

Exception Request No.: 170
Section: WMNF
Town: Woodstock
Station: 1422+00± to 1436+58±
Drawing No.: WMNF C184-186
Survey Report Cross Reference No.: WMNF C184-186
Exception Type: Alignment in Pavement
Road Crossing

Traffic Information

NHS: No
ADT: 2400
Traffic Control Type: Alt 1-Way
Traffic Control Duration: Traffic control duration is estimated to be 20 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 on NH Highway 112, Lost River Road from approximately station 1422+00 to 1436+58 of the NPT WMNF Underground Alignment, sheet WMNF C184-186. The alignment is constrained by existing utilities on the south side of the road and limited space beyond the edge of pavement on the north side of the road. The attached Exhibit A has been provided to demonstrate that construction outside the paved area would require work beyond the NHDOT ROW.

Technical Discussion of Justification of Exception

The proposed alignment is within the roadway because of constraints posed by existing utilities on the south side of NH 112 and limited space beyond the edge of payment on the north side of the road.

At the start of the exception request, at 1422+00±, the alignment crosses NH 112 to avoid the existing water line that transitions to the south side of the road.

The alignment then follows the along the edge of pavement on the north side of the road. In this area, the alignment is located as close to the edge of ROW as possible while still allowing for suitable workspace between the alignment and the edge of ROW. Although the alignment in this area is all or partially in the pavement, it is as close to the edge as possible. NPT evaluated locating the alignment on the south side of the road but the location of the existing water and sewer lines would require that the alignment be located much further into the pavement with additional disturbance compared to the proposed location.

Impacts

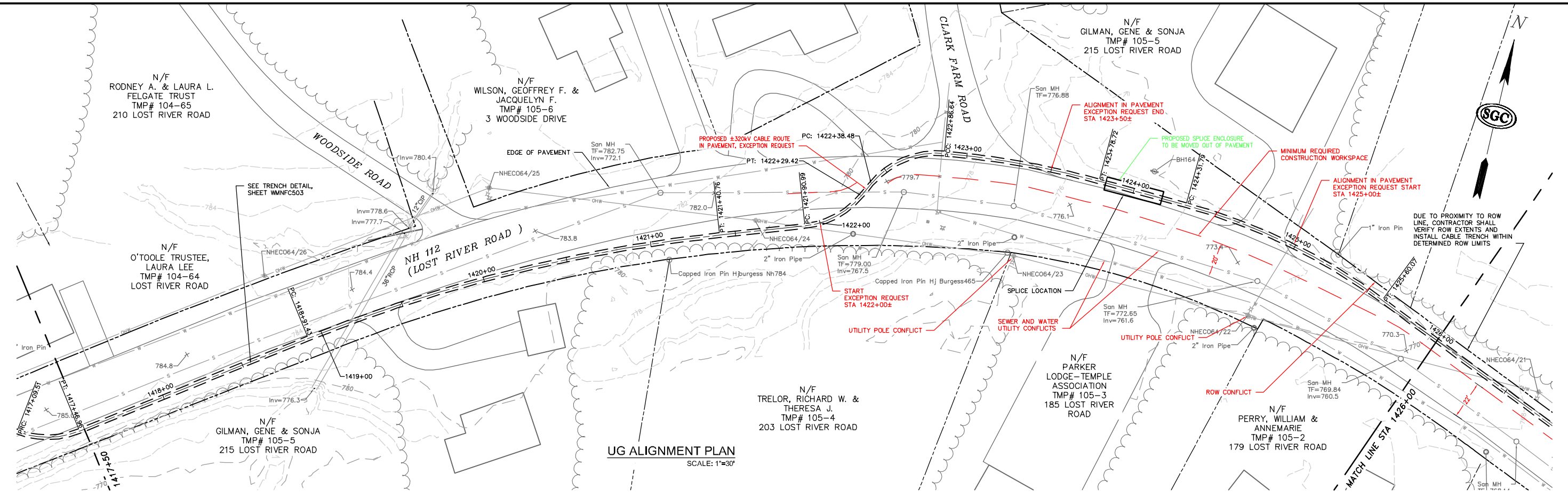
The design, as proposed, will not adversely affect the design, construction, stability, traffic, safety, environmental commitments, maintenance, or operation of the highway. The alignment has been located to minimize the disturbance of pavement. The installation of the ductbank and pavement

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.

