



PLAN VIEW
SCALE: 1" = 20'

REPLACEMENT OF EXISTING GRAVEL WITH ASPHALT PAVING BEYOND LIMITS OF THIS PROJECT IS NOT INCLUDED AND IS NOT PART OF SHA GRANT FUNDING.

PAVING/STABILIZATION NOTE:
1. SEE SHEET C-108 FOR PAVING DETAIL
2. ASPHALT PAVING THAT IS NOT PART OF SHA GRANT FUNDING WILL BE PROVIDED BY OTHERS UNDER A SEPARATE CONTRACT.

LEGEND

- Existing Minor Contour
- Existing Index Contour
- Proposed Index Contour
- Proposed Minor Contour
- Existing Edge of Trail
- Soil Line
- Existing Storm Drain
- Existing Curb
- Existing Tree Line
- Existing Drive
- Existing Buildings
- Existing Lot Lines
- Utility Easement Line
- Proposed Storm Drainage
- Proposed Storm Inlet
- Existing Gravel
- Existing Sand Bags
- Existing Concrete Blocks
- Proposed Promenade/Boardwalk
- Proposed Asphalt Trail
- Proposed Retaining Wall
- Stream Buffer
- Boring Location
- 100 Year INSEL

SWM SEQUENCE OF CONSTRUCTION

- Obtain proper permits.
- Notify the engineer of record: Century Engineering, Inc. 10710 Gilroy Rd, Hunt Valley, MD 21031 Phone: (443) 589-2400 in writing at least 72 hours prior to beginning work.
- Work this sequence in conjunction with the Sequence of Construction on sheet C-110 of the ESC Notes plan sheet.
- Contact Miss Utility at 1-800-251-7171 at least 3 days in advance of starting work shown on plans.
- Demo remainder of existing riser structure. Remove endsection and extend existing 24" GMP and install new endsection.
- Reline entire length of pipe, with cured in place liner.
- With permission of the engineer of record and the Carroll County Inspector, construct new riser.
- Scarify existing face of dam and with permission of the engineer of record and the Carroll County Inspector, regrade to match approved plan.
- Once grading and riser are complete, survey the site and provide to engineer for a volume and hydraulics check.
- Stabilize all areas affected by this construction.
- Once all areas are stabilized with a 2" stand of grass and certifying engineer has inspected and given their approval, finalize as-built plans and submit to Carroll County.

STORMWATER MANAGEMENT MAINTENANCE AGREEMENT SCHEDULE

- The Stormwater Management Facility/Facilities shown on these plans shall be constructed by the contractor.
- The contractor shall be responsible for continuing maintenance of the facility/facilities which shall include such items as mowing, cleaning, removing sediment, trees, shrubs and debris and repairing any structural damage until it is accepted by the Town of Mount Airy.
- The contractor shall be responsible for any structural damage or failure which may occur as a result of negligence, accident or misuse. In the event of structural damage, the contractor is responsible to make repairs as quickly as possible (30 day maximum). If after 30 days, the Town of Mount Airy performs the necessary work to place the facility in proper working condition, the contractor of the facility shall be assessed the cost of the work and any penalties. These monies shall be collected from a bond, which the contractor is required to post with the Town to cover such expenses. The bond will be used until such time as the Town takes the facility into its system.
- Maintenance of the facility shall be until accepted for maintenance by the Town which shall be after completion of the facility at which time the Carroll County Bureau of Resource Management shall certify that the facility is in proper working condition. "After completion of the facility" is construed to mean that all contributory drainage areas are paved or supporting a 2" stand of grass and that all buildings are constructed and that the Carroll County Bureau of Resource Management has inspected construction and that a registered professional engineer has certified the "As-Built" plans meet the plans specifications for construction.

