Environmental Monitor Construction Site Inspection Report MassDOT Project #608164 Construction Contract # 119678 EM Report #50

Project Description: Bruce Freeman Rail Trail Right-of-Way

Permit Description(s): Order of Conditions (MGL Chapter 131, Section 40 and 310 CMR 10.00, Mass DEP File No. 301-1362); 2022 EPA NPDES General Permit for Discharges from Construction Areas; U.S. Army Corps of Engineers Permit No NAE-2021-01975

I. General Project Information

Project Name:	Bruce Freeman Rail Trail - Phase 2d - Sudbury		
Date of Inspections: 4/7/2025			
Bi Weekly/ Monthly Period Covered:	April Weekly Inspection #2		
Inspector's Name(s):	Anna Haznar		
Inspectors' Contact Information:	ahaznar@beta-inc.com		

II. Weather Information

			Weather Information			
	Inspection #1	Inspection #2	Inspection #3	Inspection #4	Inspection #5	Inspection #6
<u>WeatherUnderground</u>	Inspector: Anna Haznar 4/2/2025	Inspector: Anna Haznar 4/7/2025	Inspector:	Inspector:	Inspector:	Inspector:
Type of Inspection (i.e. non-storm event, pre- storm event, during-storm event or post- storm event):	Post-storm	Post-storm				
Number of days since last rain event greater han .25"	1	1				
Has there been a storm event since the last nspection?	Yes	Yes				
f yes, please provide storm start date, storm duration, and approx amount of precipitation:						
Storm 1:	April 1st (5 hours 0.81")	April 6 (7 hours 0.9")				
Storm 2:						
Storm 3:						
Storm 4:						
Weather at the time of inspection (i.e. clear, overcast, cloudy, rain, sleet, fog, snow, windy):	Clear	Light Rain/Overcast				
Temperature:	39	44				
Unusual Conditions (drought, severe storm):						
Have any discharges occurred since the last nspection report?	Yes	No				
f yes, please describe:						
	Loam was observed to have discharged into the stream at Stations 215+75 and 216+15.					

Note: Inspections should only be conducted on days during work hours while RE or ARE is onsite. The EM should contact the RE to address any immediate corrective actions.

III. General Description of Construction Status

4/2/2025 - At the time of the Site visit, no work was occurring.

4/7/2025 - At the time of the Site visit, no work was occurring.

IV. Status of Existing BMPs						
Control Measure (These are examples; list measures specific to the project)	Cleaning or Repair Needed (yes no n/a)	Comments/Recommendations from the EM				
Perimeter Controls	Yes	Perimeter erosion and sedimentation control measures were installed at the commencement of the Project and are in varying conditions across the Site; however, they were generally observed to be degraded. Perimeter controls were generally in degraded condition along culverts, streams, and cattle crossings. New perimeter controls were added on 6/27/2024 at Stations 310+00 through 311+00 as requested. New erosion controls have been installed between the path and the crushed stone shoulders at Station 216+00 to 217+50. Areas that still require stabilization do not appear to be at risk for erosion due to surrounding vegetation upgradient of Resource Areas, with the exception of the slopes along the stream at Station 215+00 to 217+00.				
Inlet Protection Measures	No					
Stabilized Construction Entrances	No					
Stockpile Protections	No					
Dust Control	No					
Street Sweeping	Yes	Crushed stone was observed on the path throughout the Project in varying volumes.				
Dewatering Controls	No					
Construction Equipment and Material Storage	No					
Construction and Domestic Waste Storage and Collection	No					
Location of Sanitary Waste Facilities	No					
Washout Areas	No					
Fertilizers, Herbicides, and Landscape	N/A					
Stabilization of Exposed Soil	Yes	Varying degrees of stabilization are present within areas that were constructed/graded as part of the Project. Seed has been applied to multiple locations of exposed soil throughout the path; however, predominately non-native vegetation has become established. Erosion control blankets have been installed on the slope near Station 165+00 to 167+00 and Station 217+45. Loam that was applied to the streambank at Station 215+00 to 217+00 requires further stabilization and erosion has occurred in this location.				
Overall Adherence to Environmental Permits	Yes	As noted in Action Items 41 and 42, it appears that work has been conducted beyond the limits of work approved under the Order of Conditions. These areas will require coordination amongst the Project Team to confirm if any restoration is required. A Site walk was conducted with BETA staff, MassDOT staff and the Conservation Agent on 11/19/2024 to discuss potential resolutions for compliance issues.				
	Note.	: Use station numbers, wetland ID or other means to determine locations of BMP's that need repairs.				

V. Compliance Table - Compliance Action Items

V. 1. Compliance Action Items Observed During the One Month Reporting Period Ending [April 30, 2025].

Current Open and Closed Compliance Action Items Observed During the Reporting Period Ending [June 30, 2024]. For those items within the most current two week period, color the Item in blue, as shown on lines 48-50 as an example. RED text indicates that the item is outstanding. Once item is resolved, place resolution date in 'Recommended Resolution/Resolution Date' column, convert to BLACK text, and move to the bottom of the Action Item list. Place resolution date on TOP of resolution action. Each Compliance Action Item is assigned a unique number only to be used to reference that item for the duration of the project. Separate but related Action Items will be labeled in an "Item Number-1 and Item Number-2" manner or similar. Completed action items can be removed once they have appeared in the Bi-Weekly Report to MassDEP

"<u>Urgent</u>" - Needs to be completed immediately, "<u>High</u>" - Needs to be completed within 7 days and has short-term potential to impact resource areas, "<u>Low</u>" - Needs to be completed within 7 days with minimal potential to impact resource areas

Item	Location/ Description	Observation Date	Resolution Due Date	Recommended Resolution / Resolution Date	Comments/Updates
62	Loam and seed was applied to the streambank at Station 215+00 to 217+00 and requires further stabilization Priority: High	11/25/2024	12/2/2024	An erosion control blanket should be installed along this slope.	12/2/2024 - Loam and seed have been applied to the streambank at Station 215+00. Stabilization is required at Stations 215+00 to 217+00. 12/6/2024 - Observation remains. See previous update. 12/12/2024 - Observation remains. See previous was observed within the loam applied to this area from Station 215+00 to 216+00. 12/20/2024 - Observation remains. Loam has begun to erode, resulting in a discharge to the stream at Station 216+50. 12/26/2024 - Observation remains. No further discharge was observed in this location. 12/31/2024 - Observation remains. Additional loam has eroded resulting in a discharge to the stream at Station 216+50. 11/2/2025 - Observation remains. No further discharge was observed in this location. 11/9/2025 - Observation remains. Straw was observed to have been placed along portions of the streambank; however, this area should be stabilized using an erosion control blanket. 1/15/2025 - Observation remains. Erosion causing a discharge of loam and straw into the stream was observed at Station 216+50. 1/23/2025 - Observation remains. Snow coverage is present within the stream and on the streambank. No further discharge was observed during this inspection. 1/30/2025 - Observation remains. Snow coverage is present within the stream and on the streambank. No further discharge was observed during this inspection. 2/4/2025 - Observation remains. Snow coverage is present over a majority of the stream and on the streambank. No further discharge was observed during this inspection. 2/11/2025 - Observation remains. Snow coverage is present over the stream and on the streambank. No further discharge was observed; however, stabilization is still required. 2/11/2025 - Observation remains. Snow coverage is present over the stream and on the streambank. No further discharge was observed on the streambank at Station 216+25. 4/7/2025 - Observation remains. Stome coverage is present over the stream and on the streambank. No further discharge in this location was observed to have eroded and discharg

