

Exception Request No.: 124
Section: SHEB
Town: Easton
Highway: NH 116 (Easton Road) (Tier 3)
Station: 616+25± to 616+75±
Drawing No.: SHEB C155
Survey Report Cross Reference No.: SHEB C152-C153
Exception Type: Highway Crossing

Traffic Information

NHS: No
ADT: 200
Traffic Control Type: Alt 1-way
Traffic Control Duration: Traffic control duration is estimated to be 7 days for the proposed installation, during which one lane will be closed.

Summary of Justification for Exception

NPT is requesting an exception from the UAM guidelines for the location of the cable trench in the pavement crossing NH 116, Easton Road from station 616+25± to 616+75± of the NPT SHEB Underground Alignment.

Technical Discussion of Justification of Exception

The proposed alignment has been re-routed to the western side of the road to locate more of the duct bank outside the pavement, from this location back to 602+75±. Beginning at 617+75± the alignment on the west side of NH 116 would be constrained by steep slopes and two utility poles on the side of the road. Additionally, the entrance pits for HDD 20 are on the east side of NH 116. By crossing NH 116, NPT avoids the constraints on the west side of the road and brings the duct bank into alignment with HDD 20.

Excavation limits and work areas are shown on the attached drawings. (See Exhibit A.) During construction, one lane will remain open to traffic at all times.

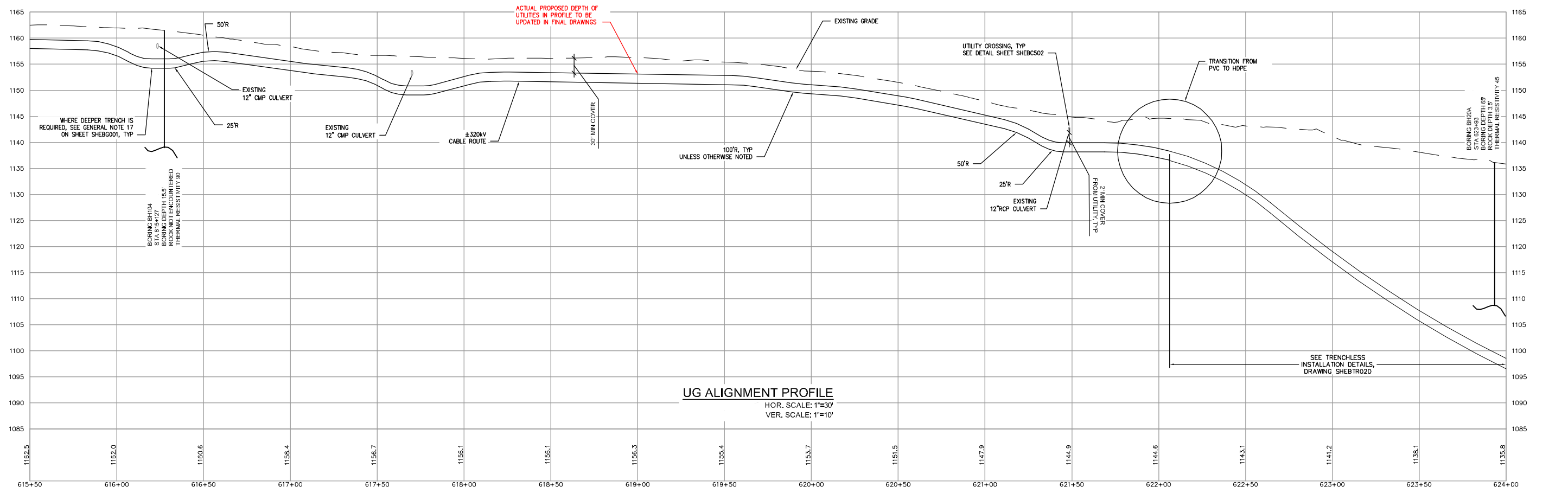
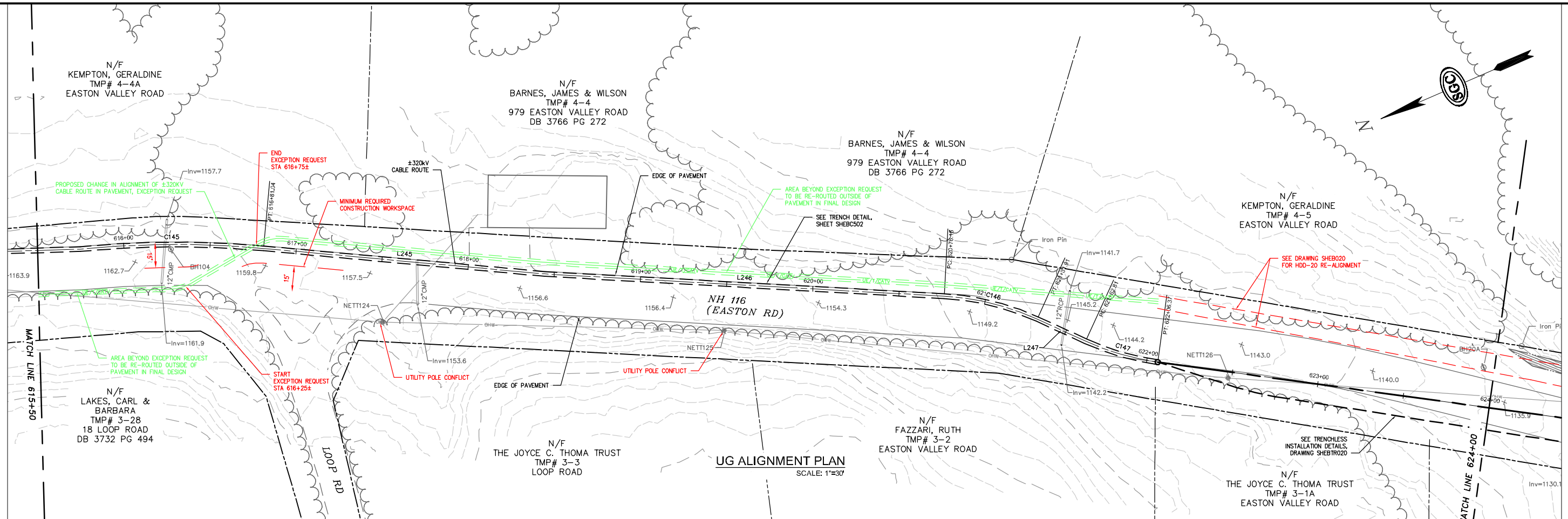
Impacts

