



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

Vermont Project Office
11 Lincoln Street, Rm 210
Essex Junction, Vermont 05452

PUBLIC NOTICE

Comment Period Begins: JUNE 11, 2019
Comment Period Ends: JULY 11, 2019
File Number: NAE-2019-01002
In Reply Refer To: Angela C. Repella
Phone: (802) 872-2893
E-mail: Angela.C.Repella@usace.army.mil

The District Engineer has received a permit application to conduct work in waters of the United States from the Vermont Agency of Transportation located at One National Life Drive in Montpelier, Vermont 05633. This work is proposed in two unnamed tributaries and adjacent wetlands along U.S. Route 7 in Pittsford, Vermont. The coordinates for the approximate center point of the project alignment are: Latitude 43.693093° N, Longitude -73.000535° W.

The work involves the placement of fill within 1.17 acres of two unnamed tributaries and adjacent wetlands in conjunction with the reconstruction of 1.36 miles of U.S. Route 7 from mile marker 1.35 to mile marker 2.755 in Pittsford, Vermont. The purpose of the project is to bring this section of roadway up to National Highway Standards. Improvements will include roadway widening and realignment to include two 12' wide travel lanes and two 8' wide shoulders, and replacement of three stream crossing structures.

The project will permanently impact approximately 3,085 sq. ft. (0.07 acre) of two unnamed tributaries and 16,086 sq. ft. (0.37 acre) of adjacent wetlands. The work will temporarily impact approximately 1,085 sq. ft. (0.02 acre) of two unnamed tributaries and 30,774 sq. ft. (0.71 acre) of adjacent wetlands. The project includes the replacement of Bridge No. 106, Bridge No. 107, and Bridge No. 107A along the two unnamed tributaries with improved stream crossing structures that meet hydraulic and aquatic organism passage standards. Temporary roadway relocation is planned to bypass traffic during construction and accounts for the majority of temporary wetland impacts associated with the project. The wetlands to be impacted are emergent and scrub-shrub wetlands immediately adjacent to a heavily travelled highway and function primarily to maintain water quality.

The work is shown on the enclosed plans, in nine sheets, entitled "Project Location map for Pittsford NH 019-3 (491)" (dated "July 25, 2018", last revised "June 5, 2019"), "Landowner and Abutter Parcel Locations for Pittsford NH 019-3 (491)" (dated "April 23, 2019"), and "PITTSFORD NH 019-3 (491)" (dated "29-MAR-2019", "05-JUN-2019", and "01-MAY-2019").

The project has been designed using the best available measures to avoid and minimize adverse impacts. There are no less environmentally damaging practicable off-site alternative alignments for the roadway. The "no-build" alternative does not allow the applicant to achieve the project purpose of meeting National Highway Standards. To compensate for the project's projected natural resource impacts, including unavoidable impacts to waterways and wetlands, the applicant proposes to make a payment to the Ducks Unlimited – Vermont In-Lieu Fee Program.

AUTHORITY

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
- Section 404 of the Clean Water Act
- Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers, New England District (Corps), is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The Corps will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act.

NATIONAL HISTORIC PRESERVATION ACT

Based on his initial review, the District Engineer has determined that the proposed work may impact properties listed in, or eligible for listing in, the National Register of Historic Places. Additional review and consultation to fulfil requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

ENDANGERED SPECIES CONSULTATION

The Corps has reviewed the application for the potential impact on Federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. The applicant has provided a U.S. Fish and Wildlife Service (USFWS) concurrence verification letter for the ‘Pittsford Segment 1’ project under the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect a listed species or their

critical habitat. We are coordinating with the USFWS on listed species under their jurisdiction and the ESA consultation will be concluded prior to the final decision.

OTHER GOVERNMENT AUTHORIZATIONS

The following authorizations have been applied for, or have been, or will be obtained:

- Permit, license or assent from State.
- Permit from local wetland agency or conservation commission.
- Water Quality Certification in accordance with Section 401 of the Clean Water Act.

COMMENTS

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Angela C. Repella at (802) 872-2893.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Lindsey E. Lefebvre
Chief, Permits and Enforcement Branch
Regulatory Division

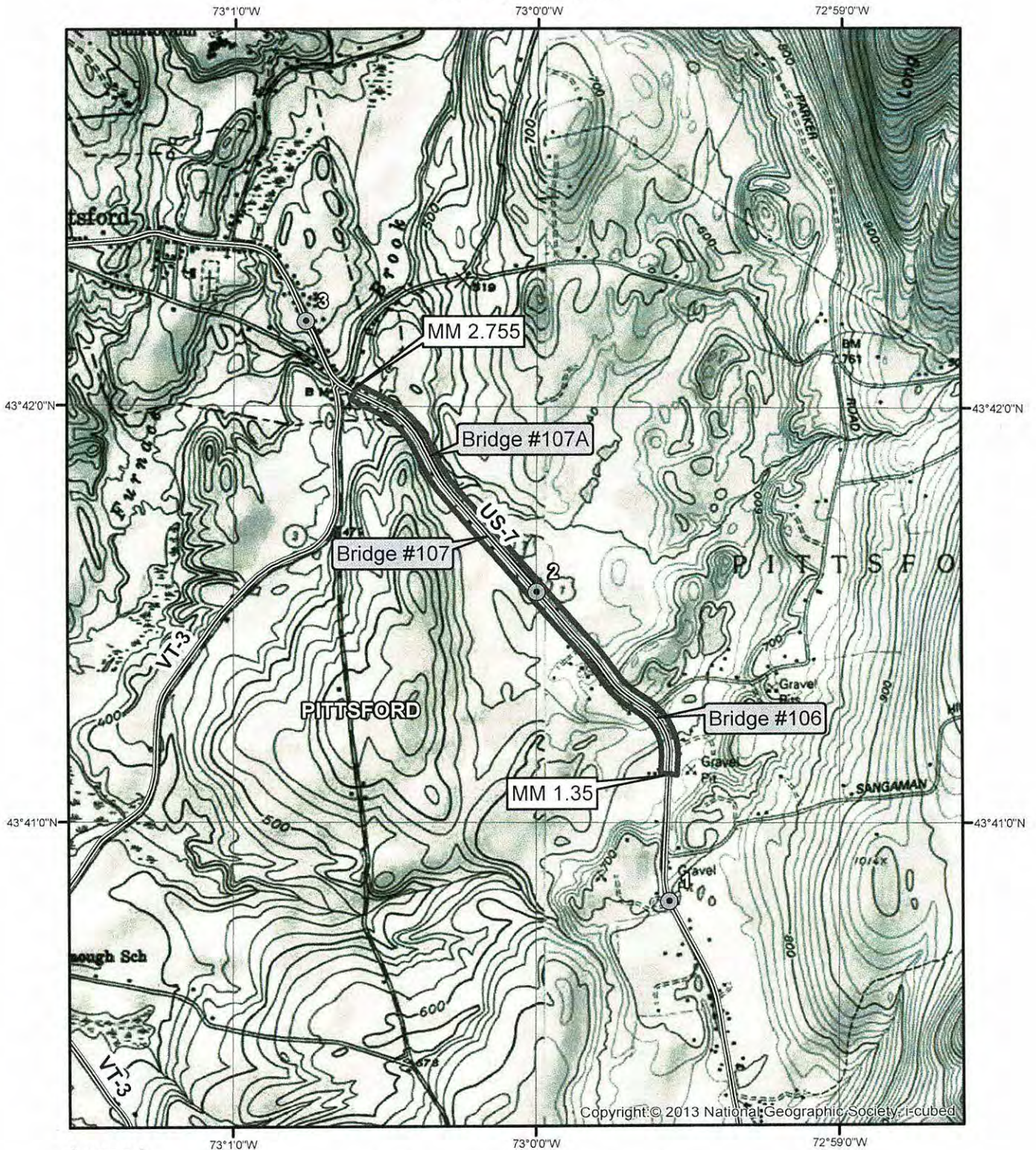
If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____
PHONE: _____




