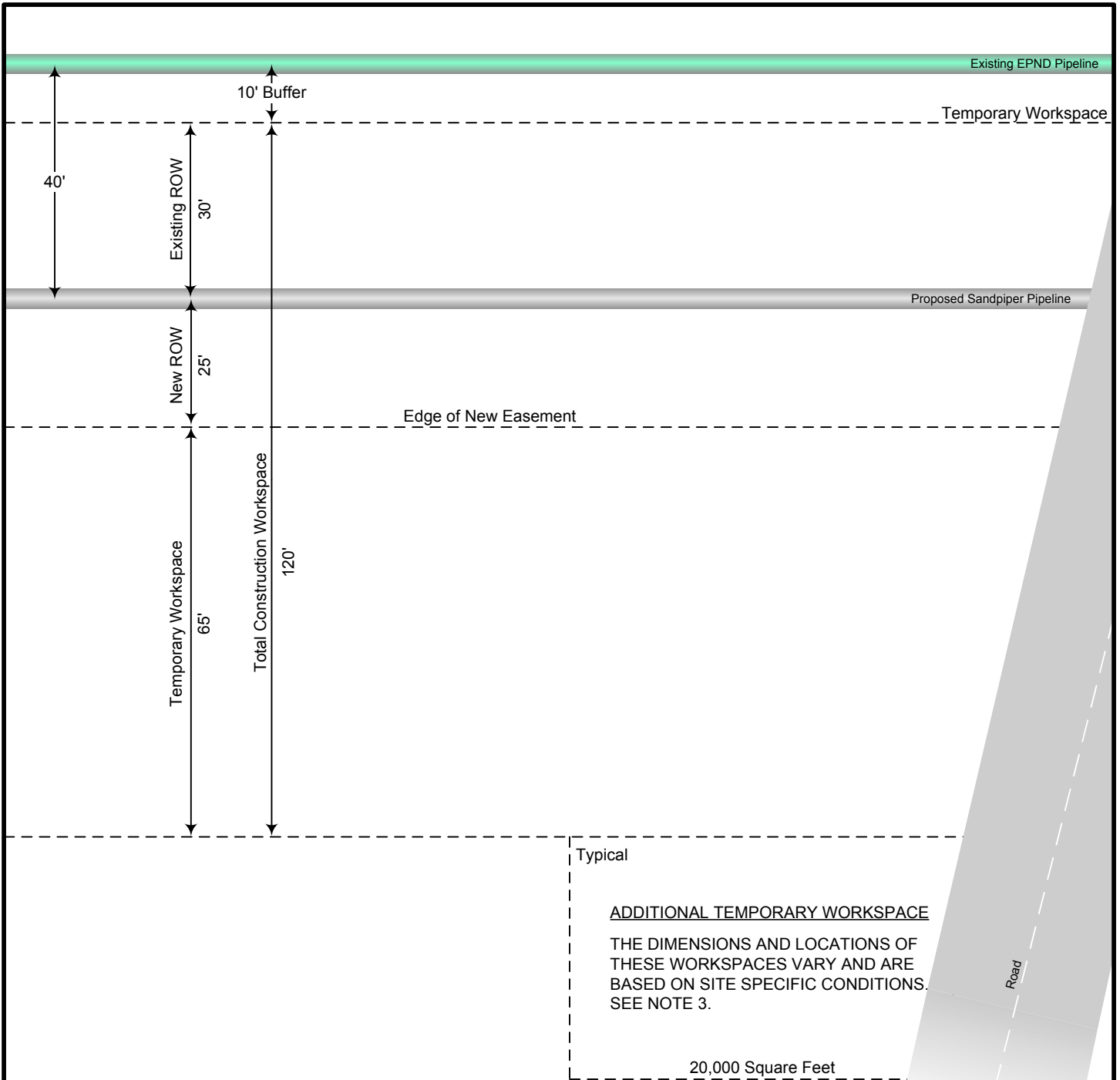


**Appendix F**  
**Typicals**



**NOTES:**

1. IN UPLAND AREAS, EPND WILL TYPICALLY UTILIZE A 120-FOOT-WIDE CONSTRUCTION WORKSPACE TO INSTALL THE PIPELINE AND WILL HAVE A 40-FOOT OFFSET FROM EXISTING EPND PIPELINE.
2. OF THE 120-FOOT CONSTRUCTION FOOTPRINT, THE PIPELINE WILL HAVE A 55-FOOT PERMANENT RIGHT-OF-WAY (OF WHICH 25 FEET WILL BE NEW RIGHT-OF-WAY). THE REMAINING 65 FEET WILL BE USED AS TEMPORARY WORKSPACE.