CENTERLINE TRAIL COORDINATES

Start Station	Length	Direction	Northing	Easting
-0+30.93'			622534.0878	1269269.953
0+00.00'	30.93'	S85°26'42.91"E	622531.6319	1269300.782
0+37.40'	37.40'	S85°26'42.91"E	622528.6617	1269338.067
0+69.98'	32.58 1'	S68°31'23.58"E	622516.7332	1269368.935
4+31.24'	361.250'	S74°36'52.37"E	622451.6094	1269723.725
5+75.81'	144.56 7'	S74°36'52.37"E	622425.5484	1269865.923

ADA ACCESSIBILITY NOTE

All proposed improvements within the limit of this project shall be ADA accessible. Maximum longitudinal trail slope 5.0%; maximum cross or lateral slope 2.0%. Maximum ramp slope 8.0%; landing slope 2.0%.

POND INSPECTION CHART

STAGE	ENGINEERS APPROVAL	
	INITIALS	DATE
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND ALL PERIMETER SEDIMENT CONTROLS AS SHOWN ON SEDIMENT CONTROL PLAN SHEET C-107.		
2. ALL ITEMS ON PRE-CONSTRUCTION SEQUENCE OF CONSTRUCTION AS SHOWN ON SHEET C-110 ARE COMPLETED.		
3. CUT EX 16" DIP AND INSTALL M-1 AND 21" RGP FROM M-1 TO 2+4.		
4. DEMO REMAINDER OF OLD RISER AND 24" END-SECTION.		
5. INSTALL 24" PIPE EXTENSION AND NEW END SECTION. RELINE ENTIRE LENGTH OF 24" GMP WITH CURED IN PLACE LINER.		
6. INSTALL NEW RISER AND LOW FLOW PIPE, INCLUDING ORIFICE PLATE AND TRASH RACK PER DETAIL ON PLAN SHEET C-102.		
7. SCARIFY EXISTING EMBANKMENT AND RECONSTRUCT EMBANKMENT IN LIFTS FILL MUST ACHIEVE 95% COMPACTION AND INSTALL TRAIL AND RETAINING WALL EAST OF EMBANKMENT.		
8. CLEAN OUT BOTTOM OF POND; REMOVE SEDIMENT, RAIL TRAIL RAILROAD TRACKS, TIES, BLOCK WALLS, AND PILES THAT ARE NOT TO REMAIN.		
9. CONSTRUCT PROPOSED RETAINING WALLS, ABUTMENTS AND BOARD WALK.		
10. STABILIZE ANY DISTURBED AREAS AND REMOVE PERIMETER SEDIMENT CONTROLS AND ANY REMNANTS CONSTRUCTION INCLUDING STAKES.		
11. A MINIMUM OF 2" STAND OF DENSE GRASS IS ESTABLISHED.		
12. SUBMIT AS-BUILT PRINTS TO CARROLL COUNTY BUREAU OF RESOURCE MANAGEMENT WITHIN 30 DAYS OF CONSTRUCTION COMPLETION.		

DATA SOURCES:

- Topographic information is from a field survey by Century Engineering, Inc., dated 2-11-2011 (for areas around the existing pond) and 4-28-2011 (for the area around Center St).
- Topography is supplemented with Carroll County GIS.
- Soils information is from NRCS Websoil Survey, dated 6-2-1-2011.
- Coordinates & elevations are referred to the Maryland Coordinate System (NAD 83/2011 & NAVD83) via GPS and tied to the Smart Net Reference Station Network.

DATE	BY	REVISIONS
11.4.2020	C.E.I.	WIDE DAM SAFETY COMMENTS



SITE PLAN
Mt. Airy Town View
ADA Accessible Trail and Stormwater Management Pond Restoration
Located in the Town of Mt. Airy, Carroll County, MD

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

EXPIRATION DATE: 11/30/2024

ISSUE DATES: 1.6.2021

REVIEW: _____
 BID: _____
 PERMIT: _____
 CONSTRUCTION: 4.14.2021

BASE: DRS
 DRAWN: DRS
 DESIGNED: DRS
 CHECKED BY: AJD
 DATE CHECKED: _____

SCALE: AS SHOWN
 DRAWING: C-101

PROJECT NO: 16111400

Engineer:
Century Engineering, Inc.
Anthony J. Dietz, P.E.
443-589-2400
ajdietz@centuryeng.com

