

DEPARTMENT OF THE ARMY US ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT 696 VIRGINIA ROAD CONCORD MA 01742-2751

November 24, 2023

Regulatory Division File Number: NAE-2023-00449

NH Dept. of Transportation NHDOT No. 13761F Attn: Andrew O'Sullivan P.O. Box 483 Concord, NH 03302 Sent by email: <u>Andrew.Osullivan@dot.nh.gov</u>

Dear Mr. O'Sullivan:

The U.S. Army Corps of Engineers (USACE) has reviewed your application to perform work as described on the enclosed New Hampshire State Permit No. 2022-03264, dated "March 3, 2023". This project is located on the F.E. Everett Turnpike in Merrimack, New Hampshire. The work is shown on the enclosed plans titled Wetlands plans for NHDOT NH Project No. 13761E, F.E. Everett Turnpike Corridor Widening Project (Merrimack) Towns of Nashua-Merrimack-Bedford, in 19 sheets, dated November 4, 2022.

Based on the information that you provided to the New Hampshire Wetlands Bureau, we verify that this work is authorized under General Permit # 2 of the enclosed September 29, 2022 federal permits known as the New Hampshire General Permits (GPs). The GPs are also available at: <u>https://www.nae.usace.army.mil/Missions/Regulatory/State-General-Permits</u>

Please review the enclosed GPs carefully, in particular the general conditions beginning on page 36, and ensure that you and all personnel performing work authorized by the GPs are fully aware of and comply with its terms and conditions. A copy of the GPs and this verification letter shall be available at the work site as required .by General Condition 17. You must perform this work in compliance with the following special condition(s):

1. Compensatory mitigation shall consist of purchasing 0.238 credits for impacts to PFO, PSS and PEM resource areas and 120 stream credits for impacts to R2UB and R4SB resources from the State of New Hampshire Aquatic Resource Mitigation Fund (ARM FUND) in the Merrimack River Service Area. No discharge authorized by this permit may be conducted until the receipt of payment has been received from the New Hampshire Aquatic Resource Mitigation Fund.

2. You must complete and return the enclosed Work Start Notification Form to this office at least two weeks before the anticipated start date. You must complete and return the enclosed Compliance Certification Form within one month following the completion of the authorized work.

This authorization expires on September 29, 2027. You must commence or have under contract to commence the work authorized herein by September 29, 2027, and complete the

work by September 29, 2028. If not, you must contact this office to determine the need for further authorization and we recommend you contact us *before* the work authorized herein expires. Please contact us immediately if you change the plans or construction methods for work within our jurisdiction as we must approve any changes before you undertake them. Performing work within our jurisdiction that is not specifically authorized by this determination or failing to comply with the special condition(s) provided above or all the terms and conditions of the GPs may subject you to the enforcement provisions of our regulations.

This authorization does not obviate the need to obtain other federal, state or local authorizations required by law, including those listed in the GPs. Applicants are responsible for applying for and obtaining any other approvals.

We continually strive to improve our customer service. To better serve you, we would appreciate your completing our Customer Service Survey located at <a href="https://regulatory.ops.usace.army.mil/customer-service-survey">https://regulatory.ops.usace.army.mil/customer-service-survey</a>.

Please contact Michael Hicks of my staff at (978) 318-8157 or michael.c.hicks@usace.army.mil if you have any questions.

Sincerely,

For: Frank J. Del Giudice Chief, NH & VT Section Regulatory Division

Enclosures cc:

Jean Brochi, U.S. EPA, Region 1, Boston, MA; brochi.jean@epa.gov

David Simmons, USFWS, New England Field Office, Concord, NH; david simmons@fws.gov

Darlene Forst, NH DES; darlene.forst@des.nh.gov

Mary Ann Tilton, NHDES; maryann.tilton@des.nh.gov

Rumi Shrestha, NHDES; Rumi.Shrestha@des.nh.gov

Brandy Holmes, NHDES; <u>Brandy.L.Holmes@des.nh.gov</u>

Wendy A. Johnson, NHDOT; <u>Wendy.A.Johnson@dot.nh.gov</u>

Christine J. Perron, McFarland Johnson; <u>CPerron@mjinc.com</u>



The State of New Hampshire
Department of Environmental Services

# **Robert R. Scott, Commissioner**



# WETLANDS AND NON-SITE SPECIFIC PERMIT 2022-03264

**NOTE CONDITIONS** 

PERMITTEE: NH DEPT OF TRANSPORTATION 7 HAZEN DR CONCORD NH 03302

PROJECT LOCATION:	F. E. EVERETTE TNPK ROW, MERRIMACK TAX MAP #ROW, LOT #ROW
WATERBODY:	DUMPLING BROOK

APPROVAL DATE: MARCH 03, 2023

**EXPIRATION DATE: MARCH 03, 2028** 

Based upon review of permit application 2022-03264 in accordance with RSA 482-A and RSA 485-A:17, the New Hampshire Department of Environmental Services (NHDES) hereby issues this Wetlands and Non-Site Specific Permit. To validate this Permit, signatures of the Permittee and the Principal Contractor are required.

# **PERMIT DESCRIPTION:**

Dredge and fill a total of 17,611 square feet (SF) of palustrine and riverine wetlands for NHDOT Project 13761E to perform widening of the roadway from two to three lanes in each direction with the addition of a northbound and southbound travel lane. The project also includes stormwater and drainage improvements including replacement of a 36-inch culvert carrying Dumpling Brook under the Turnpike. The proposed project will require 12,251 SF of permanent impacts and 5,360 SF of temporary impacts to palustrine wetlands and 290 linear feet (including 170 LF of temporary impacts) of stream channel associated with the roadway widening and required grading. Compensatory mitigation includes a one-time payment of \$115,392.53 dollars into the Aquatic Resource Mitigation Fund ("ARM") for the Merrimack River Service Area.

# THIS PERMIT IS SUBJECT TO THE FOLLOWING PROJECT-SPECIFIC CONDITIONS:

- In accordance with Env-Wt 307.16, all work shall be done in accordance with the Wetlands plans for NHDOT NH Project No. 13761E, F.E. Everett Turnpike Corridor Widening Project (Merrimack) Towns of Nashua-Merrimack-Bedford dated November 4, 2022, as received by the Department on November 23, 2022, and Dumpling Brook Alignment and Profile plans dated January 18-19, 2023 as received by the Department on January 25, 2023.
- 2. The issuance of this permit is contingent on submittal of a check in the amount of \$115,392.53 to the Aquatic Resource Mitigation Fund by the applicant as calculated per Env-Wt 803.07 and RSA 482-A:30.
- 3. In accordance with Env-Wt 807.01(b), the payment shall be received by NHDES within 120 days from the approval decision or NHDES will deny the application.
- 4. In accordance with Env-Wt 527.05(a) In addition to complying with all applicable conditions in Env-Wt 307, the permit shall be contingent on review and approval by the department of final stream diversion and erosion control plans that detail the timing and method of stream flow diversion during construction and show temporary siltation, erosion, and turbidity control measures to be implemented.
- 5. In accordance with Env-Wt 314.03, (a) The permittee shall notify the department in writing at least one week prior to commencing any work under the permit.

File # 2022-03264 June 8, 2023 Page 2 of 4

- All work shall be performed in accordance with the approved Soil and Groundwater Management Plan for Merrimack-F.E. Everett Turnpike (FEET) 13761E Nashua-Merrimack-Bedford Project, DES Site #202004008, Project #39601.
- The Contractor shall be made aware of the potential to encounter rare species and shall follow contract documents requirements detailing the reporting of observations to New Hampshire Fish & Game. All observations of rare, threatened, or endangered species must be immediately reported to the NHFG Department (Melissa Doperalski 603-479-1129 cell or Brendan Clifford 603-944-0885).
- Work operations shall be completed in accordance with the rare plant transplanting plan for NHDOT Nashua-Merrimack-Bedford 13761E (NHB21-1748) approved by the Natural Heritage Bureau (by email) on February 22, 2023.
- 9. In accordance with Env-Wt 307.10(g), subject to Env-Wt 307.10(h), in non-tidal waters, no dredging shall occur between October 1 and March 31 for any fish migration or larval settling area of cold-water fish.
- 10. In accordance with Env-Wt 307.03(c)(2), water quality control measures shall be comprised of wildlife-friendly erosion control materials.
- 11. In accordance with Env-Wt 527.05(b), The contractor responsible for completion of the work shall use techniques described in Env-Wq 1504.06, Env-Wq 1504.16, Env-Wq 1505.02, Env-Wq 1506, and Env-Wq 1508.
- 12. In accordance with Env-Wt 307.03(a), no activity shall be conducted in such a way as to cause or contribute to any violation of surface water quality standards specified in RSA 485-A:8 or Env-Wq 1700; ambient groundwater quality standards established under RSA 485-C; limitations on activities in a sanitary protective area established under Env-Dw 302.10 or Env-Dw 305.10; or any provision of RSA 485-A, Env-Wq 1000, RSA 483-B, or Env-Wq 1400 that protects water quality.
- 13. In accordance with Env-Wt 307.11(g), authorized temporary fill other than swamp mats, construction mats, and corduroy shall be placed on geotextile fabric laid on preconstruction wetland grade.
- 14. All work shall be conducted and maintained in in compliance with the water quality protection conditions specified in Rule Env-Wt 307.03(a) through (h).
- 15. In accordance with Env-Wt 307.03(c)(4), water quality control measures shall be capable of minimizing erosion; collecting sediment and suspended and floating materials; and filtering fine sediment.
- 16. In accordance with Env-Wt 307.03(c)(3), water quality control measures shall be installed prior to start of work and in accordance with the manufacturer's recommended specifications or, if none, the applicable requirements of Env-Wq 1506 or Env-Wq 1508.
- 17. In accordance with Env-Wt 307.03(c)(5), water quality control measures shall be maintained so as to ensure continued effectiveness in minimizing erosion and retaining sediment on-site during and after construction.
- 18. In accordance with Env-Wt 307.03(c)(6), water quality control measures shall remain in place until all disturbed surfaces are stabilized to a condition in which soils on the site will not experience accelerated or unnatural erosion by achieving and maintaining a minimum of 85% vegetative cover using an erosion control seed mix, whether applied in a blanket or otherwise, that is certified by its manufacturer as not containing any invasive species; or placing and maintaining a minimum of 3 inches of non-erosive material such as stone.
- 19. In accordance with Env-Wt 307.03(d), any sediment collected by water quality control measures shall be removed with sufficient frequency to prevent the discharge of sediment; and placed in an upland location in a manner that prevents its erosion into a surface water or wetland.
- 20. In accordance with Env-Wt 307.03(c)(7), temporary water quality control methods shall be removed upon completion of work when compliance with Env-Wt 307.03(c)(6) is achieved.
- 21. In accordance with Env-Wt 307.03(h), equipment shall be staged and refueled outside of jurisdictional areas (unless allowed) and in accordance with Env-Wt 307.15.
- 22. In accordance with Env-Wt 307.05(e), to prevent the use of soil or seed stock containing nuisance or invasive species, the contractor responsible for work shall follow Best Management Practices for the Control of Invasive and Noxious Plant Species (Invasive Plant BMPs).
- 23. Restoration of all temporary impacts shall meet all of the conditions listed in Rule Env-Wt 307.12(a) through (i).

