

Attachment A: 2013 VE Program Performance Form

Instructions: The following form follows the format of the electronic survey that will be used by FHWA Division Offices to submit VE Program Performance information via FHWA's SharePoint website. A few question numbers are out of sequence due to the logic required in the survey software. There are certain questions that will be skipped if the first question in a sequence is answered 'no' in the SharePoint survey. There are instructions, below, when this occurs within a series of questions. Provide your answer to each question in the center column under response. Please make sure to read the specific guidance and instructions provided in the far right column for each question as these are intended to assist in a filling out the survey.

Question:	Response:	Guidance and Instructions:
What is the State, Territory or Federal Lands office being reported?	Colorado	A radio dial will be used in the survey to select your State. Enter your State in the response column.
PART 1 – VE Programs		
<u>VE Program</u> 1a_7. Does your DOT have a formalized VE Program?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no. Note: If answer is 'no', the survey will skip questions 1a_1 through 1a_6 and automatically go to 1a_Comments.
1a_1. Does your DOT's VE program include a documented and adopted VE Policy?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1a_2. Does your DOT's VE program have an identified VE coordinator?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1a_3. Does your DOT's VE program include a VE Training initiative?	No	A VE Training initiative ensures team members are knowledgeable and prepared to participate in VE analyses. The survey will have a checkbox. Click on the

		box for yes or leave blank for no.
1a_4. Does your DOT's VE program include VE Program Performance Goals and Measures?	No	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1a_5. Does your DOT's VE program include a plan to monitor, evaluate and report on the performance of the VE Program?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1a_6. Does your DOT's VE program include documented procedures for conducting VE analyses?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1a_Comments. Briefly provide comments on your State DOT VE Program.	VE Study Required on Projects over \$40M total cost. VE recommended as early as possible in the project lifecycle. Describes specific processes from forming VE teams, leaders, facilities, equipment, VE packages, VE review, and final acceptance. Guidance also describes specific information that is needed in the report to assure required FHWA reporting information is recorded.	Comments may include lessons learned, successful practices or issues influencing your State DOT's VE Program. Please make sure your response is clear, concise and informative enough to convey the issue(s) identified.
<u>VE Policy and Procedures</u> 1b_9. Does your DOT have an official VE Policy/Procedure?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no. Note: If answer is 'no', the survey will skip questions 1b_1 through 1b_8 and will automatically go to 1b_Comments.
1b_1. Does your DOT's VE Policy/Procedure include processes to identify candidate projects to conduct VE	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.

analyses?		
1b_2. Does your DOT's VE Policy/Procedure include processes to assure that required VE analyses are conducted?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1b_3. Does your DOT's VE Policy/Procedure include processes for the conduct of VE analyses?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1b_4. Does your DOT's VE Policy/Procedure include a process for scheduling VE analyses?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1b_5. Does your DOT's VE Policy/Procedure include processes to review, accept and/or reject VE recommendations?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1b_6. Does your DOT's VE Policy/Procedure include processes for tracking and monitoring VE analyses?	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.
1b_7. Does your DOT's VE Policy/Procedure include processes for tracking and monitoring implementation of VE recommendations?	Yes	The process should include the requirement to ensure approved recommendations are incorporated into projects prior to construction. The survey will have a checkbox. Click on the box for yes or leave blank for no.
1b_8. Does your DOT's VE Policy/Procedure include or reference established VE	Yes	The survey will have a checkbox. Click on the box for yes or leave blank for no.

