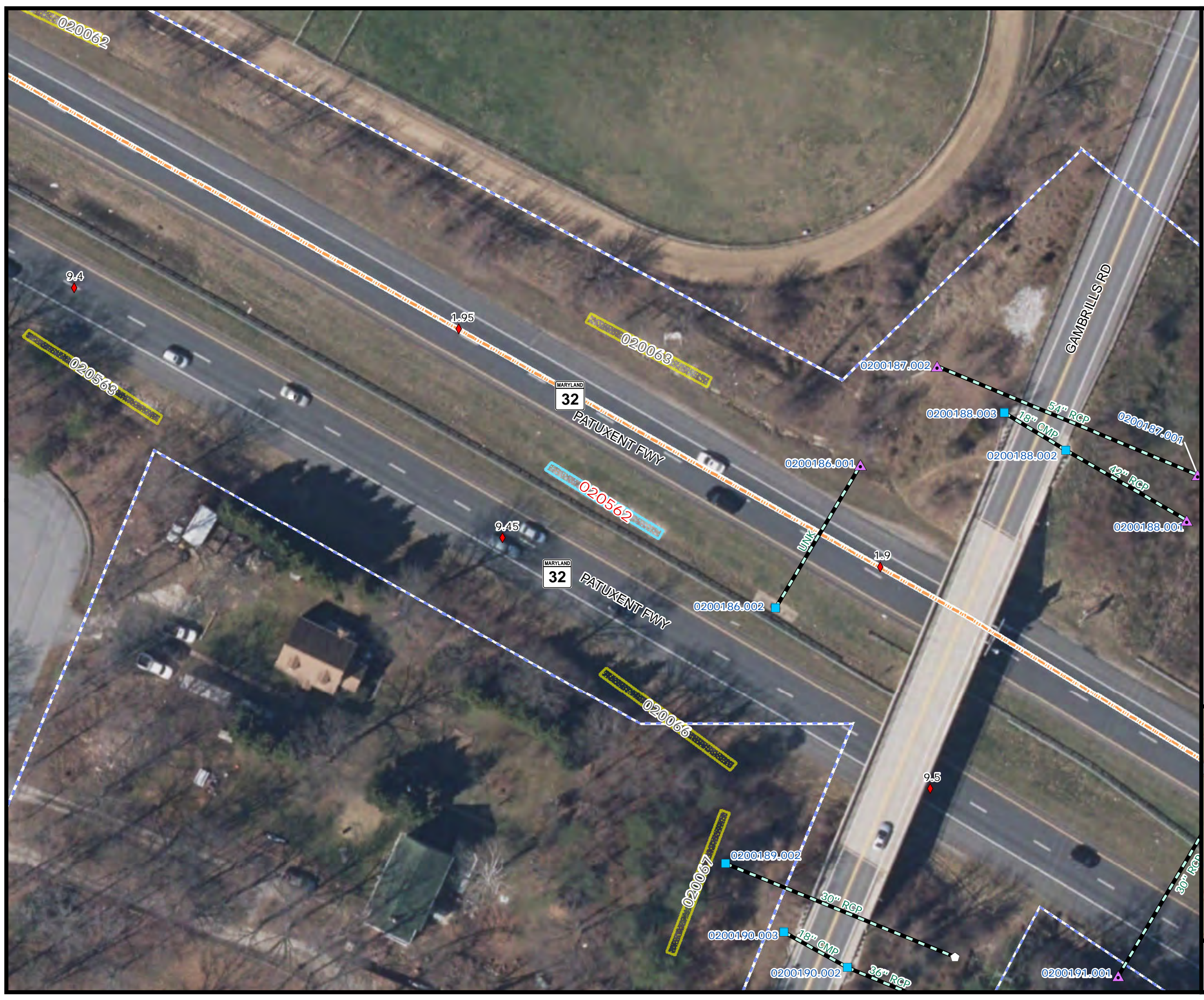
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

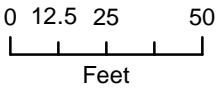


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020563

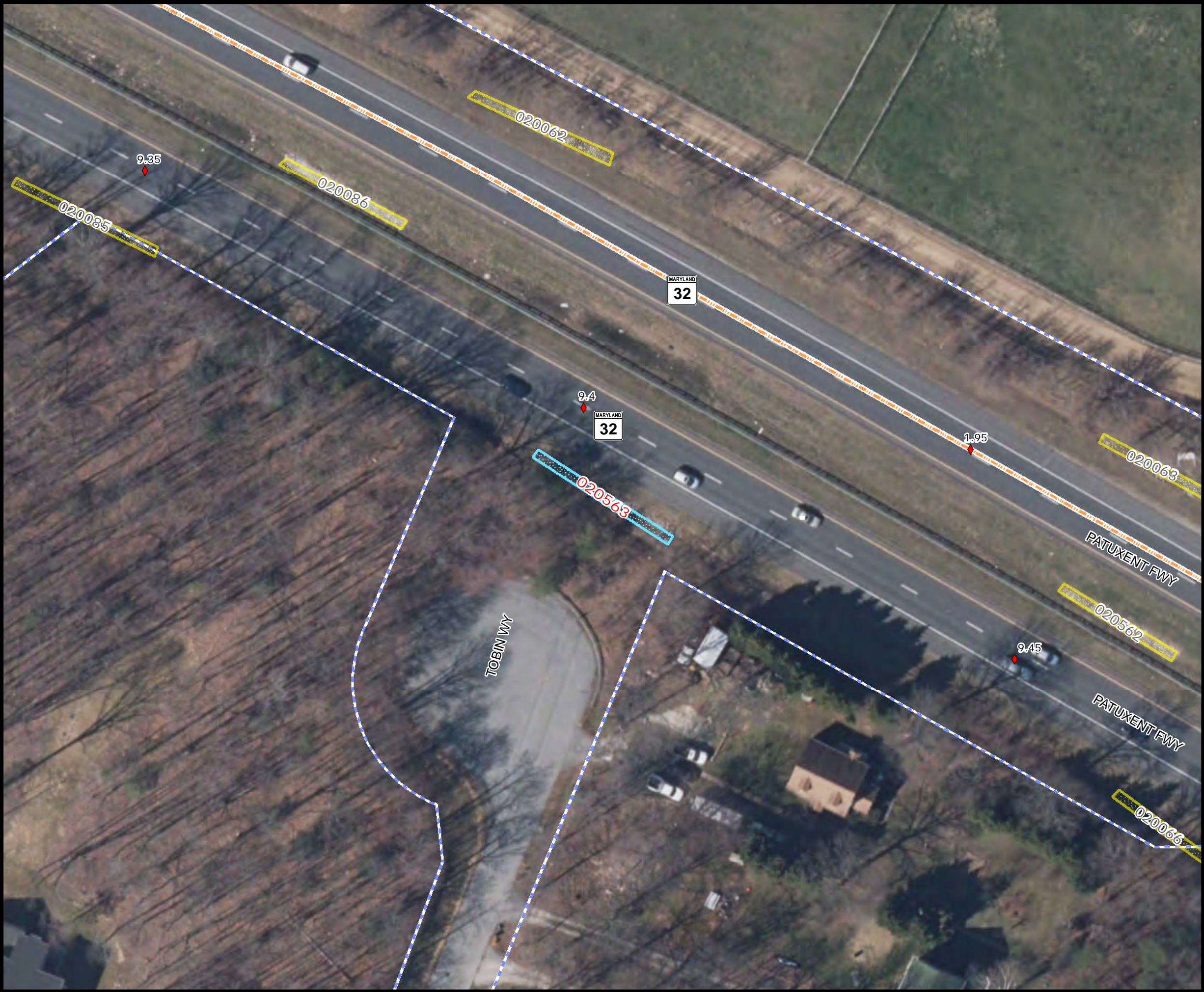
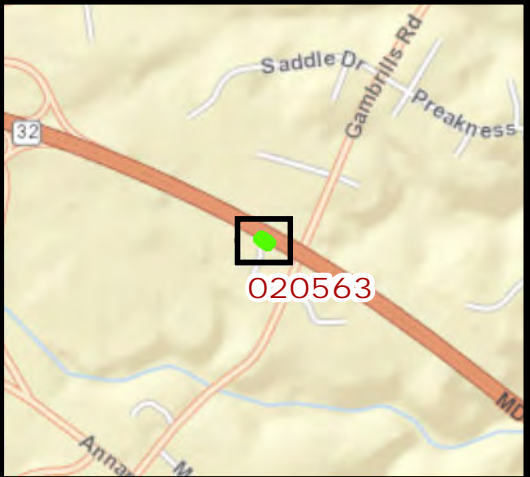
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



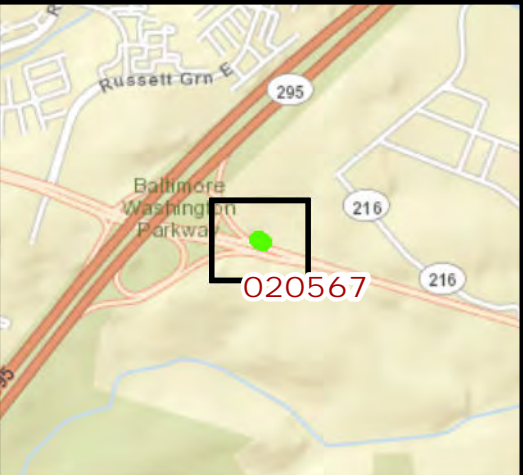
SHA SWM Facility
020567
Infiltration basin



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



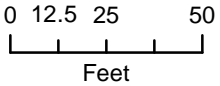
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020570

Infiltration trench



1 inch = 50 feet



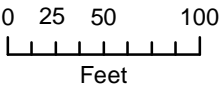
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020584

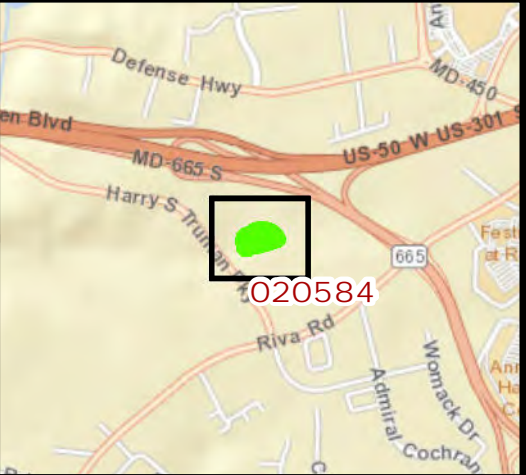
Wet extended detention
pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



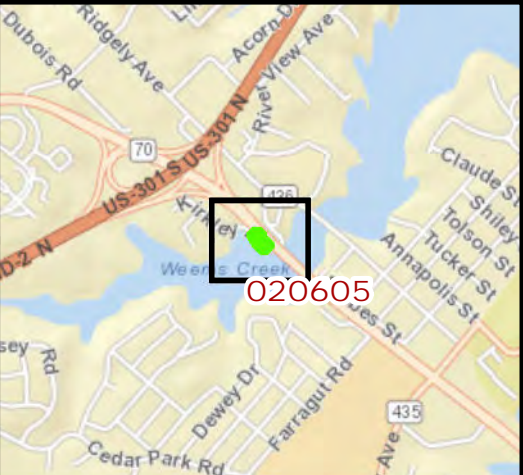
SHA SWM Facility
020605
Bioretention



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



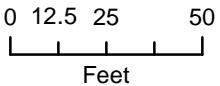
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020606

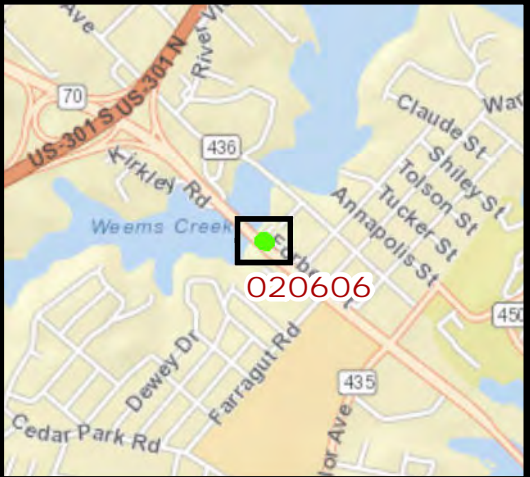
Infiltration basin



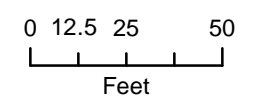
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



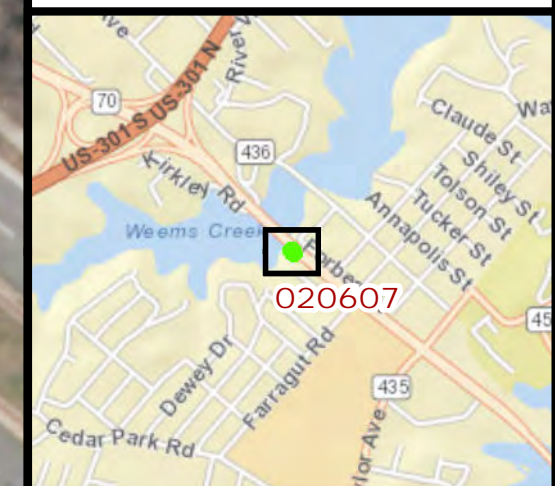
SHA SWM Facility 020607 Bioretention



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



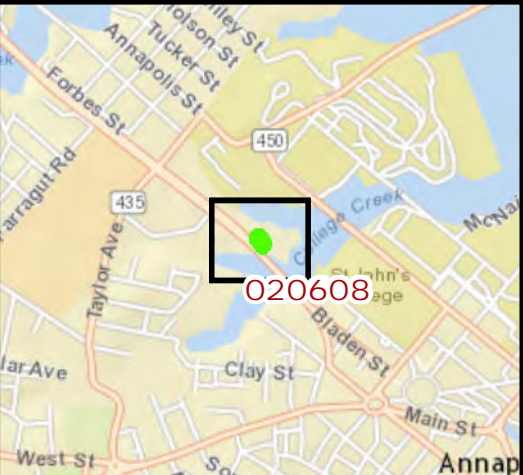
SHA SWM Facility
020608
Bioretention



1 inch = 100 feet



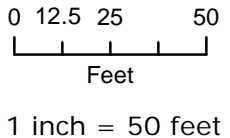
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



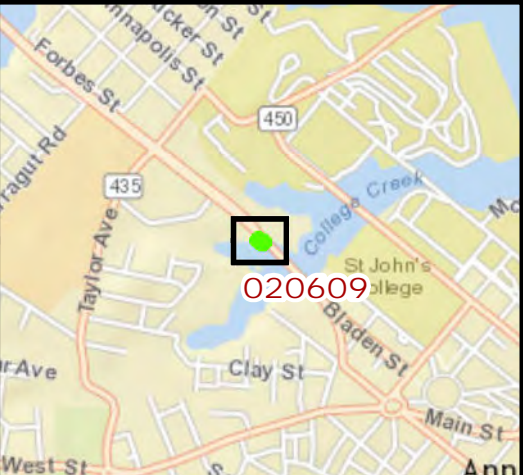
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020609
Bioretention



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

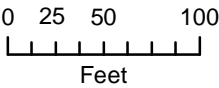


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020610

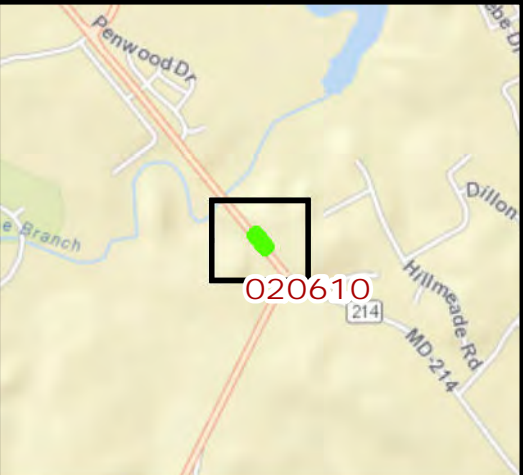
Other infiltration



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

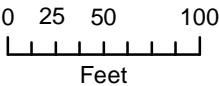


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020613

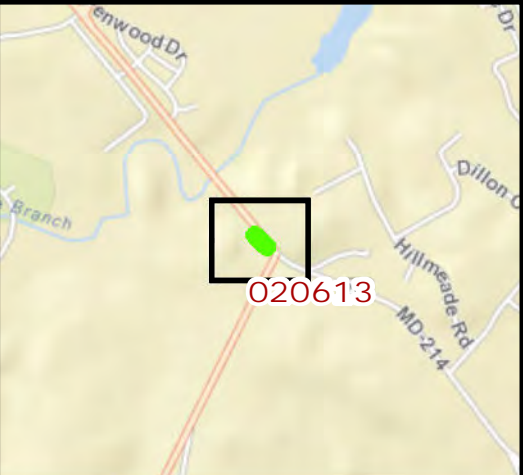
Other infiltration



1 inch = 100 feet

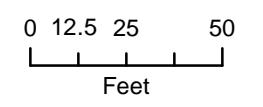


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





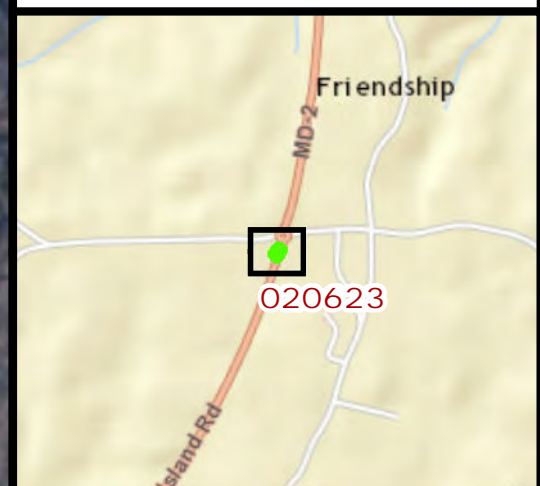
SHA SWM Facility 020623 Bioretention



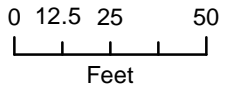
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



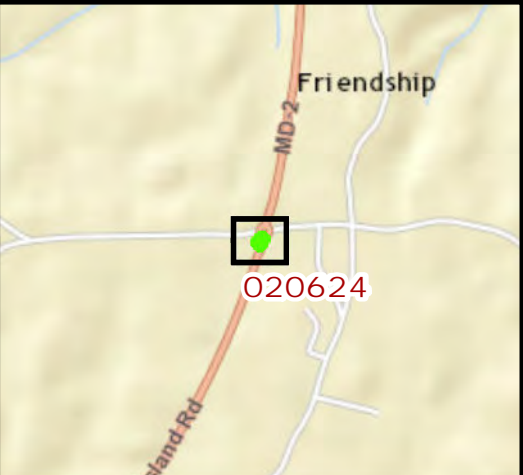
SHA SWM Facility
020624
Bioretention



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





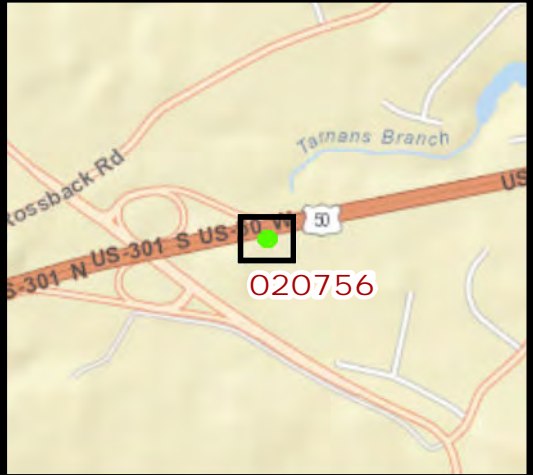
SHA SWM Facility
020756
Infiltration basin

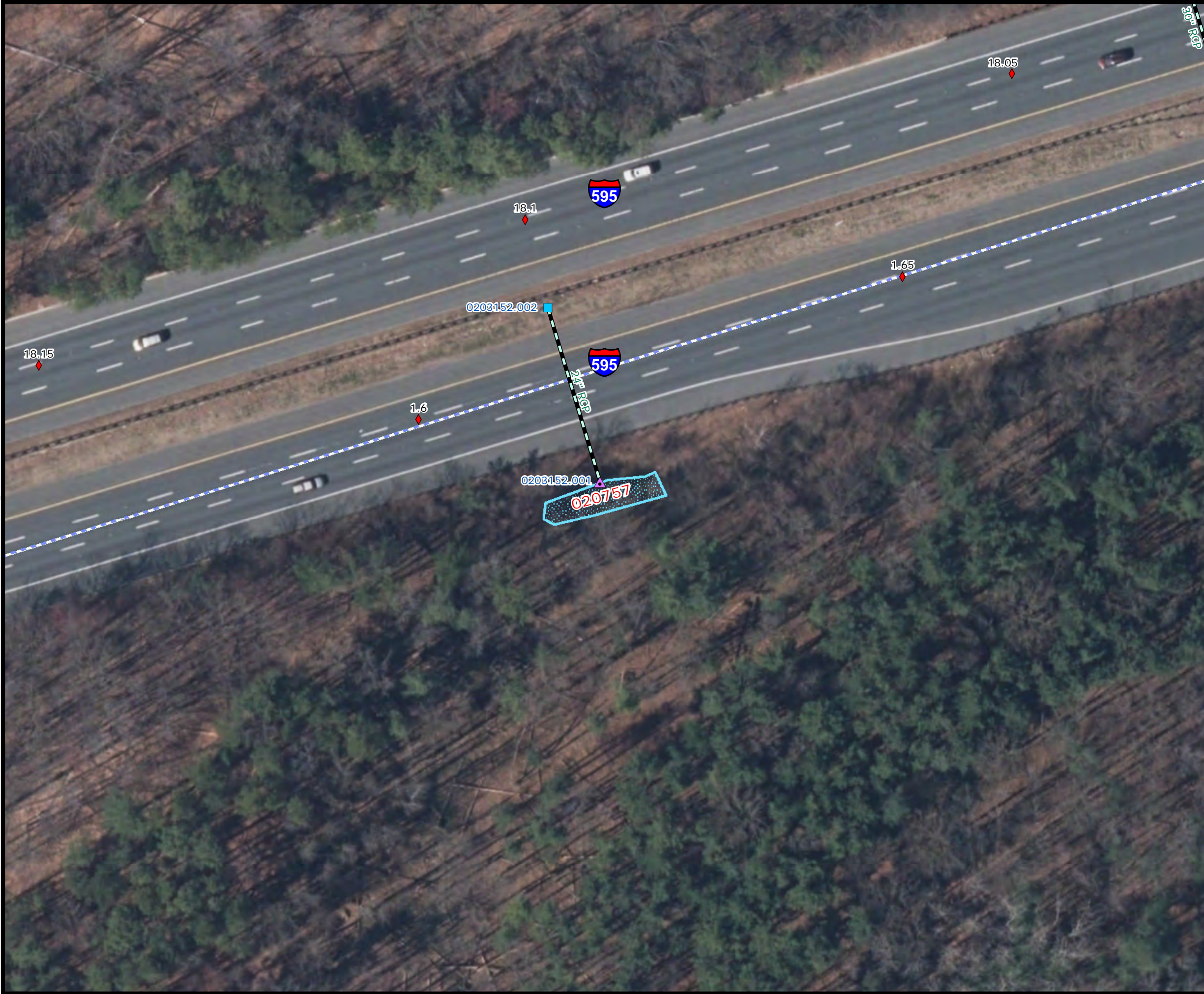


1 inch = 50 feet

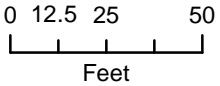


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





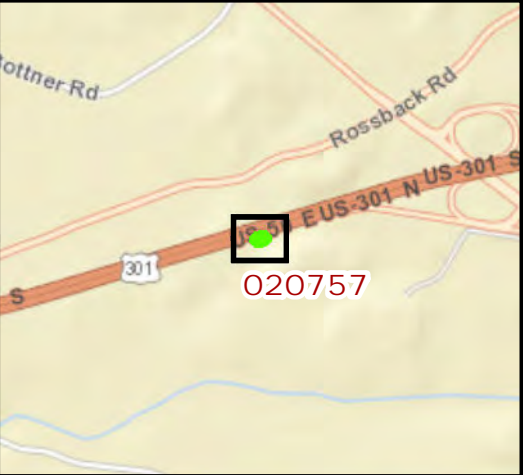
SHA SWM Facility
020757
Infiltration basin

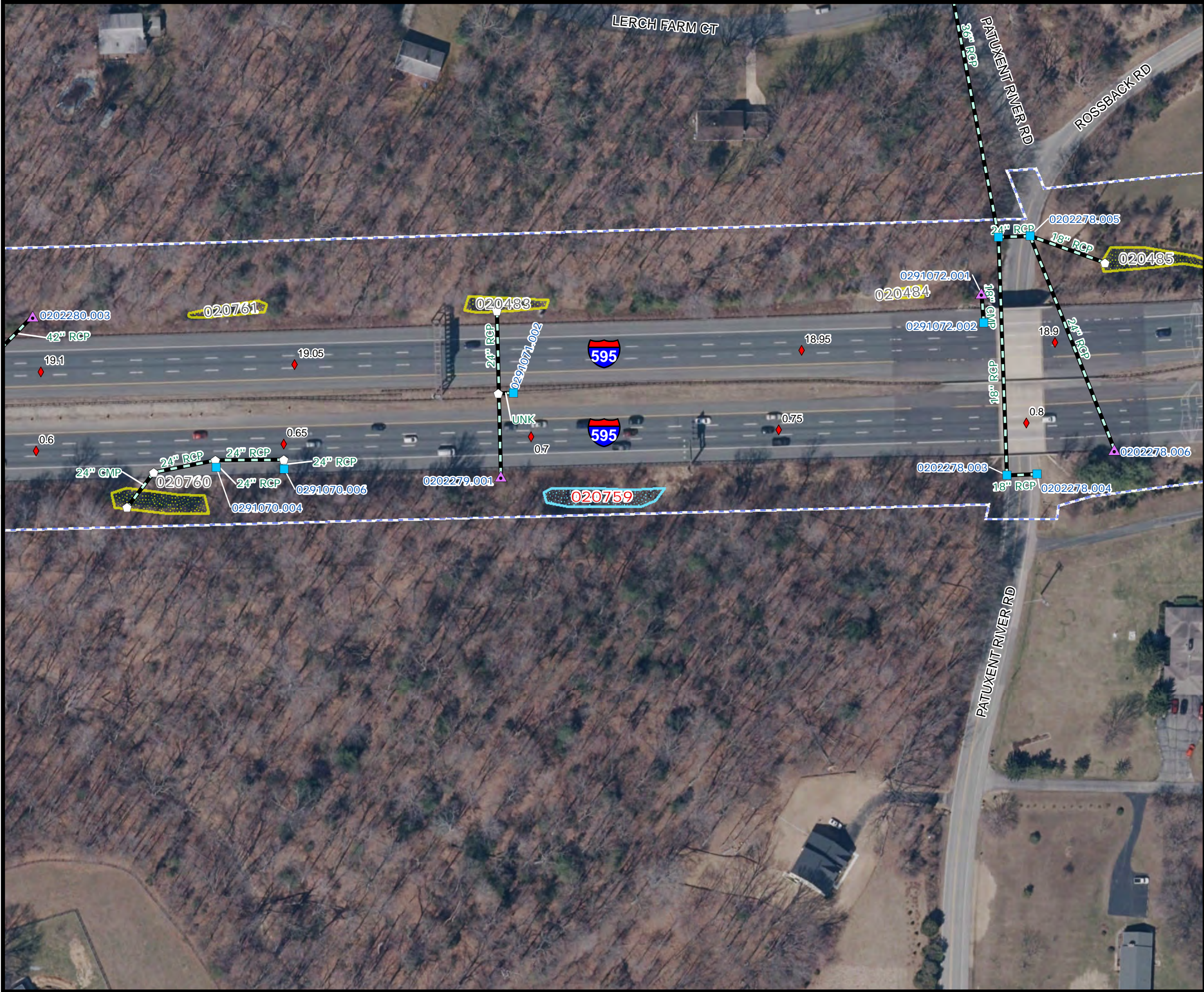


1 inch = 50 feet

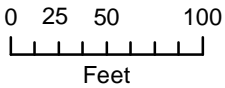


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





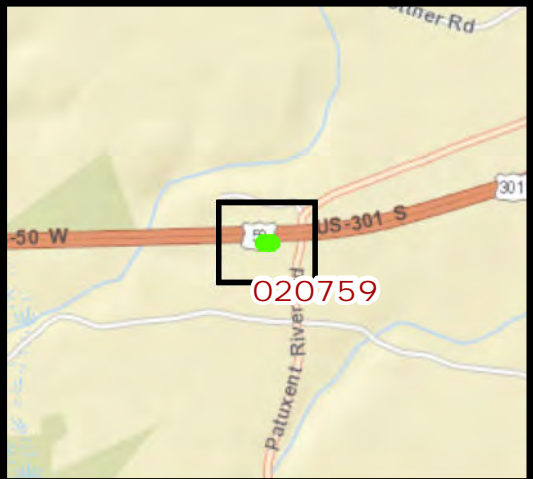
SHA SWM Facility
020759
Infiltration basin