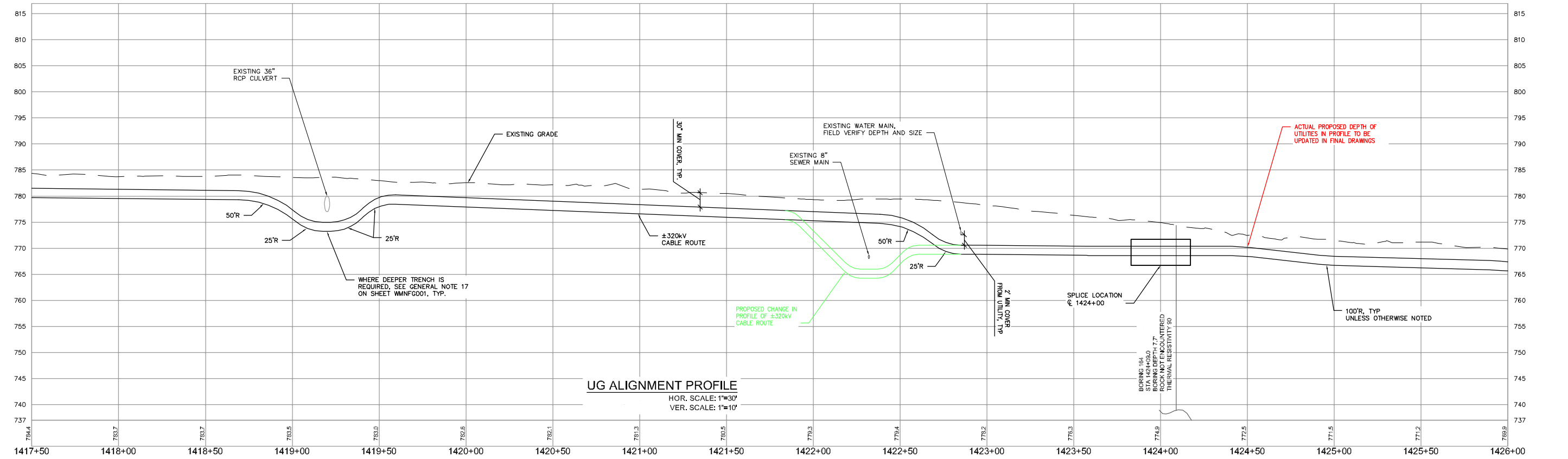
Supporting Documentation

See attached Exhibit A showing a plan and profile view.

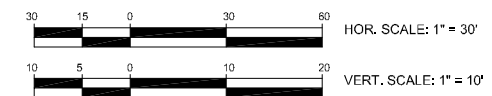
PRELIMINARY - NOT FOR CONSTRUCTION



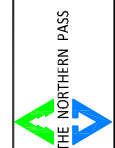
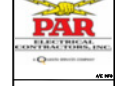
UG ALIGNMENT PLAN
SCALE: 1"=30'



UG ALIGNMENT PROFILE
HOR. SCALE: 1"=30'
VER. SCALE: 1"=10'