Project Location Map for Pittsford NH 019-3 (491)

US Route 7

Pittsford, Vermont



Legend

-  Mile Marker
 -  Study Area
 -  Major Road
- 0 1,000 2,000 Feet
- 1 inch = 2,000 feet



Study area includes 100 feet from the road edge on each side of US Route 7 for 1.405 linear miles.

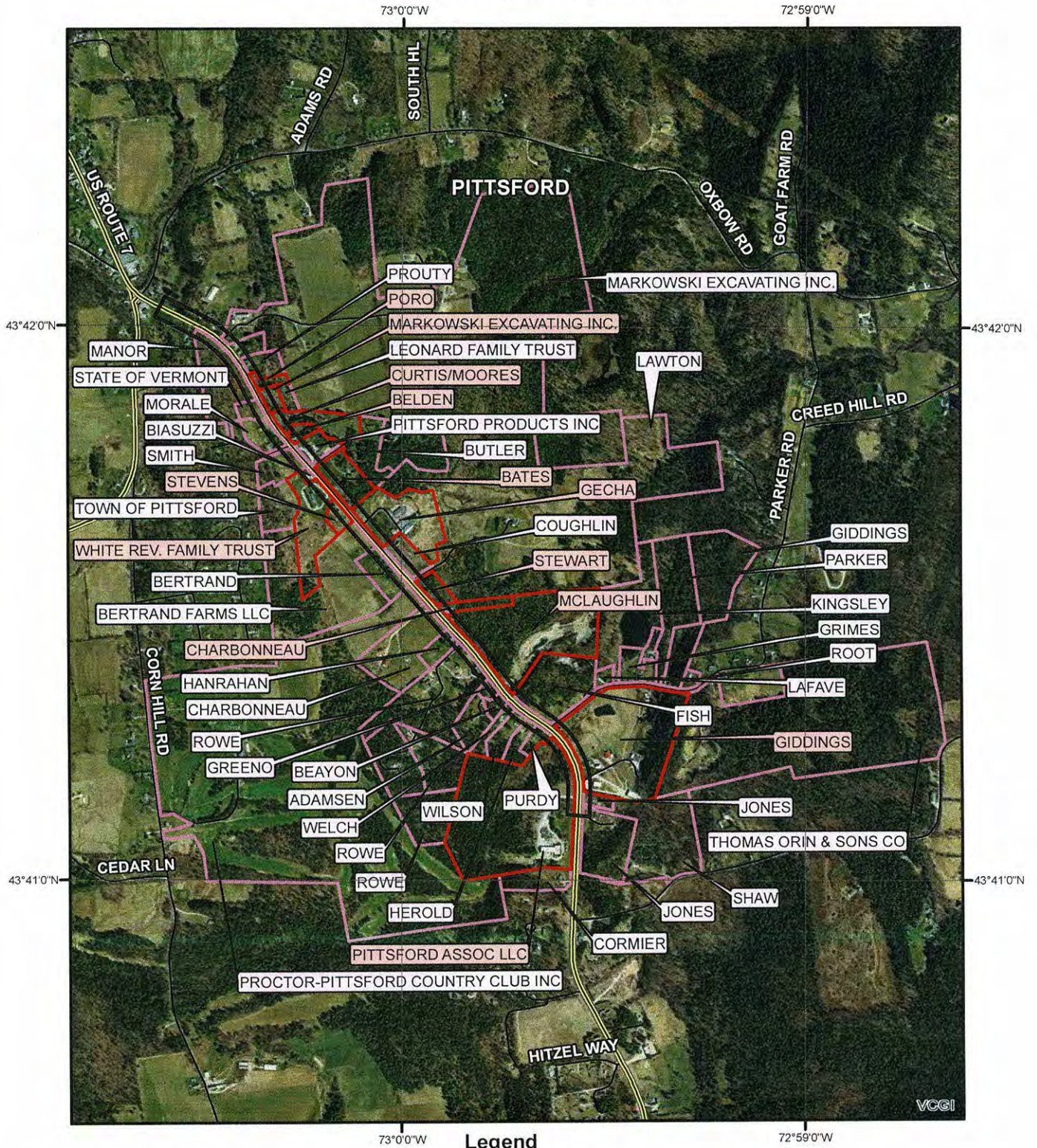
Data sources include:
 Vermont Center for Geographic Information (VCGI)
 Vermont Agency of Natural Resources (ANR)
 Vermont Agency of Transportation (VTrans)
 Bear Creek Environmental (BCE)



Bear Creek
 Environmental

Map composed on July 25, 2018. Revised June 5, 2019.

Landowner and Abutter Parcel Locations for Pittsford NH 019-3 (491)
 U.S. Army Corps of Engineers Permit Application
 US Route 7 - Pittsford, Vermont



0 750 1,500 Feet
 1 inch = 1,500 feet

Map composed on April 23, 2019.



