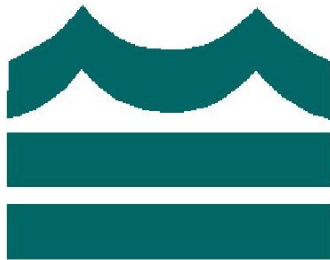


Delaware River Port Authority

2012 Capital Program



December 30, 2011

DELAWARE RIVER PORT AUTHORITY
2012 Capital Budget
As of 1/1/2012
Estimated Project Cost (\$000's)

	2012	Total Cost to Complete (*)
Benjamin Franklin Bridge	\$7,125	\$22,975
Walt Whitman Bridge	\$36,791	\$88,541
Commodore Barry Bridge	\$19,600	\$106,100
Betsy Ross Bridge	\$4,200	\$10,950
Multi-Bridges or All Facilities	\$16,356	\$28,356
Total Multi Bridges or All Facilities	\$84,072	\$256,922
Facility Security	\$3,708	\$3,958
Ferry	\$140	\$140
PATCO	\$33,108	\$286,872
Technology	\$4,207	\$21,836
Total Capital Program	\$125,235	\$569,728

* Net of Federal/State Funding

DELAWARE RIVER PORT AUTHORITY

Capital Budget

As of 1/1/2012

Estimated Project Cost (\$000's)

Project Number	Description	2012	Total Cost to Complete(*)
<i>Benjamin Franklin Bridge</i>			
BF0904	Deck Truss Rehabilitation	\$3,550	\$3,550
BF1003	Philadelphia Anchorage Switchgear Replacement	\$750	\$750
BF0902	Light Duty Vehicle Maintenance Building	\$700	\$2,800
BF0903	Site Paving Rehabilitation	\$700	\$700
BF0901	Salt Storage Building	\$600	\$600
A10002	Administration Building Water Booster Pump & Hot Water System Replacement	\$275	\$275
BF1002	5th Street Vehicle Tunnel	\$200	\$1,500
BF1201	Masonry Rehabilitation	\$200	\$5,800
BF1202	Tower Expansion Joint Rehabilitation	\$150	\$7,000
	BFB Projects: Subtotal	\$7,125	\$22,975
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$7,125	\$22,975
<i>Walt Whitman Bridge</i>			
WB0702	Redeck Suspended Span and Anchorage Spans - Design & Construction	\$35,000	\$85,000
WB1102	Rehabilitation of Ramps D & T Linking I-95 S to I-76 WWB EB	\$750	\$750
WB0901	Dehumidify Anchorages	\$750	\$2,500
WB1201	Deck Truss Retrofit Gusset Plates	\$291	\$291
	WWB Projects: Subtotal	\$36,791	\$88,541
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$36,791	\$88,541
<i>Commodore Barry Bridge</i>			
CB0904	Structural Repairs	\$16,500	\$16,500
CB1201	Chester Ramps Paving	\$750	\$750
CB1202	Emergency Generator Replacement	\$700	\$700
CB0905	Pier E-8 Substation Replacement	\$500	\$500
CB1203	Deleading and Repainting	\$500	\$87,000
CB1204	Roof Replacements	\$400	\$400
CB1205	Chiller Replacement	\$250	\$250
	CBB Projects: Subtotal	\$19,600	\$106,100
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$19,600	\$106,100
<i>Betsy Ross Bridge</i>			
RB0903	Deck Joints/Miscellaneous Repairs	\$2,700	\$2,700
RB1001	Bridge Resurfacing	\$1,500	\$8,250
	BRB Projects: Subtotal	\$4,200	\$10,950
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$4,200	\$10,950
<i>Multi - or All Bridges</i>			
Yearly	General Engineering Consulting Services (GEC)	\$1,875	\$1,875
Yearly	Program Management for Capital Projects	\$1,000	\$1,000
Yearly	Rehabilitation Work Due to Biennial Inspections	\$300	\$300
AB1001	PATCO Outbound and Topographic Survey	\$500	\$1,200
AB1101	Substation Replacements - WWB/BRB	\$500	\$500
AB1104	Standpipe System Rehabilitation - BFB/WWB	\$500	\$9,500
AB1102	New Toll Plaza Canopy Signs - WWB/BFB	\$400	\$1,100
AB1103	Replace Bridge Speed-Limit Signs - WWB/BRB	\$200	\$200
AB0902	Electronic and Roadway Signing Improvements - All Bridges	\$150	\$1,750
	Multi - or All Bridges Projects: Subtotal	\$5,425	\$17,425
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$5,425	\$17,425

DELAWARE RIVER PORT AUTHORITY
Capital Budget
As of 1/1/2012
Estimated Project Cost (\$000's)

