

City of Dover



New Hampshire

Police and Parking Garage Facility Construction Project

PROGRESS UPDATE

August 2015

Construction of the new Dover Police Headquarters and Public Parking Garage is significantly underway. The Police and Parking Garage Facility Building Committee continues to oversee the administration of both design and construction. City project representative Captain Bill Breault oversees the daily progress and continues to be the city's liaison with both Lavalle Brensinger Architects as well as Harvey Construction.

Design of the project began in August of 2013 with Phase I of construction beginning in September of 2014. Phase I included the completion of removing trees and grass islands from the existing lot, relocation of underground utilities, and the construction of the newly designed Orchard Street. Phase I of construction concluded in the end of November, one month ahead of schedule. Phase II of construction began in December, a month ahead of schedule. Phase II included the driving of vertical excavation support sheet piling, bulk excavation of the site, installation of building support piles, installation of the footing and foundation systems for both the police structure as well as the garage structure, the erection of the steel frame of the police building, the installation of underground plumbing, sewer and drainage for both buildings, and the construction of a masonry firewall that will separate the police facility from the parking garage. The time saved in the Phase I schedule has allowed the project to stay on track even with setbacks caused by the difficult winter weather.

Communication with residents and businesses affected by construction has been and continues to be a priority of the project team. In addition to the regular visits with various businesses and residential groups, Captain Breault and Jim Klemarczyk, construction superintendent for Harvey Construction, hold weekly meetings to listen to concerns as well as provide updates and explain any upcoming disruptions. In addition to regular email updates, a dedicated project web page has been created that provides updates, contact information for the project team and explains upcoming work. The dedicated project web page can be found at: http://www.dover.nh.gov/government/city-operations/police/new-police-facility/index.html

Authorized funding for the "project" totals **\$21,500,000.12** and comes from various CIP authorizations, which are:

Police Station Authorized Funding:	
2009 Reprogrammed CIP Funds	\$500,000.00
2013 Reprogrammed CIP Funds	\$697,521.12
2014 Authorized CIP Funds	\$8,702,479.00
	\$9,900,000.12
Parking Garage Authorized Funding:	
2014 Authorized CIP Funds	\$ 100,000.00
2015 Authorized CIP Funds	\$11,500,000.00
	\$11,600,000.00

The authorized construction budget is managed in two manners, the Guaranteed Maximum Price (GMP) for construction agreed upon between the City of Dover and Harvey Construction, and city carried

expenses. The GMP of \$19,397,265.00 is based upon plans and project manual specifications prepared by Lavalle Brensinger Architects. The GMP includes construction costs, construction contingency funds, general conditions, and construction management fees. As of August 1, 2015, \$7,430,499.72 or 38.5% of the GMP has been billed. City carried costs total \$2,102,735.00 and include architectural and engineering costs, geotechnical engineering fees, utility provider relocation costs, special inspections fees, commissioning agent fees, furniture and equipment costs, telecommunication relocation costs, and emergency generator costs.

As part of the Construction Management Services, Harvey Construction has obtained, and with consultation of the project team, awarded all subcontractor bids. The following trades have been awarded.

Acoustical Ceilings: Granite State Acoustics, Inc.

Audio Visual Systems: Multi-Media Specialist, Inc.

Communications Tower: Green Mountain Communications

Communications Equipment / Relocation: Two-Way Communications

Concrete Form Work:

Concrete Flatwork:

Concrete:

Cullen Concrete Form Company, Inc.

Premier Concrete Company, LLC.

Redimix Companies, Inc.

Detention Padding / Resinous Flooring: Marathon Engineering Corporation

Doors and Hardware: Exactitude Hardware Consultants
Electrical: Longchamp's Electrical, Inc.

Passenger Elevators: Kone Elevator, Inc

Piles / Earth Retention HB Fleming, Inc.

Fire Protection System: John L. Carter Sprinkler Company, Inc. Fire Proofing: Northern Plasterwork

Flooring: Universal Décor
Framing and Drywall: Metro Walls, Inc.
Glass and Glazing: Granite State Glass
Landscaping: Salmon Falls Nursery

Lockers: Donnegan Systems, Inc.

Masonry: Maine Masonry Company, Inc.

Mechanical: Johnson and Jordan, Inc.

Millwork: Aubin Woodworking, Inc.

