ENGINEER'S PRELIMINARY COST ESTIMATE

PROJECT: East Haertel Street Improvements - City of Portage

STREET IMPROVEMENTS

	Item	No. of Units	Units	Unit Cost	Total Amount
1.	Remove Asphalt Pavement (3")	6,500	Sq. Yd.	$2.10	$13,650
2	Remove Storm Sewer	1	Lump Sum	$2,500.00	$2,500
3.	Sawcut AC Pavement	400	Lin. Ft.	$3.15	$1,260
4.	Tree Removal	1	LS	$3,500.00	$3,500
5.	Unclassified Excavation	4,400	Cu. Yd.	$10.00	$44,000
6.	Geogrid for Subgrade Stabilization Sta: (8+50-10+50) & (15+50-20+00)	2,500	Sq. Yd.	$6.30	$15,750
7.	Granular Fill	1,600	Cu. Yd.	$6.15	$9,840
8.	Concrete Curb and Gutter (30")	4,100	Lin. Ft.	$9.50	$38,950
9.	Concrete Sidewalk, 4"	9,900	Sq. Ft.	$3.75	$37,125
10.	Concrete Driveway, 6"	910	Sq. Ft.	$4.25	$3,868
11.	Crushed Aggregate Base Course (12")	6,800	Ton	$9.50	$64,600
12	Fine Grading Aggregate base Course	10,200	SY	$1.50	$15,300
13.	Asphalt Pavement (3.5")	1,810	Ton	$57.50	$104,075
14.	Asphalt Driveway	250	Sq. Yd.	$31.50	$7,875
15	Connect to Existing Storm Sewer	1	Each	$1,100.00	$1,100
16.	RCP Storm Sewer	380	Lin. Ft.	$52.50	$19,950
17.	Storm Sewer Inlets	7	Each	$1,600.00	$11,200
18.	Storm Sewer Endwalls with Rip Rap	2	Each	$1,850.00	$3,700
19.	Topsoil and Seed	4,100	Sq. Yd.	$3.25	$13,325
20.	Traffic Control	1	Lump Sum	$3,500.00	$3,500
21.	Erosion Control	1	Lump Sum	$6,000.00	$6,000
22.	Pavement Marking	1	Lump Sum	$2,500.00	$2,500
23.	Modular Block Retaining Wall	900	Sq. Ft.	$26.25	$23,625
24.	Insulate Existing Sewer and Water Mains/Laterals	400	Lin. Ft.	$16.00	$6,400
25.	Haul Away Excavated Garbage to Licensed Landfill	100	Ton	$21.00	$2,100
		Subtotal			$455,700
		Design - PS&E (18%)			$82,000
		State Review Cost			$45,000
		Construction Engineering & Contingencies (15%)			$68,400
		Estimated Total			**$651,000**

Existing rural section, 24' Asphalt Pavement
Proposed urban section, 41' Back to Back Curb and Gutter
Sidewalk north side only.

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Subject:	East Haertel Street Improvements	
	City of Portage	
Date:	6/24/2010	**Engineer:** KDA
Sheet:	1 of 1	**GEC No.:** 0106-1AA