

DELAWARE RIVER PORT AUTHORITY
2014 Capital Budget
As of 1/1/2014
Estimated Project Cost (\$000's)

	2014	Total Cost to Complete (*)
Benjamin Franklin Bridge	\$2,480	\$12,815
Walt Whitman Bridge	\$8,830	\$82,783
Commodore Barry Bridge	\$19,885	\$136,615
Betsy Ross Bridge	\$8,400	\$16,500
Multi-Bridges or All Facilities	\$5,935	\$29,935
Facility Security	\$790	\$1,425
DRPA Other	\$1,000	\$1,000
PATCO	\$89,837	\$233,740
Technology	\$13,713	\$27,282
All Schedules (A, B, D, T, V, and Capital Labor)	\$12,467	\$12,467
Total Capital Program	\$163,337	\$554,562

* Net of Federal/State Funding

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2014
Estimated Project Cost (\$000's)

Project Number	Description	2014	Total
<i>Benjamin Franklin Bridge</i>			
BF1301	Pavement Repairs	\$750	\$750
BF1302	South Walkway Bicycle & Pedestrian Ramp	\$500	\$3,750
BF1402	Emergency Power Improvements	\$375	\$500
BF1303	4th Street Garage Lead Remediation	\$325	\$325
BF1306	Suspension Cable Inspection/Cable Rehabilitation Design	\$300	\$5,000
BF1401	BFB Priority ROW repairs - Camden 3rd to 4th Street	\$250	\$330
BF1304	Administration and Annex Buildings - Chiller Replacement	\$200	\$400
BF1002	5th Street Vehicle Tunnel	\$100	\$1,760
BF1403	West Side Mitigation Signage Improvements	\$50	\$850
	BFB Projects: Subtotal	\$2,850	\$13,665
	Less: Federal Share	\$370	\$850
	DRPA Share of Costs	\$2,480	\$12,815
<i>Walt Whitman Bridge</i>			
WB0702	Redeck Suspended Span and Anchorage Spans - Design & Construction	\$3,000	\$3,000
WB1101	Toll Plaza Rehabilitation	\$2,000	\$2,650
WB0901	Dehumidify Anchorages	\$1,780	\$1,780
WB1401	NJ Approach Substructure Rehabilitation	\$850	\$2,753
WB1301	Deleading and Repainting - Phase 3 (Suspended Span, Towers & Anchorages)	\$500	\$71,000
WB1303	Replace Boilers	\$400	\$400
WB1402	Emergency Generator at NJ Anchorage	\$200	\$700
WB1304	Heavy Duty Vehicle Repair Shop	\$100	\$500
	WWB Projects: Subtotal	\$8,830	\$82,783
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$8,830	\$82,783
<i>Commodore Barry Bridge</i>			
CB1203	Deleading and Repainting	\$16,000	\$121,000
CB0908	Gantry Power Feeder Replacement	\$2,000	\$3,000
CB1402	Administration Complex Switchgear Replacement	\$670	\$1,000
CB1401	Bridge Deck Repairs	\$400	\$1,000
CB1204	Roof Replacements	\$365	\$365
CB1301	NJ Approach Roadway Resurfacing	\$250	\$2,350
CB1302	Structural Rehabilitation - Phase II	\$200	\$7,900
	CBB Projects: Subtotal	\$19,885	\$136,615
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$19,885	\$136,615
<i>Betsy Ross Bridge</i>			
RB1001	Bridge Resurfacing	\$8,400	\$16,500
	BRB Projects: Subtotal	\$8,400	\$16,500
	Less: State Share	\$0	\$0
	DRPA Share of Costs	\$8,400	\$16,500
<i>Multi - or All Bridges</i>			
Yearly	General Engineering Consulting Services (GEC)	\$1,875	\$9,375
AB1301	DRPA Truck Permit Program	\$1,500	\$2,300
Yearly	Program Management for Capital Projects	\$1,000	\$5,000
AB1001	PATCO Outbound Survey and Topographic Study	\$950	\$1,650
AB20XX	Rehabilitation Work Due to Biennial Inspections - Yearly	\$300	\$1,500
AB1104	Standpipe System Rehabilitation - BFB/WWB	\$300	\$10,100
AB1102	New Toll Plaza Canopy Signs - WWB/BFB	\$10	\$10
	Multi - or All Bridges Projects: Subtotal	\$5,935	\$29,935
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$5,935	\$29,935

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2014
Estimated Project Cost (\$000's)

