



**Broad Channel
Program Information Meeting
Committee Meeting #6**

February 25, 2014

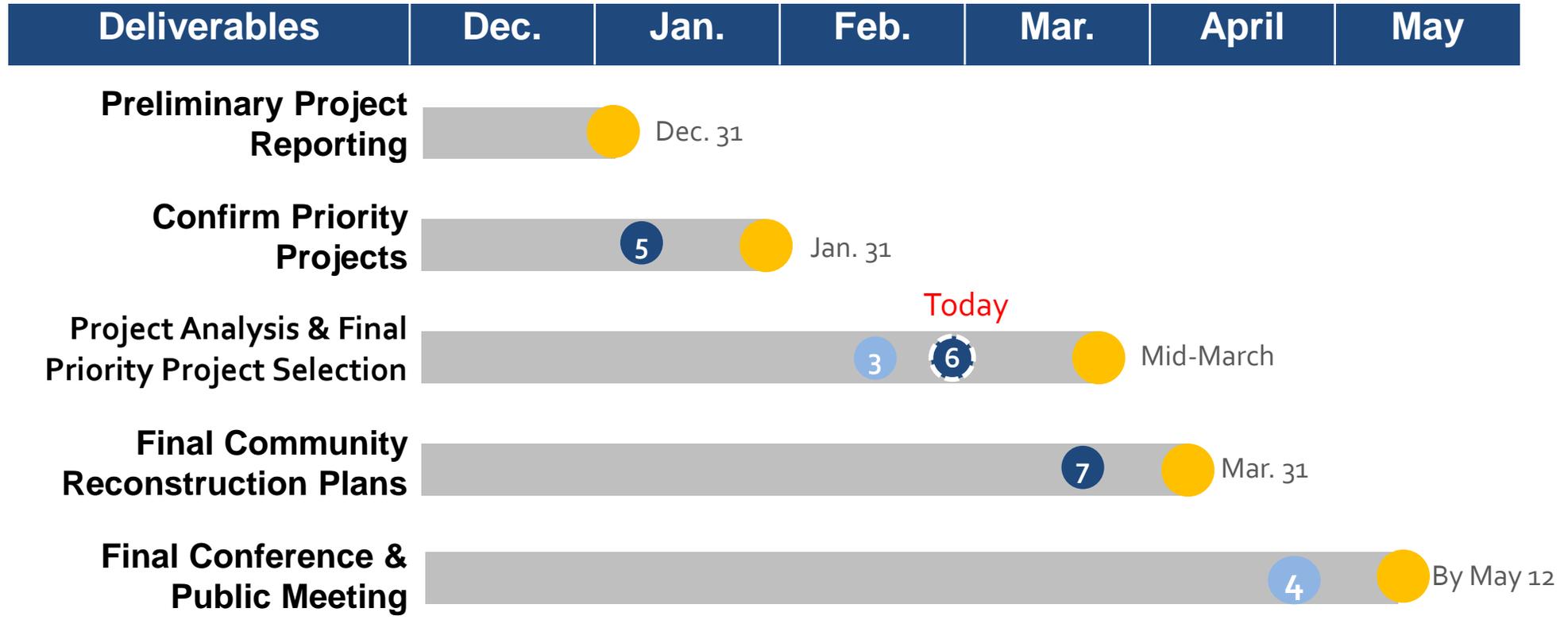
Agenda

- Updated Schedule 6:30 – 6:35
- Update from Recent Meetings 6:35 – 6:45
- Project Costing Exercise 6:45 – 7:15
- Issues and Updates 7:15 – 7:30
- Specific Break-out Discussions 7:30 – 8:00



Project Schedule

- Planning Committee Meeting
- Public Meeting
- Deliverable Due Date



Meetings / Events Since Committee Meeting #5

- **Meeting with NYS DEC**
 - Lanark Road and E. 12th Road project updates
- **Meeting with NYC OLTPS**
 - Coordination between City and State objectives
- **Meeting with NPS**
 - Update on status of Broad Channel projects on Feb. 26, 2014

Prioritization Options

Broad Channel Cultural Center Data Digitizing Project

- This was ruled ineligible due to the fact that it does not include any capital expenditures for any permanent facilities– Plan B is in progress

BCAC Resiliency initiative

- Concerns were raised about the funding of ballfield lighting as the primary use for the field is for daily usage for sporting events.

