

**Engineering Status Report**

#	Project	Job Number	Progress to Date	Percent Complete	Issues	Planned Activities	Project Manager
<b>Completed Projects/Hold Projects</b>							
	Gateway Tunnel Phase Two (11-157-23)	99-198-01	Lighting Complete Duct work complete Tunnel leak repairs in process Design in process for ventilation	<b>100%</b>	Gateway needs to compete leakage-DIMEO considers project closed	continue to fix tunnel leaks advertise final ventilation phase	Seb A Gholamali Moslehi (SA /GJM)
<b>Street Lighting Projects</b>							
	Street lighting commodity bid	13-128-01	out to bid involves 2000 lights	<b>10%</b>		receive bids	SA
	University place lighting replacement	13-129-01	LED Lighting Poles & Luminaires Installation Complete	<b>100%</b>		\$17,560.00 - King Luminaire (Poles) \$12,800 - Sunderland (removal & installation)	SA
	Church Street tunnel lighting	13-116-01	Installation In Progress	<b>80%</b>	LED Fixtures need to be lowered to produce more lighting.		SA/GZ
	Pitkin Tunnel lighting	13-097-01	In Design Stage	<b>40%</b>			SA/GZ
<b>General Engineering Issues</b>							
	Municipal Electric/HVAC Calls	09-079-01	DPW Issues Pitkin /Church Street Tunnel Sump Pumps inspections, Lighting and Other Electrical Issues, Central & Refuse Garage HVAC Systems, City wide Electrical Phelps Triangle Park Electric Service..	On Going	DPW/Parks/Fire		SA
	Church /Chapel Street Tunnel Pump Vault and Pipe Repairs.	13-148-01	Project is located in Church Street Tunnel OMNI Loop. There are two broken 6 inch cast iron pipes one for the fire hydrant and the other for the sump pump discharge line. Blakeslee the contractor on the job excavated above the pump room in the street corner of Church and Chapel streets. Located the broken pipes, contacted RWA to meet with the City and work on repairing the breaks..	<b>60%</b>	Blakeslee performing the job on Time and Material Bases. Sump Pump Discharge pie is fixed and camera scoped. Fire Hydrant Pipe located waiting for RWA to turn curb side valve on to locate the break.	Time and Material not to exceed \$4,8080.64	SA
	Chapel Street Tunnel OMNI Loop Ventilation Rehab Engineering Study	13-165-01	HP Engineering is working on the project to come up with a solution	<b>30%</b>	Because of the complexity of the project and likely costly resolution, HP Engineering is looking at proposing a short tem fix as well as a long term solution to the odor problem in the OMNI loop portion of the tunnel.	\$4,800	SA

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<b>Road Projects/Complete Streets</b>							
3	Ramsdell/Fountain Sts. Improvements (08-141-01)	08-141-01	Project complete and closing out	<b>100%</b>	Signalization complete	Awaiting final transfer from CT Transit to pay contractor	Ronald Coens (RC)
27	Speed Humps also see sidewalks	13-094-01	see Project No. 13-094-01	<b>0%</b>	Requires Resource Committee approvals	Speed humps for Front. Plymouth. Exchange, and Lawncrest installed	RC
42	Cold Spring/Mitchell Dr Traffic Calming (12-079-01)	12-079-01	Design rejected by T&P	<b>90%</b>	Suggest doing this in sections	Re design over winter	RC
40	Whalley Av/Blvd Design (Westville) (12-104-01)	12-104-01	Design 90 % complete		Funding approved by state at \$437,027 needs to be detailed	RE: funding and requirements	RC
<b>Sidewalks/Curbing</b>							
	2013 Sidewalk and Complete Street work	13-094-01	contract awarded to Laydon for \$604,305 Notice to proceed on July1 2013	<b>0%</b>	new sidewalks to be approved by Resource committee	Bus shelter pad for T&P at Lamberton and Howard complete. Begun curb and sidewalk work on Fairfield starting at Dayton	RC
	2014 Sidewalk program	13-135-01	Bids opened	<b>0%</b>	new sidewalks to be approved by Resource committee	Awaiting final contract signing and award to Laydon Industries-\$801,000	RC
23	Farmington Canal Phase IV (07-183-02)		designed by Milone & MacBroom 90% complete. Reviewed	<b>90%</b>	Yale has given us a letter that completes the agreement participation after this work this may affect this project	Expect to be bid with alternatives	City Plan/LS/RC
	Downtown village sidewalk repairs	13-136-01	Issues developed	<b>0%</b>	Funds withdrawn by DPW and Business Development	On hold due to lack of funding	RC/RHM
<b>Drainage and Catch Basins</b>							
13	Catch Basin Repairs (11-109-01)	11-109 01	repairs being done based on work orders		this contract is closed out		RC
<b>Flood and Erosion/Drainage</b>							
	(c) localized Drainage)	13-73-01	Contract advertised for bids	<b>0%</b>		Bids open 5 November 2013	RC/JK
<b>Downtown Bike Lanes</b>							
	In conjunction with T&P-Bike lanes for Elm Street and Gateway area.			<b>25%</b>		Assembling cost estimates	RC/T&P

