



CTL Engineering, Inc.
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AN EMPLOYEE OWNED COMPANY

Consulting Engineers • Testing • Inspection Services • Analytical Laboratories

Established 1927

Heiberger Paving, Inc.
458 W. Waterloo St.
Canal Winchester, Ohio 43110

June 23, 2010

Attention: Joel Heiberger

Reference: Testing & Observation Services
Olentangy High School – North Parking Lot
CTL Engineering Project No. 10020098COL

Mr. Heiberger:

In accordance with your request, CTL Engineering visited the referenced project on June 22, 2010 to observe a proof roll of the exposed surface in the approximate southern half of the north parking lot. This area had previously been paved and the asphalt was removed prior to our arrival. The surface generally appeared to be 304 limestone aggregate base however several areas also contained No. 2 limestone or had thin layers of soil on top of the stone. The original plan was to remove the existing asphalt, place 1 inch of 304 limestone and 3 inches of new asphalt.

Proof rolling with a loaded dump truck indicated the lot was sufficiently stable except at three locations. These areas were investigated further by scraping off the stone. The instability is a result of, or combination of, high moisture content in the near surface subgrade soils, soil contaminated in the 304 aggregate or insufficient thickness of the aggregate base. A sketch is attached indicating these unstable areas.

Based upon these conditions, CTL recommends undercutting the unstable areas 8 inches drying the exposed soil subgrade, as required, and replacing with suitable 304 aggregate base. It is anticipated some of the existing base may be reused provided it is free of soil and not segregated. Also isolated areas in the soil subgrade may be softer than observed at the surface and may require additional undercutting. This will need to be evaluated at the time of the work. In addition CTL recommends the addition of four 10 feet under drains at each catch basin to facilitate drainage.

CTL Engineering appreciates the opportunity to be of service. If you have any questions, please call.