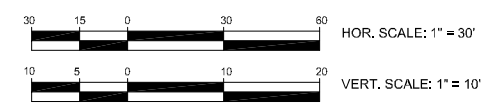
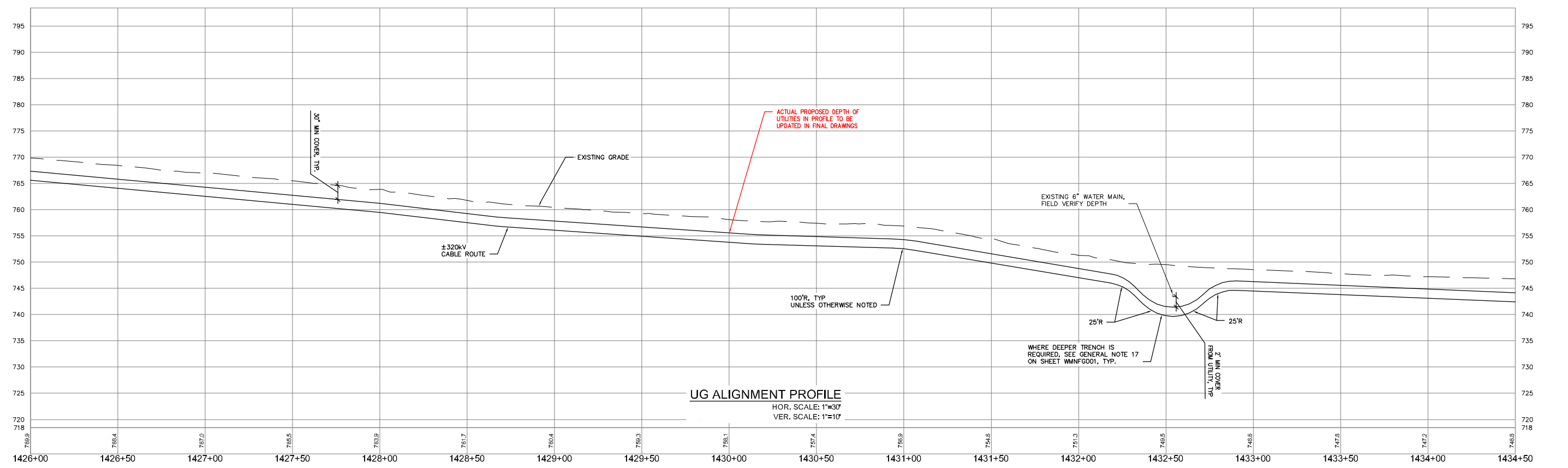
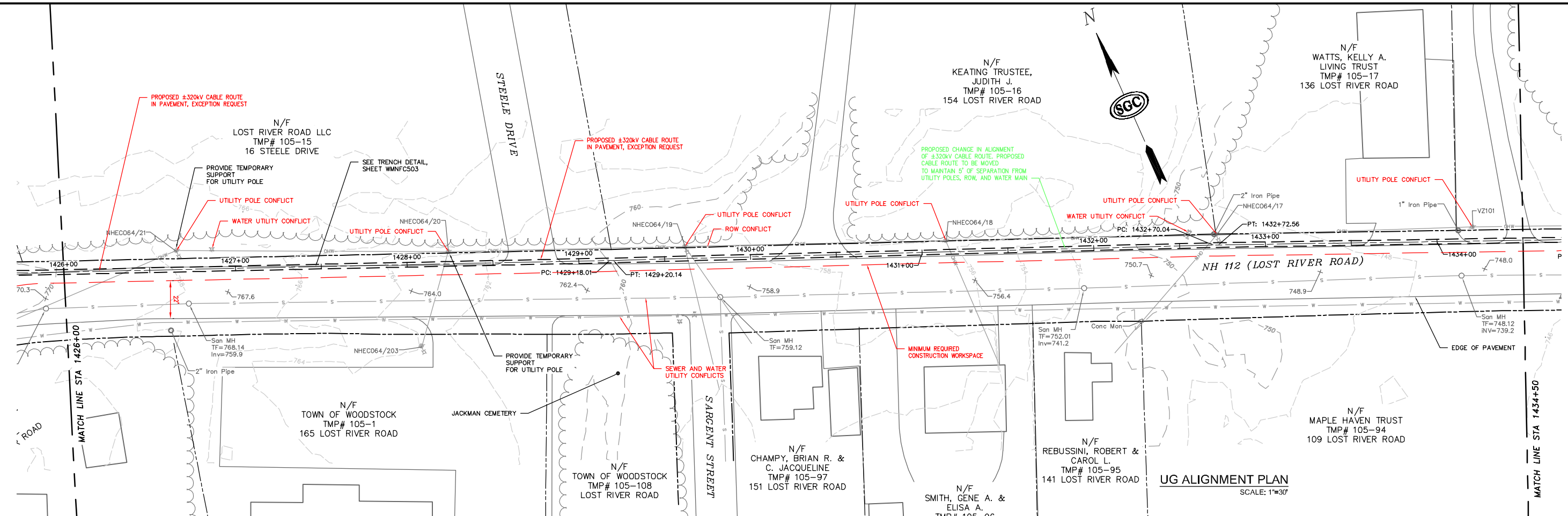
NO.	DATE	BY	CHKD	APPROV.
0	06/26/17	DD	DOWN	CHAD