Project Number	Description	2014	Total
<i>Facility Security</i>			
PD1402	CBB Security Fence Installation	\$440	\$440
PD1201	BFB Pedestrian Walkway Cameras & Call Stations	\$200	\$385
PD1403	Security Gates - CBB, BFB, BRB	\$100	\$200
PD1401	BRB Property Fence Replacement and Expansion	\$50	\$400
	Facility Security Projects: Subtotal	\$790	\$1,425
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$790	\$1,425
<i>DRPA Other</i>			
OP1201	Backup Generator for OPC 6th Floor Data Center	\$350	\$350
OP1302	Admiral Wilson Boulevard Remediation and Construction	\$350	\$350
OP1301	OPC Condenser Water Heat Exchanger Replacement	\$300	\$300
	DRPA Other: Subtotal	\$1,000	\$1,000
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$1,000	\$1,000
<i>PATCO - DRPA Funded</i>			
PF1010	Track Rehabilitation Across the BFB	\$70,000	\$106,500
PD0918	Replace Escalators @ Woodcrest, 12/13th & Locust, & 15/16th & Locust Stations	\$2,800	\$2,800
PF1301	Ferry & Collingswood Parking Lots	\$2,500	\$2,500
PD1404	Rebuild Transit Car Trucks - Yearly	\$1,323	\$6,615
PD0909	Rehabilitation of Ventilation Vaults	\$1,000	\$600
PD1406	Traction Motor Rebuilds - Yearly	\$1,000	\$5,000
PD1304	Procure and Install Computer Based Maintenance Management System (CBMMS)	\$750	\$1,500
PD0915	Wayside Improvements	\$600	\$2,000
PD0905	PATCO Power Cable and Pole Line Replacement	\$500	\$500
PD1204	Replace Transformers at Electrical Substations - Phase 2	\$500	\$2,325
PD1405	PATCO Track Circuit Modifications Design and Oversight	\$500	\$500
PD1306	Emergency Generator Replacement at Lindenwold Shop	\$300	\$600
PD1408	Car Wash Computer System Upgrade	\$210	\$210
PD1305	VMS Sign Replacement	\$200	\$517
PD0806	Upgrade DC Power for Lindenwold Shop & Yard	\$100	\$500
PD1005	Shop Annex Building	\$100	\$100
PD1107	Track Utility Vehicle Purchase, PATCO Equipment	\$100	\$2,600
	PATCO - DRPA Funded: Subtotal	\$82,483	\$135,367
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$82,483	\$135,367
<i>PATCO - DRPA/FTA Funded</i>			
PF0503	Rehabilitation of Fleet	\$33,000	\$148,000
PF1201	Install Elevators in Remaining Stations	\$930	\$18,860
PF1202	Lindenwold Yard Track Rehabilitation & Lindenwold Viaduct	\$500	\$42,500
PF1302	Upgrade Center Tower SCADA Software	\$500	\$4,200
PF1401	Transit Enhancements - Yearly	\$338	\$546
PF9903	Embankment Restoration, Drainage Improvements, & Retaining Walls Rehab.	\$300	\$7,550
PF1002	Replace 13.2 kv Cable & Conduit on BFB for 302 Conduit	\$300	\$300
PF1001	Smoke & Fire Control, Forced Air Ventilation Study	\$300	\$300
PF0910	Fence Replacement	\$250	\$1,000
PF1303	Track Upgrade - Material	\$200	\$200
PF0909	Lindenwold Yard Diamond Crossover	\$100	\$100
PD0910	Elevators at 9/10th & Locust St. and Ferry Avenue Station	\$50	\$50
	PATCO - DRPA/FTA Funded: Subtotal	\$36,768	\$223,606
	Less: Federal Share	\$29,414	\$125,233
	DRPA Share of Costs	\$7,354	\$98,373

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2014
Estimated Project Cost (\$000's)

Project Number	Description	2014	Total
<i>Technology</i>			
TE0702	Enterprise Resource Planning System	\$7,000	\$15,000
TE1301	Toll System Equipment Upgrade for all Facilities	\$704	\$704
TE1401	PATCO Camera Upgrades	\$578	\$578
TE1405	Litigation Tracking/Case Management System	\$520	\$520
TE1304	Disaster Recovery Buildout - CBB	\$510	\$510
TE1404	Network Rewiring of all AFC equipment in stations	\$500	\$1,500
TE1308	WAN Equipment	\$400	\$400
TE1002	Electronic Records Management Software	\$375	\$500
TE1305	In-Car Video - Wireless Version	\$350	\$350
TE1204	Upgrade of Nextfare Automated Fare Collection and CPA Payment Software	\$300	\$1,300
TE1402	E-Z Pass Transponders - Mark IV E-Z Pass Transponders - Yearly	\$300	\$1,900
TE1307	Tri-Reader 3 upgrade for PATCO Ticket Vending Machines	\$300	\$300
PD1105	PATCO Upgrade of Single Board Computers (SBCs) in AFC Gates and TVMs	\$294	\$294
TE1403	Storage and Backup Upgrades	\$250	\$250
TE1203	800MHz Replacement/Upgrade	\$231	\$924
TE1309	TVM Upgrade/Pilot Bill Recycler Unit with 28" Screen	\$228	\$228
T12007	Fuel Management System Upgrade	\$217	\$217
TE1303	OPC to BFB Camden Anchorage Fiber	\$200	\$700
TE1306	EV1 AFC System Configuration Change	\$168	\$168
TE1205	Automated Fare Collection Monitoring System w/Parking System Monitoring	\$150	\$525
TE0902	Authority Copier & Printer Replacement	\$138	\$414
	Technology: Subtotal	\$13,713	\$27,282
	Less: Federal Share	\$0	\$0
	DRPA Share of Costs	\$13,713	\$27,282
<i>Miscellaneous Schedules and Capital Labor</i>			
	Schedule A: DRPA Miscellaneous Projects	\$862	\$862
	Schedule B: Furniture & Fixtures	\$282	\$282
	Schedule D: PATCO Miscellaneous Projects and Equipment	\$1,466	\$1,466
	Schedule T: Technology Projects and Equipment	\$2,056	\$2,056
	Schedule V: Vehicle and Vehicle Related Equipment	\$901	\$901
	Capital Labor	\$6,900	\$6,900
	Total DRPA Capital Program	\$163,337	\$554,562