File # 2022-03264 June 8, 2023 Page 3 of 4

- 24. In accordance with Env-Wt 307.12(f), if any temporary impact area that is stabilized with seeding or plantings does not have at least 75% successful establishment of wetlands vegetation after 2 growing seasons, the area shall be replanted or reseeded, as applicable.
- 25. In accordance with Env-Wt 307.12(i), wetland areas where permanent impacts are not authorized shall be restored to their pre-impact conditions and elevation by replacing the removed soil and vegetation in their pre-construction location and elevation such that post-construction soil layering and vegetation schemes are as close as practicable to pre-construction conditions.
- 26. In accordance with Env-Wt 307.12(a), within 3 days of final grading or temporary suspension of work in an area that is in or adjacent to surface waters, all exposed soil areas shall be stabilized by seeding and mulching, if during the growing season; or mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1 if not within the growing season.
- 27. In accordance with Env-Wt 307.12(f), if any temporary impact area that is stabilized with seeding or plantings does not have at least 75% successful establishment of wetlands vegetation after 2 growing seasons, the area shall be replanted or reseeded, as applicable.
- 28. In accordance with Env-Wt 307.03(g)(1), the person in charge of construction equipment shall inspect such equipment for leaking fuel, oil, and hydraulic fluid each day prior to entering surface waters or wetlands or operating in an area where such fluids could reach groundwater, surface waters, or wetlands.
- 29. In accordance with Env-Wt 307.03(g)(2), the person in charge of construction equipment shall repair any leaks prior to using the equipment in an area where such fluids could reach groundwater, surface waters, or wetlands.
- 30. In accordance with Env-Wt 307.03(g)(3) and (4), the person in charge of construction equipment shall maintain oil spill kits and diesel fuel spill kits, as applicable to the type(s) and amount(s) of oil and diesel fuel used, on site so as to be readily accessible at all times during construction; and train each equipment operator in the use of the spill kits.
- 31. In accordance with Env-Wt 307.03(e), all exposed soils and other fills shall be permanently stabilized within 3 days following final grading.
- 32. In accordance with Env-Wt 307.18(c), within 60 days of completion of construction, the applicant shall submit to the department a report that describes the monitoring conducted and date(s) of inspections, and includes photos showing the extent of jurisdictional impacts, areas of restoration, and progress of any plantings shall be submitted to the department.

# THIS PERMIT IS SUBJECT TO THE FOLLOWING GENERAL CONDITIONS:

- 1. Pursuant to RSA 482-A:12, a copy of this permit shall be posted in a secure manner in a prominent place at the site of the approved project.
- 2. In accordance with Env-Wt 313.01(a)(5), and as required by RSA 482-A:11, II, work shall not infringe on the property rights or unreasonably affect the value or enjoyment of property of abutting owners.
- 3. In accordance with Env-Wt 314.01, a standard permit shall be signed by the permittee, and the principal contractor who will build or install the project prior to start of construction, and will not be valid until signed.
- 4. In accordance with Env-Wt 314.03(a), the permittee shall notify the department in writing at least one week prior to commencing any work under this permit.
- 5. In accordance with Env-Wt 314.08(a), the permittee shall file a completed notice of completion of work and certificate of compliance with the department within 10 working days of completing the work authorized by this permit.
- 6. In accordance with Env-Wt 314.06, transfer of this permit to a new owner shall require notification to, and approval of, the NHDES.
- 7. The permit holder shall ensure that work is done in a way that protects water quality per Env-Wt 307.03; protects fisheries and breeding areas per Env-Wt 307.04; protects against invasive species per Env-Wt 307.05; meets dredging activity conditions in Env-Wt 307.10; and meets filling activity conditions in Env-Wt 307.11.

File # 2022-03264 June 8, 2023 Page 4 of 4

- 8. This project has been screened for potential impact to known occurrences of protected species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or only cursory surveys have been performed, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species. This permit does not authorize in any way the take of threatened or endangered species, as defined by RSA 212-A:2, or of any protected species or exemplary natural communities, as defined in RSA 217-A:3.
- 9. In accordance with Env-Wt 307.06(a) through (c), no activity shall jeopardize the continued existence of a threatened or endangered species, a species proposed for listing as threatened or endangered, or a designated or proposed critical habitat under the Federal Endangered Species Act, 16 U.S.C. §1531 et seq.; State Endangered Species Conservation Act, RSA 212-A; or New Hampshire Native Plant Protection Act, RSA 217-A.
- 10. In accordance with Env-Wt 307.02, and in accordance with federal requirements, all work in areas under the jurisdiction of the U.S. Army Corps of Engineers (USACE) shall comply with all conditions of the applicable state general permit.

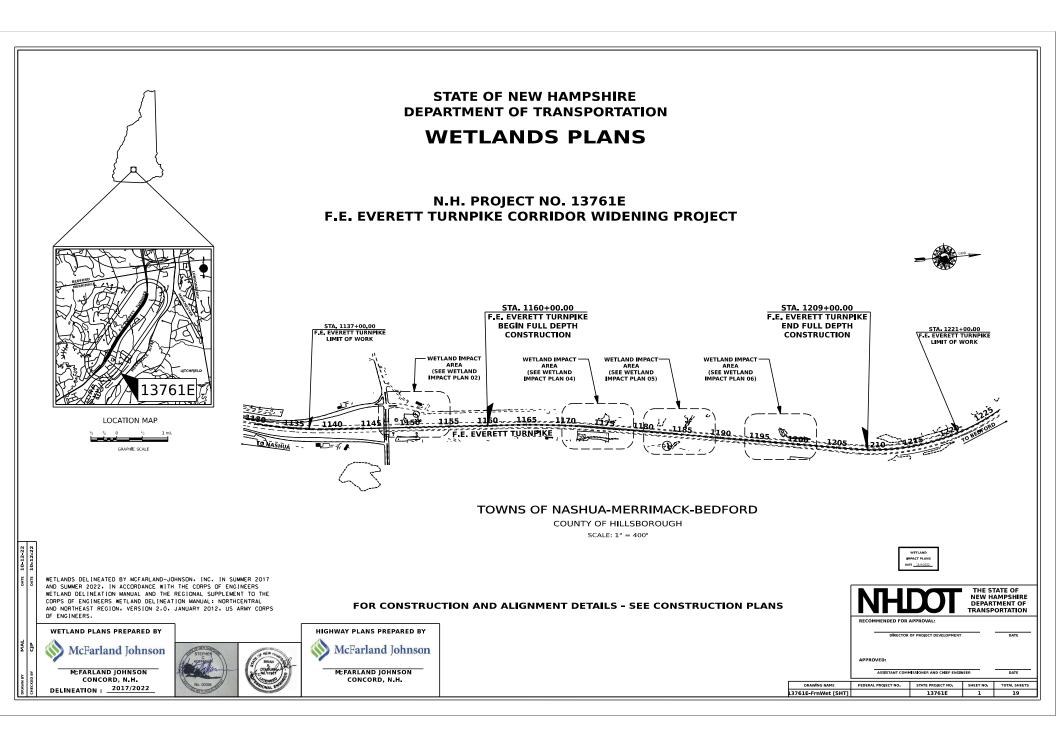
APPROVED:

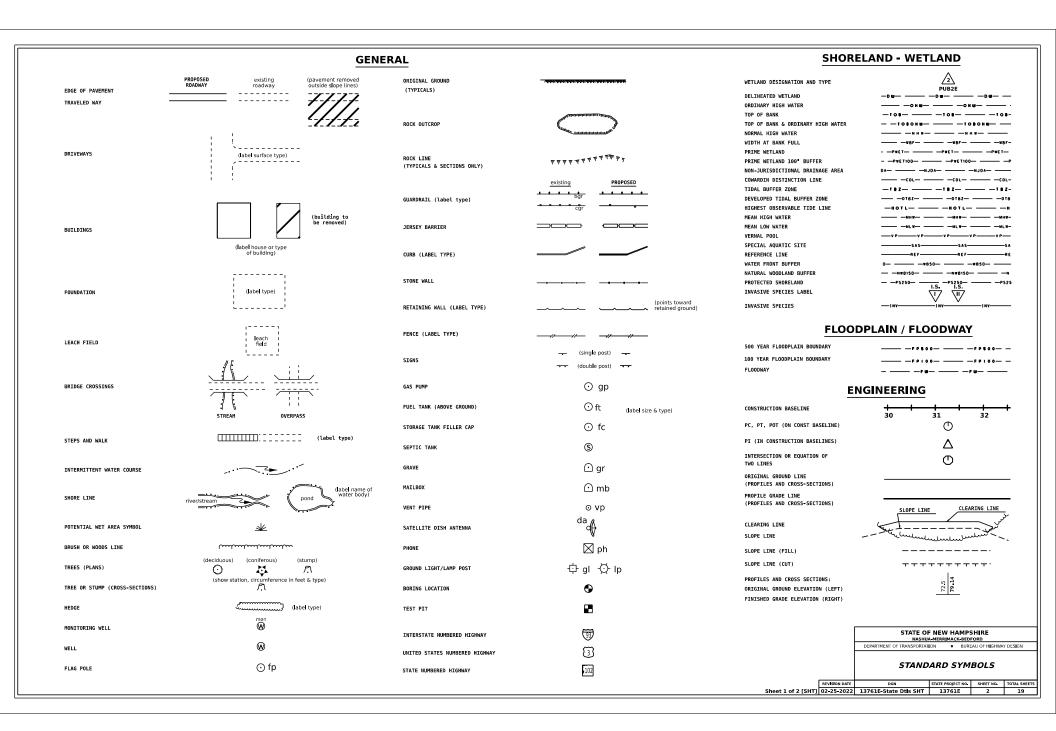
Karl D. Benedict Public Works Supervisor, Wetlands Bureau Land Resources Management, Water Division

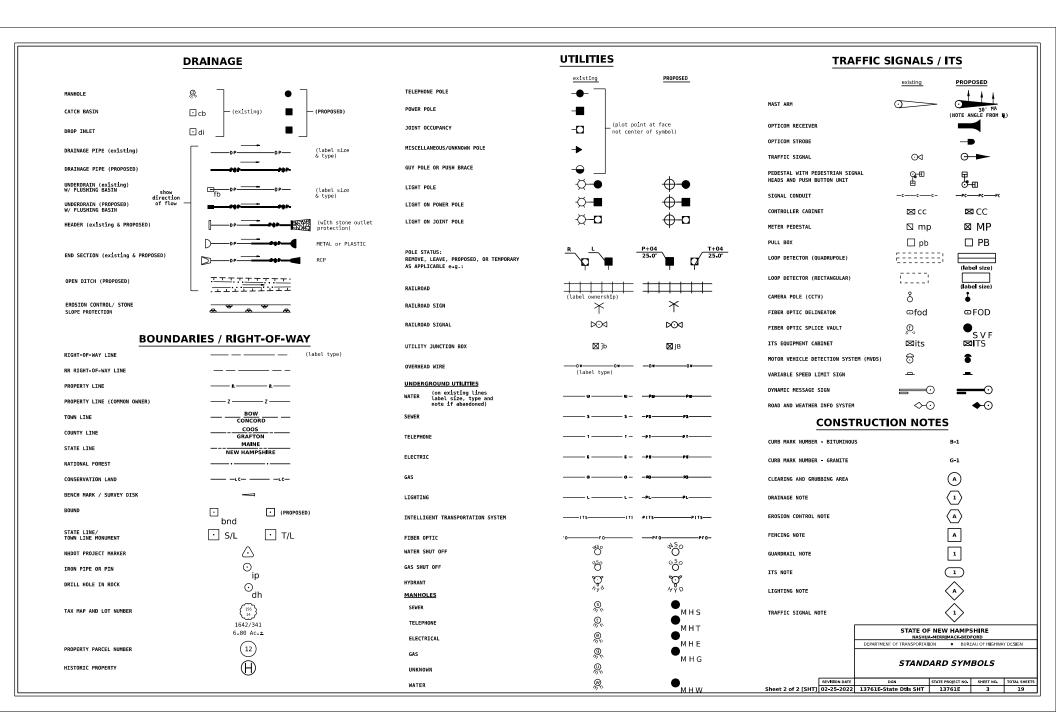
# THE SIGNATURES BELOW ARE REQUIRED TO VALIDATE THIS PERMIT (Env-Wt 314.01).

