

APPENDIX C

Rationale for Principle-Benefit Association

Principle	Benefits	Rationale
Use interdisciplinary teams	Design features appropriate to context	The use of such teams will allow for input from all members while the design is developed and allow for addressing the specific elements required by each team member as they may influence design.
	Decreased time for overall project delivery	The interaction between team members will allow for resolution of issues that may arise in the subsequent phases of the project development process and therefore reduce the time requirements for each phase and the entire project.
	Minimized impact to human and natural environment	The use of such teams will allow for input from all members while the design is developed and allow for addressing the specific human and natural concerns by each team member as they may influence the project design.
	Optimized maintenance and operations	The inclusion of traffic operations and maintenance as team members will allow for more streamlined operations for the facility and facilitate any future special needs for the upkeep of the facility.
Involve stakeholders	Increased stakeholder/public participation, ownership and trust	Involving stakeholders throughout the project development process will increase their participation, since their input will be solicited at certain points of the process, improve trust in the process, since their opinion will be valued and considered, and enhance ownership of the project, since their concerns will be addressed and their input considered.
	Improved stakeholder/public feedback	The involvement of stakeholders will allow for a more appropriate and organized feedback process, since it has the potential to be customized.
	Increased partnering opportunities	The involvement of stakeholders will allow for the identification of common goals and increase opportunities for partnering in the project.
	Minimized construction related disruption	The stakeholder involvement has the potential to identify means for reducing the disruption to the community by identifying desirable closure periods for construction and/or providing suggestions for alternative routes.
Seek broad-based public involvement	Improved community satisfaction	The consideration of comments received during the public involvement process will increase community satisfaction regarding the process and the solution developed and enhance the agency's image for future projects.
	Improved long term decisions and investments	The consideration of comments received during the public involvement process will assure that the solution developed fits with the long term goals of the community.
	Improved predictability of project delivery	The use of a broad-based public involvement will allow for the identification of all possible areas of concern and their proper resolution, which in turn has the potential to reduce future delays and thus improve predictability of project delivery.

Use full range of communication strategies	Increased stakeholder/public participation, ownership and trust	The use of full range communication means will allow stakeholders to better participate in the process and therefore provide them with a more informed process for providing meaningful input.
	Improved stakeholder/public feedback	The use of full range communication means will allow stakeholders to fully understand the issues and elements of the project and thus enhance their ability to provide the appropriate feedback when required.
Achieve consensus on purpose and need	Increased stakeholder/public participation, ownership and trust	Achieving consensus on purpose and need by the stakeholders will allow for increased participation and engagement in the process as well as a feeling of ownership of the project, since its purpose and need will reflect their input and values.
	Improved predictability of project delivery	Achieving consensus on purpose and need by all parties will allow for addressing all concerns in a timely manner and avoid unanticipated delays.
	Improved long term decisions and investments	Achieving consensus on purpose and need will assure that the solution developed fits with the long term goals of the community.
	Improved mobility for users	The consideration of all modes will allow for the identification and inclusion of all modes appropriate for the community and the thus enhance mobility options and choices for the users of the facility.
	Improved community satisfaction	Achieving consensus on purpose and need will allow for developing a project that is in sync with the community vision, since its purpose and need will reflect such input and vision thus resulting in a project that will satisfy the community.
Address alternatives and all modes	Improved mobility for users	Consideration of all alternatives and modes will identify all potential options for the users to be considered.
	Improved multi-modal options	The consideration of all alternatives and modes will improve the connectivity of modes and identify potential new modes that could be part of the project and therefore improve the modal choices for the facility users.
	Increased stakeholder/public participation, ownership and trust	The consideration of all alternatives and modes will improve stakeholder participation, since their input will be sought to identify potential alternatives and modes to be considered, ownership of the project, since their input will solicited and considered in the final project design, and trust in the process, since their comments will be considered and addressed during the project development process.
	Improved long term decisions and investments	Consideration of all alternatives and modes will assure that the solution developed fits with the long term goals of the community.
	Improved walkability and bikeability	Consideration of all alternatives and modes will improve the options for pedestrians and bicyclists.

Consider a safe facility for users and community	Improved safety (vehicles, pedestrians and bikes)	Considering a safe facility will result in an improved safety level, since the needs of all users will be considered and addressed.
	Improved quality of life for community	Considering a safe facility will result in an improved quality of life for the community, since a safer facility will allow for lower crash rates.
	Improved speed management	Considering a safer facility will result in improved speed management, since the design elements provided in the project design will consider speed issues as part of their selection and aim in addressing speed management.
	Improved walkability and bikeability	Considering a safe facility will result in an improved safety level for pedestrians and bicyclists, since their needs will be considered and addressed.
	Increased risk management and liability protection	Considering a safe facility will result in increased risk management protection, since all decisions will be documented and properly supported.
Maintain environmental harmony	Minimized overall impact to human and natural environment	Achieving environmental harmony will result in minimized impacts to natural and human environment, since the appropriate issues will be considered and addressed.
	Improved environmental stewardship	Aiming to maintain environmental harmony will demonstrate the commitment of the agency to environmental concerns and issues and improve the agency's stewardship.
	Improved quality of life for community	Achieving environmental harmony will result in improved quality of life for the community, since all social and natural environment issues will be considered and addressed.
	Design features appropriate to context	Maintaining environmental harmony will result in developing a project solution that will have design features that are appropriate to the context since the environmental concerns will be considered and addressed in a proper manner.