53	Stone was observed requiring removal from the swale on the east side of the trail at Station 172+00 to 173+00 Priority: High	7/29/2024	8/6/2024	Remove stone from the swale.	8/5/2024 - Observation remains. 8/12/2024 - Observation remains. 8/12/2024 - Observation remains. Material was observed to have migrated within the swale to Station 173+50. 8/16/2024 - Stone is still present within the swale. 8/20/2024 - Observation remains. Crushed stone has migrated further down the swale to Station 171+50. 8/27/2024 - Observation remains. Stone is still present within the swale. 9/3/2024 - Observation remains. Stone is still present within the swale. 9/16/2024 - Observation remains. The contractor indicated that the stone within the swale would be hand removed. 9/23/2024 - Observation remains. The contractor indicated that the stone within the swale would be hand removed. 9/23/2024 - Observation remains. It appears as though some stone has migrated further south down the swale. 10/4/2024 - Observation remains. Stone is still present within the swale. 10/8/2024 - Observation remains. Stone is covered with vegetation in some areas. 10/2/2/2024 - Observation remains. Stone is covered with vegetation in some areas. 10/2/2/2024 - Observation remains. 11/12/2024 - Observation remains. 11/12/2024 - Observation remains. 11/12/2024 - Observation remains. 11/12/2024 - Completely covered the stone in this location. The Contractor should indicate if stone has been removed from this location. 11/19/2024 - See previous update. 11/22/2024 - Observation remains. Stone is still present within the swale and requires removal. Leaf litter is currently covering a majority of the stone. 11/22/2024 - Observation remains. Stone is present within the swale under leaf litter. 11/2/2024 - Observation remains. Stone is present within the swale under the leaf litter. 11/2/2024 - Observation remains. Stone is present within the swale under the leaf litter. 11/2/2024 - Observation remains. Stone is present within the swale under the leaf litter. 11/2/2025 - Observation remains. Stone is present within the swale under the leaf litter. 11/2/2025 - Observation remains. Stone is present within the swale under the leaf litter.
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Slope stabilization required d of compost filter tubes at Star and 273+00 Priority: High		6/14/2024	Stabilize the slope with the approved seed mixture and provide interim stabilization such as straw mulch.	6/14/2024 - Observation remains. 6/17/2024 - Observation remains. 6/17/2024 - Observation remains. 6/27/2024 - Observation remains. 7/15/2024 - Observation remains. 7/15/2024 - This area could not be assessed due to paving operations ongoing during the inspection. 7/12/2024 - Observation remains. 7/12/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Observation remains. 8/16/2024 - Observation remains. 8/16/2024 - Observation remains. 8/16/2024 - Observation remains. 8/20/2024 - Application of the approved seed mixture is required at this location. 8/20/2024 - Observation remains. 9/20/2024 - Observation remains. 9/3/2024 - Observation remains. No germination has been observed. 10/4/2024 - Observation remains. No germination has been observed. 10/15/2024 - Observation remains. No germination has been observed. 10/2/2024 - Observation remains. So germination has been observed. 11/5/2024 - Observation remains. So germination has been observed. 11/5/2024 - Observation remains. See previous update. 11/12/2024 - Observation remains. 12/2025 -
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Soil and organic debris has been placed within the wetland between wetland flagging W#23-119 and WF#23-118 at Station 224+00 Priority: High	5/21/2024	5/28/2024	Remove all material and provide stabilization of the area with the approved wetland seed mixture. Straw should also be placed for interim stabilization.	5/28/2024 - Observation remains. 5/31/2024 - Observation remains. 6/14/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. 7/8/2024 - Genemiation was observed and the area will be monitored for stabilization. 7/15/2024 - See previous update. 7/22/2024 - Observation remains. 7/22/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Regrowth of vegetation has been observed in this area. This item will remain open until the area is fully stabilized. Debris is still present in wetland and requires removal. 8/11/2024 - Observation remains. 8/16/2024 - Observation remains. 9/10/2024 - Observation remains. Solis require stabilization at this location. 9/2/2024 - Observation remains. Solis require stabilization at this location. 9/2/2024 - Observation remains. Solis require stabilization at this location. 9/2/2024 - Observation remains. Hydroseed has not been applied to this area. 10/4/2024 - Observation remains. Hydroseed has not been applied to this area. 10/2/2024 - Observation remains. Hydroseed has not been applied to this area. 10/2/2024 - Observation remains. Hydroseed has not been applied to this area. 11/2/2024 - Observation remains. Hydroseed has not been applied to this area. 11/2/2024 - Observation remains. Hydroseed has not been applied to this area. 11/2/2024 - Observation remains. No germination has been observed in this area. 11/