Project Number	Description	2012	Total Cost to Complete(*)
<i>Facility Security</i>			
BF1004	Bridge Hardening - BFB	\$3,000	\$3,000
AB1003	BRB/WWB Cameras and Lighting	\$2,000	\$2,000
PD0901	Miscellaneous PATCO Hardening (Cameras & Call Boxes)	\$784	\$784
PD0902	PATCO Tunnel Infrared Fit Out	\$333	\$1,333
PD1201	BFB Footwalk Cameras & Call Stations	\$200	\$200
Facility Security Projects: Subtotal		\$6,317	\$7,317
Less: Federal Share		\$2,609	\$3,359
DRPA Share of Costs		\$3,708	\$3,958
<i>DRPA Other</i>			
OCIP	Owner Controlled Insurance Program	\$1,900	\$1,900
OP1201	Backup Generator for OPC 6th Floor Data Center	\$350	\$350
DRPA Other: Subtotal		\$2,250	\$2,250
Less: Federal Share		\$0	\$0
DRPA Share of Costs		\$2,250	\$2,250
<i>Ferry</i>			
PI0701	Penn's Landing Ferry Terminal Upgrade	\$700	\$700
Ferry: Subtotal		\$700	\$700
Less: Federal Share		\$560	\$560
DRPA Share of Costs		\$140	\$140
<i>PATCO - DRPA Funded</i>			
PD0905	PATCO Power Cable and Pole Line Replacement	\$8,350	\$8,350
PD1202	Lindenwold and Westmont Stations Parking Lots Paving and Rehabilitation	\$3,270	\$3,270
PD1005	PATCO Shop Annex Building	\$2,500	\$9,300
PD0918	Replace Escalators @ Woodcrest, 12/13th & Locust, & 15/16th & Locust Stations	\$2,500	\$6,700
PD1203	Upgrade PATCO to 800 MHz Radio System	\$2,000	\$5,000
PD0909	Rehabilitation of Tunnel Sidewalk Gratings - Philadelphia & Camden	\$2,000	\$6,500
PD1206	Overhaul Transit Car Trucks	\$1,655	\$1,655
PD1006	Replace Transformers at Electrical Substations - Phase 1	\$1,200	\$1,200
PD1204	Replace Transformers at Electrical Substations - Phase 2	\$1,000	\$2,625
PD1107	Track Utility Vehicle Purchase , PATCO Equipment	\$988	\$2,600
PD1207	Traction Motor Rebuilds	\$912	\$912
PD1205	Rehabilitation of Track Structure on Viaducts at Westmont & Lindenwold	\$750	\$14,500
PD1007	Rehabilitate M&W Building, Lindenwold Yard	\$500	\$1,350
PD0806	Upgrade DC Power for Lindenwold Shop & Yard	\$375	\$750
PD0915	Walter Rand Transportation Center Reconfiguration	\$200	\$650
PD0913	Wayside Improvements for Car Overhaul Program	\$200	\$2,000
PATCO - DRPA Funded: Subtotal		\$28,400	\$67,362
Less: Federal Share		\$0	\$0
DRPA Share of Costs		\$28,400	\$67,362

DELAWARE RIVER PORT AUTHORITY
Capital Budget
As of 1/1/2012
Estimated Project Cost (\$000's)

Project Number	Description	2012	Total Cost to Complete(*)
<i>PATCO - DRPA/FTA Funded</i>			
FT0503	Rehabilitation of Fleet	\$16,500	\$168,000
PF1202	Lindenwold Yard Track Rehabilitation	\$3,500	\$38,000
PF1010	Track Rehabilitation Across the BFB	\$3,500	\$76,600
PD0910	Elevators at 9/10th & Locust St. & Ferry Ave. Station	\$3,000	\$5,300
PF9903	Embankment Restoration, Drainage Improvements, & Retaining Walls Rehab.	\$2,200	\$5,700
PF0910	Fence Replacement	\$900	\$1,184
PF0802	Reverse Signals @ Linden Interlocking	\$500	\$500
PF1002	Replace 13.8 kv Cable & Conduit on BFB for 302 Conduit	\$500	\$500
PF0909	Lindenwold Yard Diamond Crossover	\$470	\$470
PF1201	Install Elevators in Remaining Stations	\$300	\$18,500
PF9602	Track Upgrade - Material	\$202	\$606
PF1103	Transit Enhancements	\$125	\$214
PF1001	Smoke & Fire Control, Forced Air Ventilation Study	\$100	\$250
PF0705	Lindenwold Yard Third Rail Sectionalization	\$100	\$100
PF0008	Bridge Painting & Structural Repairs	\$100	\$100
PF1001	PATCO Subway Tunnel Standpipe System	\$100	\$100
PATCO - DRPA/FTA Funded: Subtotal		\$32,097	\$316,124
Less: Federal Share		\$28,978	\$98,203
DRPA Share of Costs		\$3,119	\$217,921
<i>Technology</i>			
TE1101	E-Z Pass Transponders - Mark IV E-Z Pass Transponders	\$760	\$760
TE0702	Enterprise Resource Planning System	\$500	\$16,000
TE1201	CAD RMS Mobile Upgrade	\$421	\$421
TE1202	Storage Area Network Upgrades	\$350	\$350
TE1102	Network Infrastructure Upgrade	\$275	\$275
TE1002	Electronic Records Management Software	\$265	\$365
TE1203	800MHz Replacement/Upgrade	\$231	\$1,155
TE1204	Upgrade of CPA Payment Software	\$200	\$200
TE0902	Authority Copier & Printer Replacement	\$139	\$695
PD1105	PATCO Upgrade of Single Board Computers (SBCs) in AFC Gates and TVMs	\$120	\$435
TE1205	Automated Fare Collection Monitoring System w/Parking System Monitoring	\$100	\$334
Technology: Subtotal		\$3,361	\$20,990
Less: Federal Share		\$0	\$0
DRPA Share of Costs		\$3,361	\$20,990
<i>Miscellaneous Schedules and Capital Labor</i>			
Schedule A: DRPA Miscellaneous Projects		\$853	\$853
Schedule B: Furniture & Fixtures		\$42	\$42
Schedule D: PATCO Miscellaneous Projects and Equipment		\$1,589	\$1,589
Schedule T: Technology Projects and Equipment		\$846	\$846
Schedule V: Vehicle and Vehicle Related Equipment		\$1,256	\$1,256
Capital Labor		\$6,530	\$6,530
Total DRPA Capital Budget		\$125,235	\$569,728

