Agenda: Project ID Committee

Meeting #3

April 27 2021

10:00-11:30

1. Electronic Meeting Announcement
   a. Roll call for quorum
   b. Certification of meeting: Motion
   c. Meeting participation including public comment

2. Introductions of any new members

3. Old Business: Continued discussion as to what is a project
   - Review of project sorting approach from other projects (excel file)

4. New Business
   - Dewberry Staff Comments (Tentative)
   - Discussion of Dewberry Conceptual Model
     1. CRMP 3.1.1 – see below
     2. CRMP 3.2.1– see below
     3. CRMP 3.2.2– see below
     4. CRMP 3.3.1– see below
     5. CRMP 5.1.1– see below
     6. Conceptual Model- (excel file)

5. Public Comment

6. Next meeting date

7. Motion to adjourn

Lead Subcommittee	SC1-PID
Supporting Subcommittee	SC2-PEV, SC3-FIN
Feedback to COV requested by	**4/30/2021**
Factor ID	**3.1.1**
Output Linkages **(input into which analytical step?)**	3.2 and 3.3
Overarching Objectives/Questions	**3 – Identify Strategies**
Detailed Analytical Steps	3.1 – Establish Database Schema and Baseline Screening Criteria
Factor **(or Detailed Question to be** **Answered by Dewberry's Study** **Technical Process)**	What is the database schema best suited to support the Master Plan? What is the minimum criteria for project entry into the CRMP database?
Metrics	N/A
Inputs to Analysis	Schema for relevant available databases, including Wetlands Watch, PDC/RCs, examples from LA, TX, NYC SIRR, what is portable from VDOT schema.
Dewberry Approach	Prototyping of schema
Products **(to feed into Database/CRMP)**	Database of projects
Dewberry Notes	Possible fields: Project Type, Project Sub Types, Essential Govt Functions the project supports (public health, public safety, public welfare); Benefit recipient (tax base, critical infrastructure, water quality, publicly-owned, privately owned); Bundled projects (publicly owned bundled projects, privately owned bundled projects with locality endorsement)
COV Comments	Critical Built and Natural Infrastrure
Dewberry Response	The ability to protect/sustain the functions of the identified critical built and natural infrastructure can be a baseline screening criteria for project entry into the CMP database.
Feedback Requests **(TAC/Subcommittees)**	The project team is iterating on baseline screening criteria. Specific questions for the PI subcommittee are forthcoming.
SubCom/TAC Comments	

Lead Subcommittee	SC1-PID
Supporting Subcommittee	SC6-FIP
Feedback to COV requested by	-
Factor ID	**3.2.1**
Output Linkages (input into which analytical step?)	4.1 - 4.6
Overarching Objectives/Questions	**3 - Identify Strategies**
Detailed Analytical Steps	3.2. - Review Existing Project Inventory
Factor (or Detailed Question to be Answered by Dewberry's Study Technical Process)	How do existing projects fit into the database schema?
Metrics	Projects successfully entered in the database
Inputs to Analysis	CRMP database
Dewberry Approach	Organize existing projects into a database schema Identify gaps and inconsistencies
Products (to feed into Database/CRMP)	Database of projects
Dewberry Notes	What entity(ies) will take ownership of the project database and required maintenance?
COV Comments	
Dewberry Response	
Feedback Requests (TAC/Subcommittees)	No specific requests or questions at this time.
SubCom/TAC Comments	

Lead Subcommittee	SC1-PID
Supporting Subcommittee	SC4-CO
Feedback to COV requested by	**4/30/2021**
Factor ID	**3.2.2**
Output Linkages (input into which analytical step?)	4.1 - 4.6
Overarching Objectives/Questions	**3 - Identify Strategies**
Detailed Analytical Steps	3.2. - Review Existing Project Inventory
Factor (or Detailed Question to be Answered by Dewberry's Study Technical Process)	How should we address data gaps identified in existing projects after establishing the initial project inventory?
Metrics	Incomplete project records resolved
Inputs to Analysis	Additional information to complete project records
Dewberry Approach	Coordination with PDCs, RCs
Products (to feed into Database/CRMP)	Database of projects
Dewberry Notes	Initial database may have incomplete data across the identified fields, PDCs, Project Owners may not have ability/capacity to provide additional information in November timeframe. Gaps may be address in future updates.
COV Comments	
Dewberry Response	
Feedback Requests (TAC/Subcommittees)	How should we deal with projects that do not pass the baseline criteria established in 3.1? At this time, our assumptions are that gaps can be filled potentially by the PDCs, project stakeholders, and/or address in future iterations of the CRMP as an identified need.
SubCom/TAC Comments	

