



# South Mountain Transportation Corridor Study

## Citizens Advisory Team Technical Report Summary

### Draft Cost Estimate

***What is included in the Draft Cost Estimate?***

The Draft Cost Estimate Summary summarizes the construction cost and right-of-way (R/W) costs presented to date.

***Why address these issues in the Environmental Impact Statement (EIS)?***

While cost is not a primary criteria for eliminating alternatives during the detailed study phase, it is a criteria used in the comparison of similar alternatives. As such, a certain level of cost estimating is performed.

***What if the project was not constructed?***

If the project were not constructed, the funding currently designated would be returned to Regional Freeway Funding source administered by the Maricopa Association of Governments (MAG).

***Are there any specific and/or unique impacts from the action alternatives?***

Table 1 summarizes the construction cost estimates as presented in the Construction Cost Estimate Technical Report Summary of January 2006.

Table 1. Alternatives Construction Cost Estimate

<b>Alignment</b>	<b>Western Section</b>	<b>Eastern Section</b>	<b>Total</b>
<b>W55 and E1</b>	\$598,000,000	\$478,000,000	\$1,076,000,000
<b>W71 and E1</b>	\$517,000,000	\$478,000,000	\$995,000,000
<b>W101WFR and E1</b>	\$812,000,000	\$478,000,000	\$1,290,000,000
<b>W101WPR and E1</b>	\$794,000,000	\$478,000,000	\$1,272,000,000
<b>W101CFR and E1</b>	\$802,000,000	\$478,000,000	\$1,280,000,000
<b>W101CPR and E1</b>	\$784,000,000	\$478,000,000	\$1,262,000,000
<b>W101EFR and E1</b>	\$818,000,000	\$478,000,000	\$1,296,000,000
<b>W101EPR and E1</b>	\$800,000,000	\$478,000,000	\$1,278,000,000



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Table 2 summarizes the total R/W cost by alternative for the corridor as presented in the Right-of-Way Estimate Technical Report Summary of March 2006.

**Table 2. Total Right-of-Way Cost by Alternative**

Alternative	Western Section	Eastern Section	Total
W55 and E1	\$268,000,000	\$332,000,000	\$600,000,000
W71 and E1	\$706,000,000	\$332,000,000	\$1,038,000,000
W101WFR and E1	\$628,000,000	\$332,000,000	\$960,000,000
W101WPR and E1	\$660,000,000	\$332,000,000	\$992,000,000
W101CFR and E1	\$718,000,000	\$332,000,000	\$1,050,000,000
W101CPR and E1	\$750,000,000	\$332,000,000	\$1,082,000,000
W101EFR and E1	\$722,000,000	\$332,000,000	\$1,054,000,000
W101EPR and E1	\$754,000,000	\$332,000,000	\$1,086,000,000

Table 3 summarizes the total cost of construction and R/W for the length of the corridor, by alternative.

**Table 3. Total Project Cost by Alternative**

Alternative	Western Section	Eastern Section	Total
W55 and E1	\$866,000,000	\$810,000,000	\$1,676,000,000
W71 and E1	\$1,223,000,000	\$810,000,000	\$2,033,000,000
W101WFR and E1	\$1,440,000,000	\$810,000,000	\$2,250,000,000
W101WPR and E1	\$1,454,000,000	\$810,000,000	\$2,264,000,000
W101CFR and E1	\$1,520,000,000	\$810,000,000	\$2,330,000,000
W101CPR and E1	\$1,534,000,000	\$810,000,000	\$2,344,000,000
W101EFR and E1	\$1,540,000,000	\$810,000,000	\$2,350,000,000
W101EPR and E1	\$1,554,000,000	\$810,000,000	\$2,364,000,000

### ***Are the conclusions presented in this summary final?***

It is quite likely that quantitative findings relative to impacts are subject to change. The reasons for future changes which will be presented to the public during the Draft EIS, Final EIS and Final Design stages are based on the following:

- Refinement in design features through the design process.
- Updated aerial photography as it relates to rapid growth in the Western Section of the Study Area.
- On-going communications with the City of Phoenix regarding measures to minimize harm to South Mountain Park/Preserve.
- On-going communications with GRIC in regards to granting permission to study action alternatives on GRIC lands.
- Potential updates to traffic forecasts as updated regularly by MAG.



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- Potential updates with regards to the special 2005 survey to augment the 2000 Census.
- As design progresses, cost estimates for construction, R/W acquisition, relocation and mitigation will be updated on a regular basis. The RTP Freeway Program is updated by ADOT every six months.

However, even with these factors affecting findings, it is anticipated the affects would be equal among the alternatives and consequently impacts would be comparatively the same. This assumption would be confirmed if and when such changes were to occur.

### ***As a member of the Citizens Advisory Team, how can you review the entire technical report?***

The complete technical report is available for review by making an appointment with Mike Bruder or Mark Hollowell at 602-712-7545.