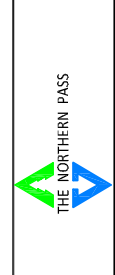
Transmission Business

EXCEPTION TO ALIGNMENT IN PAVEMENT
NPT WMNF-UNDERGROUND ALIGNMENT
WMNF SECTION- STA 1422+00 TO STA 1436+58±
SCALE: H. 1"=30', V. 1"=10'
DATE: 06/20/17

DES: MRR CHK: TDD
DRW: MRR APR: TMH
TOWN: WOODSTOCK
TRANSMISSION LINE: WMNF
EXHIBIT A.1



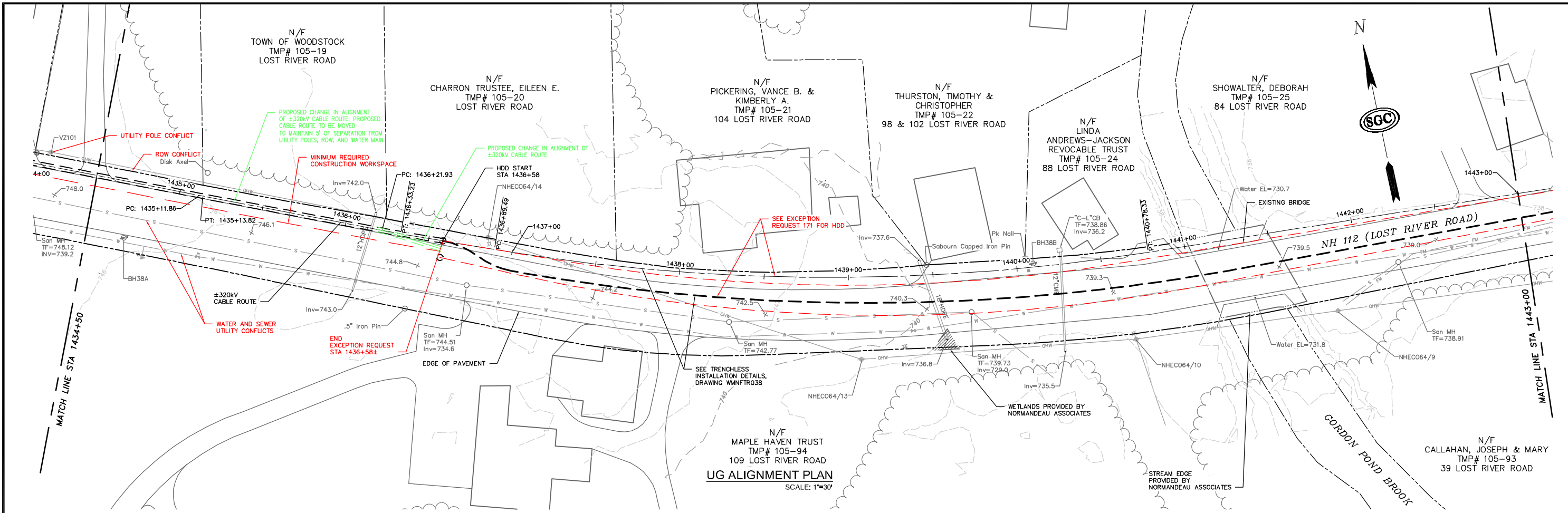
NO.	DATE	REVISION	BY	CHK	APPV.
0	06/26/17	ISSUE FOR PERMIT	MRR	CHD	APPRV.



