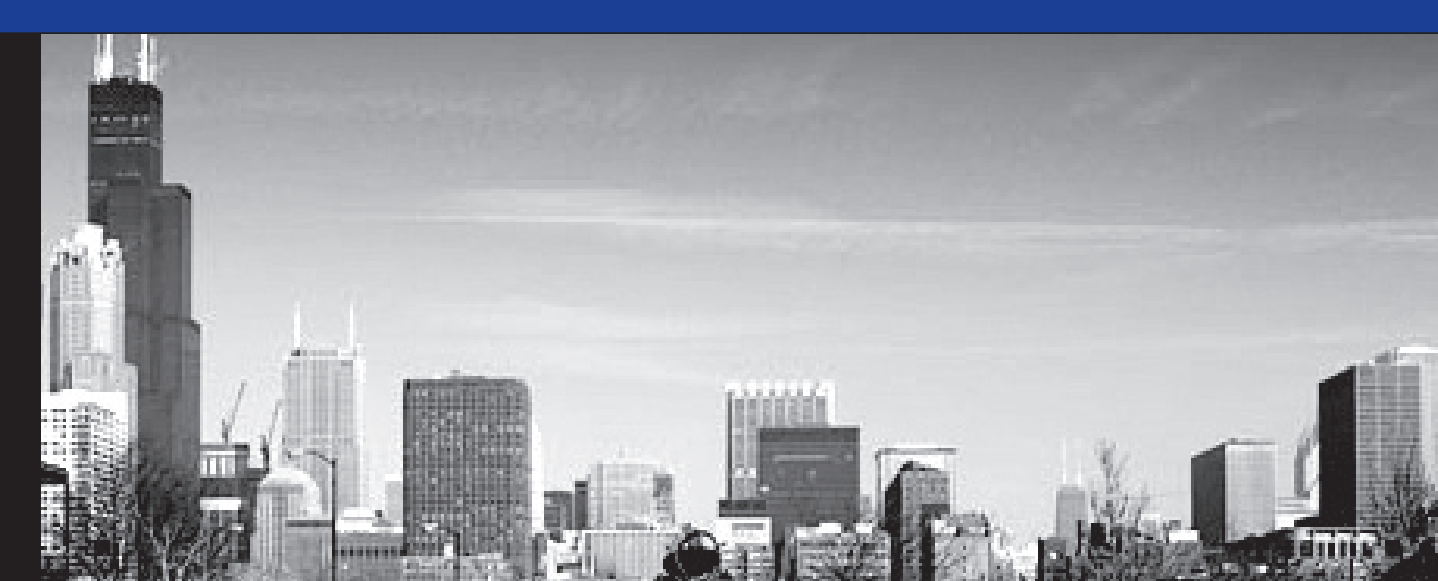


Technology Evaluation Scorecard

Suitability

Measure of Effectiveness Technology	Does the mode meet the MOE?		
	Length of Commute	Typical Station Spacing	Operating Speed
Automated Guideway	●	●	●
Bus Rapid Transit	●	●	●
Commuter Bus	●	●	●
Commuter Rail	●	●	●
Heavy Rail Rapid Transit	●	●	●
High-Speed Rail	●	●	●
Light Rail Transit	●	●	●
Local Bus	●	●	●
MagLev	●	●	●
Personal Rapid Transit	●	●	●
Streetcar	●	●	●