PERMITTEE SIGNATURE (required)

PRINCIPAL CONTRACTOR SIGNATURE (required)







WETLAND IMPACT SUMMARY													
				AREA IMPACTS					8	LINEAR STREAM IMPACTS FOR MITIGATION			
	WETLAND			PERMA	NENT						PERMANENT		
WETLAND NUMBER	CLASS- IFICATION	LOCATION	N.H.V (NON-WE				BANK LEFT	BANK RIGHT	CHANNEL				
			SF	LF	SF	LF	SF	LF	1	LF	LF	LF	
1	PSS1E	A			3633		688		1				
2	PF01E	В			1551								
3	PF01E	С			4650		270		1				
4	PF01E	D			470		215		1				
6	R2UB2	E					3465	146	$/\!\!/$				
6	R2UB2	F			143	13			糽			13	
6	R2UB2	G			1507	80	597	19	$\langle \! \Lambda \!$			80	
8	PEM1E	н			91		95		$\mathbb{X}$				
5	R4SB4J	J			206	27	30	5	$\langle \! \Lambda \!$			27	
			///////		//////								
		TOTAL	1		12,251	120	5,360	170	1			120	

PERMANENT IMPACTS: 12,251 SF TEMPORARY IMPACTS: 5,360 SF

TOTAL IMPACTS: 17,611 SF

DATE1 DATE2 DATE3 DATE DATE DATE

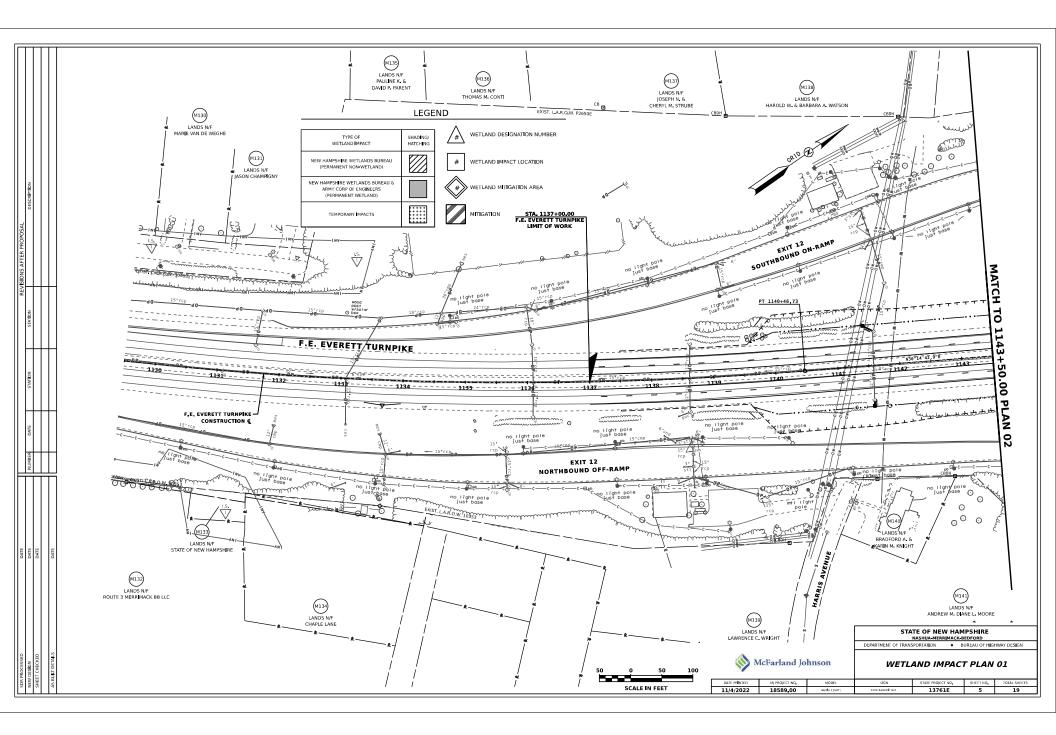
	WETLAND CLASSIFICATION CODES		
PSS1E	PALUSTRINE, SCRUB-SHRUB, BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED		
PFO1E	PALUSTRINE, FORESTED, BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED		
R4SBAJ	RIVERINE, INTERMITTENT, STREAMBED, SAND, INTERMITTENTLY FLOODED		
R2UB2	RIVERINE, LOWER PERENNIAL, UNCONSOLIDATED BOTTOM, SAND		
PEM1E	PALUSTRINE, EMERGENT, PERSISTENT, SEASONALLY FLOODED/SATURATED		
PFO1/4	PALUSTRINE, FORESTED, BROAD-LEAVED DECIDUOUS/NEEDLE-LEAVED EVERGREEN		STATE OF NE
	McF	arland Johnson	DEPARTMENT OF TRANSPORTATION
			WEILAND IMPACT

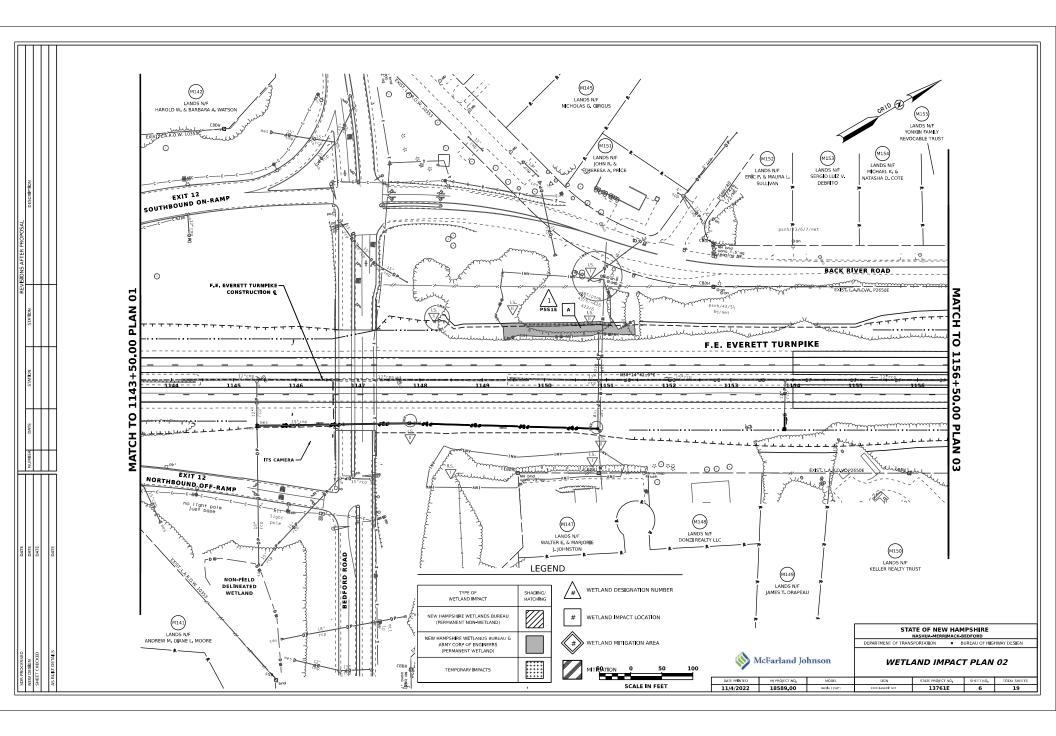
NEW HAMPSHIRE MERRIMACK-BEDFORD ION • BUREAU OF ENVIRONMENT

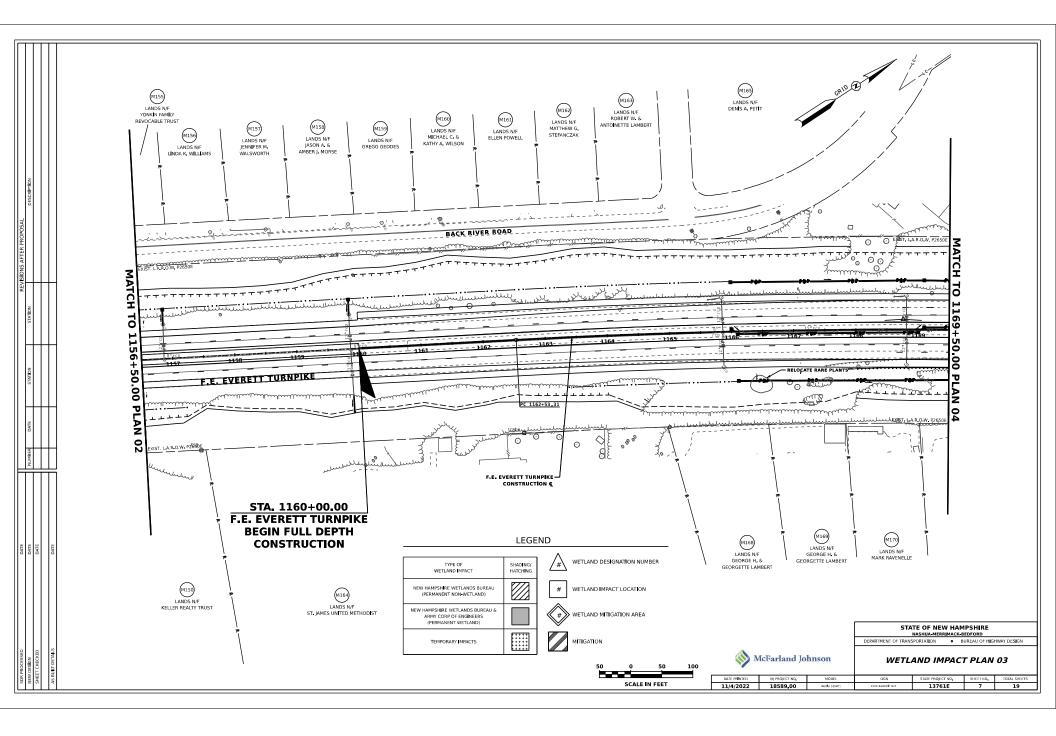
T SUMMARY SHEET

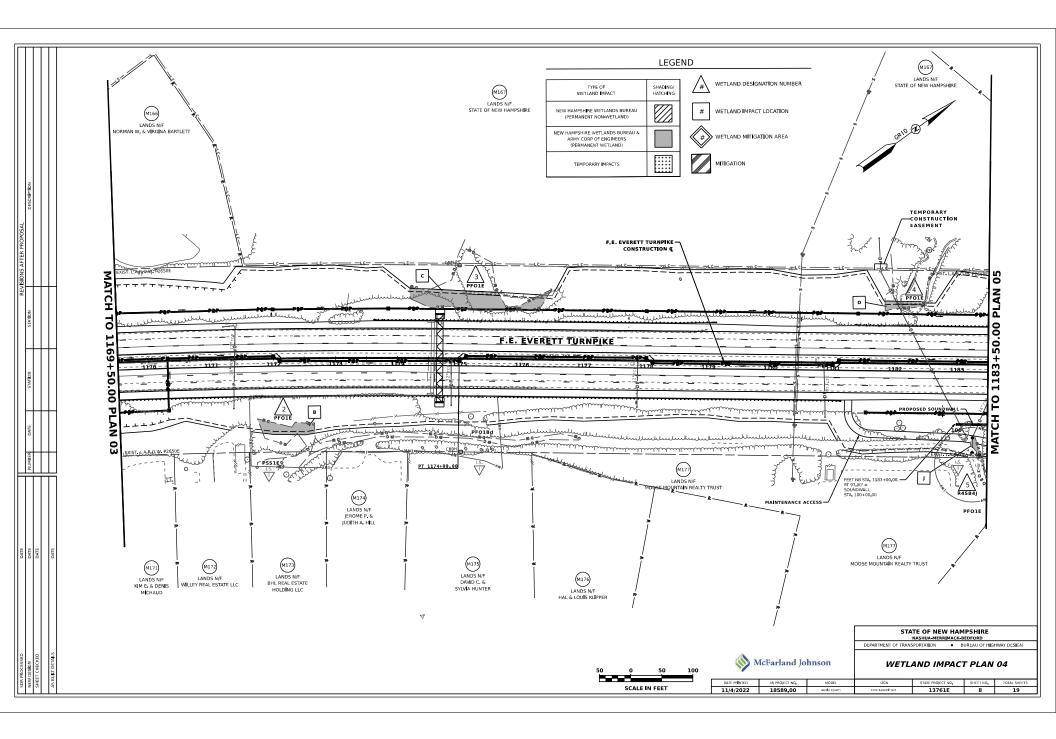
 DGN
 STATE PROJECT NO.
 SHEET NO.
 TOTAL SHEETS