Miscellaneous Metals: American Steel Fabricators, Inc.

Overhead Doors: The Overhead Door Company of Portsmouth, Inc.

Painting: Peak Painting and Decorating Pavers: Stoneage Stonework, Inc.
Precast Concrete: William E. Daily Precast, LLC.
Reinforcing Steel: Rebars and Mesh, Inc.

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Roofing: Academy Roofing Corp.

Signage and Flagpoles:

Site earth work:

Structural Steel:

Jutras Signs
S.U.R. Inc
Trimax Steel

Toilet Accessories / Bathroom Partitions: Material Handling Sales

Wall Padding: New England Facility Sales, Inc.
Waterproofing: New England Waterproofing, Inc.

Window Treatments: DWC, Inc.

Additional bid specification information and bid results can be found at: http://www.dover.nh.gov/government/city-operations/police/new-police-facility/bid-awards.html

As can be seen from the attached photographs, significant work has been accomplished. The project is on time as of this date, and is on budget.

Beginning on August 17, 2015, precast garage sections will be erected and it is anticipated that the garage structure will be completed by September 21st. Crews will then began installing all required plumbing and electrical components as well as the elevator. Additionally, once the garage is erected and concurrent with the installation of interior garage mechanicals, crews will focus on completion of site landscaping. This will include new sidewalks and plantings, as well as the reconstruction of the Myrtle Street walkway which will be completed with new brick pavers, similar to the sidewalks being installed on Silver Street. Based upon work already completed, as well as the current work scheduled, the public parking garage will be opened to the public during the last week of November 2015.

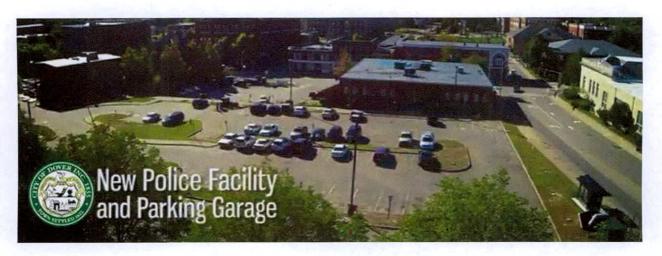
As the garage is erected, work on the exterior façade as well as interior of the police facility will continue. The roof of the police building will be installed by the end of August, followed by the completion of the exterior brick façade in late September. The completion of the exterior façade will allow for the completion of all exterior landscaping to be completed at the same time and in time for the opening of the parking garage. In October, work on the police facility will focus on interior mechanicals and finishes. Based upon work completed and the current work schedule, the police facility will open in early March 2016.

Attachments:

- -Construction photographs.
- -Financial report.
- -Construction Schedule



Orchard Street Parking Lot prior to the beginning of Construction – September 2014.



Trees removed from lot – September 2014.



Crews move underground utilities – October 2014.



Installation of underground utility conduit at the intersection of Chestnut Street and Orchard Street – October 2014.



 ${\it Crews construct\ the\ new\ Orchard\ Street\ in\ the\ area\ of\ the\ Cocheco\ Park\ Building-October\ 2014.}$







Vertical excavation support piles are installed on the South side of the building lot-December 2014.



Excavation begins along the West side of the site – December 2014.



Aerial view of site – March 2015.



 $Aerial\ view\ of\ site\ showing\ north\ excavation\ and\ new\ layout\ of\ Orchard\ Street-March\ 2015.$



Installation of building support piles in Northwest corner of site – March 2015.



Installed Building Support Piles.



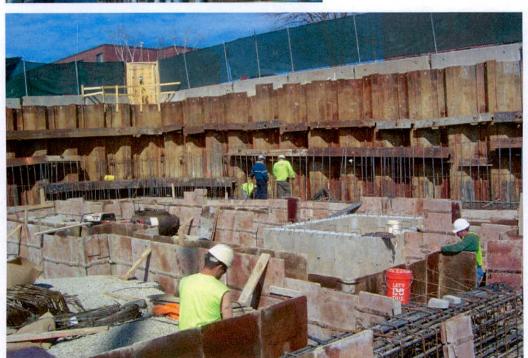
Installation of Building Support Piles – April 2015.