<p>coordinator roles and responsibilities?</p>		
<p>1b_Comments. Briefly provide comments on your State DOT's VE Policy/Procedure.</p>	<p>VE program/process had not been closely monitored until recently. VE program has since grown via a new Design Phase VE policy, and VE information campaign. Also, the role of "VE Coordinator" had been formalized and assigned to one person, Ryan Sorensen. The program has taken off in the last year, but the State has yet to go back and do an improvement review/lessons learned.</p>	<p>Comments may include lessons learned, successful practices or issues influencing your State DOT's documented VE Policy.</p> <p>Please make sure your response is clear, concise and informative enough to convey the issue identified.</p>
<p><u>VE Program Resources</u></p> <p>2. Identify the title and links to any of your DOT's VE Program websites, such as:</p> <ul style="list-style-type: none"> - General VE Program Information - VE Program Policy - VE Program Procedures - VE Program Performance Reporting - Other VE program activities, documents, or resources. 	<p>Currently just the policy is posted:</p> <p>http://www.coloradodot.info/business/designsupport/bulletins_manuals/design-bulletins/current/db-2013-3-value-engineering/view</p> <p>A formalized VE website with guidance, VE team leader pool, VE team member pool, VE tracking, etc. is under construction.</p>	<p>Please enter any external State DOT internet websites where VE data is stored. Please note the content of the page (i.e. policy, procedures, reports, etc)</p> <p>Please do not include any intranet sites that would not be available for other State DOTs.</p>
<p><u>Improving VE Analyses</u></p> <p>3a. Briefly describe any practices your DOT uses to improve the VE Program and VE analyses conducted.</p>	<p>Utilizing the Statewide Design VE Coordinator as a resource for questions/issues, and to act as a liaison to coordinate team leaders and members with projects with upcoming VE studies.</p> <p>VE Study must report on VE Items, Original Concept and VE Recommendation (Rec), Rec Advantages /Disadvantages, Potential Rec Benefits, Estimated Rec Cost Savings, Whether the Rec is accepted, rejected, or tabled, and rec assessment and implementation.</p> <p>VE team led by the VE team leader presents recommendations to a group of managers overseeing the project. These recommendations are then reviewed over a few week period by the management team, who either accepts, rejects, or</p>	<p>Briefly describe unique practices or policies that assist the State in conducting successful VE analyses.</p> <p>Examples could include:</p> <ul style="list-style-type: none"> - Program Coordination - Planning, coordinating and conducting VE analyses - Integrating VE within the project development process - Coordinating with other project cost and quality reviews - Reviewing/Accepting/Rejecting Recommendations

	<p>recommends each item for further investigation. The final VE report then incorporates these decisions.</p> <p>Policies have yet been set-up for as-built review of items recommended in the VE Study.</p>	<ul style="list-style-type: none"> - Monitoring and tracking activities - Other practices and policies <p>Please make sure your response is clear, concise and informative enough to convey the issue identified.</p>								
<p>3b. Briefly describe any practices your DOT uses to encourage the use of and help make construction VE Change Proposals (VECPs) more successful.</p>	<p>Nothing specifically other than to include the procedure for submitting a VECP in our Standard Specifications Book.</p>	<p>Briefly describe unique practices or policies that enable VECPs to be implemented in a successful manner. Examples could include:</p> <ul style="list-style-type: none"> - Encouraging submittals of VECPs - - Reviewing/approving/rejecting VECPs - Monitoring and tracking the implementation of VECPs - Implementing VECPs on design-build projects <p>Please make sure your response is clear, concise and informative enough to convey the issue identified.</p>								
<p>4a. Identify the typical project factors and associated measures that your State DOT used on VE analyses conducted in 2013.</p>	<p>Project elements are typically analyzed on a high-level during a brainstorming phase, then the ideas are assigned to groups of team members who take the ideas and do some basic design, and use a logical methodology to apply time and monetary savings to the given items</p>	<p>Identify and briefly describe how project functions (e.g., traffic flow, safety, etc) are typically analyzed, evaluated and used during the Investigation, Speculation, and Evaluation phases of VE analyses; explain the typical level of effort expended in analyzing these critical project functions.</p> <p>Examples:</p> <table border="0"> <tr> <td><u>Factor</u></td> <td><u>Measure</u></td> </tr> <tr> <td>Safety</td> <td>Crashes</td> </tr> <tr> <td>Traffic flow</td> <td>Delay</td> </tr> <tr> <td>Cost</td> <td>\$\$\$</td> </tr> </table>	<u>Factor</u>	<u>Measure</u>	Safety	Crashes	Traffic flow	Delay	Cost	\$\$\$
<u>Factor</u>	<u>Measure</u>									
Safety	Crashes									
Traffic flow	Delay									
Cost	\$\$\$									
<p>4b. Describe how your DOT incorporates</p>	<p>Any lifecycle costs evaluated are run as part of the study. I don't know of any cases where a separate life cycle cost</p>	<p>Summarize your DOTs use of life cycle cost analyses</p>								