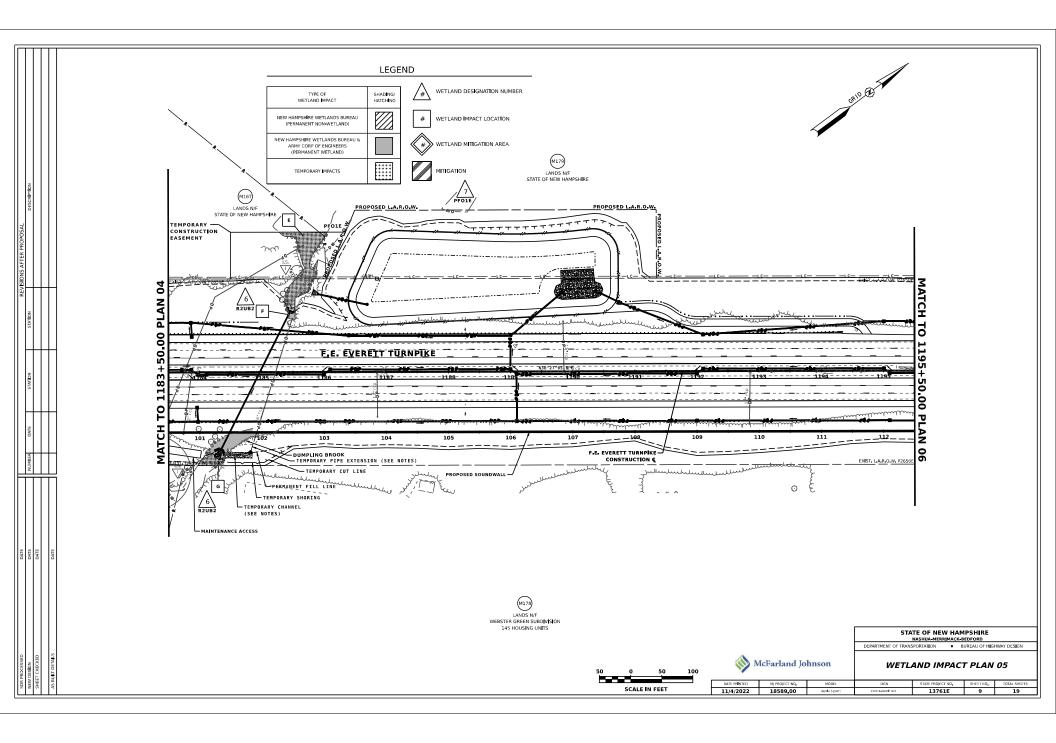
 WetSum [SHT]
 13761E-Wet\_Sum SHT
 13761E
 4
 19

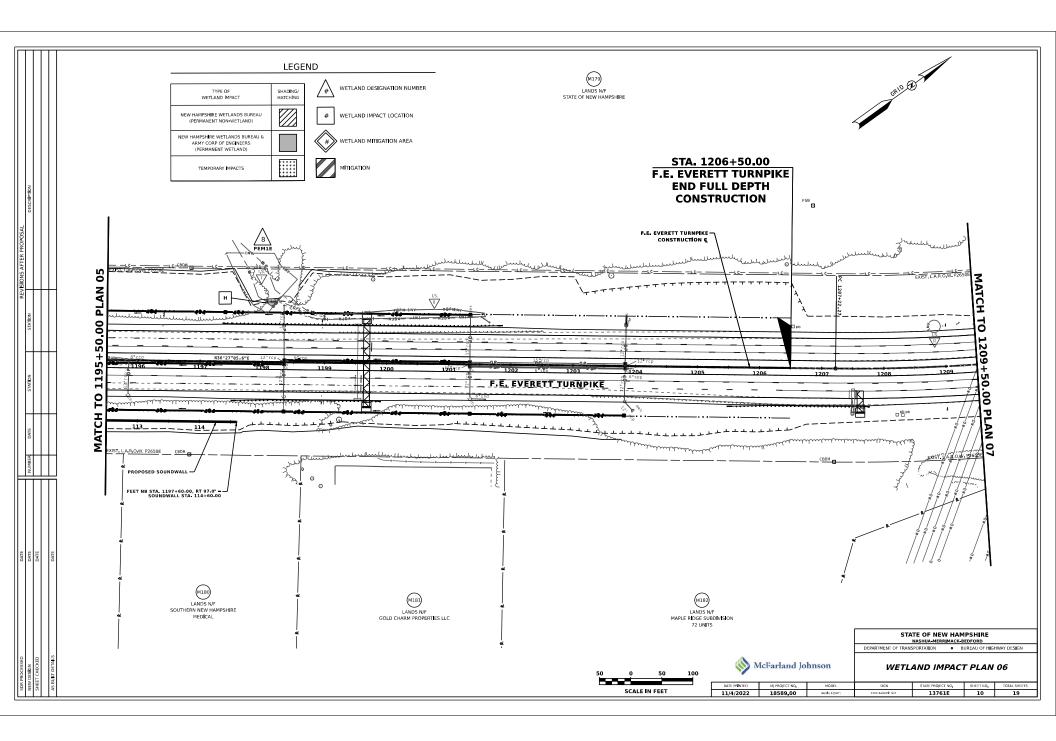


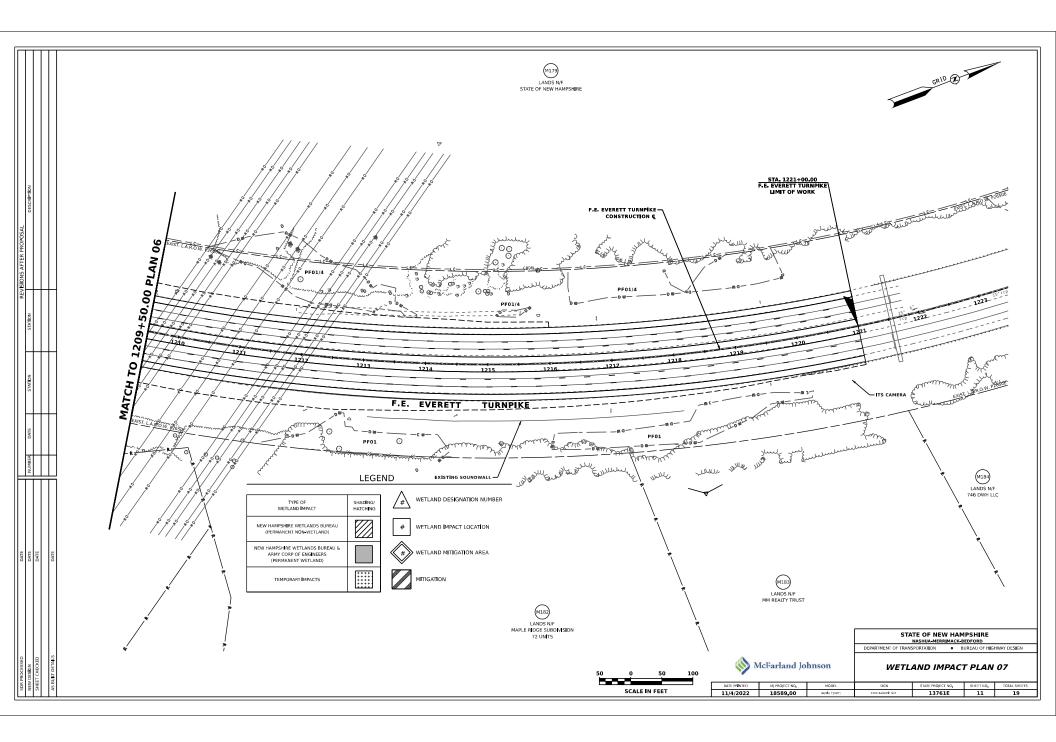












## **EROSION CONTROL STRATEGIES**

- 1. ENVIRONMENTAL COMMITMENTS:
  - 1.1. THESE GUIDELINES DO NOT RELEVE THE CONTRACTOR FROM COMPLIANCE WITH ANY CONTRACT PROVISIONS, OR APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS,
- 1.1 THESE GUIDELITES DO NOT RELIEVE THE CONTRACTOR FORM COMPLIANCE WITH ANY CONTRACT PROVISIONS, OR APPLICABLE FEBERAL, SIATE, AND LOCAL REGULATIONS. 1.2. THIS ROBOLET WILL BE SUBMET TO THE USE PART SHATTONLA POLLUTIAN DISCARGE ENLINATION SYSTEM (MPOSS) STORM MATE RUDSTALLED AND ADDITIONS ADD
- HTTP://DES.NH.GOV/ORGANIZATION/COMMISSIONER/LEGAL/RULES/INDEX.HTM)
- 1.6. THE CONTRACTOR IS DIRECTED TO REVIEW AND COMPLY WITH SECTION 107.1 OF THE CONTRACT AS IT REFERS TO SPILLAGE, AND ALSO WITH REGARDS TO EROSION, POLLUTION, AND TURBIDITY PRECAULTIONS

## 2. STANDARD EROSION CONTROL SEQUENCING APPLICABLE TO ALL CONSTRUCTION PROJECTS:

- JAMAME DUGADAM CONTROL SAUGURANA MATLEDGUE I ALL DIGUIDAULTAN TANDI ACTIVITES. PERIMETER CONTROLS AND STABILIZED CONSTRUCTION EXITS SHALL BE INSTALLED AS SHOWN IN THE BMP MAMAAL AND AS DIRECTED BY THE STORMARTER POLUTION REVENTION FLAN (SMMPP) PERPARER. 2.2. EROSION, SEDIMENTATION CONTROL MESANERS AND INTERIVATION FLAN (SMMPP) ALL CALMED, REPLACED AND AUGMENTED AS NECESSARY TO PREVENT SEDIMENTATION DEVIND MERITARION BASINES SMALL BE CLARED, REPLACED AND AUGMENTED AS NECESSARY TO PREVENT SEDIMENTATION DEVIND PROJECT LIMITS
- 2.2. ENGINE AND SECTION FOR THE READERS AND INFITIATION DESING STALE OF CLEMED, REPLACED AND ADDRETED AS RECESSANT OF REFERENCESSANT OF RE