The design, as proposed, will not adversely affect the design, construction, stability, traffic, safety, environmental commitments, maintenance, or operation of the highway. The installation of the duct bank and pavement restoration will be designed and constructed in accordance with conditions outlined in the NHDOT's April 3, 2017 letter to the New Hampshire Site Evaluation Committee. The installation's proposed depth meets NHDOT's criteria relating to the structural box to minimize any potential conflicts with maintenance and future highway projects. A traffic control plan has been submitted to the NHDOT for this design and complies with the Manual on Uniform Traffic Control Devices.

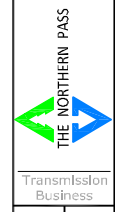
Supporting Documentation

See attached Exhibit A showing a plan and profile view.

PRELIMINARY - NOT FOR CONSTRUCTION



NO.	DATE	REVISION	BY	CHKD	APPV.
0	06/26/17	ISSUE FOR PERMIT	TMH	MR	CHD



EXCEPTION 124-ALIGNMENT IN PAVEMENT
NPT SHEB-UNDERGROUND ALIGNMENT
SHEB SECTION STA 616+25 TO 616+75±
SCALE: H. 1"=30', V. 1"=10'
DATE: 06/20/17

DES. TO: CHM:MR
DRW. TO: APR:TMH
TOWN: EASTON
TRANSMISSION LINE: SHEB
EXHIBIT A

