



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner
Bureau of Highway Design
Room 200
Tel. (603) 271-2171
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May 31, 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.

| Exception Request No: | Decision |
|-----------------------|---|
| 1 (Rev 2) | Approved with Conditions |
| 2 (Rev 2) | Approved with Conditions |
| 3 (Rev 2) | Rejected and Resubmit to Address Comments |
| 4 (Rev 2) | Rejected and Resubmit to Address Comments |
| 5 (Rev 2) | Rejected and Resubmit to Address Comments |
| 6 | Rejected and Resubmit to Address Comments |
| 7 | Rejected and Resubmit to Address Comments |
| 9 | Rejected and Resubmit to Address Comments |
| 10 | Rejected and Resubmit to Address Comments |
| 11a | Rejected and Resubmit to Address Comments |
| 11b | Rejected and Resubmit to Address Comments |

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

Sincerely,

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: | 1 (Rev 2) |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2698+00 to 2701 +/- |
| Drawing No.: | WBR3 C243 |
| Exception Type: | Alignment in Pavement Crossing over Existing Drainage Structure |

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

1. Facility constructed over the existing drainage structure shall be encased in a reinforced concrete duct bank for a length to exceed a 2:1 slope from the bottom/center of the drainage structure to the surface.
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: 5/31/2017

NOTICE OF DECISION

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

| | |
|-----------------------|------------------------|
| Exception Request No: | 2 (Rev2) |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2688+00 to 2690+25 +/- |
| Drawing No.: | WBR3 C242 |
| Exception Type: | Alignment in Pavement |

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

1. If differing site conditions are encountered during construction, the Department reserves the right to require modification to the alignment.


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

Date: 5/31/2017

NOTICE OF DECISION

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

| | |
|-----------------------|--|
| Exception Request No: | 3 (Rev2) |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2667+60 to 2678+59 +/- |
| Drawing No.: | WBR302-01, WBR302-02, WBR302-03; WBR3 C240 to WBR3 C241 |
| Exception Type: | HDD Pits with Pavement & HDD Alignment Passing Under Pavement |

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

1. Exit pits located at approximate station 2678+59 must be relocated to avoid existing drainage structures between approximate stations 2677 to 2680.



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

Date: 5/31/2017

NOTICE OF DECISION

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

| | |
|-----------------------|------------------------|
| Exception Request No: | 4 (Rev 2) |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2619+00 to 2658+00 +/- |
| Drawing No.: | WBR3 C230 to C234 |
| 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 dry laid stone retaining wall and submit plans to ensure construction activities will not adversely impact the retaining wall.
2. Existing cross culvert located between station 2655+00 and 2656+00 is not shown on the plan. If the intent is to construct facility over the existing drainage, the exception request must include this structure.



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

Date: 5/31/2017

NOTICE OF DECISION

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

| | |
|-----------------------|------------------------|
| Exception Request No: | 5 (Rev 2) |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2590+50 to 2611+50 +/- |
| Drawing No.: | WBR3 C231 to C233 |
| Exception Type: | Alignment in Pavement |

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

1. Plans show relocating the splice vault outside of the pavement at approximately Station 2603+50. Upon field review of that location, there is no gap in the guardrail to allow for relocating the vault. If the vault spacing cannot be adjusted to maintain vaults out of the pavement, an exception request must be submitted.



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

Date: 5/31/2017

NOTICE OF DECISION

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

| | |
|-----------------------|---|
| Exception Request No: | 6 |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2581+07 to 2587+85+/- |
| Drawing No.: | WBR3051-01, WBR3051-02; WBR3 C229 to WBR3 C230 |
| Exception Type: | HDD Pits with Pavement & HDD Alignment Passing Under Pavement |

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

1. Exit pits located at approximate station 2587+50 must be relocated to avoid existing drainage at approximate station 2587+30.