3. ADDITIONAL TEMPORARY WORKSPACE MAY BE REQUIRED AT CIVIL AND ENVIRONMENTAL CROSSINGS OF UP TO 20,000 SQUARE FEET ON EACH SIDE OF THE CROSSING. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND CROSSING, AND UTILITY CROSSINGS. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING TYPE OF CROSSING AND ANY SPECIAL CONDITIONS OR ENVIRONMENTAL FEATURES.



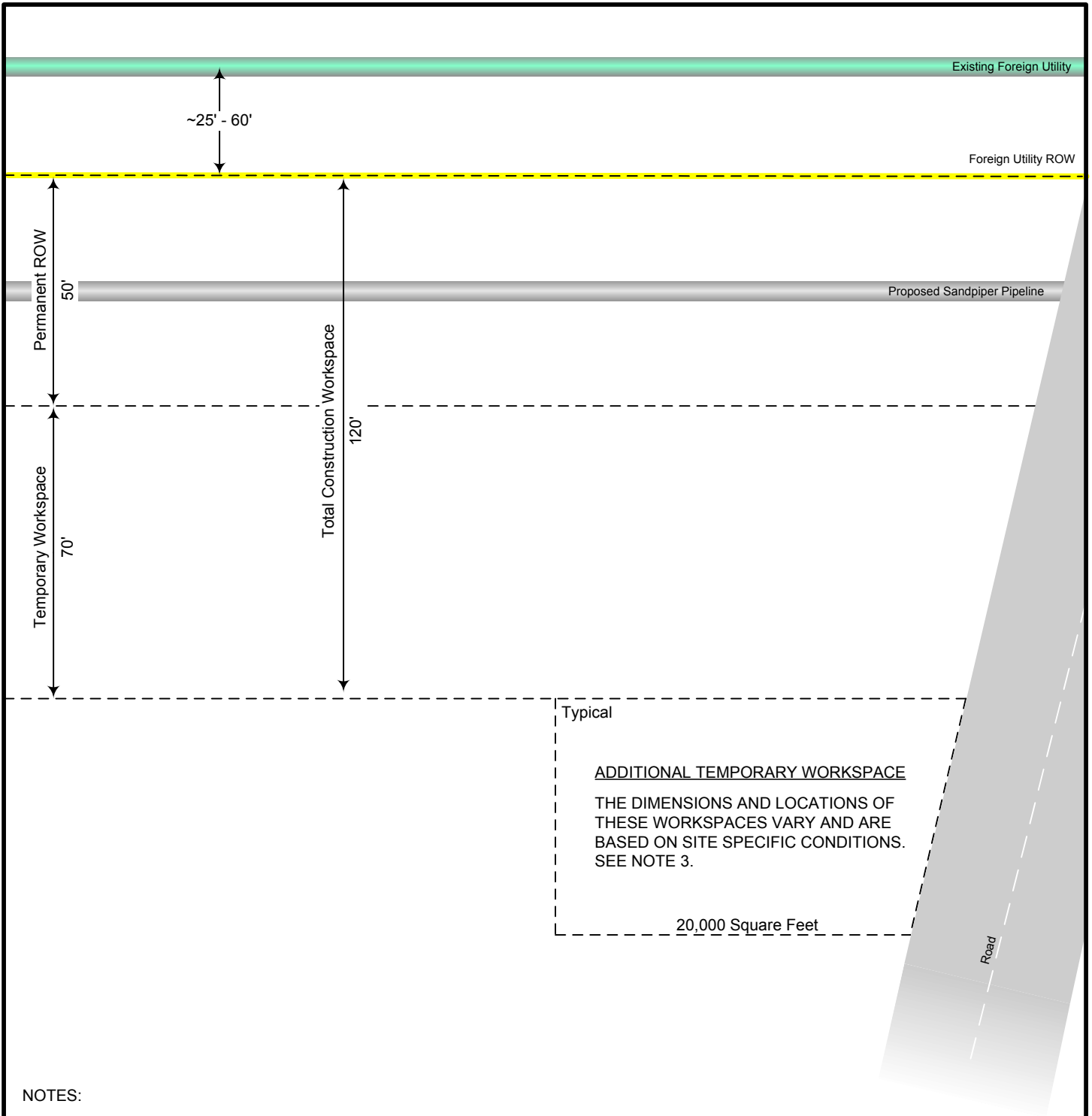
Co-located in EPND Right-of-Way Configuration In Upland Areas