- 2.3. EMOSION AND SEDIENT CONTROL RESURES SHALL BE INSERTED IN ACCOMMANCE WITH THE CONSTRUCT CONSTRUCTIONE CONSTRUCTS STALE IF ON OF THE FOLLOWING MASS OCCURRED; (A) ANSIE COURSE GAVELS HAVE BEEN INITALLED IN AREAS TO BE PAVED; (B) A RITHMA OF BS.VECHTED GROWTH MASS BEEN ESTABLISHED; (C) A RITHMAN OF BS.VECHTED GROWTH MASS BEEN ESTABLISHED; (C) A RITHMAN OF BS.VECHTED GROWTH MASS BEEN ESTABLISHED; (C) A RITHMAN OF BS.VECHTED GROWTH MASS BEEN ESTABLISHED; (C) A RITHMAN OF BS.VECHTED GROWTH MASS TO BEEN ESTABLISHED; (C) HEMPORY SLOPE STABLIZIATION CONFORMING TO TABLE I AND BEEN RIGHTY INSTALLED; (D) TEMPORY SLOPE STABLIZIATION CONFORMING TO TABLE IN BEEN RIGHTY INSTALLED;

- (D) THPPORARY SLOPE STABLIZITION CONFORTING TO TABLE 1 HAS BEEN ROOPENLY HISTALLED 25. ALL STOCHYLES SMALL EG CONTAINED MITA PERMETER CONTRACI. IT THE STOCHYLE IS TO REMAIN UNDISTUBBED FOR MORE THAN 14 DAYS, MULCHIM WILL BE REQUIRED. 2.6. A WATER TRUCK SMALL BE ANTLABLE TO CONTROL EXCESSIVE OUST AT THE DIRECTION OF THE CONTRACT ADMINISTRATORY 2.7. THPMORARY FOR THE STORY AND THE RETREEN NOVEMER 30 AND MAY 1 OF ANY YEAR SMALL BE CONSIDERED WITHER CONSTRUCTION PERFORMED ANY THE BETHEEN NOVEMER 30 AND MAY 1 OF ANY YEAR SMALL BE CONSIDERED WITHER CONSED VECTORING THAN DATE TO THE FOLLOWING REQUIREMENTS. (A) ALL PROVIDENCES VECTORING AND EASES STICKIL AND THE SHIELD AND THE STABLIZED IN THE CONSED VECTORING AND SAALL CONFORM TO THE FOLLOWING REQUIREMENTS. (A) ALL PROVIDENCES VECTORING AND RATS STICKIL DE STABLIZED THIT DE STORY THE STABLIZED THE STORY AND THE STABLIZED THE STABLIZED THE STABLIZED THE STORY AND THE STABLIZED THE STABLIZED THE STORY AND THE STABLIZED THE STABLIZED THE STABLIZED THE STORY AND THE STABLIZED THE STA ACCOMDANCE WITH TABLE 1. (6) ALL DITCHES OR SWALLES WHICH OD NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15", OR WHICH ARE DISTURBED AFTER OCTOBER 15", SHALL BE STABILIZED TEMPORARILY WITH
- STONE OR IN ACCORDANCE WITH TABLE 1. STONE OF IN ACCURDANCE WITH TABLE 1. (C) AFTER NOVEMBER 30" INCOMPLETE ROAD SURFACES, WHERE WORK HAS STOPPED FOR THE SEASON, SHALL BE PROTECTED IN ACCORDANCE WITH TABLE 1.

## GENERAL CONSTRUCTION PLANNING AND SELECTION OF STRATEGIES TO CONTROL EROSION AND SEDIMENT ON HIGHWAY CONSTRUCTION PROJECTS

## 3. PLAN ACTIVITIES TO ACCOUNT FOR SENSITIVE SITE CONDITIONS:

- 1. CLEARLY FIG AREAS TO BE PROTECTED IN THE FIFTI AND PROVIDE CONSTRUCTION RARRIERS TO PREVENT TRAFFICKING OUTSTDE OF WORK AREAS.

- LICHARY FLAG AREAS TO BE PROTECTED IN THE FLED AND PROVIDE CONSTRUCTION BARRIENS TO PREVENT TRAFFICURG OUTSIDE OF WORK AREAS.
   CONSTRUCTION SKALL BE SEQUENCED TO LITH THE DURATION AND AREA OF EXPOSED SOLIS.
   PROTECT AND MAXINIZE EXISTING MATURE VEGETATION AND NATURAL FOREST BUFFERS BETWEEN CONSTRUCTION ACTIVITY AND SENSITIVE AREAS.
   AN UREN MORK IS PERFORMED NO MARKER VEGETATION AND NATURAL FOREST BUFFERS BETWEEN CONSTRUCTION ACTIVITY AND SENSITIVE AREAS.
   AN UREN MORK IS PERFORMED NO MARKER VEGETATION AND NATURAL FOREST BUFFERS BETWEEN CONSTRUCTION ACTIVITY AND SENSITIVE AREAS.
   MURN MORK IS PERFORMED WITHIN 50 FEET OF SURFACE WATERS (WELLAND, OPEN WATER OF FLOWING MATER), PERIMETER CONTROL SMALL BE EMMARCED CONSISTENT WITH SECTION 2.1.2.1. OF THE 2012 NPDES CONSTRUCTION GENERAL PERMIT.
- 4 MINIMIZE THE ANOUNT OF EXPOSED SOTI -
- NINITIZE THE AMOUNT OF EXPOSED SOLI: 41. CONSTRUCTION SHALL BE SEQUENCED TO LIMIT THE DURATION AND AREA OF EXPOSED SOLLS. MINIMIZE THE AREA OF EXPOSED SOLI AT ANY ONE TIME. PMASING SHALL BE USED TO REDUCE THE AMOUNT AND DURATION OF SOLE EXPOSED TO THE ELEMENTS AND VEHICLE TRACKING. 4.2. UTILZE TEMPORARY MULLITMG OR PROVIDE ALTERINTE TEMPORARY STABLIZATION ON EXPOSED SOLLS IN ACCORDANCE WITH TABLE 1. 4.3. THE MXXIMM AMOUNT OF DISTUREED EARTH SHALL NOT EXCEED A TOTAL OF SACRES FROM MAY 'THROUGH NOVEMBES' OR', OR EXCEED ON EACRE DURING WITTER MONTHS, UNLESS THE CONTRACTOR DEMONSTRUCTE TO THE DEPARTMENT THAT THE ADDITIONAL REAR DO TESTURGANCE SACRES FROM MAY 'THROUGH NOVEMBES TO THE DEPARTMENT THAT THROUGH NOVEMBES TO THE CONTRACTORS OFFICIAL EATH SHALL NOT EXCEED A TOTAL OF SACRES FROM MAY 'THROUGH NOVEMBES TO THE DEPARTMENT THAT THROUGH TO DISTURGANCE AND THE CONTRACTORS CONTRACTOR OF DISTURBANCE AND SACRES AND TO MELTARE THE CONTRACTORS CONTRACTOR ADDITIONAL REAR DO TESTURGANCE AND THE DEPARTMENT THAT THROUGH NOVEMBES THE CONTRACTORS CONTRACTOR ADDITIONAL REAR DO TESTURGANCE AND THE DEVENSION TO MELTARIA TO THE DESTURGANCE AND THE DEVENDED AND THE DEVENSION TO MELTARIA TO THE DEVENSION TO MELTARIA THE DESTING THE ADDITIONAL REAR DO TESTURGANCE AND THE DEVENSION THE MONTHS, DIVERSED AT TOTAL OF SACRES AND TO MELTARIA THROUGH NOVEMBES TO THE DEPARTMENT THAT THE ADDITIONAL REAR DO TESTURGANCE AND THE DEVENSION TO MELTARIA THE CONTRACTORS CONTRACTOR ADDITIONAL REAR DO TESTURGANCE AND THE DEVENSION TO MELTARIA THE DEVENSION TO MELTARIA THE DEVELOPMENT ADDITIONAL ADDITIONAL REAR DO TESTURGANCE ADDITIONAL REAR DO TESTURGANCE AND THE DEVENSION TO MELTARIA THE DEVELOPMENT ADDITIONAL REAR DO TESTURGANCE ADDITIONAL REA ADEQUATE RESOURCES AVAILABLE TO ENSURE THAT ENVIRONMENTAL COMMITMENTS WILL BE MET.

- 5. CONTROL STORMATER FLOATING ONTO AND THREPOLDT.
  51. DIVERT OF SITE RUNGET ON CLANA HATE ANALY FROM THE CONSTRUCTION ACTIVITY TO REDUCE THE VOLUME THAT HEEDS TO BE TREATED ON SITE.
  52. DIVERT STORM RUNGEF FROM UPSLORE DRAITAGE AREAS ANAY FROM DISTURBED AREAS, SLOPES, AND AROUND ACTIVITY MORK AREAS AND TO A STABILIZED DUTLET LOCATION.
  5.2 CONSTRUCT THREEMABLE BARETERS AS HECESANT TO COLLECT ON DIVERT CONCENTIATION HORK OR DISTURBED AREAS.
- 5.4. STREIDELT TO APPOPRIATE ANTICIPATED VELOCITES CONVEYANCE CHANNELS OF PUMPING SYSTEM SHEEDS TO CONVEY CONSTRUCTION STORMWATER TO BASINS AND DISCHARGE LOCATIONS PRIOR TO
- 5.5. DIVERT OFF-SITE WATER THROUGH THE PROJECT IN AN APPROPRIATE MANNER SO NOT TO DISTURB THE UPSTREAM OR DOWNSTREAM SOILS. VEGETATION OR HYDROLOGY REYOND THE PERMITTED AREA.

## 6. PROTECT SLOPES:

- 6.1. INTERCEPT AND DIVERT STORM RUNOFF FROM UPSLOPE DRAINAGE AREAS AWAY FROM UNPROTECTED AND NEWLY ESTABLISHED AREAS AND SLOPES TO A STABILIZED OUTLET OR CONVEYANCE. 6.2. CONSIDER HOW GROUNDWATER SEEPAGE ON CUT SLOPES MAY IMPACT SLOPE STABILITY AND INCORPORATE APPROPRIATE MEASURES TO MINIMIZE EROSION.
  6.3. CONVEY STORWATER DOWN THE SLOPE IN A STABILIZED CHANNEL OR SLOPE DRAIN.
- 6.3. COMPEY STORMATER DOWN THE SLOPE IN A STABILIZED CHANNEL OR SLOPE DATAN. 6.4. THE OUTER FACE OF THE FILL SLOPE SHOULD BE IN A LOOSE RUFFLED CONDITION PRIOR TO TURF ESTABLISHMENT. TOPSOIL OR HUMUS LAYERS SHALL BE TRACKED UP AND DOWN THE SLOPE, DISKED, HARRONED, DURAGED NITH A CHAIL OR MAT, MACHINE-RAKED, OR HAND-MORKED TO PRODUCE A RUFFLED SURFACE.

### 7. ESTABLISH STABILIZED CONSTRUCTION EXITS:

7.1. INSTALL AND MAINTAIN CONSTRUCTION EXITS, ANYWHERE TRAFFIC LEAVES A CONSTRUCTION SITE ONTO A PUBLIC RIGHT-OF-WAY. 7.2. SWEEP ALL CONSTRUCTION RELATED DEBRIS AND SOIL FROM THE ADJACENT PAVED ROADWAYS AS NECESSAR

### 8. PROTECT STORM DRAIN INLETS:

- PROTECT STORM DARIN INLETS: 8.1. DIVERT SEDURENT LAGEN WATER MANY FROM TILET STRUCTURES TO THE EXTENT POSSIBLE. 8.2. INSTALL SEDURENT BARRIERS AND SEDURENT TRAPS AT TILETS TO PREVENT SEDURENT FROM ENTERING THE DARINAGE SYSTEM. 8.3. CLEMA CATHER BARRIERS AND COLUMERTS FT SIGNATIONANT SEDURENT FROM ENTERING THE DARINAGE SYSTEM. 8.4. DROP TILET SEDURENT BARRIERS SHOULD NEVER BE USED AS THE PRIMARY MEANS OF SEDURENT CONTROL AND SHOULD ONLY BE USED TO PROVIDE AN ADDITIONAL LEVEL OF PROTECTION TO STRUCTURES AND DOWN-GRADIENT SENSITIVE RECEPTORS.