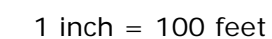
1 inch = 100 feet



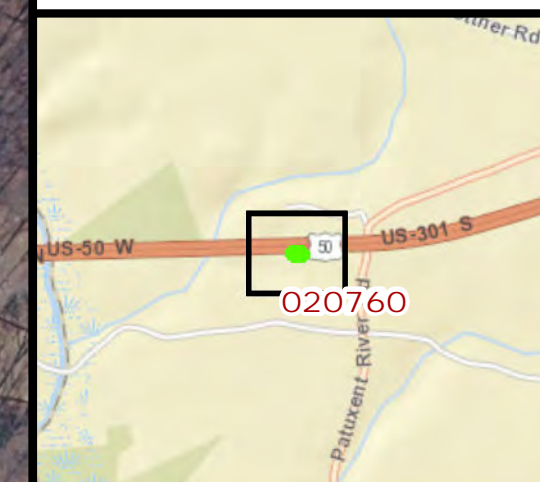
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



Infiltration basin



- 
- SHA** **hhd**
Highway Hydraulics Division



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020761

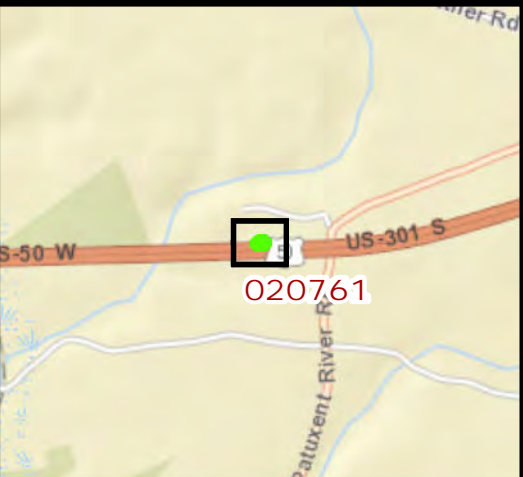
Infiltration basin



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



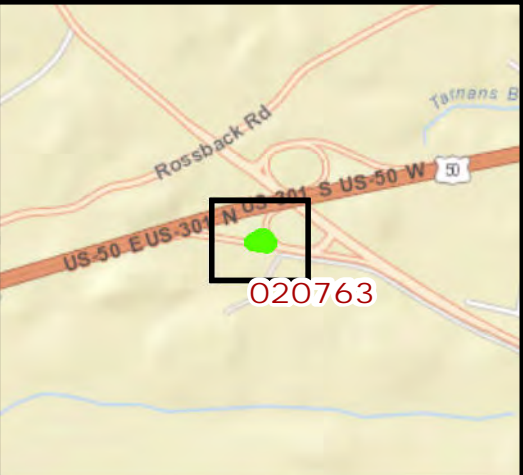
SHA SWM Facility
020763
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

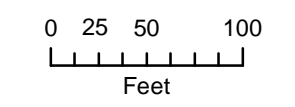


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020764

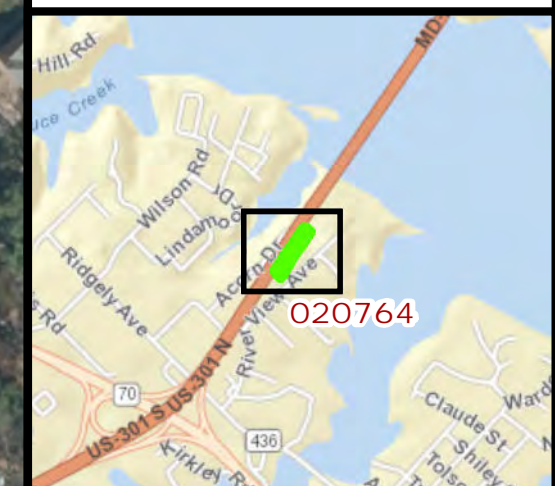
Infiltration trench



1 inch = 100 feet



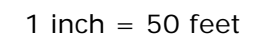
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary













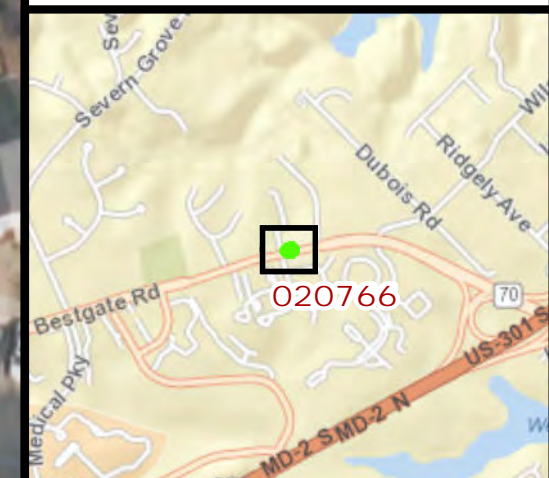
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



Infiltration trench



-  Manhole
-  Inlet
-  End/Headwall
-  Other Structure
-  Pipe
-  Milepoint
-  Facility Footprint
-  Nearby Facilities
-  Approx SHA Right-of-Way
-  Shop Boundary

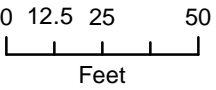


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020767

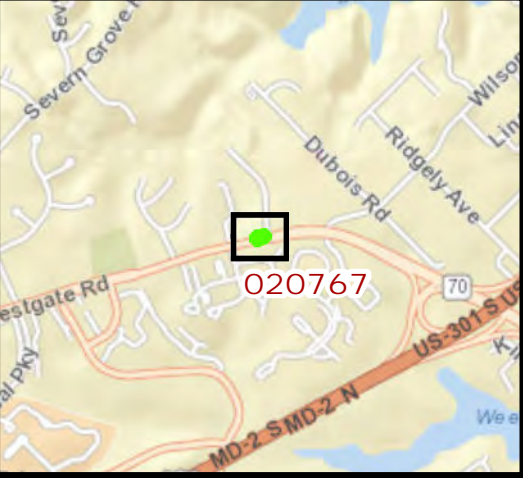
Infiltration trench



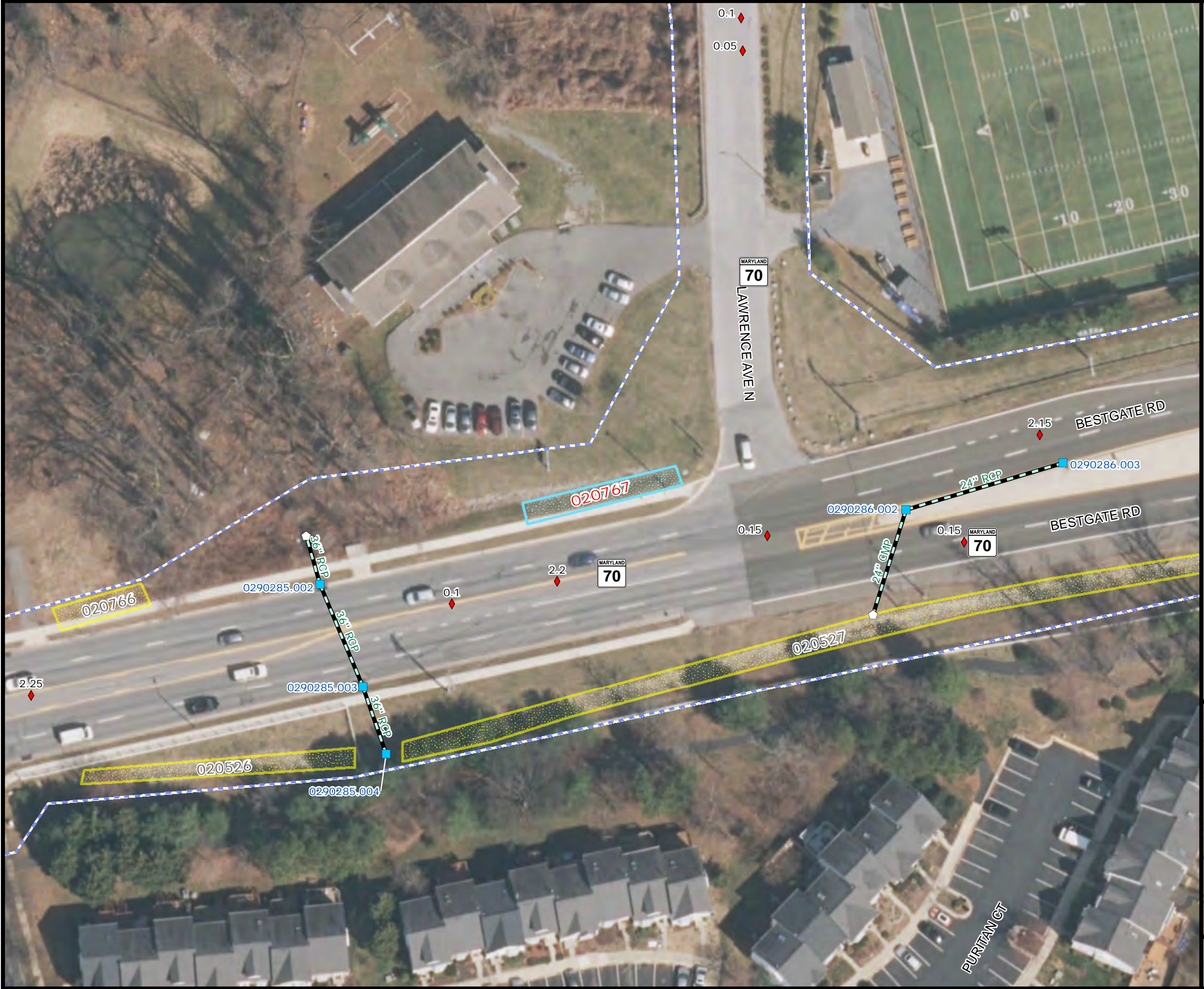
1 inch = 50 feet



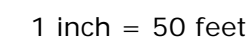
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary













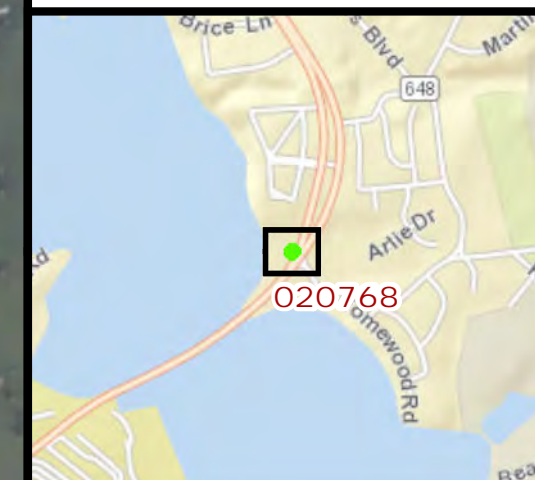
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



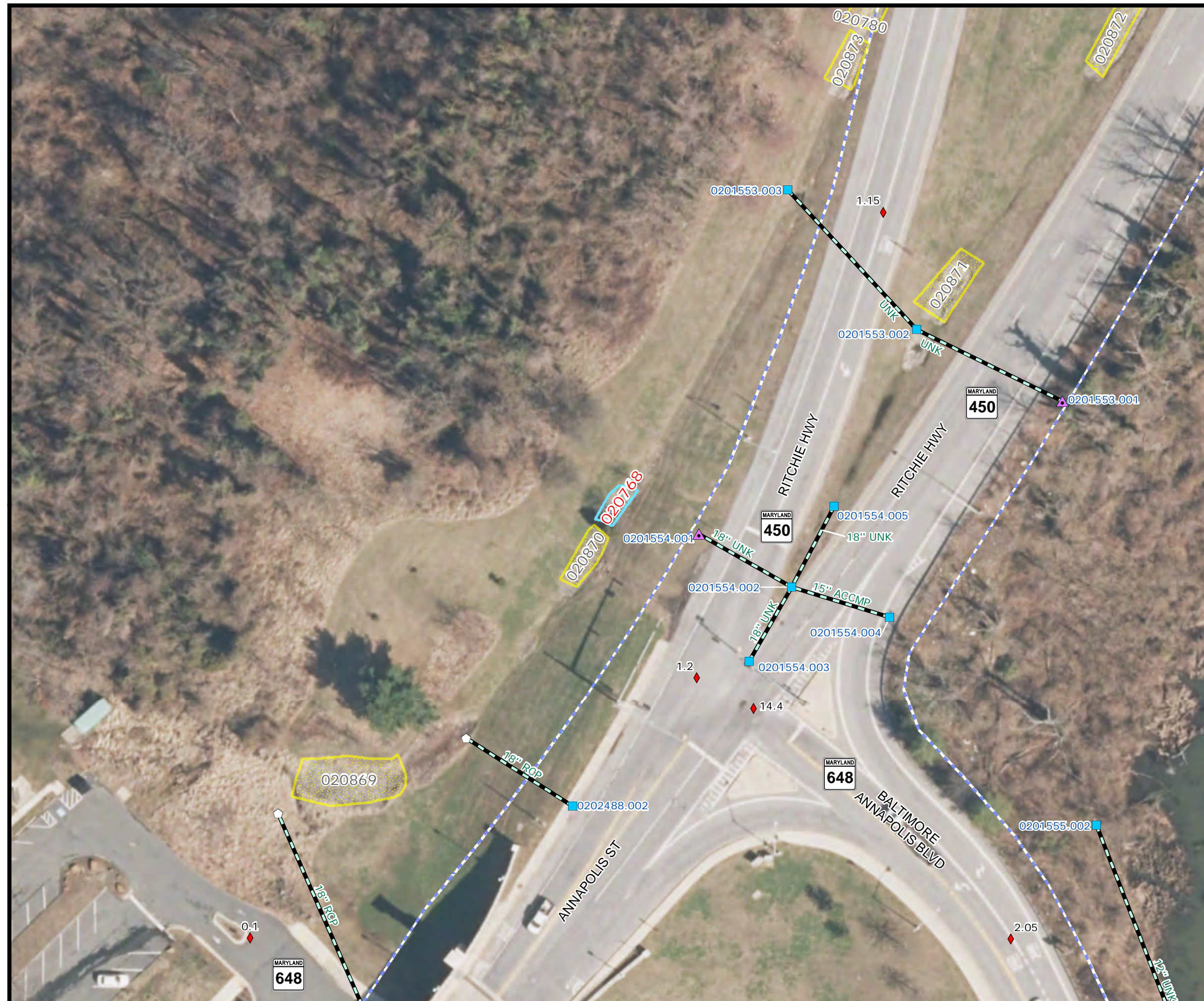
Infiltration trench



-  Manhole
-  Inlet
-  End/Headwall
-  Other Structure
-  Pipe
-  Milepoint
-  Facility Footprint
-  Nearby Facilities
-  Approx SHA Right-of-Way
-  Shop Boundary

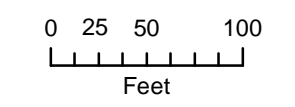


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020769

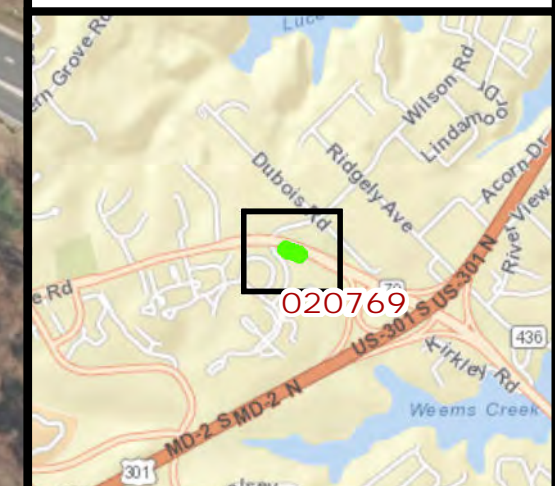
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

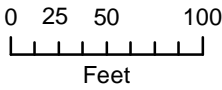


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020770

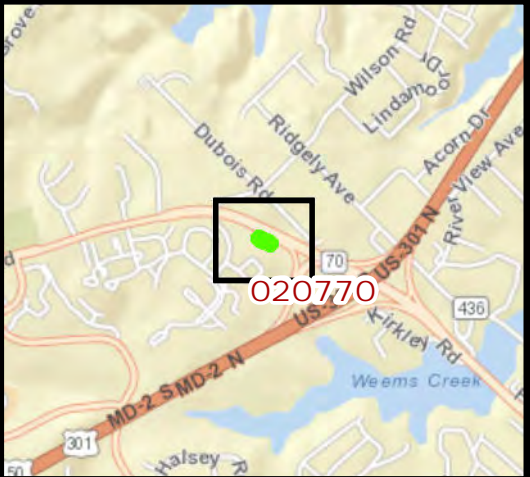
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



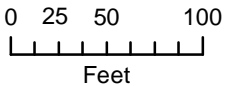
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020771

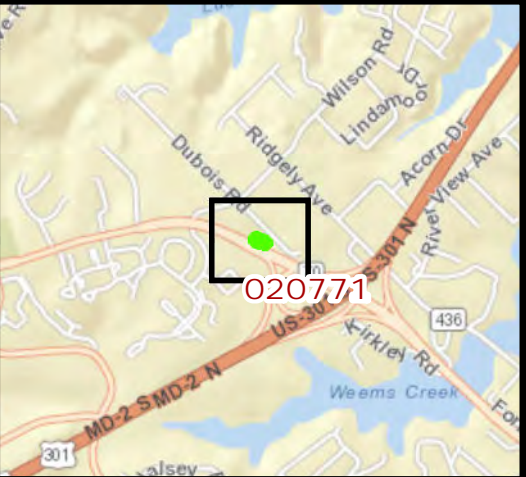
Infiltration trench



1 inch = 100 feet



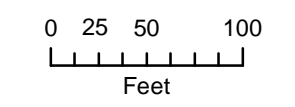
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility 020774

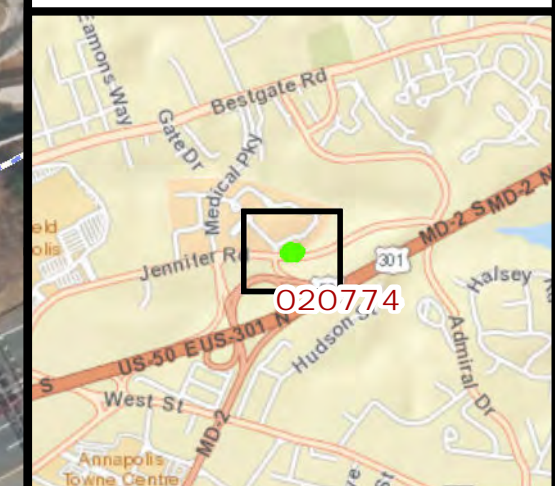
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



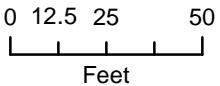
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020775

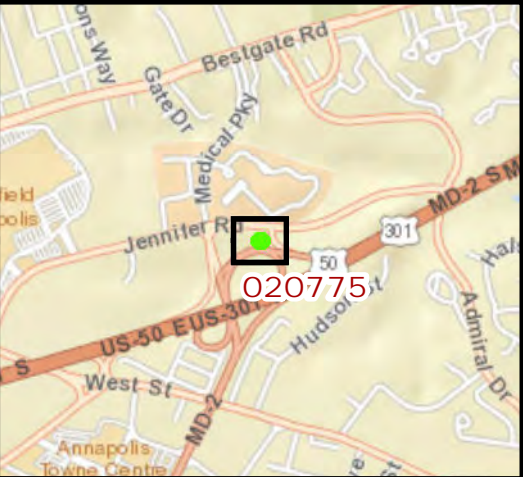
Infiltration trench



1 inch = 50 feet

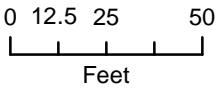


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020779

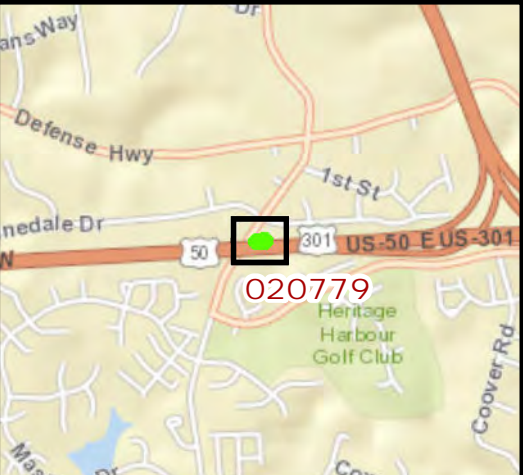
Infiltration trench



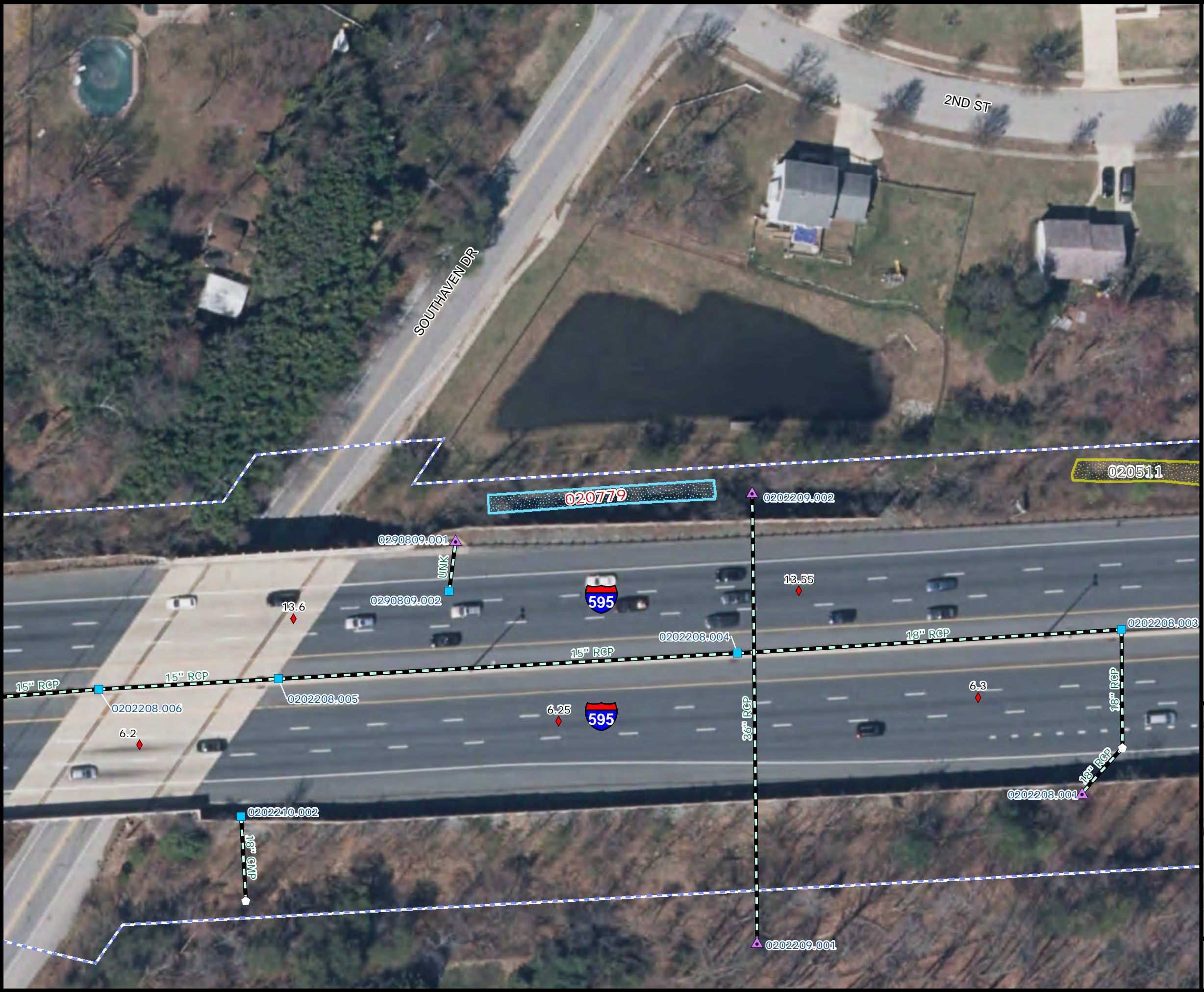
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



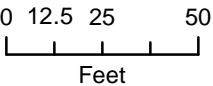
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020780

Infiltration trench

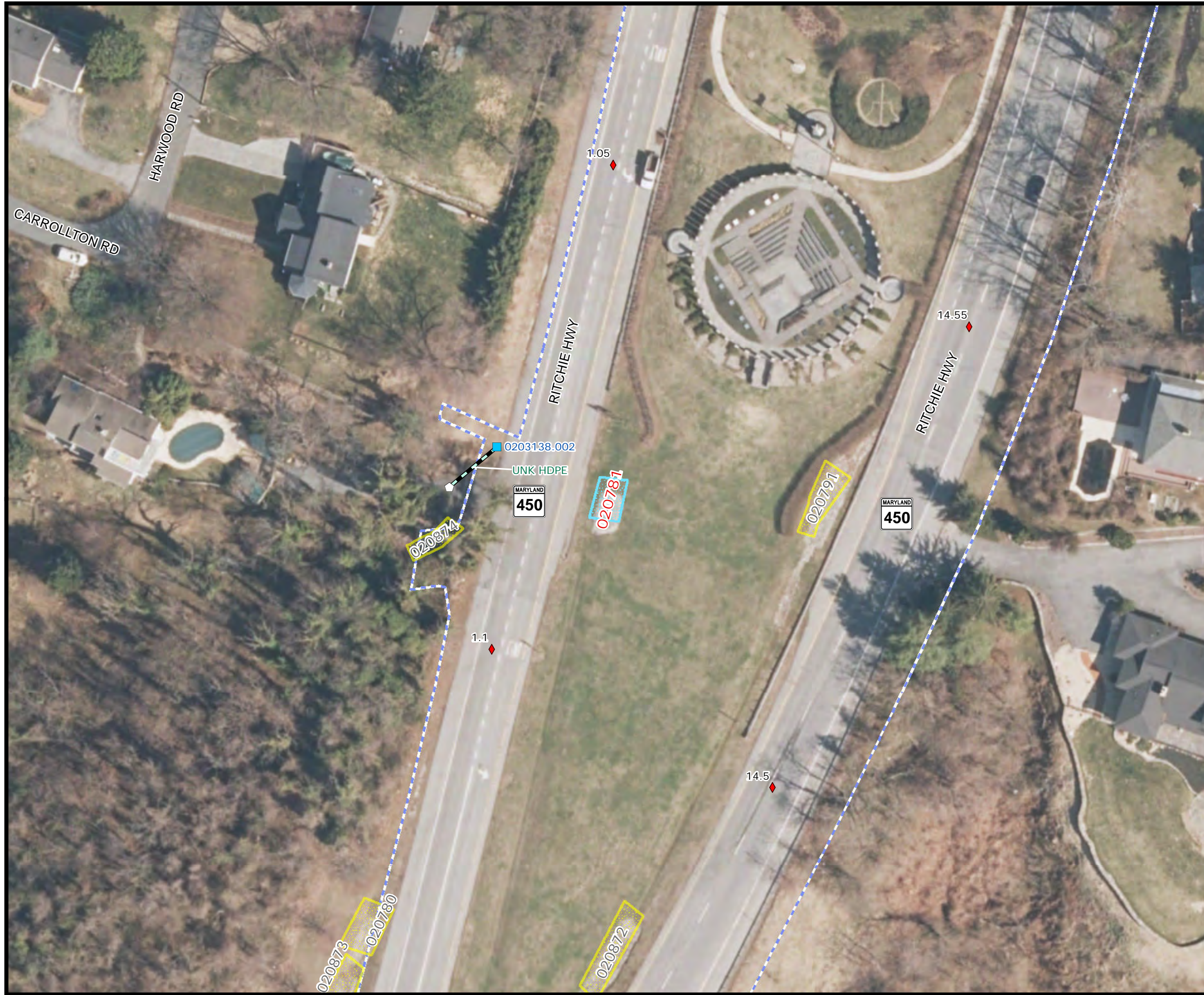


1 inch = 50 feet



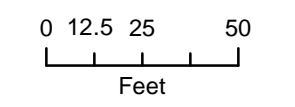
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020781