43	Overtopped compost filter tubes and exposed soils beyond the limits of work at Station 105+00 Priority: High	6/7/2024	6/14/2024	Stabilize the area with the approved seed mixture and provide interim stabilization such as straw mulch.	6/14/2024 - Observation remains. 6/17/2024 - Observation remains. 6/27/2024 - Observation remains. 6/27/2024 - Observation remains. 6/27/2024 - Observation remains. 7/18/2024 - Observation remains. 7/18/2024 - Observation remains. 7/19/2024 - Observation remains. 8/19/2024 - Observation remains. 8/16/2024 - Observation remains. 8/19/2024 - Observation remains. 9/3/2024 - Observation remains. 9/3/2024 - Observation remains. 9/3/2024 - Observation remains. 9/10/2024 - Observation remains. Germination has not been observed. 10/15/2024 - Observation remains. Some germination has been observed but the area is not considered stabilized. 10/15/2024 - Observation remains. Some germination has been observed but the area is not considered stabilized. 10/15/2024 - Observation remains. Seed has stabilized the area. 11/19/2024 - Observation remains. Some germination has been observed but the area is not considered stabilized. 11/12/2024 - Observation remains. Seed has stabilized the area. 11/19/2024 - Observation remains. Seed has stabilized the area. 11/19/2024 - Observation remains. See pudate from 11/19/2024. 11/19/2024 - Observation remains. See update from 11/19/2024. 11/19/2025 - Observation remains. See update from 11/19/2024. 11/19/2025 - Observation remains. See update f
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5/31/2024 - Observation remains. 6/7/2024 - Observation remains. 6/14/2024 - Observation remains. 6/14/2024 - Observation remains. 6/14/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. Grass was observed to until stabilization is complete. 7/8/2024 - See previous update. 7/15/2024 - Additional hydroseed is required due to water of the complete of th	
6/14/2024 - Observation remains. 6/17/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. 6/27/2024 - Regrowth of remains. 6/27/2024 - Regrowth of vegetation has been observed to until stabilization is complete. 7/8/2024 - See previous update. 7/15/2024 - Additional hydroseed is required due to wa 7/22/2024 - Observation remains. 7/29/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Regrowth of vegetation has been observed is stabilized. 8/12/2024 - Observation remains. Regrowth has stabilized.	
6/17/2024 - Observation remains. 6/24/2024 - Observation remains. 6/27/2024 - Rilss were raked, loam was added, and hyd 7/8/2024 - Observation remains. Grass was observed to until stabilization is complete. 7/8/2024 - See previous update. 7/8/2024 - See previous update. 7/15/2024 - Observation remains. 7/22/2024 - Observation remains. 7/22/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Observation remains. 8/7/2024 - Observation remains. 8/7/2024 - Observation remains.	
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6/27/2024 - Rills were raked, loam was added, and hyd 7/8/2024 - Observation remains. Grass was observed to until stabilization is complete. 7/8/2024 - See previous update. 7/15/2024 - Additional hydroseed is required due to wa 7/22/2024 - Observation remains. 7/29/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Regrowth of vegetation has been observed is stabilized. 8/12/2024 - Observation remains. Regrowth has stabilia	
7/8/2024 - Observation remains. Grass was observed to until stabilization is complete. 7/8/2024 - See previous update. 7/8/2024 - Additional hydroseed is required due to wa 7/22/2024 - Observation remains. 7/29/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Regrowth of vegetation has been observed is stabilized. 8/12/2024 - Observation remains. Regrowth has stabiliated.	roseed was applied
until stabilization is complete. 7/8/2024 - See previous update. 7/15/2024 - Additional hydroseed is required due to water and the stabilized of the stabilized. 7/15/2024 - Observation remains. 7/29/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Regrowth of vegetation has been observed is stabilized. 8/12/2024 - Observation remains. Regrowth has stabiliated.	
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7/15/2024 - Additional hydroseed is required due to wa 7/22/2024 - Observation remains. 7/29/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Regrowth of vegetation has been observed is stabilized. 8/12/2024 - Observation remains. Regrowth has stability.	
7/22/2024 - Observation remains. 7/29/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Regrowth of vegetation has been observed stabilized. 8/12/2024 - Observation remains. Regrowth has stabilia	ah a ta
7/29/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Regrowth of vegetation has been observed stabilized. 8/12/2024 - Observation remains. Regrowth has stabilia	snouts.
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8/7/2024 - Regrowth of vegetation has been observed is stabilized. 8/12/2024 - Observation remains. Regrowth has stability.	
stabilized. 8/12/2024 - Observation remains. Regrowth has stability.	
	n this area. This item will remain open until the area is fully
	ed a portion of this hill; however, reseeding and additional
temporary stabilized measures are recommended on the	
8/16/2024 - Observation remains.	,
8/20/2024 - Application of the approved seed mixture in	required at this location.
8/27/2024 - Observation remains.	
9/3/2024 - Vegetation that is present in this location ge	nerally consists of lady's thumb smartweed (Persicaria
	e species and application of the approved seed mixture is
required at this location.	species and application of the approved seed mixture is
9/10/2024 - Observation remains. See previous update	
9/16/2024 - Observation remains. See previous quarter 9/16/2024 - Observation remains. See update from 9/3	
9/23/2024 - Observation remains. See update from 9/3	
Sediment is eroding downhill from behind 9/27/2024 - Observation remains.	2024.
	/2024
10/22/2024 - Observation remains. See update from 9/	
	nas been applied to this location and the slope is generally
vegetated by non-native species. See update from 9/3/	
	eed has been applied to part of this slope, no germination has
been observed.	
11/12/2024 - Observation remains. No germination has	been observed in this location.
11/19/2024 - Observation remains.	
11/22/2024 - Observation remains. No germination has	
11/25/2024 - Observation remains. No germination has	
12/2/2024 - Observation remains. No germination has	
12/6/2024 - Observation remains. No germination has	
	as been observed within this location. Observation will remain
open until stabilization is complete.	
12/20/2024 - Observation remains. See previous updat	
12/26/2024 - Observation remains. See update from 12	
12/31/2024 - Observation remains. See update from 12	/12/2024.
1/2/2025 - Observation remains. See update from 12/1	2/2024.
1/9/2025 - Observation remains. See update from 12/1	2/2024.
1/15/2025- Observation remains.	
1/23/2025 - Observation remains.	
1/30/2025 - Observation remains.	
2/4/2025 - Observation remains.	
2/1/2025 - Observation remains.	
	ing this inspection. However, vegetation in this area consists of
	Persicaria maculosa) and various grasses. Further tracking of
Inninative specification is provided under Long-Term Co	· · · · · · · · · · · · · · · · · · ·
non-native vegetation is provided under Long-term Co.	iphonec Action Item 01.

V.2. On Going (Longer-Term) Compliance Items

 $Typically, these items \ require \ coordination \ with \ Mass DEP. \ If so, remove \ once \ approval \ is \ obtained \ from \ Mass DEP$

Item	Location/ Description	Observation Date	Resolution Due Date	Recommended/Discussed Resolution	Comments/Updates
61	Invasive/ non-native vegetation including Japanese knotweed (Reynoutria japonica), bittersweet (Celastrus orbiculatus), bush honeysuckle (Lonicera spp.), burning bush (Euonymus alatus), purple loosestrife (Lythrum salicaria), glossy buckthorn (Frangula alnus) and garlic mustard (Alliaria petiolata) have been observed throughout the path. Priority: High	10/22/2024	10/29/2024	Invasive Species should be removed by manual and/or chemical removal methods	10/29/2024 - Invasive species are present throughout the trail both within upland and Resource Areas. Populations of glossy buckthorn and purple loosestrife are present within the wetland replication area. 11/5/2024 - Observation remains. See update from 10/29/2024. 11/12/2024 - Observation remains. Invasive species are still present throughout the trail. Some invasives have been observed with no leaves due to winter die back. 11/19/2024 - Observation remains. Further invasive species management will be required during the next growing season. 11/22/2024 - Observation remains. 11/25/2024 - Observation remains. 11/26/2024 - Observation remains. 12/6/2024 - Observation remains. 12/6/2024 - Observation remains. 12/12/2024 - Observation remains. 12/2024 - Observation remains. 12/20204 - Observation remains. 12/20204 - Observation remains. 12/20204 - Observation remains. 12/20205 - Observation remains. 12/20205 - Observation remains. 1/3/2025 - Observation remains. 1/30/2025 - Observation remains. 1/30/2025 - Observation remains. 1/30/2025 - Observation remains. 1/23/2025 - Observation remains. 1/24/2025 - Observation remains. 1/24/2025 - Observation remains. 1/24/2025 - Observation remains. 1/4/2025 - Observation remains. 1/5/2025 - Observation remains.
57-1	Japanese hops (<i>Humulus japonicus</i>) has been observed throughout the Project and requires removal Priority: High	10/22/2024	10/29/2024	The Contractor should manage remaining Japanese hops by hand pulling and the application of herbicide.	10/22/2024 - This Action Item has been reopened due to observations of both dead and living Japanese hops in select locations along the Project. BETA and MassDDT will coordinate further with the Sudbury Conservation Agent to clarify the extents of remaining living vegetation as removal efforts progress. 10/29/2024 - Plants that were observed as alive along Route 117 during the last inspection were observed to be wilting due to winter die back. 11/5/2024 - Observation remains. See update from 10/29/2024. 11/12/2024 - See update from 10/29/2024. 11/19/2024 - Observation remains. See update from 10/29/2024. Management of Japanese hops should occur during the next growing season. 11/22/2024 - Observation remains. 11/25/2024 - Observation remains. 11/26/2024 - Observation remains. This action item has been moved to the Long-Term Compliance Items section because it can only be resolved during the next growing season. 12/12/2024 - Observation remains. 12/20/2024 - Observation remains. 12/26/2024 - Observation remains. 12/26/2024 - Observation remains. 12/26/2024 - Observation remains. 12/25- Observation remains. 12/2025 - Observation remains. 1/3/2025 - Observation remains. 1/3/2025 - Observation remains. 1/3/2025 - Observation remains. 1/3/2025 - Observation remains. 2/4/2025 - Observation remains. 2/4/2025 - Observation remains. 2/4/2025 - Observation remains. 2/4/2025 - Observation remains.