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<b>MS4</b>							
1	Stormwater Permit	02-179-01	On-going	N/A	Stormwater management plan and ordinances dependent on formation of Stormwater Authority. Plans are inaccurate and need updating	Annual report due Dec 2013. Plan updating as time permits	IEJ
2	Routine catch basin cleaning	13-093-01	On-going	8%		Continues till snow falls	IEJ
3	Emergency catch basin cleaning	13-093-01	On-going	N/A	Contractor has been slow to do this work. Backlog now cleared.	Continues as required	IEJ
4	Annual water testing	13-134-05	Contract in place	0%	Deadline for tests has passed due to dry weather		IEJ
<b>Facilities</b>							
5	Wintergreen of Westville	13-088-01	On-going	N/A		Contractor about to dredge channel per Army Corps requirements	IEJ
<b>General Environmental.</b>							
6	UST Registration Renewal	13-147-05	Electronic filing is required. DPW have been advised on all the items they need to attend to	-	DPW have not undertaken required training		IEJ
7	Annual Water Testing DPW	13-170-05	Contract in place	0%	Deadline for tests has passed due to dry weather		IEJ
8	Annual Water Testing Refuse Veh	13-171-05	Contract in place	0%	Deadline for tests has passed due to dry weather		IEJ
9	Annual Water Testing Transfer Stn	13-172.05	Contract in place	0%	Deadline for tests has passed due to dry weather. DEEP have an issue with prior poor results and may require additional permitting / oversight		IEJ
10	Stormwater Inspections	13-162-05		50%	Poor cleanliness at DPW and T. Stn	Bi-ennial inspections due in November	IEJ
11	Transfer Stn Permit to Operate	13-082-05	Anchor Engineering have prepared documentation. DPW to submit on behalf of NHSWRA	95%			IEJ

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<b>Completed Projects/Hold Projects</b>							
	Quinnipiac Phase One (92-585)	99-198-01	Project Complete	<b>100%</b>	Close Out	Await Final Audit	Peter L (PL)
	Quinnipiac Phase Two (92-641)	09-104-01	Project Complete	<b>100%</b>	Close Out	Await Final Audit	PL
<b>Road Projects/Complete Streets</b>							
	Waterfront Street (92-541)	95-102-01	Contractor installing drainage. RWA to install new water main	<b>60%</b>	All design issues completed	In construction - Drainage complete, U.D. and G.S.C. being installed, RWA installing new water main, paving Waterfront Connector to P.S.E.G. this constriction season and rail spurs to be installed next spring.	PL
	Davenport, Dixwell & Grand Pavement Rehabilitation (92-656)	09-085-01	Project complete	<b>95%</b>	Close Out	Final close out issues and await final audit	PL
	Howard Avenue Pavement Rehab	11-105-01	Project in final design	<b>10%</b>	DOT has reviewed this project and has determined that it can move forward. The problem is that the State has authorized a fund to replace the STP program for local communities through the Regional Planning agencies. Need funding rules from SCRCOG/DOT and City/State agreement.	Work on the design	PL
	Ramsdell Street Reconstruction		City notified that the project will be funded	<b>0%</b>	Waiting for project approvals	Await Agreements etc.	
	Forbes Avenue driveway to Hyundai	13-115-21	Contract awarded to Laydon Industries	<b>0%</b>	ConnDOT District III giving City and Laydon problems regarding oermit, schedule and cold weather work.	Monitor construction	PL
	Plan Reviews (12-025-02/12-010-01)	12-025-02	Ongoing				PL