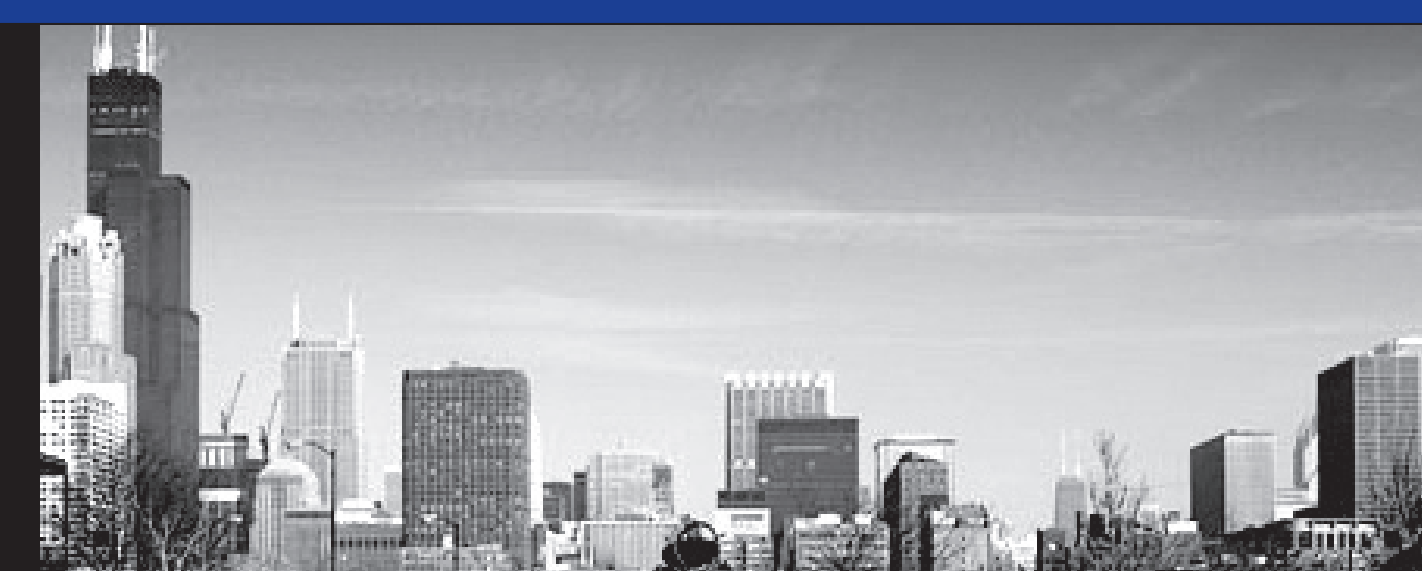
● Yes ● No



Technology Evaluation Criteria

Criterion/ Technology	Study Area Suitability	System Applicability	Overall Score	Recommend to Step 2 of Screen 1?
	Does the mode meet all the MOE in Criteria?			
Bus Rapid Transit	●	●	●	Yes
Heavy Rail Rapid Transit	●	●	●	Yes
Light Rail Transit	●	●	●	Yes
Automated Guideway	●	●	●	Yes
Commuter Bus	●	●	●	No
Commuter Rail	●	●	●	No
High-Speed Rail	●	●	●	No
Local Bus	●	●	●	No
MagLev	●	●	●	No
Personal Rapid Transit	●	●	●	No
Streetcar	●	●	●	No

