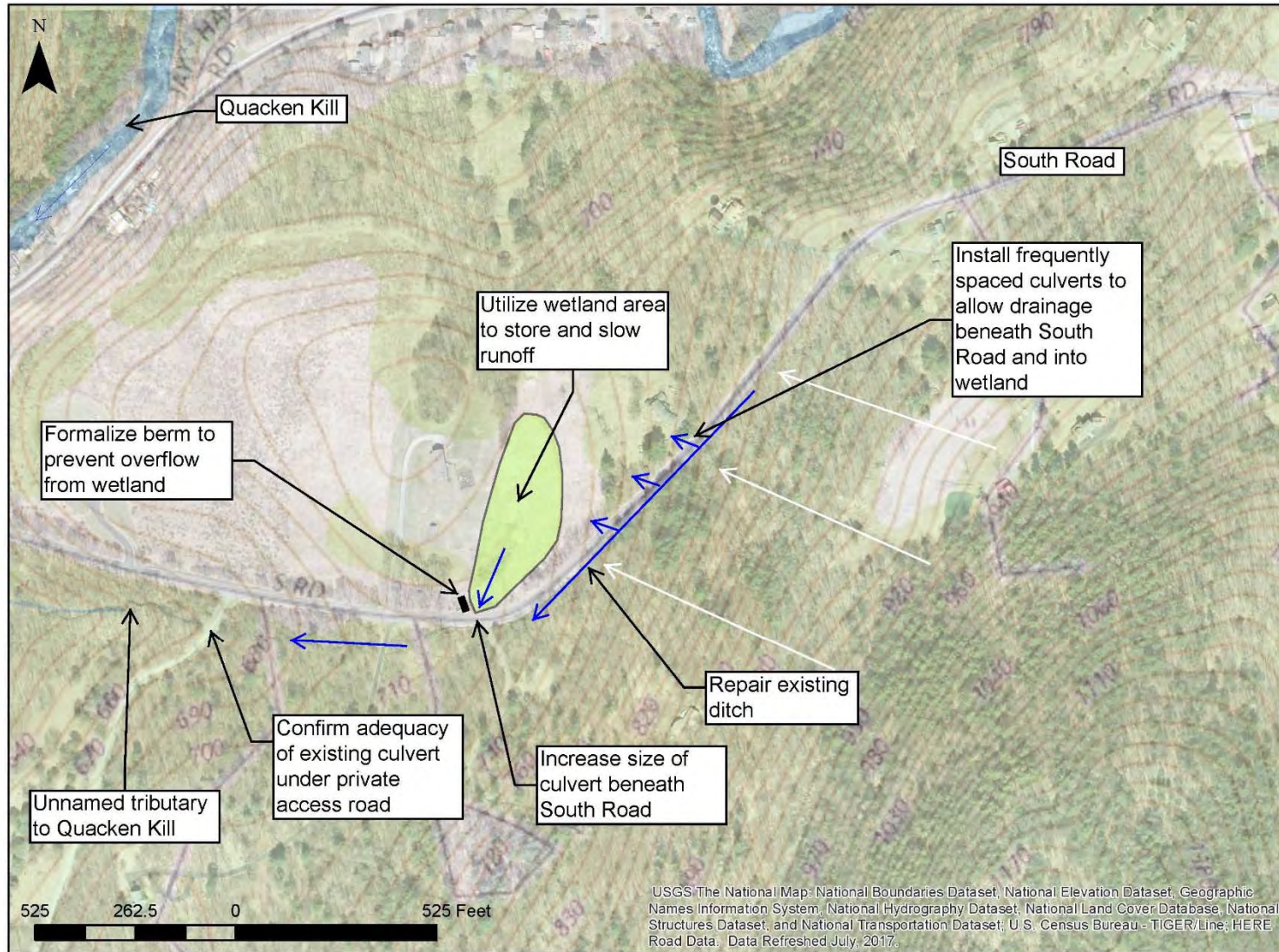
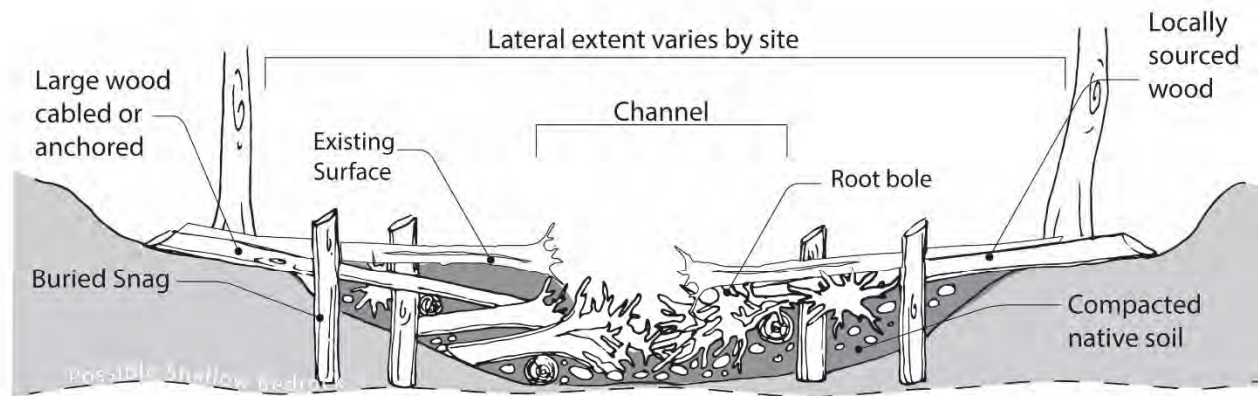