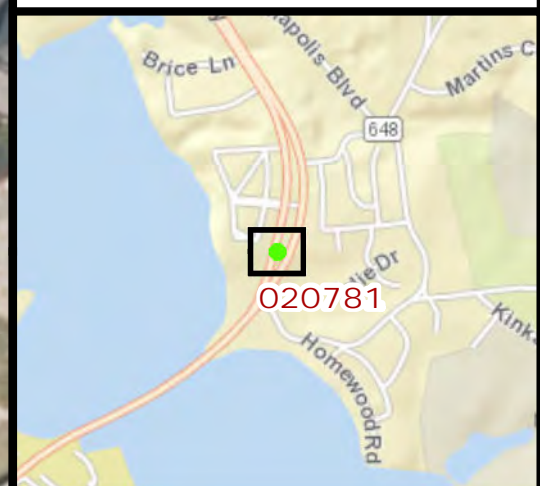
Infiltration trench



1 inch = 50 feet

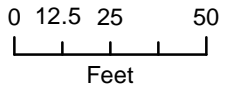


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

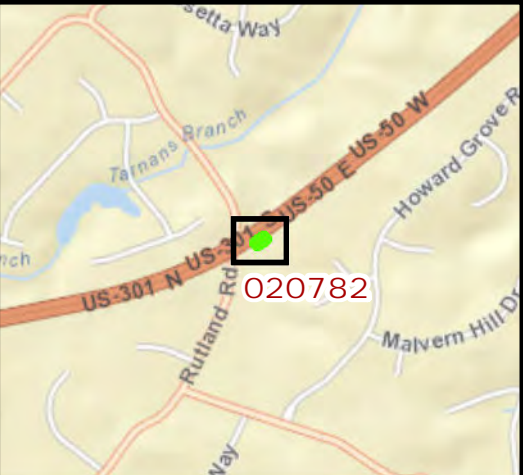
SHA SWM Facility
020782
Infiltration trench



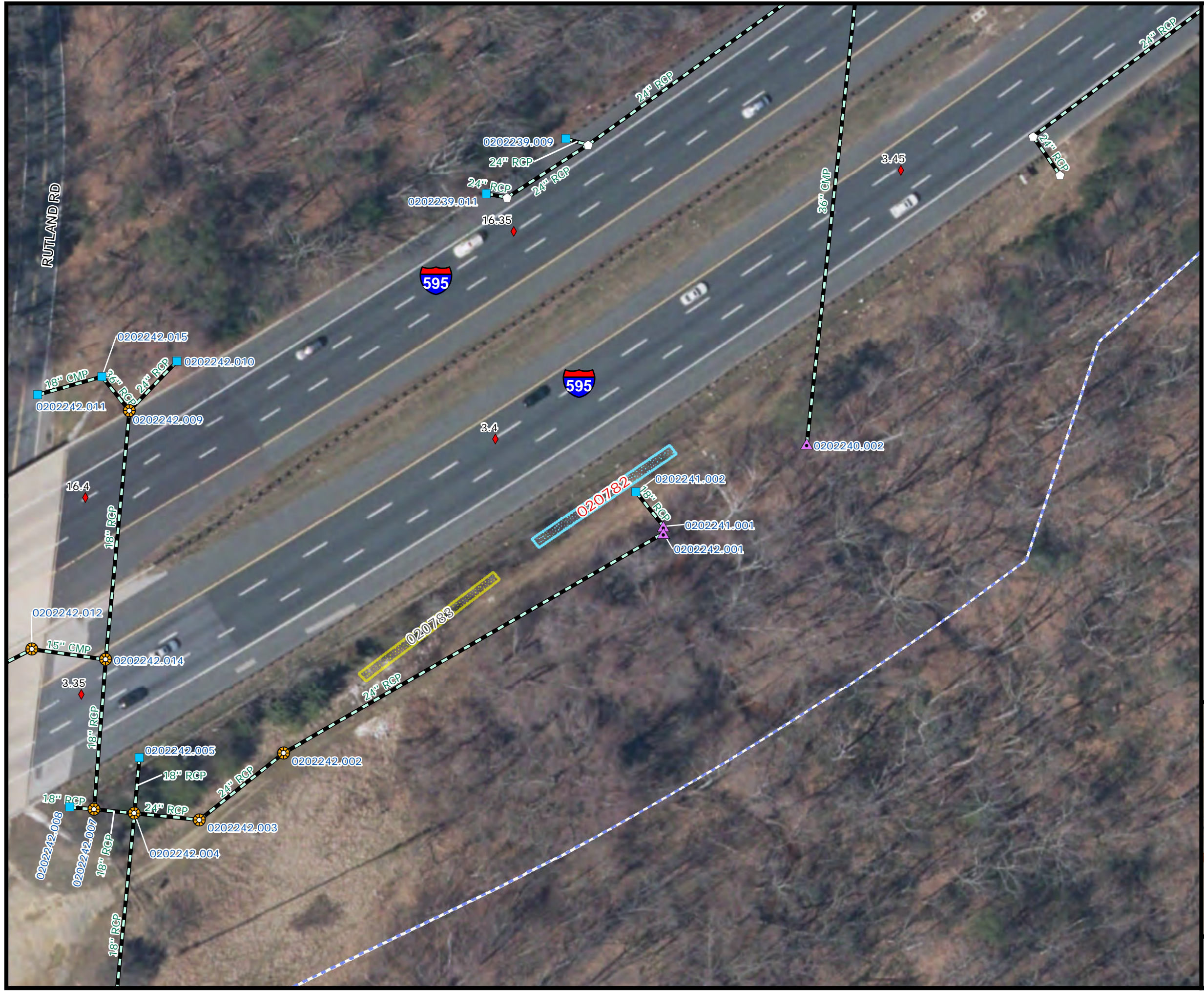
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





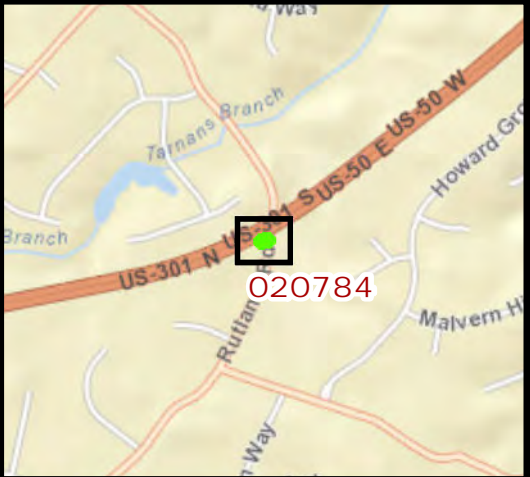
SHA SWM Facility
020784
Infiltration trench



1 inch = 50 feet

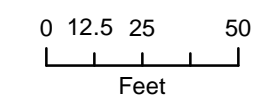


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020786

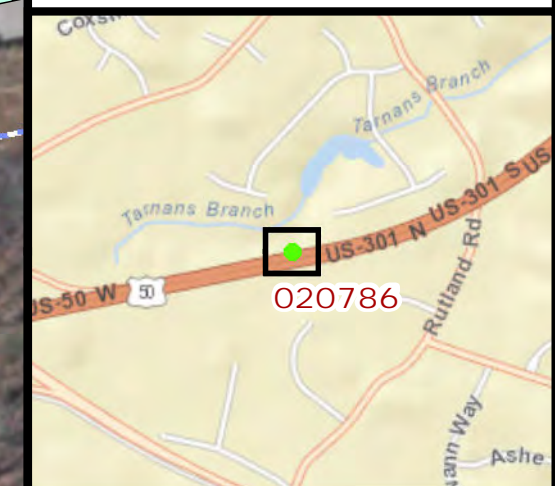
Infiltration trench



1 inch = 50 feet

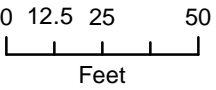


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020787

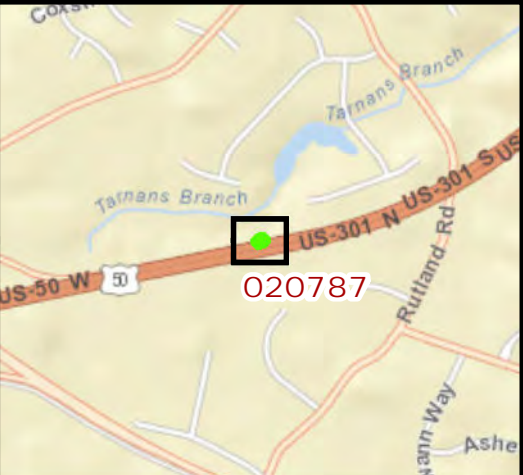
Infiltration trench

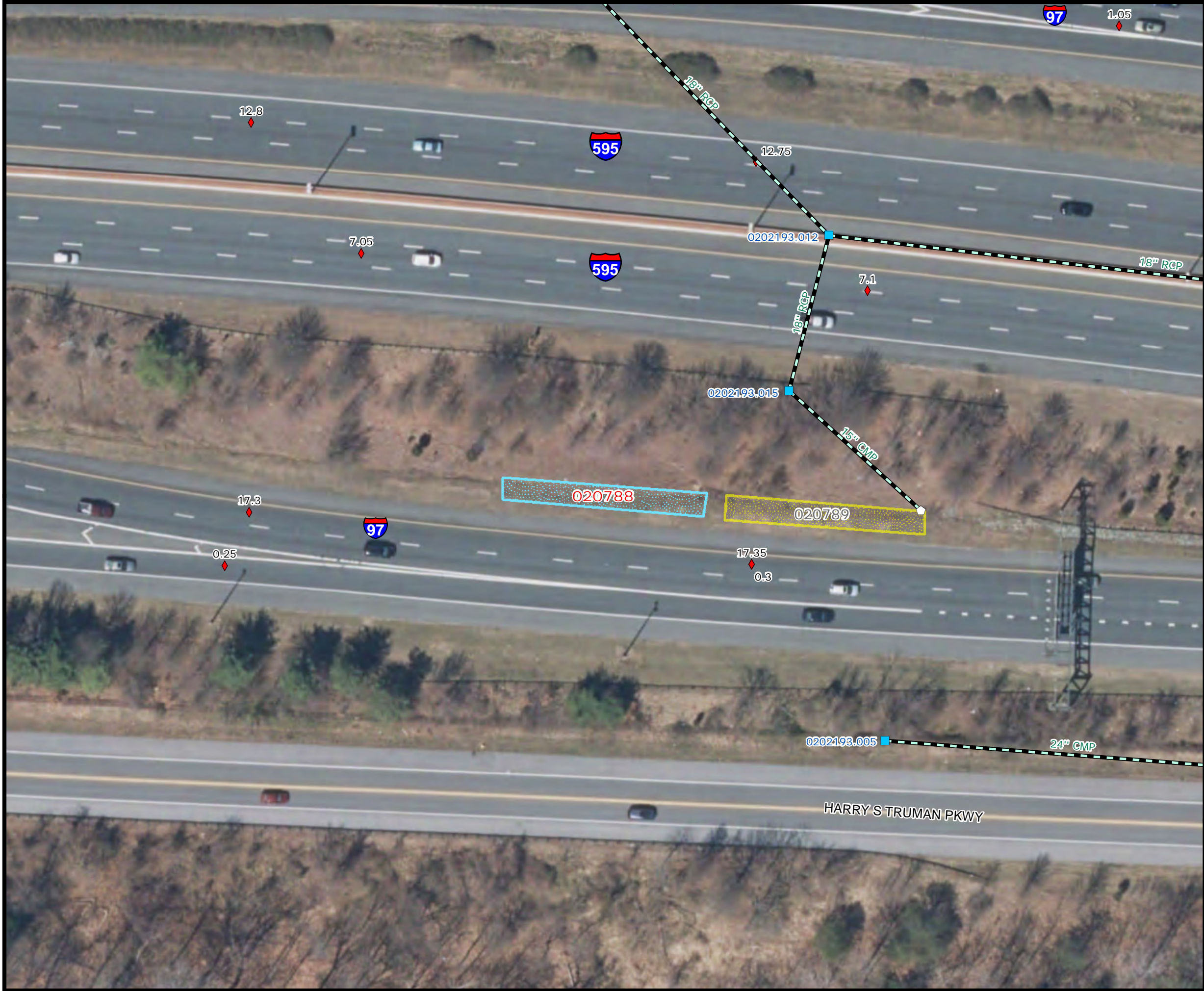


1 inch = 50 feet



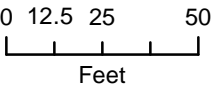
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020788

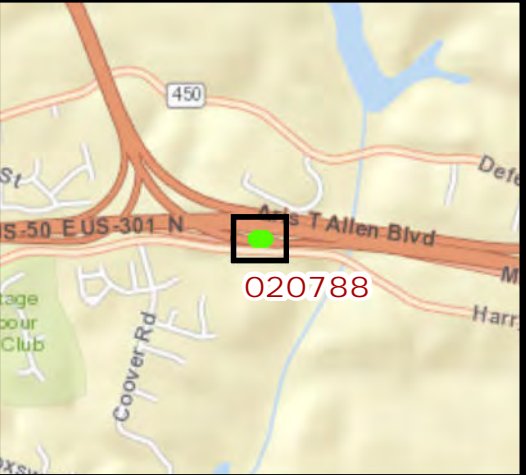
Infiltration trench



1 inch = 50 feet

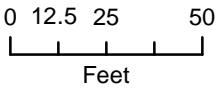


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020789

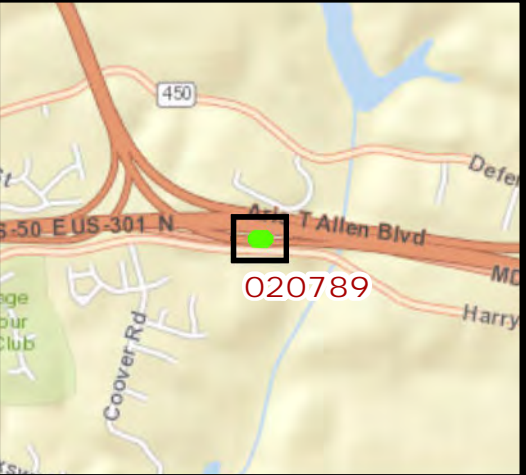
Infiltration trench



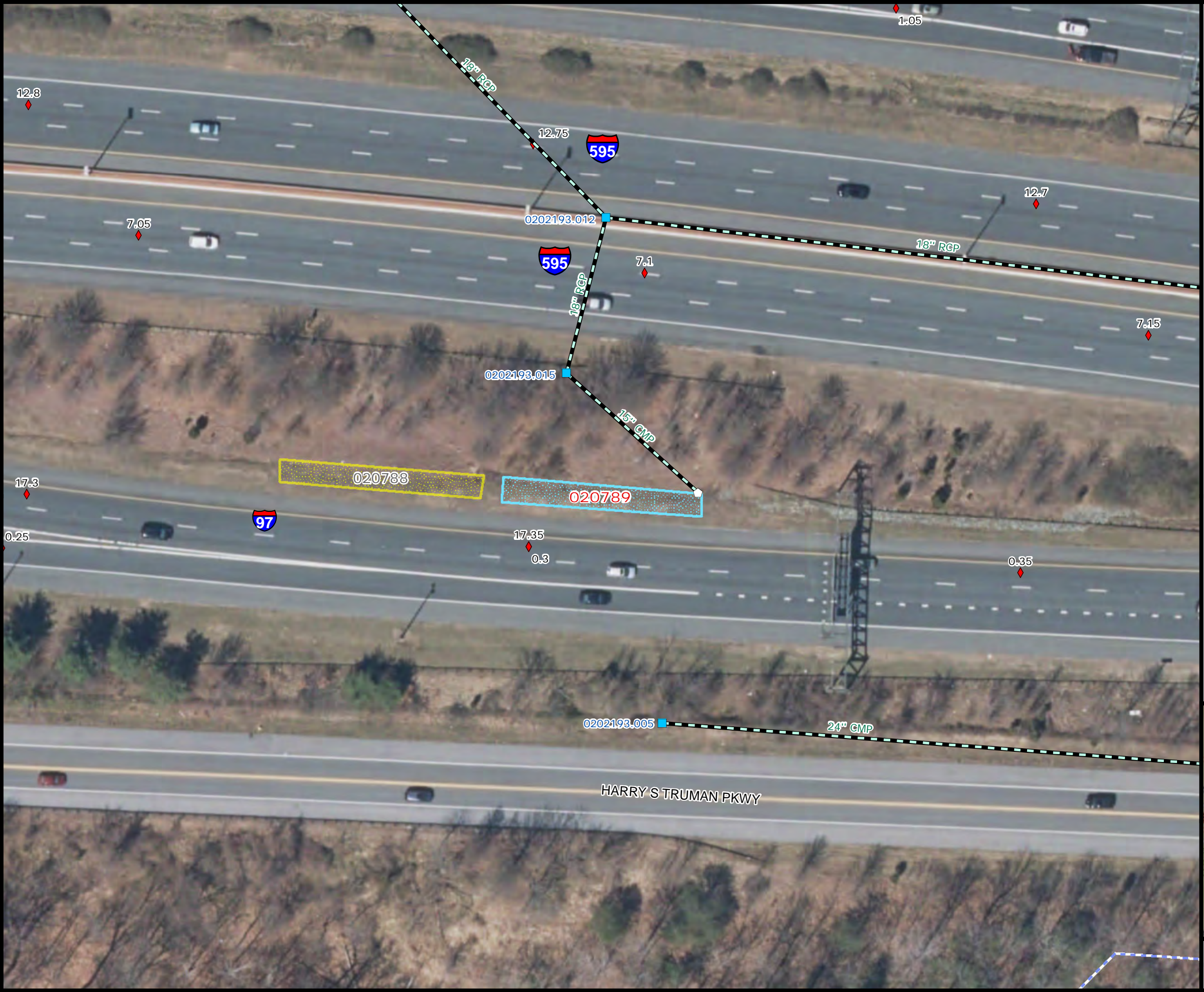
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

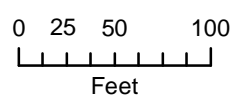


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020790

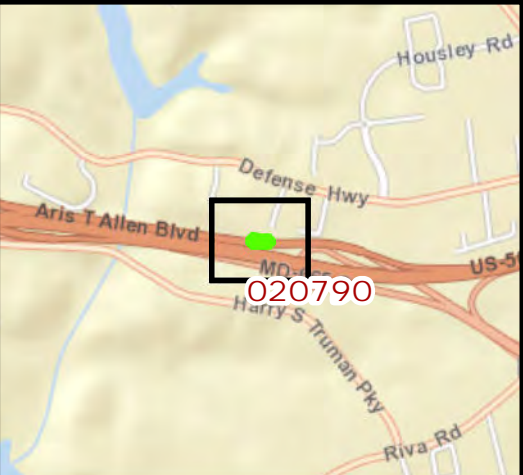
Infiltration trench



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020791

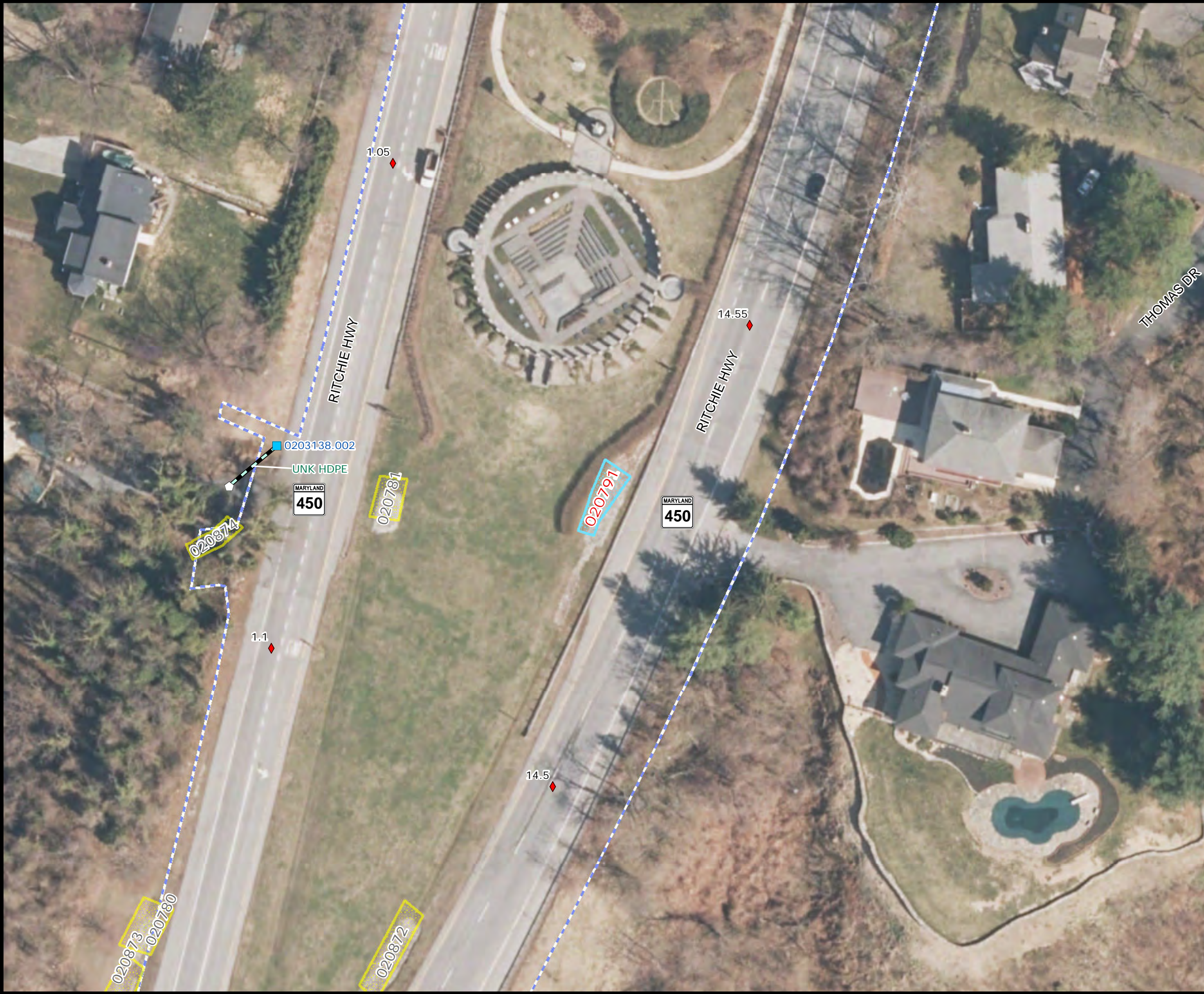
Infiltration trench



1 inch = 50 feet

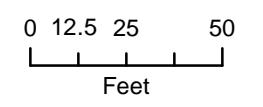


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020823

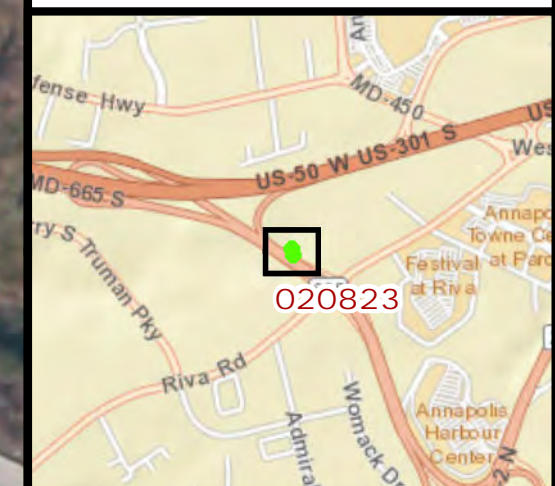
Other infiltration



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

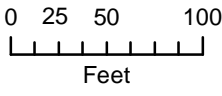


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020828

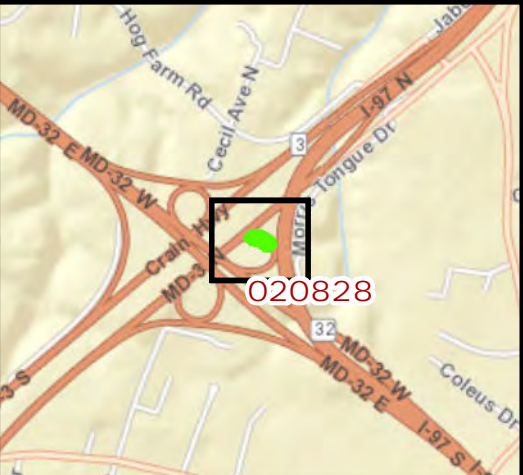
Infiltration basin



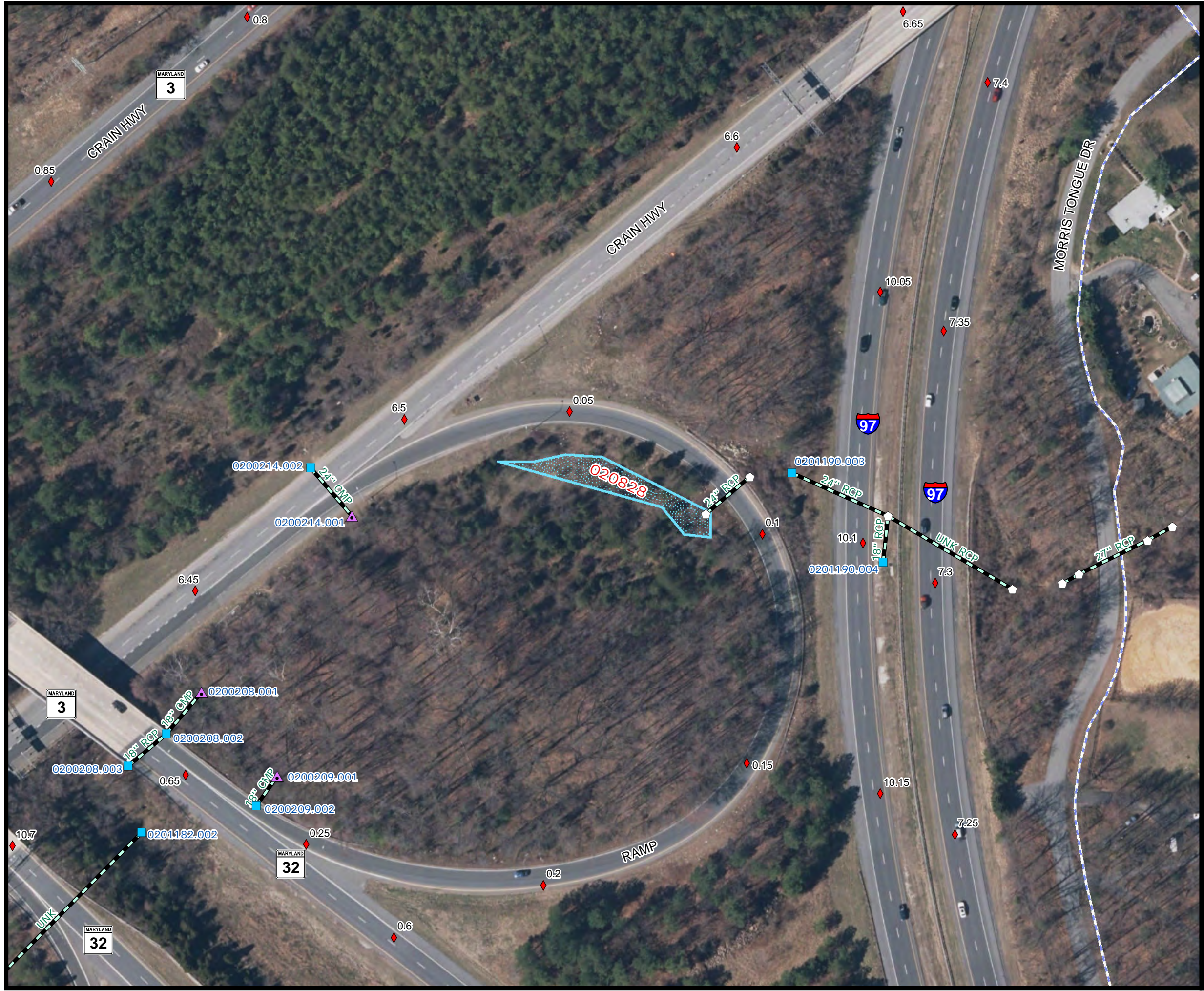
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020842
Dry pond



