

SCREENING POTENTIAL SOLUTIONS



Level 2 – Screening of Potential Solutions *The Entryway*

These criteria and measures have been developed from the critical issues gathered from the Leadership Teams, the Public Open Houses, the web site, the hot line and written comments. These Potential Solutions have been developed using ideas gathered from the Leadership Teams, the Public Open Houses, the web site, the hotline and written comments.

Level 1 Criteria Categories	Community Values			Safety, Accessibility & Mobility			Environmental		Implementation	
	Is this idea compatible with non-motorized mobility?	Is this idea compatible with the corridor's context and setting?	Is this idea compatible with total goals with total goals and plans?	Does this idea provide access for local trips or does it preserve future transportation mobility options?	Is this idea compatible with the existing and planned transportation system?	Can this idea improve safety?	Can adverse environmental impacts be avoided, minimized or mitigated?	Is this compatible with implementation of local agency plans?	Is this a proven technology?	
Level 2 Criteria Measures	<ol style="list-style-type: none"> Number of trips moved from the single corridor route to other modes of travel. What is the level of community support for this potential solution? Number of grade separated crossings of US24 Mileage of new trails Number of existing plans this solution is compatible with. The number of views that are altered. 	<ol style="list-style-type: none"> Change in number of access points on US24 Number of signalized intersections Change in capacity Number of new or improved cross street facilities Number of new or improved parallel facilities Improvement in travel time Number of inter-modal connections Number of Potential Transit Users What is the right-of-way width needed for this solution? Number of high accident locations improved 	<ol style="list-style-type: none"> Acres of new paved surface Number of residents within 500 feet of pavement Number of new stream crossings Number of recycled historic sites within 500 feet of pavement Number of locations where parks, trails and recreation resources are affected Acres of new right-of-way 	<ol style="list-style-type: none"> Ability of this solution to be phased and provide incremental benefits Construction impact on existing traffic Ease and speed of construction Ability of this solution to be funded Does this solution support the Pajaron Congestion Management Plan? 						
<p>The goal of Level 2 analysis is to determine the strengths and weaknesses of a potential solution. Through this process it can be determined which of the potential solutions best meet the vision and best address the critical issues.</p> <p>The final alternative is NOT one of the potential solutions but a combination of the best elements that best meet all of the administrative goals and tasks as closely as our vision for the US24 Corridor.</p>	<p>The Community Values remain improving non-motorized mobility. Select a solution that maintains the corridor context and setting, and achieving the goals set forth in this process. It can be determined which of the potential solutions best meet the vision and best address the critical issues.</p> <p>These Level 2 Criteria represent measurable facts about each solution. The measurements are not good or bad; they are just facts. There are inherent conflicts between these measures, such as more wildlife capacity can result in more paved surface and can detract from transit use.</p> <p>It is the stakeholder's work to determine if the facts about a solution take us closer to our vision than another set of facts. What is the balance?</p>	<p>The Mobility and Access criteria demonstrate how improved mobility for regional trips (those outside points with lower signalized intersections) is in conflict with access to local businesses (improved access points and adequate signalized intersections). The answer lies in the balance between access and mobility.</p> <p>Improving high accident locations should be a goal for any solution that moves forward.</p>	<p>The environmental criteria are a proxy for our overall goal of avoiding, minimizing and mitigating impacts. For example, a significant increase in acres of new paved surface indicates that more runoff will need to be treated to maintain water quality. This treatment can be accomplished through mitigation. However, if a solution provides the same access and mobility with much less paved surface, it is a solution that minimizes or may even avoid the impact. Some measures such as "improvement in travel time" also measure environmental goals; improved travel time correlates to improved air quality.</p>	<p>The implementation criteria help us understand how practical a solution may be to implement. Alternatives that can be easily phased to match available funding may advance more quickly in the local planning process. However, sometimes the solution that has the least environmental impact and provides the best fit of access and mobility requires a large start to finish construction effort. Again, what is the balance?</p>						