**DELAWARE RIVER PORT AUTHORITY
2012 CAPITAL BUDGET
Schedule A: DRPA MISCELLANEOUS PROJECTS**

Project Number	Project Description	Material/ Equipment
	<i>Operations</i>	
	<i>Ben Franklin Bridge</i>	
A11002	Replace Diesel Generators on Camden & Philadelphia Maintenance Platforms	\$100,000
A12001	Maintenance Building North Vehicle Gate Operator	\$25,000
	Subtotal: Ben Franklin Bridge	\$125,000
	<i>Operations</i>	
	<i>Walt Whitman Bridge</i>	
A12002	Reconfigure Existing Conduit System on "A" Ramp	\$20,000
A12003	Foreman Office Rehabilitation	\$30,000
A12004	New Starters for Storm Pumps	\$16,000
A12005	Install New LED Light Fixtures	\$40,000
	Subtotal: Walt Whitman Bridge	\$106,000
	<i>Operations</i>	
	<i>Commodore Barry Bridge</i>	
A11006	Facility Fire Alarm System Replacement	\$150,000
A12006	Miscellaneous Concrete Upgrades and Repairs	\$57,000
A12007	Administration Building Security Doors	\$27,000
A12008	Building and Toll Lane Light Fixtures	\$63,000
	Subtotal: Commodore Barry Bridge	\$297,000
	<i>Operations</i>	
	<i>Betsy Ross Bridge</i>	
A11008	Administration Building Concrete Slab Replacement	\$75,000
	Subtotal: Betsy Ross Bridge	\$75,000
	<i>Operations</i>	
	<i>Multi or All Bridges</i>	
A12009	UPS Equipment Replacement - BRB, BFB, CBB	\$100,000
	Subtotal: Multi or All Bridges	\$100,000
	<i>Ferry</i>	
A12010	Camden Ferry Terminal - Pile Cluster Repair	\$150,000
	Subtotal: Ferry	\$150,000
	Grand Totals: Schedule A - DRPA Miscellaneous Projects	\$853,000

**DELAWARE RIVER PORT AUTHORITY
2012 CAPITAL BUDGET
Schedule B: DRPA Furniture and Equipment**

Project Number	Furniture/Equipment Description	Furniture/Equipment
<i>One Port Center</i>		
B12001	Legal Secure Records Room Equipment	\$30,000
	Subtotal: One Port Center	\$30,000
<i>Betsy Ross Bridge</i>		
B12002	19' Scissor Lift	\$12,000
	Subtotal: Betsy Ross Bridge	\$12,000
	Grand Totals: Schedule B - DRPA Furniture & Equipment	\$42,000