1 inch = 100 feet

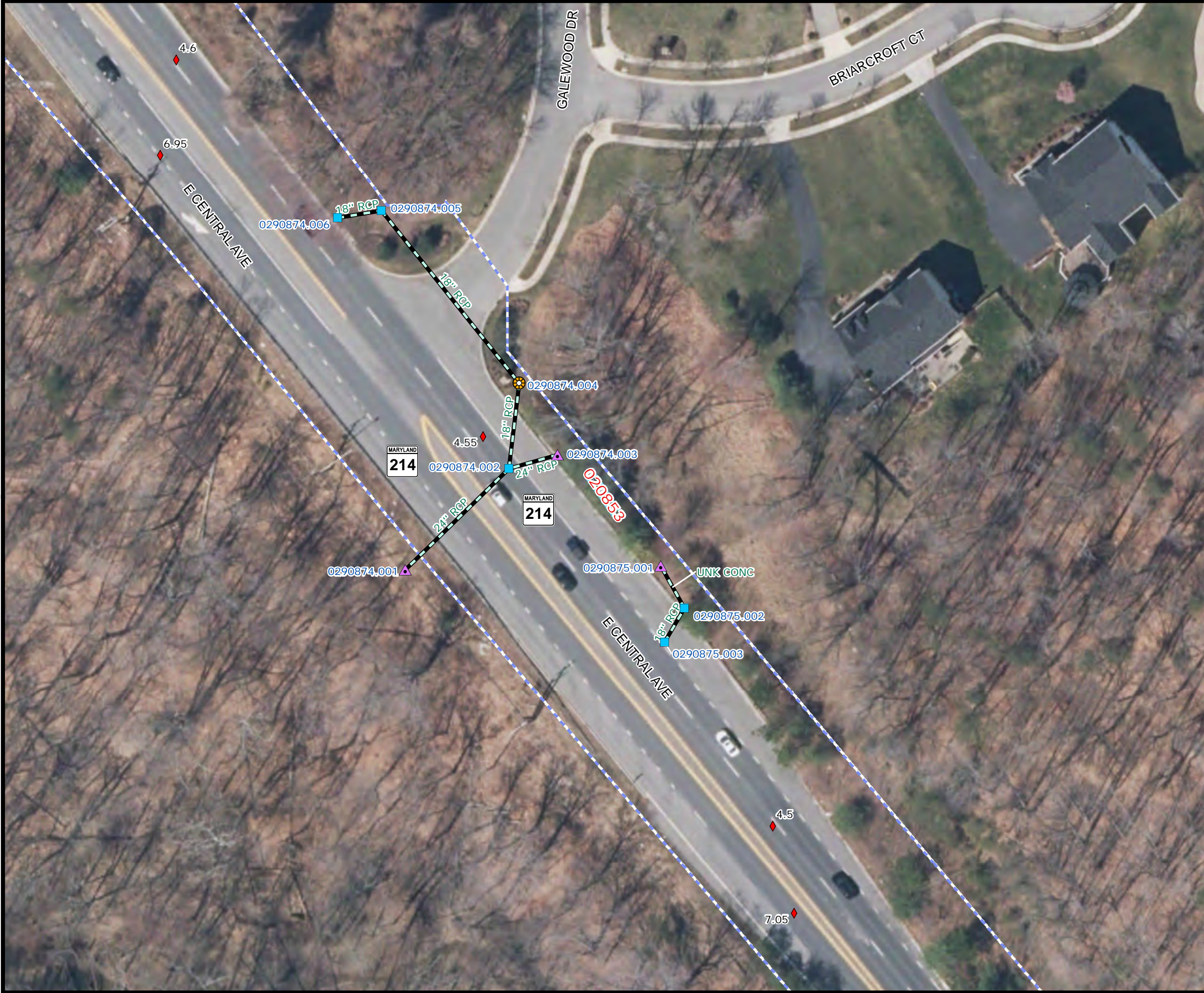


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



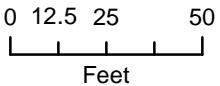
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020853

Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility 020855

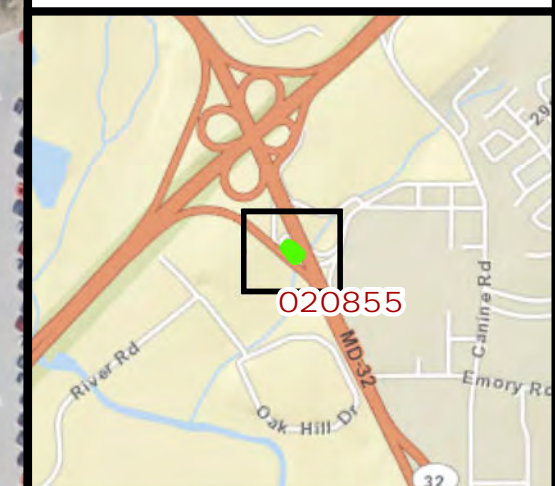
Pond/wetland system



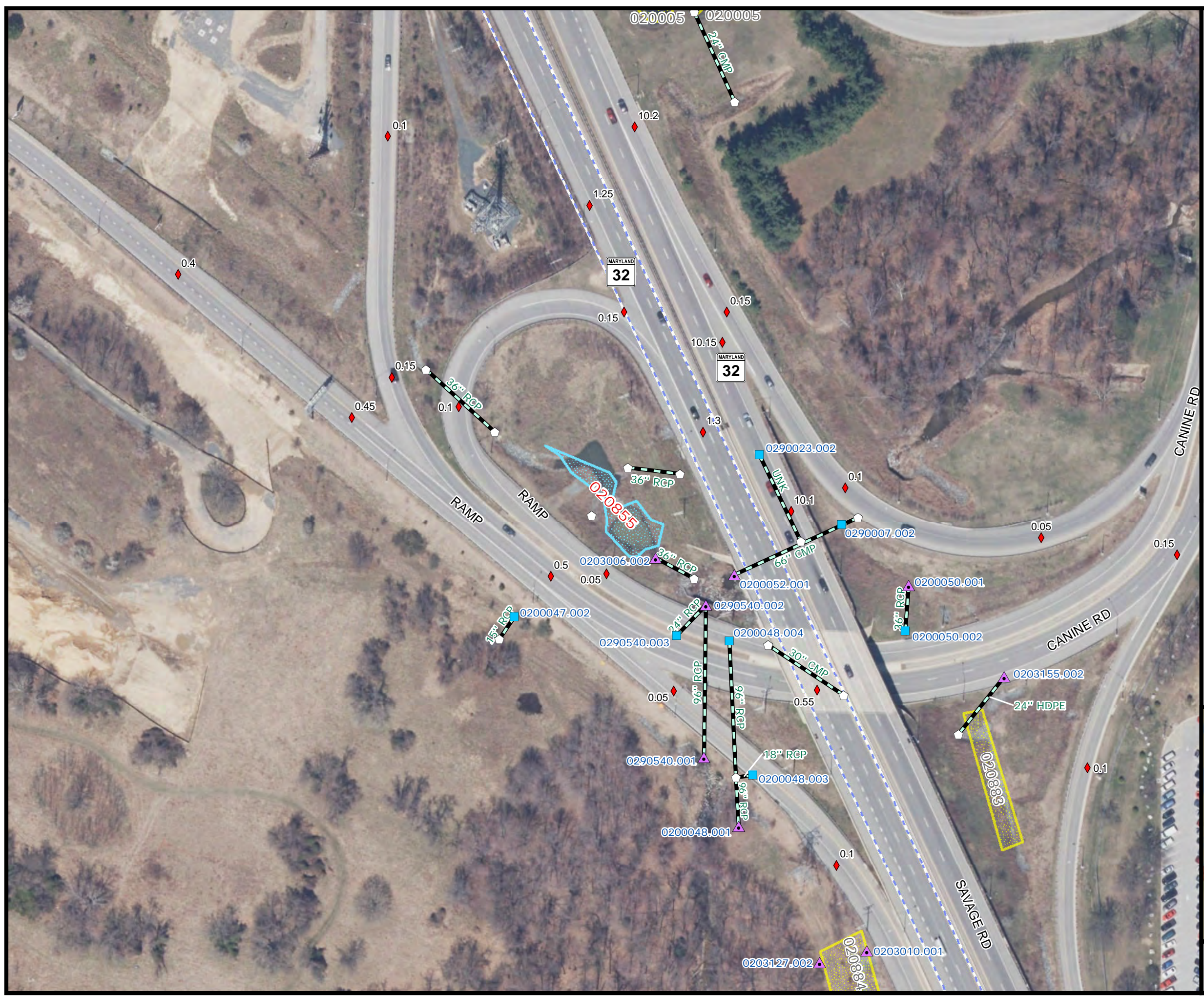
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

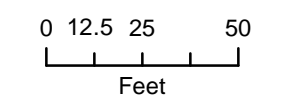


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020856

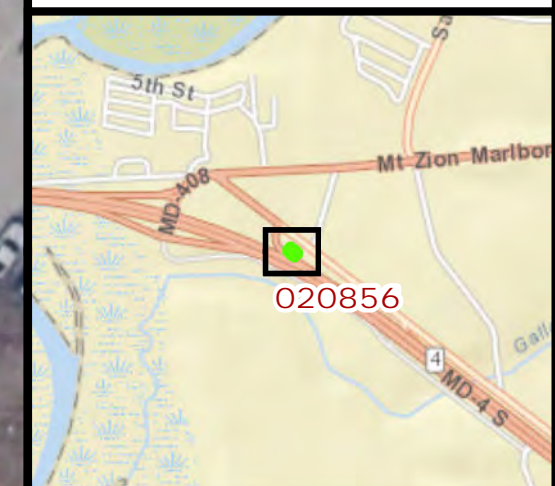
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



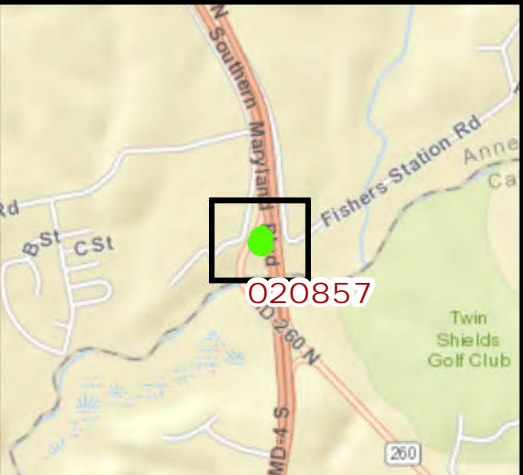
SHA SWM Facility
020857
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020858

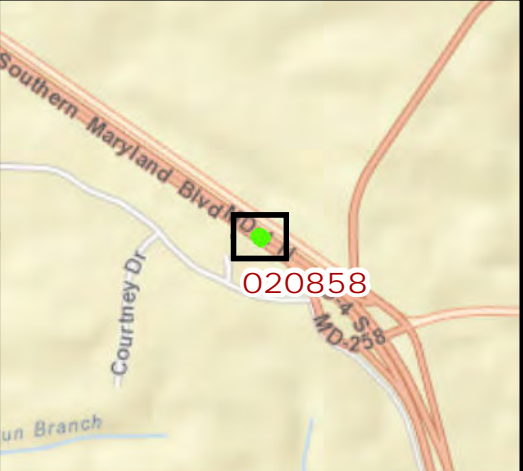
Infiltration trench



1 inch = 50 feet

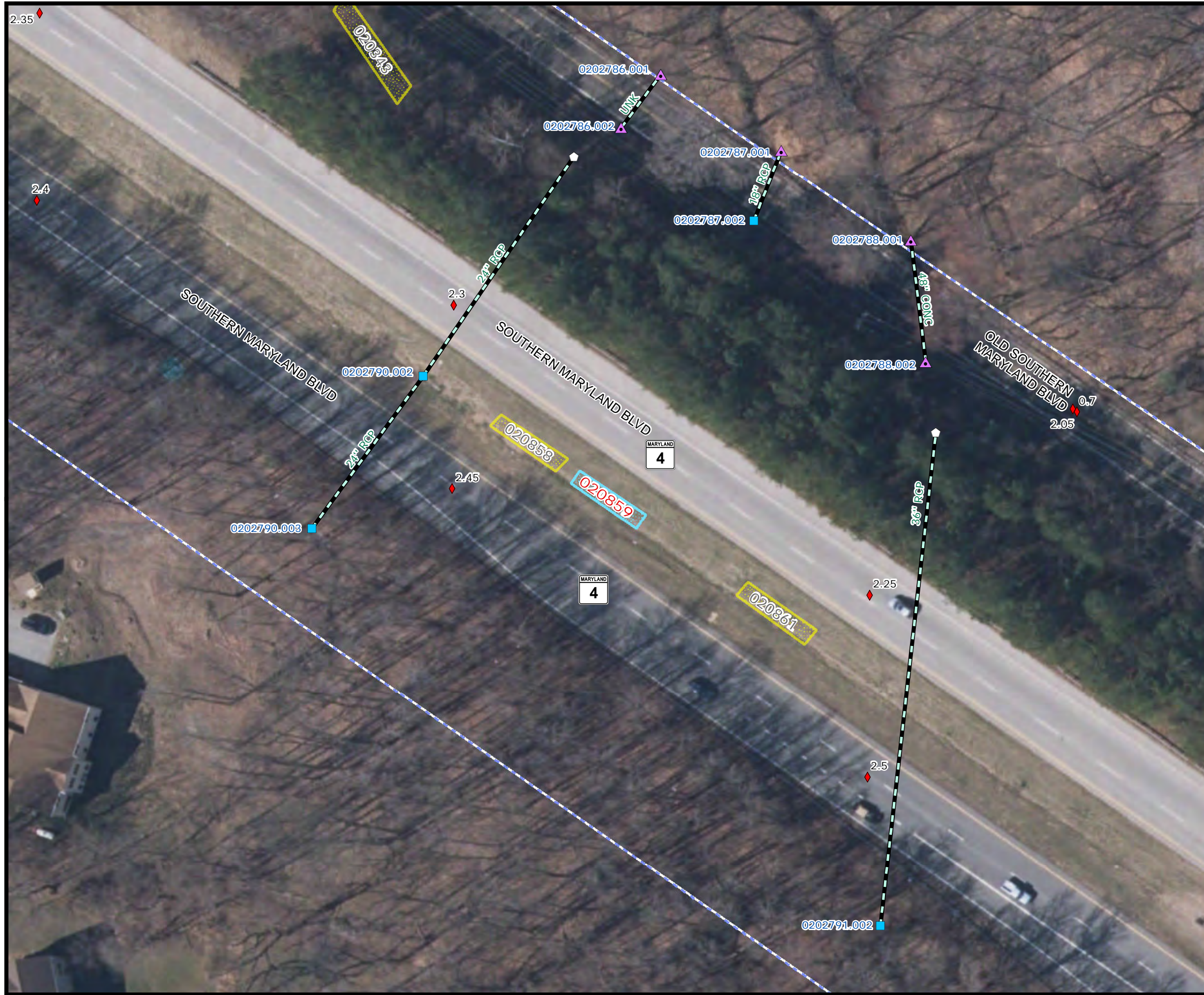


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



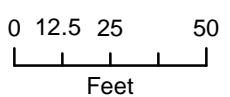
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020859

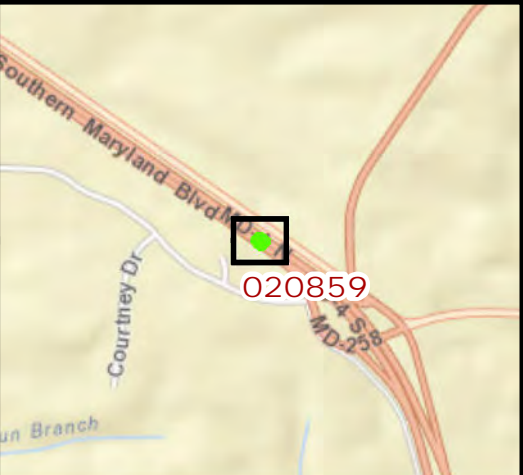
Infiltration trench



1 inch = 50 feet



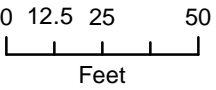
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020861

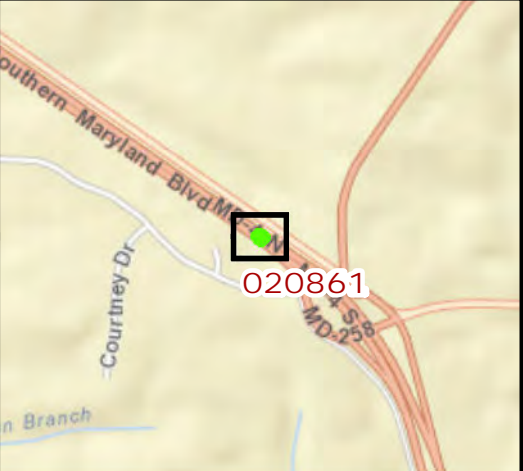
Infiltration trench



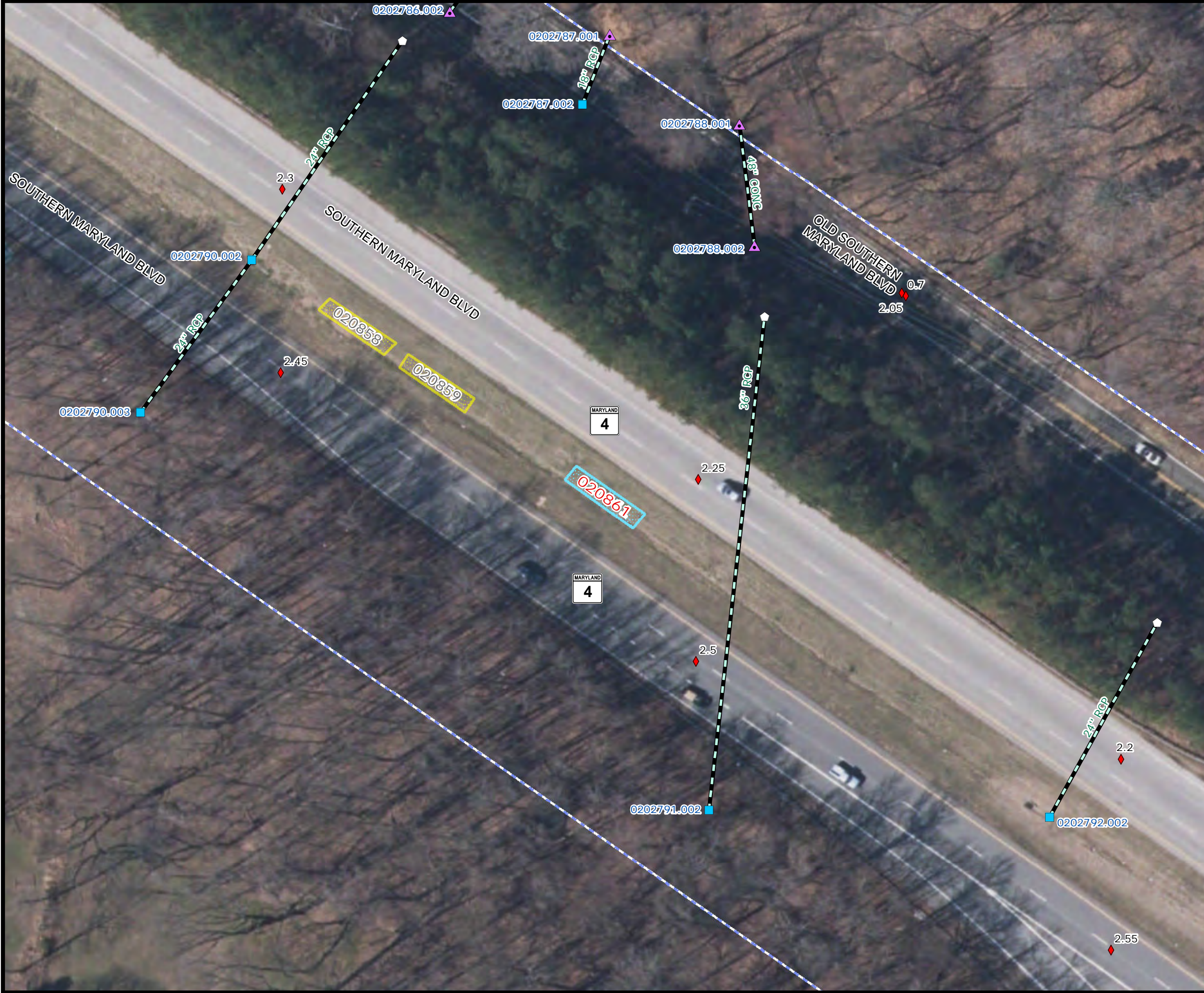
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





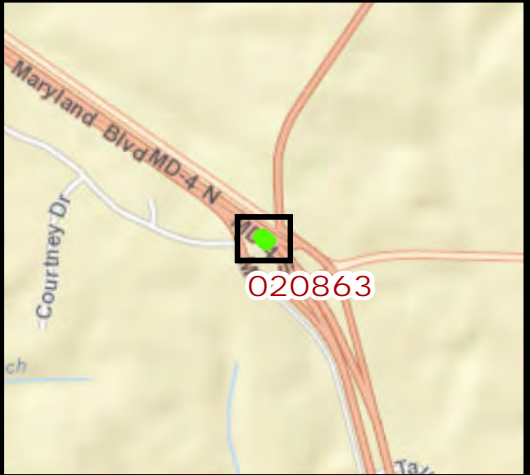
SHA SWM Facility
020863
Infiltration trench

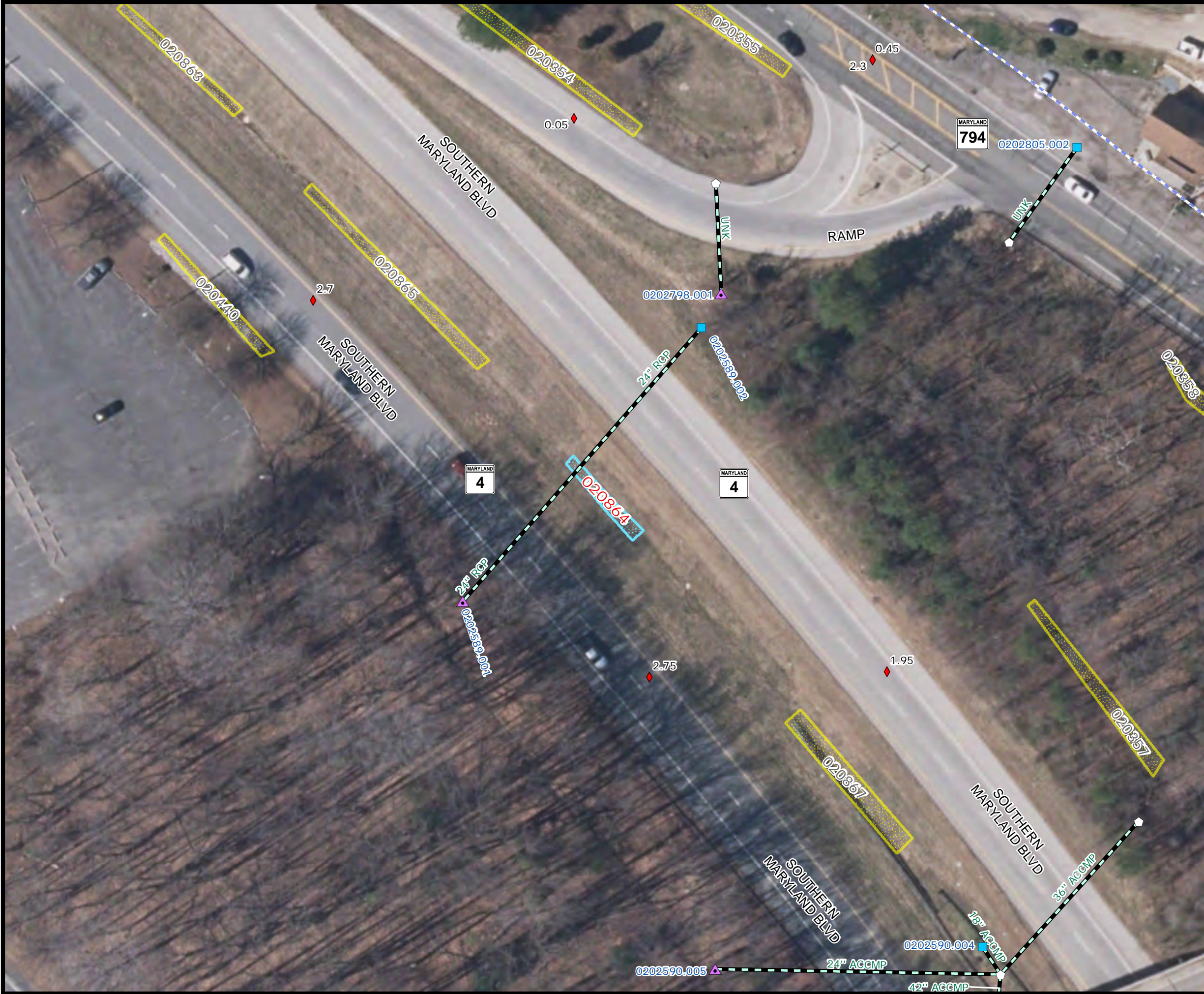
0 12.5 25 50
Feet

1 inch = 50 feet



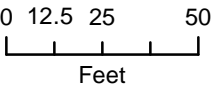
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020864

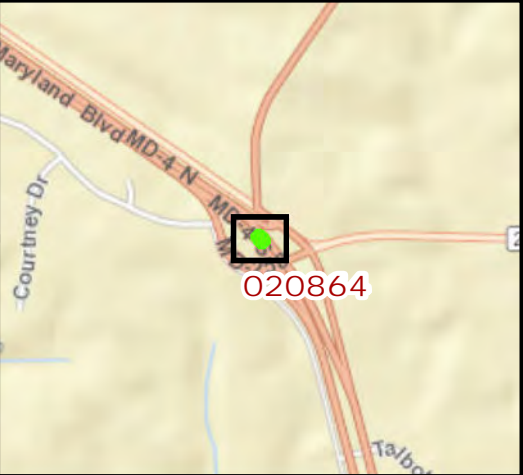
Infiltration trench



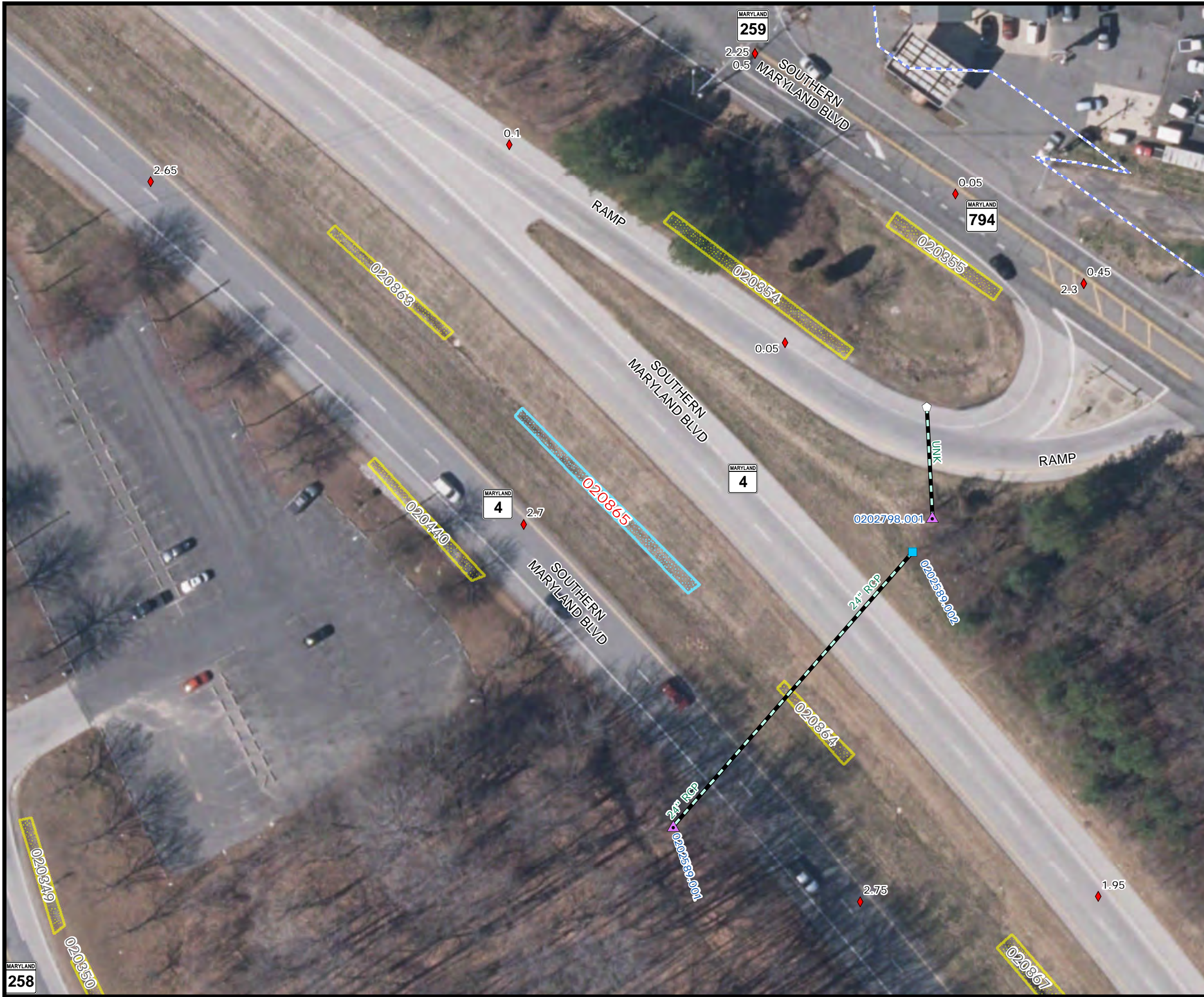
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

