

West Plains Transit Center

Technical Committee Meeting #3
November 6, 2014



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Meeting Outline

- Review of the Agenda
- Review & Approval of October 2nd Notes
- Finalize Management Documents
 - Purpose & Need
 - Charter Agreement
 - Methods & Assumptions
- Policy Point 1, 2 & 3
 - Revisions to Policy Point 1
 - Introduction of Policy Point 3
 - Confirmation of Policy Point 2
- Alternative Scoring Analysis
- Wrap Up & Next Steps
 - Schedule
 - Meeting Times/Dates
- Adjourn

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Management Documents

Finalizing the Management Documents



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Policy Point 1

Policy Point 1 – Need for Access Point Revision

Analysis of existing traffic conditions

- Revision to Policy Point 1 include:
 - Document summarizes results
 - Emphasize the need for the transit flyer stops based on the base conditions operation analysis
 - Detailed traffic analysis moved to Policy Point 3




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Policy Point 3

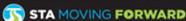
Policy Point 3 – Operational and Collision Analysis

Documents the operational and collision effects of the proposed build alternatives:

- Current year 2014
- Opening year 2020
- Design year 2040

"The collision analyses indicate that the build alternatives have minor impact on the safety of the freeway and the adjacent local street system in the study area, as compared to base conditions in 2040. This is because the build alternatives only involve a few express buses accessing the West Plains Transit Center during the peak hours."




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Policy Point 3

Current Year 2014

- Description
 - Existing Conditions
- Travel Times

EB AM Peak	4 min 46 sec	EB PM Peak	4 min 46 sec
WB AM Peak	4 min 47 sec	WB PM Peak	4 min 47 sec
- Freeway LOS – All freeway movements LOS B or better
- Intersection LOS – Three intersections with LOS D or less
 - EB Ramp @ SR 902/I-90 AM LOS E – PM LOS D
 - WB Ramp @ SR 902/I-90 AM & PM LOS D
 - Hayford Rd @ Medical Lake Rd AM LOS D – PM LOS F




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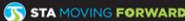
Policy Point 3

Future Year 2020

- Description
 - Transit Center constructed
 - No Flyer Stops
 - WSDOT Roundabouts on W. Aero Rd not constructed
- Travel Times

EB AM Peak	20 min 3 sec	EB PM Peak	22 min 54 sec
WB AM Peak	18 min 9 sec	WB PM Peak	20 min 17 sec
- Freeway LOS – All freeway movements LOS C or better
- Intersection LOS – Three Intersections with LOS D or less
 - EB Ramp @ SR 902/I-90 AM & PM LOS F
 - WB Ramp @ SR 902/I-90 AM & PM LOS F
 - Hayford Rd @ Medical Lake Rd AM & PM LOS F




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Policy Point 3

Future Year 2040 Without WSDOT Roundabouts Project

- Description
 - Transit Center constructed
 - No Flyer Stops
 - WSDOT Roundabouts on W. Aero Rd not constructed
- Travel Times

EB AM Peak	34 min 11 sec	EB PM Peak	43 min 4 sec
WB AM Peak	22 min 42 sec	WB PM Peak	24 min 52 sec
- Freeway LOS – All freeway movements LOS C or better
- LOS – Three intersections with LOS D or less
 - EB Ramp @ SR 902/I-90 AM & PM LOS F
 - WB Ramp @ SR 902/I-90 AM & PM LOS F
 - Hayford Rd @ Medical Lake Rd AM & PM LOS F




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Policy Point 3

Future Year 2040 With WSDOT Roundabouts Project

- Description
 - Transit Center constructed
 - No Flyer Stops
 - WSDOT Roundabouts on W. Aero Rd is constructed
- Travel Times

EB AM Peak	12 min 46 sec	EB PM Peak	13 min 11 sec
WB AM Peak	14 min 54 sec	WB PM Peak	15 min 45 sec
- Freeway LOS – All freeway movements LOS C or better
- LOS – No intersections with LOS D or less




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Policy Point 3

Collision Analysis

Table 3.19: 2020 and 2040 ISATe Collision Analysis for Build Alternatives

Collision Type	2020				2040			
	Base Conditions	Alternative 2	Alternative 3A	Alternative 3B	Base Conditions	Alternative 2	Alternative 3A	Alternative 3B
Multi Vehicle	Head on	1	1	1	1	1	1	1
	Right Angle	1	1	1	1	1	1	1
	Rear End	7	7	7	7	8	8	8
	Other	5	5	5	5	6	6	6
Single Vehicle	Animal	1	1	1	1	2	2	2
	Fixed Object	13	13	13	13	15	15	15
	Other	8	8	8	8	9	9	9
Total	36	36	36	36	42	42	42	42


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Policy Point 2

Alternative 1 – Existing Street System




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Policy Point 2

Alternative 2 – Westbound Median Flyer Stop




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