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	Main Library (10-166-04)	10-166-04	Phase II Roof design awarded to Titan Enterprises - Complete Phase III approved for funding by State	<b>100%</b>	Bid Docs complted, out to bid	Out to Bid Waiting for bids	Bill MacMullen-(WM)
	Fire Station Modifications (08-183-12) (a) Whitney (b) Howard Avenue (c) E. Grand (d) Ellsworth	08-183-12	Whitney Boiler replacement-\$6000 Howard Ave Boiler--\$137,000 Ellsworth HVAC-\$127,000 E-Grand Misc \$6,000	<b>100%</b>	COMPLETED	Project close out	WM
	Hdqtrs Grand Ave Fire Station	09-202-12	Heating and cooling	<b>100%</b>	COMPLETED	close out	wm
<b>Facilities</b>							
	Fire Academy Roof replacement		In design	<b>20%</b>	Bid awarded	to be completed by June 1	WM
	Ives Library Phase II	13-063-04	Out to Bid	<b>20%</b>	Out to bid awaiting results	to be completed by June 1	WM
	Stetson Branch Lib Roof replacement	13-064-04		<b>50%</b>	In Design have system identified	To be completed by May 15	WM
	Mitchell Library Parking lot repairs	13-118-04	curbing is deteriorating	<b>50%</b>	In Construction Oct 1	to be completed by Dec. 1	WM
	Lighthouse Carousel (13-102-09)	13-102-09	concrete work bid/Titan Enterprises low bidder - Floor complete insurance coverage	<b>98%</b>	Funded by FEMA	Completed submitted for payment reimbursement	WM
	Light House Keeper building repairs	13-102-09	In Construction Oct. 2	<b>20%</b>	Funded by FEMA	In construction Oct. 2	WM
	Atwater Senior Center roof	12-155-09	In construction Sept 28	<b>75%</b>	Roof repaired interior modifications underway	In construction Oct. 2	WM
	Goffe Street Armory (09-211-23)	09-211-23	letter sent to State to fund repairs; temporary repairs completed (1) Parapets (2) Heating HVAC (3) ADA Upgrades BOA approved the grants Submitted HRF Grant Application Received SHPO grant	<b>20%</b>	Bid Documents approved by State, out to bid Nov. 15	Out to bid Nov. 15	WM
	Wintergreen Reserve Ctr (11-149-11)	11-149-11	City took possession	<b>10%</b>	Firing Range 1st Priority	Design complete RFP out for Environmental and HVAC Consultants	WM
	Dixwell Q House Study (12-193-01)	12-193-01	Project awarded to Zared	<b>0%</b>	In process, Public Hearing Scheduled	Contract in process	WM
	Coogan Pavilion Fire Damage/Replacement	13-167-09	temporary roof repaired	<b>20%</b>	Specs completed, drawings completed Nov. 7	To be bid Nov. 13	WM
	Youth Svcs Facility Study (12-185-01)	12-185-01	Project awarded to DTC Contract executed	<b>20%</b>	Committee mtgs still in progress	In process	WM
	Ft. Nathan Hale/Defender Panels	13-173-09	need to verify thickness		Platform completed	Install Nov. 11	WM
	Nathan Hale Park Pavilion Repairs	13-174-09	Design complete	<b>20%</b>	Scope of work completed, and construction to begin Oct. 10		WM
	State Street Ice Rink Alterations	13-175-09	Parks Dept. Project	<b>10%</b>	Concept approved , In design phase	To be bid out Mid-April	WM

