

Town of Millis

Police & Fire Station Project

MONTHLY PROGRESS REPORT

Report No. 6

NOVEMBER, 2015



MILLIS POLICE STATION
19416.01
03/2015

PERSPECTIVE VIEW



CDR MAGUIRE

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Executive Summary – Project Overview:

- The Asbestos Abatement subcontractor (SMI) mobilized on October 30th constructed a truck wash, decontaminated the site contractor's equipment and readied for disposal operations.
- Crews lined incoming trailer dumps, loaded ACM soils, sealed loads and recorded each truck's load, all verified by the Millis PM and CM.
- Truck availability was inconsistent and ranged from 3 to 12 trucks per day. Most went to Minerva Ohio, some to Rochester NH.
- Axiom asbestos consultants monitored the abatement activities and performed daily air-quality monitoring at perimeter of site. Results were all well below allowable limits and were forwarded to the BOH for record.
- The Asbestos remediation operation performed by the Abatement Contractor was completed on November 18th. Axiom consultants inspected the gridded off site and declared it "clean". At total of 2504 tons was shipped and disposed of at both Minerva Ohio and Turnkey NH sites.

74 truck loads total

2504 tons total / 33.83 tons per truck average

Conversions:

1.5 Tons/CY = 1669 CY removed

(or)

1.6 Tons/CY = 1565 CY removed

we carried 1333 CY in estimate

(or)

1.87 Tons/CY

5 man daily crew

432 hours total time / 6.6 hours/Day average

13 day total duration

we carried a 10 day duration in estimate

- The next task was to remove the petroleum contaminated soils which was completed November 25th. Approximately 100 CY / 4 truck loads was removed. This work was performed by current site subcontractor and monitored by Sovereign LSP consultants.
- The exact location of this contamination was documented by surveyors and believed to be within a previously remediated area depicted in 2008 DEP files.
- Regular construction activities will resume November 30th. beginning with footing excavations followed by formwork and concrete placement.
- The removal of the organic layer beneath any bearing surface will be removed. Any over excavation required to remove additional unforeseen organics will be measured and documented by the team.

Issues or Concerns:

- The amount of ACM material removed was recorded by weight (2504 Tons) at the disposal sites. Using a 1.5 Ton/CY conversion factor made available to us by the Geotech Engineer, the actual volume removed was 1669 CY or (74) trailer dump loads. This exceeded the estimates calculated jointly by the team based on information available at the time the site was quarantined.
- Likewise, the amount of imported “engineered fill” now required to bring subgrade to proper elevation will increase as a result of more ACM being removed. The Contractor had a topo done of the current conditions so this can be accurately calculated. (copy attached)

Schedule Status:

- The revised Construction Schedule issued 11/16/15 by the CM now shows a 11/3/16 completion date for the Police Station ; and a 5/3/17 completion for the Fire Station.
- The 2 ½ month delay due to contamination remediation shifted many weather sensitive activities into winter conditions. Depending on the severity of the winter, durations of tasks will be adjusted.
- The Contractor’s two-week “Look Ahead” schedule reflects an approx. 10-day duration for concrete footings and foundations, with work resuming November 30th. Surveyors will first locate building corners, then excavate for footings under the monitoring of Briggs Engineering’s Geotech Engineer.

Budget Status:

- The Contracted GMP amount was \$7,482,584
- Two Change Orders were recently approved by the BOS
 - Change Order #1 \$22,302 (unforeseen site conditions)
 - Change Order #2 \$84,258.48 (Additional petroleum contamination; cover site with poly; idle equipment charges during delay)
 - Therefore new GMP is now **\$7,589,144.48**
- The Town Meeting Article added \$1,248,089 for the clean-up, of which \$67,717 will be reclassified for the overage paid for the Library demolition by this project.
- The 5th Contract Amendment for CDR Maguire has also been approved in the amount of \$27,877 for additional environmental services due to contamination.
 - Therefore the new Contract Amount is now **\$840,584**

Highlights of Construction Activities:

- With the suspension of work due to contamination remediation, no actual “construction activities” occurred this period.