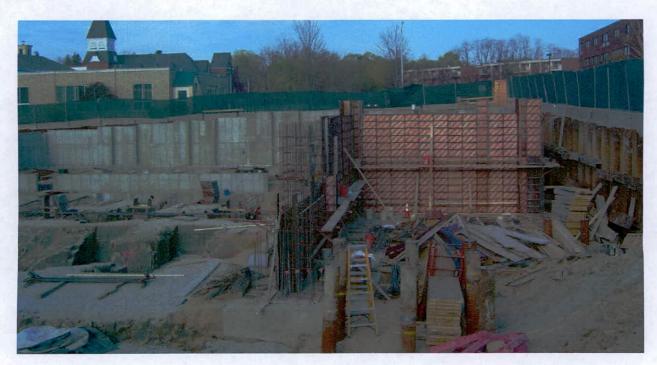
Installation of Building Support Piles – April 2015.



Installation of footing prior to concrete placement – April 2015.



Installation of footing grade beams for police building – May 2015.



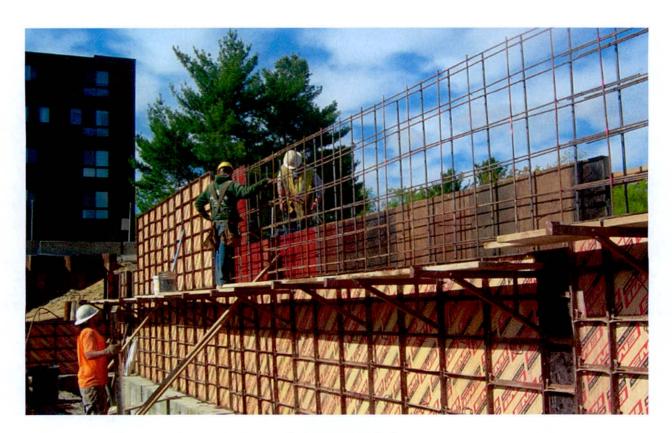
Construction of a foundation wall of the police Building – May 2015.



Pile cap and grade beam of footing prior to concrete placement – April 2015.



Construction of South foundation wall of parking garage – May 2015.



Installation of poured concrete foundation wall of garage structure – June 2015.



Under slab plumbing in police facility prior to concrete placement – June 2015.



Aerial view of site – July 2015.



Steel Structure of police building – July 2015.



Construction of block fire wall between police and garage structures – August 2015.

Construction of concrete handicap ramp located in Southwest corner of site-August 2015.





West façade of police building – August 2015.

North façade of police building – August 2015.



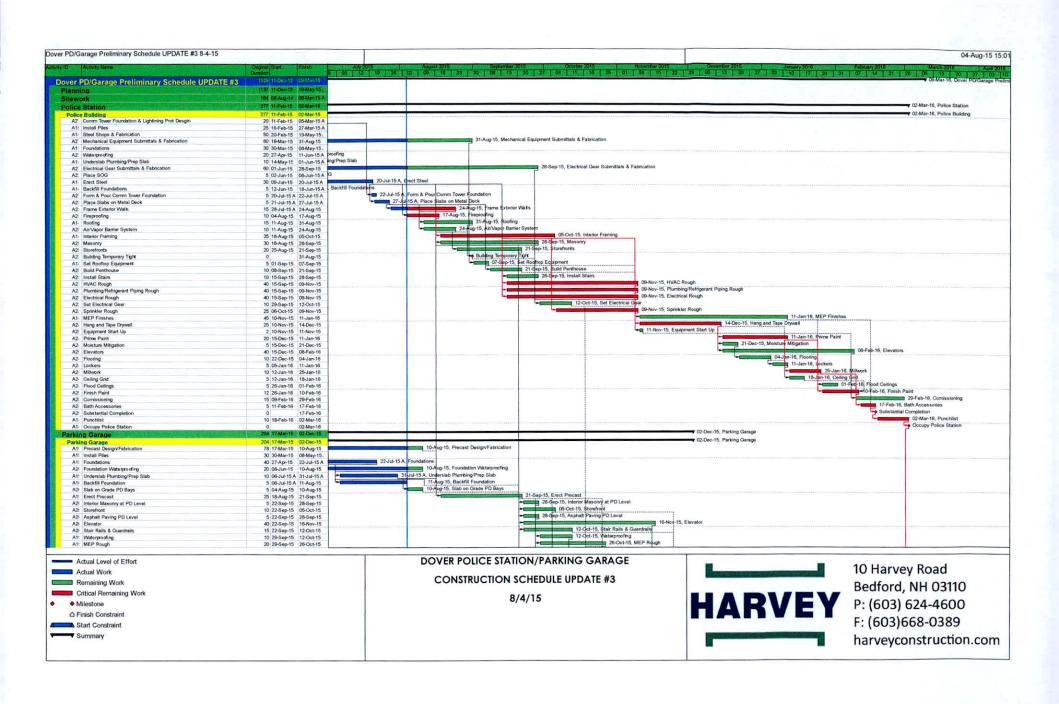
City of Dover Police Facility:

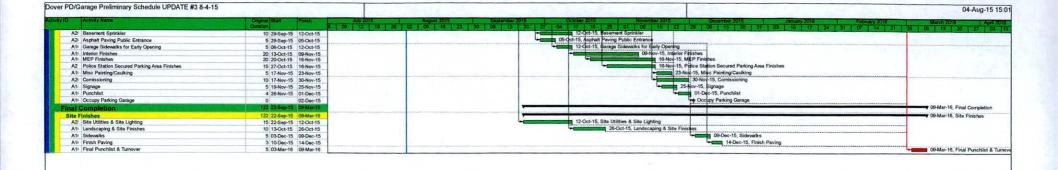
		DATE	DESCRIPTION	AMOUNT PAID	INVOICE#	VENDOR NAME
Approved Budget	\$ 9,900,000.12	75740-514-715-7	seems at the sol of		2000	Annual Control of the
		Committee of the Committee of the	1 Police Facility Phase I	\$65,076.00		LAVALLEE BRENSINGER ARCHITECTS
		77	Police Facility Phase I	\$19,915.50		LAVALLEE BRENSINGER ARCHITECTS
			Police Facility Phase I	\$7,366.50		LAVALLEE BRENSINGER ARCHITECTS
			4 Orchard St Geotechnical and Phase II ESA PD FACILI	\$9,563.48		RANSOM ENVIRONMENTAL CONSULTANTS, INC.
			4 Standard Traffic Impact Assessment for Orchard St	\$3,100.00		CIVILWORKS, INC
			4 Orchard St Geotechnical and Phase II ESA PD FACILI	\$2,316.52		RANSOM ENVIRONMENTAL CONSULTANTS, INC.
			4 Area A - Chestnut St	\$1,800.00		MCENEANEY SURVEY ASSOC., INC.
			4 Area B - Aubuchon Hardware	\$3,420.00		MCENEANEY SURVEY ASSOC., INC.
			4 Area C - Detail Boring Locations	\$750.00		MCENEANEY SURVEY ASSOC., INC.
			4 Police Facility Phase IIA Basic Architectural & E	\$45,430.00		LAVALLEE BRENSINGER ARCHITECTS
			4 Police Facility Phase IIB Required Additional Svs	\$37,250.00		LAVALLEE BRENSINGER ARCHITECTS
			4 Police Facility Phase IIA Basic Architectural & E	\$37,250.00		LAVALLEE BRENSINGER ARCHITECTS
		2.5	4 Police Facility Phase IIA Basic Architectural & E	\$110,240.00		LAVALLEE BRENSINGER ARCHITECTS
		ar - Capacita in a capacita in a	4 Police Facility Phase IIB Required Additional Svs	\$17,000.00		LAVALLEE BRENSINGER ARCHITECTS
		6/30/2014	4 Police Facility Phase IIA reimbursables allowance	\$8,268.00	6860	LAVALLEE BRENSINGER ARCHITECTS
		8/14/2014	4 preconstruction services for Dover Police Facility	\$5,075.66	14-030	HARVEY CONSTRUCTION CORPORATION
		10/16/2014	4 Police Facility Phase IIA Basic Architectural & E	\$6,890.00	7027	LAVALLEE BRENSINGER ARCHITECTS
		10/16/2014	4 Police Facility Phase IIA Basic Architectural & E	\$75,790.00	6994	LAVALLEE BRENSINGER ARCHITECTS
		10/16/2014	4 Police Facility Phase IIB Required Additional Svs	\$24,500.00	6996	LAVALLEE BRENSINGER ARCHITECTS
		10/16/2014	4 Police Facility Phase IIB Required Additional Svs	\$20,250.00	7027	LAVALLEE BRENSINGER ARCHITECTS
		10/30/2014	4 preconstruction services for Dover Police Facility	\$5,347.94	14-041-A	HARVEY CONSTRUCTION CORPORATION
		11/26/2014	4 Police Facility Phase IIA Basic Architectural & E	\$74,412.00	7090	LAVALLEE BRENSINGER ARCHITECTS
		1/8/2015	5 Area B - Aubuchon Hardware	\$380.00	14-2052	MCENEANEY SURVEY ASSOC., INC.
		2/5/2019	5 Police Facility Phase IIA Basic Architectural & Eng.	\$44,214.00	7188	LAVALLEE BRENSINGER ARCHITECTS