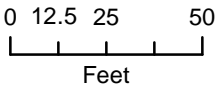


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020865

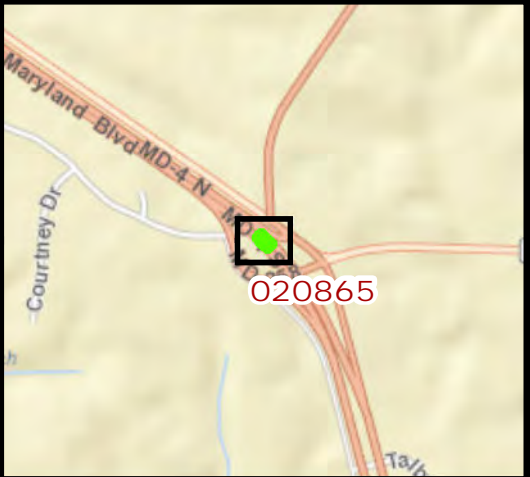
Infiltration trench



1 inch = 50 feet

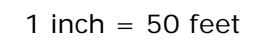












- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

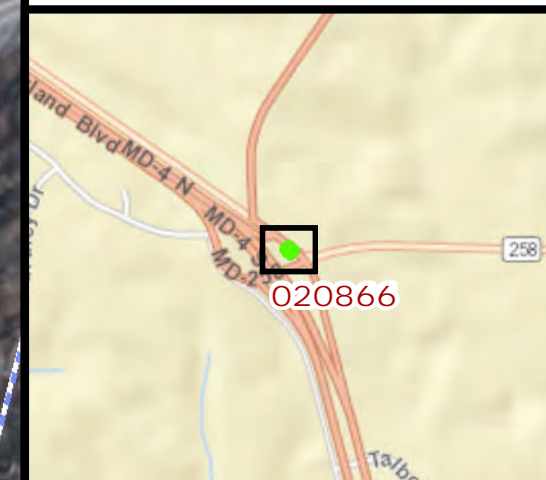


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

Infiltration trench

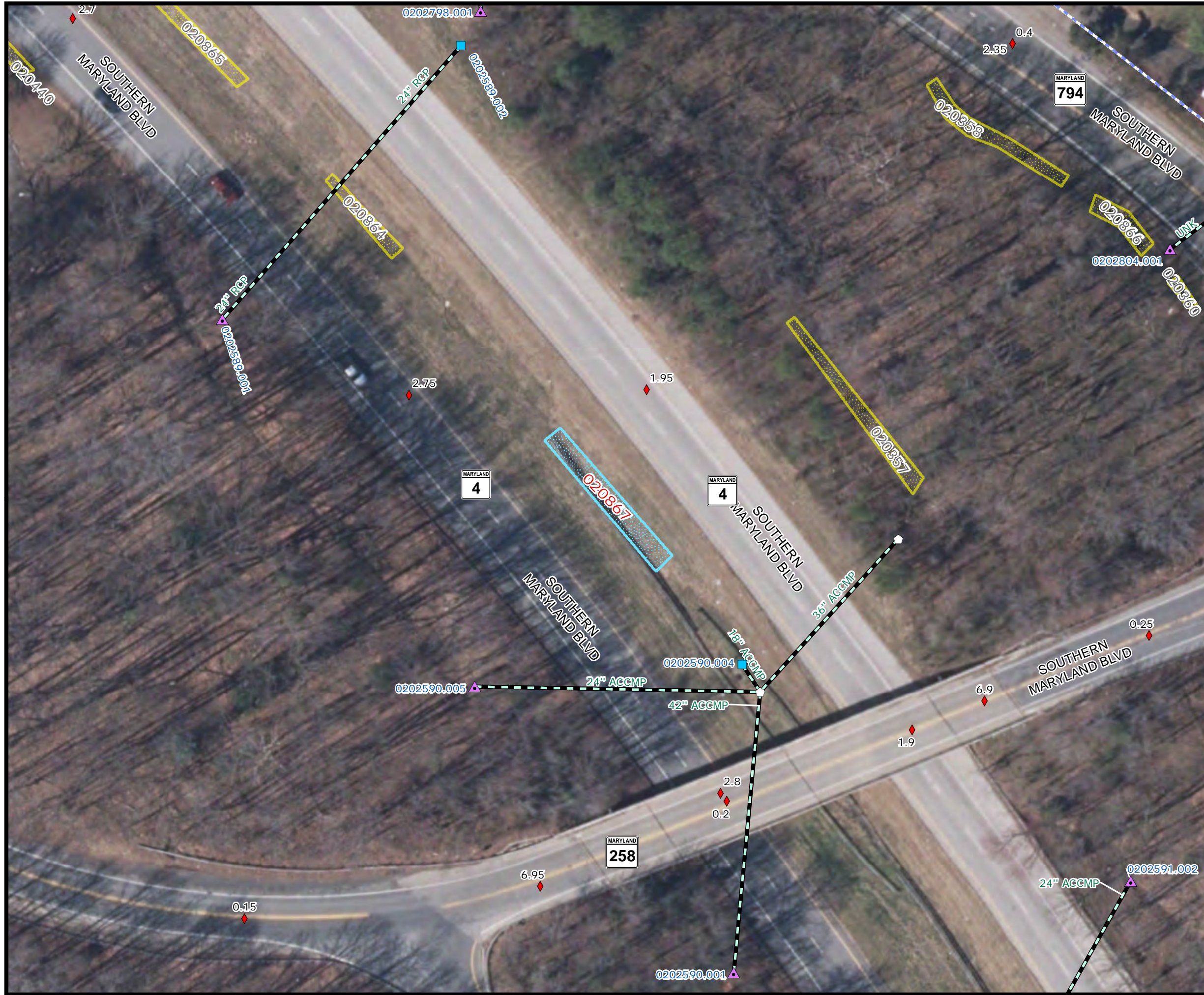


-  Manhole
-  Inlet
-  End/Headwall
-  Other Structure
-  Pipe
-  Milepoint
-  Facility Footprint
-  Nearby Facilities
-  Approx SHA Right-of-Way
-  Shop Boundary



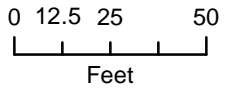
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020867

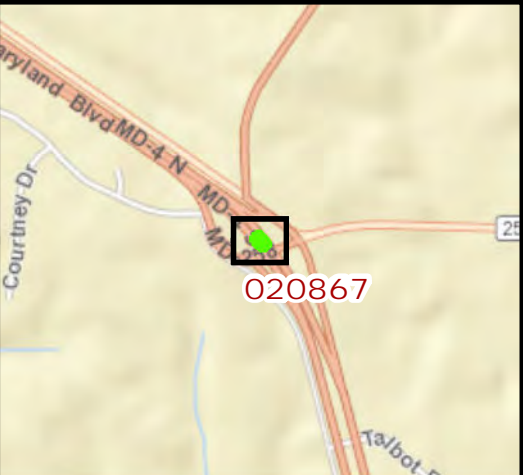
Infiltration trench



1 inch = 50 feet



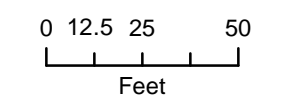
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility 020868

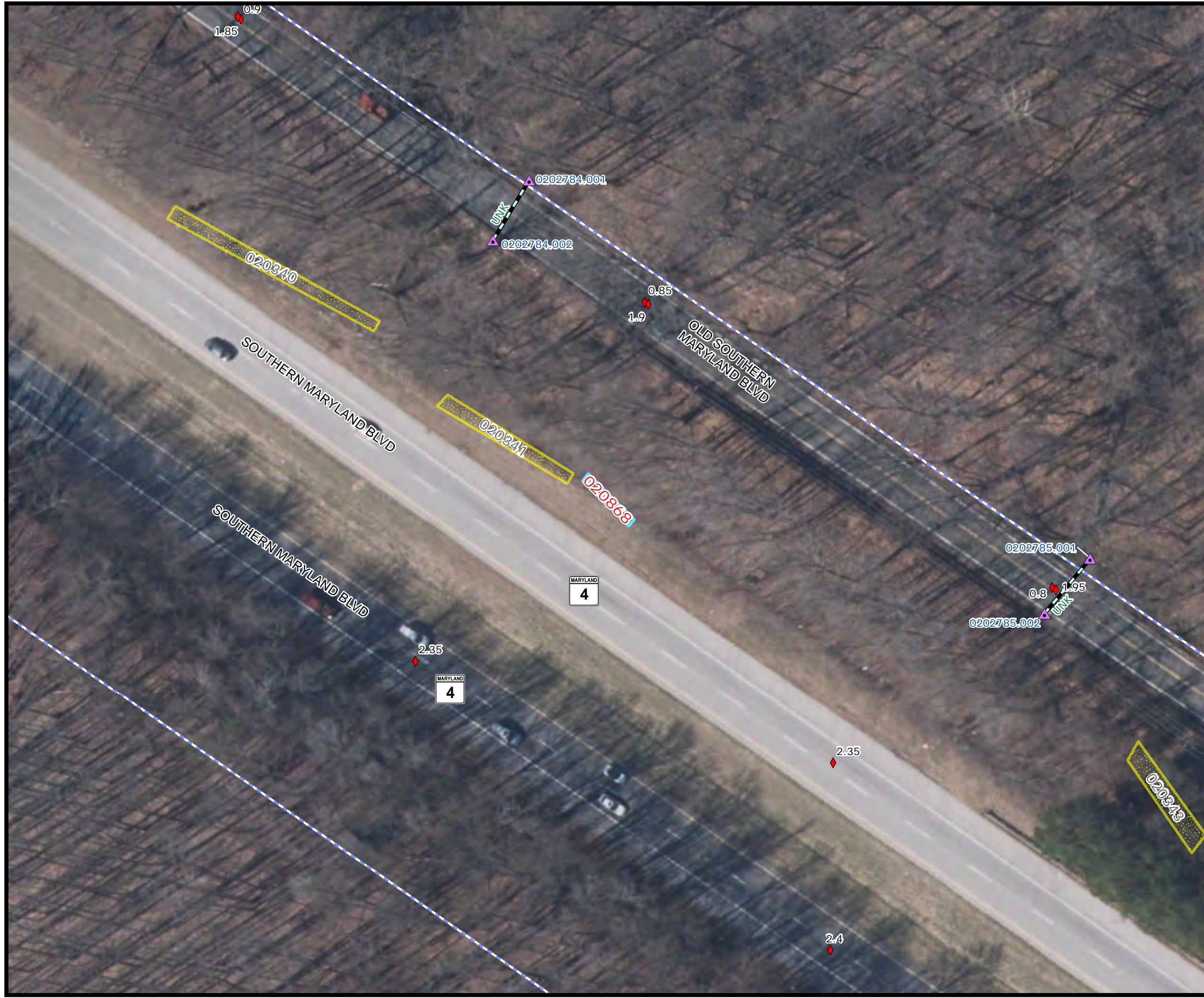
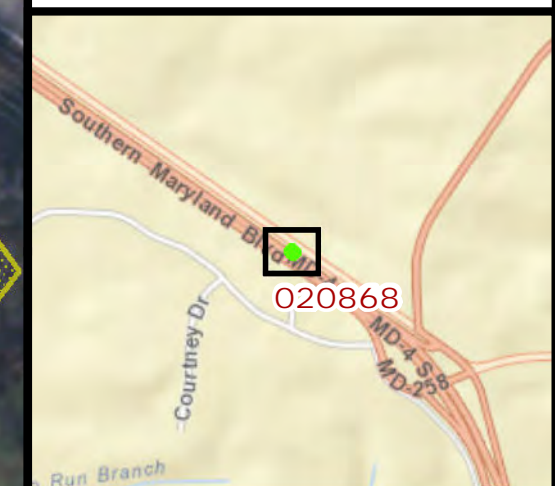
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020869

Infiltration trench



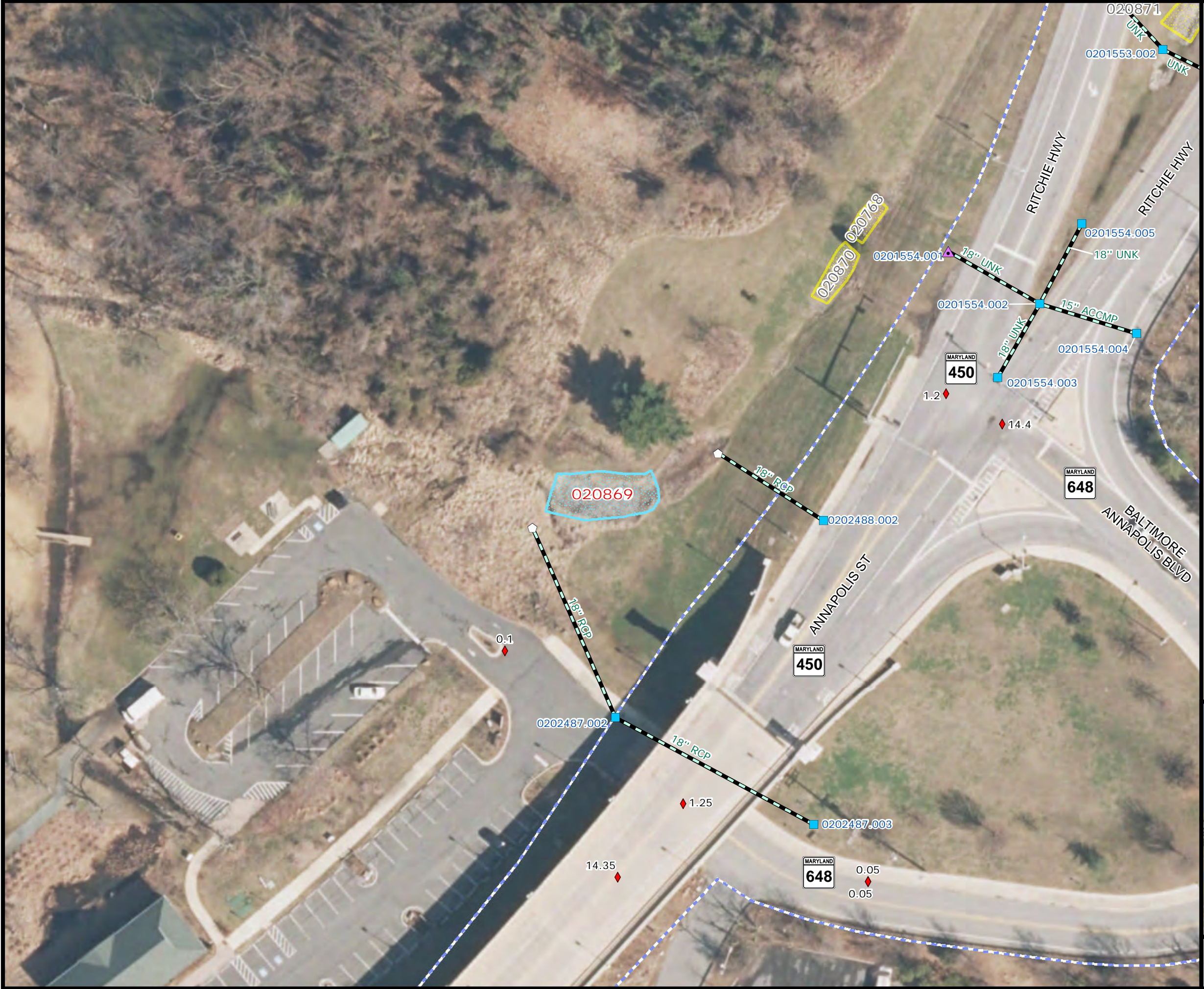
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020870

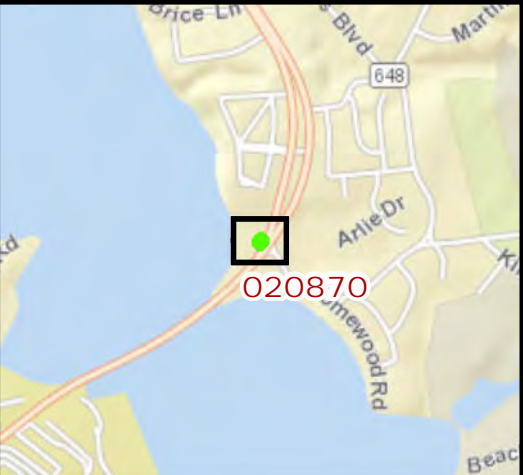
Infiltration trench



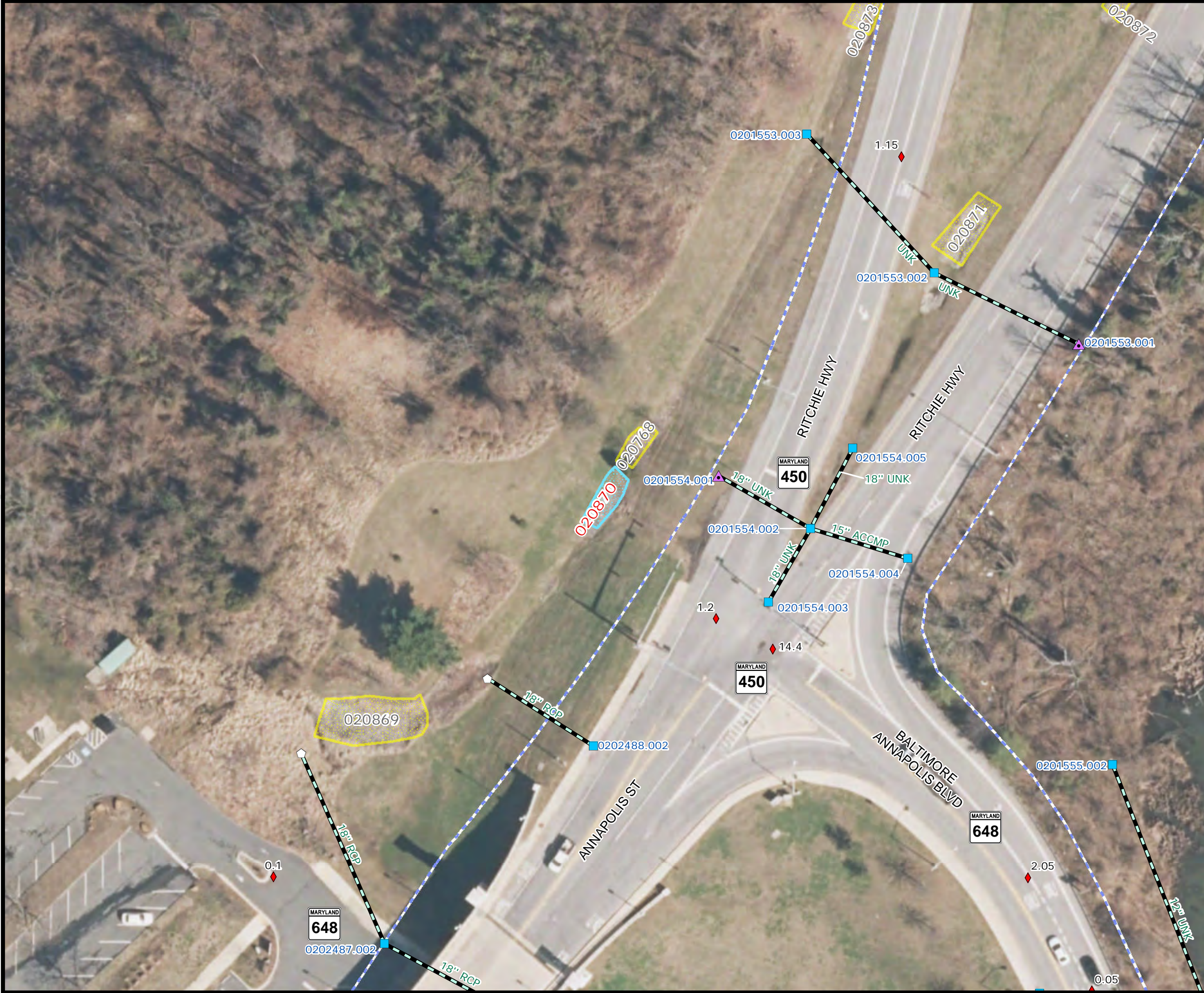
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

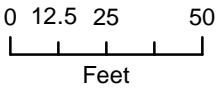


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020871

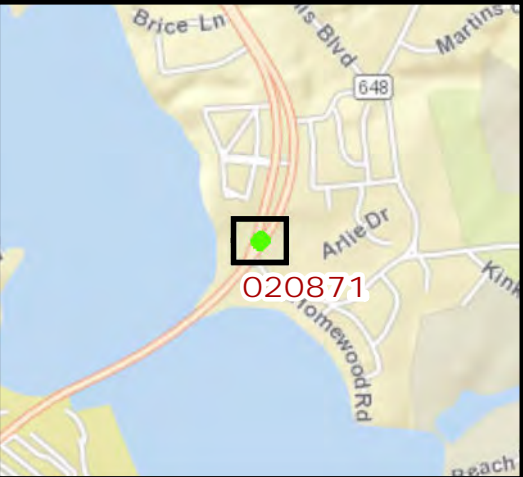
Infiltration trench



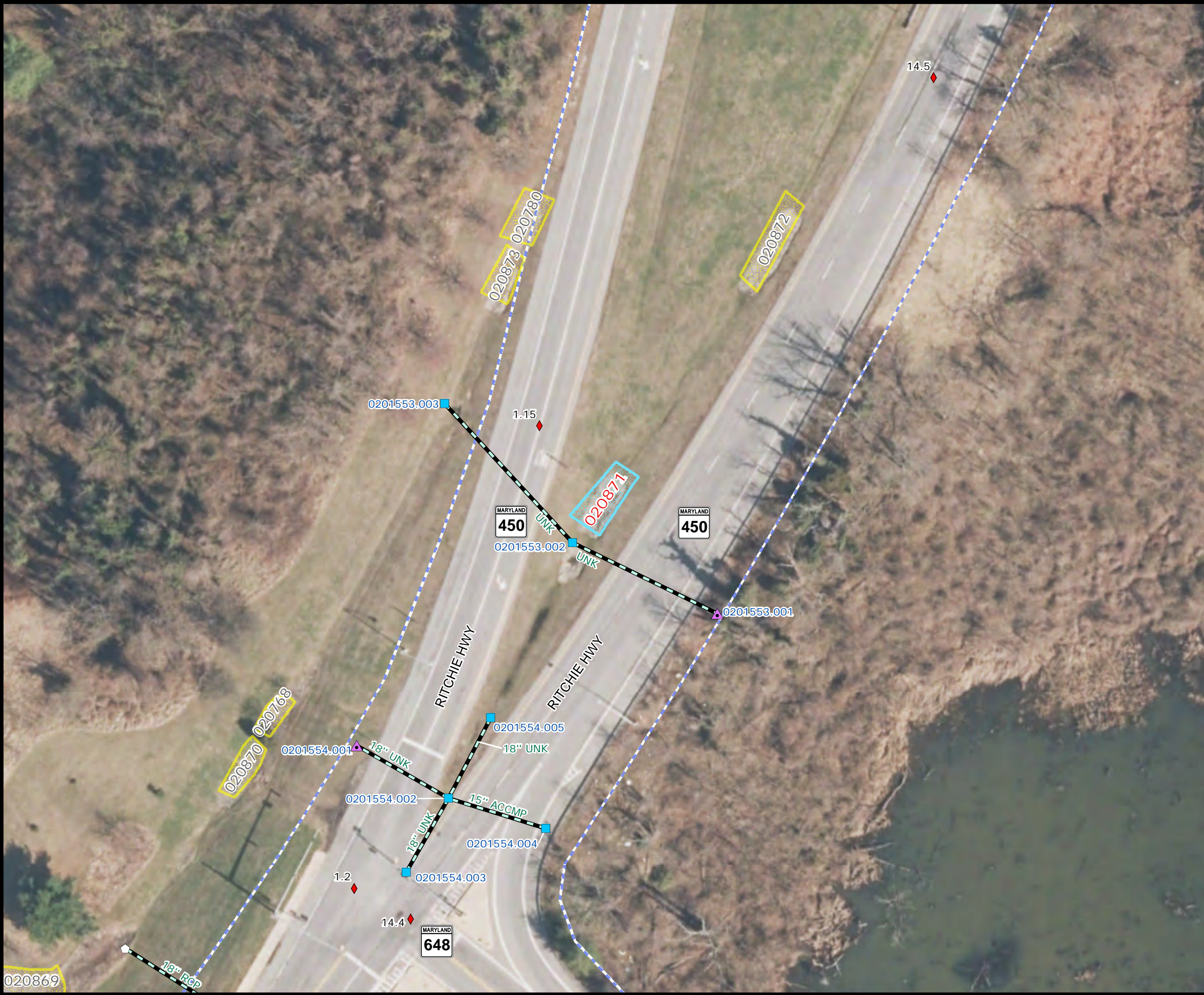
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

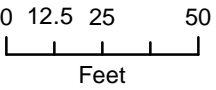


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020872

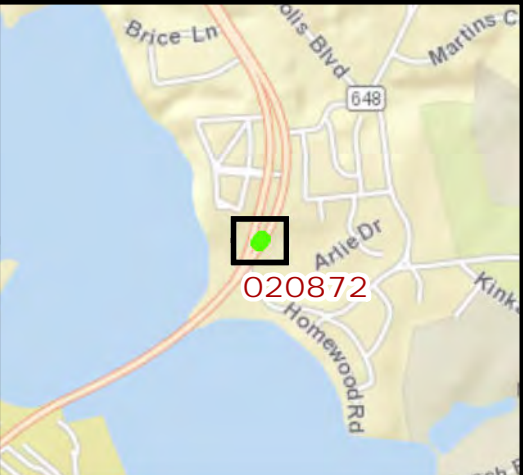
Infiltration trench



1 inch = 50 feet



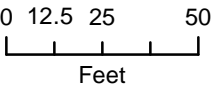
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility
020873

Infiltration trench



1 inch = 50 feet



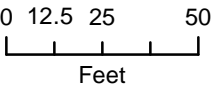
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020874