Legend

- Study Area
- Impact Parcel
- Abutting Parcel
- Major Road
- Road

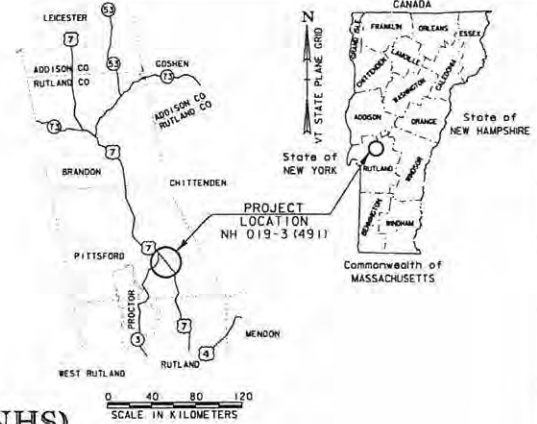


Bear Creek
 Environmental

STATE OF VERMONT
AGENCY OF TRANSPORTATION



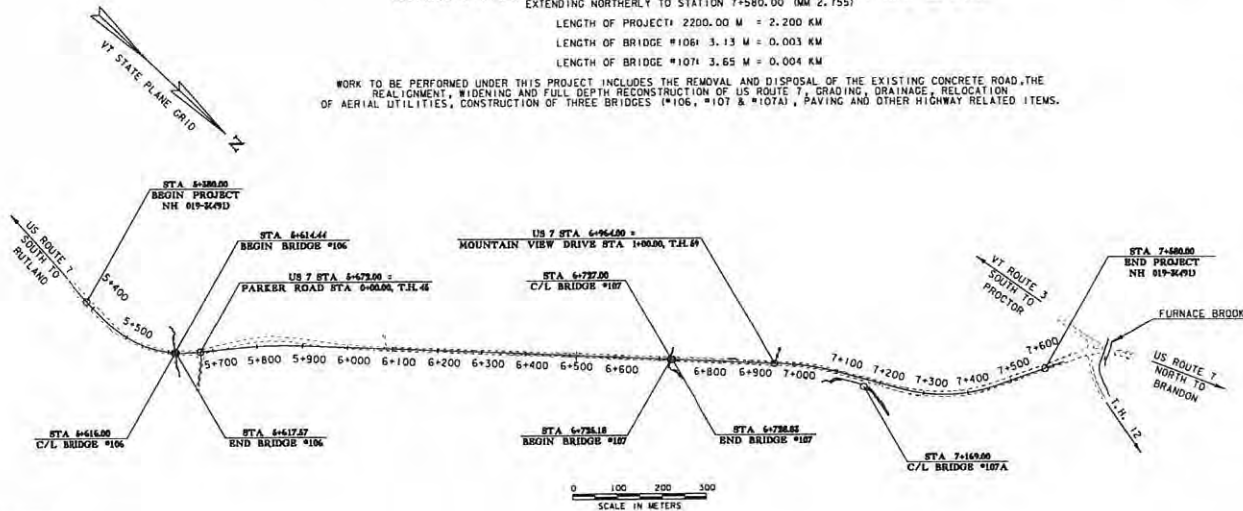
PROPOSED IMPROVEMENT
TOWN OF PITTSFORD
COUNTY OF RUTLAND
US ROUTE 7 (PRINCIPAL ARTERIAL - NHS)



BEGINNING AT A POINT IN THE TOWN OF PITTSFORD ON US ROUTE 7 AT STATION 5+380.00 (MM 1.350)
EXTENDING NORTHERLY TO STATION 7+580.00 (MM 2.751)
LENGTH OF PROJECT: 2200.00 M = 2.200 KM
LENGTH OF BRIDGE #106: 3.13 M = 0.003 KM
LENGTH OF BRIDGE #107: 3.65 M = 0.004 KM

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL AND DISPOSAL OF THE EXISTING CONCRETE ROAD, THE REALIGNMENT, WIDENING AND FULL DEPTH RECONSTRUCTION OF US ROUTE 7, GRADING, DRAINAGE, RELOCATION OF AERIAL UTILITIES, CONSTRUCTION OF THREE BRIDGES (#106, #107 & #107A), PAVING AND OTHER HIGHWAY RELATED ITEMS.

FINAL PLANS
29-MAR-2019



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2004, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON APRIL 13, 2008 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

TRAFFIC DATA

AADT		DHV		ADTT	
2018	2038	2018	2038	2018	2038
9,900	10,500	1100	1200	820	1200

%T		%D		ESALs	
2018	2038	2018	2038	2018-2038	2018-2058
4.5	6.3	55	55	7,128,000	16,407,000

BITUMINOUS CONCRETE PAVEMENT
SUPERPAVE MIXTURE DESIGN CRITERIA

DESIGN LIFE ESALs (DESIGN LANE)	3,920,000
DESIGN NUMBER OF GYRATIONS	80
PERFORMANCE GRADED ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

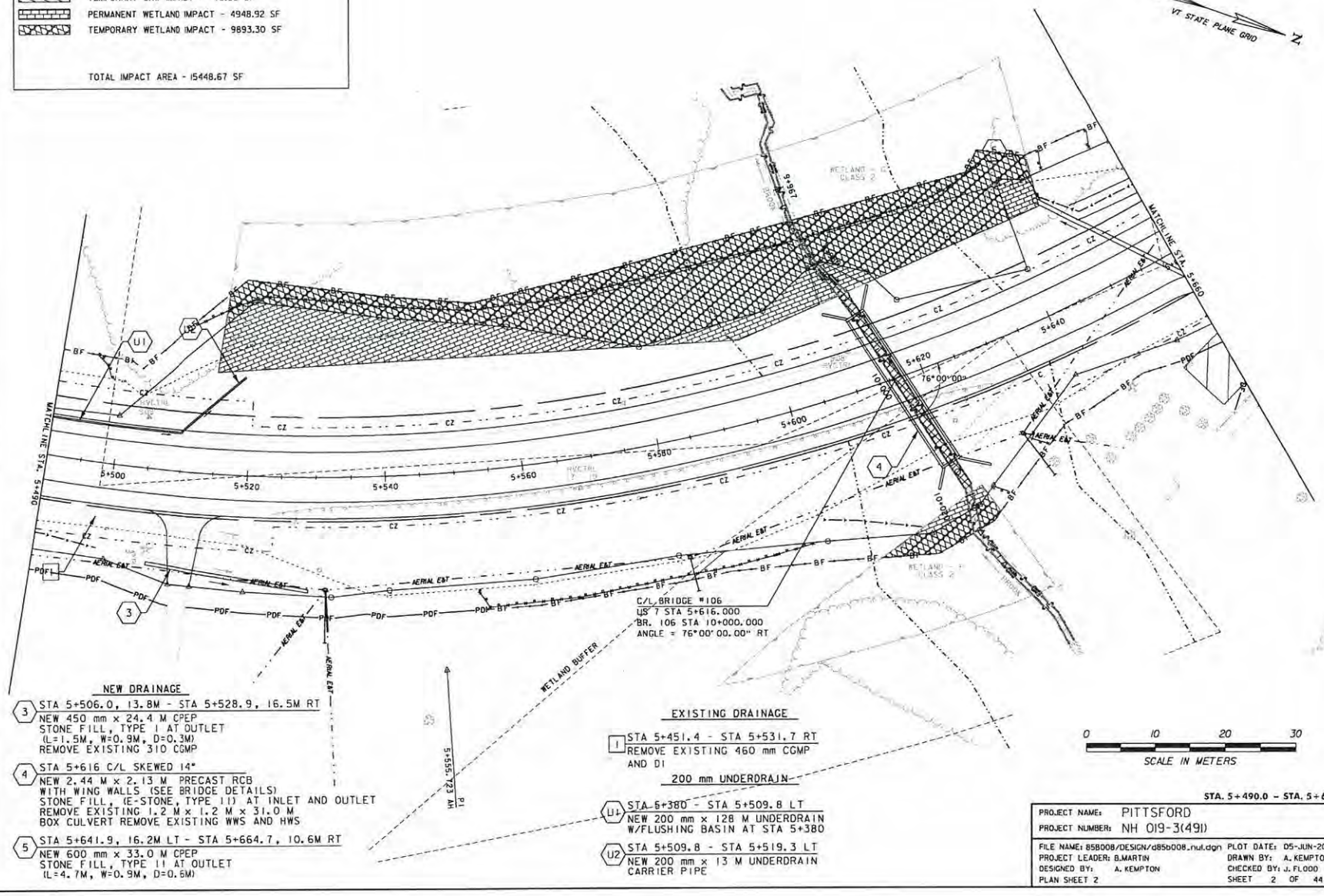
DESIGN SPEED = 80 KM/HR (STA 5+338 TO STA 7+185)
DESIGN SPEED = 56 KM/HR (STA 7+185 TO STA 7+622)