Enbridge Pipelines (North Dakota) LLC

Sandpiper Pipeline Project

Drawn by: Merjant

10/23/2013



Typical

ADDITIONAL TEMPORARY WORKSPACE  
 THE DIMENSIONS AND LOCATIONS OF THESE WORKSPACES VARY AND ARE BASED ON SITE SPECIFIC CONDITIONS. SEE NOTE 3.

20,000 Square Feet

NOTES:

1. A NEW PERMANENT 50-FOOT PIPELINE RIGHT-OF-WAY WILL BE CENTERED ON THE NEW PIPELINE.
2. IN UPLAND AREAS, EPND WILL TYPICALLY UTILIZE A 70-FOOT-WIDE TEMPORARY WORKSPACE ADJACENT TO NEW RIGHT-OF-WAY TO INSTALL THE PIPELINE.
3. ADDITIONAL TEMPORARY WORKSPACE MAY BE REQUIRED AT CIVIL AND ENVIRONMENTAL CROSSINGS OF UP TO 20,000 SQUARE FEET ON EACH SIDE OF THE CROSSING. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND CROSSING, AND UTILITY CROSSINGS. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING TYPE OF CROSSING AND ANY SPECIAL CONDITIONS OR ENVIRONMENTAL FEATURES.



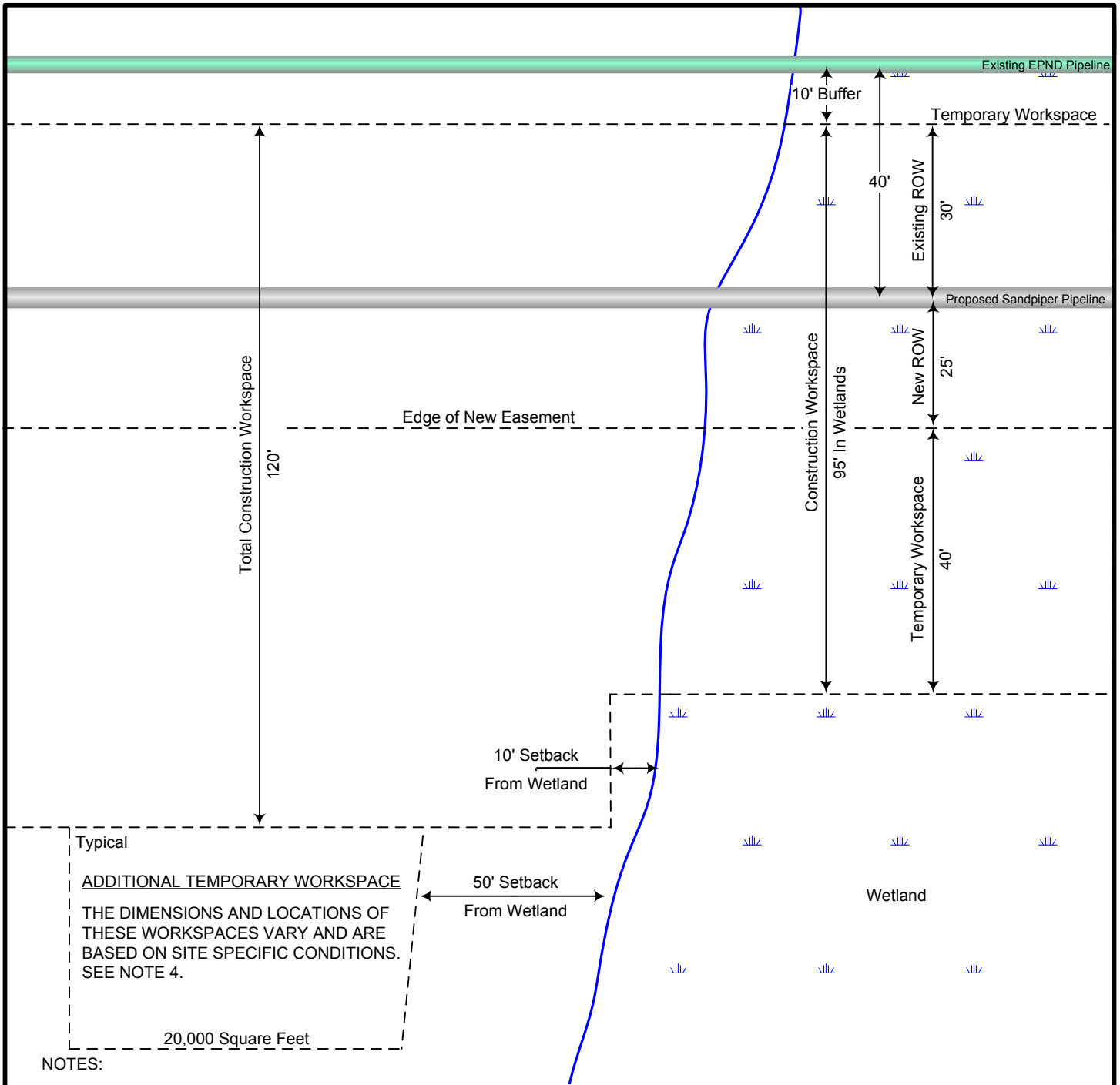
