



Northeastern Transportation and Wildlife Conference

Streamlining emergency coordination for engineering and the environment

Pre Planning the Event

9/12/2016

- New York State Department of Transportation
- New York State Department of Environmental Conservation
- Adirondack Park Agency

Hurricane Irene



Route 9N, Keene, NY

Saranac River Slope Failure

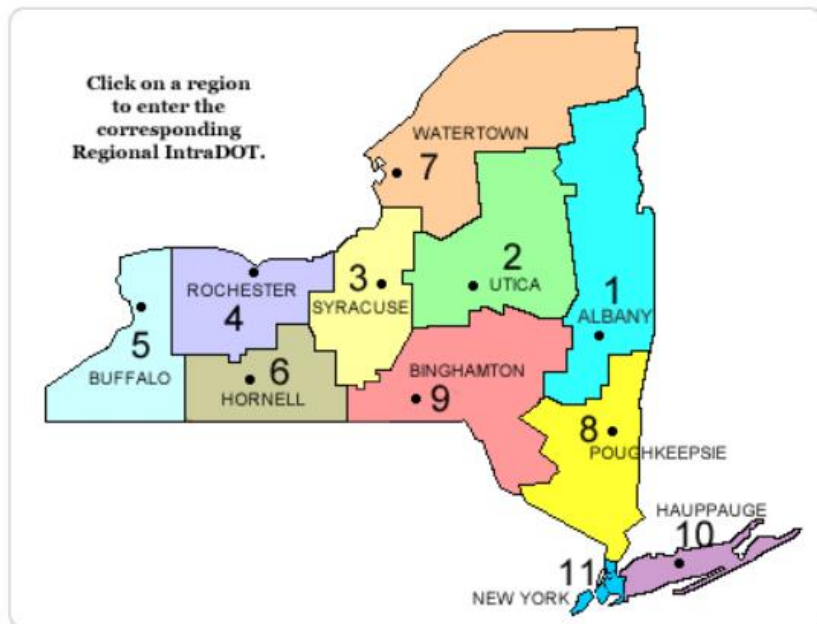


NYS Route 3, Riverview

NYSDOT Emergency Action Plan

- Governors Executive Order
 - E.O. #26 3/5/1999
 - All State Agencies shall use the National Interagency Incident Management System (NIIMS)
 - Incidents shall be managed using the Incident Command System
- NYSDOT Regional Incident reporting system
 - Low , Minor ,< 30 min., Intermediate , 30 min. to 3 hours
 - Major (Level 1) Events that have a severe traffic impact or safety risk. Generally >3 hours duration.
- Defining the emergency
- Action Planning / Alternatives
- Notifications / Permitting

NYS DOT R7 ASSET MANAGEMENT



1252 Bridges (> 20')


671 Large Culverts (5' – 20')

9142 Small Culverts (< 5')

3500 Lane Miles Highways

Inspection cycles are subject to change based upon rating criteria

NYSDOT Inspection Guidelines

To:		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 10-016
Title: INSPECTION FLAGGING PROCEDURE FOR BRIDGES			
Distribution: <input type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Agencies (32)		Approved: <input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Contractors (39) D _____ ()	
		/s/Arthur P. Yannotti Arthur P. Yannotti, P.E. Acting Deputy Chief Engineer (Structures)	
		6/2/10 Date	

ADMINISTRATIVE INFORMATION:

- Effective Date: This Engineering Instruction is effective from July 1, 2010.
- Superseded Issuances: None
- Disposition of Issued Materials: The attached procedure replaces Appendix I of the Bridge Inspection Manual.

PURPOSE: The purpose of this EI is to issue the revised Flagging Procedure for Bridges that resides as Appendix I of the Bridge Inspection Manual.

TECHNICAL INFORMATION:

- The flagging procedure is being revised to accommodate changes in practice and to incorporate electronic communication option.
- Changes Being Affected By This Issuance: Bridge Inspection Flagging Procedure
- There is no significant impact on cost.

IMPLEMENTATION:

- The Main Office Bridge Inspection Unit will replace the old Appendix I with the attached revised procedure and inform all relevant inspection personnel and bridge authorities in the New York State.

TRANSMITTED MATERIALS: Revised “Inspection Flagging Procedure for Bridges” (Appendix I of the Bridge Inspection Manual), dated July 1, 2010 is attached.

CONTACT: Direct questions regarding this issuance to Bridge Inspection Unit Supervisor of the Office of Structures at (518) 457-5498.



**Department of
Transportation**

NYSDOT RED FLAG PROCEDURE

- Observation
- Prompt Interim Action
- Prepare Flagged Bridge Report
- Verbal Notification of Regional Bridge Engineer
- Verbal Notification of Responsible Party
- Decision on Prompt Interim Action Flags
- Flag Documentation

Outstanding Flags (all bridges)		
Flag Type	Local	State
Red	0 Active (4 Inactive)	0 Active (2 inactive)
Yellow	23	15
Safety	18	3

State Culvert Flags	
FLAG TYPE	January 2015
RED	1 Active 5 Inactive
YELLOW	20
SAFETY	22



“EMERGENCY DEFINITION”

- The situation is an emergency based on the immediate protection of life, health, general welfare, property or natural resources. (6 NYCRR Part 621.12)
- An “emergency” is a situation which would result in an unacceptable hazard to life, a significant loss of property, or an immediate, unforeseen, and significant economic hardship if corrective action requiring a permit is not undertaken within a time period less than the normal time needed to process the application under standard procedures. (USACE)
- Regional “Finding of Emergency” by the Regional Director (NYSDOT)

UPA 621.12: Emergency authorizations

If prior notice is not possible, a state or local government agency may take immediate action, but must notify the Department's Regional Permit Administrator within 24 hours of taking action. The notification must provide the Department a basis on which to issue an Emergency Authorization

UPA 621.12: Emergency authorizations

Prior to issuing an emergency authorization DEC must:

- Make a finding of emergency; “Presents an immediately threat to life, health, property, general welfare or natural resources.”
- Project will be carried out in a manner that will cause the least change, modification or adverse impact to life, health, property or natural resources



Adirondack Park Agency Emergency Certifications

Criteria:

- An *emergency* exists or existed
- The *emergency project* is or was immediately necessary for protection of life or property
- The *emergency project* is or was limited to what is necessary to respond to the emergency

NYSDOT Offsite Resource Inventory

- Key Map
- Culvert Inspection
- Inspection flagging documentation
- Stream Stats
- USDA Soil survey
- Office
 - Section 7 threatened and endangered species IPAC Screening
 - NYSDEC environmental viewer
- Wetland delineation –off site
- Condition photos
- USACE emergency procedures
- Emergency declaration
 - Internal
 - Regulatory
- ¹² Regulatory notifications (email, phone ect.)