Metric
UNLESS NOTED OTHERWISE
STATIONS ARE IN KILOMETERS
ELEVATIONS ARE IN METERS
DIMENSIONS ARE IN MILLIMETERS

HIGHWAY DIVISION, CHIEF ENGINEER	
APPROVED _____	DATE _____
PROJECT MANAGER: BRUCE MARTIN, P. E.	
PROJECT NAME: PITTSFORD	
PROJECT NUMBER: NH 019-3 (4911)	
SHEET 1 OF 368 SHEETS	

QUALITY ASSURANCE PROGRAM: LEVEL 1
SURVEYED BY: VAOT
SURVEYED DATE: 5/99 (UPDATED 1/01)
DATUM
VERTICAL: NAVD 88
HORIZONTAL: NAD 83 (1992)

LEGEND	
	PERMANENT OHW IMPACT - 531.42 SF
	TEMPORARY OHW IMPACT - 75.03 SF
	PERMANENT WETLAND IMPACT - 4948.92 SF
	TEMPORARY WETLAND IMPACT - 9893.30 SF
TOTAL IMPACT AREA - 15448.67 SF	



- NEW DRAINAGE**
- 3 STA 5+506.0, 13.8M - STA 5+528.9, 16.5M RT
NEW 450 mm x 24.4 M CPEP
STONE FILL, TYPE I AT OUTLET
(L=1.5M, W=0.9M, D=0.3M)
REMOVE EXISTING 310 CGMP
 - 4 STA 5+616 C/L SKEWED 14°
NEW 2.44 M x 2.13 M PRECAST RCB
WITH WING WALLS (SEE BRIDGE DETAILS)
STONE FILL, (E-STONE, TYPE II) AT INLET AND OUTLET
REMOVE EXISTING 1.2 M x 1.2 M x 31.0 M
BOX CULVERT REMOVE EXISTING WWS AND HWS
 - 5 STA 5+641.9, 16.2M LT - STA 5+664.7, 10.6M RT
NEW 600 mm x 33.0 M CPEP
STONE FILL, TYPE II AT OUTLET
(L=4.7M, W=0.9M, D=0.6M)

- EXISTING DRAINAGE**
- 1 STA 5+451.4 - STA 5+531.7 RT
REMOVE EXISTING 460 mm CGMP
AND D1
- 200 mm UNDERDRAIN**
- U1 STA 5+380 - STA 5+509.8 LT
NEW 200 mm x 128 M UNDERDRAIN
W/FLUSHING BASIN AT STA 5+380
 - U2 STA 5+509.8 - STA 5+519.3 LT
NEW 200 mm x 13 M UNDERDRAIN
CARRIER PIPE

C/L BRIDGE #106
US 7 STA 5+616.000
BR. 106 STA 10+000.000
ANGLE = 76°00'00.00" RT

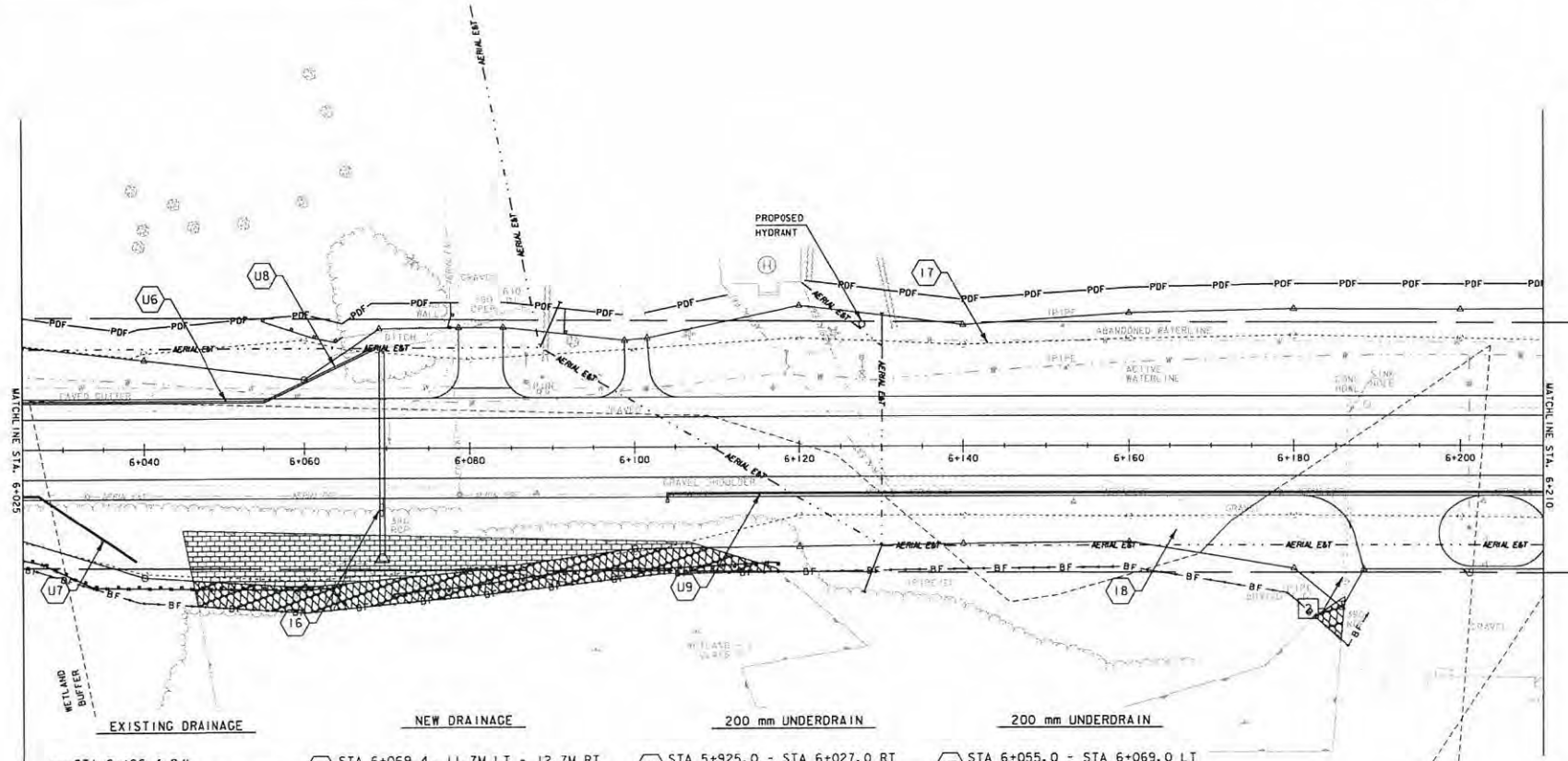
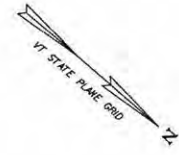


