## VALUE ENGINEERING PROPOSAL (VEP) REVIEW PROCESS

	CONCEPT	PRELIMINARY PROPOSAL				FINAL PRO	
Step Unit/Person	Development of VEP	Initial Submittal of VEP	Technical Review	Comments Compiled	Comments Issued and Addressed	Review of Revised VEP	Confirm Accept
CONTRACTOR	<u>Contractor</u> <u>Develops Idea</u> Discusses with RE at meetings, etc.*	Contractor Submits VEP sent to RE and VM <sup>1</sup>			Contractor Informed Reviews and addresses comments	Contractor resubmits revised VEP to RE and VM	
RESIDENT ENGINEER (RE)	RE Feedback *RE provides initial feedback on VEP concept Primary Contact for Contractor	RE Evaluates Confirms VEP idea should be evaluated			RE distributes comments to Contractor	RE Evaluates Confirms VEP is acceptable	
VALUE MANAGEMENT (VM)	<u>VM Support</u> Provides support and guidance during development (if needed)	<u>VM Evaluates</u> Confirms VEP specification	VM sends VEP to Tech for review	VM compiles and reviews comments with the State Construction		VM re-sends VEP to Tech for review	VM compi reviews co with the Constru
State Value Management Engineer	Primary Contact for Review Coordination	requirements met		Engineer			Engine
TECHNICAL UNITS/ DISCIPLINES (Tech) (Design-Build Unit <sup>2</sup> )	<u>Tech Feedback</u> Provides initial feedback during development (if needed)		Votication Votication	➡ Tech reviewers submit comments to VM		Tech Review Reviews VEP to confirm comments addressed	<u>Tech App</u> Confirms Technic Acceptable
DESIGN PROJECT MANAGEMENT (PM)	<u>PM Support</u> Provide support and guidance during development (if needed)	A citication of the contract o	PM informed Copy to Project Manager		Notification		
CONSTRUCTION UNIT (CU) State Construction Engineer and Area Construction Engineer (ACE)	<u>CU Feedback</u> Provides initial feedback during development (if needed)		ACE informed Copy to Area Construction Engineer (ACE)	If no comments	CU Sends Preliminary Decision Memo to Division and RE		

<sup>1</sup> VEP should be submitted concurrently to the Resident Engineer, the State Value Management Engineer at <u>ValueManagementUnit@ncdot.gov</u>, and Design-Build Unit (if applicable). <sup>2</sup> Design-Build VEPs review includes: i) Design-Build Unit for Contractual compliance and ii) Estimating Management Group to confirm if approximate savings noted by the Contractor is fair and reasonable, since there are no unit prices.

<u>Accountable</u>

• State Value Management Engineer – Reports to FHWA, number and total value of VEPs approved (with executed SAs). Also, coordinates review and provide recommendation on approval (or rejection) to the State Construction Engineer for consideration.

• State Construction Engineer (Construction Unit) – Provides final approval (or rejection) to Division and RE

• Resident Engineer – Prepares Supplemental Agreement upon the approval of a VEP