NYSDOT Onsite Resource Inventory/Analysis

- NYSDOT On site inspections - Culvert form
- Field site photos
- Wetland delineation
- Stream field sections
- Section 7 field screening / finding verification
- Section 106 field screening / finding verification

On site Questions:**Inspection Date:** 12/9/2015

Culvert Form

1. ☒ Yes ☐ No Is water flowing thru the culvert? If yes, water depth in culvert? 2"
2. Height of ordinary high water mark at the invert of the culvert? 18"
3. Slope of the waterway reach
Above culvert: ☐ 0 - 1% ☒ 1-4% ☐ >4%
Below culvert: ☐ 0 - 1% ☒ 1-4% ☐ >4%
4. General description of the bottom material
In culvert: ☐ Unconsolidated ☐ Stone ☐ concrete ☒ metal ☐ Plastic
Inlet: ☐ Unconsolidated ☐ Stone ☐ concrete ☒ metal ☐ Plastic
Outlet: ☐ Unconsolidated ☐ Stone ☐ concrete ☒ metal ☐ Plastic
Reach above: ☒ Unconsolidated native ☐ native stone ☐ manufactured stone
Reach below: ☒ Unconsolidated native ☐ native stone ☐ manufactured stone
5. ☐ Yes ☒ No Do natural or man-made barriers to fauna passage exist?
6. ☐ Yes ☒ No Does a low flow path/channel exist thru the culvert?
7. ☐ narrower ☒ matched ☐ wider What is the culvert width in relation to stream chan
8. Is the presence or passage likely for;
☒ Yes ☐ No Fish
☒ Yes ☐ No Aquatic organisms
☒ Yes ☐ No Other wildlife
9. ☐ Yes ☒ No Is the culvert perched? If yes, depth: _____
10. Do pools exist at the; ☐ Inlet Depth: _____
☒ Outlet Depth 12"
☐ Upstream Depth: _____
☐ Downstream Depth: _____
11. ☐ Yes ☒ No Is vegetation shading the reach above or below the culvert?
12. ☐ Yes ☒ No Will tree (>4" Dia.) removal be required?
13. ☐ Yes ☒ No Is there connectivity to a NYSDEC wetland at the outlet and/or inlet?
14. ☒ Yes ☐ No Is a wetland delineation required?
15. Adjacent land use;
Above culvert: ☐ residential ☐ agricultural ☐ commercial ☐ natural ☒ wetland
Below culvert: ☐ residential ☐ agricultural ☐ commercial ☒ natural ☐ wetland
16. ☒ Yes ☐ No Is the culvert in alignment with the waterway?
17. ☐ Yes ☒ No* Are invasive species present?
18. ☐ Yes ☒ No Are there any indications of illicit discharges present?
19. ☐ Yes ☒ No Is beaver activity affecting the culvert?
20. ☐ Yes ☒ No Is a regulatory agency on-site review recommended?

* For this screening reed canary grass is not considered invasive

Photos: See next page for locations. Date: _____Reviewer's: John Falge Date: 12/9/2015 Weather: _____**Department of
Transportation**