Infiltration trench

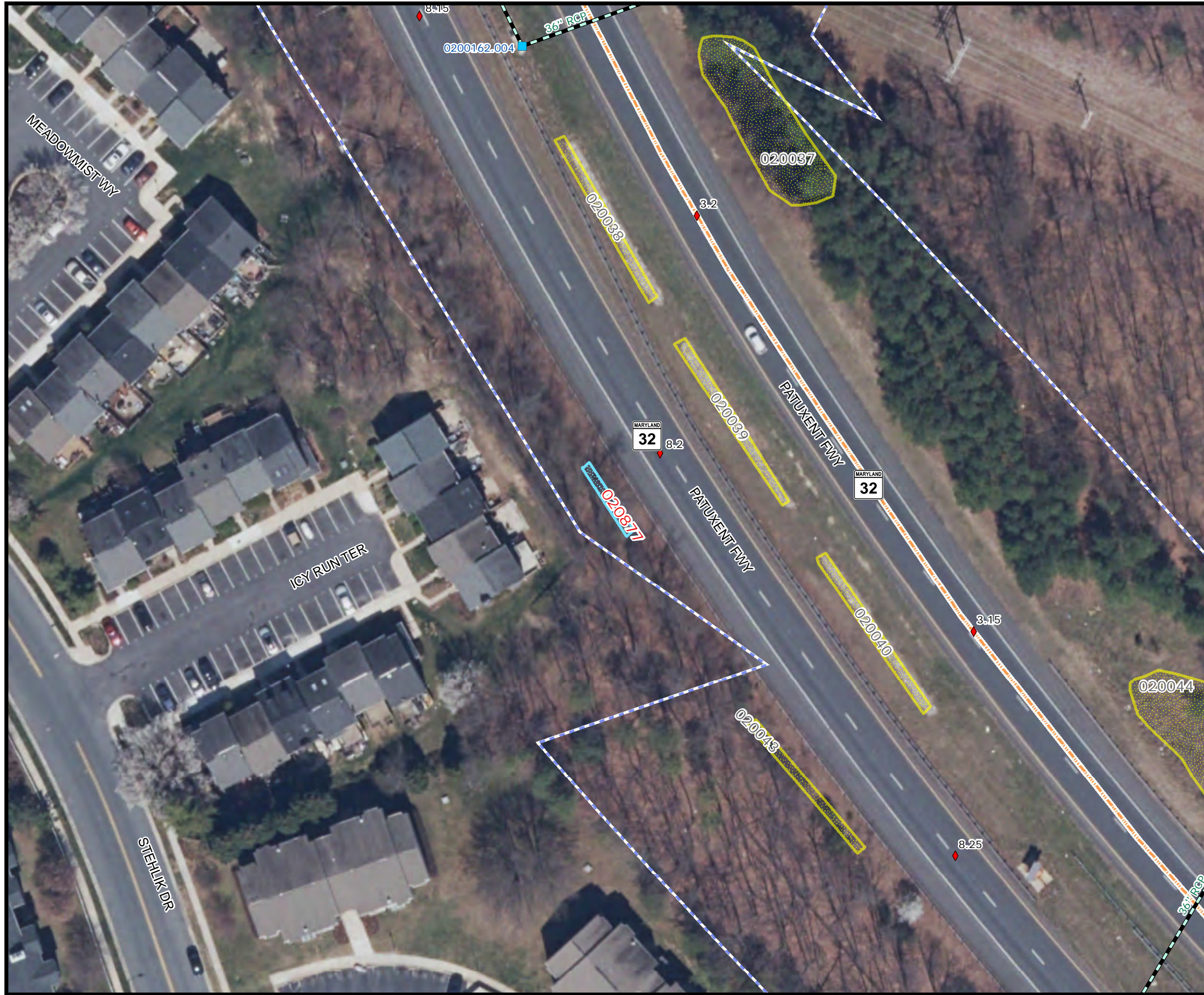


1 inch = 50 feet



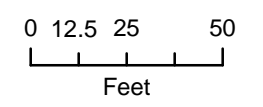
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020877

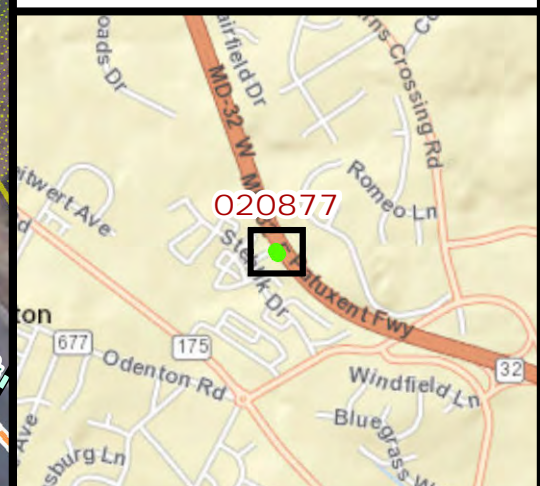
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared June, 2015

SHA SWM Facility
020879

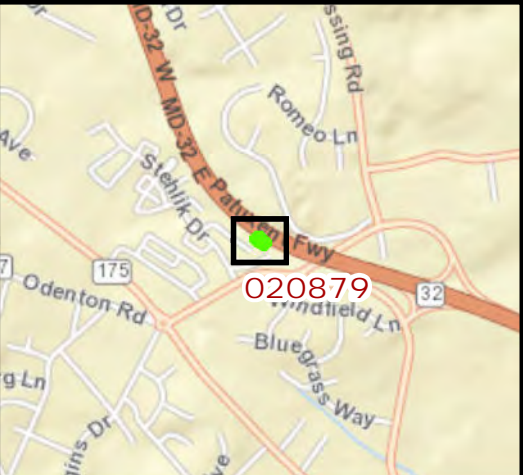
Infiltration trench



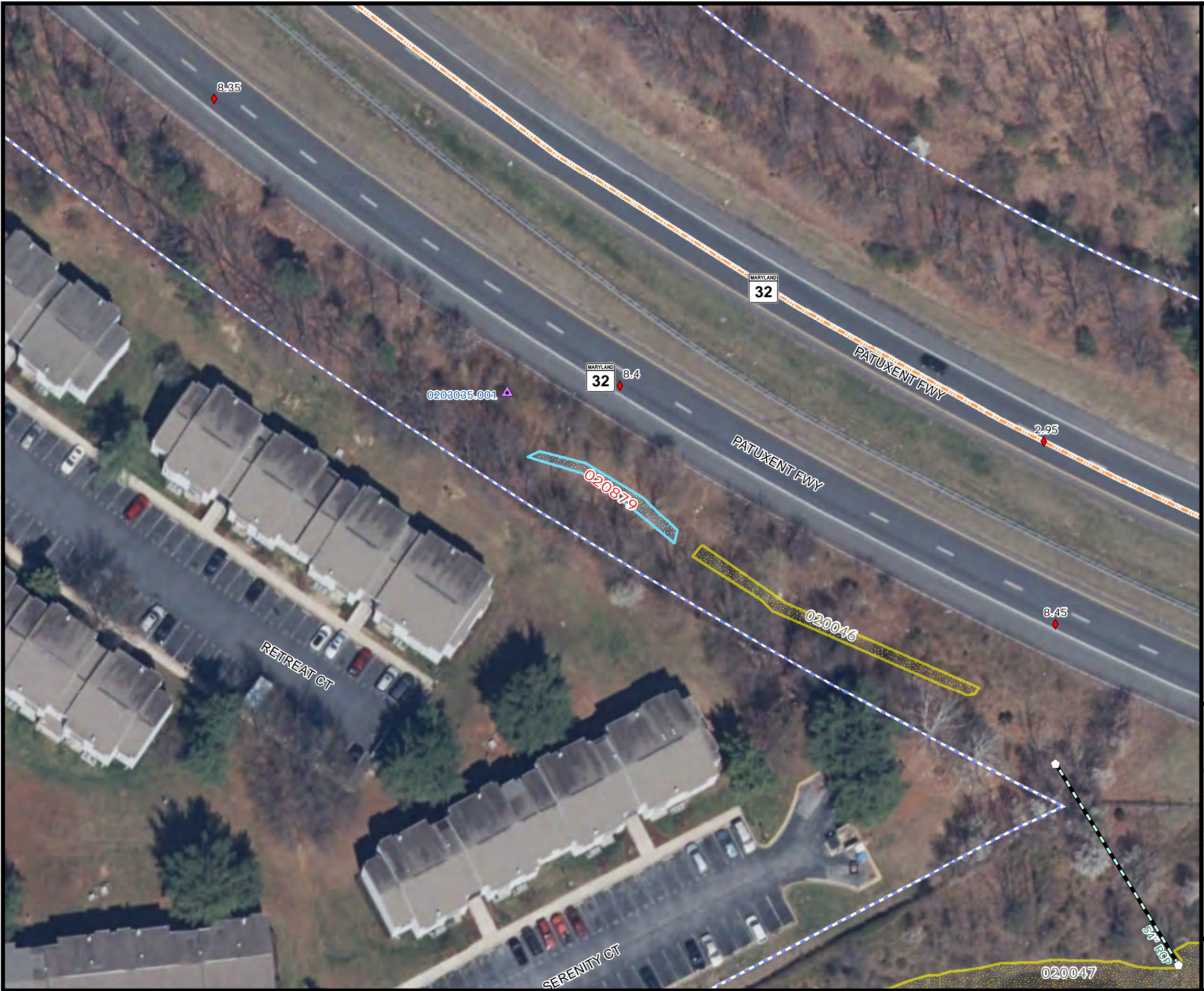
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020880

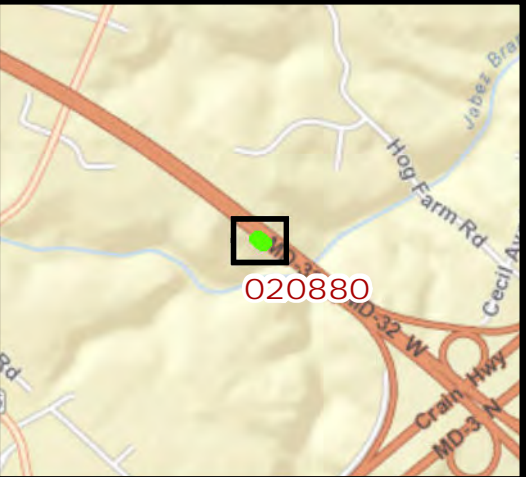
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020881

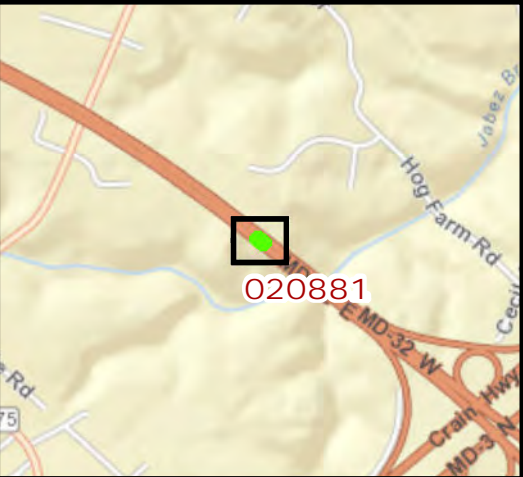
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

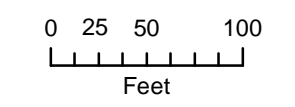


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility 020883

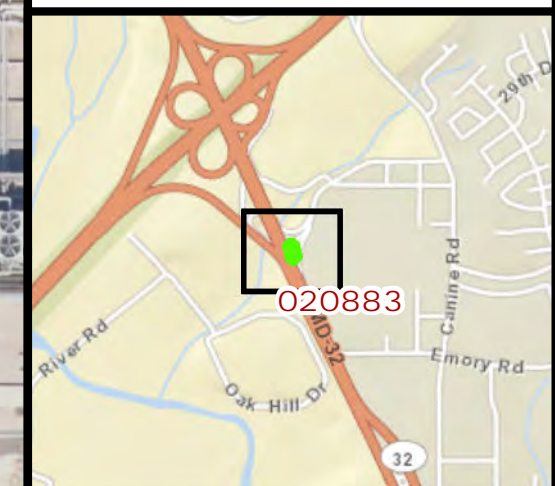
Infiltration trench



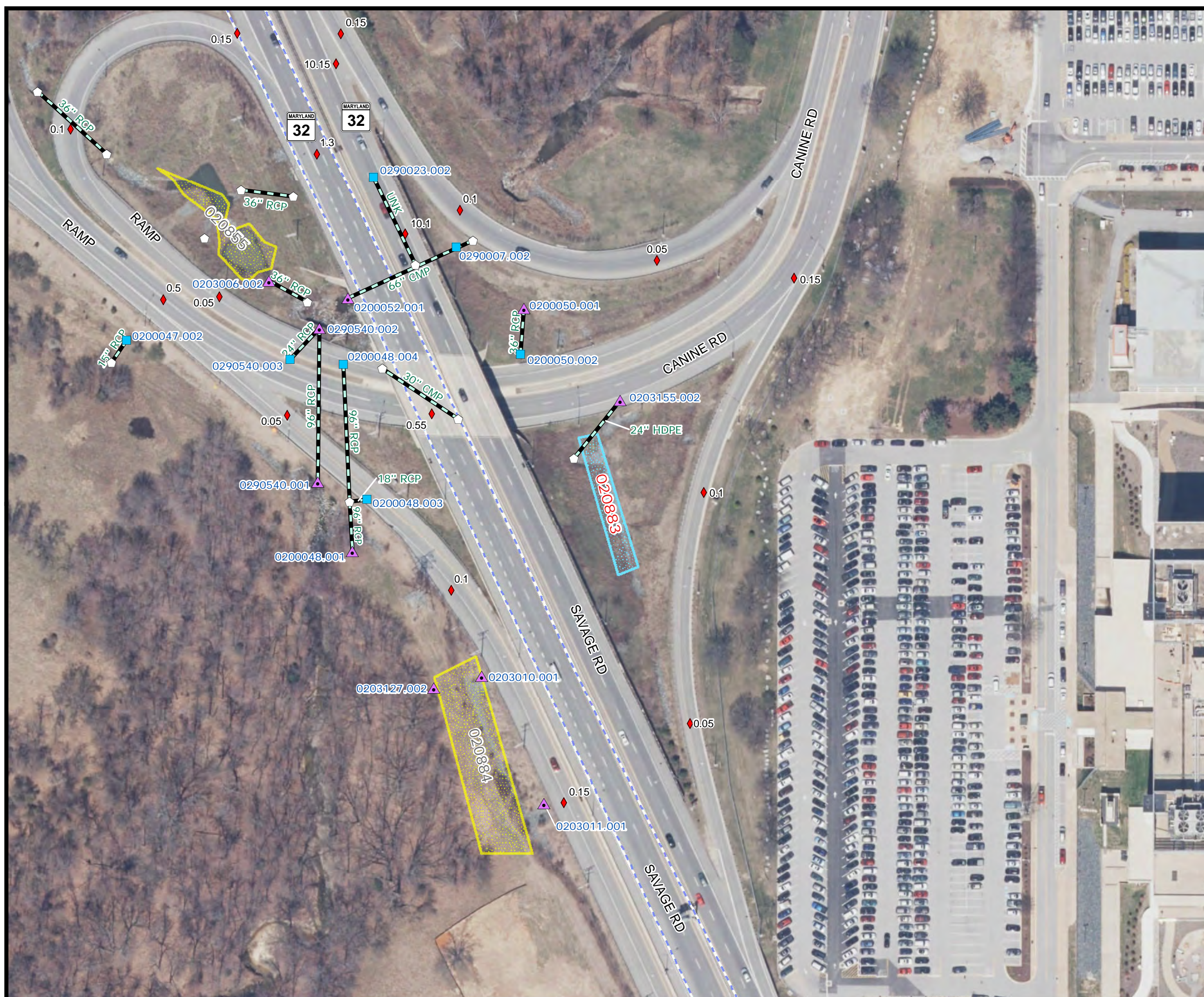
1 inch = 100 feet

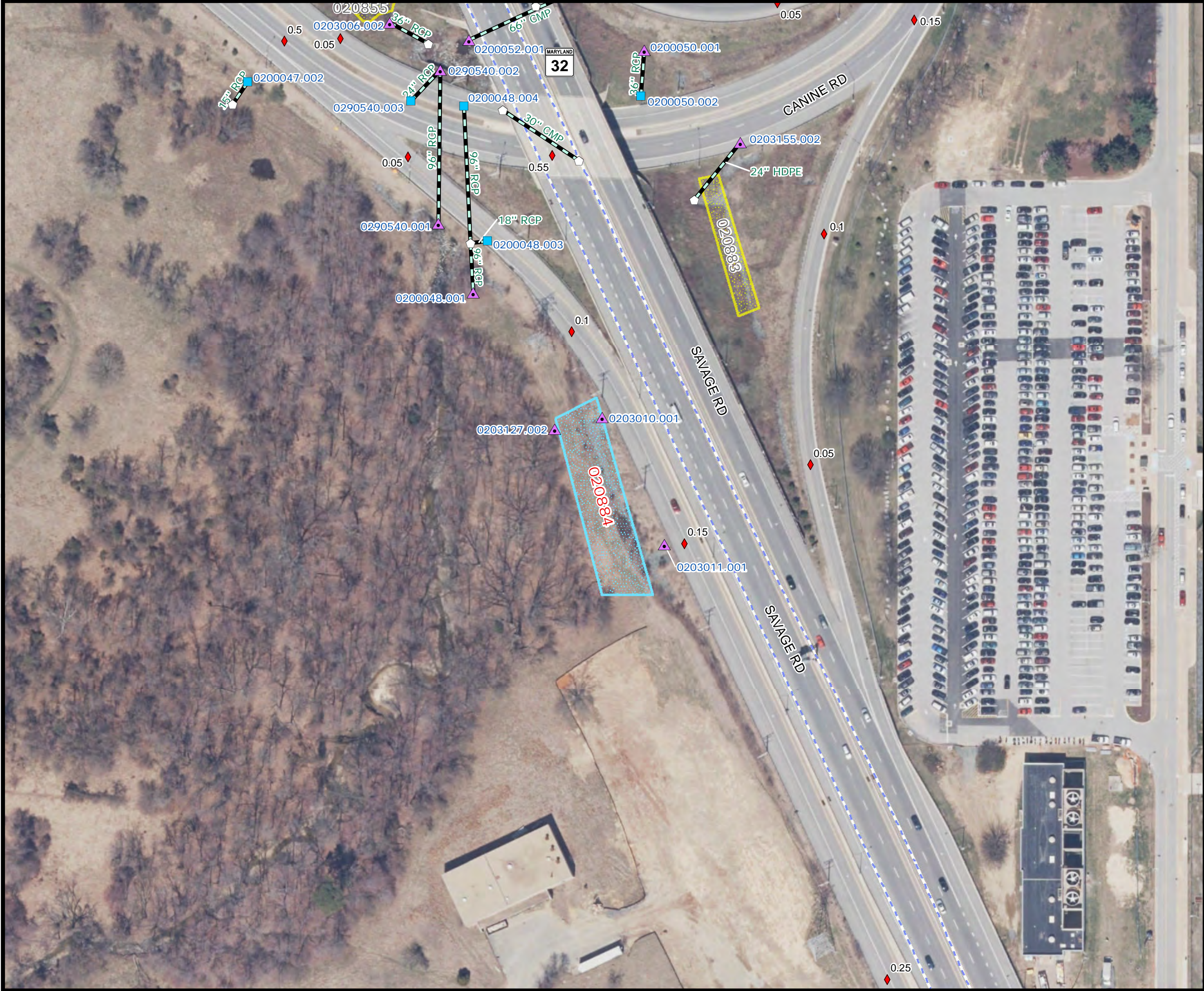


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



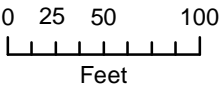
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility
020884

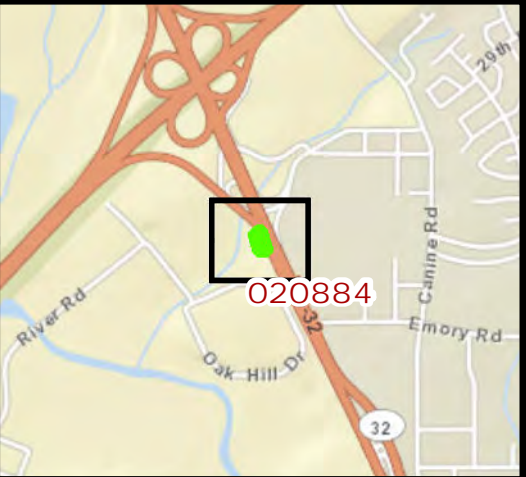
Infiltration trench



1 inch = 100 feet



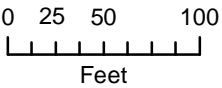
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020886

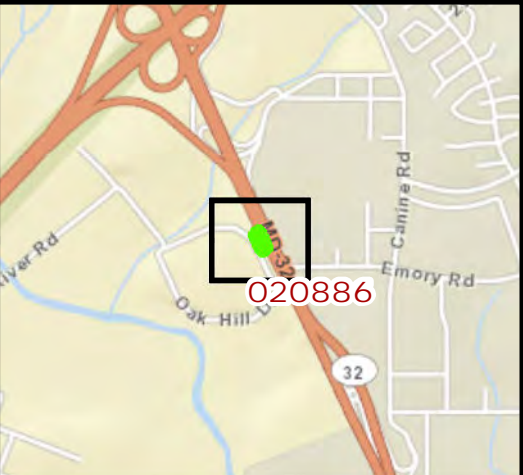
Infiltration trench



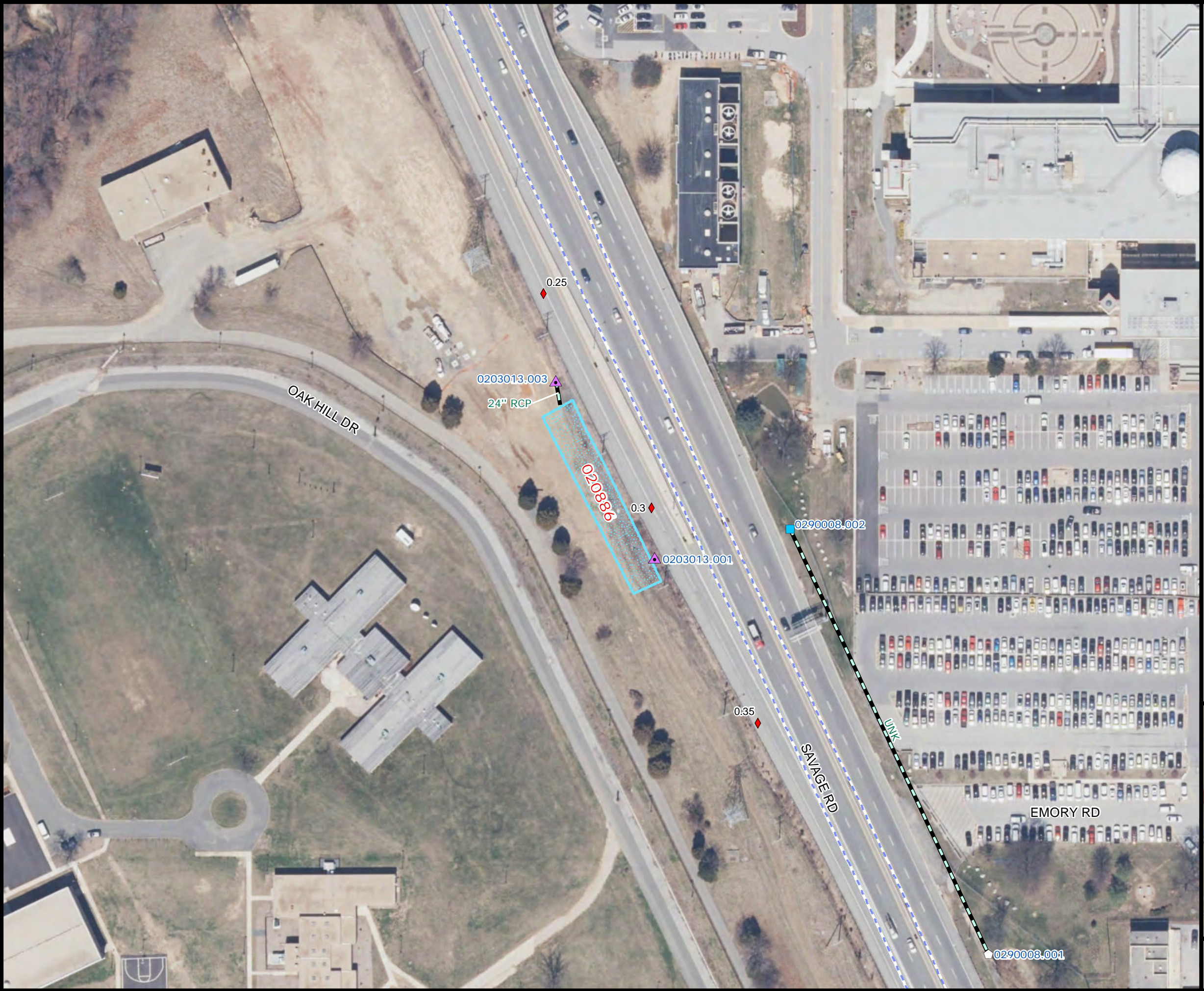
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

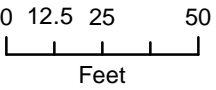


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020887

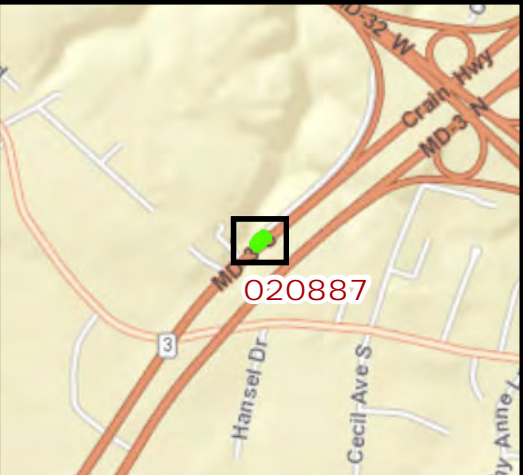
Infiltration trench



1 inch = 50 feet

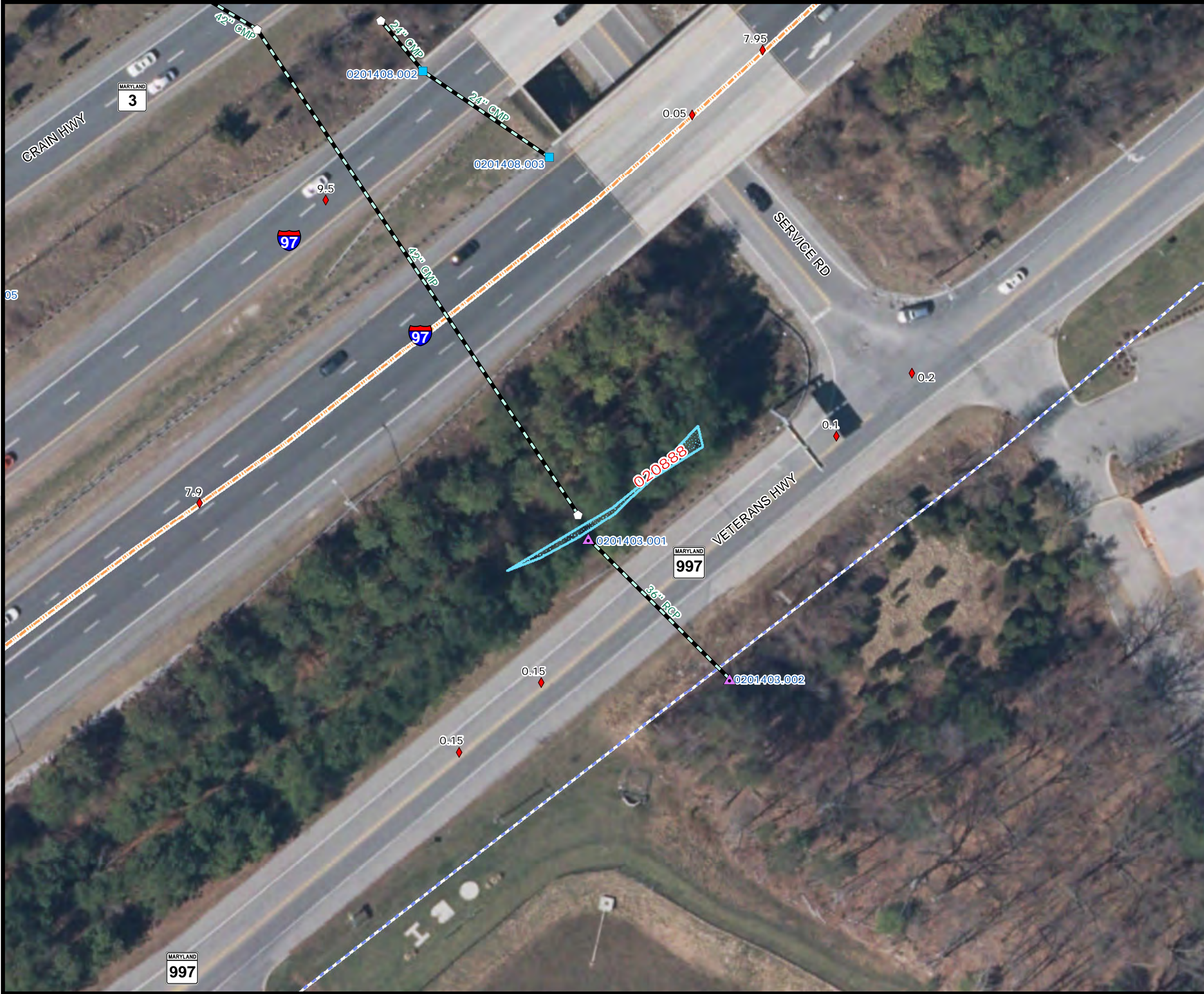


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





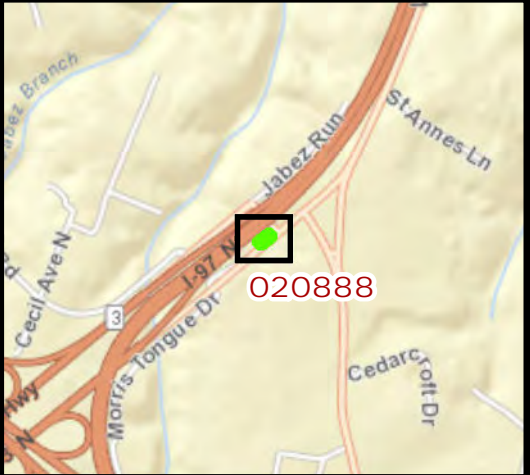
SHA SWM Facility
020888
Infiltration basin