Lead Subcommittee	SC1-PID
Supporting Subcommittee	SC4-CO
Feedback to COV requested by	**4/30/2021**
Factor ID	**3.3.1**
Output Linkages **(input into which analytical step?)**	4.1 - 4.6
Overarching Objectives/Questions	**3 - Identify Strategies**
Detailed Analytical Steps	3.3 - Define and Identify "New Projects"
Factor **(or Detailed Question to be** **Answered by Dewberry's Study** **Technical Process)**	How do we identify and define new projects that should be considered?
Metrics	Identified new projects for 1) Capacity Building, 2) Need Identification, or future activities 3) High Level Project Conceptualization (structural, non-structural, policy, planning, etc.)
Inputs to Analysis	TAC consultation, Risk Analysis outputs, Design Charettes with PDCs, elicitation from and/or coordination with communities
Dewberry Approach	Formulate a set of properties and conditions that define new project/need types that enables relative ranking
Products **(to feed into Database/CRMP)**	Database of projects
Dewberry Notes	Project Gaps (e.g., needs) to be identified for the November CRMP, additional aspects for project conceptualization to be completed in future updates
COV Comments	
Dewberry Response	
Feedback Requests **(TAC/Subcommittees)**	How should the CRMP approach areas of notable risk that do not have any projects identified? A thought is that such gaps could be captured as needed capacity building projects. Such projects could be identified at the jurisdictional level only, or could there be multi-jurisdictional or regional capacity building projects?
SubCom/TAC Comments	

Lead Subcommittee	SC3-FIN
Supporting Subcommittee	SC1-PID, SC4-CO, SC7-AED
Feedback to COV requested by	**5/14/2021**
Factor ID	**5.1.1**
Output Linkages **(input into which analytical step?)**	5.2
Overarching Objectives/Questions	**5 - Evaluate Funding**
Detailed Analytical Steps	5.1 - Funding Database and Analysis
Factor **(or Detailed Question to be** **Answered by Dewberry's Study** **Technical Process)**	Organize and Identify: What federal, state and local funding programs exist for coastal resilience projects? What innovative financing mechanisms can the Commonwealth and/or municipalities utilize? What are potential sources of funding from new Administration actions?
Metrics	Funding options
Inputs to Analysis	Analyze Finance Subcommittee funding research to-date. Research additional funding sources and mechanisms
Dewberry Approach	Funding research and analysis
Products **(to feed into Database/CRMP)**	General inventory of funding sources and their requirements
Dewberry Notes	
COV Comments	
Dewberry Response	
Feedback Requests **(TAC/Subcommittees)**	Have any Finance Subcommittee members analyzed or utilized innovative financing mechanisms or policies - i.e. environmental impact bonds, tax credits. We are aware of Hampton's Environmental Impact Bond.
SubCom/TAC Comments	

Soft to Hard	Project Types	Project Sub Types	Which Essential Govt Function does the project support			Who would the project benefit? Direct/Indirect/ or Induced					Bundled Projects		
			Public Health	Public Safety	Public Welfare	Tax Base	Critical Infrastructure	Water Quality	Publicly owned	Privately Owned	Publicly owned bundled projects	Privately owned bundled projects with locality endorsement	Or- No Endorsement
	Capacity Building is neither soft or hard	Plans											
		Policies											
		Studies											
		Staffing											
		Financing Programs- Revolving Loan and Grants											
	Hydrologic Connectivity	Freshwater/ Hydrologic restoration											
	Habitat Creation and Restoration	Estuarine Wetland											
		Freshwater Wetland											
		Oyster Reefs											
		Barrier Island											
		Coastal Uplands											
		Coastal Prairies											
		Rookery Islands											
		Dredge Placement											
		Seagrass											
		Tidal Flats											
		Fisheries											
	Beach Nourishment	Dredge Material/other											
		Ocean											
		Bay											
		Rivers											
	Dune Restoration	Dunes											
	Shoreline Stabilization	Living Shoreline											
		Beneficial Use dredge material											
		Breakwater											
		Wave Break											

	Category	Item												
		Seawall												
		Bulkhead												
		Revetment												
		Jetty												
		Groin												
	Land Acquisition	Acquisition												
		Donations												
		Easements												
	Structures/Debris Removal	Public Structures												
		Private Structures												
		Abandoned boats												
		Post storm clean up												
	Public Access	ADA Accessibility												
		Walkovers												
		Public and Private Piers-												
		Public and Private Boat Ramps												
	Flood Risk Reduction	Levees												
		Flood Walls												
		Storm Surge Barrier												
	Community Infrastructure	Drainage												
		Utility												
		Roads/Bridges												
		Road/Bridge Elevation												
		Critical Facilities												
		Structure Raising												
	Residential Family- non municipal sewer	Septic												
		Well												
		Flood Proofing												