(1		2/5/2019	5 Police Facility Phase IIA Basic Architectural & E	\$26,586.00	7188	LAVALLEE BRENSINGER ARCHITECTS
		2/5/201	5 Police Facility Phase IIA reimbursables allowance	\$8,572.80	7188	LAVALLEE BRENSINGER ARCHITECTS
		2/5/201	5 Police Facility Phase IIB Required Additional Svs	\$7,670.91	7187	LAVALLEE BRENSINGER ARCHITECTS
		2/12/2019	5 preconstruction services for Dover Police Facility	\$4,576.40	14-052	HARVEY CONSTRUCTION CORPORATION
		3/5/2019	5 Facility Construction - Guaranteed Maximum Price	\$5,000.00	15-004-A	HARVEY CONSTRUCTION CORPORATION
		3/19/2019	5 Facility Construction - Guaranteed Maximum Price	\$118,857.90	#7 B14007-	HARVEY CONSTRUCTION CORPORATION
		4/16/2015	5 Police Facility Phase IIA Basic Architectural & E	\$29,489.20	7255	LAVALLEE BRENSINGER ARCHITECTS
		4/23/2015	5 Police Facility Phase IIA Basic Architectural & E	\$12,953.20	7332	LAVALLEE BRENSINGER ARCHITECTS
		4/23/2015	5 Police Facility Phase IIB Required Additional Svs	\$500.00	7334	LAVALLEE BRENSINGER ARCHITECTS
		4/23/2015	5 Facility Construction - Guaranteed Maximum Price	\$102,305.13	#8 B14007-	HARVEY CONSTRUCTION CORPORATION
		5/28/2019	5 Facility Construction - Guaranteed Maximum Price	\$120,910.09	#9 B14007-	HARVEY CONSTRUCTION CORPORATION
		5/28/201	5 Facility Construction - Guaranteed Maximum Price	\$268,566.20	#9 B14007	HARVEY CONSTRUCTION CORPORATION
			5 Police Facility Phase IIA Basic Architectural & E	\$8,819.20	7527	LAVALLEE BRENSINGER ARCHITECTS
			5 Police Facility Phase IIA Basic Architectural & E	\$8,819.20		LAVALLEE BRENSINGER ARCHITECTS
		A STATE OF THE STA	5 Police Facility Phase IIB Required Additional Svs	\$10,000.00		LAVALLEE BRENSINGER ARCHITECTS
			5 add GPM using FY14 facility funds	55 - 55		HARVEY CONSTRUCTION CORPORATION
			5 add GPM using FY14 facility funds			HARVEY CONSTRUCTION CORPORATION
Expended To Date	\$2,375,154.55		, , , , , , , , , , , , , , , , , , , ,	\$2,375,154.55		
			DESCRIPTION	ENCUMBRANCE		VENDOR NAME
			Civil and Architectural design, Engineering Services	\$36,548.29)	LAVALLEE BRENSINGER ARCHITECTS
			Police Facility Phase IIA Basic Architectural & Eng.	\$70,307.20		LAVALLEE BRENSINGER ARCHITECTS
			Facility Construction - Guaranteed Maximum Price	\$6,945,191.08		HARVEY CONSTRUCTION CORPORATION
			Commissioning Services	\$18,750.00		WSP USA CORP
			C-15 Diesel Generator	\$115,000.00		SOUTHWORTH-MILTON INC
Encumbrances	\$7,185,796.57			\$7,185,796.57		
Available Balance	\$ 339,049.00					
	- 555,5.500					