**DELAWARE RIVER PORT AUTHORITY
2014 CAPITAL BUDGET
Schedule A: DRPA MISCELLANEOUS PROJECTS**

Project Number	Project Description	Material/ Equipment
<i>Operations</i>		
<i>Benjamin Franklin Bridge</i>		
A13001	Oil/Water Separator Pit Replacement	\$150,000
A14001	Replace Under Deck Lighting Philadelphia and Camden Approaches	\$137,000
A14002	PHASE 2 Maintenance Building 5 Door Replacement Project	\$57,200
A09002	Maintenance Building 5 Door Replacement	\$52,000
A14003	North Footwalk Camden Entrance Rehabilitation	\$49,242
A14004	VMS Sign Replacement	\$39,000
A14005	BFB Phila 4th St Garage Unisex Employee Bathroom	\$34,850
A14006	Maint Building Women's Locker/Restroom Rehabilitation	\$30,000
A14007	Admin Bldg Front and Rear Main Entry Door Replacements	\$16,855
	Subtotal: Benjamin Franklin Bridge	\$566,147
<i>Operations</i>		
<i>Walt Whitman Bridge</i>		
A14008	Upgrade Outside Lighting	\$35,386
A14009	Upgrade Inside Lighting	\$27,180
A14010	Upgrade Access Control & Surge Protection	\$14,802
A14011	Replace and Upgrade Fire Alarm System	\$8,171
	Subtotal: Walt Whitman Bridge	\$85,539
<i>Operations</i>		
<i>Commodore Barry Bridge</i>		
A14012	Garage LED Light Fixtures	\$27,000
	Subtotal: Commodore Barry Bridge	\$27,000
<i>Operations</i>		
<i>Betsy Ross Bridge</i>		
A14013	Bearing Replacement on the NJ "A" Ramp Overpass Bridge	\$45,000
	Subtotal: Betsy Ross Bridge	\$45,000
<i>One Port Center</i>		
A13007	Tenant Fitout for former SNJ suite (3rd Floor)	\$87,500
A13008	Tenant Fitout for former NJCA suite (6th Floor)	\$51,250
	Subtotal: One Port Center	\$138,750
	Grand Totals: Schedule A - DRPA Miscellaneous Projects	\$862,436

**DELAWARE RIVER PORT AUTHORITY
2014 CAPITAL BUDGET
Schedule B: DRPA Furniture and Equipment**

Project Number	Furniture/Equipment Description	Furniture/Equipment
<i>Benjamin Franklin Bridge</i>		
B14001	Toro Workman Vertical Lift	\$42,000
B14002	Kubota Backhoe Attachment	\$7,760
	Subtotal: Benjamin Franklin Bridge	\$49,760
<i>Walt Whitman Bridge</i>		
B13005	Storage Cabinets (HVAC)	\$61,000
B13004	Storage Cabinets (Maintenance Dept)	\$57,500
B13006	Storage Cabinets (Tools & Materials)	\$13,000
B14003	Vanair Air-N-Arc Model #250	\$12,223
B14004	Landscaping Equipment Tractor	\$12,000
	Subtotal: Walt Whitman Bridge	\$155,723
<i>Commodore Barry Bridge</i>		
B14005	Landscaping Equipment Tractor	\$12,000
	Subtotal: Commodore Barry Bridge	\$12,000
<i>Betsy Ross Bridge</i>		
B14006	Electrical Shop Work Benches and Storage Cabinets	\$26,000
B14007	Miller Dynasty Series Electric Welding Machine	\$14,000
B14008	Landscaping Equipment Tractor	\$12,000
B14009	Betsy Ross Bridge C&M Mechanic's Tool Box	\$5,500
	Subtotal: Betsy Ross Bridge	\$57,500
<i>Multi or All Bridges</i>		
B14010	Residue Removal Equipment for Tunnels/ Stations/ Sidewalks	\$7,000
	Subtotal: Multi or All Bridges	\$7,000
	Grand Totals: Schedule B - DRPA Furniture & Equipment	\$281,983