### 9. SOIL STABILIZATION:

- 9.1. WITHIN THREE DAYS OF THE LAST ACTIVITY IN AN AREA. ALL EXPOSED SOIL AREAS, WHERE CONSTRUCTION ACTIVITIES ARE COMPLETE, SHALL BE STABILIZED. 2. IN ALL AREAS, TEMPORARY SOIL STABILIZATION MEASURES SHALL BE APPLIED IN ACCORDANCE WITH THE STABILIZATION REQUIREMENTS (SECTION 2.2) OF THE 2012 CGP. (SEE TABLE 1 FOR GUIDANCE
- 9.2 IN ALL RAES. IDEPENDENT SUIT STATILIZATION PRESSNESS SMALL BE APPLIED IN ACCOMMANCE WITH THE STATILIZATION REQUIREMENTS (SECTION 2.2) OF THE 2012 COF', (SEE TABLE 1 FOR GUIDAN 3.3. EDGSING (NOTION SEED HTS SAULL BE SOME THAN LINKCTVE (NORTHALT WITH IN ON THE PROMAMENTY SEEDED MITHIN THO WEERS OF DISTURBANCE AND PRIOR TO SEPTEMBER 15, OF ANY CAVEN YEAR, IN GOBER TO ACHIEVE VEGETATIVE STABILIZATION PRIOR TO THE END OF THE GONGING SEASON. 0.4. SUIT ACHIEFES ANY BE APPLIED IN ACCOMBANCE WITH THE AMANGURATURER'S SPECIFICATIONS AND REARPLED AS INCESSARY TO MINITIZE SOLAM DUICH LOSS UNTIL PERMAMENTY VEGETATION IS
- ESTABLISHED.
- 18 RETAIN SEDIMENT ON-SITE AND CONTROL DEWATERING PRACTICES.
- NETAL BEDURGNI VUFSILE AND CANINGL LEWINGEND FARCILES. 10.1 TEMPORATY ESCHERT BASING (GA-SECTIOL 21.2) OR SEDIMENT TRAPS (ENV-NG 1566.10) SHALL BE SIZED TO RETAIN, ON SITE, THE VOLUME OF A 2-YEAR 24-HOUR STORM EVENT FOR ANY AREA OF DISTURBANCE OR 3,060 CUELC FEET OF STORMATER KUNOFF PER ACTE OF DISTURBANCE, MICHEVER IS GGALTER. TEMPORATY ESDIENTI BASING USED TO TEXT STORMATER KUNOFF FROM ARES GENERATE THAN 5-ACRES OF DISTURBANCE HALL BE SIZED TO ALSO CONTROL STORMATER KUNOFF FROM A 10-YEAR 24
- AREAS OF UNSTABILIZED EARTH DISTURBING ACTIVITIES.

- 11. ADDITIONAL EROSION AND SEDIMENT CONTROL GENERAL PRACTICES:
- ADDITIONAL ERGSION AND SEDIMENT CONTROL CHEMANET MALLIES; 11.1. USE TEMPONARY MULCING, MEMANENT MULCING, CHEMARAY VEGETATIVE COVER, AND PERMANENT VEGETATIVE COVER TO REDUCE THE NEED FOR DUST CONTROL. USE MECHANICAL SMEEPERS ON PAVED SMFACES MARE MECKSSAWY TO PENDING, CHEMARAY VEGETATIVE COVER, AND PERMANENT VEGETATIVE COVER TO REDUCE THE NEED FOR DUST CONTROL. USE MECHANICAL SMEEPERS ON PAVED SMFACES MARE MECKSSAWY TO PENDING, CHEMARAY MULCING, APPLY WATER, OR OTHER DUST IMMEDIATE ACHIES ON REACTIVE COVER TO REDUCE THE MOSS SEDIMENT SCIENCES CONTROL DE CONTROL MESSAURIES MULL DE LINDERCTED IN ACCORDANCE MITH SECLIDO NOCIDES SMOULD DE MOESTECTO MITH SOLI SMOULS MENNES MELL BE LINDERCTED THI ACCORDANCE MITH SECLIDON MONS ADDITANTI ACHIES ON TANDES ADDITIONAL BROSSION AND SEDIMENT CONTROL MESSAURIES MULL DE LINDERCTED IN ACCORDANCE MITH SECLIDON CHIEN FAMO ADDITIONAL BROSSION AND SEDIMENT CONTROL MESSAURIES MULL ADIT MENNES MULL AND MENNES MULL DE LINDERCTED TIM SOLIDANCE MITH FOR ON MENNES AMENNES ADDITIONAL BROSSION AND SEDIMENT CONTROL MESSAURIES MULL ADIT MENNES MULL ADIT DE MERSECTORI DI ACCORDANCE MITH SECLIDON CHIENTI FORMINE MENNES ANTELINATION DE MENNES ANTELINATION DE MENNES MULL ADIT DE MENNES ANTELINATION DE MENNES ANTELINATION
- DISTURBED AREA. DISTURDED WALK.
- CONSIDERED PERMANENTLY STABILIZED UNTIL VEGETATIVE GROWTH COVERS AT LEAST 85% OF THE DISTURBED AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CO FOR ONE YEAR AFTER PROJECT COMPLETION
- FOR ONE YEAR AFTER PROJECT COMPLETION. 116. CATCH BASING: CARE SHALL BE TAKEN TO BUSINE THAT SEDIMENTS DO NOT ENTER ANY EXISTING CATCH BASINS DURING CONSTRUCTION. THE CONTRACTOR SHALL PLACE TEMPORARY STONE INLET PROTECTION OVER TRUETS IN AREAS OF SOIL DISTURBANCE THAT ARE SUBJECT TO SEDIMENT CONTACTURATION. 13. TEMPORARY AND FERMMENT DITCHES SHALL BE CONSTRUCTED, STARLIZED AND MAINTARED IN A MANMER THAT WILL MINITIZE SCOUR. TEMPORARY AND PERMANENT DITCHES SHALL BE DIRECTED TO DRAIN TO SEDIMENT BASINS OR STORM NATER COLLECTION AREAS. 13. NUNTER EXCANTION AND EXAMINEDT INTERVENT ATER COLLECTION AREAS.
- BE LINITED TO ONE ACRE. OR THAT WHICH CAN BE STABILIZED AT THE END OF EACH DAY UNLESS A WINTER CONSTRUCTION PLAN, DEVELOPED BY A QUALIFIED ENGINEER OR A CPESC SPECIALIST. IS REVIEWED AND APPROVED BY THE DEPARTMENT. REVIEWED AND APPROVED BY THE DEPARTMENT.
- BE INSTALLED ON THE FILL SLOPE TO MINIMIZE THE POTENTIAL FOR FILL SLOPE SEDIMENT DEPOSITS IN THE DITCH LINE

## BEST MANAGEMENT PRACTICES (BMP) BASED ON AMOUNT OF OPEN CONSTRUCTION AREA

- 12. STRATEGIES SPECIFIC TO OPEN AREAS LESS THAN 5 ACRES:
- STRATEGES SPECIFIC TO OPEN AREAS LESS THAN S ACRES: 12.1. THE CONTRACTOR SHALL COMPUT WITH RSA 483-X12 AND ENV-WO 1500; ALTERATION OF TERBAIN FOR CONSTRUCTION AND USE ALL CONVENTIONAL BMP STRATEGIES. 12.2. SLOPES STEEPER THAN 3:A WILL RECEIVE TURF ESTABLISHMENT WITH MATTIMG. 12.3. SLOPES 310 OF LATTER WILL RECEIVE TURF ESTABLISHMENT ALOME. 12.4. AREAS WHERE MAUL NADOS ADACEMT DO SENSTITUE AUXIMMENTE CANNOT EE TRAZTED THE DEPARTMENT WILL CONSIDER INFILTMATION. Yow TROL WORD ADJACENT TO SERVICE ENTRANMMENTAL ARCS ON STEEREN TAM 5%. THE DEFANI MINITELE EROSION ISSUES.
   ALL AREAS THAT CAN BE STABILIZED MALL BE STABILIZED PRIOR TO OPENING UP NEW TERRITORY.
   JOETENTION BASINS SALLAL BE DESIGNED AND CONSTRUCTED TO ACCOMMODATE A 2 YEAR STORM EVENT.
- 13. STRATEGIES SPECIFIC TO OPEN AREAS BETWEEN 5 AND 10 ACRES:
- 13.1. THE CURTACLOW STALL COMPLY WITH KSA 4651A127 AND ENVEND 1500 ALTERATION OF TERMAIN AND SHALL USE CONVENTIONAL DAY STRATEGIES ACRES WILL BE UTILIZED. 13.2. DETENTION BASINS WILL BE CONSTRUCTED TO ACCOMMODATE THE 2-YEAR 24-HOUR STORM EVENT AND CONTROL A 10-YEAR 24-HOUR STORM EVENT.
- 13.2.2. DETUTION DUSING WALL DE CONSTRUCTED TO ACCUMPAURIE ENE Z'HEAR ALTANDA STORT EVENT AND CONTRACE AUTOR DE LA DETUTA Z'HEAR Z'HEAR ALTANDA STORT EVENT 13.3. SLOPES TETEERE THAN A 3:1 HILL RECEIVE TURE ESTABLISHMENT WITH MATTING OR OTHER TEMPORARY SOL STABILIZATION MERSURES DETAILED IN TABLE 1. THE CONTRACE AND ALTANDA STORT EVENT A SOLI BURDER IN ACCORDANCE WITH THE MMES APPROVALS OR REGULATIONS. OTHER ALTEMPORARY SOL STABILIZATION MERSURES DETAILED IN TABLE 1. THE CONTRACE AND ALTANDA STORT EVENT. A SOLI BURDER IN ACCORDANCE WITH THE MMES APPROVALS OR REGULATIONS. OTHER ALTEMPORARY SOL STABILIZATION MERSURES DETAILED IN TABLE 1. THE CONTRACE AND ALTANDA STORT EVENT. BE UTILIZED. IF MEETING THE NHDES APPROVALS AND REGULATIONS.
- DE UILLEED, AF MEELING INE MADES AFFROVALS AND REGULALIONS. 13.4. SIDPES 3-10 Relative inte mades affront meeting statement or other temporary soil startitzation measures oftatien in tarie 1. The contractor may also constder a soil rinder in ACCORDANCE WITH THE NHDES APPROVALS OR REGULATIONS.

## 14. STRATEGIES SPECIFIC TO OPEN AREAS OVER 10 ACRES

- 14.1 THE CONTRACTOR SHALL COMPLY WITH RSA 485:A:17 AND ENV-WQ 1500 ALTERATION OF TERRAIN AND SHALL USE CONVENTIONAL BMP STRATEGIES AND ALL TREATMENT OPTIONS USED FOR UNDER 5 ACRES AND BETWEEN 5 AND 10 ACRES WILL BE UTILIZED.
- 14.2. THE DEPARTMENT ANTICIPATES THAT SOIL BINDERS WILL BE NEEDED ON ALL SLOPES STEEPER THAN 3:1. IN ORDER TO MINIMIZE EROSION AND REDUCE THE AMOUNT OF SEDIMENT IN THE STORMWATER TREATMENT RASTNS
- IN THE MEAN THE DASLING. THE REQUIRED TO HAVE AN APPROVED DESIGN IN ACCORDANCE WITH ENV-NO 1566.12 FOR AN ACTIVE FLOCCULANT TREATMENT SYSTEM TO TREAT AND RELEASE WATER CAPTURED IN STORM WATER BASING. THE CONTINCTION SMALL ALSO RELAIN THE SERVICES OF AN ENVIRONMENTAL CONSULTANT MONISTRATED EXPERIENCE IN THE DESIGN OF FLOCCULANT TREATMENT SYSTEMS. THE CONTINCTION SMALL ALSO REFERSION FOR THE MEMORETIAN UNA MONITORING NO. THE SYSTEM.