1 inch = 50 feet



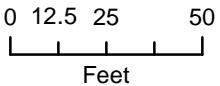
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020889

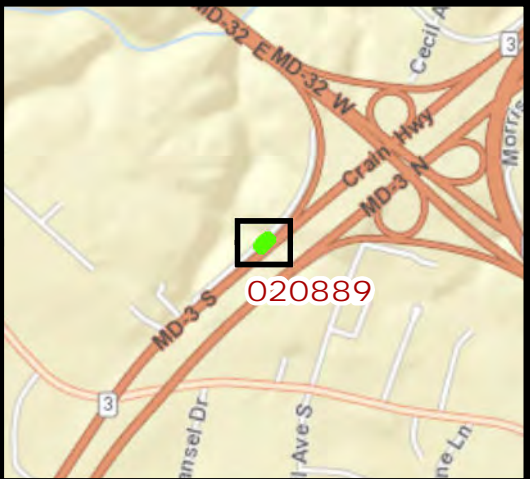
Infiltration trench



1 inch = 50 feet



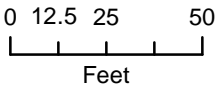
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020890

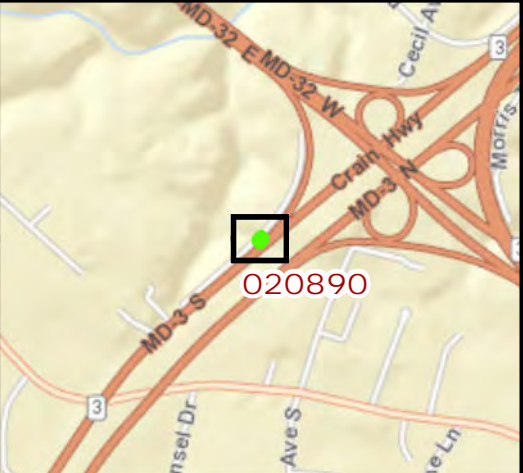
Infiltration trench



1 inch = 50 feet



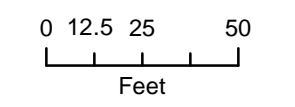
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary





SHA SWM Facility 020892

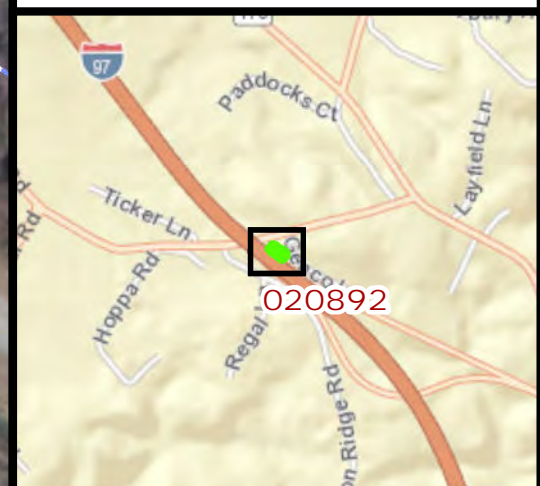
Infiltration trench



1 inch = 50 feet



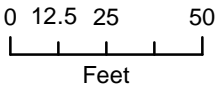
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015

SHA SWM Facility
020893

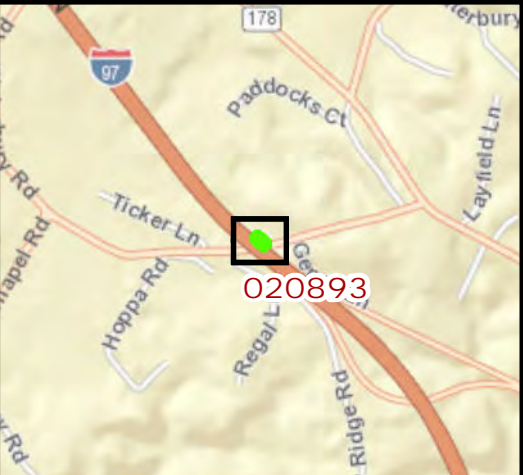
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020895

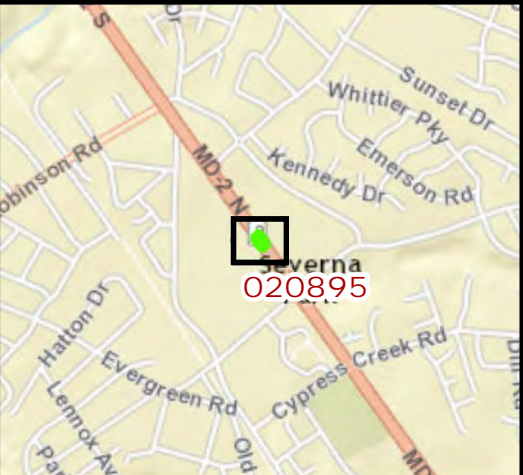
Infiltration trench



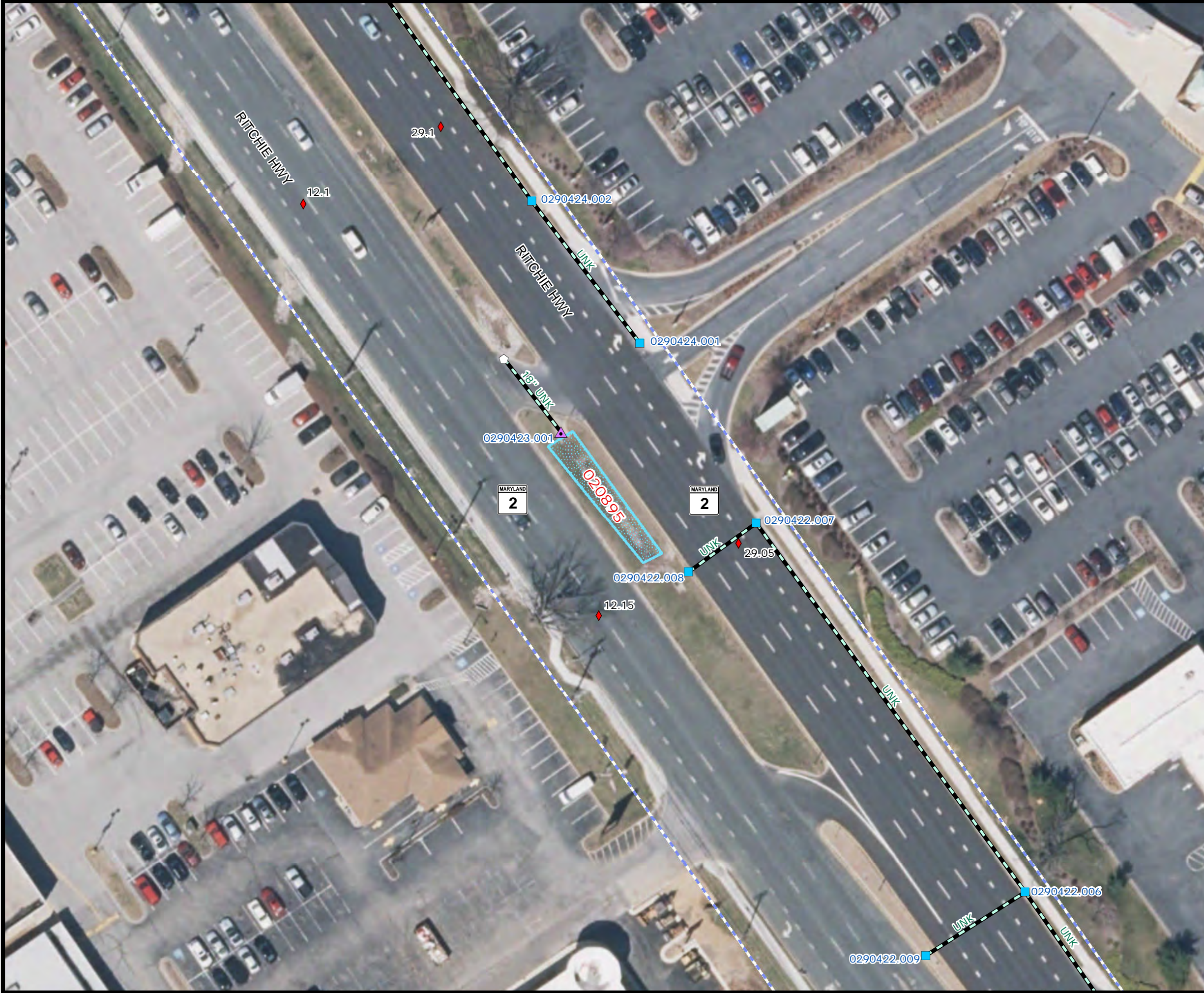
1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

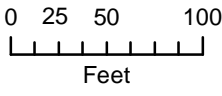


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



SHA SWM Facility
020897

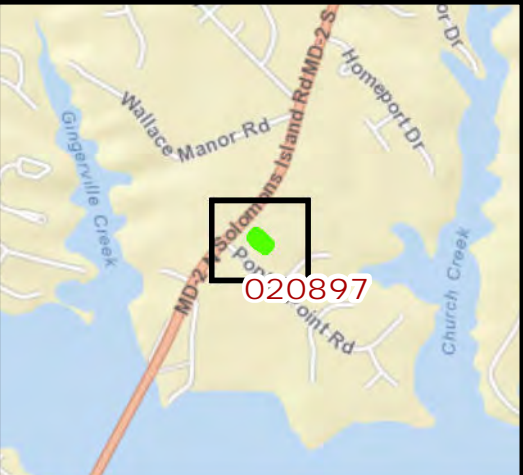
Infiltration trench



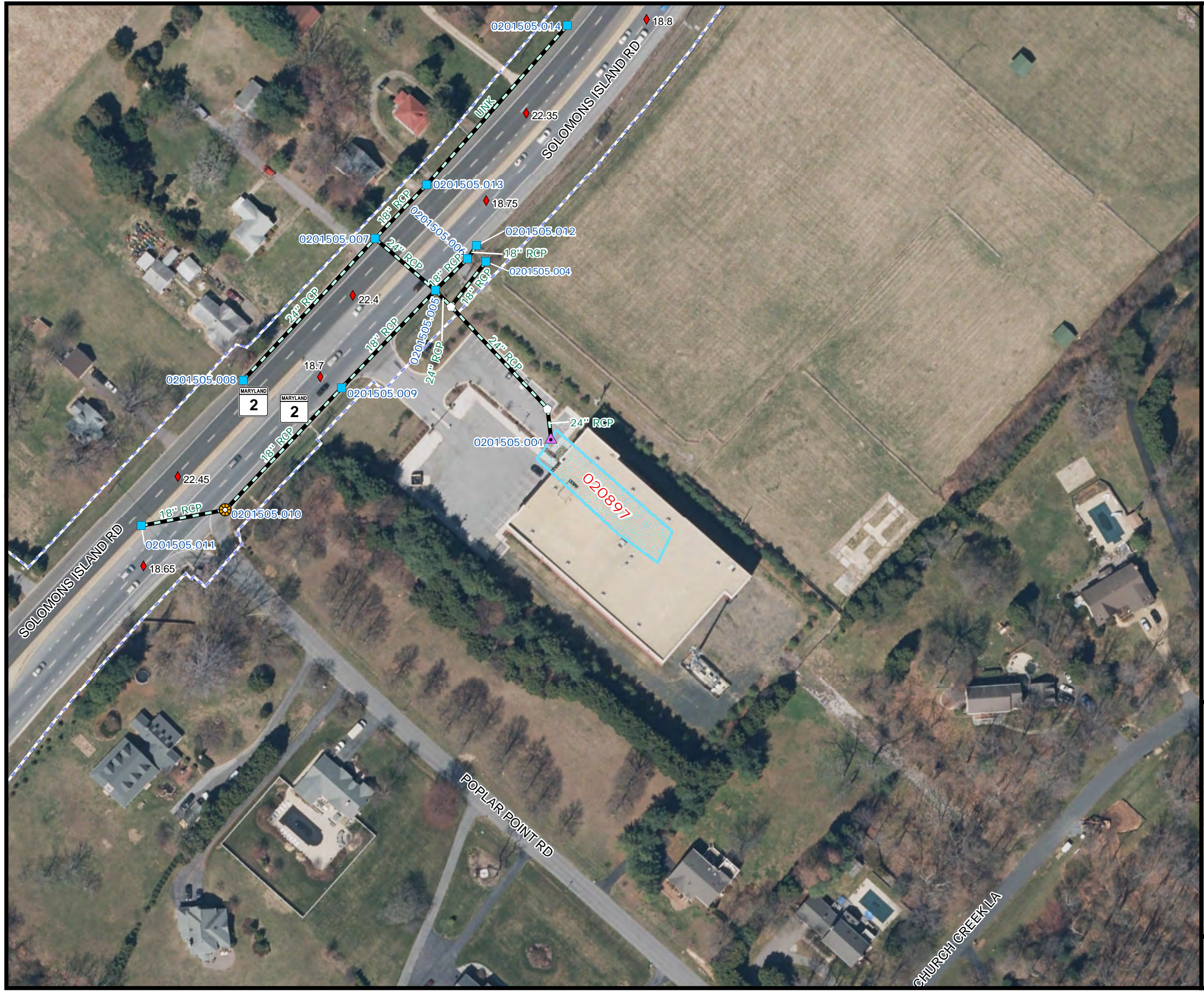
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



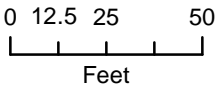
MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





SHA SWM Facility 020898

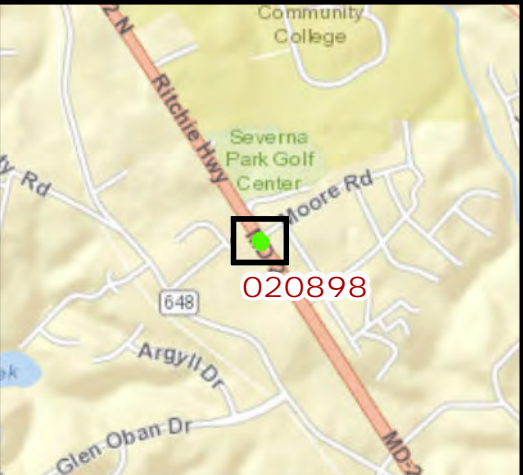
Infiltration trench



1 inch = 50 feet



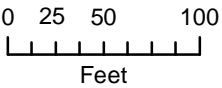
- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015



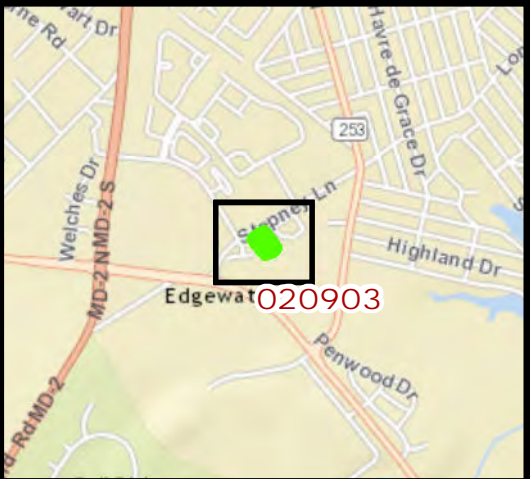
SHA SWM Facility
020903
Wet pond



1 inch = 100 feet

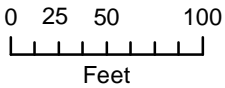


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
020904

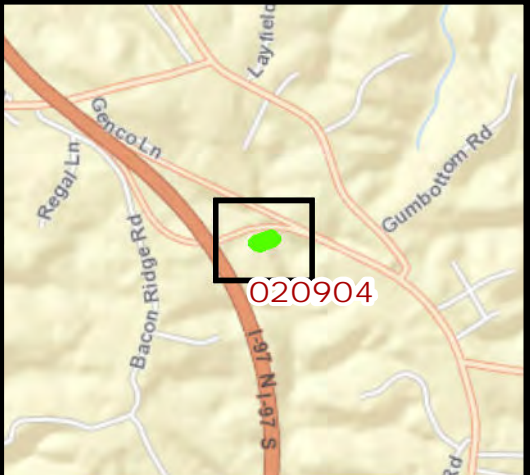
Infiltration trench



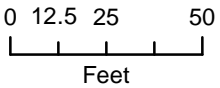
1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



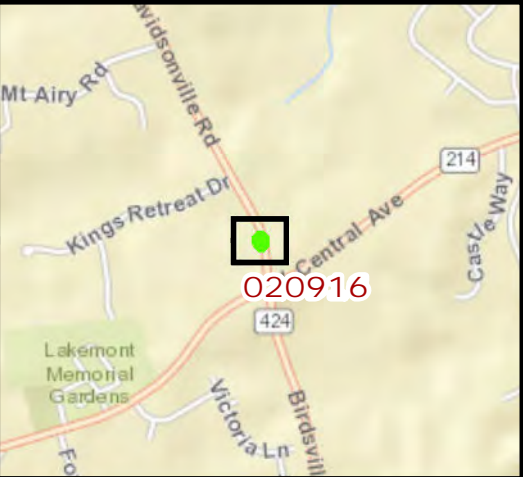
SHA SWM Facility
020916
Bioretention



1 inch = 50 feet

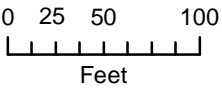


- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
021012

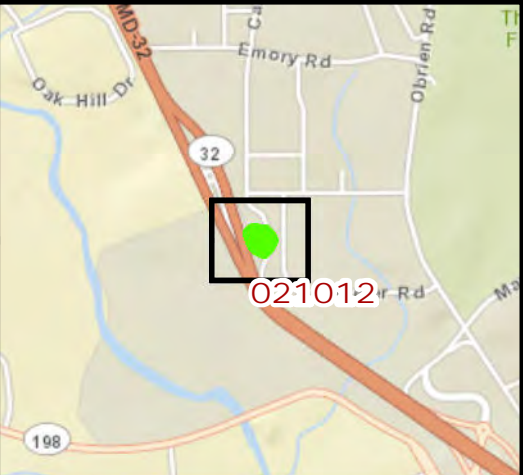
Micropool extended
detention pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary

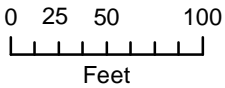


MD iMap 6 Inch Imagery from 2014
Maps Prepared May, 2015





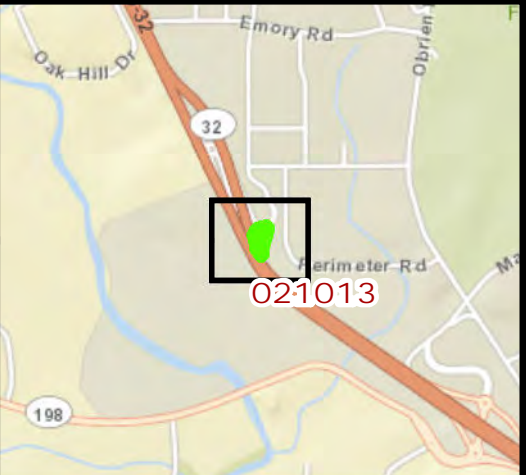
SHA SWM Facility
021013
Wet pond



1 inch = 100 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



SHA SWM Facility
021019

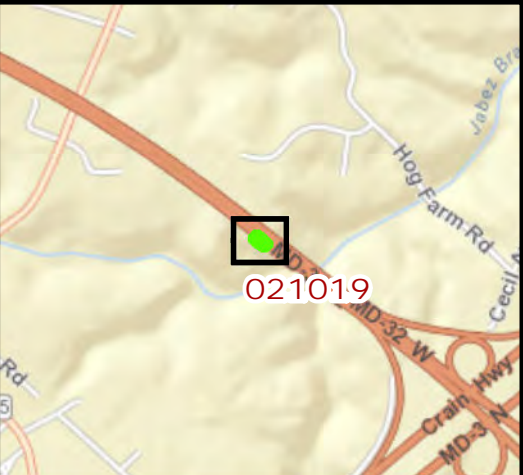
Infiltration trench



1 inch = 50 feet



- Manhole
- Inlet
- End/Headwall
- Other Structure
- Pipe
- Milepoint
- Facility Footprint
- Nearby Facilities
- Approx SHA Right-of-Way
- Shop Boundary



APPENDIX C

Index of Stormwater Management Facilities

Index of Stormwater Management Facilities - Annapolis Shop
(Sorted By HHD Facility No.)

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020002	Infiltration basin	Infiltration Facility	A1
020003	Infiltration basin	Infiltration Facility	A1
020004	Wet pond	Wet Pond	B1
020005	Infiltration basin	Infiltration Facility	B1
020006	Wet pond	Wet Pond	B1
020009	Infiltration basin	Infiltration Facility	B1
020011	Infiltration basin	Infiltration Facility	B2
020012	Wet pond	Wet Pond	B2
020013	Wet pond	Wet Pond	B2
020015	Infiltration basin	Infiltration Facility	B2
020019	Micropool extended detention pond	Wet Pond	B2
020020	Wet extended detention pond	Wet Pond	B2
020022	Pocket pond	Wet Pond	B2
020023	Infiltration basin	Infiltration Facility	B2
020027	Pocket wetland	Wet Pond	B2
020029	Pocket pond	Wet Pond	B2
020030	Dry pond	Dry Pond	B2
020031	Micropool extended detention pond	Wet Pond	B2
020032	Infiltration trench	Infiltration Facility	B2
020035	Dry pond	Dry Pond	B2
020036	Infiltration trench	Infiltration Facility	B2
020038	Infiltration trench	Infiltration Facility	B2
020039	Infiltration trench	Infiltration Facility	B2
020040	Infiltration trench	Infiltration Facility	B2
020043	Infiltration trench	Infiltration Facility	B2
020046	Infiltration trench	Infiltration Facility	B2
020047	Wet pond	Wet Pond	B2
020049	Micropool extended detention pond	Wet Pond	B2
020050	Infiltration trench	Infiltration Facility	B2
020053	Infiltration trench	Infiltration Facility	B2
020054	Infiltration trench	Infiltration Facility	B2
020055	Infiltration trench	Infiltration Facility	B2
020056	Dry pond	Dry Pond	B2
020057	Dry pond	Dry Pond	B2
020061	Infiltration basin	Infiltration Facility	B2
020066	Infiltration trench	Infiltration Facility	B2
020067	Infiltration trench	Infiltration Facility	B2
020068	Infiltration trench	Infiltration Facility	B3

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020069	Infiltration trench	Infiltration Facility	B3
020070	Infiltration trench	Infiltration Facility	B3
020071	Infiltration trench	Infiltration Facility	B3
020072	Infiltration trench	Infiltration Facility	B3
020073	Infiltration trench	Infiltration Facility	B3
020074	Infiltration trench	Infiltration Facility	B3
020075	Infiltration trench	Infiltration Facility	B3
020076	Infiltration trench	Infiltration Facility	B3
020077	Infiltration trench	Infiltration Facility	B3
020081	Infiltration trench	Infiltration Facility	B3
020082	Infiltration trench	Infiltration Facility	B2
020083	Infiltration trench	Infiltration Facility	B2
020085	Infiltration trench	Infiltration Facility	B2
020086	Infiltration trench	Infiltration Facility	B2
020090	Dry pond	Dry Pond	B3
020162	Wet pond	Wet Pond	D3
020163	Dry pond	Dry Pond	C3
020164	Wet pond	Wet Pond	C3
020165	Wet pond	Wet Pond	C3
020167	Dry pond	Dry Pond	D2
020168	Dry pond	Dry Pond	D2
020169	Shallow marsh	Wet Pond	C3
020170	Dry pond	Dry Pond	C3
020171	Dry pond	Dry Pond	C3
020172	Infiltration trench	Infiltration Facility	C3
020173	Infiltration trench	Infiltration Facility	C3
020174	Infiltration trench	Infiltration Facility	C3
020175	Infiltration trench	Infiltration Facility	C3
020176	Infiltration trench	Infiltration Facility	C3
020177	Infiltration trench	Infiltration Facility	C3
020178	Infiltration trench	Infiltration Facility	C3
020179	Infiltration trench	Infiltration Facility	C3
020182	Infiltration trench	Infiltration Facility	C3
020184	Infiltration trench	Infiltration Facility	C3
020185	Infiltration trench	Infiltration Facility	C3
020186	Infiltration trench	Infiltration Facility	C3
020187	Infiltration trench	Infiltration Facility	C3
020213	Infiltration trench	Infiltration Facility	B3

Index of Stormwater Management Facilities - Annapolis Shop
(Sorted By HHD Facility No.)

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020214	Infiltration trench	Infiltration Facility	B3
020221	Dry pond	Dry Pond	C3
020252	Dry pond	Dry Pond	D3
020253	Dry pond	Dry Pond	C5
020254	Micropool extended detention pond	Wet Pond	C5
020256	Wet pond	Wet Pond	C4
020257	Micropool extended detention pond	Wet Pond	C5
020258	Infiltration basin	Infiltration Facility	C4
020259	Wet pond	Wet Pond	D3
020260	Infiltration basin	Infiltration Facility	D3
020262	Wet pond	Wet Pond	D3
020263	Infiltration basin	Infiltration Facility	D3
020264	Infiltration basin	Infiltration Facility	D3
020265	Infiltration basin	Infiltration Facility	D3
020266	Dry pond	Dry Pond	D3
020268	Infiltration basin	Infiltration Facility	D3
020269	Dry pond	Dry Pond	D3
020270	Dry pond	Dry Pond	D2
020271	Dry pond	Dry Pond	D2
020272	Dry pond	Dry Pond	D2
020273	Dry pond	Dry Pond	D2
020274	Infiltration basin	Infiltration Facility	D2
020275	Wet pond	Wet Pond	D2
020276	Wet pond	Wet Pond	D2
020277	Wet pond	Wet Pond	D2
020279	Infiltration trench	Infiltration Facility	C4
020280	Infiltration trench	Infiltration Facility	C4
020281	Infiltration trench	Infiltration Facility	C4
020282	Infiltration trench	Infiltration Facility	C4
020287	Dry pond	Dry Pond	C5
020297	Wet pond	Wet Pond	D3
020298	Wet pond	Wet Pond	E3
020299	Infiltration basin	Infiltration Facility	G1
020300	Infiltration trench	Infiltration Facility	G1
020301	Infiltration basin	Infiltration Facility	G1
020304	Infiltration trench	Infiltration Facility	G1
020305	Infiltration trench	Infiltration Facility	G1
020306	Infiltration trench	Infiltration Facility	G1

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020307	Infiltration trench	Infiltration Facility	G1
020308	Infiltration trench	Infiltration Facility	G1
020309	Infiltration trench	Infiltration Facility	G1
020310	Infiltration trench	Infiltration Facility	G1
020311	Infiltration basin	Infiltration Facility	G1
020312	Infiltration trench	Infiltration Facility	G1
020313	Infiltration trench	Infiltration Facility	G1
020314	Infiltration trench	Infiltration Facility	G1
020315	Infiltration trench	Infiltration Facility	G1
020316	Infiltration trench	Infiltration Facility	G1
020317	Infiltration trench	Infiltration Facility	G1
020318	Infiltration trench	Infiltration Facility	G1
020319	Infiltration trench	Infiltration Facility	G1
020320	Infiltration basin	Infiltration Facility	G1
020321	Infiltration trench	Infiltration Facility	G1
020322	Infiltration trench	Infiltration Facility	G1
020323	Infiltration trench	Infiltration Facility	G1
020324	Infiltration trench	Infiltration Facility	G1
020325	Infiltration trench	Infiltration Facility	G1
020326	Infiltration trench	Infiltration Facility	G1
020327	Infiltration trench	Infiltration Facility	G1
020328	Infiltration trench	Infiltration Facility	G1
020329	Infiltration trench	Infiltration Facility	G1
020330	Infiltration trench	Infiltration Facility	G1
020331	Infiltration trench	Infiltration Facility	G1
020332	Infiltration trench	Infiltration Facility	G1
020333	Infiltration trench	Infiltration Facility	G1
020334	Infiltration trench	Infiltration Facility	G1
020335	Infiltration trench	Infiltration Facility	G1
020336	Infiltration basin	Infiltration Facility	G1
020337	Dry pond	Dry Pond	G1
020338	Infiltration basin	Infiltration Facility	G1
020339	Infiltration basin	Infiltration Facility	G1
020340	Infiltration trench	Infiltration Facility	G1
020341	Infiltration trench	Infiltration Facility	G1
020343	Infiltration trench	Infiltration Facility	G1
020349	Infiltration trench	Infiltration Facility	G1
020350	Infiltration trench	Infiltration Facility	G1

Index of Stormwater Management Facilities - Annapolis Shop
(Sorted By HHD Facility No.)