American Legion Hall and VFW Hall

- Plan will need to site and describe specifically how these sites are open to the general public and not just for members

VFW Hall

- A much more detailed description of how the project is connected both to resiliency and to building back in response to Superstorm Sandy needs to be made

General

- Improvements need to be made to permanent facilities (including year-round residences) – this may become an issue

Priority Projects

Community	DOS Recovery Function	Strategy	Project / Initiative	Project Type#	Project Type	Projected Cost (low)	Projected Cost (high)	CDBG-DR Amount	Funded	Revised Funded Amount	CDBG-DR	ISSUES
BC	I	Protect vital economic corridors	Cross Bay Blvd Complete Street Pilot Project	1	PRIORITY	\$ 700,000		\$ 700,000				Calculation includes both sides of street for one block - pavers and generators
BC	I	Provide local on-land infrastructure improvements to protect homes, businesses and community facilities	Provide sewer and water connection to homes on Lanark Road - stabilize Lanark Road and remove ponding condition	1	PRIORITY	\$ 1,500,000	\$ 2,000,000	\$ 1,500,000				Price may rise further based upon NYS DEC requirements
BC	I	Provide local on-land infrastructure improvements to protect homes, businesses and community facilities	Provide a new boardwalk structure along E 12th Rd that can accommodate sewer and water connection	1	PRIORITY	\$ 500,000		\$ 500,000				Boardwalk and Sewer costs broken out separately
BC	I	Provide local on-land infrastructure improvements to protect homes, businesses and community facilities	Provide a new sewer and water connection to homes accessed by E. 12th Road boardwalk	1	PRIORITY	\$ 500,000		\$ 500,000				Boardwalk and Sewer costs broken out separately
BC	N+C	Wetland and edge improvements to reduce surge in Jamaica Bay and protect against future storm events	Implement the Sunset Cove edge protection strategy	1	PRIORITY	\$500,000		\$ 500,000				Actual cost of construction for oyster revetment may be higher
BC	N+C	Protect and enhance the culture and history of Broad Channel	Digitize the historical records	1	PRIORITY	\$20,000		\$ 20,000	\$ -			Project has been deemed by the State as ineligible
BC	N+C	Protect and enhance the culture and history of Broad Channel	Make recovery and resiliency improvements to American Legion	1	PRIORITY	\$ 500,000		\$ 500,000				
BC	N+C	Make recovery and resiliency improvements to key cultural and community centers	Build the communications center for the BC VFD	1	PRIORITY	\$ 550,000		\$ 550,000				
BC	N+C	Make recovery and resiliency improvements to key cultural and community centers	Rebuild and improve the BCAC	1	PRIORITY	\$500,000		\$ 500,000				Lighting may not meet CDBG guidelines
BC	N+C	Make recovery and resiliency improvements to key cultural and community centers	Make recovery and resiliency improvements to VFW Hall	1	PRIORITY	\$200,000	\$400,000	\$ 300,000				Not connected to resiliency
BC	I	Develop a strategy to control flood waters in the northeast section of Broad Channel	Redesign the culvert under Cross Bay Blvd at 4th Rd	2	FEATURED	\$500K	\$1 Mill	\$ -	\$ -			
BC	I	Develop a strategy to control flood waters in the northeast section of Broad Channel	Replace the backflow preventor (or other appropriate treatment at south end of West St	2	FEATURED	\$100K	\$300K	\$ -	\$ -			
BC	N+C	Protect and enhance the culture and history of Broad Channel	Find a permanent home for the Historical Society	2	FEATURED	TBD	TBD	\$ -	\$ -			
BC	N+C	Wetland and edge improvements to reduce surge in Jamaica Bay and protect against future storm events	Develop a protection strategy for the Recovery campus and nearby houses in the northeast section of BC	2	FEATURED	\$15 Mill	\$ 20 Mill	\$ -	\$ -			
TOTAL								\$ 5,570,000	\$ -			