**DELAWARE RIVER PORT AUTHORITY
2014 CAPITAL BUDGET
SCHEDULE D: PATCO MISCELLANEOUS PROJECTS AND EQUIPMENT**

Project Number	Project/Item Description	Equipment/ Materials
<i>Way & Power Department</i>		
D09010	New Storage Overhangs for Existing Vehicle Maintenance and M&W Buildings	\$30,000
D09016	Rehabilitation of Employee Restrooms for Subway Stations	\$20,000
D10003	Rehabilitation of Compressed Air Lines in Subway Tunnel	\$51,000
D11015	Replace Windows/Louvers - Front St. and Birch St. Electrical Substations	\$35,000
D12001	Replace Lindenwold Station Lobby Roof	\$150,000
D13004	Replace Drains for Track 2 & 3	\$150,000
D13001	Purchase Railroad Tie Changer	\$91,000
D06028	Upgrade Center Tower Fire Detection/Alarm System	\$55,000
D14007	Electrical Substation Upgrades	\$72,000
D08021	Upgrade Switch Point Heater Disconnects	\$30,000
D08027	Replace Motor Operated (MO) Switches for 3rd Rail	\$58,240
D09027	UPS/LAN/CTC/Radio Room Enhancement @ 8th & Market	\$9,020
D10009	Replace 4000A Sectionalizing Switches for 3rd Rail	\$43,264
D10010	Upgrade Third Rail Heater Cable on Main Line	\$45,000
D12003	Lindenwold Shop Computer Room Back-up HVAC System	\$16,380
D13002	Permanent Power for Cameras & Call Boxes at Haddonfield Station	\$60,200
D14001	Substation Relay Diagnostic Test Equipment	\$55,000
D14002	Refurbish Mainline Switch Machines	\$16,640
D14003	Mainline Track Interlocking Dragging Equipment Detector (DED) Indicator Replacement - Yearly	\$14,500
D14004	Lindenwold Station & Center Tower Air Conditioner Replacement Units	\$71,000
	Subtotal: Way & Power Department	\$1,073,244
	Less: Federal Share	\$0
	Subtotal: DRPA Share - Way & Power Department	\$1,073,244
<i>Equipment Department</i>		
D13003	Replace PLC in existing Niles Wheel Borer	\$66,500
D13005	Purchase a walk behind car mover	\$103,737
D13007	Replace wheel press recorder with recorder/controller	\$36,000
D14005	Purchase Six Sets of Transit Car Batteries - Yearly	\$48,000
D14006	Lindenwold Shop - Replace one (1) ton chain hoist with motorized trolley and controls	\$7,000
D14008	Overhauled Car Shop fit out / support	\$17,500
	Subtotal: Equipment Department	\$278,737
	Less: Federal Share	\$0
	Subtotal: DRPA Share - Equipment Department	\$278,737
<i>Fare Department</i>		
D13008	Haddonfield Coin Parking Lot N-1 Conversion to Freedom Card Only	\$75,000
D14009	Bill Handling Units for Ticket Vending Machines	\$38,847
	Subtotal: Fare Department	\$113,847
	Less: Federal Share	\$0
	Subtotal: DRPA Share - Fare Department	\$113,847
	Grand Total: Schedule D - PATCO	\$1,465,828

Note: Capital Labor cost of \$232,803 are included on Schedule M

**DELAWARE RIVER PORT AUTHORITY
2014 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
<i>Information Services</i>		
T14000	Miscellaneous Hardware and Software - Yearly	\$125,000
T12009	Fare Collection Data Security Upgrade	\$200,000
T13003	6th Floor Reconfiguration	\$180,000
T14001	Data Center Server Replacement	\$100,000
T14002	Audiolog Upgrades	\$90,000
T14003	Data Center Structured Cabling	\$60,000
T14004	UPS Upgrades	\$58,000
TE1302	PATCO Wayside Communications	\$200,000
	Subtotal: Information Services	\$813,000
<i>PATCO</i>		
T13007	Development of Interactive Graphical Information System - Phase 2	\$199,920
T13008	Variable Message System Upgrade/Replacement	\$24,000
T14005	Installation of Cameras for Station Bicycle Racks	\$30,000
T14006	Replacement Ticket Office Terminals	\$50,000
T14007	Replace current 8 port unmanaged switch	\$62,500
T14008	Mobile Ticketing	\$150,000
T13005	Scheduling Apps Software	\$179,500
T14010	Scheduling Software Component	\$165,000
T14009	Informacast Public Notice Alert Software	\$36,000
T12010	Cross Match Upgrade	\$18,592
T14011	Video Integration for New PATCO Cars	\$188,000
	Subtotal: PATCO	\$1,103,512
<i>Public Safety</i>		
T12010	Cross Match Upgrade	\$89,532
	Subtotal: Public Safety	\$89,532
	Grand Total: Technology Projects & Equipment	\$2,056,044