<p>life cycle cost analysis in VE analyses.</p>	<p>analysis was pulled into a VE study.</p>	<p>while conducting VE analyses; indicate whether they are conducted as part of the study directly, if the study incorporates an independently conducted life cycle cost analysis, etc.</p>
<p>4c_1 What percentage of VE analyses completed in FY 13 occurred during the Planning and Concept Development Phase?</p>	<p>50%</p>	<p>For the total number of VE analyses completed in FY 12 (as reported in Question 9a) select the approximate percentage of analyses completed during the timetables shown.</p> <p>Please note that questions 4c_1 through 4c_4 must add up to 100%.</p>
<p>4c_2 What percentage of VE analyses completed in FY 13 occurred during the Preliminary Design Phase from 0-30% Final Design?</p>	<p>0%</p>	<p>Please note that questions 4c_1 through 4c_4 must add up to 100%.</p>
<p>4c_3 What percentage of VE analyses completed in FY 13 occurred during the Final Design Phase from 30-60% Final Design?</p>	<p>50%</p>	<p>Please note that questions 4c_1 through 4c_4 must add up to 100%.</p>
<p>4c_4 What percentage of VE analyses completed in FY 13 occurred during the Final Design Phase from 60% or later?</p>	<p>0%</p>	<p>Please note that questions 4c_1 through 4c_4 must add up to 100%.</p>
<p>4c_ Comments. Briefly describe your State DOT's experience</p>	<p>Generally greater savings are realized the earlier in the design phase that a VE occurs. However, projects benefit from, and realize savings from a VE regardless of the phase in which is</p>	<p>Provide additional details about successful practices, lessons learned and opportunities for</p>

<p>regarding the timing of VE analyses.</p>	<p>occurs. Currently a best practice is during information campaigns, get word out that benefits can be realized conducting a VE study regardless of timing in the Project. Project personnel tend to think that they are too “far down the road” for the VE to be of any help, but that has yet to be the case. This general understanding is spreading throughout the organization, and the amount of calls that the Statewide VE coordinator receives to help get VE studies going is steadily increasing.</p>	<p>improvement regarding the timing of VE analyses.</p>
<p>4d. For design-build projects, select the option that best represents when VE analyses are typically conducted by your DOT. -Planning and Concept Development -Preliminary Engineering and prior to issuance of RFP -After issuance of RFP -State DOT does not currently use design build - State DOT does not conduct VE analyses on design build projects</p>	<p>CDOT does not conduct VE studies for Design-Build projects.</p>	<p>Select the timetable that best matches your DOTs timing for scheduling and conducting VE analyses for design-build projects. If your state does not use or permit design-build contracting, indicate as appropriate.</p>
<p>4d_Comments. Briefly describe your State DOT’s experience regarding the timing of conducting VE analyses for design build projects.</p>	<p>CDOT does not conduct VE studies for Design-Build projects.</p>	<p>Use the "Comments" section to briefly detail the approach taken to conduct the study based on the stage of the project when the study was conducted and identify successes and lessons learned. Enter N/A if your State does not allow design build.</p>
<p>4e_1. Did your State DOT conduct more than one VE</p>	<p>No</p>	<p>This question is referring to whether your State conducted more than one VE study</p>