STA. 5+490.0 - STA. 5+660.0	
PROJECT NAME:	PITTSFORD
PROJECT NUMBER:	NH 019-3(49J)
FILE NAME:	B5B008/DESIGN/d85b008.rvt.dgn
PROJECT LEADER:	B.MARTIN
DESIGNED BY:	A. KEMPTON
PLAN SHEET 2	CHECKED BY: J. FLOOD
	SHEET 2 OF 44

LEGEND

- PERMANENT OHW IMPACT - 0 SF
- TEMPORARY OHW IMPACT - 0 SF
- PERMANENT WETLAND IMPACT - 2744.39 SF
- TEMPORARY WETLAND IMPACT - 2343.75 SF

TOTAL IMPACT AREA - 5088.14 SF



EXISTING DRAINAGE
 2 STA 6+186.4 C/L
 REMOVE EXISTING 380 mm RCP AND HEADWALL

- 16 STA 6+069.4, 11.7M LT - 12.7M RT
 NEW 600 mm x 24.4 M CPEP WITH STONE FILL, TYPE 11 AT OUTLET (L=2.0M, W=0.9M, D=0.6M)
 REMOVE EXISTING 380 mm RCP
- 17 STA 6+102.0 - STA 6+312.0 LT
 CONSTRUCT GRASS-TREATMENT SWALE SEE DETAIL SHEETS (EXCLUDES DRIVE)
- 18 STA 6+150.0 - STA 6+185.0 RT
 CONSTRUCT GRASS-TREATMENT SWALE SEE DETAIL SHEETS

- U5 STA 5+925.0 - STA 6+027.0 RT
 NEW 200 mm x 102 M UNDERDRAIN W/FLUSHING BASIN AT STA 5+925.0
- U6 STA 5+980.0 - STA 6+055.0 LT
 NEW 200 mm x 75 M UNDERDRAIN W/FLUSHING BASIN AT STA 5+980.0
- U7 STA 6+027.0 - STA 6+039.0 RT
 NEW 200 mm x 14 M UNDERDRAIN CARRIER PIPE

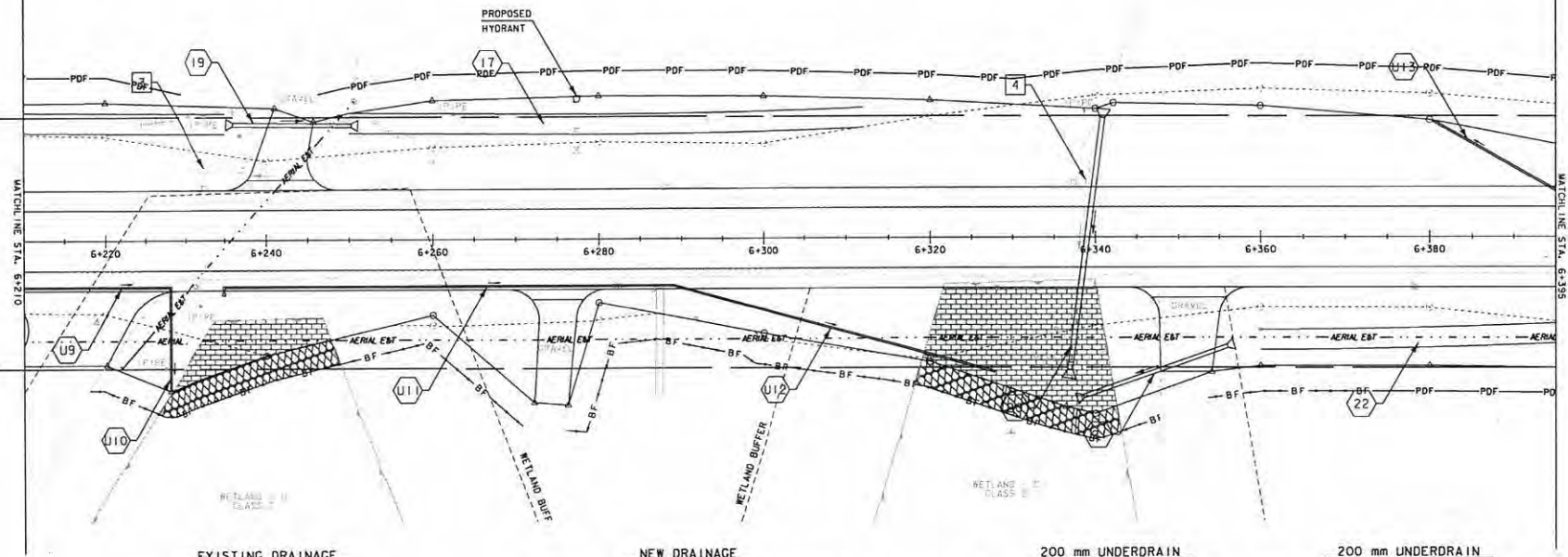
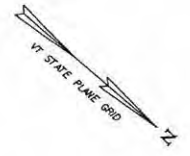
- U8 STA 6+055.0 - STA 6+069.0 LT
 NEW 200 mm x 16 M UNDERDRAIN CARRIER PIPE
- U9 STA 6+104.0 - STA 6+228.1 RT
 NEW 200 mm x 124 M UNDERDRAIN W/FLUSHING BASIN AT STA 6+104.0



STA. 6+025.0 - STA. 6+210.0

PROJECT NAME: PITTSFORD
 PROJECT NUMBER: NH 019-3(491)
 FILE NAME: 858008/DESIGN/085b008.rvt.dgn PLOT DATE: 01-MAY-2019
 PROJECT LEADER: B. MARTIN DRAWN BY: A. KEMPTON
 DESIGNED BY: A. KEMPTON CHECKED BY: J. FLOOD
 PLAN SHEET 5 SHEET 4 OF 44