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11/8/2013

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	Parks Dept. Repair Bldg Roof Replacement	13-176-09	Parks Dept. Project	<b>60%</b>	Bid awarded	Bid Awarded	WM
	Glass Block in Carousel	13-177-09	Parks Dept. Project	<b>100%</b>	Completed, Project close out		WM
	Parks Dept Admin Roof repairs	13-178-09	Parks Dept. Project	<b>20%</b>	Scope Completed	Work to begin Oct 9	WM
	Parks Dept. Admin Barn, (Historic)	13-179-09	Parks Dept. Project	<b>20%</b>	Scope Completed	Work to begin Oct. 15	WM
	East Shore Park Ice Rink Demolition of Mech. Bld'g	13-180-09	Parks Dept. Project	<b>20%</b>	Scope Completed	Work starts TBD	WM
	Fort Hale Park Hist. Pavilion Design	13-181-09	Parks Dept. Project	<b>10%</b>	Design started	Status TBD	WM
	Ives Library Business Corridor Phase 3	13-182-04	Library Board of Directors Approved Design Concept	<b>30%</b>	In design phase	To be bid out in Spring '14	WM
	Ives Library Children's Areas	13-183-04	In design	<b>10%</b>	Programming Begun, Design Phase	To be bid out Spring '14	WM
	East Grand Ave Basement renovations and repairs	13-184-12	Punchlist Phase	<b>100%</b>	COMPLETED	Project close out	WM
	Fountain Street Fire Station Basement renovations & repairs	13-185-12	Scope approved	<b>20%</b>	In Construction	To be completed Nov. 15	WM
	Lombard Street Fire Station Gen Repairs	13-186-12	Scope Approved	<b>20%</b>	In Construction	To be completed Nov. 15	WM
	Whitney Avenue Fire Station Parapet Repairs	13-187-12	Completed	<b>100%</b>	COMPLETED	Project Close out	WM
	Atwater Senior Center Repairs	13-188-09	Scope Approved	<b>60%</b>	In construction	To be completed by Nov. 20	WM
	Ives Library Emergency Generator Installation	13-189-04	Generator delivered	<b>95%</b>	Crane to place on roof	November 16 completion target	WM
	Fair Haven Library entry and curb repairs		Completed	<b>100%</b>	Completed close out		WM

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	Gateway Tunnel Phase Two (11-157-23)	99-198-01	Lighting Complete Duct work complete Tunnel leak repairs in process Design in process for ventilation	<b>100%</b>	Gateway needs to compete leakage-DIMEO considers project closed	continue to fix tunnel leaks advertise final ventilation phase	Seb A Gholamali Moslehi (SA /GJM)
<b>Bridges</b>							
	On Call Structural Engineering Services for various projects	12-188-01	Contract for technical services executed with SZS	<b>25%</b>	Church St Tunnel Leak Injection Church St Tunnel Air Intake Shoring plan for DPW Maintenance Garage		GJM
	Grand Av Bridge ov. Quinnipiac River (09-091-05)	09-091-05	Scope of work finally approved by CTDOT; hrly est. forwarded to DOT	<b>10%</b>	Latest issue revolves around DBE requirements	Resolve DBE	GJM
	George Street bridge and ventilation Design	12-113-01	Ind Design with SZS	<b>85%</b>	33% state funding	complete design	GJM
	State Street Bridge ov. Mill River (09-101-01)	09-101-01	Completed the pile driving on the West abutment and working in footing	<b>45%</b>	Major issue exists with the contamination on the dewatering the west side abutment work halted until a resolution is determined; Mtg held 10/21; cost for CO \$4M between DOT & Contractor water pressure boiling up around test pile settlement issues	Work is progressing to set footing for West abutment East abutment will have Mini piles	State /GJM
	East Rock Rd Bridge ov. Mill River (08-117-01) Design; (12-175-01) Construction	12-175-01	Received bids - Rotha Construction @ \$2,114,659.20 (low) Contract awarded; Contract started April 27-Bridge sections removed	<b>15%</b>	Cracked face plate needs to be replaced	Bridge section is being prepared for reinstall off site	GJM
	Crown Street Bridge (12-114-01)	12-114-01	Interviews conducted - AI Engineers selected; Held assignment mtg; Proposal received	<b>0%</b>	DOT has indicated an increase in Local bridge participation. Looking at this effort being applied to this bridge	Preliminary application has been approved; Agreement with AI Engineers for signature Design started	GJM
	Solomon Crossing (11-139-01)	11-139-01 13-114-01	ON HOLD	<b>0%</b>	HANH requests deletion of road bridge in favor of pedestrian access. Needs PDU revision	Received Concept proposal fro a pedestrian bridge	LS
	Rehabilitation of Wilmot Rd. Bridge over Wintergreen Brook (11-162-01)	11-162-01	Preliminary Application under Local Bridge Program was sent to CTDOT on 12-23-2011 project eligible Received grant approval @ 80% Contract agreement for BL Companies approved by CTDOT	<b>5%</b>		surveys	GJM