Address community and social issues	Improved community satisfaction	Providing aesthetic treatments will improve community satisfaction, since the final design solution will address the community desires as they were formed during the public and stakeholder input meetings.
	Increased stakeholder/public participation, ownership and trust	Considering the community and social issues will enhance stakeholder participation, since their input will be sought, ownership, since their comments and suggestions will be considered in the project's solution, and trust, since their input will be seriously considered and included in the final project design.
	Minimized overall impact to human and natural environment	Considering the community and social needs will minimize the impact to human environment, since all appropriate issues will be addressed and appropriate solutions will be sought to be included in the final project design.
	Improved quality of life for community	Consideration of community and social issues will improve the quality of life since comments and input from public involvement that were addressed in the final project design will result in a project that will enhance their quality of life.
	Design features appropriate to context	Consideration of community and social issues will result in a project solution with features appropriate to the project context since these solutions will be based on comments and input from public involvement.
Address aesthetic treatments and enhancements	Improved community satisfaction	Providing aesthetic treatments will improve community satisfaction, since the final design solution will address the community desires as they were formed during the public and stakeholder input meetings.
	Increased stakeholder/public participation, ownership and trust	Providing aesthetic treatments will enhance their participation, since their input will be sought, ownership in the project, since their comments and suggestions will be considered in the project's solution, and trust, since their input will be seriously considered and included in the final project design.
	Improved quality of life for community	Providing aesthetic treatments will improve quality of life for the community, since the final design solution will provide an aesthetically pleasing environment.
Utilize full range of design choices	Design features appropriate to context	Utilizing a full range of design choices will result in developing a solution that will have design features that are appropriate to the context since all concerns will be considered and addressed in a proper manner.
	Improved multi-modal options	Utilizing a full range of design choices will improve the options for mode connectivity and include any new modes identified in the final design solution.
	Minimized overall impact to human and natural environment	Utilizing a full range of design choices will minimize the impact to natural and human environment, since all appropriate issues will be addressed and appropriate solutions will be sought in the final project design.
	Improved speed management	Utilizing a full range of design choices will result in improved speed management, since the design elements provided in the project design will consider speed issues when are selected and aim in addressing speed management.

Document project decisions	Increased stakeholder/public participation, ownership and <u>trust</u>	The documentation of project decisions will increase stakeholder trust in the process, since there will be a record of the decisions made throughout the entire process and it could be used to support all choices made.
	Improved community satisfaction	Documentation of project decisions will improve community satisfaction since it will demonstrate that the choices were made based on community and stakeholder input and provide a rational support for each choice made.
	Increased risk management and liability protection	Documentation of project decisions will result in increased risk management and liability protection, since all project decisions will be documented and properly supported.
Track and meet all commitments	Increased stakeholder/ public participation, <u>ownership and trust</u>	Tracking and meeting project commitments will increase stakeholder ownership, since it will demonstrate that their input and commitments made during the various project phases were met, trust, since the commitments made were followed through, and possibly participation in future projects, since it will indicate that involvement is considered important.
	Improved community satisfaction	Tracking and meeting project commitments will improve community satisfaction, since it will demonstrate that their input and commitments solicited during the public involvement process were met and followed through resulting in a project in accordance with community vision and values.
	Increased risk management and liability protection	Tracking and meeting project commitments will result in increased risk management and liability protection, since all project decisions will be documented and properly supported.
Use agency resources effectively	Decreased costs for overall project delivery	The effective use of all project resources will have as an immediate result the decreased cost for overall project delivery, since it will optimize all resources (interdisciplinary team, stakeholder, and public) to their maximum potential.
	Decreased time for overall project delivery	The effective use of all project resources will have as an immediate result the decreased time for overall project delivery, since it will optimize all resources (interdisciplinary team, stakeholders, and public) to their maximum potential.
	Improved long term decisions and investments	The effective use of all resources will improve sustainable decision and investments, since it will allow for a better attainment of community vision and goals.

Create a lasting value for the community	Improved quality of life for community	A project that creates a lasting value to the community will improve quality of life, since it will be a project reflecting the community vision and address the public and stakeholder issues and concerns.
	Increased stakeholder/public participation, ownership and trust	A project that creates a lasting value to the community will improve stakeholder ownership, since the project reflects their input, trust, since it will demonstrate that the input was considered and addressed, and possibly participation in future projects, since their participation was valued and considered.
	Improved long term decisions and investments	A project that creates a lasting value for the community will improve long term decision and investments, since it will allow for a better attainment of community vision and goals.
	Improved community satisfaction	A project that creates a lasting value for the community will improve community satisfaction, since it will consider and address public and stakeholder input and result in solutions that will provide a project appropriate to its context.