

BRAMHALL
ENGINEERING &
SURVEYING CO., INC.

July 2, 2013

Mr. Robert Knopf, P.E., M.I.S.
City Engineer
City of Avon
35060 Detroit Road
Avon, Ohio 44011

Reference: Professional Engineering and Inspection Services
Proposal – Widening Chester Road between Moore Road and S.R. 83
Avon Job No. _____
Avon Fund No. _____

Dear Mr. Knopf:

The City of Avon proposes to widen areas of the eastern section of Chester Road between Moore Road and S.R. 83 to accommodate semi-truck traffic.

Per your request we are pleased to provide the following Proposal for these services.

Sincerely,

BRAMHALL ENGINEERING & SURVEYING CO., INC.

Michael C Bramhall, P.E., P.S.

Michael C. Bramhall, P.E., P.S.
President

**CHESTER ROAD WIDENING
BETWEEN MOORE ROAD AND S.R. 83
PROFESSIONAL ENGINEERING AND SURVEYING SERVICES
CITY OF AVON**

SCOPE OF SERVICES

Bramhall Engineering to prepare construction plan deliverable based on field survey. The proposed typical section will consist of 2-12' lanes, with a 4' graded shoulder (2' paved). The graded and/or paved shoulder may be reduced in width in isolated locations to avoid existing fire hydrants and/or utility poles. The widening will be generally symmetrical; however, there may be locations where more widening is performed on one side than the other, in order to minimize or eliminate any impacts to existing fire hydrants or utility poles. The typical section will include removing 6" of existing pavement on the north side of the road, and 12" of existing pavement on the south side. The construction contract will also include milling and resurfacing of the existing pavement, depth to be determined during detailed design. Ditch enclosures will be included where needed to accommodate future sidewalk installation and/or the widened pavement in order to stay within existing R/W. Maintenance of Traffic and Traffic Control provisions will be handled by plan note. Services also include preparation of specifications and bid documents.

Task I - Construction Plans

Prepare construction plans to a sufficient level of detail to obtain competitive bids. Survey will include topographic features within the existing R/W, including existing pavement and shoulders, roadside ditches, utility appurtenances, traffic control signs, and mailboxes. Plans will include a title sheet, typical section, general notes, and plan view indicating any topographic features that are collected during the survey and basemapping. There will also be areas included for ditch enclosures, as well as extending the existing culvert to accommodate the wider typical section. Isolated cross sections at critical locations will also be included in the plan where deemed necessary to demonstrate the proposed work. Construction Cost Estimate will also be prepared. Bid Specifications and documents will be prepared meeting the City of Avon requirements. Bramhall will also coordinate the bid process through award, attend a pre-bid conference and provide the City answers to any pre-bid questions.

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Clarifications and Exceptions

1. All Permits and associated fees are by Others.
2. Boundary Survey and R/W location are not included; the City has indicated the existing R/W is 50' in this area of Chester Road.
3. Geotechnical Investigation (pavement cores) and recommendations are not included. Any existing information already obtained in this area will be utilized for this project.
4. Construction Specifications will generally be noted on plans making reference to City of Avon and ODOT Construction and Material Specifications.
5. It is assumed the existing culvert is of sufficient condition to allow it to simply be extended, and that it is of sufficient structural capacity to handle the weight of semi-truck traffic. Should additional analysis of this culvert and/or total replacement be required, those services can be provided for an additional fee.
6. Construction staking is not included.
7. All plans to be prepared with AutoCAD.
8. Attached please find our Standard Hourly Rate Sheet which will be used for authorized work not included in this scope of services.

Professional Services Fee

We propose to provide the work noted herein on an hourly not to exceed basis of:

Task I – Construction Plans and Bid Documents..... \$45,750.00

ACKNOWLEDGED AND ACCEPTED

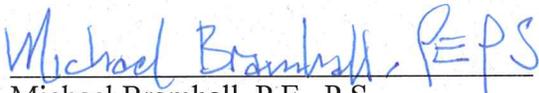
ACKNOWLEDGED AND ACCEPTED

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**BRAMHALL ENGINEERING
& SURVEYING CO., INC.**

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CITY OF AVON



Michael Bramhall, P.E., P.S.
President

James A. Smith
Mayor

AVON JOB # _____

AVON FUND # _____

**CHESTER ROAD WIDENING
BETWEEN MOORE ROAD AND S.R. 83
PROFESSIONAL ENGINEERING AND SURVEYING SERVICES
CITY OF AVON**

Bramhall Engineering & Surveying Company, Inc.

Schedule of Rates for the Year 2013

Our services will be billed at an amount equal to the time expended multiplied by the following hourly rates:

	<u>Hourly Rate</u>	<u>Overtime Rate</u>
Senior Project Manager	\$120.00	\$120.00
Professional Engineer	\$110.00	\$110.00
Professional Surveyor	\$100.00	\$100.00
Senior Engineer	\$85.00	\$85.00
Engineer	\$75.00	\$75.00
Senior Structural Engineer	\$120.00	\$120.00
Structural Engineer	\$110.00	\$110.00
Water Quality Program Manager	\$95.00	\$95.00
CESSWI Inspector	\$70.00	\$84.00
Senior Inspector	\$50.00	\$72.00
Inspector	\$43.00	\$62.00
Two-Person Survey Crew	\$130.00	\$160.00
GPS Survey System Unit Or Robotic Total Control System (One Person Survey Crew)	\$125.00	\$150.00
Senior Designer II	\$80.00	\$96.00
Senior Designer I	\$72.00	\$86.00
Designer/Technician	\$60.00	\$72.00
Drafter	\$45.00	\$58.00
Administrative Assistant	\$40.00	\$48.00
Mule – 4 wheel drive	\$50.00/day	

Reimbursable expenses shall include the cost of reproduction of plans and documents as required, plus 10%, and mileage incurred for meetings and site visits.

The above rates are valid for services provided through December 31, 2013. Charges for our services after this date are subject to escalation.

Payment for our services shall be monthly.