● Yes ● No

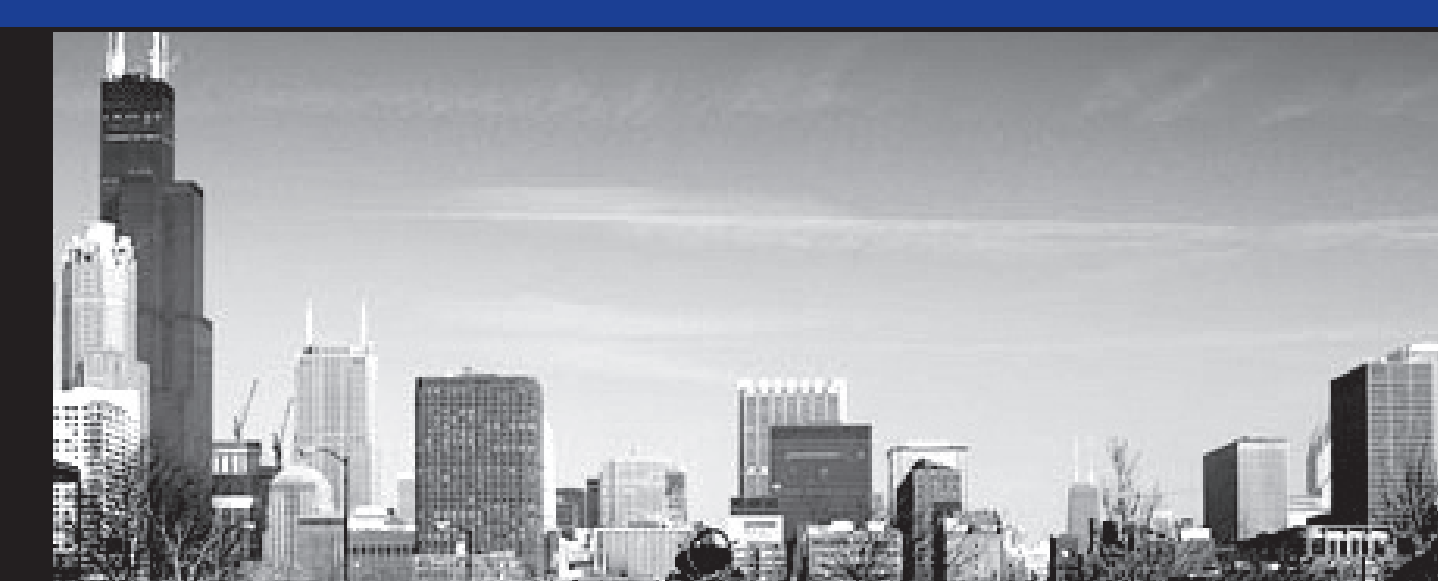


Technology Alignments Considered

Step 2 of Screen 1

Technology	Air Quality	System Capacity	Travel Time	Compatibility	Traffic	Project Costs	Carry Forward
At-Grade Bus Rapid Transit	○	—	○	+	○	○	●
At-Grade Light Rail	○	+	○	—	○	○	●
Below Grade Automated Guideway	○	—	+	—	○	○	●
Below Grade Bus Rapid Transit	○	—	—	—	○	○	●
Below Grade Heavy Rail Rapid Transit	○	+	+	+	○	○	●
Below Grade Light Rail	○	—	—	—	○	○	●
Elevated Automated Guideway	○	—	+	—	○	○	●
Elevated Bus Rapid Transit	○	—	—	—	○	○	●
Elevated Heavy Rail Rapid Transit	○	+	+	+	○	○	●
Elevated Light Rail	○	—	—	—	○	○	●

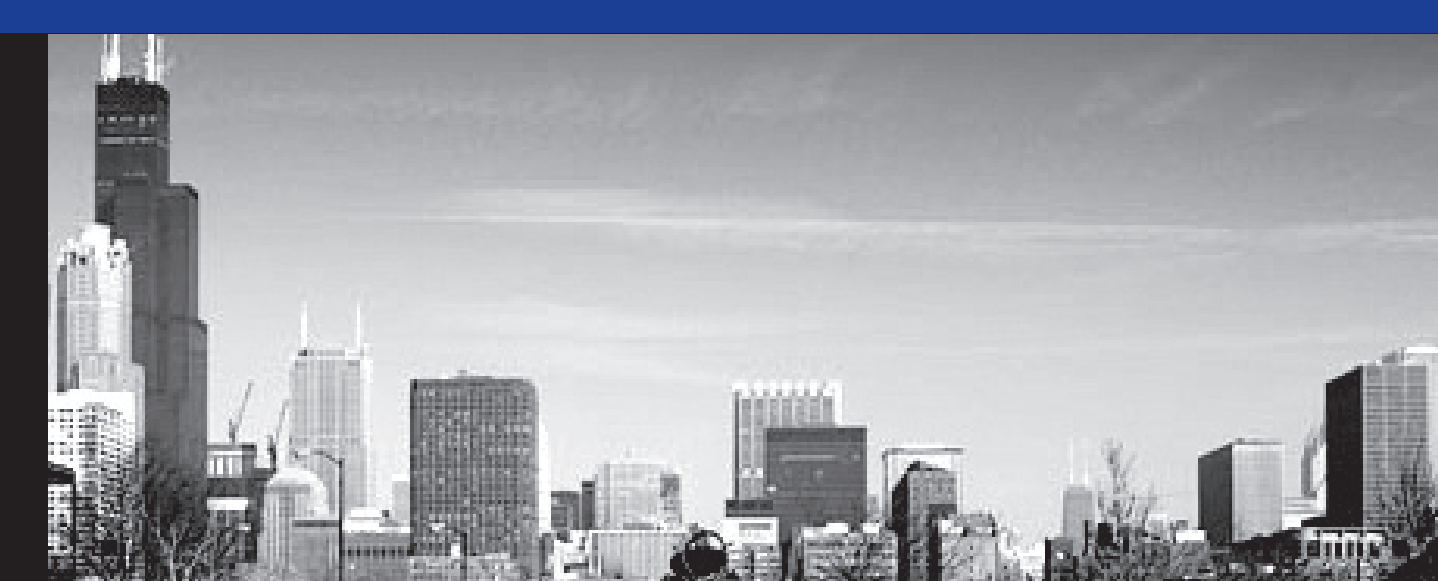
- +** Better than other alternatives
- Same as other alternatives
- Worse than other alternatives
- Yes **●** No