Note: Capital Labor cost of \$103,819 are included on Schedule M

**DELAWARE RIVER PORT AUTHORITY
2014 CAPITAL BUDGET
Schedule V: DRPA Vehicles & Related Equipment**

Project Number	Vehicle/Related Equipment Description	Total Cost
<i>Bridge Operations</i>		
61514	F550 Bucket Truck, WWB	\$127,000
20114	F550 Bucket Truck, BRB	\$127,000
61014	Platform F550 Crew Cab Pick-Up Truck, WWB	\$101,200
43014	Stake Body Truck, BFB	\$55,000
3114	Ford Escape, BFB	\$26,000
41414	Utility Body Truck, BFB	\$50,000
60514	Pick-up Truck CNG, WWB	\$38,000
62214	Pick-up Truck CNG, WWB	\$38,000
63614	Kubota Tractor, BFB	\$39,446
	Subtotal: Bridge Operations	\$601,646
<i>Public Safety</i>		
4414	2014 Police Inceptor AWD	\$36,000
4614	2014 Police Inceptor AWD	\$36,000
4714	2014 Police Inceptor AWD	\$36,000
4814	2014 Police Inceptor AWD	\$36,000
4914	2014 Police Inceptor AWD	\$36,000
5814	2014 Police Inceptor AWD	\$36,000
8314	2014 4 x4 Pickup Truck	\$38,000
	Subtotal: Public Safety	\$254,000
<i>PATCO</i>		
54214	Utility Body Truck	\$45,000
	Subtotal: PATCO	\$45,000
	Grand Totals: Schedule V - DRPA Vehicles & Related Equipment	\$900,646

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program Summary

	DRPA Share Estimated Project Cost (\$000's)*					Total
	2014	2015	2016	2017	2018/Later	
Benjamin Franklin Bridge	\$2,480	\$9,175	\$9,500	\$18,665	\$34,290	\$74,110
Walt Whitman Bridge	\$8,830	\$22,200	\$29,650	\$32,050	\$4,300	\$97,030
Commodore Barry Bridge	\$19,885	\$42,530	\$44,700	\$25,100	\$8,000	\$140,215
Betsy Ross Bridge	\$8,400	\$8,100	\$100	\$1,400	\$8,900	\$26,900
Multi-Bridges or All Facilities	\$5,935	\$4,925	\$3,775	\$7,675	\$8,675	\$30,985
Facility Security	\$790	\$450	\$0	\$5,750	\$23,250	\$30,240
DRPA Other	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Ferry	\$0	\$0	\$0	\$75	\$400	\$475
PATCO	\$89,837	\$68,924	\$59,659	\$30,338	\$26,967	\$275,725
Technology	\$13,713	\$11,644	\$769	\$631	\$400	\$27,157
All Schedules (A, B, D, T, V, and Capital Labor)	\$12,467	\$9,175	\$9,175	\$9,175	\$9,175	\$49,167
Total Capital Program	\$163,337	\$177,123	\$157,328	\$130,859	\$124,357	\$753,004

* Net of Federal/State Funding

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2014
Estimated Project Cost (\$000's)