Parallel to Foreign Utility Right-of-Way Configuration In Upland Areas

Enbridge Pipelines (North Dakota) LLC

Sandpiper Pipeline Project

Drawn by: merjent

10/23/2013



**NOTES:**

1. IN WETLAND AREAS, EPND WILL TYPICALLY UTILIZE A 95-FOOT-WIDE CONSTRUCTION WORKSPACE TO INSTALL THE PIPELINE AND WILL HAVE A 40-FOOT OFFSET FROM EXISTING EPND PIPELINE.
2. THE NEW PIPELINE WILL HAVE A 55-FOOT PERMANENT RIGHT-OF-WAY (OF WHICH 25 FEET WILL BE NEW RIGHT-OF-WAY).
3. IN WETLAND AREAS, EPND WILL TYPICALLY UTILIZE A 40-FOOT WIDE TEMPORARY WORKSPACE ADJACENT TO NEW RIGHT-OF-WAY TO INSTALL THE PIPELINE.
4. ADDITIONAL TEMPORARY WORKSPACE MAY BE REQUIRED AT CIVIL AND ENVIRONMENTAL CROSSINGS OF UP TO 20,000 SQUARE FEET ON EACH SIDE OF THE CROSSING. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND CROSSING, AND UTILITY CROSSINGS. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING TYPE OF CROSSING AND ANY SPECIAL CONDITIONS OR ENVIRONMENTAL FEATURES.