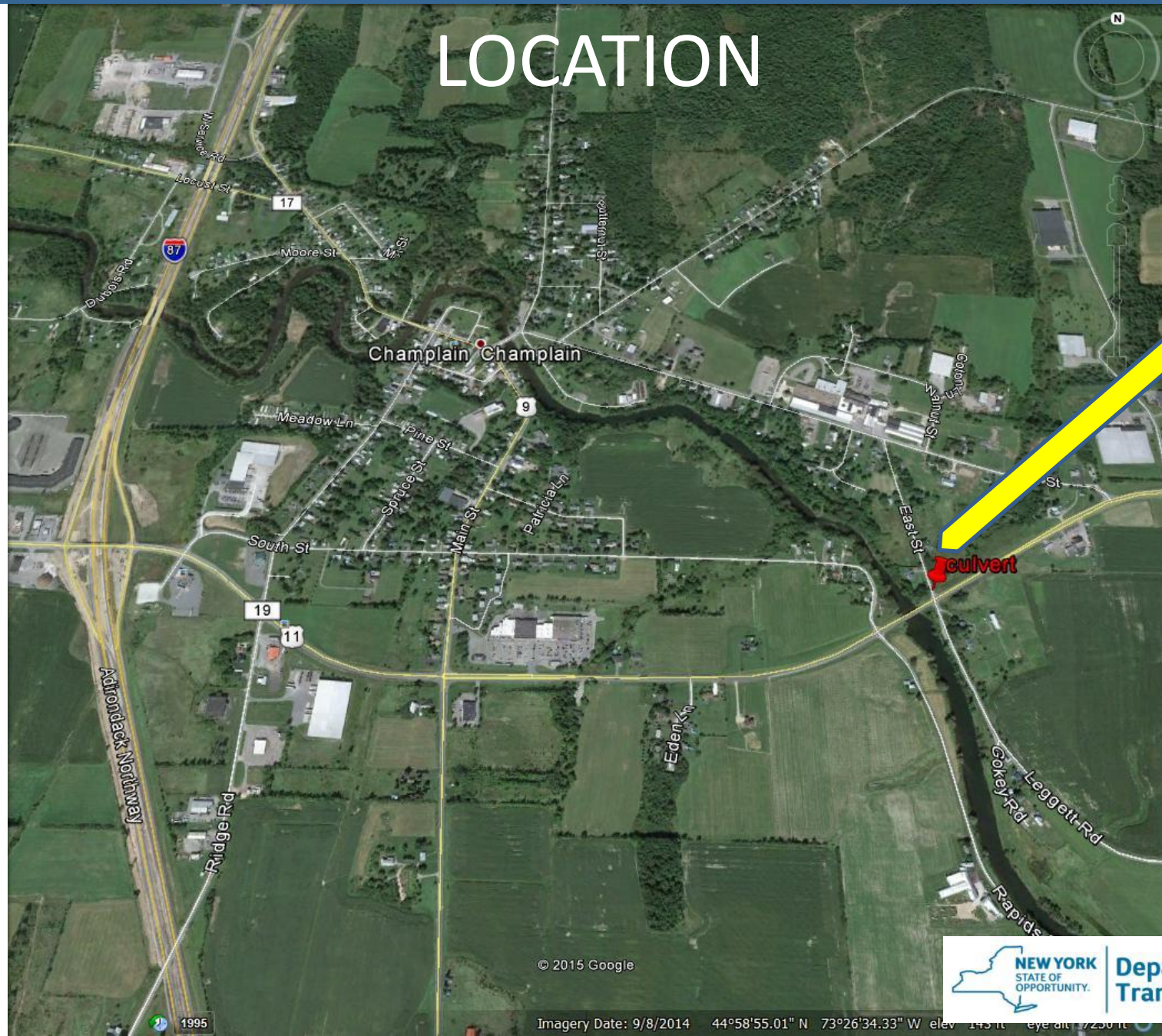
REGULATORY COMPLIANCE

- USACE Compliance Certification
- NYSDEC Compliance Certification
- FEMA Documentation
- Adirondack Park Agency

262924 Emergency Culvert Replacement Case Study

- **12/1/2015** Culvert Inspection
 - Red Flag Determination
- NYSDOT Regional Incident reporting system
 - Major (Level 1) Events that have a severe traffic impact or safety risk.
- **12/4/2015** Uniform Procedures Act – “Finding of Emergency”
 - Notifications
- **12/9/2015** On Site Environmental Resource Inventory and Analysis
 - Alternative Analysis / Engineering Design
- **12/11/2015** Environmental Permitting - Regulatory Coordination
 - LEPDA determination
 - Initial submission to NYSDEC – USACE
 - USACE PCN concurrence 12/17/2015
 - NYSDEC Blanket Water Quality Certification
- In Water construction begins
- **12/21/2015** Project Complete
- **12/23/2015** Regulatory Certifications

LOCATION

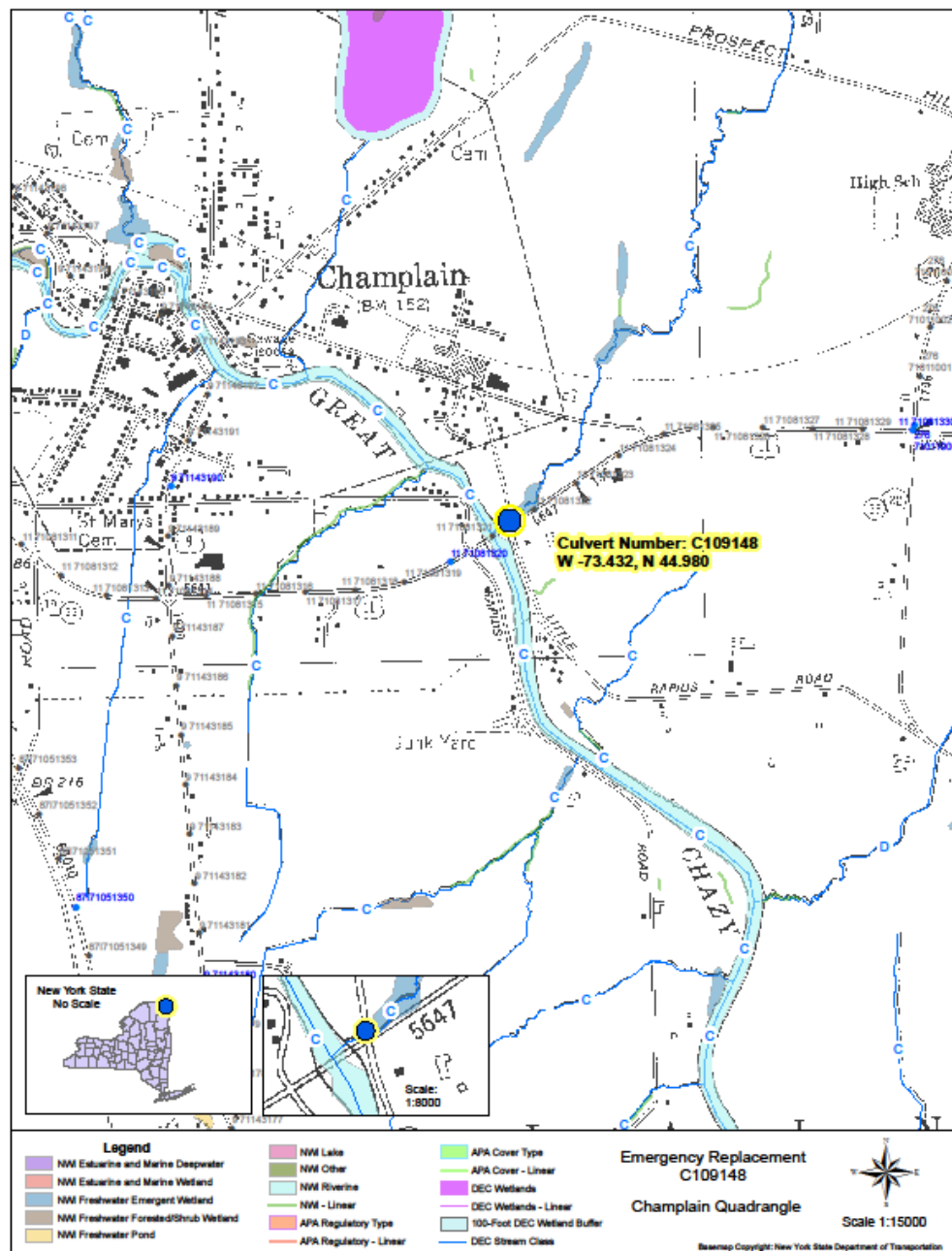


REGULATORY COORDINATION

Environmental

Inventory and Analysis

- U.S. ARMY Corps of Engineers
- NYSDEC Region 5, Ray Brook
- U.S. Fish & Wildlife Service, Section 7
- SHPO / Section 106
- USDA NRCS