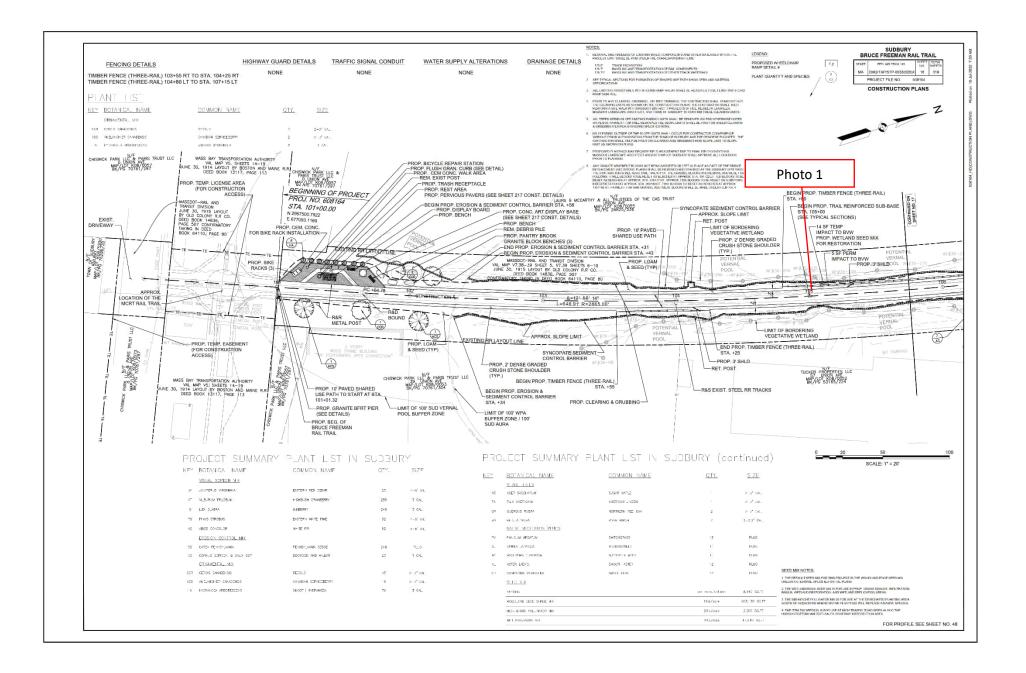
59	Multiple locations of exposed soils along the Project corridor require stabilization Priority: High	9/3/2024	9/10/2024	The contactor should apply the approved seed mixture to areas of exposed soils and place straw.	9/3/2024 - Herbicide application caused multiple areas along the path to be no longer stabilized. If thatch is present in these locations the thatch should be removed before seeding occurs. A location near Station 320+50 has been cleared outside of the limit of work and requires stabilization. Other areas along the path where seed did not germinate should be reseeded with the approved seed mix and straw should be placed on the areas of exposed soil. 9/10/2024 - Observation remains, see previous update. A few locations along the trail have been hydroseeded but a majority of the locations of exposed soil require seed and stabilization. 9/15/2024 - Observation remains. The contactor indicated areas of bare soil will be hydroseeded. 9/23/2024 - Observation remains. The contactor reached out and indicated all areas of exposed soils south of Hudson Road were hydroseeded after the inspection occurred. 10/2/2024 - Observation remains. The contractor reached out and indicated all areas of exposed soils south of Hudson Road were not seeded using hydroseed; hydroseed was applied in a few locations, but there are still large areas of exposed soll both south and north of Hudson Road that require seeding. That was not removed in any areas before hydroseed was applied. The contractor should provide the tag from the seed mix that was used to the Conservation Commission to ensure that the require fant the seed mix was used to the Conservation Commission to ensure that the require fant was used prevailed in the seed of the

58	Crushed stone used for the dense graded crush stone shoulders has been observed as migrating both onto the path, off the sides of the path, and into the adjacent Resource Areas throughout the Project Priority: High	8/7/2024	8/14/2024	Remove all crushed stone from Resource Areas and develop a plan to cease discharges of stone.	8/12/2024 - Crushed stone is still present in varying amounts throughout the path and on the sides of the path. 8/16/2024 - Observation remains. 8/16/2024 - Observation remains. 8/16/2024 - Observation remains is maintained by the sides of the path in multiple locations throughout the Project. 8/16/2024 - Crushed stone has been removed from some adjacent resource areas but is still observed as migrating onto and off of the path in multiple locations throughout the path. 9/3/2024 - Crushed stone was observed to have discharged to the cattle crossing at Station 190-50 and within the streambed at Station 215-00 to 216-00. Crushed stone was observed to the cattle crossing at Station 190-50 and within the streambed at Station 315-00 near Bank flag #864-108. 9/10/2024 - Observation remains. Crushed stone is still present within the cattle crossing, the streambed, and on the rost system of the failant rec. Crushed stone is still present within the cattle crossing, the streambed, and on the rost system of the failant rec. Crushed stone is still present within the cattle crossing, the streambed, and on the rost system of the failant rec. Crushed stone is still present within the cattle crossing, the streambed, and on the rost system of the failant rec. Crushed stone is still present within the cattle crossing, the streambed, and on the rost system of the failant rec. Crushed stone is still present within the cattle crossing, the streambed, and on the rost within the date of the path. 9/18/2024 - Observation remains. It does not appear as though crushed stone has migrated onto or off of the path will be hand removed in any location along the Project. More crushed stone has migrated onto the path throughout significant portions of the path. 10/2/2024 - Observation remains. Crushed stone is still present in multiple locations on and off the sides of the path. 10/15/2024 - Observation remains. Crushed stone is still present in multiple locations on and off the sides of the path. 10/15/2024 - Observation remains. Crushed sto

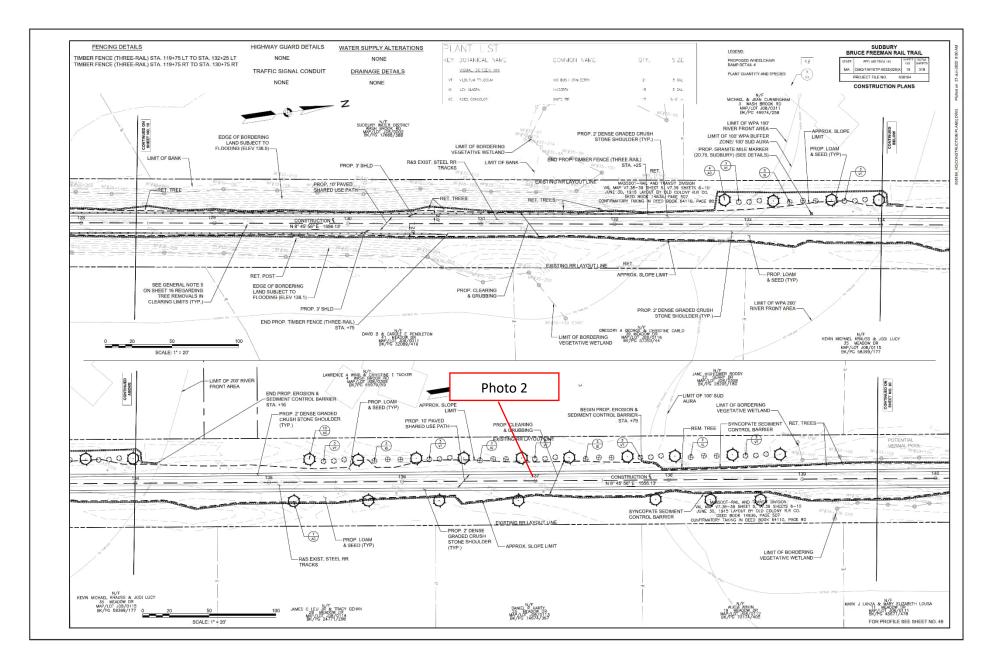
42	Riprap slope extends beyond limits of work along the WF1 Series wetland near flags 103 to 107 Priority: High	5/28/2024	6/4/2024	The Contractor should confirm if this work was permitted by the Conservation Commission, as it does not appear to be a part of the approved plans/impacts. MassDOT should be consulted on next steps regarding notification and potential restoration.	5/31/2024 - Observation remains. 6/71/2024 - Observation remains. 6/71/2024 - Observation remains. 6/11/2024 - Riprap slope has been altered and active construction is repairing the area. 6/11/2024 - Puring this inspection, additional work in support of the repair/potential replacement of an underlying pipe has was ongoing. It is recommended that the contractor confirm that they have coordinated with the Conservation Commission for this work and provide a restoration plan for the area once work is complete. 6/24/2024 - During this inspection, BETA was informed that the existing cast iron pipe was replaced with a new concrete 12-inch reinforced concrete pipe. It appears that riprap was replaced along the side slopes to mirror conditions observed prior to this inspection. 6/27/2024 - During this inspection, the area was observed to have been rolled and prepared for paving. Hydroseed was applied and plantings were installed. 7/8/2024 - Germination was observed and the area will be monitored for stabilization. See previous updates regarding Conservation Commission coordination. 7/15/2024 - This area could not be assessed due to paving operations ongoing during the inspection. 7/23/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Observation remains. 8/5/2024 - Observation remains. 8/7/2024 - Observation remains. 8/20/2024 - Observation remains. 8/20/2024 - Observation remains. 8/20/2024 - Observation remains. 8/20/2024 - Observation remains. 9/3/2024 - Observation remains. See update from 11/19/2024. 11/2/2024 - Observation remains. See update from 11/19/2024. 11/2/2024 - Observation remains. See update from 11/19/20
					12/26/2024 - Observation remains. See update from 11/19/2024. 12/31/2024 - Observation remains. See update from 11/19/2024. 1/2/2025 - Observation remains. Leaf litter that was previously observed at the bottom of the slope has blown away and it appears that exposed soil with no observable germination is present. 1/9/2025 - Observation remains. See update from 1/2/2025 and 11/19/2024.