DELAWARE RIVER PORT AUTHORITY
2012 CAPITAL BUDGET
SCHEDULE D: PATCO MISCELLANEOUS PROJECTS, EQUIPMENT AND AUTOMOTIVE

Project Number	Project/Item Description	Equipment/ Materials
MISCELLANEOUS PROJECTS & EQUIPMENT		
Way & Power Department		
D12001	Replace Lindenwold Station Canopy Roof	\$150,000
D09010	New Storage Overhangs for Existing Vehicle Maint. and M&W Buildings	\$143,000
D09023	Replace Ballast Cars	\$126,000
D11015	Replace Window/Louvers- Front St. & Birch St. Electrical Substations	\$105,000
D05027	Station Signage for Philadelphia Stations - for CMAQ Grant	\$100,000
D11009	Ashland West Substation - Drain Bond Relocation	\$95,000
D10010	Third Rail Heater Cable Upgrade - Mainline	\$90,000
D10001	Install Bird Control Netting-Westmont & Collingswood Viaducts - Phase 2	\$75,000
D08013	Electrical Substations Upgrades	\$72,000
D08021	Upgrade Switch Point Heater Disconnects	\$64,375
D08027	Motor-operated (MO) switch replacement for 3rd rail	\$56,000
D09016	Rehabilitation of Employee Restrooms for Subway Stations	\$55,000
D10003	Rehabilitation of Compressed Air Lines in Subway Tunnel	\$51,000
D12002	Install Stair Tower for Roof Access at Lindenwold Shop	\$50,500
D08024	Upgrade Auto Train Dispatch (Starting Light) System for 15/16th & Woodcrest Stations	\$46,500
D10009	4000A Manual Sectionalizing Switch Replacement	\$41,600
D06028	Upgrade Center Tower Fire Alarm System	\$35,000
D09033	SCADA & CTC Upgrades	\$35,000
D09017	Rehabilitation of Lindenwold Crew Room	\$26,000
D09022	Purchase Rail Push Carts (2)	\$25,750
D11016	Purchase Ballast Broom	\$25,000
D10008	Refurbish Mainline (M3) Switch Machines	\$16,000
D12003	Lindenwold Shop Computer Room Back-Up HVAC System	\$15,750
D11012	Upgrade Power Feed for Lindenwold Yard	\$12,500
D08030	Alternate Center Tower	\$12,250
D09027	UPS/LAN/CTC/Radio Room Enhancement @ 8th & Market	\$8,200
D11011	Upgrade Yard Switch Indicator Lights to LED	\$5,000
Subtotal: Way & Power Department		\$1,537,425
Less: Federal Share		\$100,000
Subtotal: DRPA Share - Way & Power Department		\$1,437,425
Equipment Department		
D12004	Renew Pit Lighting - 2 and 3 Track Pits in Car Shop	\$34,500
D12005	Purchase Six Sets of Transit Car Batteries	\$48,000
D12006	Purchase Eight Fiberglass Platforms for Car Access in Shop	\$48,000
D12007	Purchase Steam Jenny	\$7,000
D12008	Purchase New Refrigerant Recovery System for Transit Cars	\$6,000
D12009	Purchase Floor Scrubber for Shop Floors	\$7,500
Subtotal: Equipment Department		\$151,000
Less: Federal Share		\$0
Subtotal: DRPA Share - Equipment Department		\$151,000
Grand Total: Schedule D - PATCO		\$1,588,425

Note: Capital Labor cost of \$257,354 are included on Schedule M

**DELAWARE RIVER PORT AUTHORITY
2012 CAPITAL BUDGET
SCHEDULE T: TECHNOLOGY PROJECTS AND EQUIPMENT**

Project Number	Project/Item Description	Total Materials/ Equipment/ Contracts
<i>One Port Center</i>		
T12001	SATS Upgrade	\$50,000
	Subtotal: Revenue Audit	\$50,000
T12002	Electronic Toll Collection (ETC) System Upgrade - Lane Equipment	\$50,000
	Subtotal: Finance/Revenue	\$50,000
T12003	New Hire Onboarding Software	\$18,000
T12004	Recruitment Management and Applicant Tracking System	\$16,000
	Subtotal: HRS	\$34,000
<i>Information Services</i>		
Yearly	Miscellaneous Hardware and Software	\$125,000
T11003	Windows Upgrade	\$165,000
T11004	Upgrade of Authority Backup/Restore System	\$150,000
T12005	Toll Server Upgrade	\$111,000
T12006	Server Replacements	\$53,298
T12007	Fuel Management System Upgrade - ORPAK	\$127,000
T12008	Toll Booth Audio and Video Upgrades	\$92,000
T11005	Video Conferencing	\$176,000
T12009	Fare Collection Data Security Upgrade	\$218,000
	Subtotal: Information Services	\$604,298
<i>PATCO</i>		
T08003	Development of Interactive Graphical Information System - Phase 2	\$155,000
T08004	Variable Message System Upgrade/Replacement	\$24,000
T12010	Cross Match Upgrade	\$24,786
T12011	Plotter and CAD System	\$9,788
	Subtotal: PATCO	\$213,574
<i>Public Safety</i>		
T12012	Police Identification Cards	\$8,631
T12010	Cross Match Upgrade	\$99,144
	Subtotal: Public Safety	\$107,775
	Grand Total: Technology Projects & Equipment	\$846,073

Note: Capital Labor cost of \$19,600 are included on Schedule M

DELAWARE RIVER PORT AUTHORITY
2012 CAPITAL BUDGET
Schedule V: DRPA Vehicles & Related Equipment