Department of
Transportation

SITE PHOTO INDEX

Environmental Screening On-site Culvert Inspection

D262924 Emergency Standby

Reference Marker: 11 7308 1320

CIN: 109148 Size/Description: 72" x 44" Corrugated metal pipe

NYSDEC Region: 9 NYSDEC Type/Class: C/C Wetlands: PBM1E / No State

U.S.G.S. Quad: Champlain

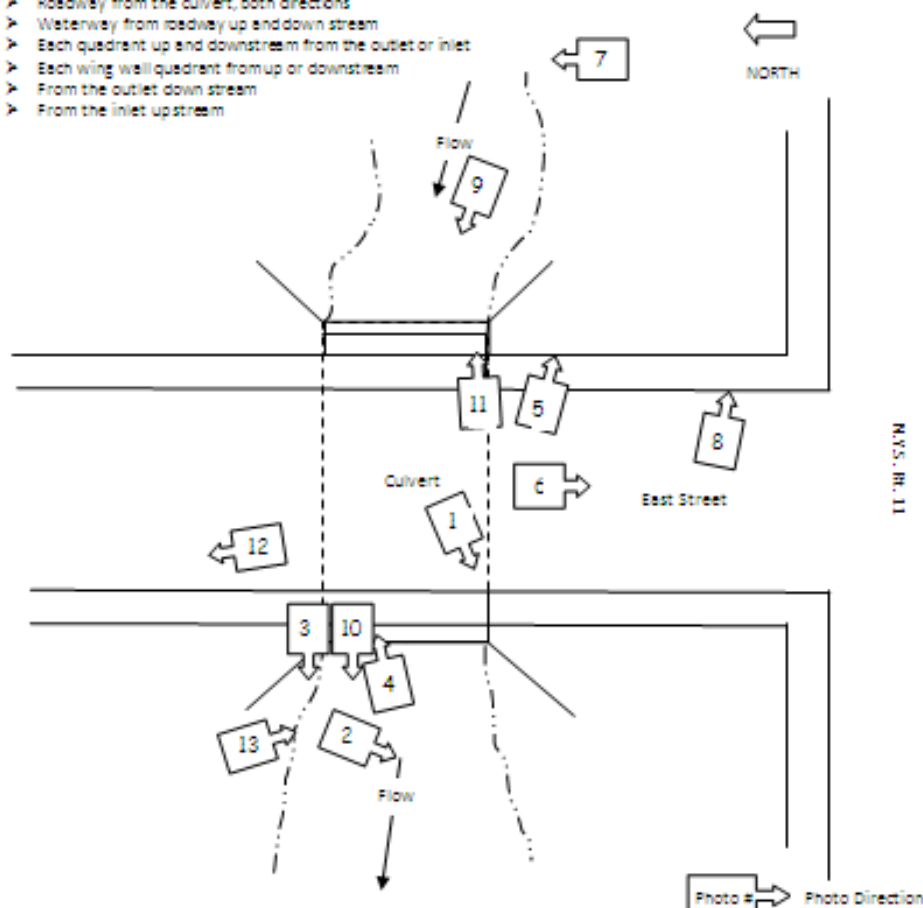
Waterway/Stream name: UpKogawTrib.

USACE District: New York

Latitude: -73.432 Longitude: 44.980

Photo Key

- Roadway from the culvert, both directions
- Waterway from roadway up and down stream
- Each quadrant up and downstream from the outlet or inlet
- Each wing wall quadrant from up or downstream
- From the outlet down stream
- From the inlet upstream



Notes:

Highlight photos taken



Department of
Transportation

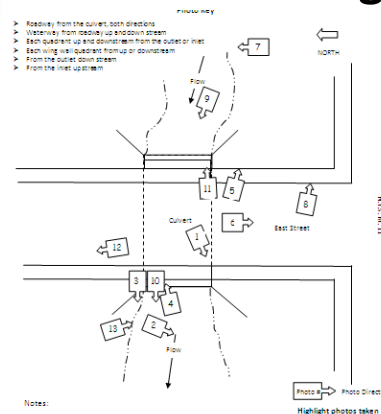
D262924 Emergency Culvert Replacement



Figure 1 At the culvert looking SW toward NYS Rt.11. Note the Great Chazy River at right side of photo.



Figure 2 Outlet photo showing raccoon tracks.



D262924 Emergency Culvert Replacement



Figure 3 Outlet channel looking west from culvert. Small pool at the outlet. Typical section taken near the top of the photo.



Figure 4 at the outlet of the culvert looking up toward the road surface. 15' +/- cover over the culvert.

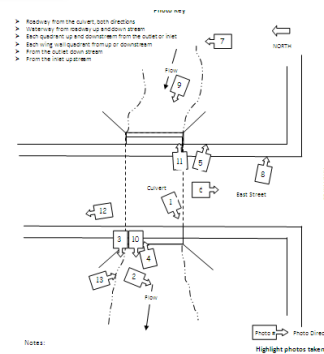
D262924 Emergency Culvert Replacement



Figure 5 From roadway looking E at Rt.11 and stream inlet.



Figure 6 Road signage location Note upstream wetland.



