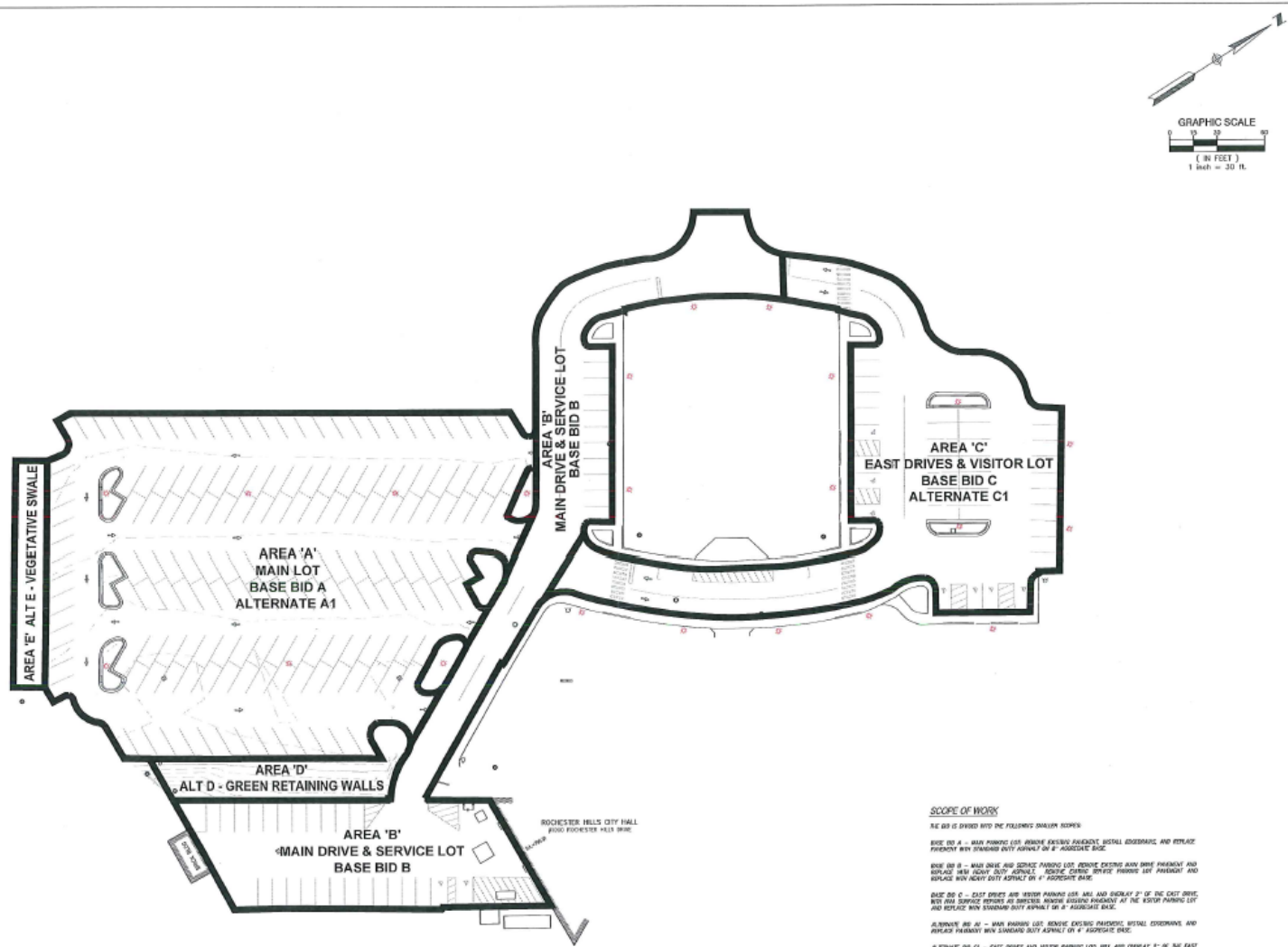


City Hall Parking Lot Rehabilitation Project



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**3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG,
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NOTE: STREET INFORMATION ON THIS DRAWING MAY BE
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AND TO BE MAINTAINED CURRENT INFORMATION MUST BE
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TRANSPORTATION. THE LOCATION OF CURBS AND DRIVE
WAYS ARE APPROXIMATE FROM PLANS AND FIELD SURVEYS.
THE LOCATION OF CURBS AND DRIVEWAYS SHOULD
BE DETERMINED BY THE USER FROM SURVEY DATA
AND DRAWINGS. DO NOT ASSUME THE LOCATION OF CURBS
OR DRIVEWAYS UNLESS SPECIFIC NOTED AS TO THE
DRAWING OR AS INDICATED THEREON.