Project Number	Description	2014	2015	2016	2017	2018/Later	Total
<i>Benjamin Franklin Bridge</i>							
BF1301	Pavement Repairs	\$750					\$750
BF1302	South Walkway Bicycle & Pedestrian Ramp	\$500	\$3,250				\$3,750
BF1402	Emergency Power Improvements	\$375	\$125				\$500
BF1303	4th Street Garage Lead Remediation	\$325					\$325
BF1306	Suspension Cable Inspection/Cable Rehabilitation Design	\$300	\$3,000	\$1,700			\$5,000
BF1401	BFB Priority ROW repairs - Camden 3rd to 4th Street	\$250	\$80				\$330
BF1304	Administration and Annex Buildings - Chiller Replacement	\$200	\$200				\$400
BF1002	5th Street Vehicle Tunnel	\$100	\$100	\$1,560			\$1,760
BF1403	West Side Mitigation Signage Improvements	\$50	\$200	\$600			\$850
BFxxxx	Replace Moveable Barrier		\$1,820	\$1,790	\$1,790	\$1,790	\$7,190
BFxxxx	Administration, Maintenance and Annex Building Roof Replacements		\$500	\$850			\$1,350
BF1201	Masonry Rehabilitation		\$100	\$1,500	\$4,200		\$5,800
BFxxxx	5th Street Realignment		\$50	\$475	\$3,900		\$4,425
BF1202	Tower Expansion Joint Rehabilitation			\$1,000	\$3,000	\$3,000	\$7,000
BFxxxx	Cable Dehumidification			\$500	\$1,500	\$19,500	\$21,500
New Item 14	Pedestrian Walkway Preservation			\$300	\$3,450		\$3,750
BFxxxx	Maintenance Building Rehabilitation			\$300	\$500		\$800
BF0902	Light Duty Vehicle Maintenance Building				\$2,800		\$2,800
BFxxxx	Bridge Deck Resurfacing				\$500	\$10,000	\$10,500
	BFB Projects: Subtotal	\$2,850	\$9,425	\$10,575	\$21,640	\$34,290	\$78,780
	Less: Federal Share	\$370	\$250	\$1,075	\$2,975	\$0	\$4,670
	DRPA Share of Costs	\$2,480	\$9,175	\$9,500	\$18,665	\$34,290	\$74,110
<i>Walt Whitman Bridge</i>							
WB0702	Redeck Suspended Span and Anchorage Spans - Design & Construction	\$3,000					\$3,000
WB1101	Toll Plaza Rehabilitation	\$2,000	\$650				\$2,650
WB0901	Dehumidify Anchorages	\$1,780					\$1,780
WB1401	NJ Approach Substructure Rehabilitation	\$850	\$1,900				\$2,750
WB1301	Deleading and Repainting - Phase 3 (Suspended Span, Towers & Anchorages)	\$500	\$18,500	\$26,000	\$24,000	\$2,000	\$71,000
WB1303	Replace Boilers	\$400					\$400
WB1402	Emergency Generator at NJ Anchorage	\$200	\$500				\$700
WB1304	Heavy Duty Vehicle Repair Shop	\$100	\$400				\$500
WBxxxx	Sign Gantry Rehabilitation (Approach Spans)		\$250	\$2,750			\$3,000
WBxxxx	PA Approach Overpass Structural Rehabilitation			\$500	\$4,500		\$5,000
WB1302	Replacement of PA VMS Boards			\$400	\$3,550	\$2,300	\$6,250
	WWB Projects: Subtotal	\$8,830	\$22,200	\$29,650	\$32,050	\$4,300	\$97,030
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$8,830	\$22,200	\$29,650	\$32,050	\$4,300	\$97,030

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2014
Estimated Project Cost (\$000's)

Project Number	Description	2014	2015	2016	2017	2018/Later	Total
<i>Commodore Barry Bridge</i>							
CB1203	Deleading and Repainting	\$16,000	\$35,000	\$40,000	\$25,000	\$5,000	\$121,000
CB0908	Gantry Power Feeder Replacement	\$2,000	\$1,000				\$3,000
CB1402	Administration Complex Switchgear Replacement	\$670	\$330				\$1,000
CB1401	Bridge Deck Repairs	\$400	\$600				\$1,000
CB1204	Roof Replacements	\$365					\$365
CB1301	NJ Approach Roadway Resurfacing	\$250	\$2,100				\$2,350
CB1302	Structural Rehabilitation - Phase II	\$200	\$3,500	\$4,200			\$7,900
CB1002	Vehicle Storage Building Expansion			\$500			\$500
CBxxxx	Install NJ Variable Messaging Signs				\$100	\$3,000	\$3,100
	CBB Projects: Subtotal	\$19,885	\$42,530	\$44,700	\$25,100	\$8,000	\$140,215
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$19,885	\$42,530	\$44,700	\$25,100	\$8,000	\$140,215
<i>Betsy Ross Bridge</i>							
RB1001	Bridge Resurfacing	\$8,400	\$8,100				\$16,500
New Item 14	Pennsylvania Approach Ramps		\$125	\$125	\$125	\$125	\$500
RBxxxx	Richmond Street Substation			\$100	\$400		\$500
RBxxxx	NJ Approach Roadway Resurfacing				\$1,000	\$8,900	\$9,900
	BRB Projects: Subtotal	\$8,400	\$8,225	\$225	\$1,525	\$9,025	\$27,400
	Less: State Share	\$0	\$125	\$125	\$125	\$125	\$500
	DRPA Share of Costs	\$8,400	\$8,100	\$100	\$1,400	\$8,900	\$26,900
<i>Multi - or All Bridges</i>							
Yearly	General Engineering Consulting Services (GEC)	\$1,875	\$1,875	\$1,875	\$1,875	\$1,875	\$9,375
AB1301	DRPA Truck Permit Program	\$1,500	\$800				\$2,300
Yearly	Program Management for Capital Projects	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000
AB1001	PATCO Outbound Survey and Topographic Study	\$950	\$700				\$1,650
AB20xx	Rehabilitation Work Due to Biennial Inspections - Yearly	\$300	\$300	\$300	\$300	\$300	\$1,500
AB1104	Standpipe System Rehabilitation - BFB/WWB	\$300	\$100	\$0	\$4,200	\$5,500	\$10,100
AB1102	New Toll Plaza Canopy Signs - WWB/BFB	\$10					\$10
AB1401	Electronic and Roadway Signing Improvements - All Bridges		\$150	\$600	\$300		\$1,050
	Multi - or All Bridges Projects: Subtotal	\$5,935	\$4,925	\$3,775	\$7,675	\$8,675	\$30,985
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$5,935	\$4,925	\$3,775	\$7,675	\$8,675	\$30,985
<i>Facility Security</i>							
PD1402	CBB Security Fence Installation	\$440					\$440
PD1201	BFB Pedestrian Walkway Cameras & Call Stations	\$200					\$200
PD1403	Security Gates - CBB, BFB, BRB	\$100	\$100				\$200
PD1401	BRB Property Fence Replacement and Expansion	\$50	\$350				\$400
WBxxxx	Bridge Hardening - WWB				\$5,000	\$20,000	\$25,000
PDxxxx	Interlocking Security Cameras				\$750	\$3,250	\$4,000
	Facility Security Projects: Subtotal	\$790	\$450	\$0	\$5,750	\$23,250	\$30,240
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$790	\$450	\$0	\$5,750	\$23,250	\$30,240