Corridors Considered

Corridor	Recommended for Further Analysis?	Comments
Clinton/Canal Avenue	●	<p>Location: Corridor is less than ½ mile from the Loop.</p> <p>Land Use: Does not access non-CBD activity centers.</p> <p>Transit Connections: Metra already at terminals, close to CTA Loop stations already.</p>
Halsted Avenue	●	<p>Location: Corridor is ¾ mile from the Loop.</p> <p>Land Use: Little travel time improvement for non-CBD trips.</p> <p>Transit Connections: Too close to terminals for any Metra connections; existing CTA rail stations could be connected.</p>
Ashland Avenue	●	<p>Location: Sufficient distance of 1 ¾ miles from the Loop.</p> <p>Land Use: accesses major neighborhoods and key activity centers.</p> <p>Transit Connections: good connections to existing CTA transit stations, possibility of new Metra transfer stations.</p>
Ashland/Ogden Avenue	●	<p>Location: Similar to Ashland Corridor.</p> <p>Land Use: Similar to Ashland south of Lake Street, does not serve neighborhoods north of Lake Street.</p> <p>Transit Connections: More direct connection between rapid transit lines in the north. Would serve same Metra stations as Ashland in the south, but does not serve Metra Clybourn station.</p>
Damen Avenue	●	<p>Location: Sufficient distance from the Loop at 2 ¼ miles.</p> <p>Land Use: Access to activity centers and neighborhoods; but primarily small scale residential character less conducive to high capacity transit improvements.</p> <p>Transit Connections: Damen (Blue Line) only existing CTA station. Possibility of new Metra and/or CTA Transfer station.</p>
Western Avenue	●	<p>Location: Corridor is 2 ¾ miles from Loop, with largest theoretical travel time savings.</p> <p>Land Use: Wide avenue with many uses; industrial in south, but with mixed uses in north.</p> <p>Transit Connections: Existing Metra stations on BNSF and Milwaukee District; connection with Metra Clybourn possible; many CTA rail stations on route.</p>

Yes ● No ●



Screen 1 Preliminary Findings

Alignment Configuration	Heavy Rail Rapid Transit	Light Rail Transit	Bus Rapid Transit
Ashland Corridor Elevated	●	●	●
Ashland Corridor At-Grade	●	●	●
Ashland Corridor Below-Grade	●	●	●
Ashland/Ogden Corridor Elevated	●	●	●
Ashland/Ogden Corridor At-Grade	●	●	●
Ashland/Ogden Corridor Below-Grade	●	●	●
Western Corridor Elevated	●	●	●
Western Corridor At-Grade	●	●	●
Western Corridor Below-Grade	●	●	●

● Yes ● No