D262924 Emergency Culvert Replacement

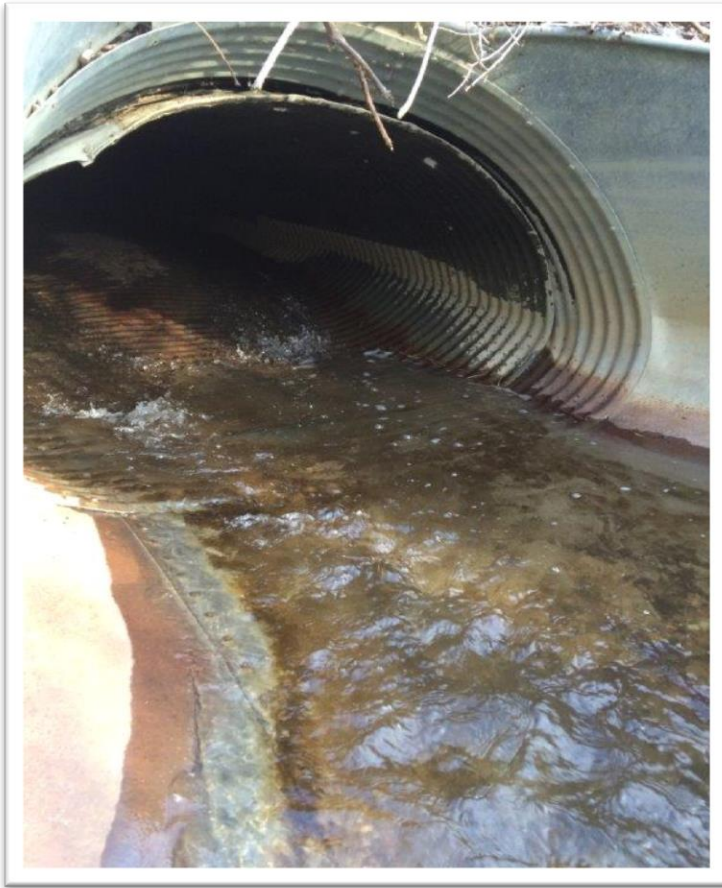
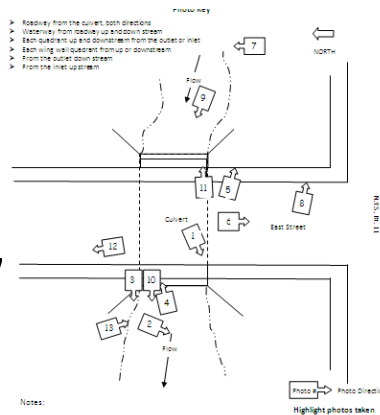


Figure 7 Outlet location showing signs of structural failure and flow channel width of 5" +/- . Note no native material in the pipe.



Figure 8 Upstream section location where the channel was measured.



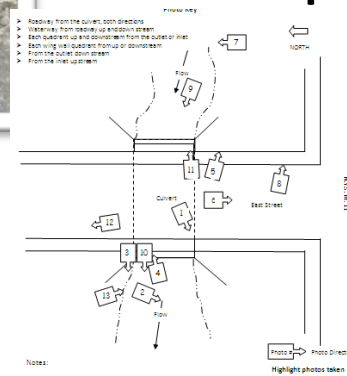
D262924 Emergency Culvert Replacement



Figure 9 Outlet flow at the end section



Figure 10 Adjacent downstream property



D262924 Emergency Culvert Replacement



Figure 10 From road looking W. Note Great Chazy river at the top of the photo.

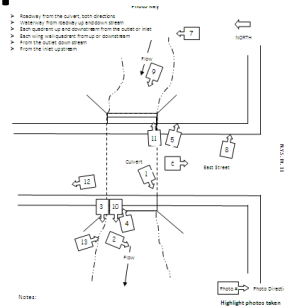


Figure 11 Upstream looking E from road. Wetland and associated stream channel. NYS Rt. 11 embankment to the right.

CONSTRUCTION EMERGENCY CONTRACT

**Contract Notes
Plans
Specifications
Certifications**

CONSTRUCTION NOTES

Special Note

Notifications - Environmental EMERGENCY AUTHORIZATIONS

Uniform Procedures Act - 6NYCRR Part 621.12

This note applies to emergency work that may involve environmental resources such as waterways, wetlands, endangered species, historic properties, cultural resources, forest preserve, scenic vistas, and “critical environment areas”.

Emergencies dictate a prompt response to events that immediately threaten life, health, property or natural resources. The environmental regulatory agencies recognize that emergency situations develop that the Department of Transportation (DOT) has an obligation to ameliorate as an emergency site condition. Under these circumstances, regulatory agencies can expedite project review and issuance of Emergency Authorization (EA) decisions. Part 621 of the N.Y.S. Environmental Conservation law, also provides for immediate action by state government agencies, but requires the DOT to notify the regulators as follows: (see table 1.1 for environmental regulators by County)

Within 24 hours of taking action.

Additional information from the DOT no later than 24 hours after the initial notification. This additional information must be sufficient to provide the Regulatory Agency a basis on which to concur or make an EA.

EA's can only be issued for a period of up to 30 days and renewed for up to an additional 30 day period. Project continuation beyond that 60 day period can only be accomplished by submitting a completed application for and receiving a regular permit. If necessary, the regulators can summarily order a suspension of work if no EA has been granted or it finds the emergency finding no longer applies. Regulators may order remedial work as written in the EA.

CONSTRUCTION NOTES

The Department of Transportation shall:

1. Make a written "**Finding of Emergency**" stating why the immediate action is needed (generally speaking an emergency declaration by the Federal government, N.Y.S. or a local government fulfills this criterion, although the DOT can make their own finding).
2. Make the Regulatory notifications and provide the required information within the time frames stated above.
3. Approve materials, techniques and methodologies for construction activities to be carried out in a manner which causes the least change, modification or adverse impact to life, property or natural resources.
4. After stabilizing the emergency site, proceed under conditions to assure compliance with the EA or other regulatory standards normally applicable absent the emergency.

The contractor shall:

Verify notification of environmental agencies.

