Breakout Room # 2
Infrastructure & Yards
Study Area Map
# Design Analysis

**Minimum features of each station**

- Inbound and outbound boarding platform(s)
- A warming house
- Parking facilities
- Pedestrian and vehicular access to public roads

**Station architecture and site design**

- Based on Metra design criteria and community input
- Station and parking lot sizes based on ridership projections
- Concept-level design includes station features as well as earthwork, landscaping, lighting, utilities and access roads

**Track and yard design**

- Based on Metra, AREMA, BNSF, IDOT and ICC design criteria
- Concept-level design includes additional mainline track, additional freight track, yard improvements and all associated earthwork, right-of-way, structures, signals and road crossing improvements
Required System Improvements

- Additional mainline track from Aurora to the end of the proposed extension along the BNSF line toward Sandwich
- Additional mainline freight track from West Aurora to the east end of the Sugar Grove Siding along the BNSF line toward Hinkley and Big Rock
- Additional storage capacity at/near the 14th Street Yard in Chicago
- Improvements and all associate earthwork, right-of-way, structures, signals and road crossing improvements
- Necessary signal improvements between project limits
Required System Improvements

• Roadway crossing improvements necessary to accommodate new mainline tracks
  • Requires further study of possible design alternatives to avoid closures of Lafayette and Main Streets in Sandwich and Ben Street in Plano
• Necessary bridge, abutment, and culvert improvements required to accommodate widened track infrastructure
• A 6-track storage yard at/near the proposed terminal Station, with ability to expand to 8 tracks in the future
Terminal Yard Design

• A single storage yard must be constructed near the selected terminal location station

• Includes crew facility building for engineers, conductors and train cleaning crews to report to work

• Includes an emergency fuel facility

• Accommodates future expansion to 8-track storage yard

• Access via existing local road network

• Will not impact any existing buildings
Questions?

Website:
Metrarail.com/kendallextension
Alternative P
Alternative Y
Alternative S