BEFORE TO CONSTRUCTION, ALL UTILITIES AND DEPTH OF
EXISTING UTILITIES IN CONJUNCTION WITH PROPOSED
RECONSTRUCTION SHALL BE REVEALED IN THE FIELD. CALL
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**ROCHESTER HILLS
CITY HALL
PARKING LOT
REHABILITATION**

BID AREAS LOCATION PLAN

NO.	DATE	REVISION
1	11-06-15	ISSUED FOR REVIEW
2	12-10-15	ISSUED FOR BID

DESCRIPTION	DATE
DESIGNED	06-12-15
DRAWN	06-12-15
CHECKED	DATE
PROJECT MANAGER	DATE
DESIGNED BY	DATE
DATE OF LAST CORRECTION, DRAWINGS	
IF NOT ON THIS SHEET, CHECK THIS SHEET.	
DATE	ISSUED TO
BY	BY
SCALE	SHEET
T = 30	3

SCOPE OF WORK

THE BID IS DIVIDED INTO THE FOLLOWING DRAWING SECTIONS:

SECTION A - MAIN PARKING LOT: REMOVE EXISTING PAVEMENT, INSTALL ASPHORBIT, AND REPLACE PAVEMENT WITH STANDARD DUTY ASPHALT ON 4" ASSOCIATED BASE.

SECTION B - MAIN DRIVE AND SERVICE PARKING LOT: REMOVE EXISTING ASPHALT PAVEMENT AND REPLACE WITH STANDARD DUTY ASPHALT ON 4" ASSOCIATED BASE.

SECTION C - EAST DRIVES AND VISITOR PARKING LOT: REMOVE EXISTING ASPHALT PAVEMENT AND REPLACE WITH STANDARD DUTY ASPHALT ON 4" ASSOCIATED BASE.

SECTION D - EAST DRIVES AND VISITOR PARKING LOT: REMOVE EXISTING ASPHALT PAVEMENT AND REPLACE WITH STANDARD DUTY ASPHALT ON 4" ASSOCIATED BASE.

SECTION E - VEGETATIVE SWALE: REMOVE THE EXISTING PAVEMENT OF PARKING AREA A TO DEPTH TO EXPOSE PLANTING TO THE EXISTING MEDIAN WALL.

City Hall Parking Lot Options-Alternative Bid D & E



Original Bid		Updated Review (Recommend D& E)	
Bid D: Green Walls & Infiltration	\$103,810	Bid D: Infiltration & improvements w/ same stormwater benefits (no walls)	\$20,000
Bid E: Vegetative Swale	\$7,361	Bid E: Vegetative Swale	\$7,361
TOTAL	\$111,171	TOTAL	\$27,361
CRWC Watertown Mini Grant	-\$5,000	CRWC Watertown Mini Grant	-\$5,000
	\$106,171	UPDATED TOTAL	\$22,361

Alternative Bid D



Before

After

Alternative Bid E



Before

After

Updated City Hall Parking Lot Costs with Alternative Bid D & E

Original Request		Updated Request	
City Hall Parking Lot Rehab Project (no alternative Bid D&E)	\$469,954.64	City Hall Parking Lot Rehab Project (WITH alternative Bid D&E)	\$497,315.64
10% contingency	\$46,995.46	10% contingency	\$49,731.56
TOTAL	\$516,950.10	TOTAL	\$547,047.20

Total Not to Exceed Cost for Pavex Corporation **\$547,047.20**

Total Cost for the Project with Engineering Services **\$582,047.20**

Project Funding

Description	Amount
Total Project Cost	\$582,047.20
2016 Budget	<u>\$313,500.00</u>
Amount From Facilities Retained Earnings	\$268,547.20

Status of Facilities Retained Earnings:

- \$4,000,000.00 in Fund after Fire Stations Completed
- City Policy Requires 20% of Annual Budget or \$900,000.00
- Four times City Policy Remaining

City Hall Parking Lot Rehabilitation Project

Option # 2: Main Parking Lot Only with Both Green Alternatives:

Description	Amount
Not To Exceed for Pavex Corporation	\$321,146.27
Total Cost of Project with Engineering Services	\$345,646.27
Amount Needed from Facilities Retained Earnings	\$ 32,146.27

Option Not Recommended:

- Additional Cost
- Additional Staff Time
- Additional Disruption to City Hall Operations
- Entire Parking Lot Needs Repair
- Remainder of Project Would go in 2017 Budget
- Funds From Facilities Retained Earnings