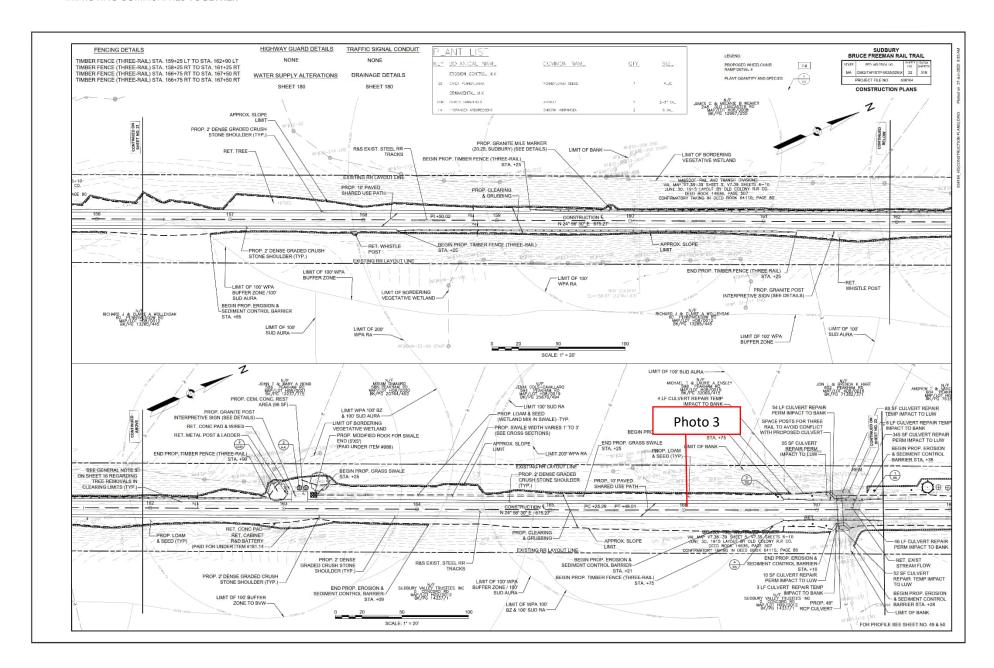
			Г					
Stream Bank has been regraded beyond the limit of work at Station 216+00 Priority: High	5/28/2024	6/4/2024	The Contractor should confirm if this work was permitted by the Conservation Commission, as it does not appear to be a part of the approved plans/impacts. MassDOT should be consulted on next steps regarding notification and potential restoration.	5/31/2024 - Observation remains. 6/14/2024 - Observation remains. 6/14/2024 - Observation remains. 6/14/2024 - Observation remains. 6/14/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. 6/24/2024 - Observation remains. 7/38/2024 - Observation remains. 7/38/2024 - Observation remains. 7/38/2024 - Observation remains. 7/38/2024 - Observation remains. 8/3/2024 - Observation remains. 8/12/2024 - Observation remains. 8/20/2024 - Observation remains. 8/20/2024 - Observation remains. 8/20/2024 - Observation remains. 9/3/2024				
VI. Agency Submittals (Note: only filled out for monthly report)								
Submittal	Date Submitted	Description	Status					
VII. Attachments (#3 only attached with monthly report)								
1. Field Sketch								
2. Photographic Documentation								
3. 3 Week Look ahead schedule								