	TABLE 1	
GUIDANCE ON SELECTING	TEMPORARY SO	STABILIZATION MEASURES

APPLICATION AREAS		DRY MULCH METHODS				HYDRAULICALLY APPLIED MULCHES 2			ROLLED EROSION CONTROL BLANKETS 3			
	HMT	WC	SG	CB	HM	SMM	BFM	FRM	SNSB	DNSB	DNSCB	DNCB
SLOPES 1												
STEEPER THAN 2:1	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	NO	YES
2:1 SLOPE	YES	YES '	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES
3:1 SLOPE	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	NO
4:1 SLOPE	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO
WINTER STABILIZATION	4T/AC	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
CHANNELS												
LOW FLOW CHANNELS	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES
HIGH FLOW CHANNELS	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES

ABBREV.	STABILIZATION MEASURE	ABBREV -	STABILIZATION MEASURE	ABBREV.	STABILIZATION MEASURE
HMT	HAY MULCH & TACK	HM	HYDRAULIC MULCH	SNSB	SINGLE NET STRAW BLANKET
WC	WOOD CHIPS	SMM	STABILIZED MULCH MATRIX	DNSB	DOUBLE NET STRAW BLANKET
SG	STUMP GRINDINGS	BFM	BONDED FIBER MATRIX	DNSCB	2 NET STRAW-COCONUT BLANKET
CB	COMPOST BLANKET	FRM	FIBER REINFORCED MEDIUM	DNCB	2 NET COCONUT BLANKET

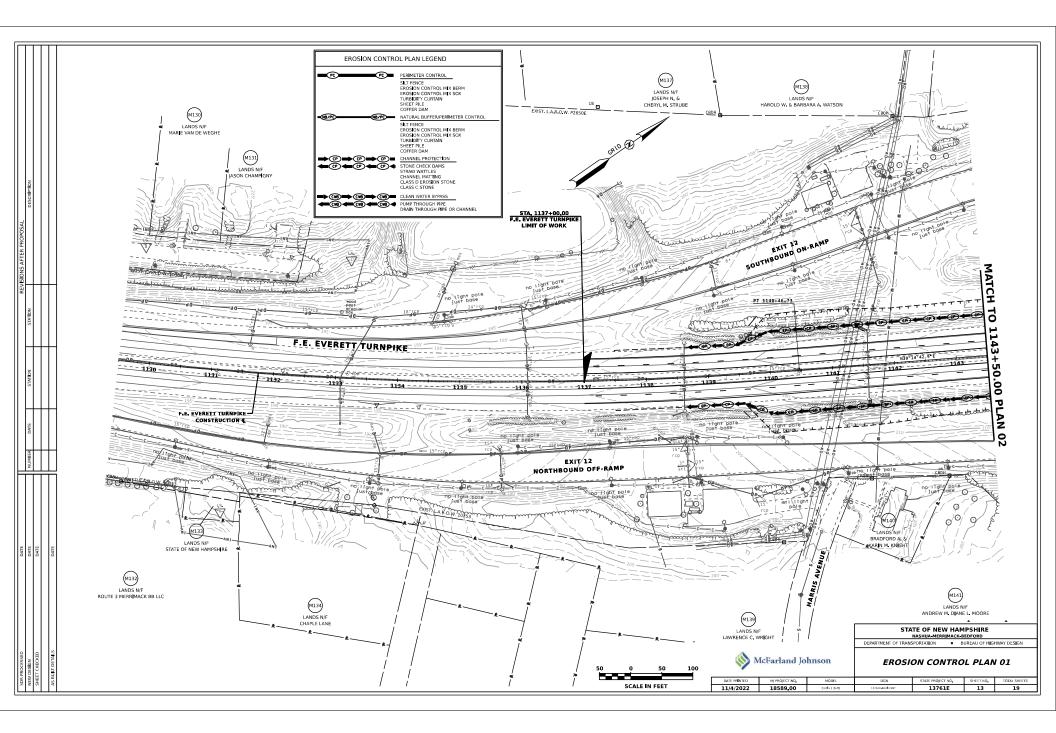
NOTES:

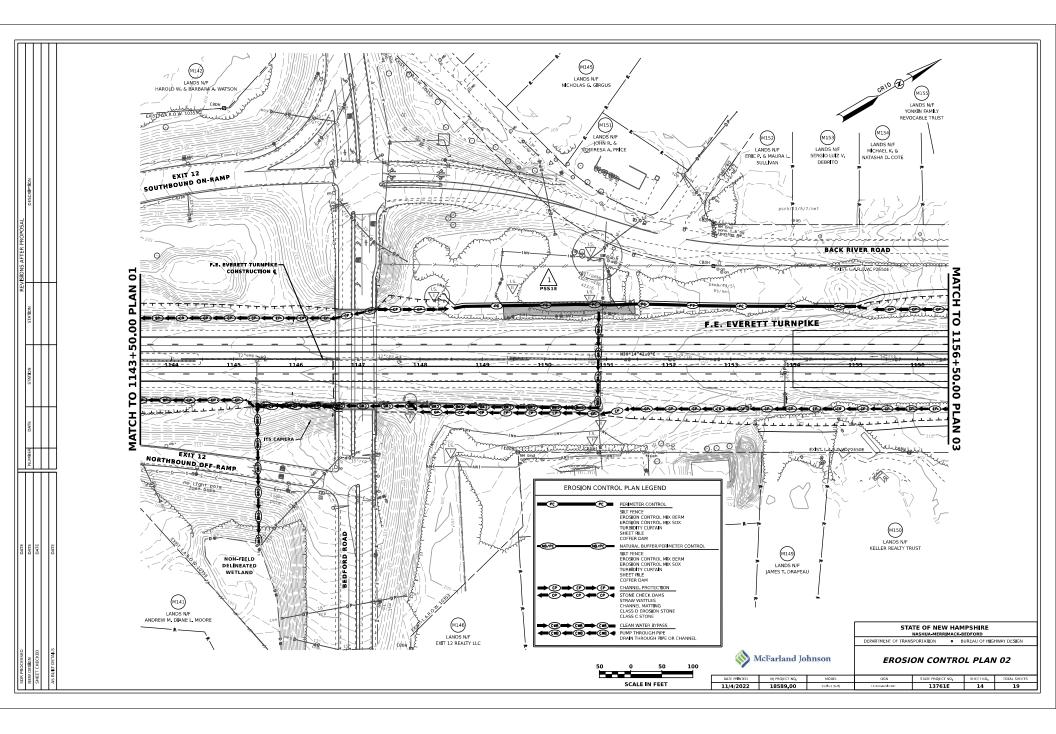
ALL SLOPE STABILIZATION OPTIONS ASSUME A SLOPE LENGTH \10 TIMES THE HORIZONTAL DISTANCE COMPONENT OF THE SLOPE, IN FEET. 2. PRODUCTS CONTAINING POLYACRYLAMIDE (PAM) SHALL NOT BE APPLIED DIRECTLY TO OR WITHIN 100 FEET OF ANY SURFACE

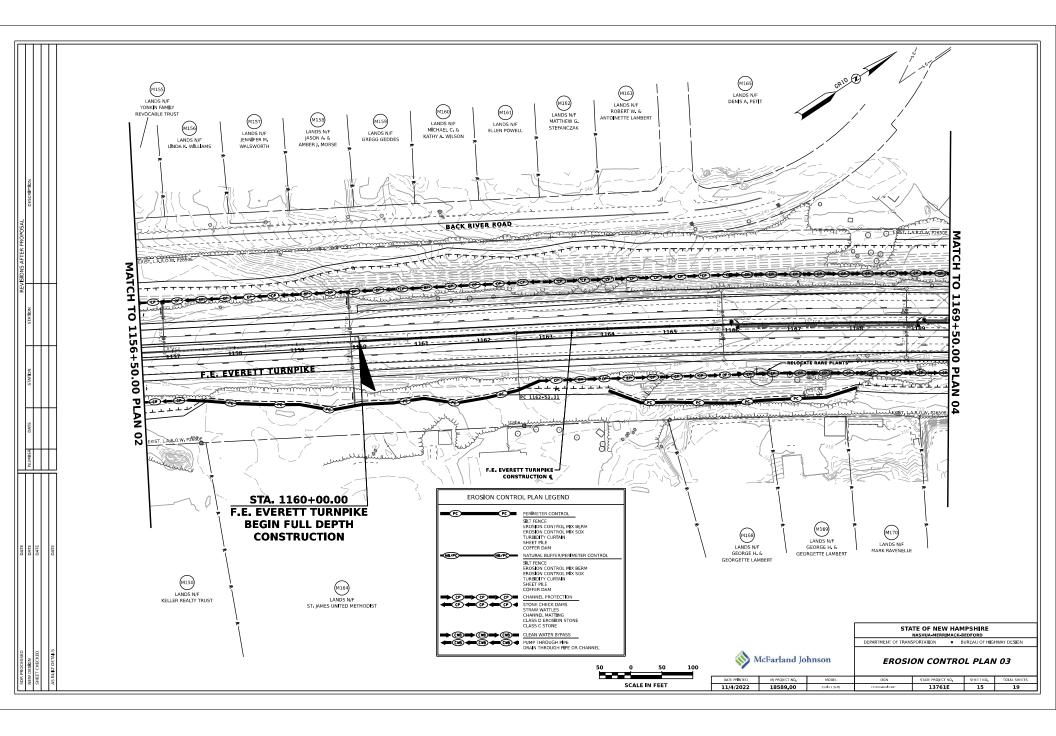
WATER WITHOUT PRIOR WRITTEN APPROVAL FROM THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES.