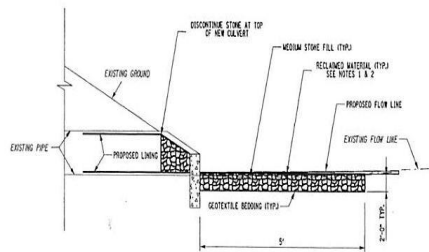
1. Provide DOT staff supporting permit documentation for proposed construction activities that may affect environmental resources, including, but not limited to, schedules, materials, access, and construction techniques.
2. Pay for any permits, licenses or fees that are required to perform the work. (ie. Hauling permits, dumping permits, permits for borrow pits, surplus material areas, staging areas, equipment storage areas, batch plants or any ancillary facilities beyond the project boundaries. etc.)

Aquatic Life Passage

Low flow passage

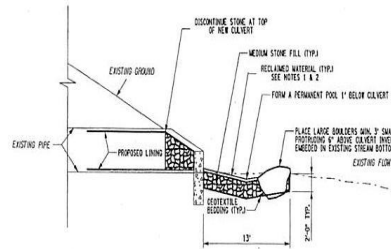
- 7Q2
- Fishx
- Backwatering

Aquatic Life Passage

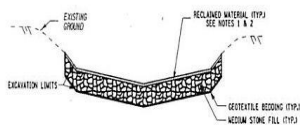


RECEIVED
SEP - 9 2015
NYSDDEC - REGION 5
ENVIRONMENTAL PERMITS

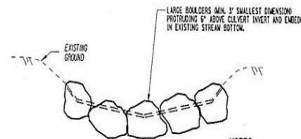
STONE APRON INLET
SECTION A-A
NOT TO SCALE



STONE APRON OUTLET
SECTION C-C
NOT TO SCALE



STONE APRON INLET
SECTION B-B
NOT TO SCALE



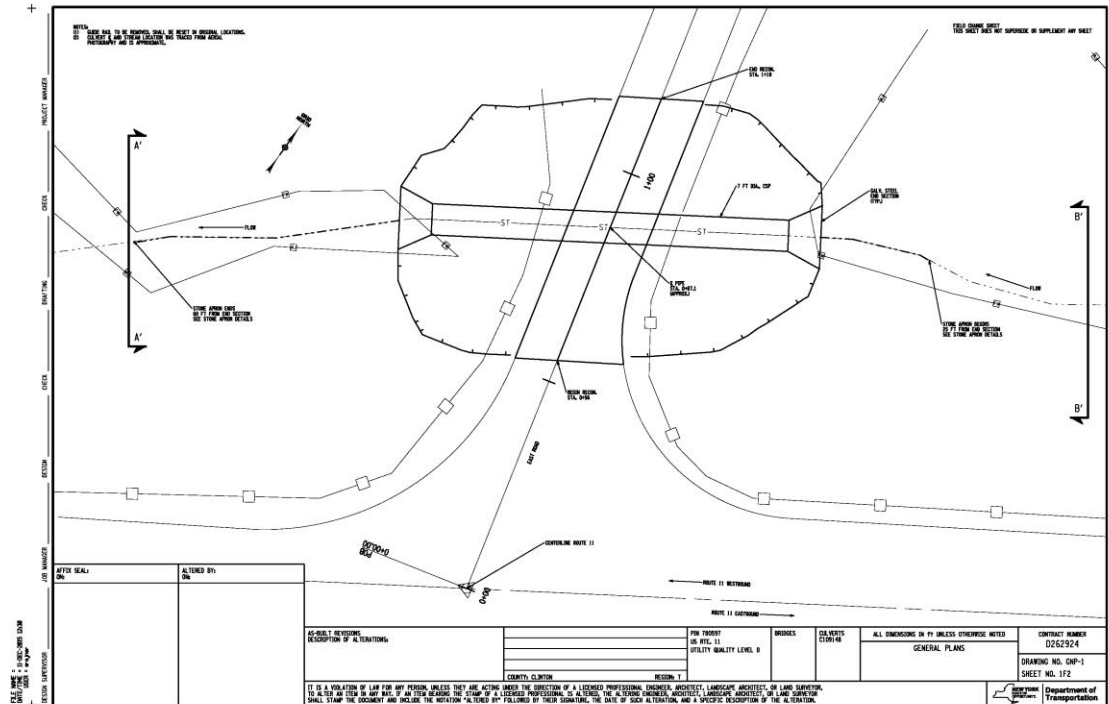
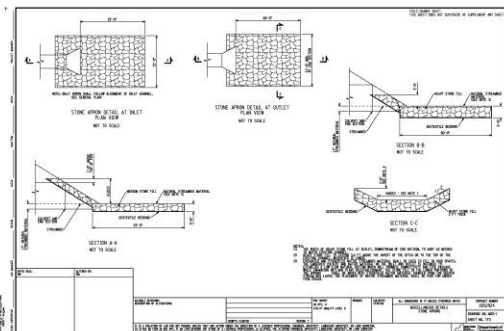
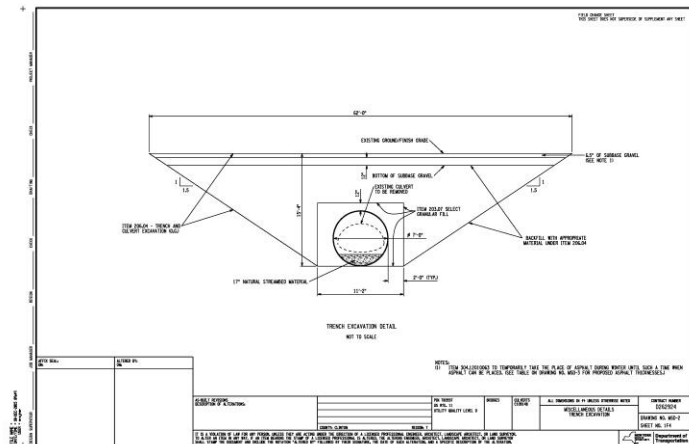
STONE APRON OUTLET
SECTION D-D
NOT TO SCALE

NOTES:
1. RECLAIMED MATERIAL SHD EXCAVATED AND STORED FILL TO MITIGATE IMPACT MATERIAL TO MEET THE SPECIFICATIONS FOR ITO
2. STONE FILL AND RECLAIM EXISTING FLOW LINE TO CHANNEL AND ELONGATE OUTLET OF THE REMAIN