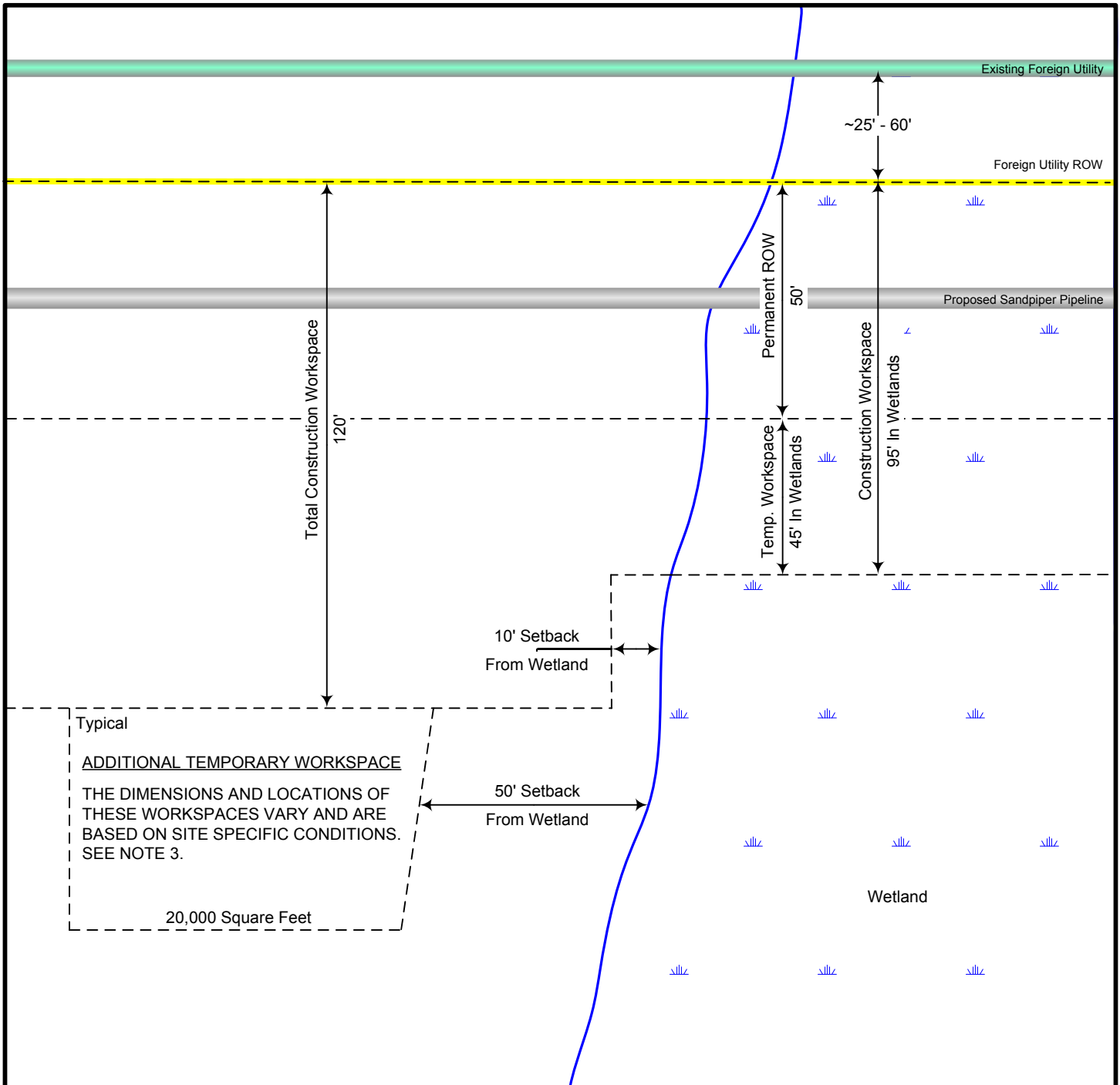
Co-located in EPND Right-of-Way Configuration In Wetland Areas