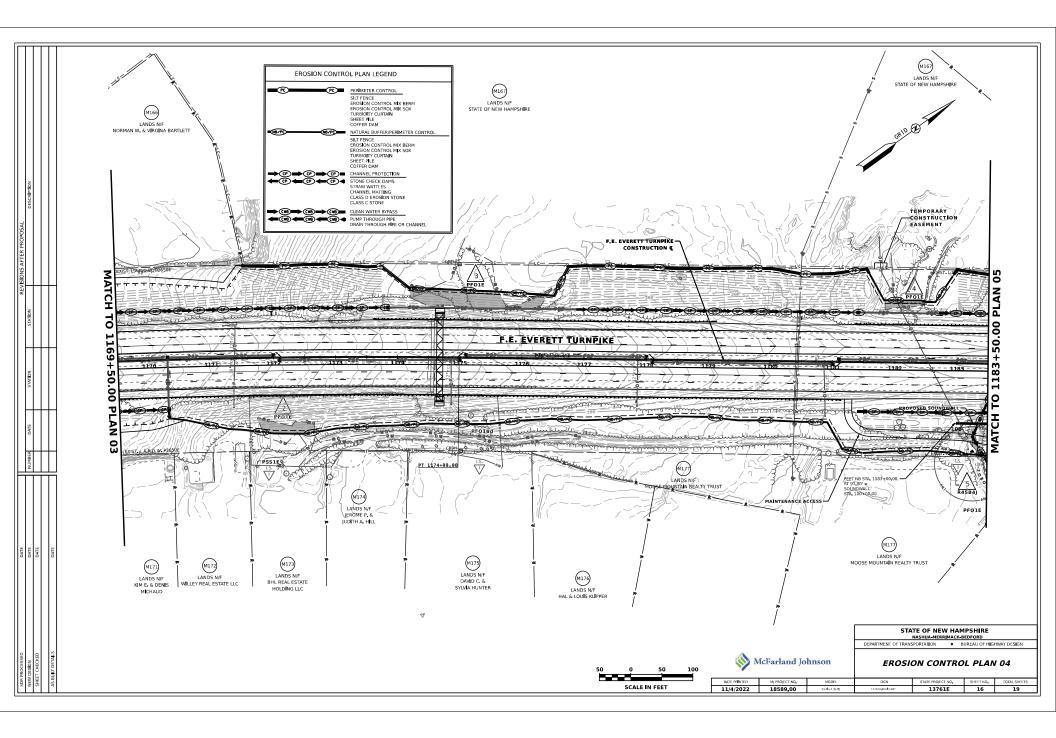
3. ALL EROSION CONTROL BLANKETS SHALL BE MADE WITH WILDLIFE FRIENDLY BIODEGRADABLE NETTING

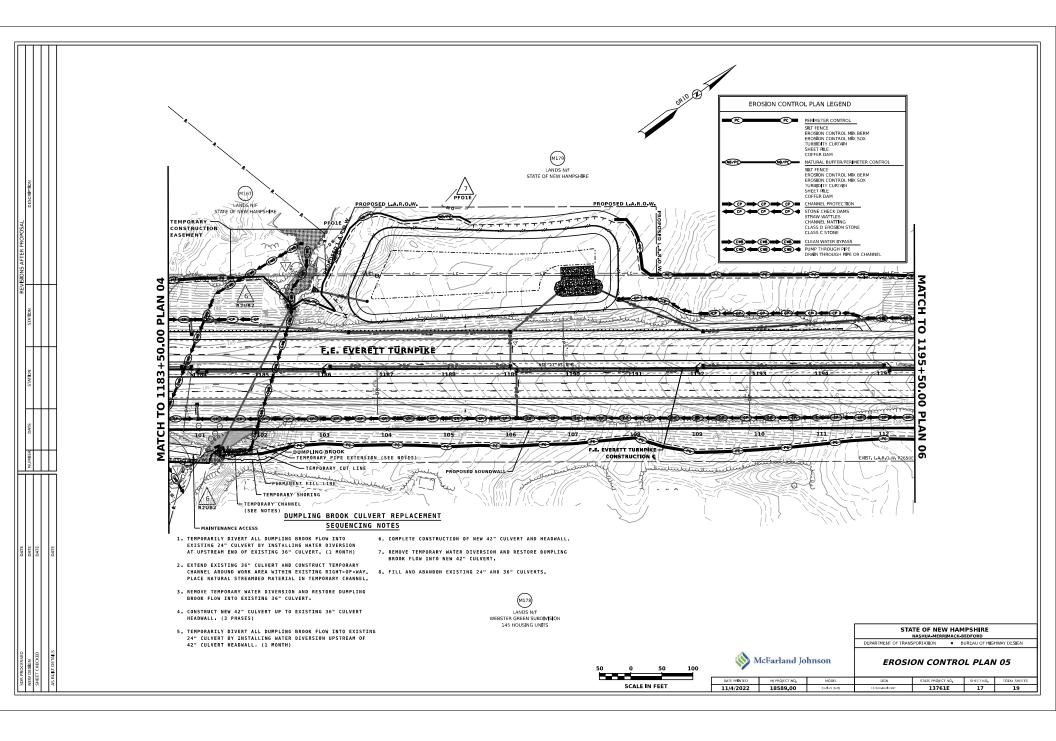
		STATE OF NEW HAMPSHIRE NASHUA-MERRIMACK-BEDFORD						
		DEPARTMENT OF TRANSPORTATION    BUREAU OF HIGHWAY DESI						
		EROSION CC	ONTRO	LS	TRATEG	IES		
	REVISION DATE	DGN	STATE PROJEC	T NO.	SHEET NO.	TOTAL SHEETS		
erosstrat [SHT]	02-25-2022	13761E-State Dtis SHT	13761	E	12	19		

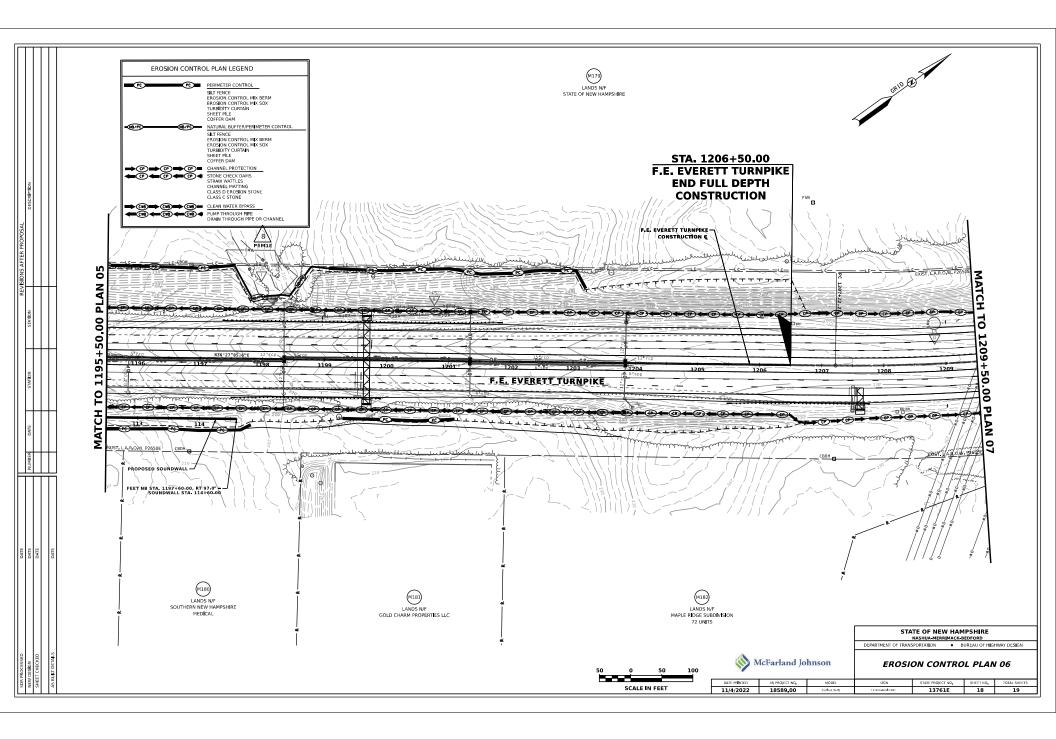


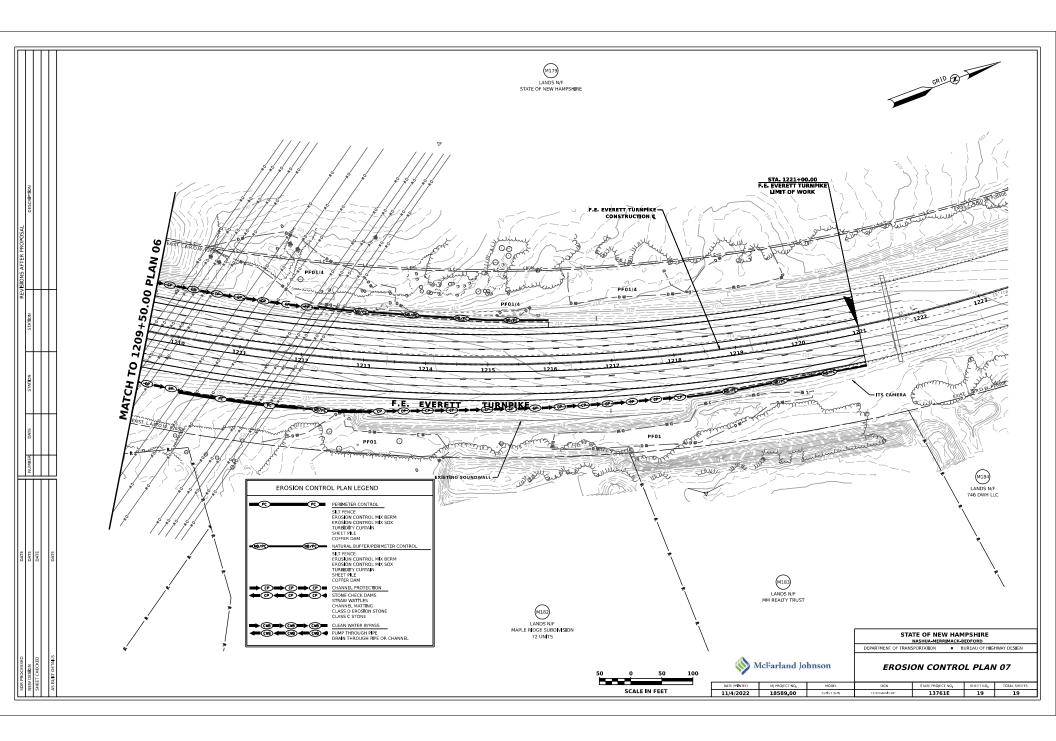














# US Army Corps of Engineers ® New England District

WORK-START NOTIFICATION FORM

(Minimum Notice: Two weeks before work begins)

MAIL TO: Michael Hicks Regulatory Division U.S. Army Corps of Engineers, New England District 696 Virginia Road Concord, Massachusetts 01742-2751

Corps of Engineers Permit No. NAE-2023-00449 was issued to the New Hampshire Department of Transportation. This work is located on the FE Everett Turnpike in Merrimack, New Hampshire and authorized the placement of 17,611 square feet of fill in wetlands and streams associated with the widening of the turnpike.

The people (e.g., contractor) listed below will do the work, and they understand the permit's conditions and limitations.

# PLEASE PRINT OR TYPE

Name of Person/Firm:	
Business Address:	
Phone & email: ( ()	
Proposed Work Dates: Start:	Finish:
Permittee/Agent Signature:	Date:
Printed Name:	Title:
Date Permit Issued: Date Per	mit Expires:
******	******
FOR USE BY THE CORPS O	<b>FENGINEERS</b>
PM: Submittals Requi	red:
Inspection Recommendation:	



**US Army Corps** of Engineers ® New England District

# **COMPLIANCE CERTIFICATION FORM**

(Minimum Notice: Permittee must sign and return notification within one month of the completion of work.)

Permit Number:	NAE-2023-00449
Project Manager:	Michael Hicks
Name of Permittee:	New Hampshire Department of Transportation
Permit Issuance Date:	See Authorization Letter

Please sign this certification and return it to our office upon completion of the activity and any mitigation required by the permit. You must submit this after the mitigation is complete, but not the mitigation monitoring, which requires separate submittals.

***************************************						
*	E-MAIL TO:	cenae-r@usace.army.mil; or	*			
*			*			
*	MAIL TO:	Permits and Enforcement Branch C	*			
*		U.S. Army Corps of Engineers, New England District	*			
*		Regulatory Division	*			
*		696 Virginia Road	*			
*		Concord, Massachusetts 01742-2751	*			
***************************************						

Please note that your permitted activity is subject to a compliance inspection by an U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above referenced permit was completed in accordance with the terms and conditions of the above referenced permit, and any required mitigation was completed in accordance with the permit conditions.

Signature of Permittee

Date

Printed Name

Date of Work Completion

(	)	
Tele	phone	Number

(\_\_\_\_) Telephone Number