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

Date: 5/31/2017


NOTICE OF DECISION

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

| | |
|-----------------------|---|
| Exception Request No: | 7 |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2531+00 to 2575+20+/- |
| Drawing No.: | WBR3 C220 to C225 |
| Exception Type: | Alignment in Pavement, Splice Enclosures in Pavement, Crossing Over Existing Utility/Drainage |

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

1. Existing utilities are missing in numerous locations therefore, this request cannot be adequately reviewed.
2. It appears that the proposed facility is located in same location as existing water main based upon hydrant and gate valves located in the field.
3. It appears that there is sufficient space to move the splice enclosure at station 2543+50 easterly out of the pavement. Existing signage could be moved north to accommodate the enclosure.


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

Date: 5/31/2017

NOTICE OF DECISION

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

| | |
|-----------------------|--|
| Exception Request No: | 9 |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2492+70 to 2499+71+/- |
| Drawing No.: | WBR3 C215 to C216 |
| Exception Type: | Alignment in Pavement and Splice Enclosure in Pavement |

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 between stations 2497+00 and 2505+50. Fence line shown on the easterly side of the ROW between stations 2499+00 and 2503+00 +/- is a ROW fence.
2. It appears that there is sufficient space to move the facility and splice enclosure easterly out of the pavement between stations 2497+00 and 2505+50.



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

Date: 5/31/2017

NOTICE OF DECISION

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

| | |
|-----------------------|---|
| Exception Request No: | 10 |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2484+34 to 2489+78+/- |
| Drawing No.: | WBR3 C218 to C219 |
| Exception Type: | Alignment in Pavement and Crossing over Existing Utility/Drainage |

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

1. Profile shown does not correspond to the plan view therefore it is difficult to adequately review this request.
2. Plan shows same sewer to be labeled as both 12-inch and 8-inch. Existing utilities should be verified and correct information shown on the plans.
3. Plymouth Village Water & Sewer District (PVWSD) improvements should be coordinated with NPT construction. Proposed plan shows three crossings of the existing 12-inch clay sanitary sewer. It appears that the NPT facility could be constructed easterly of the existing sewer to avoid multiple crossings.



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

Date: 5/31/2017

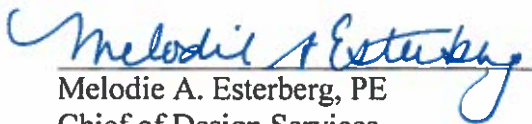
NOTICE OF DECISION

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

| | |
|-----------------------|--|
| Exception Request No: | 11A |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2512+59 to 2522+60 |
| Drawing No.: | WBR3050-01 TO WBR3050-3 and WBR3 C217 to C220 |
| Exception Type: | HDD Pits with Pavement & HDD Alignment Passing Under Pavement |

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.
2. HDD entry pits at 2512+60 +/- could be moved easterly within the ROW and be located out of the pavement. It is possible that HDD exit pits at 2522+60 +/- could be moved easterly.
3. Plymouth Village Water & Sewer District (PVWSD) improvements should be coordinated with NPT construction. PVWSD will be replacing water and sewer in Foster Street and vicinity during the summer of 2017.



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

Date: 5/31/2017


NOTICE OF DECISION

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

| | |
|-----------------------|--|
| Exception Request No: | 11B |
| Section: | WBR3 |
| Town: | Plymouth |
| Highway: | US 3 |
| Station: | 2512+59 to 2522+60 |
| Drawing No.: | WBR3049-01 TO WBR3049-3 and WBR3 C214 to C217 |
| Exception Type: | HDD Pits with Pavement & HDD Alignment Passing Under Pavement |

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. Fence line shown on the easterly side of the ROW between stations 2499+50 and 2503+00 +/- is a ROW fence.
2. HDD entry pits at 2511+65 +/- could be moved easterly within the ROW and be located out of the pavement. HDD exit pits at 2499+70 +/- could be moved easterly as well.



Melodie A. Esterberg, PE
Chief of Design Services
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Date: 5/31/2017