Project Number	Vehicle/Related Equipment Description	Total Cost
	<i>Fleet Operations</i>	
	<i>Bridge Operations</i>	
83812	Crew Cab Dump Body Truck w/plow spreader	\$150,000
65612	Front End Wheel Loader w/bucket attachment	\$160,000
81212	Crew Cab Pick Up 4x4 with plow and lights	\$24,000
83212	2012 Ford F550 Crew Cab Chassis w/CA85	\$45,523
64612	2012 Commercial Rated Tractor w/boom and flail mower attachment	\$35,397
67112	Mobile Scrubber	\$53,979
	Subtotal: Bridge Operations	\$468,899
	<i>Fleet Operations</i>	
	<i>Public Safety</i>	
3512	2012 Dodge Charger V-6 Patrol Cruiser	\$35,000
2012	2012 Dodge Charger V-6 Patrol Cruiser	\$35,000
3712	2012 Dodge Charger V-6 Patrol Cruiser	\$35,000
5712	2012 Dodge Charger V-6 Patrol Cruiser	\$35,000
5212	2012 Dodge Charger V-6 Patrol Cruiser	\$35,000
7512	Chevrolet Tahoe Police Cruiser	\$37,000
6412	Mobile Command Center (Partially funded by Transit Security Grant \$238,000)	\$256,470
7111	Chevrolet Tahoe Police Cruiser	\$36,000
7611	Chevrolet Tahoe Police Cruiser	\$36,000
	Subtotal: Public Safety	\$540,470
	Less: Federal Share	\$238,000
	DRPA Share of Costs	\$302,470
	<i>Fleet Operations</i>	
	<i>PATCO</i>	
57012	1-Ton Econoline Cargo Van w/second seat and ladder rack	\$21,000
57412	3/4 Ton Super Cab 4x4 Pickup w/plow and lights	\$29,000
57612	Crew Cab Pick Up 4x4 with plow and lights	\$35,000
57812	Crew Cab Utility Body 4x4 Pickup with plow and lights	\$45,000
57711	Crew Cab Pick Up 4x4 with plow and lights	\$35,000
57511	Pick Up 4x4 with plow and lights	\$35,000
57311	Pick Up 4x4 with Utility Body and plow and lights	\$47,000
	Subtotal: PATCO	\$247,000
	Grand Totals: Schedule C - DRPA Vehicles & Related Equipment	\$1,256,369

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program Summary

	DRPA Share Estimated Project Cost (\$000's)*					
	2012	2013	2014	2015	2016/Later	Total
Benjamin Franklin Bridge	\$7,125	\$8,280	\$14,050	\$8,500	\$19,000	\$56,955
Walt Whitman Bridge	\$36,791	\$38,650	\$26,100	\$31,000	\$59,500	\$192,041
Commodore Barry Bridge	\$19,600	\$12,000	\$26,200	\$28,300	\$25,350	\$111,450
Betsy Ross Bridge	\$4,200	\$6,750	\$500	\$0	\$100	\$11,550
Multi-Bridges or All Facilities	\$16,356	\$16,085	\$18,085	\$15,185	\$11,185	\$76,896
Total Multi Bridges or All Facilities	\$84,072	\$81,765	\$84,935	\$82,985	\$115,135	\$448,892
Facility Security	\$3,708	\$565	\$7,192	\$23,250	\$0	\$34,715
Ferry	\$140	\$0	\$0	\$0	\$0	\$140
PATCO	\$33,108	\$82,428	\$94,211	\$82,350	\$31,800	\$323,897
Technology	\$4,207	\$8,429	\$7,170	\$7,670	\$2,170	\$29,646
Total Capital Program	\$125,235	\$173,187	\$193,508	\$196,255	\$149,105	\$837,290

* Net of Federal/State Funding

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2012
Estimated Project Cost (\$000's)