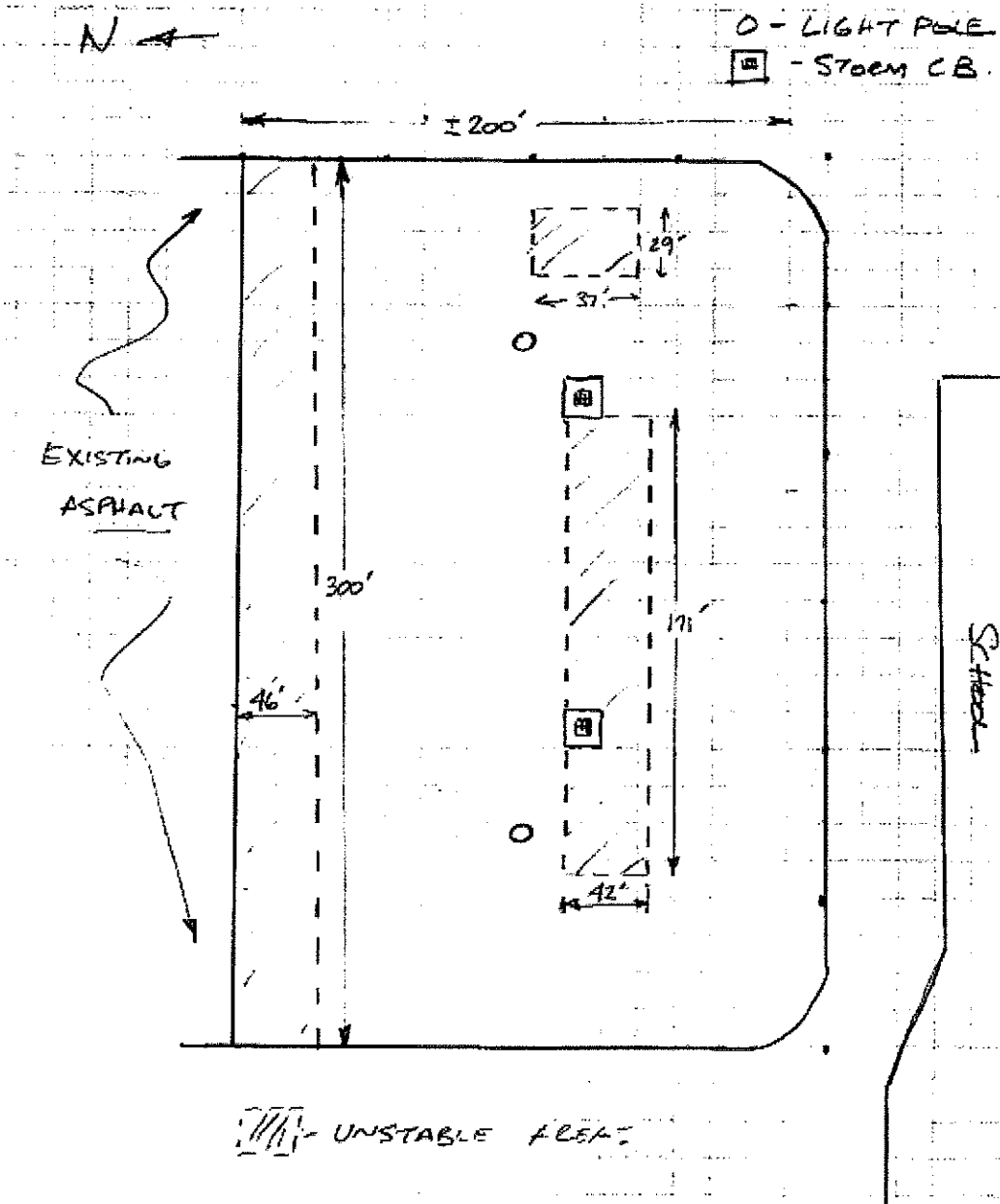
Respectfully submitted,

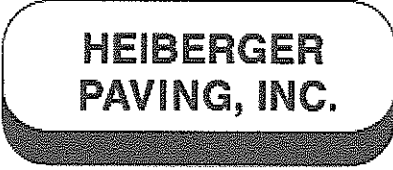
CTL ENGINEERING, INC.

Marc Montgomery, P.E.
Manager, Construction Services

Email: Addressee

Offices: Ohio, Indiana, West Virginia, India





ASPHALT PAVING & SEAL COATING

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985 Walnut Street, Canal Winchester, Ohio 43110
www.HeibergerPaving.com Info@HeibergerPaving.com



PROPOSAL SUBMITTED TO Olentangy Schools		JOB PHONE	FAX 740-657-4096	DATE 6/25/10
STREET 814 Shanahan Road		JOB NAME / LOCATION District Pavement Improvements 2010 Olentangy High School		JOB NO. OLE 10100
CITY, STATE, ZIP Lewis Center, OH 43035				CUSTOMER NO.
CONTACT Scott Shively	PHONE(S) 740-272-2999	CELL PHONE	SALESMAN Thom Smith/Joel H.	

JOB DESCRIPTION AND CLARIFICATIONS

Quantity/Unit Price

REBASE STONE AREA AS PER CTL OBSERVATIONS AND RECOMMENDATIONS DATED JUNE 23, 2010:

- Remove yielding unsatisfactory subgrade materials on South end of High School lot to a depth of 8" and remove from premises.
- Proof roll subgrade.
- Install 8" type #304 stone base.

Area includes 22,050 sf x .67' (8") deep = 545 CY of material
 Minus allowance in bid -100 CY **\$90.00/cy**
 Net change **454 CY @ \$40,860.00**

UNDERGROUND DRAINAGE:

- Install 4 each 10' long perforated pipe finger drains at two catch basins. **\$10.00/lf**
- 80 lf total **\$800.00**

REPLACE CONCRETE CATCH BASIN COLLARS WITH NEW 6'X6' COLLAR

- Required to install the above finger drains into catch basin **\$550.00ea** **\$1,100.00**

DEDUCT FOR CONTINGENCY ALLOWANCE IN CONTRACT:

-(\$5,000.00)

NET REQUEST FOR CHANGE ORDER

\$37,760.00

ADDITIONAL RECOMMENDED DRAINAGE WORK, 260 lf: (this work is optional)

- Since the North edge of the excavated area is now holding water, we recommend the installation of additional 4" perforated underdrain along a portion of the connection to existing asphalt. **\$10.00/lf**
- Connection will be made in existing catch basins in existing asphalt North of halfway cut. **\$2,600.00**
- Removal and repair of asphalt to catch basins can be (is) paid for in Quantity Allowance of 50 sy.

The Price for the work described above is at non-prevailing rates. See attachment or reverse for additional terms, conditions and provisions.
 The undersigned accepts this Proposal and all of its terms and conditions as a binding contract.

Total price \$

(Owner) Print Owner's Name

HEIBERGER PAVING, INC.

By: _____

Print Name: _____

By: Joel Heiberger

Title: _____



7500 INDUSTRIAL PARKWAY PLAIN CITY, OHIO 43064
 PHONE: (614) 873-5865 FAX: (614) 873-8623

July 6, 2010

Mr. Andy Kerr
 Olentangy Local School District

Re: Misc. Repairs on High School Property

We propose to supply all material, labor, and equipment necessary to complete the following items of work on the above referenced project. This proposal is valid only for the items of work specifically listed on bid proposals scope of work and in accordance with the conditions stipulated.

Undercut unsuitable haul offsite, import 304 stone& compact

545cy@ 45.00cy \$24,525.00

Install 4" perf fingerdrain 10' long@ 2- catch basins in four directions

80lf@ 10.00 lf \$800.00

2- 6x6 tee fittings@ catch basins

1 ls@ 1,100.00 \$1,100.00

Contingency \$3,000.00

Total \$29,425.00

Should you have any questions or comments regarding this proposal please call us at the office. Due to equipment and manpower scheduling of our project we can only hold the proposal for a period of 30 days from the date on the front of this proposal regardless of that defined in the project specifications. STE has the right to review any and all contracts that may be entered into before final acceptance of this proposal. Thank you for the opportunity to quote your project and we look forward to working with you on this project and in the future.

Respectfully Submitted;

Patrick J. Kalinkiewicz
 Patrick J. Kalinkiewicz
 Project Manager\ Estimator

File: OLENTANGYSCHOOLS.WPD