<p>study for any Major Project during FY 2012?</p>		<p>on a single major project.</p> <p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p> <p>Note: If answer is 'no', the survey will skip question 4e and will automatically go to question 5.</p>
<p>4e. Identify all milestones of the development of a Major Project where the VE analyses occurred. - Planning and Concept Development Phase - 0-30% Preliminary Design Phase -30-60% Final Design Phase -60% Final Design or later</p>	<p>N/A</p>	<p>This question is attempting to capture your State DOT's experience with conducting more than one VE study on a single major project. This question is not attempting to capture average information, rather, if a single major project underwent more than one VE analysis, at what point in the life of the project were they conducted.</p>
<p>5. Briefly describe any special VE analyses conducted by your DOT in FY 2013.</p>	<p>N/A</p>	<p>Special studies may include process reviews, streamlining initiatives, organizational reviews, etc. Describe any other special VE analyses that were completed during FY 2013. Answer "N/A" if your State did not conduct any special studies.</p>
<p>6. Describe any exceptional VE analyses that were completed by your DOT in FY 2013.</p>	<p>N/A</p>	<p>Briefly describe one or two highly successful VE analysis or "lesson learned" from conducting a VE analysis that is an agency "best practice". If a web link to the study is available, please provide the web link. Please make sure your response is clear, concise and informative enough to convey the successful practice.</p>

<p>7_1. Describe a unique or innovative VE recommendation that provided a significant benefit to the project on which it was implemented.</p>	<p>N/A</p>	<p>Describe any implemented VE recommendation(s) that could potentially be of value to other DOTs.</p> <p>Please make sure your response is clear, concise and informative enough to convey the issue identified.</p>
<p>7_2. Describe a unique or innovative VECP that provided a significant benefit to the project on which it was implemented.</p>	<p>No unique or significant benefits</p>	<p>Describe any implemented VECP that could potentially be of value to other DOTs.</p> <p>Please make sure your response is clear, concise and informative enough to convey the issue identified.</p>
<p><u>VE Training</u></p> <p>The following three questions relate to the number of individuals attending VE training activities conducted by your State DOT during FY 2013.</p> <p>8a_1. Enter the number of State DOT and LPA staff that received VE training in your State during FY 2013.</p>	<p>0 (State Employees)</p>	<p>Enter the number of State DOT and LPA staff that your State DOT trained during FY 2013.</p>
<p>8a_2. Enter the number of FHWA staff receiving VE training within your State during FY 2013.</p>	<p>Not CDOT</p>	<p>Enter the number of FHWA staff trained during FY 2013.</p>
<p>8a_3. Enter the number of consultant</p>	<p>Not CDOT</p>	<p>Enter the number of consultant staff trained</p>

<p>staff receiving VE training in your State during FY 2013.</p>		<p>during FY 2013.</p>
<p>The following seven questions relate to your State DOT's approach to conducting VE training during FY 2013.</p> <p>8b_1. Did your DOT conduct any VE awareness building presentations or briefings for agency leadership during FY 2013?</p>	<p>Yes, during yearly "Residency Visits" conducted by statewide "Area Engineers" VE requirements and program were advertised.</p> <p>Area Engineers are Engineers that work within a large area of CDOT that act as subject matter experts for questions, policies, and procedures related to project delivery. Every year Area Engineers visit individual Colorado DOT offices and conduct meetings to deliver statewide information, and help Engineers with solutions to certain statewide issues that are occurring on numerous projects. These meetings include both Technical staff members and unit managers.</p>	<p>(Check the box for yes. Leave blank for no.)</p>
<p>8b_2. Did your DOT conduct and VE awareness building presentations or briefings for technical staff during FY 2013?</p>	<p>Yes, during yearly "Residency Visits" conducted by statewide "Area Engineers" VE requirements and program were advertised.</p> <p>Area Engineers are Engineers that work within a large area of CDOT that act as subject matter experts for questions, policies, and procedures related to project delivery. Every year Area Engineers visit individual Colorado DOT offices and conduct meetings to deliver statewide information, and help Engineers with solutions to certain statewide issues that are occurring on numerous projects. These meetings include both Technical staff members and unit managers.</p>	<p>(Check the box for yes. Leave blank for no.)</p>
<p>8b_3. Did your DOT conduct short duration workshops on conducting VE analyses during FY 2013?</p>	<p>Not specifically</p>	<p>(Check the box for yes. Leave blank for no.)</p>
<p>8b_4. Did your DOT conduct an NHI VE Training Course (Workshop) during FY 2013?</p>	<p>No</p>	<p>(Check the box for yes. Leave blank for no.)</p>