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	Brookside Bridge (11-093-01)	11-093-01	MOA with WPCA & HANH submitted to BOA (12/19); Award contract to Anchor for Brookside Avenue Bridge Design complete; enabling work completed - received DOT approval to advertise	<u>95%</u>	DOT has indicated an increase in Local bridge participation. Looking at this effort being applied to this bridge	Advertise Project next week; Received Grant approval from State for 33% of cost-addressing	GJM
	Brookside Bridge construction	13-123-01	Design almost complete funding in place, \$400,000 fm HANH, \$473,000 State,\$382,000 local	<u>0%</u>		to be advertised	GJM/LS
	On Call Engineering Services for Movable Bridges (Hardesty & Hanover)	13-131-05	Services as needed	<u>0%</u>	Maintenance	as needed	GJM
	On Call Mechanical Services for Movable Bridges (Blakeslee, Arpaia, Chapman)	13-132-05	Services as needed	<u>0%</u>	Maintenance	as needed	GJM
	On Call Electrical Services for Movable Bridges (Schulz)	13-133-05	Services as needed	<u>0%</u>	Maintenance	as needed	GJM
<b>Flood and Erosion/Drainage</b>							
	Brewery Square Seawall (11-133-01)	11-133-01	applied for hazard mitigation grant-rec'd high rank-DENIED COP received from the State	<u>10%</u>	Looking for additional funding, budget reduced to \$500K; cost est. \$800K	Funding through HUD a possibility; <i>NO CHANGE</i>	GJM/LS