Project Number	Description	2012	2013	2014	2015	2016/Later	Total
<i>Benjamin Franklin Bridge</i>							
BF0904	Deck Truss Rehabilitation	\$3,550					\$3,550
BF1003	Philadelphia Anchorage Switchgear Replacement	\$750					\$750
BF0902	Light Duty Vehicle Maintenance Building	\$700	\$2,100				\$2,800
BF0903	Site Paving Rehabilitation	\$700					\$700
BF0901	Salt Storage Building	\$600					\$600
A10002	Administration Building Water Booster Pump & Hot Water System Replacement	\$275					\$275
BF1002	Masonry Rehabilitation	\$200	\$1,600	\$4,000			\$5,800
New Item	5th Street Vehicle Tunnel	\$200	\$800	\$500			\$1,500
Introduced in 07	Tower Expansion Joint Rehabilitation	\$150	\$1,500	\$5,350			\$7,000
A09002	BFB Maintenance Building Door Replacement		\$320				\$320
BF0205	West Side Mitigation Signage Improvements (100% Funded by FHWA)		\$250	\$750			\$1,000
Introduced in 07	5th Street Realignment & Wilson Building		\$300	\$500			\$800
Introduced in 08	Maintenance Building Reallocation/Utilization			\$300	\$500		\$800
Introduced in 08	Bridge Deck Resurfacing			\$500	\$5,000	\$5,000	\$10,500
Introduced in 10	Suspension Cable Inspection		\$1,000	\$2,000	\$2,000		\$5,000
Introduced in 10	Cable Dehumidification				\$1,000	\$14,000	\$15,000
Introduced in 11	Annex & Administration Chiller/HVAC Replacement & Annex Roof		\$100	\$900			\$1,000
Introduced in 11	3rd Street Camden Yard Rehabilitation - Phase II		\$560				\$560
	BFB Projects: Subtotal	\$7,125	\$8,530	\$14,800	\$8,500	\$19,000	\$57,955
	Less: Federal Share	\$0	\$250	\$750	\$0	\$0	\$1,000
	DRPA Share of Costs	\$7,125	\$8,280	\$14,050	\$8,500	\$19,000	\$56,955
<i>Walt Whitman Bridge</i>							
WB0702	Redeck Suspended Span and Anchorage Spans - Design & Construction	\$35,000	\$35,000	\$15,000			\$85,000
WW1102	Rehabilitation of Ramps D & T Linking I-95 S to I-76 WWB EB	\$750					\$750
WB0901	Dehumidify Anchorages	\$750	\$1,750				\$2,500
New Item	Deck Truss Retrofit Gusset Plates	\$291					\$291
New Item	Replacement of PA VMS Boards			\$500	\$1,500		\$2,000
New Item	Heavy Duty Vehicle Repair Shop		\$250	\$250			\$500
Introduced in 11	Replace Boilers		\$500				\$500
WB1101	Toll Plaza Rehabilitation		\$400	\$1,600			\$2,000
Introduced in 07	Deleading and Repainting - Phase 3 (Suspended Span, Towers & Anchorages)		\$500	\$5,000	\$20,000	\$45,000	\$70,500
Introduced in 07	Sign Gantry Rehabilitation (Approach Spans)		\$250	\$2,750			\$3,000
Introduced in 07	Cable Rehabilitation/Dehumidification			\$500	\$7,000	\$12,500	\$20,000
New Item	PA Approach Overpass Structural Rehabilitation			\$500	\$2,500	\$2,000	\$5,000
	WWB Projects: Subtotal	\$36,791	\$38,650	\$26,100	\$31,000	\$59,500	\$192,041
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$36,791	\$38,650	\$26,100	\$31,000	\$59,500	\$192,041

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2012
Estimated Project Cost (\$000's)

Project Number	Description	2012	2013	2014	2015	2016/Later	Total
<i>Commodore Barry Bridge</i>							
CB0904	Structural Repairs	\$16,500					\$16,500
Introduced in 11	Chester Ramps Paving	\$750					\$750
Introduced in 11	Emergency Generator Replacement	\$700					\$700
CB0905	Pier E-8 Substation Replacement	\$500					\$500
Introduced in 10	Deleading and Repainting	\$500	\$12,000	\$25,000	\$25,000	\$24,500	\$87,000
Introduced in 11	Roof Replacements	\$400					\$400
Introduced in 11	Chiller Replacement	\$250					\$250
New Item	Install Variable Messaging Signs					\$100	\$100
CB1002	Vehicle Storage Building Expansion			\$500			\$500
CB0905	HV Cable Replacement			\$500	\$2,500		\$3,000
Introduced in 08	Electrical Upgrades			\$200	\$800		\$1,000
Introduced in 08	NJ Approach Roadway Resurfacing					\$250	\$250
New Item	Replacement of Moveable Barrier					\$500	\$500
	CBB Projects: Subtotal	\$19,600	\$12,000	\$26,200	\$28,300	\$25,350	\$111,450
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$19,600	\$12,000	\$26,200	\$28,300	\$25,350	\$111,450
<i>Betsy Ross Bridge</i>							
RB0903	Deck Joints/Miscellaneous Repairs	\$2,700					\$2,700
RB1001	Bridge Resurfacing	\$1,500	\$6,750				\$8,250
Introduced in 07	Administration Building HVAC Rehabilitation			\$500			\$500
New Item	Richmond Street Substation					\$100	\$100
	BRB Projects: Subtotal	\$4,200	\$6,750	\$500	\$0	\$100	\$11,550
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$4,200	\$6,750	\$500	\$0	\$100	\$11,550