		DATE	DESCRIPTION	AMOUNT PAID	INVOICE #	VENDOR NAME
Approved Budget	\$ 11,600,000.00					
		4/17/2014	Phase IIA Basic Architectural & Engineering	\$46,400.00	5590	LAVALLEE BRENSINGER ARCHITECTS
		4/17/2014	Appraisal - 125 Washignton St	\$2,750.00	3/27/2014	HORIZON ASSOCIATES
		5/1/2014	Orchard St Geotechnical and Phase II ESA PARKING GARAGE	\$2,096.28	45931	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		5/1/2014	Chestnut St/Orchard St Utility Relocation	\$119,082.00	9S420130	PUBLIC SERVICE OF N.H.
		5/15/2014	Chestnut St /Orchard St Utility Relocation	\$64,380.76	Z2014-0442	FAIRPOINT COMMUNICATIONS, INC.
		5/22/2014	Standard Traffic Impact Assessment for Orchard St	\$3,100.00	2	CIVILWORKS, INC
		6/5/2014	Orchard St Geotechnical and Phase II ESA PARKING GARAGE	\$2,492.50	46250	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		6/12/2014	parking garage architectural and Engineering svs	\$77,595.00	6009	LAVALLEE BRENSINGER ARCHITECTS
			Orchard St Geotechnical and Phase II ESA PARKING GARAGE	\$2,411.25	46251	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		6/19/2014	Orchard St Geotechnical and Phase II ESA PARKING GARAGE	\$4,879.97	46252	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		6/26/2014	Orchard St Assess Soils for Arsenic, reporting and	\$3,278.09	46446	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		6/30/2014	Orchard St Cone penetrometer testing, surface seis	\$13,000.00	46527	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
			parking garage architectural and Engineering svs	\$103,460.00	6121	LAVALLEE BRENSINGER ARCHITECTS
		8/14/2014	preconstruction services for Dover Parking Garage	\$3,409.00	14-030-1	HARVEY CONSTRUCTION CORPORATION
		8/28/2014	Orchard St groundwater quality, NHDES meetings & p	\$5,790.00		RANSOM ENVIRONMENTAL CONSULTANTS, INC.
			Orchard St Assess Soils for Arsenic, reporting and	\$1,588.07	46100	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
			ORCHARD ST additional monitoring well installation	\$1,640.00	46100	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		9/25/2014	Orchard St Assess Soils for Arsenic, reporting and	\$1,008.84	46889	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		9/25/2014	sampling for quality of Antimony and reporting Orc	\$1,945.00	46889	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
			parking garage architectural and Engineering svs	\$71,128.75	6995	LAVALLEE BRENSINGER ARCHITECTS
		10/16/2014	Additional Civil & Architectural svs parking garag	\$6,466.25	7028	LAVALLEE BRENSINGER ARCHITECTS
			preconstruction services for Dover Parking Garage	\$3,681.28		HARVEY CONSTRUCTION CORPORATION
		Confidence of the contract of	site work for Parking Garage per bid	\$162,234.82	14-041	HARVEY CONSTRUCTION CORPORATION
			site work for Parking Garage per bid	\$216,227.47	14-043	HARVEY CONSTRUCTION CORPORATION
		11/26/2014	parking garage architectural and Engineering svs	\$69,835.50	7089	LAVALLEE BRENSINGER ARCHITECTS
			Additional Civil & Architectural svs parking garage	\$26,236.00	7089	LAVALLEE BRENSINGER ARCHITECTS
			site work for Parking Garage per bid	\$543,560.84		HARVEY CONSTRUCTION CORPORATION
		Samuel Marian	Project Engineer and Soil Tests	\$1,310.00		JOHN TURNER CONSULTING INC
			Addl Work Prepare & Submit new subdivision lot lin	\$2,390.00		MCENEANEY SURVEY ASSOC., INC.
			parking garage architectural and Engineering svs	\$17,091.48		LAVALLEE BRENSINGER ARCHITECTS
			c/o 18 Geotech Eng & Phase II esa services Orchard	\$5,477.50		RANSOM ENVIRONMENTAL CONSULTANTS, INC.
			parking garage architectural and Engineering svs	\$74,491.20		LAVALLEE BRENSINGER ARCHITECTS
			preconstruction services for Dover Parking Garage	\$2,909.72		HARVEY CONSTRUCTION CORPORATION
			Site work for Parking garage	\$158,832.86		HARVEY CONSTRUCTION CORPORATION
			site work for Parking garage	\$248,832.73		HARVEY CONSTRUCTION CORPORATION
			c/o 18 Geotech Eng & Phase II esa services Orchard	\$4,022.50		RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		The second second	Overages on Orchard St	\$2,465.15		RANSOM ENVIRONMENTAL CONSULTANTS, INC.
			Site work for Parking garage	\$167,631.64		HARVEY CONSTRUCTION CORPORATION
			Site work for Parking garage	\$287,329.64		HARVEY CONSTRUCTION CORPORATION
			Progress payment - Guaranteed Maximum Price Construction	\$1,884.41		HARVEY CONSTRUCTION CORPORATION
			Progress payment - Guaranteed Maximum Price Construction	The second secon		HARVEY CONSTRUCTION CORPORATION
			Engineering and Piles Inspection			JOHN TURNER CONSULTING INC
			Engineering and Asphalt Field Inspection			JOHN TURNER CONSULTING INC
			parking garage architectural and Engineering svs	\$11,745.26		LAVALLEE BRENSINGER ARCHITECTS
			Additional Civil & Architectural svs parking garage	\$9,464.04	()	LAVALLEE BRENSINGER ARCHITECTS
		4/23/2015	Additional Civil & Architectural svs parking garage	\$8,276.80	7333	LAVALLEE BRENSINGER ARCHITECTS