Manpower Summary:

Abatement crews included (1) supervisor, (3) abatement workers, (1) equipment operator.
Sitework contractor included (1) foreman/operator, (1) laborer

PHOTOS

TRUCKS LOADED WITH ACM DESTINED FOR MINERVA, OHIO 11-12-15



DECONTAMINATING EQUIPMENT 11-17-15

(note air quality monitoring device in foreground)



SITE GRIDDED FOR INSPECTION 11-13-15



ADDITIONAL ORGANICS FOUND IN TEST HOLE 11-16-15



STATE of the PROJECT as of 11-18-15

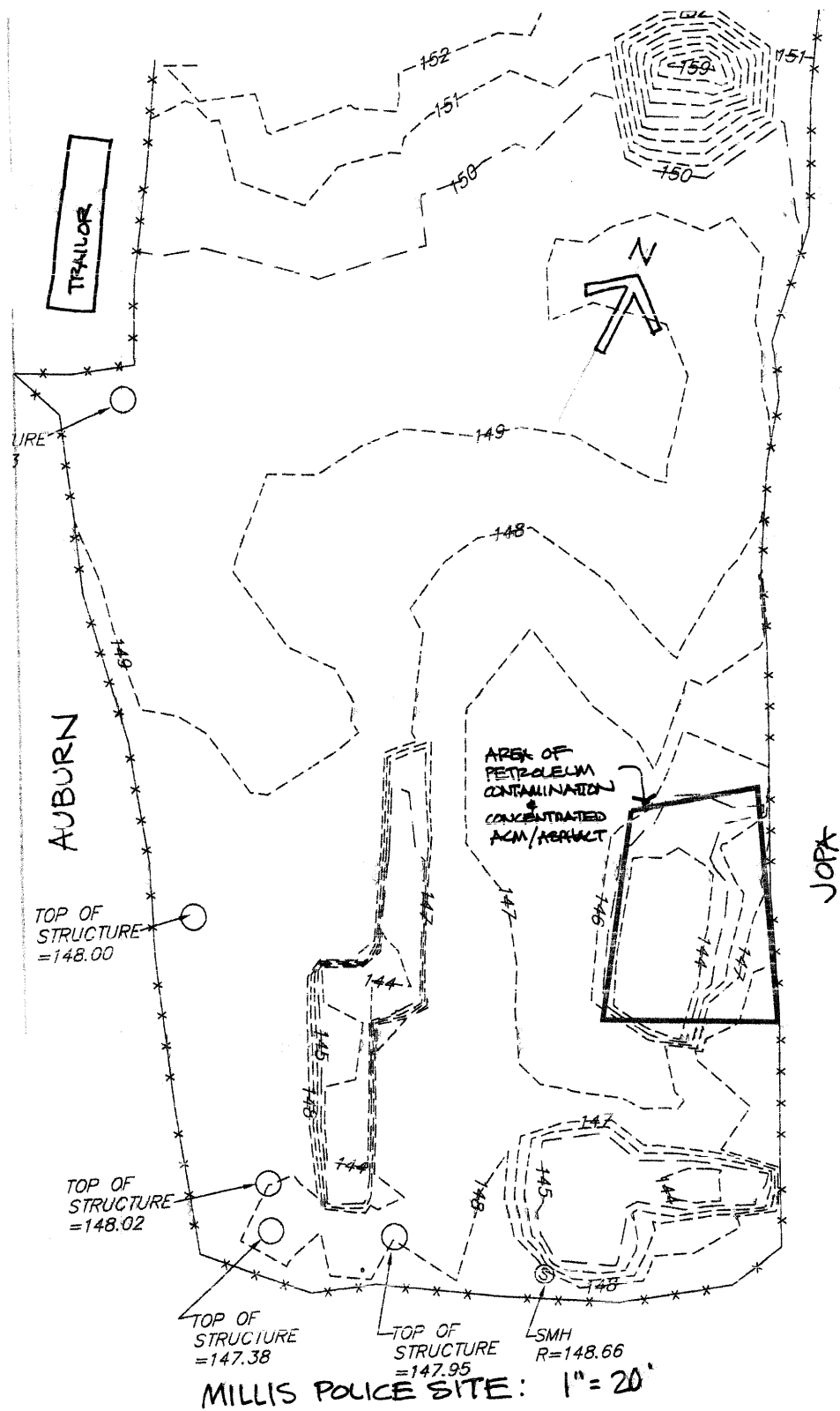


PETROLEUM CONTAMINATED SOIL AREA 11-24-15



TWO-MONTH LOOK AHEAD SCHEDULE:

[illegible]



TOPOGRAPHIC SURVEY as of 11-16-15 by Guerrierre & Halnon