Prioritization Options

TOTAL BROAD CHANNEL ALLOCATION

\$6.06 Million

POSSIBLE ADDITIONAL ALLOCATION

\$ 3 Million

ACCOMODATION FOR OVERAGES

\$ 1 Million

TARGET ALLOCATION TOTAL

approx \$10 Million

OPTIONS FOR PRIORITIZATION

- Add escalation and contingency to priority projects
- Add additional projects from featured projects list
- Expand upon scope of certain existing projects
 - Sunset Cove
 - Cooling Center capability for American Legion Hall

PROJECT ISSUES

- **Data Digitizing Project was deemed as ineligible**
 - ▶ Team is working on Plan B with Barbara Toborg
 - ▶ Alternate funding strategies being discussed
- **Lanark Road discussions with NYS DEC may require further study, design and costing**
 - ▶ Issues with fill require further discussion
- **Sunset Cove pricing undergoing review and may be more expensive than \$500,000 allocation**

Cost Estimate – Sewer Elements – Lanark Road

Description	Unit	Quantity	Unit Cost	Extended Cost
4" PVC Pipe	LF	150	\$70	\$10,500
8" PVC Pipe	LF	374	\$115	\$43,056
Manholes	EA	7	\$6,400	\$44,800
Earthwork	CY	1399	\$30	\$41,956
Pump- Controls Included	EA	1	\$50,000	\$50,000
Vault	EA	1	\$160,000	\$160,000
6" DIP Water Main	LF	150	\$100	\$15,000
8" DIP Water Main	LF	374	\$160	\$59,904
Timber Sheeting	SF	12586	\$70	\$880,992
Dewatering	Days	21	\$3,000	\$63,000
Fire Hydrants	EA	2	\$10,000	\$20,000

Subtotal= \$1,389,208

Contingency
(50%) \$694,604

Total= \$2,083,811

***Conceptual estimate of probable cost - not for reliance - confidential/work-in-progress**

Revised Cost Estimate – Sewer Elements – Lanark Road

DESCRIPTION	QTY	UNIT	UNIT COST	AMOUNT
4" PVC pipe	150	LF	10.00	\$ 1,500
8" PVC pipe	374	LF	12.00	\$ 4,488
Manholes	7	EA	8,000.00	\$ 56,000
Earthwork	1,399	CY	35.00	\$ 48,965
Pump w/ controls	1	EA	50,000.00	\$ 50,000
6' dia Vault	1	EA	100,000.00	\$ 100,000
6" DIP water main	150	LF	60.00	\$ 9,000
8" DIP water	374	LF	75.00	\$ 28,050
Connection to existing water main	1	EA	5,000.00	\$ 5,000
Timber sheeting	12,586	SF	15.00	\$ 188,790
Dewatering	21	Days	3,000.00	\$ 63,000
New Fire hydrants	2	EA	5,000.00	\$ 10,000
Maintenance and Protection of Traffic	1	LS	100,000.00	\$ 100,000
			SUBTOTAL \$	664,793
General Requirement	10%	MARKUPS	\$	66,479
GC OH & Profit	21%		\$	153,567
Design Contingency	25%		\$	221,210
Escalation (3% per annum to mid point of construction 1 yr from estimate date)	3%		\$	33,181
CONSTRUCTION TOTAL			\$	1,139,231
Soft Costs	30%		\$	341,769
			PROJECT TOTAL \$	1,481,000

***Conceptual estimate of probable cost - not for reliance - confidential/work-in-progress**

East 12th Road Boardwalk



Cost Estimate – Sewer Elements – East 12th Road

East 12th Rd Boardwalk Cost Estimate

Description	Unit	Quantity	Unit Cost	Extended Cost
Vac System	EA	1	\$50,000	\$50,000
Vault in Street	EA	1	\$80,000	\$80,000
4" HDPE Pipe	LF	437	\$70	\$30,590
6" HDPE Pipe	LF	785	\$95	\$74,594
4" DIP Water Main	LF	1222	\$100	\$122,220
Manholes	EA	12	\$6,400	\$76,800
Valves	EA	1	\$10,000	\$10,000

Subtotal= \$444,204

Contingency (50%) \$222,102

Total=	\$666,306
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***Conceptual estimate of probable cost - not for reliance - confidential/work-in-progress**



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