8b_5. Did your DOT conduct a SAVE Mod I training course during FY 2013?	No	(Check the box for yes. Leave blank for no.)
8b_6. Did your DOT conduct a SAVE Mod II training course during FY 2013?	No	(Check the box for yes. Leave blank for no.)
8b_7. Did your DOT conduct another type of VE training course during FY 2013?	No	If your state conducted training other than one of the six types listed please describe the type of training.
Part 2 – Summary of VE Analyses 9a_1. Enter total number of VE analyses completed in FY 2013 by agency staff.	2 (Mix of CDOT and Consultant Staff)	Report on the VE analyses that were completed during FY 13 which were completed by agency staff. Note: 9a_1 and 9a_2 should represent all project VE analyses completed during FY 13.
9a_2. Enter total number of VE analyses completed in FY 2013 by consultant staff.	2 (Same 2 as in question 9a_1)(Mix of CDOT and Consultant Staff)	Report on the VE analyses that were completed during FY 13 which were completed by consultant staff. Note: 9a_1 and 9a_2 should represent all project VE analyses completed during FY 13.
9b_1. Enter number of VE analyses completed in FY 2013 that were required by Federal Law and completed by agency staff.	2 (Mix of CDOT and Consultant Staff)	Of the numbers reported in Question 9a_1 and 9a_2, indicate the number of analyses that were conducted to meet current Federal Regulations which were completed by agency staff.
9b_2. Enter number of VE analyses completed in FY 2013 that were required by Federal Law and completed by consultant staff.	2 (Mix of CDOT and Consultant Staff)	Of the numbers reported in Questions 9a_1 and 9a_2, indicate the number of analyses that were conducted to meet current Federal Regulations which were completed by consultant staff.

<p>9c_1. Enter number of VE analyses completed in FY 2013 that were specially designated by FHWA and completed by agency staff.</p>	<p>0</p>	<p>The FHWA Division Offices have the authority to require States to conduct VE analyses on any project determined to be appropriate (as specified in 23 USC 106(e)(2)(c)). Of the analyses reported in Questions 9a_1 and 9a_2, indicate if any of these were specially directed by FHWA which were completed by agency staff.</p>
<p>9c_2. Enter number of VE analyses completed in FY 2013 that were specially designated by FHWA and completed by consultant staff.</p>	<p>0</p>	<p>The FHWA Division Offices have the authority to require States to conduct VE analyses on any project determined to be appropriate (as specified in 23 USC 106(e)(2)(c)). Of the analyses reported in Questions 9a_1 and 9a_2, indicate if any of these were specially directed by FHWA which were completed by consultant staff.</p>
<p>9f_1. Enter the anticipated number of VE analyses to be completed during FY 2014.</p>	<p>2</p>	<p>For informational purposes only, report on any analyses that were initiated in FY 12 but will be finalized in FY 13, in addition to all other VE analyses planned for completion in FY 14.</p>
<p>9f_3. Enter the anticipated number of VE analyses to be completed during FY 2015.</p>	<p>2</p>	<p>For informational purposes only, report on any VE analyses that are planned for FY 15.</p>
<p>10a. Enter the estimated costs associated with conducting the VE analyses during FY 2013.</p>	<p>This is estimated to be approximately \$150k, but I currently do not have a specific documented numbers.</p>	<p>The costs associated with conducting the VE analyses is developed using an estimate of the direct costs attributed to the VE program and includes the following; - Contract amounts associated with consultant-led VE analyses Approximate salary</p>