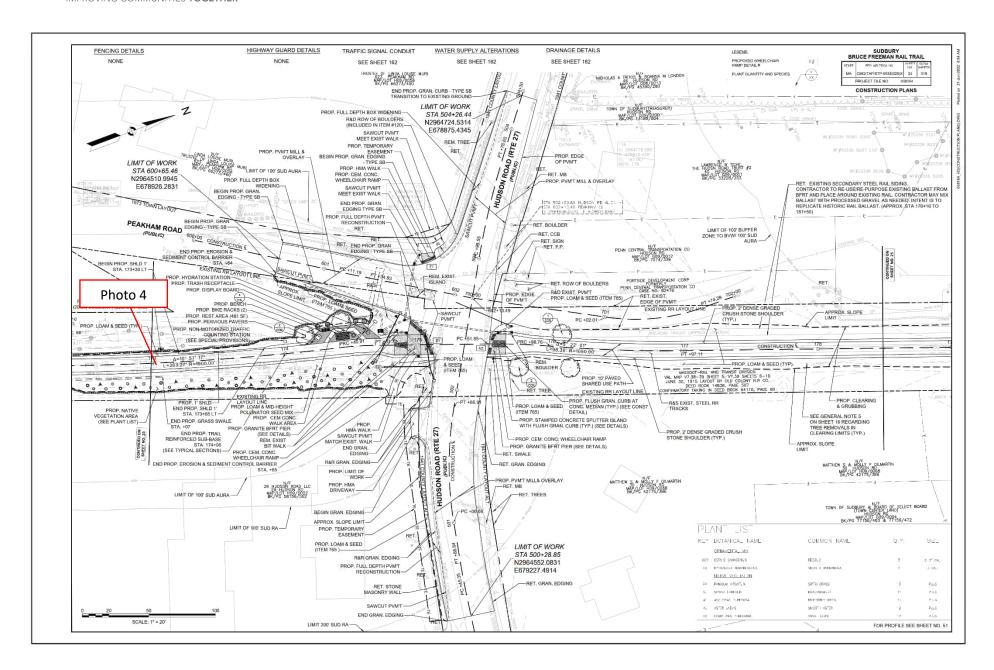




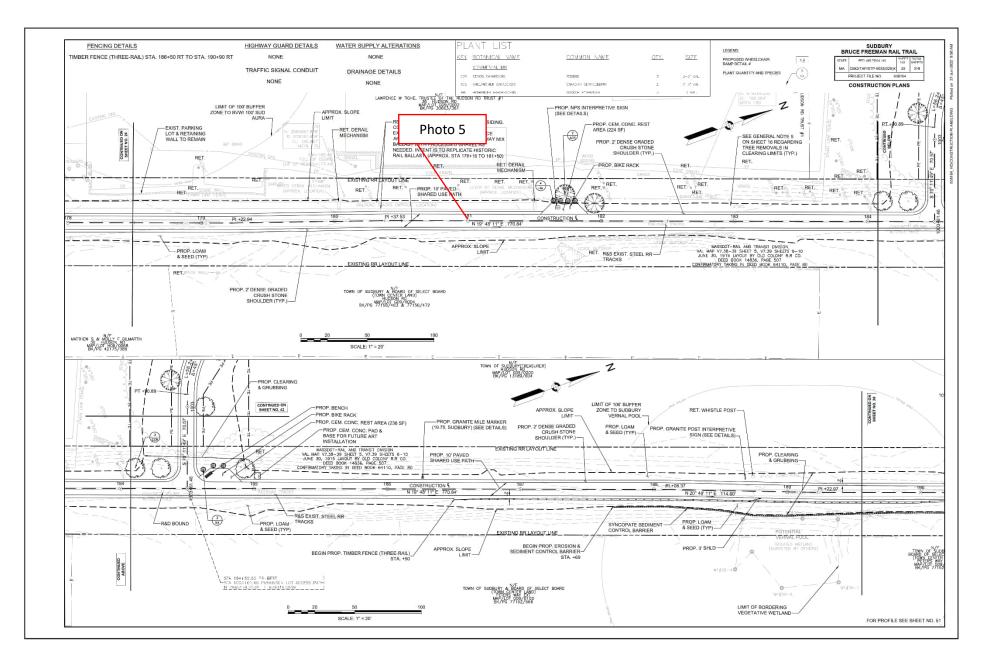


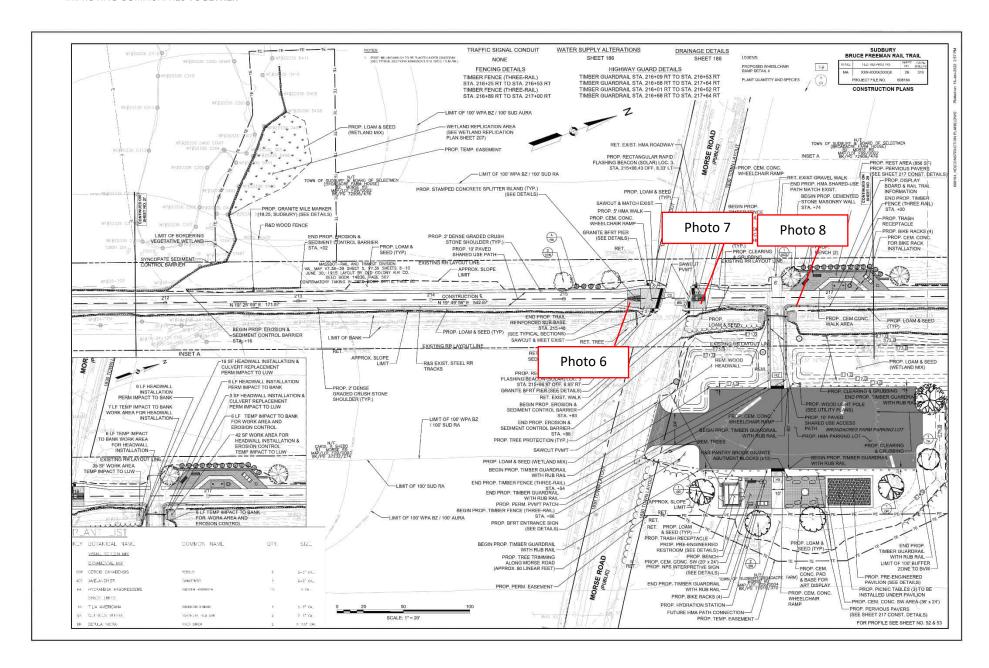




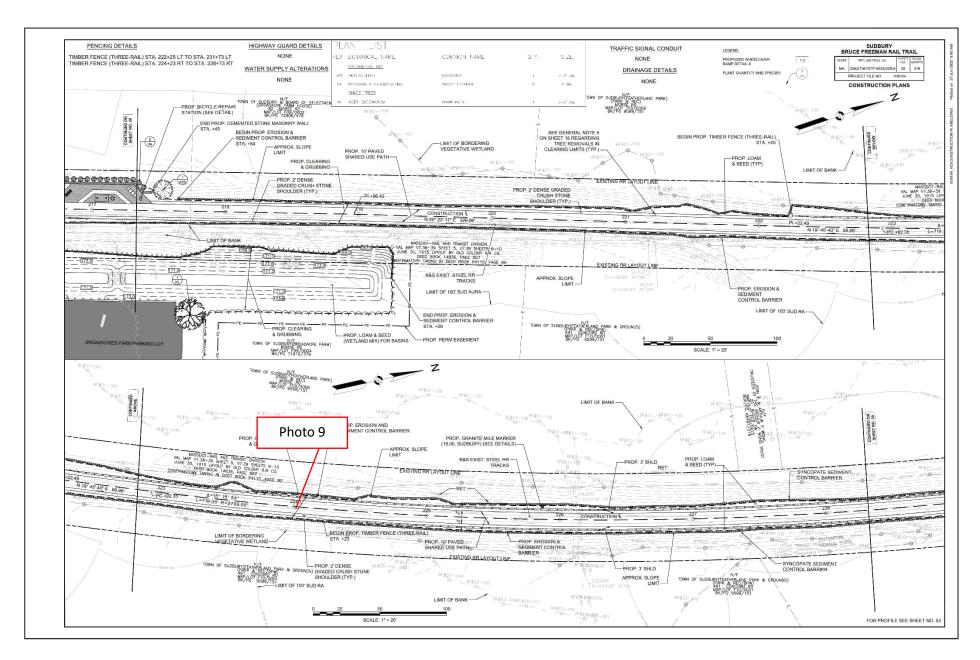


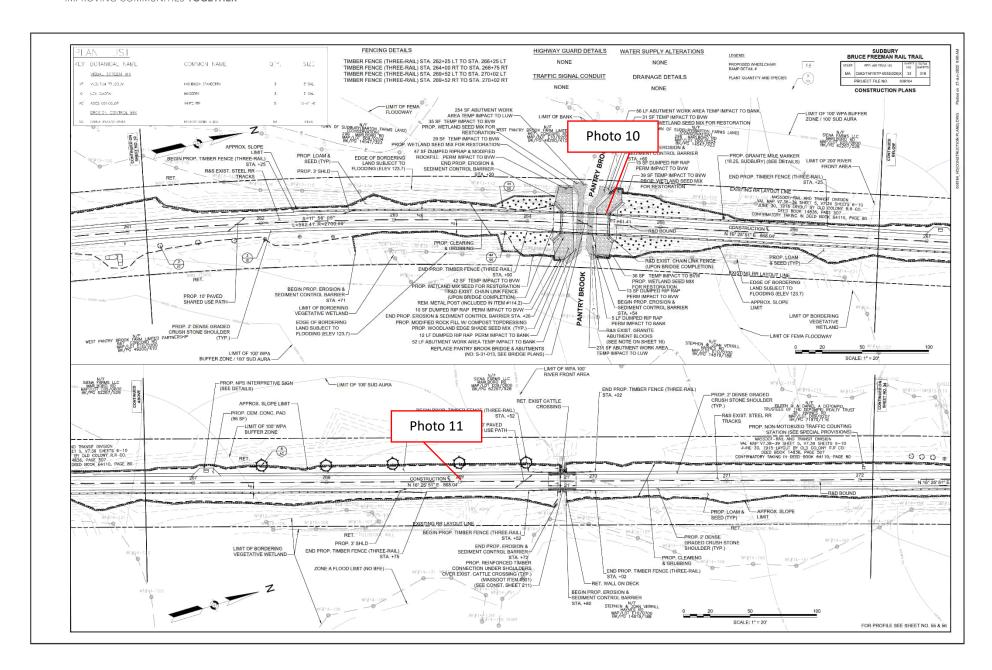


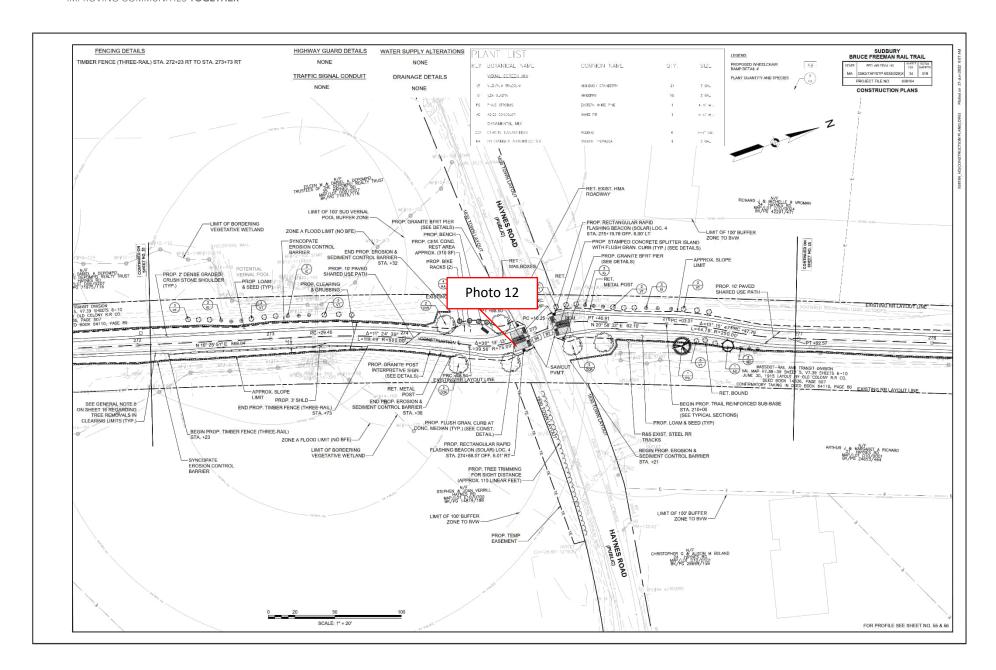


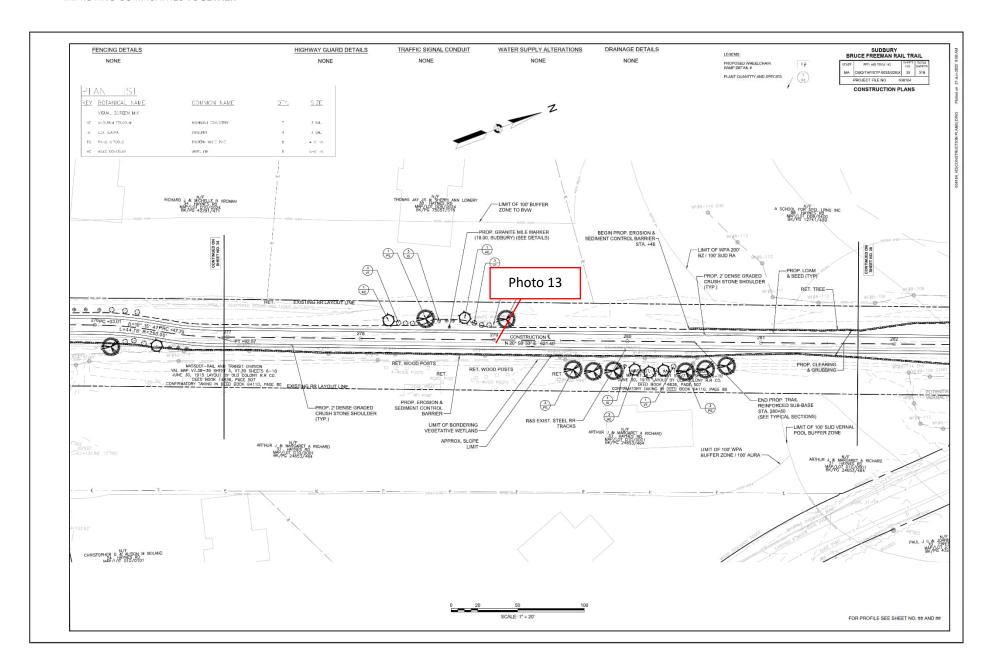


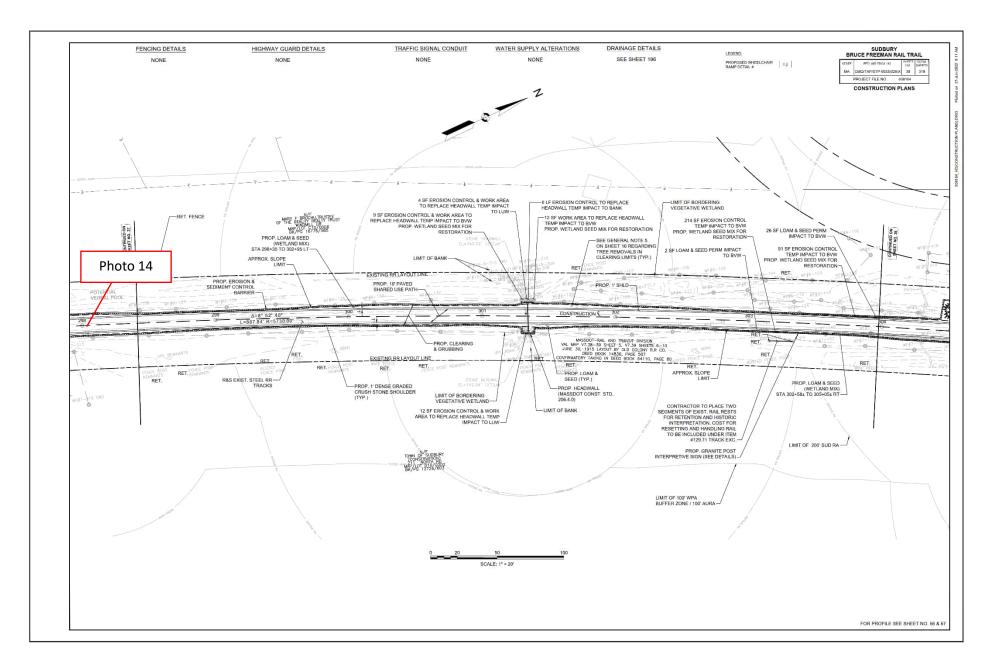


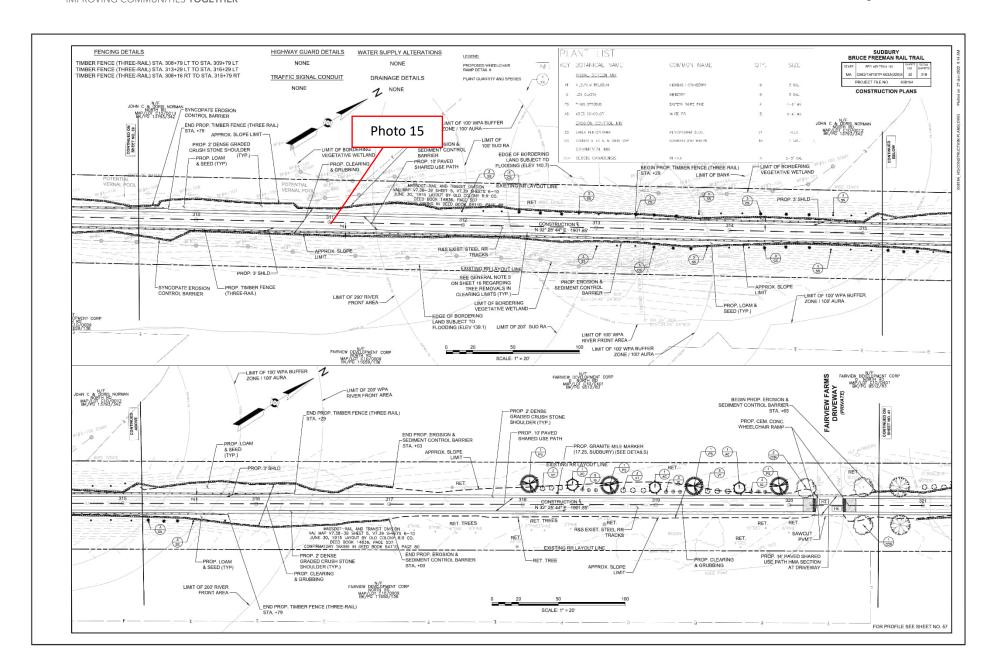


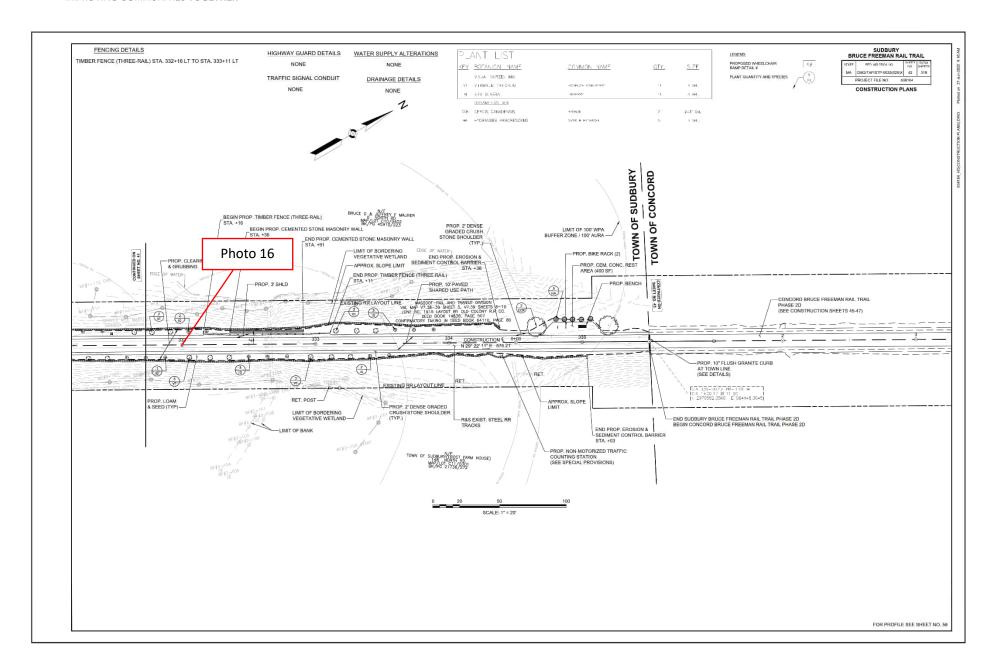














Site Location

Bruce Freeman Rail Trail Right-of-Way

BETA Project No. 24.10326.23

Photo No. 1

Date: 4/7/2025

Direction Photo Taken:

Toward the North

Description:

View of the location of the overtopped compost filter tube and exposed soils beyond the limits of work at Station 105+00 per Compliance Action Item 43.



Photo D

Date: 4/7/2025

Direction Photo Taken:

Toward the North

Description:

View of garlic mustard sprouting in an area of exposed soil at Station 137+00 per Long Term Compliance Action Item 61 and 59. Note invasive and non-native species were observed throughout the path.





Site Location Bruce Freeman Rail Trail Right-of-Way

BETA Project No. 24.10326.23

Photo Da

Date: 4/7/2025

Direction Photo Taken:

Toward the South

Description:

View of the location of exposed soil at Station 166+00 that requires stabilization per Long Term Compliance Action item 59.



Photo No. 4

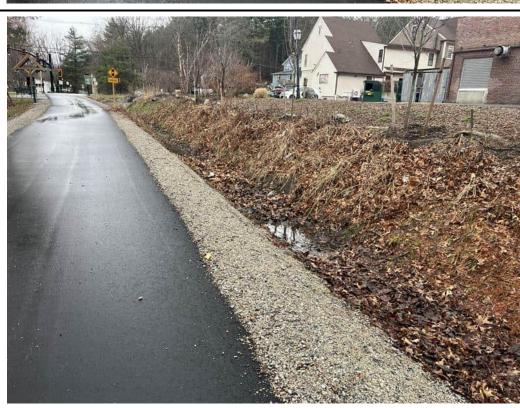
Date: 4/7/2025

Direction Photo Taken:

Toward the Southwest

Description:

View of the location where crushed stone is present in the swale at Station 173+00 per Compliance Action Item 53.