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Project Number	Description	2012	2013	2014	2015	2016/Later	Total
<i>Multi - or All Bridges</i>							
Yearly	Program Management for Capital Projects	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000
Yearly	Rehabilitation Work Due to Biennial Inspections	\$300	\$300	\$300	\$300	\$300	\$1,500
Yearly	General Engineering Consulting Services (GEC)	\$1,875	\$1,875	\$1,875	\$1,875	\$1,875	\$9,375
AB1101	Substation Replacements - WWB/BRB	\$500					\$500
AB1001	PATCO Outbound and Topographic Survey	\$500	\$700				\$1,200
AB1104	Standpipe System Rehabilitation - BFB/WWB	\$500	\$1,000	\$4,000	\$4,000		\$9,500
AB1102	New Toll Plaza Canopy Signs - WWB/BFB	\$400	\$700				\$1,100
AB1103	Replace Bridge Speed-Limit Signs - WWB/BRB	\$200					\$200
AB0902	Electronic and Roadway Signing Improvements - All Bridges	\$150	\$600	\$1,000			\$1,750
	Multi - or All Bridges Projects: Subtotal	\$5,425	\$6,175	\$8,175	\$7,175	\$3,175	\$30,125
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$5,425	\$6,175	\$8,175	\$7,175	\$3,175	\$30,125
<i>Facility Security</i>							
BF1004	Bridge Hardening - BFB	\$3,000					\$3,000
AB1003	BRB/WWB Cameras and Lighting	\$2,000					\$2,000
PD0901	Miscellaneous PATCO Hardening (Cameras & Call Boxes)	\$784					\$784
PD0902	PATCO Tunnel Infrared Fit Out	\$333	\$1,000				\$1,333
Introduced in 11	BFB Footwalk Cameras & Call Stations	\$200					\$200
PD1102	PATCO Prox Card System & Center Tower Hardening		\$315	\$1,442			\$1,757
PD1101	Interlocking Security Cameras			\$750	\$3,250		\$4,000
Introduced in 08	Bridge Hardening - WWB			\$5,000	\$20,000		\$25,000
	Facility Security Projects: Subtotal	\$6,317	\$1,315	\$7,192	\$23,250	\$0	\$38,074
	Less: Federal Share	\$2,609	\$750		\$0	\$0	\$3,359
	DRPA Share of Costs	\$3,708	\$565	\$7,192	\$23,250	\$0	\$34,715
<i>DRPA Other</i>							
New Item	Backup Generator for OPC 6th Floor Data Center	\$350					\$350
OCIP	Owner Controlled Insurance Program	\$1,900	\$1,900	\$1,900			\$5,700
	DRPA Other: Subtotal	\$2,250	\$1,900	\$1,900	\$0	\$0	\$6,050
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$2,250	\$1,900	\$1,900	\$0	\$0	\$6,050
<i>Ferry</i>							
PI0701	Penn's Landing Ferry Terminal Upgrade	\$700					\$700
	Ferry: Subtotal	\$700	\$0	\$0	\$0	\$0	\$700
	Less: Federal Share	\$560		\$0	\$0	\$0	\$560
	DRPA Share of Costs	\$140	\$0	\$0	\$0	\$0	\$140

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<i>PATCO - DRPA Funded</i>							
PD0905	PATCO Power Cable and Pole Line Replacement	\$8,350					\$8,350
Introduced in 11	Lindenwold and Westmont Stations Parking Lots Paving and Rehabilitation	\$3,270					\$3,270
PD1005	PATCO Shop Annex Building	\$2,500	\$6,800				\$9,300
PD0918	Replace Escalators @ Woodcrest, 12/13th & Locust, & 15/16th & Locust Stations	\$2,500	\$3,000	\$1,200			\$6,700
New Item	Upgrade PATCO to 800 MHz Radio System	\$2,000	\$3,000				\$5,000
PD0909	Rehabilitation of Tunnel Sidewalk Gratings - Philadelphia & Camden	\$2,000	\$4,500				\$6,500
Yearly	Overhaul Transit Car Trucks	\$1,655					\$1,655
PD1006	Replace Transformers at Electrical Substations - Phase 1	\$1,200					\$1,200
New Item	Replace Transformers at Electrical Substations - Phase 2	\$1,000	\$1,625				\$2,625
PD1107	Track Utility Vehicle Purchase , PATCO Equipment	\$988	\$1,482	\$130			\$2,600
Yearly	Traction Motor Rebuilds	\$912					\$912
Introduced in 11	Rehabilitation of Track Structure on Viaducts at Westmont & Lindenwold	\$750	\$3,500	\$5,250	\$5,000		\$14,500
PD1007	Rehabilitate M&W Building, Lindenwold Yard	\$500	\$850				\$1,350
PD0806	Upgrade DC Power for Lindenwold Shop & Yard	\$375	\$375				\$750
PD0915	Wayside Improvements for Car Overhaul Program	\$200	\$1,800				\$2,000
PD0913	Walter Rand Transportation Center Reconfiguration	\$200	\$450				\$650
PD0916	Design & Construct Covered Storage Area		\$350	\$150			\$500
PD0904	Concourse Improvements - Phase 2		\$200	\$525			\$725
PD0906	Woodcrest Substation		\$1,500	\$3,500	\$2,600		\$7,600
Introduced in 07	Subway Structure Renovation		\$500	\$2,000	\$2,000		\$4,500
New Item	Replace Transformers at Electrical Substations - Phase 3		\$500	\$1,200	\$500		\$2,200
New Item	Substation Equipment Replacement Program				\$3,500	\$2,500	\$6,000
Introduced in 10	Replace Electrical Cables in Subways			\$500	\$3,000	\$6,000	\$9,500
	PATCO - DRPA Funded: Subtotal	\$28,400	\$30,432	\$14,455	\$16,600	\$8,500	\$98,387
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$28,400	\$30,432	\$14,455	\$16,600	\$8,500	\$98,387