		<p>travel and incidental agency costs associated with supporting consultant-led VE analyses</p> <ul style="list-style-type: none"> - Approximate salary, travel and incidental costs associated with conducting VE analyses - Approximate costs with documenting VE analyses <p>It is understood that these costs are an estimate, however, the estimate must be documented and retained to justify the value used.</p>
10b. Enter the estimated costs of the projects studied during FY 2013.	\$37,395,000	<p>This is not the total cost of the project. These costs should reflect the cost of those items considered during the VE study. The cost of construction should always be used, however, right of way costs should only be used if ROW recommendations were considered.</p>
11a. Enter the total number of proposed VE recommendations during FY 2013.	57	<p>Only count the highest number of potential implementable VE recommendations, keeping in mind that if two recommendations are mutually exclusive, that is selection of one recommendation eliminates the possibility of implementing the other, only one recommendation should be counted. (see 12a for an example).</p>
11b. Enter the total number of approved VE recommendations during FY 2013.	22	<p>Enter the total number of the VE recommendations that were approved and implemented.</p>
12a. Enter the value of proposed VE recommendations during FY 2013.	\$37,395,000	<p>Enter the total net value of the proposed recommendations. Same as in 11a, only count the highest value of mutually exclusive recommendations proposed. For example,</p>

		if 1 recommendation is for \$1.5M and another mutually exclusive recommendation is for \$0.25M, count only 1 implementable recommendation for a total of \$1.5M.
12b. Enter the value of approved VE recommendations during FY 2013.	\$13,285,000 (This is approved, but some items are yet to be built)	Enter the total net value of the VE recommendations that were approved and implemented.
13a. Enter the total number of VECPs submitted for FY 2013.	1	
13b. Enter the total number of VECPs approved for FY 2013.	1	Enter the total number of the VECP recommendations that were approved and implemented.
14a. Enter the value of VECPs submitted for FY 2013.	\$0. This VECP involved utilizing a temporary bridge for detour traffic instead of utilizing half of the new permanent structure as originally planned. This VECP allowed the contractor to complete the entire permanent bridge by November 15, 2012, whereas originally only ½ of the permanent bridge was planned to be completed by November 1, 2012.	
14b. Enter the total value of VECPs approved for FY 2013.	\$0	Enter the total net value of the VECP recommendations that were approved and implemented.
Part 3 – Benefits of VE Analyses & VE Change Proposals The next five questions relate to the type of VE recommendations approved. If a specific recommendation can be shown to provide benefit to more than one category as defined in questions	<p>12 VE Approved recommendations break out as below:</p> <ul style="list-style-type: none"> 6 - Operations 2 – Construction 1 - Traffic Control 1 – Pavement 2 – Structures <p>1 VECP Approved recommendation that improved Safety and Construction</p>	<p>Report each approved recommendation (from Question 11b) in terms of the project feature or features that the recommendation benefits. If a specific recommendation can be shown to provide benefit to more than one feature described below, count the recommendation in each category that is applicable:</p> <ul style="list-style-type: none"> - Safety: Recommendations that mitigate or reduce hazards on the facility - Operations: Recommendations that

<p>15_1 through 15_6, count the recommendations in each category that is applicable.</p> <p>15_1. Enter the number of approved VE recommendations that improved safety.</p>	<p>Safety – 1 (VECP)</p>	<p>improve real-time service and/or local, corridor, or regional levels of service of the facility.</p> <p>- Environment: Recommendations that successfully avoid or mitigate impacts to natural and or cultural resources.</p> <p>- Construction: Recommendations that improve work zone conditions, or expedite the project delivery.</p> <p>- Right of Way: Recommendations that lower the impacts or costs of right of way.</p>
<p>15_2. Enter the number of approved VE recommendations that improved traffic operations.</p>	<p>6 (From VE Studies)</p>	
<p>15_3. Enter the number of approved VE recommendations that mitigated environmental impacts.</p>	<p>0</p>	
<p>15_4. Enter the number of approved VE recommendations that improved construction.</p>	<p>3 (2 From VEs and 1 from VECP)</p>	
<p>15_6. Enter the number of approved VE recommendations that mitigated right of way impacts.</p>	<p>0</p>	
<p><u>VE Change Proposals</u></p> <p>The next five questions relate to the type of VECP proposals approved for construction projects. If a specific VECP</p>		<p>Report each approved VE change proposal (from Question 13b) in terms of the project feature or features that were benefited by the recommendation. If a specific recommendation can be shown to provide benefit to more than one category as</p>