LEGEND	
	PERMANANT OHW IMPACT - 0 SF
	TEMPORARY OHW IMPACT - 0 SF
	PERMANENT WETLAND IMPACT - 3643.29 SF
	TEMPORARY WETLAND IMPACT - 1551.42 SF
TOTAL IMPACT AREA - 5194.71 SF	



- EXISTING DRAINAGE**
- 3 STA 6+230.4 - STA 6+249.2 LT
REMOVE EXISTING 460 mm CPEP
 - 4 STA 6+338.7 C/L
REMOVE EXISTING 380 mm RCP AND HEADWALL
- NEW DRAINAGE**
- 17 STA 6+102.0 - STA 6+312.0 LT
CONSTRUCT GRASS-TREATMENT SWALE SEE DETAIL SHEETS (EXCLUDES DRIVE)
 - 19 STA 6+235.9, 13.9M - STA 6+250.3, 13.8M LT
NEW 450 mm x 14.3 M CPEP

- NEW DRAINAGE**
- 20 STA 6+336.9, 15.9M RT - STA 6+340.9, 14.4M LT
NEW 600 mm x 30.5 M CPEP STONE FILL, TYPE III AT OUTLET (L=2.6M, W=0.9M, D=0.6M)
 - 21 STA 6+337.9, 19.1M - STA 6+356.1, 13.1M RT
NEW 450 mm x 18.5 M CPEP STONE FILL, TYPE I AT OUTLET (L=1.6M, W=0.9M, D=0.3M)
 - 22 STA 6+360.0 - STA 6+400.0 RT
CONSTRUCT GRASS-TREATMENT SWALE SEE DETAIL SHEETS

- 200 mm UNDERDRAIN**
- U9 STA 6+104.0 - STA 6+228.1 RT
NEW 200 mm x 124 M UNDERDRAIN W/FLUSHING BASIN AT STA 6+104.0
 - U10 STA 6+228.1 - STA 6+228.1 RT
NEW 200 mm x 13 M UNDERDRAIN CARRIER PIPE
 - U11 STA 6+235.0 - STA 6+289.0 RT
NEW 200 mm x 54 M UNDERDRAIN W/FLUSHING BASIN AT STA 6+235.0

- 200 mm UNDERDRAIN**
- U12 STA 6+289.0 - STA 6+327.8 RT
NEW 200 mm x 40 M UNDERDRAIN CARRIER PIPE
 - U13 STA 6+380.4 - STA 6+395.0 LT
NEW 200 mm x 17 M UNDERDRAIN CARRIER PIPE



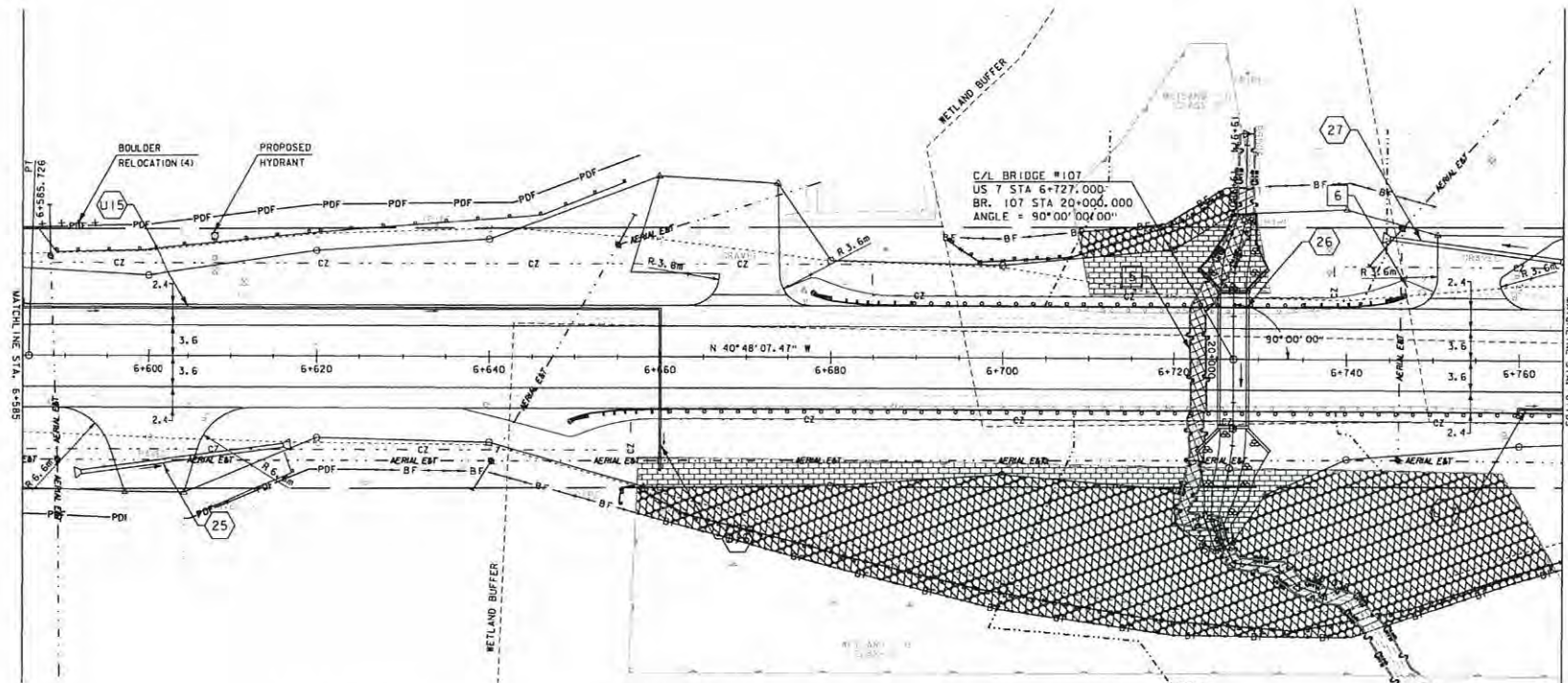
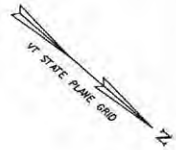
PROJECT NAME: PITTSFORD	
PROJECT NUMBER: NH 019-3(491)	
FILE NAME: 858008/DESIGN/858008.rvt.dgn	PLOT DATE: 01-MAY-2019
PROJECT LEADER: B. MARTIN	DRAWN BY: A. KEMPTON
DESIGNED BY: A. KEMPTON	CHECKED BY: J. FLOOD
PLAN SHEET 6	SHEET 5 OF 44