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Project Number	Description	2012	2013	2014	2015	2016/Later	Total
<i>PATCO - DRPA/FTA Funded</i>							
PF0503	Rehabilitation of Fleet	\$16,500	\$52,500	\$44,000	\$43,000	\$12,000	\$168,000
PF1202	Lindenwold Yard Track Rehabilitation - Phase 2	\$3,500	\$5,500	\$10,000	\$10,000	\$9,000	\$38,000
PF1010	Track Rehabilitation Across the BFB	\$3,500	\$30,000	\$31,000	\$12,100		\$76,600
PD0910	Elevators at 9/10th & Locust St. & Ferry Ave. Station	\$3,000	\$2,300				\$5,300
PF9903	Embankment Restoration, Drainage Improvements, & Retaining Walls Rehab.	\$2,200	\$1,500	\$500	\$1,500		\$5,700
PF0910	Fence Replacement	\$900	\$284				\$1,184
PF0802	Reverse Signals @ Linden Interlocking	\$500					\$500
PF1002	Replace 13.8 kv Cable & Conduit on BFB for 302 Conduit	\$500					\$500
PF0909	Lindenwold Yard Diamond Crossover	\$470					\$470
Introduced in 08	Install Elevators in Remaining Stations	\$300	\$1,300	\$6,450	\$6,450	\$4,000	\$18,500
PF9602	Track Upgrade - Material	\$202	\$202	\$202			\$606
PF1103	Transit Enhancements	\$125	\$89				\$214
PF0705	Lindenwold Yard Third Rail Sectionalization	\$100					\$100
PF0008	Bridge Painting & Structural Repairs	\$100					\$100
PF1001	PATCO Subway Tunnel Standpipe System	\$100					\$100
PF1001	Smoke & Fire Control, Forced Air Ventilation Study	\$100	\$150				\$250
	PATCO - DRPA/FTA Funded: Subtotal	\$32,097	\$93,825	\$92,152	\$73,050	\$25,000	\$316,124
	Less: Federal Share	\$28,978	\$43,329	\$13,896	\$8,800	\$3,200	\$98,203
	DRPA Share of Costs	\$3,119	\$50,496	\$78,256	\$64,250	\$21,800	\$217,921

DELAWARE RIVER PORT AUTHORITY
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Estimated Project Cost (\$000's)

Project Number	Description	2012	2013	2014	2015	2016/Later	Total
<i>Technology</i>							
TE1101	E-Z Pass Transponders - Mark IV E-Z Pass Transponders	\$760	\$1,000	\$1,000	\$1,000	\$1,000	\$4,760
TE0702	Enterprise Resource Planning System	\$500	\$5,000	\$5,000	\$5,500		\$16,000
New Item	CAD RMS Mobile Upgrade	\$421					\$421
New Item	Storage Area Network Upgrades	\$350					\$350
TE1102	Network Infrastructure Upgrade	\$275					\$275
TE1002	Electronic Records Management Software	\$265	\$100				\$365
New Item	800MHz Replacement/Upgrade	\$231	\$231	\$231	\$231	\$231	\$1,155
New Item	Upgrade of CPA Payment Software	\$200					\$200
TE0902	Authority Copier & Printer Replacement	\$139	\$139	\$139	\$139	\$139	\$695
PD1105	PATCO Upgrade of Single Board Computers (SBCs) in AFC Gates and TVMs	\$120	\$315				\$435
New Item	Automated Fare Collection Monitoring System w/Parking System Monitoring	\$100	\$234				\$334
New Item	EV1 AFC System Configuration Change		\$310				\$310
New Item	Tri-Reader 3 upgrade for PATCO Ticket Vending Machines		\$300				\$300
	Technology: Subtotal	\$3,361	\$7,629	\$6,370	\$6,870	\$1,370	\$25,600
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$3,361	\$7,629	\$6,370	\$6,870	\$1,370	\$25,600
<i>Miscellaneous Schedules and Capital Labor</i>							
	Schedule A: DRPA Miscellaneous Projects	\$853	\$800	\$800	\$800	\$800	\$4,053
	Schedule B: Furniture & Fixtures	\$42	\$10	\$10	\$10	\$10	\$82
	Schedule D: PATCO Miscellaneous Projects and Equipment	\$1,589	\$1,500	\$1,500	\$1,500	\$1,500	\$7,589
	Schedule T: Technology Projects and Equipment	\$846	\$800	\$800	\$800	\$800	\$4,046
	Schedule V: Vehicle and Vehicle Related Equipment	\$1,256	\$1,200	\$1,200	\$1,200	\$1,200	\$6,056
	Capital Labor	\$6,530	\$6,000	\$6,000	\$6,000	\$6,000	\$30,530
	Total DRPA Capital Program	\$125,235	\$173,187	\$193,508	\$196,255	\$149,105	\$837,290