# Final Design Phase for Rumson-Sea Bright Bridge S-32 on Rumson Road (CR 520) over the Shrewsbury River

#### **Community Stakeholders Meeting No. 2**

February 18, 2020









## **Project Overview**



Project Schedule (Phases)		
Local Concept Development (LCD) Phase	2011-2013 completed	
Local Preliminary Engineering (LPE) Phase	2014 – 2017 completed	
Final Design (FD) Phase	2018 - 2020	
Construction Phase	2021-2024	



# Local Capital Project Delivery Process

Local Concept Development	Local Preliminary Engineering	Final Design/ Right of Way Acquisition	Construction
Purpose and Need Statement	Approved Design Exception Report	Construction Contract Documents and PS&E package	Complete Construction
Concept Development & Alternative Analysis	Cost Estimates (Final Design, ROW & Construction)	Environmental Reevaluations	Continue Public Outreach
Selection of Preliminary Preferred Alternative	Approved Environmental Document	Secure Environmental Permits	As-Builts
Environmental Screening Report & NEPA Classification	Preliminary Design	Acquisition of ROW	Update and Finalize Design Communications Report
Concept Development Report	Preliminary Engineering Report	Final Utility Relocation Schemes	Close-out Documentation
Initiate Public Outreach & Involvement	Continue Public Outreach & Involvement	Continue Public Outreach & Involvement	

#### Final Design - Preliminary Project Schedule (Major Milestones)

Environmental Permits	Spring 2020
ROW Availability	Summer 2020
PS&E Plans	Spring 2020
Completion of Final Design Phase	Summer 2020



## Rumson-Sea Bright Bridge S-32 Project Plan





#### Improvements at Rumson Road & Ward Avenue





#### **Improvements at West Park**





#### Improvements at Rumson Road & Route 36





# **Staging and Traffic Mitigation**

- Traffic utilizing Existing Bridge while the New Bridge is Constructed
- Pedestrian Access maintained at all times
- Driveway Access maintained at all times
- Short Term Detours



### **Permitting and Mitigation**

Agency	Approval
US Coast Guard, Bridge Administration Division	Coast Guard Bridge Permit
U.S. Army Corps of Engineers	Nationwide 23 Permit
NJ State Historic Preservation Office	Memorandum of Agreement
NJDEP	Freshwater Wetlands General Permits 10,11,&17A
NJDEP	CAFRA & Waterfront Development IP
NJDEP	Tidelands Grant & License
Freehold Soil Conservation District	Soil Erosion & Sediment Control Plan Certification



#### **Community Interests**



- Bridge Aesthetics including the Operator's House and Lighting
- Ocean Ave Intersection and Sea Bright Streetscape Elements
- Ward Ave Intersection and Rumson Streetscape Elements
- Construction Staging and Traffic Mitigation



#### **Rumson Road Control House Study**

#### **Replacement of Rumson Road Bridge**

Rumson Road Control House Study



# **Control House Elevation – Local Officials Option**





## **Control House Elevation – Option 1**





### **Control House Elevation – Option 1**

#### **Rumson Road Control House Study**

Control House Elevation - Option 1





# **Control House Elevation – Option 1 Images**

#### **Rumson Road Control House Study**

Control House Elevation - Option 1 Inspirational Images



















### **Control House Elevation – Option 2**

#### **Rumson Road Control House Study**

Control House Elevation - Option 2





### **Control House Elevation – Option 2**

#### **Rumson Road Control House Study**

Control House Elevation - Option 2





# Bridge Lighting Pylon Options





## Lighting Brightness





#### Next Steps

Final Design - Anticipated Community Involvement Schedule		
Local Officials Meetings	Fall 2018, Spring 2019, Winter 2020, Spring 2020	
Community Stakeholders Meetings	Spring 2019, Winter 2020	
Public Information Center Meetings	Spring 2020	

#### Project Website: www.rumsonseabrightbridge.com

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#### **Project Website**