STA. 6+210.0 - STA. 6+395.0

LEGEND

- PERMANENT OHW IMPACT - 842.07 SF
- TEMPORARY OHW IMPACT - 464.25 SF
- PERMANENT WETLAND IMPACT - 3637.34 SF
- TEMPORARY WETLAND IMPACT - 14822.78 SF

TOTAL IMPACT AREA - 19766.44 SF



- EXISTING DRAINAGE**
- 5 STA 6+722.7 C/L
REMOVAL OF EXISTING STRUCTURE
 - 6 STA 6+745.8 - STA 6+763.2 LT
REMOVAL EXISTING 310 mm CGMP

- NEW DRAINAGE**
- 25 STA 6+591.9, 13.5M - STA 6+616.2, 10.3M RT
NEW 450 mm x 24.4 M CPEP
REMOVE EXISTING DRIVE PIPE
 - 26 STA 6+727.0 C/L
NEW 3.05 M x 2.13 M PRECAST RCB
WITH WING WALLS (SEE BRIDGE DETAILS)
STONE FILL, TYPE E2 AT INLET
STONE FILL, TYPE E2 AT OUTLET
 - 27 STA 6+745.0, 14.1M - STA 6+764.7, 11.6M LT
NEW 450 mm x 19.9 M CPEP

- 200 mm UNDERDRAIN**
- U15 STA 6+585.0 - STA 6+660.0 LT
NEW 200 mm x 75 M UNDERDRAIN
W/FLUSHING BASIN AT STA 6+585.0
 - U16 STA 6+660.0 LT - STA 6+660.0 RT
NEW 200 mm x 18 M UNDERDRAIN
CARRIER PIPE
 - U17 STA 6+760.0 - STA 6+945.0 RT
NEW 200 mm x 185 M UNDERDRAIN
W/FLUSHING BASIN AT STA 6+760.0



STA. 6+585.0 - STA. 6+765.0

PROJECT NAME: PITTSFORD
 PROJECT NUMBER: NH 019-3(491)

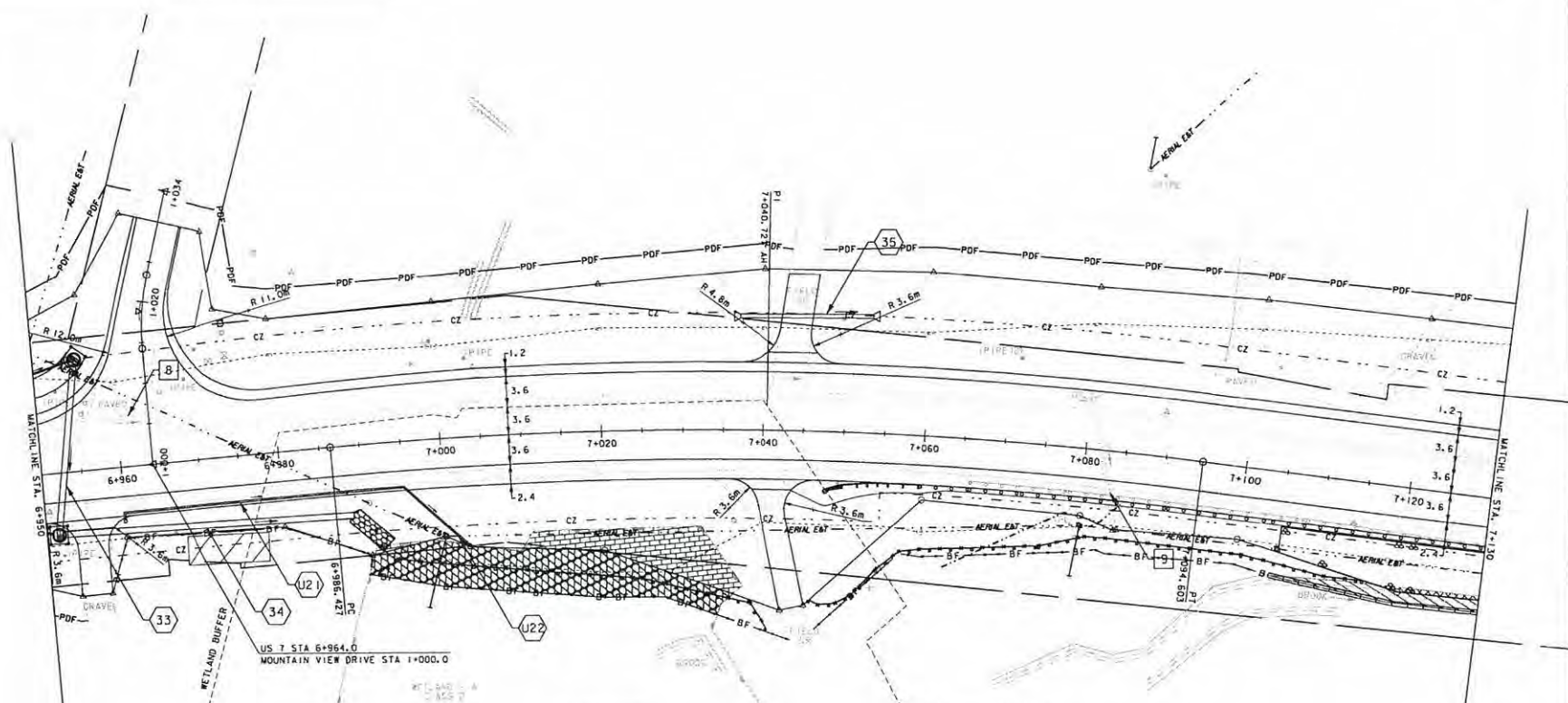
FILE NAME: 85B008/DESIGN/085B008.nul.dgn PLOT DATE: 05-JUN-2019
 PROJECT LEADER: B. MARTIN DRAWN BY: A. KEMPTON
 DESIGNED BY: A. KEMPTON CHECKED BY: J. FLOOD
 PLAN SHEET B SHEET 6 OF 44



LEGEND

- PERMANENT OHW IMPACT - 66.09 SF
- TEMPORARY OHW IMPACT - 343.69 SF
- PERMANENT WETLAND IMPACT - 1111.71 SF
- TEMPORARY WETLAND IMPACT - 2161.84 SF

TOTAL IMPACT AREA - 3683.33 SF



- EXISTING DRAINAGE**
- 8** STA 6+953.9 - STA 6+966.1 LT
REMOVE EXISTING 310 mm CGMP
 - 9** STA 7+080.2 LT - STA 7+084.3 RT
REMOVE EXISTING 380 mm RCP
AND DI