<p>can be shown to provide benefit to more than one category as defined in questions 16_1 through 16_6, count the VECP in each category that is applicable.</p> <p>16_1. Enter the number of approved VECPs that improved safety.</p>	<p>Safety - 1</p>	<p>described below, count the recommendation in each category that is applicable:</p> <p>Safety: Recommendations that mitigate or reduce hazards on the facility</p> <p>Operations: Recommendations that improve real-time service and/or local, corridor, or regional levels of service of the facility.</p> <p>Environment: Recommendations that successfully avoid or mitigate impacts to natural and or cultural resources.</p> <p>Construction: Recommendations that improve work zone conditions, or expedite the project delivery.</p> <p>Other: Recommendations not readily categorized by the above performance indicators.</p>
<p>16_2. Enter the number of approved VECPs that improved traffic operations.</p>	<p>0</p>	
<p>16_3. Enter the number of approved VECPs that mitigated environmental impacts.</p>	<p>0</p>	
<p>16_4. Enter the number of approved VECPs that improved construction.</p>	<p>1</p>	
<p>16_6. Enter the number of approved VECPs that mitigated right of way impacts.</p>	<p>0</p>	
<p>Part 4 – FHWA Stewardship and Oversight of VE Programs</p> <p>17a Is VE evaluated as part of your Division's</p>	<p>Not CDOT</p>	<p>Enter yes if the Division considered and documented risks for the VE program during FY 13.</p> <p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p> <p>Note: If the answer</p>

<p>Annual Risk Assessment process?</p>		<p>to this question is no, questions 17b and 17c will be skipped in the survey.</p>
<p>17b Is VE evaluated directly (i.e. individual VE risk assessment conducted specifically for VE) or indirectly (i.e. VE incorporated as a part of a larger program such as Design) during your Division's Annual Risk Assessment?</p>		<p>Enter Directly if the Division considered and documented risks specific for the VE program during FY 2013. Enter indirectly if VE was considered during the risk evaluation of a larger program.</p>
<p>17c. What was the identified level of risk assigned to VE by your division?</p>	<p>Not CDOT</p>	<p>Select one of the following levels of risk assigned by your Division.</p> <ul style="list-style-type: none"> - High Risk to program - Moderate Risk to program - Low Risk to program - Not Evaluated
<p>17d_Comments. Provide comments on how VE was considered or integrated into your Division's Annual VE Risk Assessment.</p>	<p>Not CDOT</p>	<p>Comments should include the process used to conduct the VE risk assessment and could include challenges, best practices improvement recommendations or other comments</p>
<p>18a. Did your DOT or Division conduct a review of the DOT's VE Program between FY 2011 and FY 2013?</p>	<p>Not CDOT</p>	<p>Enter yes if either the DOT or Division evaluated any component (policies, procedures, analyses conducted, etc) of the VE program and documented the results during the specified period. The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>18b. Does your</p>	<p>Not CDOT</p>	<p>Enter yes if either the</p>

<p>DOT or Division plan to conduct a review of the DOT's VE Program in FY 2014?</p>		<p>STA or Division plans to evaluate any component (policies, procedures, analyses conducted, etc) of the VE program during FY 14.</p> <p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>19a. Is VE specifically discussed or referenced in your Division's Stewardship and Oversight Agreement with your DOT?</p>	<p>Yes</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p> <p>Note: If answer to this question is no, questions 19b_1 through 19b_8 will be skipped in the survey.</p>
<p>19b_1. Is VE addressed by reference in the Design Oversight Section of the Stewardship and Oversight Agreement?</p>	<p>I believe so, Shaun can you help with this one?</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>19b_2. Are the VE Federal Regulations referenced in the Stewardship and Oversight Agreement?</p>	<p>Yes</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>19b_3. Are the State DOT VE Policies and Procedures referenced in the Stewardship and Oversight Agreement?</p>	<p>Basic Policy yes</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>19b_4. Is the role of the Division's VE Coordinator identified or referenced in the Stewardship and Oversight Agreement?</p>	<p>Yes</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>