Appendix B – Recommendations



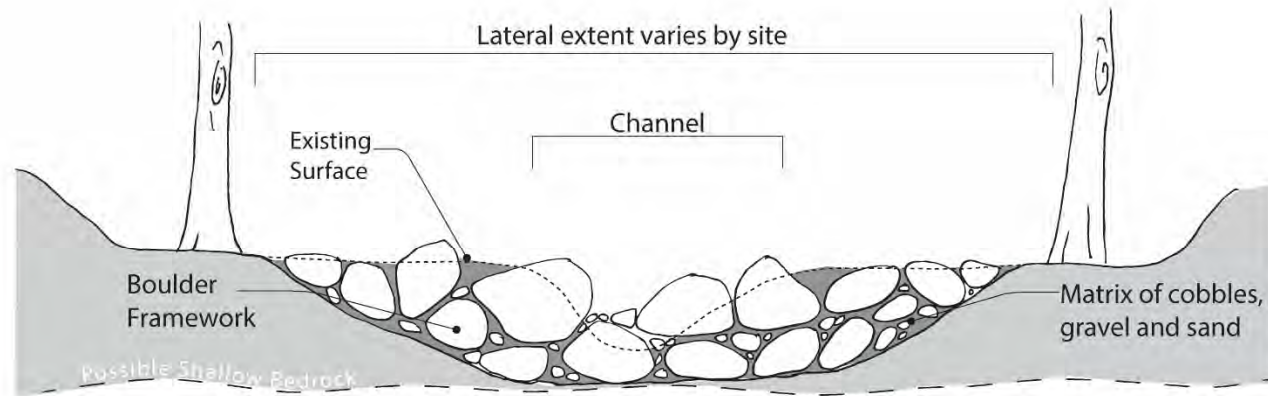
Concept 1. Road drainage improvements at South Road, Brunswick, to reduce interception of flow by road, utilize natural wetland area, and reduce the rate of runoff. Data sources: 2017 Rensselaer County high-resolution digital orthoimagery (NYS Office of Information Technology Services, GIS Program Office, 2017) and USGS topo map (source data listed on map).



2a- Large Wood Cross-Sections N.T.S.