- NEW DRAINAGE**
- 33** STA 6+951.6, 7.0M RT - STA 6+955.2, 13.1M LT
NEW 750 mm x 20.4 M CPEP WITH
NEW CB & 2 GRATES TYPE A AT STA 6+955.3 LT
 - 34** STA 6+952.0, 7.6M - STA 6+988.7, 8.6M RT
NEW 750 mm x 36.6 M CPEP WITH
NEW CB GRATE TYPE A AT STA 6+951.5 RT
STONE FILL, TYPE 11 AT OUTLET
(L=5.5M, W=2.0M, D=0.6M)
 - 35** STA 7+037.1, 14.0M - STA 7+053.1, 14.4M LT
NEW 450 mm x 16.5 M CPEP
REMOVE EXISTING DRIVE PIPE

- 200 mm UNDERDRAIN**
- U2** STA 6+960.0 - STA 6+995.0 RT
NEW 200 mm x 35 M UNDERDRAIN
W/FLUSHING BASIN AT STA 6+960.0
 - U22** STA 6+995.0 - STA 7+003.2 RT
NEW 200 mm x 11 M UNDERDRAIN
CARRIER PIPE



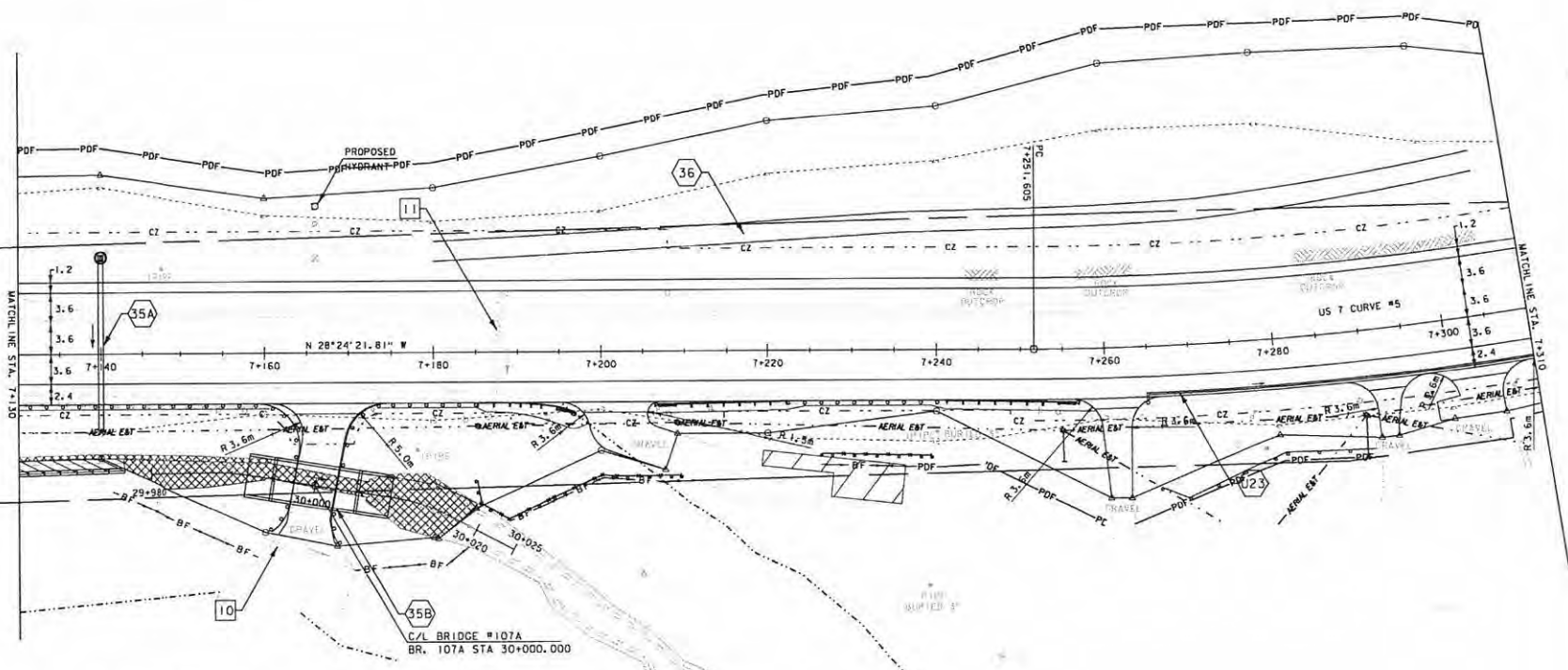
STA. 6+950.0 - STA. 7+130.0

PROJECT NAME: PITTSFORD
PROJECT NUMBER: NH 019-3(491)

FILE NAME: 858008/DESIGN/d858008.nwd PLOT DATE: 01-MAY-2019
PROJECT LEADER: B. MARTIN DRAWN BY: A. KEMPTON
DESIGNED BY: A. KEMPTON CHECKED BY: J. FLOOD
PLAN SHEET 10 SHEET 8 OF 44



LEGEND	
	PERMANANT OHW IMPACT - 1644.95 SF
	TEMPORARY OHW IMPACT - 201.07 SF
	PERMANENT WETLAND IMPACT - 0 SF
	TEMPORARY WETLAND IMPACT - 0 SF
TOTAL IMPACT AREA - 1846.02 SF	



- | EXISTING DRAINAGE | NEW DRAINAGE |
|---|--|
| <p>10 STA 7+156.7 - STA 7+172.0 RT
RETAIN EXISTING 460 mm CGMP</p> <p>11 STA 7+187.6 C/L
REMOVE EXISTING 380 mm RCP</p> <p style="text-align: center;">200 mm UNDERDRAIN</p> <p>123 STA 7+265.0 - STA 7+475.0 RT
NEW 200 mm x 213 M UNDERDRAIN
W/FLUSHING BASIN AT STA 7+265.0</p> | <p>35A STA 7+140.0, 10.9M LT - STA 7+140.0, 9.1M RT
NEW 600 mm x 20.0 M CPEP WITH
NEW CB GRATE TYPE A AT STA 7+140.0 LT</p> <p>35B STA 7+157.5 - STA 7+175.3 RT
NEW 4.57 M x 2.44 M PRECAST RCB
W/ MITERED WING WALLS (SEE BRIDGE DETAILS)
STONE FILL, TYPE E3 AT INLET & OUTLET
REMOVE EXISTING 1.83 M PIPE</p> <p>36 STA 7+180.0 - STA 7+306.0 LT
CONSTRUCT GRASS-TREATMENT SWALE
WITH BERM, SEE DETAIL SHEETS</p> |



STA. 7+130.0 - STA. 7+310.0	
PROJECT NAME:	PITTSFORD
PROJECT NUMBER:	NH 019-3(491)
FILE NAME:	B58008/DESIGN/d85b008.nul.dgn
PLOT DATE:	05-JUN-2019
PROJECT LEADER:	B. MARTIN
DRAWN BY:	A. KEMPTON
DESIGNED BY:	A. KEMPTON
CHECKED BY:	J. FLOOD
PLAN SHEET #	SHEET 9 OF 44