As of July 31, 2015

		DATE DESCRIPTION	AMOUNT PAID	INVOICE #	VENDOR NAME
		4/23/2015 Progress payment - Guaranteed Maximum Price Construction	\$473,728.09	#8 B14007-G	HARVEY CONSTRUCTION CORPORATION
		5/7/2015 Pile observation and documentation/geotech design	\$2,069.94	48298	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		5/7/2015 Pile observation and documentation/geotech design	\$7,195.45	48445	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		5/21/2015 Pile observation and documentation/geotech design	\$1,502.95	48533	RANSOM ENVIRONMENTAL CONSULTANTS, INC.
		5/28/2015 Progress payment - Guaranteed Maximum Price Construction	\$550,830.37	#9 B14007-G	HARVEY CONSTRUCTION CORPORATION
		6/25/2015 Progress payment - Guaranteed Maximum Price Construction	\$755,059.67	#10 B14007-G	HARVEY CONSTRUCTION CORPORATION
		6/25/2015 Independent Inspections	\$1,040.00	15-4-000170	JOHN TURNER CONSULTING INC
	*	6/25/2015 Independent Inspections	\$2,191.00	1410139-06	JOHN TURNER CONSULTING INC
		6/25/2015 Independent Inspections	\$1,105.00	15-4-000172	JOHN TURNER CONSULTING INC
		6/30/2015 Independent Inspections	\$540.00	15-4-000171	JOHN TURNER CONSULTING INC
		6/30/2015 add GMP garage	\$983,443.48	#11 B14007-G	HARVEY CONSTRUCTION CORPORATION
Expended To Date	\$5,586,322.13		\$5,586,322.13		
		DESCRIPTION	ENCUMBRANCE		VENDOR NAME
		Pile Doc & Observation; Geotech Design Support	\$631.66		RANSOM ENVIRONMENTAL CONSULTANTS, INC
		Independent Construction Inspections	\$13,444.00		JOHN TURNER CONSULTING INC
		Parking garage architectural and Engineering svs	\$60,711.00		LAVALLEE BRENSINGER ARCHITECTS
		Additional Civil & Architectural svs parking garage	\$2,028.91		LAVALLEE BRENSINGER ARCHITECTS
		Construction - Guaranteed Maximum Price	\$5,891,305.90		HARVEY CONSTRUCTION CORPORATION
Encumbrances	\$5,968,121.47		\$5,968,121.47		
Available Balance	\$ 45.556.40				





Actual Level of Effort

Actual Work

Remaining Work

↑ Millestone

△ Finish Constraint

Start Constraint

Summary

DOVER POLICE STATION/PARKING GARAGE
CONSTRUCTION SCHEDULE UPDATE #3
8/4/15



10 Harvey Road Bedford, NH 03110 P: (603) 624-4600 F: (603)668-0389 harveyconstruction.com