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	Fuel Cell (10-160-01)	10-160-01	Complete/initial study shows savings	<u>100%</u>	optimize settings Study to utilize low grade heat	Move towards design of low grade heat recovery - look into selling energy credits	Peter SHM (HPS)
	NHPD-TASKA room expansion-#1 Union Ave		Design Stage	<u>10%</u>	Relocate int. walls/expand room for more seating per Esserman	Explore feasibility/costs	HPS
<b>Facilities</b>							
	UI Vault project - 200 Orange Street		Pre-construction Phase	<u>0%</u>	Start date not available	Remove existing vault/Install new w/utilities	HPS
	NHPD substation re-roofing Hallock Street	13-109-23	Punch list satge	<u>95%</u>	Factory Warrenties needed.	Punch-list stage	HPS
	On Call Carpentry (13-085-23)	13-085-23	Tri-State - \$15K	<u>50%</u>	On call services - call as needed	Peter to task	HPS
	On Call Plumbing (13-084-23)	13-084-23	Superior - \$15K	<u>50%</u>	On call services - call as needed	Peter to task	HPS
	OR&L contract	12-126-23	maintenance items include bathroom sinks;sidewalks,roof repairs at Edgewood and Winchester	<u>50%</u>	Misc. int/ext. projects underway @ #1 Union & sub-stations	work in process	HPS
	Fusco Contract at Gov Center	12-136-23	General projects include EMS replacement; Fire alarm replacement	<u>50%</u>	Misc. int/ext. projects underway at 200 Orange Street/165 Church Street	work in progress	HPS
<b>Government Center Projects</b>							
	Chase Thermal Energy Renewal Contract	13-111-23	Draft agreement developed	<u>80%</u>	Submitted to BOA for approval - Meeting w/Chase 11-8-13	Continue with negotiations	LS/HPS
	WW II Memorial - 165 Church Street	13-200-23	Construction Phase	<u>20%</u>	Requested by the Mayor's office	Work in progress	HPS
	165 Church St. S. Entry Roof Replacement	13-108-23	Identified failed areas @ City Hall	<u>75%</u>	Construction Phase/work in progress	Flashings being installed	HPS
	200 Orange Street - T&P renovantions/space planning	13-110-23	Architect brought in to evaluate space needs	<u>10%</u>	Need to evaluate impact/relocate ROV	Peter to task	HPS
	200 Orange Street -IT Renovations	13-199-23	Architect brought in to evaluate space needs	<u>10%</u>	Floor plan and budget being developed	Peter to task	HPS
<b>Flood and Erosion/Drainage</b>							
	Long Wharf Pier Repairs (12-164-01)	13-127-01	Project has been advertised and a required site visit held	<u>35%</u>	Forming and pouring concrete -south and north sides of the pier edge of	Work continues as weather permits	HPS
	Storm Irene Related Projects Long Wharf Pier (11-134-01)	11-134-01	Identified several projects and reviewed with FEMA; submitted detail on request Long Wharf floating dock and plumbing re-installed/electrical finishing design on Wintergreen Culvert-bid received -\$164K (Giordano) - complete Received COP for Long Wharf	<u>100%</u>	controller directed funds to be used from existing capital - Storm Sandy needs to be separate from Irene, this affects bidding documents	Work on specs for Long Wharf Pier	RHM/LS/GZ/HPS

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	Transfer Station Treatment Plant (07-112-05)	07-112-05	System complete; system activated as of Sept. 20	<b>100%</b>	need continuous maintenance	Project Complete Giovanni monitoring. DEEP permit expires 10/31/2013. Permit renewal due 2/1/2013	Giovanni Z (GZ)
<b>Facilities</b>							
	Incinerator Tear Down (08-168-05)	08-168-05	Bids received low bidder @ \$358,650. - Standard Demo Rec'd approval from NSWRA to award	<b>10%</b>	New DEEP requirement for PCB testing of paint - PCBs found in the paint.	PCBs were found in the paint, but not in the substrate. Sandblasting has been tested as an effective removal tool. Awaiting pricing on the PCB contaminated paint removal.	GZ
<b>Street Lighting Projects</b>							
	Street Lighting (12-056-01)	12-156-01	(h) initiated contract for bidding; went through BOA for agreement with UI 247 LED Lights installed	<b>100%</b>	(h) LED Updates	Complete	GZ
	Lighting fee Changes by UI		Mtg held with outside counsel; ltr drafted; mtg held w/UI, UI proposed decrease in Rate U	<b>50%</b>	PURA decided that UI decreased the rate too much. PURA will approve a smaller rate decrease.	Need advisement from outside counsel as to next steps. Potentially engage UI in long-term identification of ways to decrease cost of service	GZ
	LED Street lighting retrofit	13-124-01	1500 Lights Delivered; 550 installed	<b>20%</b>	None	Continue installation in Newhallville/Dixwell/Dwight/Hill corridor	GZ
	Church Street tunnel lighting	13-116-01	Install 27 new LED fixtures	<b>100%</b>	Mounting heights needed adjustment due to utility crowding in tunnel and different fixture sizes	Project Complete	SA/GZ
	Pitkin Tunnel lighting	13-097-01	In design; Ceiling mounted fixture selected, searching for wall-mounted fixture	<b>5%</b>	Need to identify funding once design is complete.	Completed Design. Bid for fixture, use SBI for installation once funding is identified.	SA/GZ