Water Depth Inside Culvert (ft)				
	Existing 72" CMP		Proposed 60" CMP with Rock Weir	
	Distance from Inlet		Distance from Inlet	
Low Flow = 0.08 cfs (from DEC)	0		0.309	41.434
Median Flow = 0.91 cfs (from DEC)	0		0.43	42.226
Q2 = 33.20 cfs	1.783	39.542	1.903	38.379
Q50 = 92.60 cfs	2.981	49.093	3.231	49.958
Q100 = 106.00 cfs	3.224	43.679	3.531	42.02

CONSTRUCTION

- Accelerated project design and plans
- Environmental resource protection
- Hydraulic alternative analysis



SEQR - Construction Consistency Certification

The work proposed has been reviewed using 17 NYCRR, Part 15 of the New York State Environmental Quality Review Act (SEQR). The proposed actions to be undertaken, as part of the project, have been determined to be minor in nature and classified as exempt, excluded or Type II actions. After engineering and environmental analysis, the proposed work has been deemed not to have a significant effect on the environment.

The action has been reviewed for indirect, secondary or cumulative impacts to environmental resources. Information on the locations of environmental resources can be found at www.nysdot.gov/divisions/engineering/environmental-analysis, Regulatory Agencies or by contacting the New York State Department of Transportation Environmental Staff.

Upon site review, if the proposed work has the potential to impact environmental resources, the SEQR determination may need to change and additional reviews, and for regulatory permits secured. The thresholds noted below MUST NOT be exceeded to maintain the proper environmental determinations.

Thresholds

1. No Acquisition of any occupied buildings.
2. No Significant changes in traffic volume, vehicle mix, local travel patterns or access.
3. No inconsistencies with current plans and goals of local government bodies.
4. No physical alteration or disturbance > 1 acre.
5. No adverse effect on any building > 50 years old or any bridge listed on the Department's historic bridge survey.
6. No more than minor alteration or adverse effects upon any property, protected area, or environmental resource of significance including but not limited to:

Environmental Resources Screened

- | | |
|---|--|
| <input type="checkbox"/> Wetlands (APA, USACOE & NYSDEC) | <input type="checkbox"/> Forest Preserve |
| <input type="checkbox"/> Flood Plain areas | <input type="checkbox"/> Rare, Endangered or Threatened wild life species |
| <input type="checkbox"/> Prime or unique agricultural land | <input type="checkbox"/> Work within a designated critical environmental area |
| <input type="checkbox"/> Lakes, rivers, streams and other water resources | <input type="checkbox"/> Subsurface work in proximity to existing or historic gas stations, spill sites or hazardous waste |
| <input type="checkbox"/> Water supply resources | <input type="checkbox"/> Visual Quality |
| <input type="checkbox"/> Wild, Scenic and Recreational rivers | |

If project actions are proposed that exceed any of the above thresholds, relative to the resources screened, additional information for re-classification and regulatory processing shall be necessary. The contractor shall be responsible for supplying supplemental information for the proposed work, materials, timing or methodology necessary to meet Regulatory requirements prior to commencement of work. Delays or extra costs associated with additional permits or approvals shall be the responsibility of the contractor.

As proposed, we certify the above determination is consistent with the SEQR Laws, Rules and Regulations of New York State.

Environmental Review

12-15-2015
Date

Signature

Environmental Reviewer: John M. Falge
Construction Environmental Coordinator

Construction Review

12-15-2015
Date

Signature

Construction: Gary McKinney
Regional Construction Engineer

SEQR / NEPA CONSTRUCTION CERTIFICATION

CONSTRUCTION EMERGENCY CONTRACT

**D262924, Reale Construction Inc.
Tom Maroun, Engineer In Charge**

STARTUP



- Traffic Controls (Closure)
- Material storage and stockpiling
- Mobilization

COFFERDAMS – MAINTAINING FLOWS

- Inlet



- Cofferdam



- Outlet

EXCAVATION / PIPE PLACEMENT



PIPE INSTALLATION



Existing 72" x 44" Arch

Replacement
84" Round
Corrugated Metal Pipe



Embedded 16" +/-

PIPE INSTALLATION



SITE RESTORATION

Aquatic Life Passage

USGS NY WSC Streamflow Estimation Tool (NYSET)

NYSET B Brook8/13/2015Page 1 of 4

Summary Report by: jon

Date: 8/13/15

Project Description:

Reference streamgage: 04275500 Ausable River near Au Sable Forks, NY
 Correlation coefficient: 0.90
 Distance from ungaged site: 18.38

Basin characteristics	Ungaged site	Reference streamgage	Range*	Units	Percent different from reference gage	Streamflow statistics for ungaged site, 1961 - 2010, in cubic feet per second
Drainage area	1.57	445.00	3.14-4,780	miles squared	-99.65	Mean daily streamflow 1.91
Mean annual runoff, 1951 - 1980	18.10	20.80	11.6-37.4	inches	-12.98	Median daily streamflow 0.91
Percent of basin underlain by hydrologic soils group A	5.00	13.50	0.52-51.9	percent	-8.50	7Q2 0.08
Percent of basin underlain by hydrologic soils group B	2.00	11.00	1.16-69.6	percent	-9.00	7Q10 0.01
Slope of lower half of channel	52.00	53.90	1.56-152	feet/ mile	-3.53	
Percent of basin above 1200 ft sea level	100.00	80.20	0.00-100	percent	19.80	Monthly streamflow statistics for ungaged site, 1961 - 2010 in cubic feet per second
Mean May precipitation, 1971 - 2000	3.30	3.70	3.15-5.68	inches	-10.81	Mean
Mean June precipitation, 1971 - 2000	3.98	4.14	3.59-5.33	inches	-3.86	January 1.20
Mean July precipitation, 1971 - 2000	4.07	4.24	3.20-5.26	inches	-4.01	February 0.91
Mean Summer precipitation, 1971 - 2000	12.80	12.90	10.48-15.51	inches	-0.78	March 2.22
Maximum June temperature, 1971 - 2000	73.20	71.90	68.8-78.8	degrees Fahrenheit	1.81	April 5.96
X location of basin centroid	579814.80	592992.13	-	UTM meters	-	May 4.05
Y location of basin centroid	4932532.60	4906186.75	-	UTM meters	-	June 1.64
X location of basin outlet	579705.00	607990.57	-	UTM meters	-	July 0.73
Y location of basin outlet	4931615.00	4922945.42	-	UTM meters	-	August 0.65
*Streamflow estimates may not be valid if value for ungaged site is outside of this range						September 0.77
						October 1.42
						November 1.95
						December 1.43