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2014
Estimated Project Cost (\$000's)

Project Number	Description	2014	2015	2016	2017	2018/Later	Total
<i>DRPA Other</i>							
OP1201	Backup Generator for OPC 6th Floor Data Center	\$350					\$350
OP1302	Admiral Wilson Boulevard Remediation and Construction	\$350					\$350
OP1301	OPC Condenser Water Heat Exchanger Replacement	\$300					\$300
	DRPA Other: Subtotal	\$1,000	\$0	\$0	\$0	\$0	\$1,000
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$1,000	\$0	\$0	\$0	\$0	\$1,000
<i>Ferry</i>							
Pxxxx	Dry Dock Inspection				\$75	\$400	\$475
	Ferry: Subtotal	\$0	\$0	\$0	\$75	\$400	\$475
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$0	\$0	\$0	\$75	\$400	\$475
<i>PATCO - DRPA Funded</i>							
PF1010	Track Rehabilitation Across the BFB	\$70,000	\$36,500				\$106,500
PD0918	Replace Escalators @ Woodcrest, 12/13th & Locust, & 15/16th & Locust Stations	\$2,800					\$2,800
PF1301	Ferry & Collingswood Parking Lots	\$2,500					\$2,500
PD1404	Rebuild Transit Car Trucks - Yearly	\$1,323	\$1,323	\$1,323	\$1,323	\$1,323	\$6,615
PD1406	Traction Motor Rebuilds - Yearly	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000
PD0909	Rehabilitation of Ventilation Vaults	\$1,000					\$1,000
PD1304	Procure and Install Computer Based Maintenance Management System (CBMMS)	\$750	\$750				\$1,500
PD0915	Wayside Improvements	\$600	\$1,400				\$2,000
PD1204	Replace Transformers at Electrical Substations - Phase 2	\$500	\$1,825				\$2,325
PD0905	PATCO Power Cable and Pole Line Replacement	\$500					\$500
PD1405	PATCO Track Circuit Modifications Design and Oversight	\$500					\$500
PD1306	Emergency Generator Replacement at Lindenwold Shop	\$300	\$300				\$600
PD1408	Car Wash Computer System Upgrade	\$210					\$210
PD1305	VMS Sign Replacement	\$200	\$317				\$517
PD1107	Track Utility Vehicle Purchase, PATCO Equipment	\$100	\$1,250	\$1,250			\$2,600
PD0806	Upgrade DC Power for Lindenwold Shop & Yard	\$100	\$400				\$500
PD1005	Shop Annex Building	\$100					\$100
PD1407	Energy Storage System - Regenerative Braking		\$250	\$1,250			\$1,500
PD1303	Replace Transformers at Electrical Substations - Phase 3		\$200	\$850			\$1,050
PD1205	Rehabilitation of Track Structure on Viaduct at Westmont			\$3,500	\$5,500	\$5,500	\$14,500
PDxxxx	Substation Equipment Replacement Program			\$500	\$3,000	\$2,500	\$6,000
PD17xx	Rehabilitate M&W Building, Lindenwold Yard				\$850		\$850
PDxxxx	Subway Structure Renovation				\$700	\$4,300	\$5,000
PD0913	Walter Rand Transportation Center Reconfiguration				\$550		\$550
PD15xx	Concourse Improvements - Walter Rand Concourse Improvements				\$525		\$525
PD0916	Design & Construct Covered Storage Area				\$350	\$150	\$500
	PATCO - DRPA Funded: Subtotal	\$82,483	\$45,515	\$9,673	\$13,798	\$14,773	\$166,242
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$82,483	\$45,515	\$9,673	\$13,798	\$14,773	\$166,242

DELAWARE RIVER PORT AUTHORITY
Five Year Capital Program
As of 1/1/2014
Estimated Project Cost (\$000's)

