

Charter Township of Ypsilanti
Detailed Engineering Review Application

Site Name: _____ OHM Job Number: _____

Zoning: _____ Parcel ID: _____

Date Approved by Planning Commission: _____

Applicant: _____ Phone: _____ Fax: _____

Address: _____

City: _____ State: _____ Zip: _____

Design Engineer: _____ Phone: _____ Fax: _____

Address: _____

City: _____ State: _____ Zip: _____

Proposed Site Improvements

Water Main No Yes If yes, _____ feet of _____ inch water main and a total of _____ water services.

Sanitary Sewer No Yes If yes, _____ feet of _____ inch sanitary sewer and a total of _____ leads.

Storm Sewer No Yes If yes, _____ feet of storm pipe with detention facilities designed to detain _____ cubic feet of runoff.

Other Items

Storm Water Discharge Location: _____

Total Area of Disturbance: _____ acres

Project Estimate:

The applicant shall submit a complete preliminary engineer's estimate including quantity, unit cost and total costs for each individual item (e.g. 8 inch ductile iron water main, 4 foot diameter manhole, etc.). The unit costs shall include the cost of labor and materials for each item.

A sample of this estimate can be found attached to this document. A summary of the division costs calculated by the design engineer shall be completed on this form. These prices will be used in development of bonding requirements that will be delivered to the applicant upon receiving engineering plan approval.

The detailed Engineering Review Application and a detailed engineering estimate must be approved by Orchard Hiltz & McCliment prior to submitting plans and their associated fees to the Township Community & Economic Development Department. Estimates and this application can be faxed to (734) 522 – 6427 or emailed to matt.parks@ohm-advisors.com or pat.droze@ohm-advisors.com.

Division: _____ Total Cost \$ _____

Site Grading: _____ Total Cost \$ _____

Sidewalks & Bike Paths: _____ Total Cost \$ _____

Storm Sewer: _____ Total Cost \$ _____

Water Main: _____ Total Cost \$ _____

Sanitary Sewer: _____ Total Cost \$ _____

Landscaping: _____ Total Cost \$ _____

Soil Erosion & Sedimentation Control: _____

Total Cost \$ _____

TOTAL PRELIMINARY PROJECT COST

TOTAL \$ _____

Estimate Prepared By: _____ P.E.

Seal of Professional Engineer Registered

To practice in the Station of Michigan

SAMPLE* Project Estimate

Site Grading/Sidewalks & Bike Paths

Item	Quantity	Unit	Unit Cost	Total Cost
Mass Grading	1	1sum	\$75,000.00	\$75,000.00
4" Concrete Sidewalk	2500	Sft	\$3.50	\$8,750.00
3" HMA Bike Path	2500	sy	\$8.00	\$20,000.00
TOTAL Division Cost				\$103,750.00

Water Main

Item	Quantity	Unit	Unit Cost	Total Cost
8" CL54 Ductile Iron Water Main	1555	1ft	\$45.00	\$69,975.00
Polyethylene Wrap	1555	1ft	\$0.50	\$777.50
8"X8" Tapping Sleeve Valve & Well	2	ea	\$2,750	\$5,500.00
1" Type K Copper Water Service	1	ea	\$775.00	\$775.00
TOTAL Division Cost				\$77,027.50

Sanitary Sewer

Item	Quantity	Unit	Unit Cost	Total Cost
10" ABS Truss Pipe	1800	1ft	\$65.00	\$117,000.00
6" PVC SDR 26 Sewer Leads	300	1ft	\$50.00	\$15,000.00
4' Diameter Manhole	20	ea	\$2,250.00	\$45,000.00
TOTAL Division Cost				\$177,000.00

Storm Sewer

Item	Quantity	Unit	Unit Cost	Total Cost
12" C-76 CL IV Storm Sewer	351	1ft	\$28.00	\$9,828.00
18" C-76 CL IV Storm Sewer	322	1ft	\$35.00	\$11,270.00
2' Inlet	4	ea	\$1,500.00	\$6,000.00
4' Manhole	3	ea	\$1,750.00	\$5,250.00
36" CMP Standpipe	1	ea	\$3,000.00	\$3,000.00
18" Concrete End Section	3	ea	\$700.00	\$2,100.00
TOTAL Division Cost				\$37,448.00

Soil Erosion & Sedimentation Control

Item	Quantity	Unit	Unit Cost	Total Cost
Silt Fence	2805	1ft	\$3.00	\$8,415.00
Inlet Filters	7	ea	\$250.00	\$1,750.00
TOTAL Division Cost				\$10,165.00

*The applicant shall note that the above document is a sample of an acceptable engineer's estimate. The estimate must include all items of work and appropriate quantities to complete work as described on the plan. Costs shall be based off current material and labor costs.