Replace native bed and bank material with large wood and root boles within a matrix of native soil

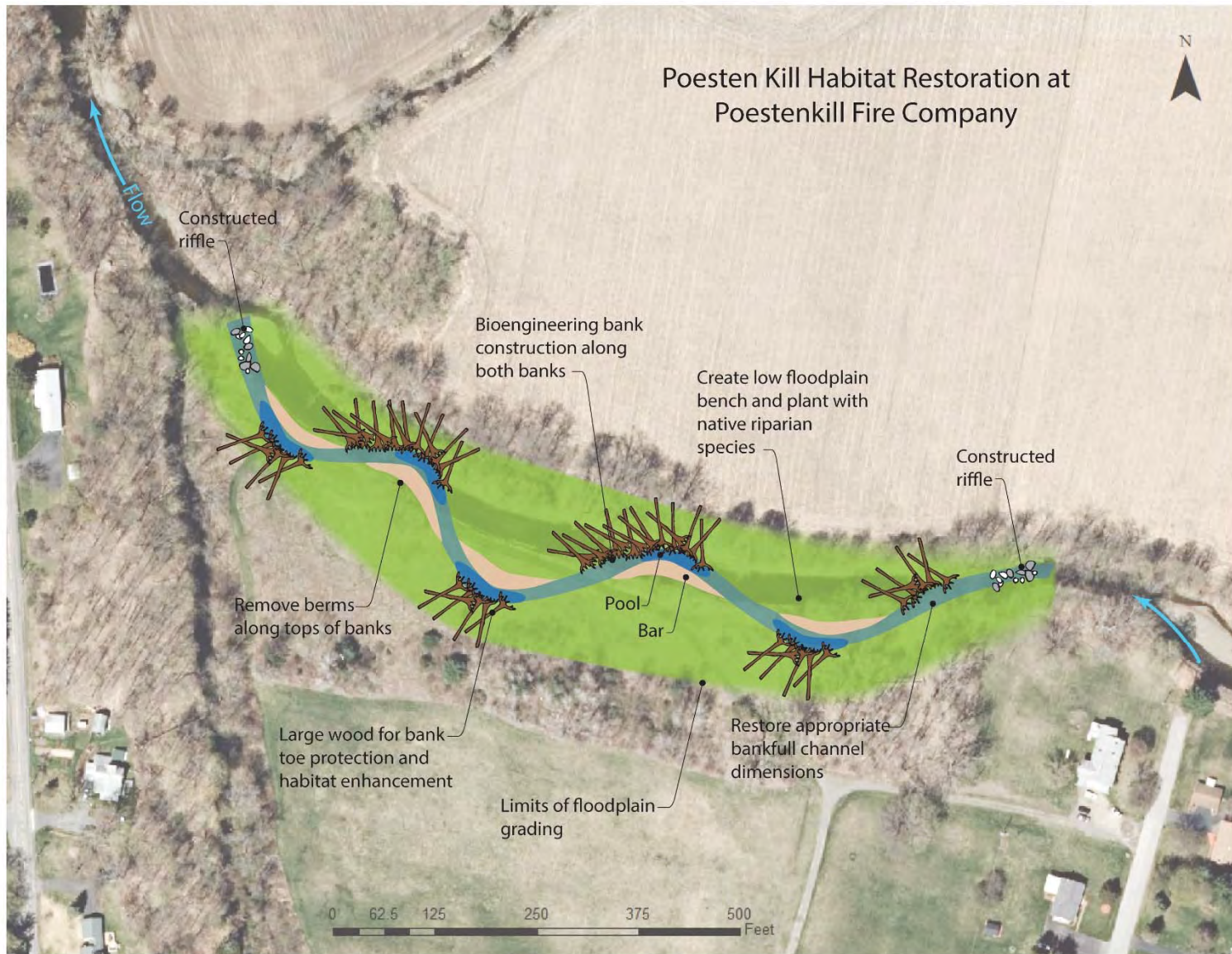
Concept 2. Option a: Measure to increase flood retention within wetlands on Bonesteel Creek using large wood



2b- Boulder Cross-section N.T.S.

Replace native bed and bank material with well-graded mixture of river rock, boulder and sand

Concept 3. Option b: Measure to increase flood retention within wetlands on Bonesteel Creek using rock



Concept 4. Measures to improve resilience, enhance floodplain function, and restore in-stream habitat in the Poesten Kill at the Poestenkill Fire Company. 2017 aerial imagery of Rensselaer County from NYS Office of Information Technology Services, GIS Program Office.