SITE RESTORATION – Embedded Pipe



Embedded 16" +/-



12/19/2015

INLET RESTORATION



SITE COMPLETE - INLET



12/21/2015

OUTLET RESTORATION





SITE COMPLETE - OUTLET

12/22/2015

SLOPE PROTECTIONS ROADWAY RESTORATION



REGULATORY COMPLETION

Notifications

- USACE District Offices
- NYSDOT Operations
- NYSDEC Regulatory Office
- Adirondack Park Agency

CONTACT EXCHANGE

Agency	Coverage	Name	Title	Phone	Cell	Fax	Email
NYS Department of Environmental Conservation Region 6, Watertown	Lewis St. Lawrence	Larry Ambeau Tom Voss Jessica Hart	Regional Permit Administrator Deputy Regional Permit Administrator Environmental Analyst	315-785-2247 315-785-2249 315-785-2246		315 -785-2242 315 -785-2242 315 -785-2242	Lawrence.ambeau@dec.ny.gov Thomas.voss@dec.ny.gov Jessica.hart@dec.ny.gov
U.S. Army Corps of Engineers – Buffalo District	Lewis St. Lawrence	Bridget Brown	Team Leader	315-255-8090		315-273-2055	Bridget.brown@usace.army.mil
Adirondack Park Agency	(Inside Park) Lewis, Clinton St. Lawrence	Tom Saehrig Richard Weber	Environmental Project Review Specialist Deputy Director of Regulatory Programs	518-891-4050 518-891-4050		518-891-3938 518-891-3938	thomas.saehtig@apa.ny.gov Richard.weber@apa.ny.gov
NYS Department of Environmental Conservation Region 5, Ray Brook	Franklin Clinton	Marc Migliore Erin Burns Erin Donhauser	Regional Permit Administrator Deputy Regional Permit Administrator Environmental Analyst	518-897-1238 518-623-1285 518-897-1234 518-897-1234		518 -897-1394 518 -897-1394 518 -897-1394	mark.migliore@dec.ny.gov Erin.burns@dec.ny.gov Erin.donhauser@dec.ny.gov
U.S. Army Corps of Engineers – N.Y. District		Christine DeLorier	NYSDOT Project Manager	518-273-7420		518-273-2055	Christine.delorier@usa.army.mil
NYSDOT Construction	Project EIC						
NYSDOT Construction	All	Gary McKinney	Regional Construction Engineer	315-785-2329	315-399-6478	315-785-2483	gary.mckinney@dot.ny.gov
NYSDOT Construction	All	Jeff Carpenter	Construction Supervisor	315-785-2307	315-778-2483	315-785-2483	Jeff.carpenter@dot.ny.gov
NYSDOT Construction	All	Kevin LaJuett	Construction Supervisor	315-785-2332	315-778-2555	315-785-2483	kevin.lajuett@dot.ny.gov
NYSDOT Construction	All	John Falge	CEC - Environmental	315-785-2343	315-778-2211	315-785-2315	john.falge@dot.ny.gov
NYSDOT Maintenance	All	Rick Hunkins	Maintenance Engineer	315-782-4473	315-412-3386	315-788-0971	rick.hunkins@dot.ny.gov
NYSDOT 7-1	Clinton	Val Basil	Resident Engineer	518-563-2020	518-944-7602	518-561-7315	val.basil@dot.ny.gov
NYSDOT 7-2	Franklin	Rob Haynes	Resident Engineer	518-483-0770	518-810-1013	518-483-8074	rob.haynes@dot.ny.gov
NYSDOT 7-3	Jefferson	Matt Bush	Resident Engineer	315-785-9317	315-276-5535	315-785-5635	Matt.bush@dot.ny.gov
NYSDOT 7-4	Lewis	Ken Bibbins	Resident Engineer	315-376-3523	315-214-9565	315-376-8478	Ken.bibbins@dot.ny.gov
NYSDOT 7-5	St. Lawrence	Ernie Olin	Resident Engineer	315-265-2320	315-323-8222	315-268-0512	ernest.olin@dot.ny.gov
NYSDOT Maintenance	All	Jim Ayers	MEC – Environmental	315-785-2318	315-276-5166	315-785-2320	james.ayers@dot.ny.gov
NYSDOT Region 7	All	Robert Peck	Environmental Manager	315-785-2350	315-778-3458	315-785-2576	robert.peck@dot.ny.gov
NYSDOT Region 7	All	Dennis Pawlicki	Regional Emergency Manager	315-785-2316	315-783-5336	315-785-2314	Dennis.pawlicki@dot.ny.gov

QUESTIONS ??

JOHN FALGE

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262924 Emergency Culvert Replacement Case Study

- **12/1/2015** Culvert Inspection
 - Red Flag Determination
- NYSDOT Regional Incident reporting system
 - Major (Level 1) Events that have a severe traffic impact or safety risk.
- **12/4/2015** Uniform Procedures Act – “Finding of Emergency”
 - Notifications
- **12/9/2015** On Site Environmental Resource Inventory and Analysis
 - Alternative Analysis / Engineering Design
- **12/11/2015** Environmental Permitting - Regulatory Coordination
 - LEPDA determination
 - Initial submission to NYSDEC – USACE
 - USACE PCN concurrence 12/17/2015
 - NYSDEC Blanket Water Quality Certification
- In Water construction begins
- **12/21/2015** Project Complete
- **12/23/2015** Regulatory Certifications