



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

Bureau of Highway Design
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July 14, 2017

Mr. Jerry P. Fortier
Project Director - Transmission
Northern Pass Transmission, LLC
PO Box 330
780 North Commercial Street
Manchester, NH 03105-0330

Dear Mr. Fortier:

The Department has reviewed the following Request for Exceptions to the NHDOT Utility Accommodation Manual (UAM) listed in the following table. The table also notes the decision of each request. The Notice of Decision is attached for each request.

Table with 2 columns: Exception Request No. and Decision. Rows include request numbers 39, 40 (Rev 1), 41, 42 (Rev 1), 45, 47, 48, 52 (Rev 1), 54, 55, 56, and 58 (Rev 1) with their respective decisions such as 'Rejected and Resubmit to Address Comments' or 'Approved with Conditions'.

If you have any questions regarding these decisions, please do not hesitate to contact me.

Sincerely,
Melodie Esterberg
Melodie A. Esterberg, P.E.
Chief of Design Services

MAE/me
CC: D. Rodrigue, A. Hanscom, P. Beaulieu

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	39
Section:	WBR3
Town:	Campton
Highway:	US 3
Station:	2186+45 to 2178+19
Drawing No.:	WBR3 C178 to C180
Exception Type:	HDD Pits within Pavement HDD Alignment Passing under Pavement

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. The proposed entry pits are located within the driveway to the restaurant. Pits should be moved northerly to avoid blocking access to the business.
2. Bridge structures including deck, abutments and piers should be shown on the plans in order to evaluate potential impact.


Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	40 (Rev 1)
Section:	WBR3
Town:	Campton
Highway:	US 3
Station:	2160+56 to 2171+37
Drawing No.:	WBR3 045-01 to 045-03; WBR3 C180 to C181
Exception Type:	HDD Pits within Pavement HDD Alignment Passing under Pavement

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. The proposed entry pits are located within the Chelsea Rd/driveway to the gas station. This is the only access to the mobile home park and the diesel pumps. Pits should be moved to avoid blocking access to the business and residences
2. Plan and profile show conflicting information both in size and location for the existing culvert in the vicinity of 2172+00.
3. Existing drainage at approximately 2163+25 is missing from the plans.
4. Bridge structures including deck, abutments and piers should be shown on the plans in order to evaluate potential impact. NHDOT bridge number is missing on the plans.



Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	41
Section:	WBR3
Town:	Campton
Highway:	US 3
Station:	2154+25+/-
Drawing No.:	WBR3 C179
Exception Type:	Crossing over Existing Drainage Structure

This exception to the UAM is hereby **approved with following conditions.**

1. Facility constructed over the existing drainage structure located at 2154+25+/- shall be encased in a reinforced concrete duct bank for a minimum of sixty (60) feet centered over the culvert.
2. Reinforced concrete duct bank shall be designed by a Professional Engineer Licensed in the State of New Hampshire.
3. Design documents to be submitted for review and approval by the Department.
4. If differing site conditions are encountered during construction, the Department reserves the right to require a modification to the alignment or these conditions.



Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	42 (Rev 1)
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	2087+50 to 2112+50+/-
Drawing No.:	WBR3 C171 to C174
Exception Type:	Alignment in Pavement Splice Enclosure in Pavement Crossing over Existing Drainage Structure

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. Existing NHDOT Right-of-Way (ROW) is not correctly shown on the plans. There should be adequate space within the existing ROW to move the facility outside of the pavement.
2. Bridge structures including deck, abutments and piers should be shown on the plans in order to evaluate potential impact. NHDOT bridge number is missing on the plans.



Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	45
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	2005+50 to 2007+50+/-; 2011+50 to 2013+50+/-
Drawing No.:	WBR3 C162 to C163
Exception Type:	Alignment in Pavement

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. Applicant shall evaluate stone retaining wall and submit plans to ensure construction activities will not adversely impact the retaining wall.
2. Driveway located at 2014+/- is missing from the plans.


Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017


NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	47
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	2000+50+/-
Drawing No.:	WBR3 C161
Exception Type:	Crossing over Existing Drainage Structure

This exception to the UAM is hereby **approved with following conditions.**

1. Facility constructed over the existing drainage structure located at 2000+50+/- shall be encased in a reinforced concrete duct bank for a minimum of one hundred (100) feet centered over the culvert.
2. If differing site conditions are encountered during construction, the Department reserves the right to require a modification to the alignment or these conditions.


Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 2/14/2017

NOTICE OF DECISION

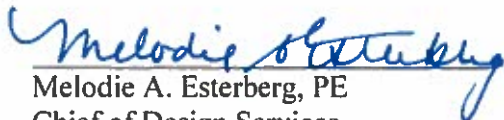
The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	48
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	1972+25; 1982+00; 1981+00 to 1983+25+/-
Drawing No.:	WBR3 C158 to C159
Exception Type:	Alignment in Pavement Crossing over Existing Drainage Structures

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. The Right-of-Way (ROW) does not appear to be consistent with the plans provided in the survey report.
2. The elevation of the outlet for the culvert located at station 1972+25+/- is incorrect and there is insufficient cover for the facility to go over the culvert and maintain a minimum two (2) foot separation.
3. Underground telephone is missing from the plans.
4. The proposed location is within twenty five (25) feet of an existing cemetery. Proposal must be in compliance with RSA 289:3 III:

New construction, excavation, or building in the area of a known burial site or within the boundaries of an established burial ground or cemetery shall comply with local zoning regulations concerning burial sites, burial grounds or cemeteries, whether or not such burial site or burial ground was properly recorded in the deed to the property. In the absence of such regulations, no new construction, excavation, or building shall be conducted within 25 feet of a known burial site or within 25 feet of the boundaries of an established burial ground or cemetery, whether or not such burial site or burial ground was properly recorded in the deed to the property, except when such construction, excavation, or building is necessary for the construction of an essential service, as approved by the governing body of a municipality in concurrence with the cemetery trustees, or in the case of a state highway, by the commissioner of the department of transportation in concurrence with the cemetery trustees.



Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	52 (Rev 1)
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	1951+30 to 1964+25
Drawing No.:	WBR3 C155 to C157
Exception Type:	Alignment in Pavement

This exception to the UAM is hereby **approved with the following conditions.**

1. Cable trench allowed within pavement from station 1951+30 to station 1964+25.
2. If differing site conditions are encountered during construction, the Department reserves the right to require a modification to the alignment or these conditions.


Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	54
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	1945+93 to 1939+22+/-
Drawing No.:	WBR3 043-01 to 043-02; WBR3 C154 to C155
Exception Type:	HDD Pits within Pavement HDD Alignment Passing Under Pavement

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. The State of New Hampshire owns both the highway right-of-way (ROW) and the railroad ROW. Therefore, there may be adequate space within the highway ROW to place all HDD pits out of the pavement. Given the close proximity of the railroad, the Contractor may be required to obtain railroad flagging/inspection services from the railroad operator whether the work was in the pavement or adjacent to the pavement.
2. Bridge structures including deck, abutments and piers should be shown on the plans in order to evaluate potential impact.



Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	55
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	1919+43 to 1927+37-
Drawing No.:	WBR3 043-01 to 043-02; WBR3 C152
Exception Type:	HDD Pits within Pavement HDD Alignment Passing Under Pavement

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. The State of New Hampshire owns both the highway right-of-way (ROW) and the railroad ROW. Therefore, there may be adequate space within the highway ROW to place all HDD pits out of the pavement. Given the close proximity of the railroad, the Contractor may be required to obtain railroad flagging/inspection services from the railroad operator whether the work was in the pavement or adjacent to the pavement.



Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	56
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	1885+70 to 1898+00+/-
Drawing No.:	WBR3 C143 to C145
Exception Type:	Alignment in Pavement Crossing over Existing Drainage Structure

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. There is a WWII Honor Roll monument and flagpole located at approximately station 1885+50. Consider moving facility to west side of road to avoid this and the other residential properties that appear to extend into the right-of-way (ROW).
2. The plan and profile show a twelve (12) inch corrugated metal pipe (CMP) culvert at station 18947+75 +/- . During field review of this location, this is an approximately eight (8) foot box culvert. There is inadequate cover to located the facility over the structure and maintain two (2) foot minimum separation distance.


Melodie A. Esterberg, PE
Chief of Design Services
Highway Design Bureau

Date: 7/14/2017

NOTICE OF DECISION

The Department has reviewed the following Request for Exception to the NHDOT Utility Accommodation Manual (UAM):

Exception Request No:	58 (Rev 1)
Section:	WBR3
Town:	Thornton
Highway:	US 3
Station:	1855+75 to 1870+76+/-; Culverts: 1852+25; 1854+25; 1856+25; 1872+75; 1874+75
Drawing No.:	WBR3 C144 to C146
Exception Type:	Alignment in Pavement Crossing over Existing Drainage Structure

This exception to the UAM is hereby **rejected and must be resubmitted** to address the following concerns.

1. It appears that the alignment between station 1855+73 to 1859+00 can be moved to the shoulder rather than in the traveled way.
2. It appears that the alignment between station 1859+00 to 1870+76+/- can be moved closer to the edge of pavement.



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Date: 7/14/2017