The Superior station will be located on the north side of Belknap Street, three blocks west of Tower Avenue. The station will have ample parking for NLX passengers and the station site's location will allow for potential expansion of parking capacity if needed. The site will be built on land owned by BNSF Railway and a private party. An easement will also be required to extend N 14th Street. Additionally, the site will be large enough to accommodate all typical station program elements that will be standard at NLX stations:

- Designed to meet the needs of a modern intercity passenger rail service
- Will meet the requirements of the Americans with Disabilities Act
- 500-foot-long platform with warming shelters
- Climate controlled station building with passenger waiting area
- On-site ticket kiosk machines
- Short-term and long-term parking
- Multimodal access with efficient passenger, taxi and bus drop-off
- Bicycle parking and connections to area bicycle trails

Conceptual layout of the Superior station