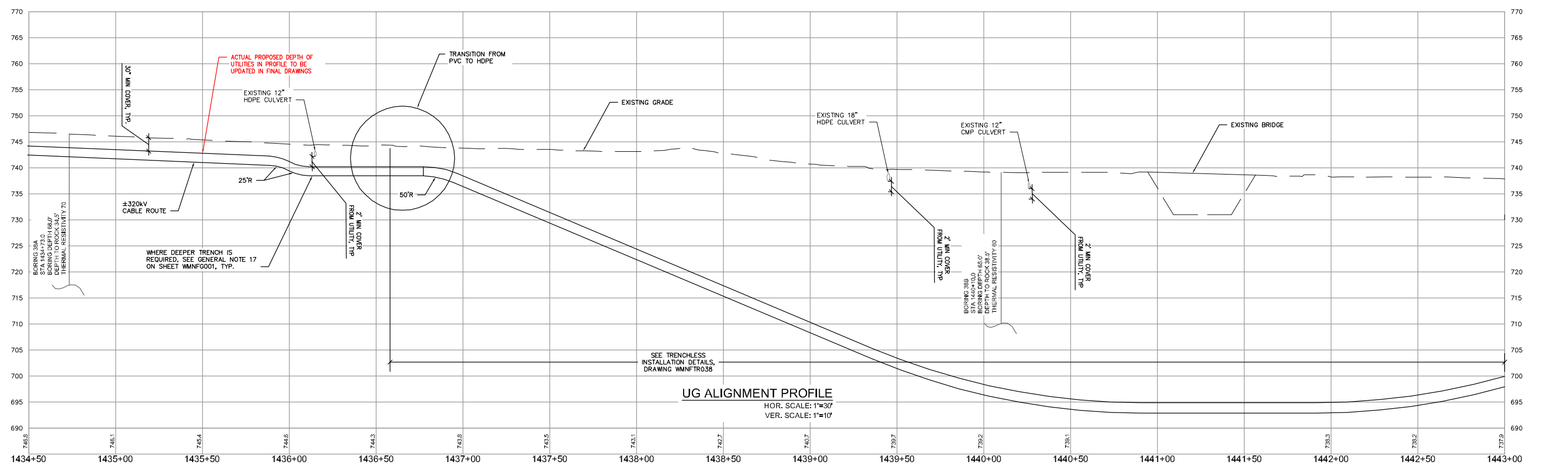
Transmission Business

EXCEPTION TO ALIGNMENT IN PAVEMENT
NPT WMNF-UNDERGROUND ALIGNMENT
WMNF SECTION - STA 1422+00 TO STA 1436+50+1
SCALE: H. 1"=30', V. 1"=10'
DATE: 06/20/17

DES: MRR, CHK: TJD
DRW: MRR, APR: TMT
TOWN: WOODSTOCK
TRANSMISSION LINE:
WMNF
EXHIBIT A.2

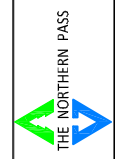


UG ALIGNMENT PLAN
SCALE: 1"=30'



UG ALIGNMENT PROFILE
HOR. SCALE: 1"=30'
VER. SCALE: 1"=10'

NO.	REVISION	DATE	BY	CHKD	APPRV.
0	EXCEPTION REQUEST	07/27/17	MMR	CHD	



Transmission Business

EXCEPTION 170-ALIGNMENT IN PAVEMENT
NPT WMNF-UNDERGROUND ALIGNMENT
WMNF SECTION- STA 1422+00 TO STA 1436+58±
SCALE: H. 1"=30', V. 1"=10'
DATE: 07/20/17

DES: MRR, CHK: TDD
DRAW: MRR, APR: TMT
TOWN: WOODSTOCK

TRANSMISSION LINE:
WMNF

EXHIBIT A.3