Site Location

Bruce Freeman Rail Trail Right-of-Way

BETA Project No. 24.10326.23

Photo Dat

Date: 4/7/2025

Direction Photo Taken:

Toward the South

Description:

View of a location where crushed stone has migrated on to and off of the path at Station 181+00 per Compliance Action Item 58.



Photo No. 6 **Date:** 4/7/2025

Direction Photo Taken:

Toward the South

Description:

View of the location where the stream bank has been regraded beyond the limits of work and the newly installed stone around the culvert at Station 215+75 per Long Term Compliance Action Items 41 and 62. Note soils along the Bank require stabilization.





Site Location

Bruce Freeman Rail Trail Right-of-Way

BETA Project No. 24.10326.23

Photo No. 7 **Date:** 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of exposed soils requiring stabilization at Station 216+00 per Compliance Action Item 62.



Photo No. 8 **Date:** 4/7/2025

Direction Photo Taken:

Toward the South

Description:

View of exposed soils requiring stabilization at Station 217+25 per Long Term Compliance Action item 62.





Site Location

Bruce Freeman Rail Trail Right-of-Way

BETA Project No. 24.10326.23

Photo No. 9

Date: 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of the location where stabilization is required at Station 224+00 per **Compliance Action** Item 32.



Photo

Date: **No. 10** 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of the Bank of Pantry Brook that has been hydroseeded but is not considered stabilized at Station 264+50 per Long **Term Compliance** Action Item 59.





Site Location

Bruce Freeman Rail Trail Right-of-Way

BETA Project No. 24.10326.23

Photo No. 11 Date: 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of exposed soils requiring stabilization at Station 269+00 per **Compliance Action** Item 47.



Photo Date:

No. 12 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of the Haynes Road intersection at Station 275+00 that required stabilization per Long Term **Compliance Action** Item 59.





Site Location

Bruce Freeman Rail Trail Right-of-Way

BETA Project No. 24.10326.23

Photo No. 13

Date: 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of a location where crushed stone has migrated off of the path at Station 279+00 per **Compliance Action** Item 58.



Photo

Date: **No. 14** 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of exposed soil that requires stabilization at Station 298+00 per Long Term **Compliance Action** Item 59.





Site Location

Bruce Freeman Rail Trail Right-of-Way

BETA Project No. 24.10326.23

Photo D No. 15 4

Date: 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of the location of placed loam that requires stabilization at Station 311+50 per Long Term Compliance Action Item 59.



Photo Date: No. 16 4/7/2025

Direction Photo Taken:

Toward the West

Description:

View of the location of the riprap slope that extends beyond the limit of work along the WF1 Series wetland and exposed soil requiring stabilization at Station 332+00 per Long Term Compliance Action Item 42 and 59.