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020354	Infiltration trench	Infiltration Facility	G1
020355	Infiltration trench	Infiltration Facility	G1
020357	Infiltration trench	Infiltration Facility	G1
020358	Infiltration trench	Infiltration Facility	G1
020360	Infiltration trench	Infiltration Facility	G1
020388	Infiltration basin	Infiltration Facility	D3
020389	Dry pond	Dry Pond	D3
020391	Wet pond	Wet Pond	D3
020392	Infiltration trench	Infiltration Facility	D3
020393	Infiltration basin	Infiltration Facility	D3
020394	Infiltration basin	Infiltration Facility	D3
020396	Infiltration basin	Infiltration Facility	D2
020397	Infiltration trench	Infiltration Facility	D2
020398	Infiltration trench	Infiltration Facility	D2
020399	Infiltration basin	Infiltration Facility	D2
020400	Infiltration basin	Infiltration Facility	D2
020401	Infiltration trench	Infiltration Facility	D2
020402	Infiltration trench	Infiltration Facility	D2
020403	Infiltration trench	Infiltration Facility	D2
020404	Dry pond	Dry Pond	D2
020406	Wet pond	Wet Pond	C3
020407	Wet pond	Wet Pond	C3
020416	Dry pond	Dry Pond	C3
020417	Dry pond	Dry Pond	C3
020419	Infiltration trench	Infiltration Facility	B3
020420	Infiltration trench	Infiltration Facility	B3
020421	Infiltration trench	Infiltration Facility	B3
020422	Infiltration basin	Infiltration Facility	C2
020423	Infiltration trench	Infiltration Facility	C2
020424	Infiltration trench	Infiltration Facility	C2
020425	Infiltration trench	Infiltration Facility	C2
020426	Infiltration trench	Infiltration Facility	C2
020427	Infiltration trench	Infiltration Facility	C2
020428	Infiltration trench	Infiltration Facility	D1
020429	Infiltration trench	Infiltration Facility	D1
020437	Infiltration basin	Infiltration Facility	G1
020438	Dry pond	Dry Pond	B3
020439	Infiltration trench	Infiltration Facility	G1

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020440	Infiltration trench	Infiltration Facility	G1
020454	Infiltration trench	Infiltration Facility	B4
020457	Infiltration trench	Infiltration Facility	B4
020458	Infiltration trench	Infiltration Facility	B4
020459	Infiltration trench	Infiltration Facility	B4
020460	Infiltration trench	Infiltration Facility	B4
020461	Infiltration trench	Infiltration Facility	B4
020462	Infiltration trench	Infiltration Facility	C4
020463	Infiltration trench	Infiltration Facility	C4
020464	Infiltration trench	Infiltration Facility	C4
020465	Infiltration trench	Infiltration Facility	C4
020466	Infiltration trench	Infiltration Facility	C4
020468	Dry pond	Dry Pond	F2
020473	Surface sand filter	Filtration Facility	C4
020479	Micropool extended detention pond	Wet Pond	C5
020480	Wet pond	Wet Pond	C5
020481	Micropool extended detention pond	Wet Pond	C5
020482	Shallow marsh	Wet Pond	C5
020483	Wet pond	Wet Pond	D1
020484	Infiltration trench	Infiltration Facility	D1
020485	Infiltration basin	Infiltration Facility	D1
020486	Wet pond	Wet Pond	D1
020487	Wet pond	Wet Pond	D1
020488	Wet pond	Wet Pond	D2
020490	Infiltration trench	Infiltration Facility	D2
020491	Other infiltration	<i>No Routine Maintenance</i>	D2
020492	Infiltration trench	Infiltration Facility	D2
020493	Infiltration trench	Infiltration Facility	D2
020495	Infiltration trench	Infiltration Facility	D2
020496	Infiltration trench	Infiltration Facility	D2
020499	Infiltration trench	Infiltration Facility	D2
020500	Infiltration trench	Infiltration Facility	D2
020502	Infiltration trench	Infiltration Facility	D2
020505	Infiltration trench	Infiltration Facility	D2
020506	Wet pond	Wet Pond	D2
020511	Infiltration trench	Infiltration Facility	D2
020514	Infiltration basin	Infiltration Facility	D3
020516	Infiltration trench	Infiltration Facility	D3

Index of Stormwater Management Facilities - Annapolis Shop
(Sorted By HHD Facility No.)

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020517	Infiltration trench	Infiltration Facility	D2
020518	Infiltration trench	Infiltration Facility	D2
020520	Infiltration trench	Infiltration Facility	D3
020521	Wet pond	Wet Pond	D3
020522	Wet pond	Wet Pond	D3
020525	Dry pond	Dry Pond	D3
020526	Infiltration trench	Infiltration Facility	D3
020527	Infiltration trench	Infiltration Facility	D3
020528	Infiltration trench	Infiltration Facility	D3
020529	Infiltration basin	Infiltration Facility	D3
020530	Wet pond	Wet Pond	D3
020562	Infiltration trench	Infiltration Facility	B2
020563	Infiltration trench	Infiltration Facility	B2
020567	Infiltration basin	Infiltration Facility	B1
020570	Infiltration trench	Infiltration Facility	G1
020584	Wet extended detention pond	Wet Pond	D3
020605	Bioretention	Filtration Facility	D3
020606	Infiltration basin	Infiltration Facility	D3
020607	Bioretention	Filtration Facility	D3
020608	Bioretention	Filtration Facility	D3
020609	Bioretention	Filtration Facility	D3
020610	Other infiltration	No Routine Maintenance	E3
020613	Other infiltration	No Routine Maintenance	E3
020623	Bioretention	Filtration Facility	H2
020624	Bioretention	Filtration Facility	H2
020756	Infiltration basin	Infiltration Facility	D2
020757	Infiltration basin	Infiltration Facility	D1
020759	Infiltration basin	Infiltration Facility	D1
020760	Infiltration basin	Infiltration Facility	D1
020761	Infiltration basin	Infiltration Facility	D1
020763	Wet pond	Wet Pond	D2
020764	Infiltration trench	Infiltration Facility	C4
020766	Infiltration trench	Infiltration Facility	D3
020767	Infiltration trench	Infiltration Facility	D3
020768	Infiltration trench	Infiltration Facility	D3
020769	Infiltration trench	Infiltration Facility	D3
020770	Infiltration trench	Infiltration Facility	D3
020771	Infiltration trench	Infiltration Facility	D3

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020774	Infiltration trench	Infiltration Facility	D3
020775	Infiltration trench	Infiltration Facility	D3
020779	Infiltration trench	Infiltration Facility	D2
020780	Infiltration trench	Infiltration Facility	D3
020781	Infiltration trench	Infiltration Facility	D3
020782	Infiltration trench	Infiltration Facility	D2
020783	Infiltration trench	Infiltration Facility	D2
020784	Infiltration trench	Infiltration Facility	D2
020785	Infiltration trench	Infiltration Facility	D2
020786	Infiltration trench	Infiltration Facility	D2
020787	Infiltration trench	Infiltration Facility	D2
020788	Infiltration trench	Infiltration Facility	D2
020789	Infiltration trench	Infiltration Facility	D2
020790	Infiltration trench	Infiltration Facility	D3
020791	Infiltration trench	Infiltration Facility	D3
020823	Other infiltration	No Routine Maintenance	D3
020827	Wet pond	Wet Pond	B3
020828	Infiltration basin	Infiltration Facility	B3
020842	Dry pond	Dry Pond	C3
020853	Infiltration trench	Infiltration Facility	E3
020855	Pond/wetland system	Wet Pond	B1
020856	Infiltration trench	Infiltration Facility	G1
020857	Wet pond	Wet Pond	H2
020858	Infiltration trench	Infiltration Facility	G1
020859	Infiltration trench	Infiltration Facility	G1
020861	Infiltration trench	Infiltration Facility	G1
020863	Infiltration trench	Infiltration Facility	G1
020864	Infiltration trench	Infiltration Facility	G1
020865	Infiltration trench	Infiltration Facility	G1
020866	Infiltration trench	Infiltration Facility	G1
020867	Infiltration trench	Infiltration Facility	G1
020868	Infiltration trench	Infiltration Facility	G1
020869	Infiltration trench	Infiltration Facility	D3
020870	Infiltration trench	Infiltration Facility	D3
020871	Infiltration trench	Infiltration Facility	D3
020872	Infiltration trench	Infiltration Facility	D3
020873	Infiltration trench	Infiltration Facility	D3
020874	Infiltration trench	Infiltration Facility	D3

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(Sorted By HHD Facility No.)

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020877	Infiltration trench	Infiltration Facility	B2
020879	Infiltration trench	Infiltration Facility	B2
020880	Infiltration trench	Infiltration Facility	B3
020881	Infiltration trench	Infiltration Facility	B3
020883	Infiltration trench	Infiltration Facility	B1
020884	Infiltration trench	Infiltration Facility	B1
020886	Infiltration trench	Infiltration Facility	B1
020887	Infiltration trench	Infiltration Facility	B3
020888	Infiltration basin	Infiltration Facility	B3
020889	Infiltration trench	Infiltration Facility	B3
020890	Infiltration trench	Infiltration Facility	B3
020892	Infiltration trench	Infiltration Facility	C3
020893	Infiltration trench	Infiltration Facility	C3
020895	Infiltration trench	Infiltration Facility	B4
020897	Infiltration trench	Infiltration Facility	D3
020898	Infiltration trench	Infiltration Facility	C4
020903	Wet pond	Wet Pond	E3
020904	Infiltration trench	Infiltration Facility	C3
020916	Bioretention	Filtration Facility	E2
021012	Micropool extended detention pond	Wet Pond	B1
021013	Wet pond	Wet Pond	B1
021019	Infiltration trench	Infiltration Facility	B3

Index of Stormwater Management Facilities - Annapolis Shop

(Sorted By Tile Map)

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020002	Infiltration basin	Infiltration Facility	A1
020003	Infiltration basin	Infiltration Facility	A1
020004	Wet pond	Wet Pond	B1
020005	Infiltration basin	Infiltration Facility	B1
020006	Wet pond	Wet Pond	B1
020009	Infiltration basin	Infiltration Facility	B1
020567	Infiltration basin	Infiltration Facility	B1
020855	Pond/wetland system	Wet Pond	B1
020883	Infiltration trench	Infiltration Facility	B1
020884	Infiltration trench	Infiltration Facility	B1
020886	Infiltration trench	Infiltration Facility	B1
021012	Micropool extended detention pond	Wet Pond	B1
021013	Wet pond	Wet Pond	B1
020011	Infiltration basin	Infiltration Facility	B2
020012	Wet pond	Wet Pond	B2
020013	Wet pond	Wet Pond	B2
020015	Infiltration basin	Infiltration Facility	B2
020019	Micropool extended detention pond	Wet Pond	B2
020020	Wet extended detention pond	Wet Pond	B2
020022	Pocket pond	Wet Pond	B2
020023	Infiltration basin	Infiltration Facility	B2
020027	Pocket wetland	Wet Pond	B2
020029	Pocket pond	Wet Pond	B2
020030	Dry pond	Dry Pond	B2
020031	Micropool extended detention pond	Wet Pond	B2
020032	Infiltration trench	Infiltration Facility	B2
020035	Dry pond	Dry Pond	B2
020036	Infiltration trench	Infiltration Facility	B2
020038	Infiltration trench	Infiltration Facility	B2
020039	Infiltration trench	Infiltration Facility	B2
020040	Infiltration trench	Infiltration Facility	B2
020043	Infiltration trench	Infiltration Facility	B2
020046	Infiltration trench	Infiltration Facility	B2
020047	Wet pond	Wet Pond	B2
020049	Micropool extended detention pond	Wet Pond	B2
020050	Infiltration trench	Infiltration Facility	B2
020053	Infiltration trench	Infiltration Facility	B2
020054	Infiltration trench	Infiltration Facility	B2

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020055	Infiltration trench	Infiltration Facility	B2
020056	Dry pond	Dry Pond	B2
020057	Dry pond	Dry Pond	B2
020061	Infiltration basin	Infiltration Facility	B2
020066	Infiltration trench	Infiltration Facility	B2
020067	Infiltration trench	Infiltration Facility	B2
020082	Infiltration trench	Infiltration Facility	B2
020083	Infiltration trench	Infiltration Facility	B2
020085	Infiltration trench	Infiltration Facility	B2
020086	Infiltration trench	Infiltration Facility	B2
020562	Infiltration trench	Infiltration Facility	B2
020563	Infiltration trench	Infiltration Facility	B2
020877	Infiltration trench	Infiltration Facility	B2
020879	Infiltration trench	Infiltration Facility	B2
020068	Infiltration trench	Infiltration Facility	B3
020069	Infiltration trench	Infiltration Facility	B3
020070	Infiltration trench	Infiltration Facility	B3
020071	Infiltration trench	Infiltration Facility	B3
020072	Infiltration trench	Infiltration Facility	B3
020073	Infiltration trench	Infiltration Facility	B3
020074	Infiltration trench	Infiltration Facility	B3
020075	Infiltration trench	Infiltration Facility	B3
020076	Infiltration trench	Infiltration Facility	B3
020077	Infiltration trench	Infiltration Facility	B3
020081	Infiltration trench	Infiltration Facility	B3
020090	Dry pond	Dry Pond	B3
020213	Infiltration trench	Infiltration Facility	B3
020214	Infiltration trench	Infiltration Facility	B3
020419	Infiltration trench	Infiltration Facility	B3
020420	Infiltration trench	Infiltration Facility	B3
020421	Infiltration trench	Infiltration Facility	B3
020438	Dry pond	Dry Pond	B3
020827	Wet pond	Wet Pond	B3
020828	Infiltration basin	Infiltration Facility	B3
020880	Infiltration trench	Infiltration Facility	B3
020881	Infiltration trench	Infiltration Facility	B3
020887	Infiltration trench	Infiltration Facility	B3
020888	Infiltration basin	Infiltration Facility	B3

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(Sorted By Tile Map)

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020889	Infiltration trench	Infiltration Facility	B3
020890	Infiltration trench	Infiltration Facility	B3
021019	Infiltration trench	Infiltration Facility	B3
020454	Infiltration trench	Infiltration Facility	B4
020457	Infiltration trench	Infiltration Facility	B4
020458	Infiltration trench	Infiltration Facility	B4
020459	Infiltration trench	Infiltration Facility	B4
020460	Infiltration trench	Infiltration Facility	B4
020461	Infiltration trench	Infiltration Facility	B4
020895	Infiltration trench	Infiltration Facility	B4
020422	Infiltration basin	Infiltration Facility	C2
020423	Infiltration trench	Infiltration Facility	C2
020424	Infiltration trench	Infiltration Facility	C2
020425	Infiltration trench	Infiltration Facility	C2
020426	Infiltration trench	Infiltration Facility	C2
020427	Infiltration trench	Infiltration Facility	C2
020163	Dry pond	Dry Pond	C3
020164	Wet pond	Wet Pond	C3
020165	Wet pond	Wet Pond	C3
020169	Shallow marsh	Wet Pond	C3
020170	Dry pond	Dry Pond	C3
020171	Dry pond	Dry Pond	C3
020172	Infiltration trench	Infiltration Facility	C3
020173	Infiltration trench	Infiltration Facility	C3
020174	Infiltration trench	Infiltration Facility	C3
020175	Infiltration trench	Infiltration Facility	C3
020176	Infiltration trench	Infiltration Facility	C3
020177	Infiltration trench	Infiltration Facility	C3
020178	Infiltration trench	Infiltration Facility	C3
020179	Infiltration trench	Infiltration Facility	C3
020182	Infiltration trench	Infiltration Facility	C3
020184	Infiltration trench	Infiltration Facility	C3
020185	Infiltration trench	Infiltration Facility	C3
020186	Infiltration trench	Infiltration Facility	C3
020187	Infiltration trench	Infiltration Facility	C3
020221	Dry pond	Dry Pond	C3
020406	Wet pond	Wet Pond	C3
020407	Wet pond	Wet Pond	C3

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020416	Dry pond	Dry Pond	C3
020417	Dry pond	Dry Pond	C3
020842	Dry pond	Dry Pond	C3
020892	Infiltration trench	Infiltration Facility	C3
020893	Infiltration trench	Infiltration Facility	C3
020904	Infiltration trench	Infiltration Facility	C3
020256	Wet pond	Wet Pond	C4
020258	Infiltration basin	Infiltration Facility	C4
020279	Infiltration trench	Infiltration Facility	C4
020280	Infiltration trench	Infiltration Facility	C4
020281	Infiltration trench	Infiltration Facility	C4
020282	Infiltration trench	Infiltration Facility	C4
020462	Infiltration trench	Infiltration Facility	C4
020463	Infiltration trench	Infiltration Facility	C4
020464	Infiltration trench	Infiltration Facility	C4
020465	Infiltration trench	Infiltration Facility	C4
020466	Infiltration trench	Infiltration Facility	C4
020473	Surface sand filter	Filtration Facility	C4
020764	Infiltration trench	Infiltration Facility	C4
020898	Infiltration trench	Infiltration Facility	C4
020253	Dry pond	Dry Pond	C5
020254	Micropool extended detention pond	Wet Pond	C5
020257	Micropool extended detention pond	Wet Pond	C5
020287	Dry pond	Dry Pond	C5
020479	Micropool extended detention pond	Wet Pond	C5
020480	Wet pond	Wet Pond	C5
020481	Micropool extended detention pond	Wet Pond	C5
020482	Shallow marsh	Wet Pond	C5
020428	Infiltration trench	Infiltration Facility	D1
020429	Infiltration trench	Infiltration Facility	D1
020483	Wet pond	Wet Pond	D1
020484	Infiltration trench	Infiltration Facility	D1
020485	Infiltration basin	Infiltration Facility	D1
020486	Wet pond	Wet Pond	D1
020487	Wet pond	Wet Pond	D1
020757	Infiltration basin	Infiltration Facility	D1
020759	Infiltration basin	Infiltration Facility	D1
020760	Infiltration basin	Infiltration Facility	D1

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SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020761	Infiltration basin	Infiltration Facility	D1
020167	Dry pond	Dry Pond	D2
020168	Dry pond	Dry Pond	D2
020270	Dry pond	Dry Pond	D2
020271	Dry pond	Dry Pond	D2
020272	Dry pond	Dry Pond	D2
020273	Dry pond	Dry Pond	D2
020274	Infiltration basin	Infiltration Facility	D2
020275	Wet pond	Wet Pond	D2
020276	Wet pond	Wet Pond	D2
020277	Wet pond	Wet Pond	D2
020396	Infiltration basin	Infiltration Facility	D2
020397	Infiltration trench	Infiltration Facility	D2
020398	Infiltration trench	Infiltration Facility	D2
020399	Infiltration basin	Infiltration Facility	D2
020400	Infiltration basin	Infiltration Facility	D2
020401	Infiltration trench	Infiltration Facility	D2
020402	Infiltration trench	Infiltration Facility	D2
020403	Infiltration trench	Infiltration Facility	D2
020404	Dry pond	Dry Pond	D2
020488	Wet pond	Wet Pond	D2
020490	Infiltration trench	Infiltration Facility	D2
020491	Other infiltration	No Routine Maintenance	D2
020492	Infiltration trench	Infiltration Facility	D2
020493	Infiltration trench	Infiltration Facility	D2
020495	Infiltration trench	Infiltration Facility	D2
020496	Infiltration trench	Infiltration Facility	D2
020499	Infiltration trench	Infiltration Facility	D2
020500	Infiltration trench	Infiltration Facility	D2
020502	Infiltration trench	Infiltration Facility	D2
020505	Infiltration trench	Infiltration Facility	D2
020506	Wet pond	Wet Pond	D2
020511	Infiltration trench	Infiltration Facility	D2
020517	Infiltration trench	Infiltration Facility	D2
020518	Infiltration trench	Infiltration Facility	D2
020756	Infiltration basin	Infiltration Facility	D2
020763	Wet pond	Wet Pond	D2
020779	Infiltration trench	Infiltration Facility	D2

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020782	Infiltration trench	Infiltration Facility	D2
020783	Infiltration trench	Infiltration Facility	D2
020784	Infiltration trench	Infiltration Facility	D2
020785	Infiltration trench	Infiltration Facility	D2
020786	Infiltration trench	Infiltration Facility	D2
020787	Infiltration trench	Infiltration Facility	D2
020788	Infiltration trench	Infiltration Facility	D2
020789	Infiltration trench	Infiltration Facility	D2
020162	Wet pond	Wet Pond	D3
020252	Dry pond	Dry Pond	D3
020259	Wet pond	Wet Pond	D3
020260	Infiltration basin	Infiltration Facility	D3
020262	Wet pond	Wet Pond	D3
020263	Infiltration basin	Infiltration Facility	D3
020264	Infiltration basin	Infiltration Facility	D3
020265	Infiltration basin	Infiltration Facility	D3
020266	Dry pond	Dry Pond	D3
020268	Infiltration basin	Infiltration Facility	D3
020269	Dry pond	Dry Pond	D3
020297	Wet pond	Wet Pond	D3
020388	Infiltration basin	Infiltration Facility	D3
020389	Dry pond	Dry Pond	D3
020391	Wet pond	Wet Pond	D3
020392	Infiltration trench	Infiltration Facility	D3
020393	Infiltration basin	Infiltration Facility	D3
020394	Infiltration basin	Infiltration Facility	D3
020514	Infiltration basin	Infiltration Facility	D3
020516	Infiltration trench	Infiltration Facility	D3
020520	Infiltration trench	Infiltration Facility	D3
020521	Wet pond	Wet Pond	D3
020522	Wet pond	Wet Pond	D3
020525	Dry pond	Dry Pond	D3
020526	Infiltration trench	Infiltration Facility	D3
020527	Infiltration trench	Infiltration Facility	D3
020528	Infiltration trench	Infiltration Facility	D3
020529	Infiltration basin	Infiltration Facility	D3
020530	Wet pond	Wet Pond	D3
020584	Wet extended detention pond	Wet Pond	D3

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SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020605	Bioretention	Filtration Facility	D3
020606	Infiltration basin	Infiltration Facility	D3
020607	Bioretention	Filtration Facility	D3
020608	Bioretention	Filtration Facility	D3
020609	Bioretention	Filtration Facility	D3
020766	Infiltration trench	Infiltration Facility	D3
020767	Infiltration trench	Infiltration Facility	D3
020768	Infiltration trench	Infiltration Facility	D3
020769	Infiltration trench	Infiltration Facility	D3
020770	Infiltration trench	Infiltration Facility	D3
020771	Infiltration trench	Infiltration Facility	D3
020774	Infiltration trench	Infiltration Facility	D3
020775	Infiltration trench	Infiltration Facility	D3
020780	Infiltration trench	Infiltration Facility	D3
020781	Infiltration trench	Infiltration Facility	D3
020790	Infiltration trench	Infiltration Facility	D3
020791	Infiltration trench	Infiltration Facility	D3
020823	Other infiltration	No Routine Maintenance	D3
020869	Infiltration trench	Infiltration Facility	D3
020870	Infiltration trench	Infiltration Facility	D3
020871	Infiltration trench	Infiltration Facility	D3
020872	Infiltration trench	Infiltration Facility	D3
020873	Infiltration trench	Infiltration Facility	D3
020874	Infiltration trench	Infiltration Facility	D3
020897	Infiltration trench	Infiltration Facility	D3
020916	Bioretention	Filtration Facility	E2
020298	Wet pond	Wet Pond	E3
020610	Other infiltration	No Routine Maintenance	E3
020613	Other infiltration	No Routine Maintenance	E3
020853	Infiltration trench	Infiltration Facility	E3
020903	Wet pond	Wet Pond	E3
020468	Dry pond	Dry Pond	F2
020299	Infiltration basin	Infiltration Facility	G1
020300	Infiltration trench	Infiltration Facility	G1
020301	Infiltration basin	Infiltration Facility	G1
020304	Infiltration trench	Infiltration Facility	G1
020305	Infiltration trench	Infiltration Facility	G1
020306	Infiltration trench	Infiltration Facility	G1

SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020307	Infiltration trench	Infiltration Facility	G1
020308	Infiltration trench	Infiltration Facility	G1
020309	Infiltration trench	Infiltration Facility	G1
020310	Infiltration trench	Infiltration Facility	G1
020311	Infiltration basin	Infiltration Facility	G1
020312	Infiltration trench	Infiltration Facility	G1
020313	Infiltration trench	Infiltration Facility	G1
020314	Infiltration trench	Infiltration Facility	G1
020315	Infiltration trench	Infiltration Facility	G1
020316	Infiltration trench	Infiltration Facility	G1
020317	Infiltration trench	Infiltration Facility	G1
020318	Infiltration trench	Infiltration Facility	G1
020319	Infiltration trench	Infiltration Facility	G1
020320	Infiltration basin	Infiltration Facility	G1
020321	Infiltration trench	Infiltration Facility	G1
020322	Infiltration trench	Infiltration Facility	G1
020323	Infiltration trench	Infiltration Facility	G1
020324	Infiltration trench	Infiltration Facility	G1
020325	Infiltration trench	Infiltration Facility	G1
020326	Infiltration trench	Infiltration Facility	G1
020327	Infiltration trench	Infiltration Facility	G1
020328	Infiltration trench	Infiltration Facility	G1
020329	Infiltration trench	Infiltration Facility	G1
020330	Infiltration trench	Infiltration Facility	G1
020331	Infiltration trench	Infiltration Facility	G1
020332	Infiltration trench	Infiltration Facility	G1
020333	Infiltration trench	Infiltration Facility	G1
020334	Infiltration trench	Infiltration Facility	G1
020335	Infiltration trench	Infiltration Facility	G1
020336	Infiltration basin	Infiltration Facility	G1
020337	Dry pond	Dry Pond	G1
020338	Infiltration basin	Infiltration Facility	G1
020339	Infiltration basin	Infiltration Facility	G1
020340	Infiltration trench	Infiltration Facility	G1
020341	Infiltration trench	Infiltration Facility	G1
020343	Infiltration trench	Infiltration Facility	G1
020349	Infiltration trench	Infiltration Facility	G1
020350	Infiltration trench	Infiltration Facility	G1

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SWM Facility No.	SWM Facility Type	Routine Maintenance Category	Tile Map
020354	Infiltration trench	Infiltration Facility	G1
020355	Infiltration trench	Infiltration Facility	G1
020357	Infiltration trench	Infiltration Facility	G1
020358	Infiltration trench	Infiltration Facility	G1
020360	Infiltration trench	Infiltration Facility	G1
020437	Infiltration basin	Infiltration Facility	G1
020439	Infiltration trench	Infiltration Facility	G1
020440	Infiltration trench	Infiltration Facility	G1
020570	Infiltration trench	Infiltration Facility	G1
020856	Infiltration trench	Infiltration Facility	G1
020858	Infiltration trench	Infiltration Facility	G1
020859	Infiltration trench	Infiltration Facility	G1
020861	Infiltration trench	Infiltration Facility	G1
020863	Infiltration trench	Infiltration Facility	G1
020864	Infiltration trench	Infiltration Facility	G1
020865	Infiltration trench	Infiltration Facility	G1
020866	Infiltration trench	Infiltration Facility	G1
020867	Infiltration trench	Infiltration Facility	G1
020868	Infiltration trench	Infiltration Facility	G1
020623	Bioretention	Filtration Facility	H2
020624	Bioretention	Filtration Facility	H2
020857	Wet pond	Wet Pond	H2