<p>19b_5. Are the Division's roles and responsibilities for VE identified or referenced in the Stewardship and Oversight Agreement?</p>	<p>No, Shaun can you verify?</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>19b_6. Is the Division's participation in VE analyses identified or referenced in the Stewardship and Oversight Agreement?</p>	<p>No, Shaun can you verify?</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>19b_7. Is the Division's role in the review of VE recommendations identified or referenced in the Stewardship and Oversight Agreement?</p>	<p>No, Shaun can you verify?</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>19b_8. Is the Division's role in VE Program monitoring, evaluating and reporting discussed or referenced in the Stewardship and Oversight Agreement?</p>	<p>No, Shaun can you verify?</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>20a. Identify your Division's typical level of participation in VE analyses on projects with full FHWA oversight.</p>	<p>Not CDOT</p>	<p>Select the answer that best applies. Normally (80-100% of Projects) Frequently (60-80% of Projects) Occasionally (40-60% of</p>

		<p>Projects)</p> <p>Sometimes (20-40% of Projects)</p> <p>Rarely (0-20% of Projects)</p>
<p>20b. Identify your Division's typical level of participation in the approval/rejection process of VE recommendations on projects with full FHWA oversight.</p>	Not CDOT	<p>Select the answer that best applies.</p> <p>Normally (80-100% of Projects)</p> <p>Frequently (60-80% of Projects)</p> <p>Occasionally (40-60% of Projects)</p> <p>Sometimes (20-40% of Projects)</p> <p>Rarely (0-20% of Projects)</p>
<p>20c. Identify your Division's typical level of effort monitoring the implementation of VE recommendations on projects with full FHWA oversight.</p>	Not CDOT	<p>Select the answer that best applies.</p> <p>Normally (80-100% of Projects)</p> <p>Frequently (60-80% of Projects)</p> <p>Occasionally (40-60% of Projects)</p> <p>Sometimes (20-40% of Projects)</p> <p>Rarely (0-20% of Projects)</p>
<p>The following five questions are based on your Division's efforts to ensure that the States complete the required VE analyses prior to authorizing a project for construction.</p>	Not CDOT	
<p>21_1. Does the Division have a</p>	Not CDOT	<p>The survey will have a checkbox. Click on the box for yes or leave</p>

<p>formal documented process to verify that the State DOT maintains a list of candidate VE projects to ensure all potential VE analyses are scheduled and planned?</p>		<p>blank for no.</p>
<p>21_2. Does the Division verify that the State DOT VE reports document the seven phase VE Job Plan?</p>	<p>Not CDOT</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>21_3. Does the Division spot check that required VE analyses are performed on State administered projects?</p>	<p>Not CDOT</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>21_4. Does the Division verify that the State VE policies, procedures & guidance comply with VE Federal regulations?</p>	<p>Not CDOT</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>21_5. Does the Division verify the accuracy of the data collected during the annual VE Call for Data?</p>	<p>Not CDOT</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>
<p>21_6. Does the Division have a documented process to verify that all required VE analyses are conducted prior to authorizing a project for construction?</p>	<p>Not CDOT</p>	<p>The survey will have a checkbox. Click on the box for yes or leave blank for no.</p>

**Thank You for
your time
assembling
and reporting
on your States
VE Program
efforts.**

**Please provide
comments on
how the FHWA
VE program
can be
improved or
how this data
collection
process can be
improved.**

This is your opportunity (State DOT and Division) to provide feedback on any part of the VE program, training, guidance, sharing, etc. FHWA HQ will take all comments and as appropriate and able will act on them to improve the VE program.

Thank you for your time.
Ken Leuderalbert
Ken.Leuderalbert@dot.gov
317-226-5351