Project Number	Description	2014	2015	2016	2017	2018/Later	Total
<i>PATCO - DRPA/FTA Funded</i>							
PF0503	Rehabilitation of Fleet	\$33,000	\$55,000	\$60,000			\$148,000
PF1201	Install Elevators in Remaining Stations	\$930	\$930	\$8,500	\$8,500		\$18,860
PF1302	Upgrade Center Tower SCADA Software	\$500	\$2,500	\$1,200			\$4,200
PF1202	Lindenwold Yard Track Rehabilitation & Lindenwold Viaduct	\$500	\$500	\$11,800	\$14,500	\$15,200	\$42,500
PF1401	Transit Enhancements - Yearly	\$338	\$52	\$52	\$52	\$52	\$546
PF9903	Embankment Restoration, Drainage Improvements, & Retaining Walls Rehab.	\$300	\$500	\$5,500	\$1,250		\$7,550
PF1002	Replace 13.2 kv Cable & Conduit on BFB for 302 Conduit	\$300					\$300
PF1001	Smoke & Fire Control, Forced Air Ventilation Study	\$300					\$300
PF0910	Fence Replacement	\$250	\$750				\$1,000
PF1303	Track Upgrade - Material	\$200					\$200
PF0909	Lindenwold Yard Diamond Crossover	\$100					\$100
PD0910	Elevators at 9/10th & Locust St. and Ferry Avenue Station	\$50					\$50
PFxxxx	Replace Electrical Cables in Subways			\$500	\$3,000	\$6,000	\$9,500
New Item 14	Center Tower/Command & Control Center Relocation to Lindenwold Shop			\$100	\$1,530	\$820	\$2,450
	PATCO - DRPA/FTA Funded: Subtotal	\$36,768	\$60,232	\$87,652	\$28,832	\$22,072	\$235,556
	Less: Federal Share	\$29,414	\$36,823	\$37,666	\$12,292	\$9,878	\$126,073
	DRPA Share of Costs	\$7,354	\$23,409	\$49,986	\$16,540	\$12,194	\$109,483
<i>Technology</i>							
TE0702	Enterprise Resource Planning System	\$7,000	\$8,000				\$15,000
TE1301	Toll System Equipment Upgrade for all Facilities	\$704					\$704
TE1401	PATCO Camera Upgrades	\$578					\$578
TE1405	Litigation Tracking/Case Management System	\$520					\$520
TE1304	Disaster Recovery Buildout - CBB	\$510					\$510
TE1404	Network Rewiring of all AFC equipment in stations	\$500	\$1,000				\$1,500
TE1308	WAN Equipment	\$400					\$400
TE1002	Electronic Records Management Software	\$375					\$375
TE1305	In-Car Video - Wireless Version	\$350					\$350
TE1204	Upgrade of Nextfare Automated Fare Collection and CPA Payment Software	\$300	\$1,000				\$1,300
TE1402	E-Z Pass Transponders - Mark IV E-Z Pass Transponders - Yearly	\$300	\$400	\$400	\$400	\$400	\$1,900
TE1307	Tri-Reader 3 upgrade for PATCO Ticket Vending Machines	\$300					\$300
PD1105	PATCO Upgrade of Single Board Computers (SBCs) in AFC Gates and TVMs	\$294					\$294
TE1403	Storage and Backup Upgrades	\$250					\$250
TE1203	800MHz Replacement/Upgrade	\$231	\$231	\$231	\$231		\$924
TE1309	TVM Upgrade/Pilot Bill Recycler Unit with 28" Screen	\$228					\$228
T12007	Fuel Management System Upgrade	\$217					\$217
TE1303	OPC to BFB Camden Anchorage Fiber	\$200	\$500				\$700
TE1306	EV1 AFC System Configuration Change	\$168					\$168
TE1205	Automated Fare Collection Monitoring System w/Parking System Monitoring	\$150	\$375				\$525
TE0902	Authority Copier & Printer Replacement	\$138	\$138	\$138			\$414
	Technology: Subtotal	\$13,713	\$11,644	\$769	\$631	\$400	\$27,157
	Less: Federal Share	\$0	\$0	\$0	\$0	\$0	\$0
	DRPA Share of Costs	\$13,713	\$11,644	\$769	\$631	\$400	\$27,157
<i>Miscellaneous Schedules and Capital Labor</i>							
	Schedule A: DRPA Miscellaneous Projects	\$862	\$400	\$400	\$400	\$400	\$2,462
	Schedule B: Furniture & Fixtures	\$282	\$200	\$200	\$200	\$200	\$1,082
	Schedule D: PATCO Miscellaneous Projects and Equipment	\$1,466	\$600	\$600	\$600	\$600	\$3,866
	Schedule T: Technology Projects and Equipment	\$2,056	\$400	\$400	\$400	\$400	\$3,656
	Schedule V: Vehicle and Vehicle Related Equipment	\$901	\$875	\$875	\$875	\$875	\$4,401
	Capital Labor	\$6,900	\$6,700	\$6,700	\$6,700	\$6,700	\$33,700
	Total DRPA Capital Program	\$163,337	\$177,123	\$157,328	\$130,859	\$124,357	\$753,004