

# SR 520 Corridor Study – Potential Deficiencies – 11-10-11

NOTE: This list to be used with map: SR 520 Multi-Modal Corridor Planning Study Potential Deficiencies (December 2011)

## **Motorized:**

2. I-405 Improvements - Preserve - do not preclude
  - I-405 Master Plan study to review/revise elements and Need phased plan with cost estimates
3. Improve the merge condition; possibly add an auxiliary lane southbound on I-405 westbound SR 520 to southbound I-405
4. SR 520 – 124<sup>th</sup> Avenue NE I/C to/from east
  - SR 520 – Auxiliary lanes between 148<sup>th</sup> Avenue NE and 124<sup>th</sup> Avenue NE
5. Eastbound SR 520, 148<sup>th</sup> Avenue NE off-ramp modification
  - Need slip ramp that Needs access to 152<sup>nd</sup> Avenue NE
  - Interchange Justification Report complete
  - Cost estimate 5%
11. Between the NE 40<sup>th</sup>/51<sup>st</sup> Street CD and the West Lake Sammamish interchanges (both directions) - Need transit shoulder lanes
  - Use existing pavement as much as possible
  - May require repaving if shoulder is not designed for heavy vehicle use
12. Study the need and phasing of direct transit access at the NE 40<sup>th</sup> Street interchange
  - Determine how this type of access would be needed when rail is completed
  - If there is a need for the direct transit access determine if it is feasible

## **Non-Motorized:**

1. Complete regional bike connection - 124<sup>th</sup> Avenue NE to 108<sup>th</sup> Avenue NE.
6. Need enhanced pedestrian crossing over SR 520 at 148<sup>th</sup> Avenue NE
7. Need new pedestrian crossing over SR 520 in the vicinity of the proposed Sound Transit rail station.
8. Need grade separated regional trail crossing under 148<sup>th</sup> Avenue NE
9. Need expanded passenger waiting areas at NE 40<sup>th</sup> Street freeway transit stations
10. Need grade separated regional trail crossing under NE 40<sup>th</sup> Street.
13. Need grade separated pedestrian crossing at NE 51<sup>st</sup> Street both sides of 520
14. Need grade separated pedestrian crossings:
  - Redmond Town Center
  - SR 520/SR 202 Intersection

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## Other:

15. Potential Park and Ride Lot at SE corner of intersection of SR 520 with SR 202?
16. Study pedestrian access at the East Lake Sammamish Parkway/ SR 202 intersection to improve operations at the SR 520 terminus

## Policy Issues:

17. Preserve Rail ROW
18. ATM east of I-405
19. Is there data for emergency access?
  - MOE for priority
20. Park and Ride needs plan
21. HOV Access Improvements