Enbridge Pipelines (North Dakota) LLC

Sandpiper Pipeline Project

Drawn by: merjent

10/23/2013



NOTES:

1. A NEW PERMANENT 50 FOOT PIPELINE RIGHT-OF-WAY WILL BE CENTERED ON THE NEW PIPELINE.
2. IN WETLAND AREAS, EPND WILL TYPICALLY UTILIZE A 45-FOOT-WIDE TEMPORARY WORKSPACE ADJACENT TO NEW RIGHT-OF-WAY TO INSTALL THE PIPELINE.
3. ADDITIONAL TEMPORARY WORKSPACE MAY BE REQUIRED AT CIVIL AND ENVIRONMENTAL CROSSINGS OF UP TO 20,000 SQUARE FEET ON EACH SIDE OF THE CROSSING. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND CROSSING, AND UTILITY CROSSINGS. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING TYPE OF CROSSING AND ANY SPECIAL CONDITIONS OR ENVIRONMENTAL FEATURES.



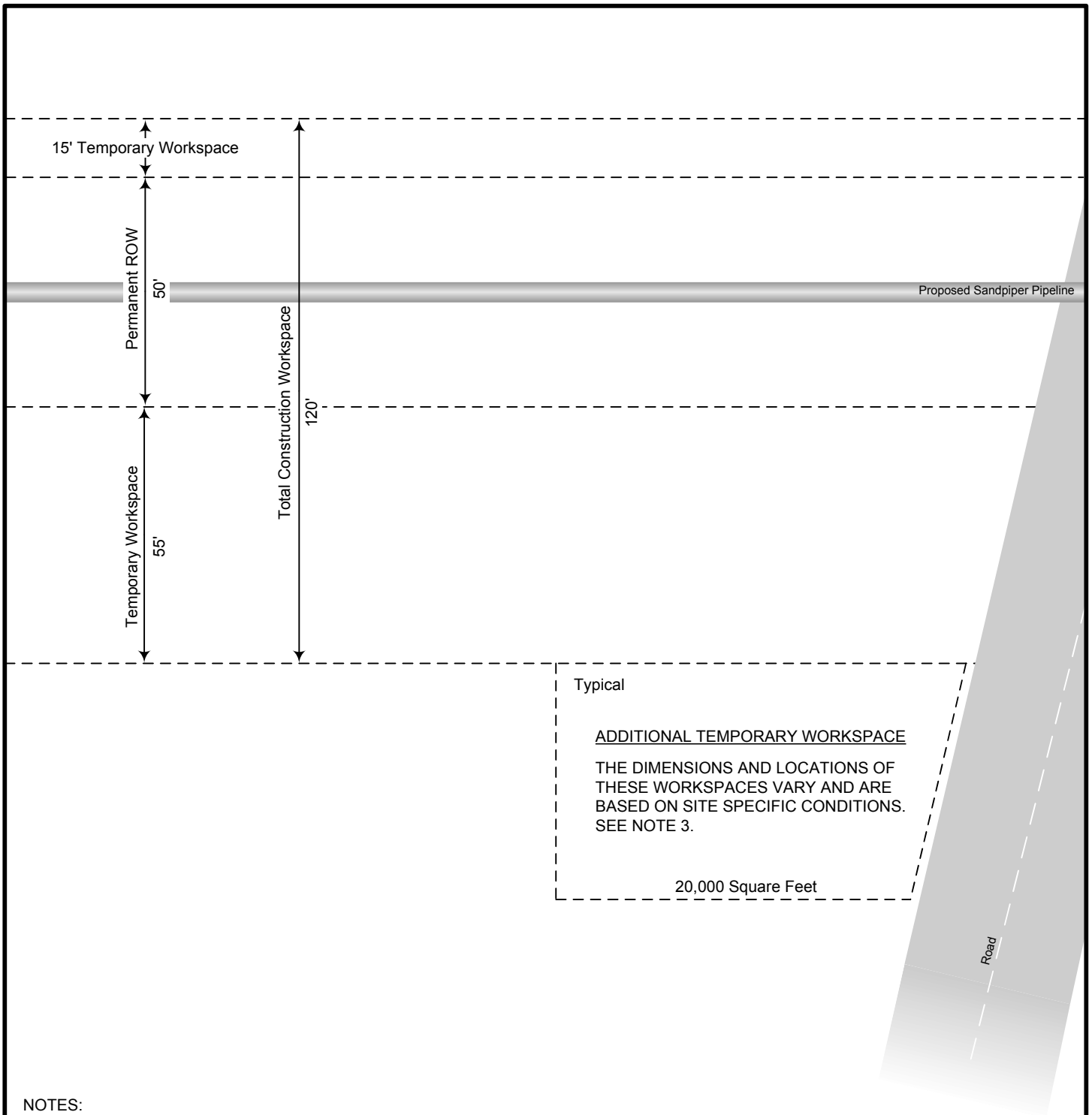
Parallel to Foreign Utility Right-of-Way Configuration In Wetland Areas

Enbridge Pipelines (North Dakota) LLC

Sandpiper Pipeline Project

Drawn by: merjent

10/23/2013



NOTES:

1. A NEW PERMANENT 50-FOOT PIPELINE RIGHT-OF-WAY WILL BE CENTERED ON THE NEW PIPELINE.
2. IN UPLAND AREAS, EPND WILL TYPICALLY UTILIZE A 55-FOOT-WIDE TEMPORARY WORKSPACE ON THE WORKING SIDE AND A 15-FOOT-WIDE TEMPORARY WORKSPACE ON THE NON-WORKING SIDE ADJACENT TO NEW RIGHT-OF-WAY TO INSTALL THE PIPELINE.
3. ADDITIONAL TEMPORARY WORKSPACE MAY BE REQUIRED AT CIVIL AND ENVIRONMENTAL CROSSINGS OF UP TO 20,000 SQUARE FEET ON EACH SIDE OF THE CROSSING. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND CROSSING, AND UTILITY CROSSINGS.



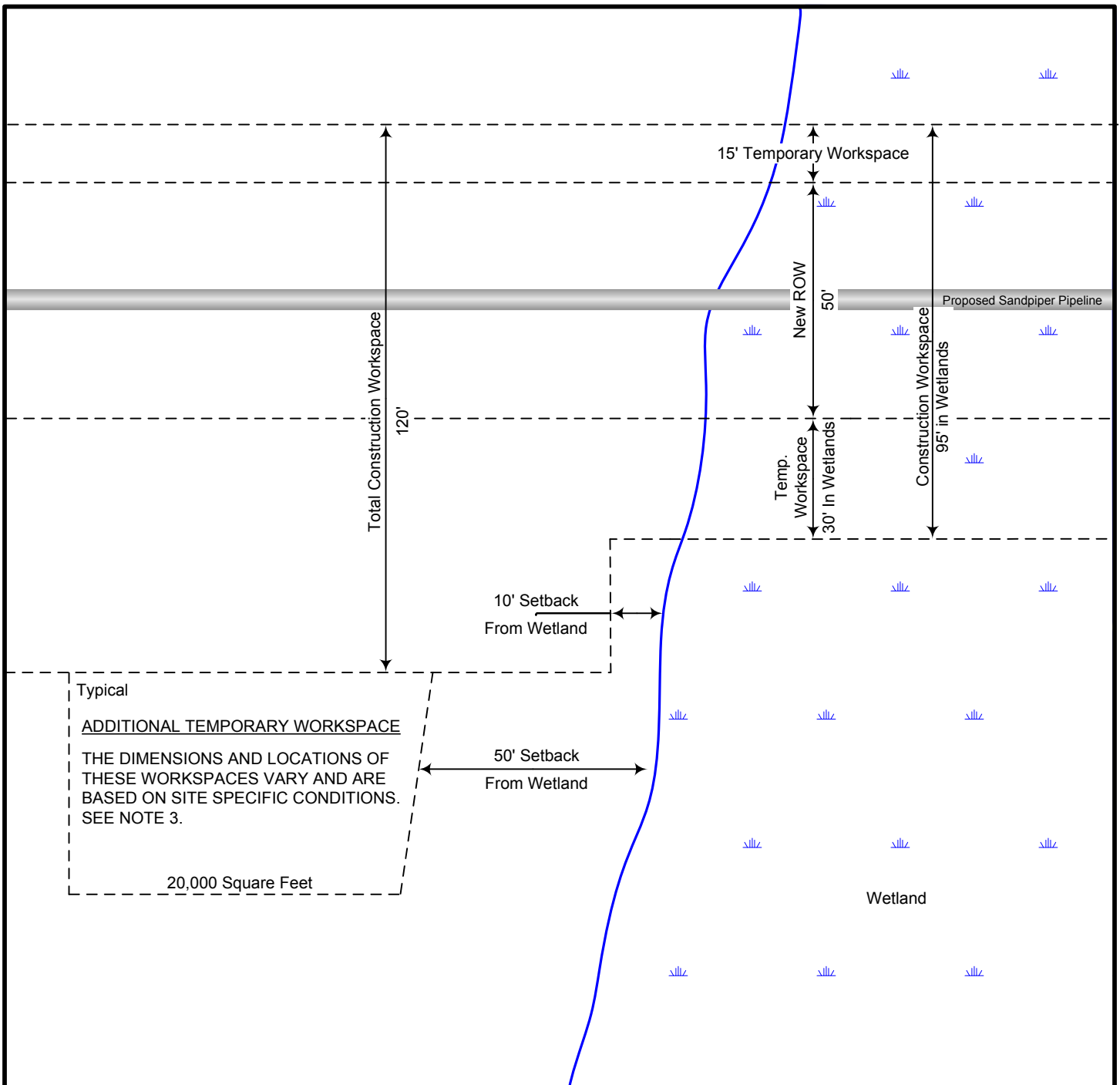
Greenfield Right-of-Way  
Configuration In Upland Areas

Enbridge Pipelines (North Dakota) LLC

Sandpiper Pipeline Project

Drawn by: merjent

10/23/2013



NOTES:

1. A NEW PERMANENT 50-FOOT PIPELINE RIGHT-OF-WAY WILL BE CENTERED ON THE NEW PIPELINE.
2. IN WETLAND AREAS, EPND WILL TYPICALLY UTILIZE A 30-FOOT-WIDE TEMPORARY WORKSPACE ON THE WORKING SIDE AND A 15-FOOT-WIDE TEMPORARY WORKSPACE ON THE NON-WORKING SIDE ADJACENT TO NEW RIGHT-OF-WAY TO INSTALL THE PIPELINE.
3. ADDITIONAL TEMPORARY WORKSPACE MAY BE REQUIRED AT CIVIL AND ENVIRONMENTAL CROSSINGS OF UP TO 20,000 SQUARE FEET ON EACH SIDE OF THE CROSSING. THESE ADDITIONAL TEMPORARY WORKSPACES ARE GENERALLY USED AT ROAD, RAILROAD, WATERBODY, WETLAND CROSSING, AND UTILITY CROSSINGS. ADDITIONAL TEMPORARY WORKSPACE REQUIREMENTS WILL VARY PENDING TYPE OF CROSSING AND ANY SPECIAL CONDITIONS OR ENVIRONMENTAL FEATURES.



Greenfield Right-of-Way  
Configuration In Wetland Areas

Enbridge Pipelines (North Dakota) LLC

Sandpiper Pipeline Project

Drawn by: merjent

10/23/2013