
AGENDA ITEM SUMMARY

Subject: Consider Resolution No 17-22, A resolution approving grant application and funding commitment Water Quality Initiative Grant associated with the second phase of the Garden Corridor Edible Arboretum Demonstration Project.

Background Summary:

As discussed, we have been working with Doug Johnson SWCD and Wendy Johnson of the Garden Corridor group, to fund a second phase of development with the Clark Street Arboretum. This proposed project includes a Water Quality Initiative Grant application to the state to fund up to \$100,000 of a \$220,000 demonstration project. Project would include installation of permeable pavers, grass pavers, gravel pavers, bio-retention cells pollinator habitat and native turf grass implementation.

\$10,000 in local cash grants and in-kind work are also anticipated through letters of support by groups such as the Isacc Walton League and Charles City Rotary.

The remaining \$110,000 cost to the project would be covered by the City, \$90,000 by way of Sponsored Project dollars from the WRRF project grant and \$20,000 in cash for sidewalk removal and replacement that is not otherwise grant eligible.

The \$110,000 would need to initially be spent from the general fund and then eventually reimbursed at a later date.

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CITY OF CHARLES CITY

RESOLUTION NO. 17-22

*RESOLUTION APPROVING APPLICATIONS FOR A WATER QUALITY INITIATIVE
GRANT AND FUNDING COMMITMENT*

WHEREAS, a water quality initiative grant is available from the Iowa Department of Agriculture and Land Stewardship and;

WHEREAS, the city would like to construct the next phase of our edible arboretum to showcase as a demonstration area, which involves installation of walking paths constructed of grass pavers, gravel pavers and permeable pavers, bioretention cells and other water quality best practices and;

WHEREAS, the total cost of the project for which this grant will be used is \$220,000, and;

WHEREAS, the city's committed funding for this grant is \$110,000,

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Charles City, Iowa, meeting in regular session on this 7th day of February, 2022, that the City council herewith supports and endorses an application for a water quality initiative grant and commits to \$110,000.00 of funding for said grant.

COUNCIL MEMBER moved the adoption of the foregoing Resolution;

COUNCIL MEMBER seconded the motion to adopt, and on roll call the voting was as follows:

AYES:

NAYS:

Passed and approved this 7th day of February, 2022.

Dean Andrews, Mayor

Attest:

Trudy O'Donnell, City Clerk

Garden Corridor Edible Arboretum Urban Conservation Demonstration Project

Practices Eligible for Grant Funding:

<u>Practice</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
Permeable Paver Surfaced Walking Paths	1000	Sq. Ft.	\$33	\$33,000
Gravel Paver Surfaced Walking Paths	500	Sq. Ft.	\$28	\$14,000
Grass Paver Surfaced Walking Paths	2000	Sq. Ft.	\$25	\$50,000
Rain Gardens	300	Sq. Ft.	\$25	\$7500
Pollinator Habitat	1000	Sq. Ft.	\$6	\$6000
Bioretention Cell	1000	Sq. Ft.	\$30	\$30,000
Native Turfgrass Establishment	1500	Sq. Ft.	\$2.50	\$3750
Soil Quality Restoration	30,000	Sq. Ft.	\$0.30	\$9000
Signage	Lump Sum			\$20,000
Temporary Traffic Control	Lump Sum			\$4000
Mobilization	Lump Sum			\$5000
Incidentals (Approx. 10%)	Lump Sum			<u>\$17,750</u>
Total Cost of Eligible Project Practices				\$200,000

Practices Ineligible for Grant Funding:

<u>Practice</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
Remove Existing Concrete Sidewalk	1000	Sq. Ft.	\$3	\$3000
New Portland Cement Concrete Sidewalk	1000	Sq. Ft.	\$14	\$14,000
Reseeding & Fertilizing Existing Turfgrass	30,000	Sq. Ft.	\$0.10	<u>\$3000</u>
Total Cost of Ineligible Project Practices				\$20,000

Total Project Cost \$220,000

IDALS Grant Request \$100,000






Applicant (City of Charles City) Contribution \$110,000

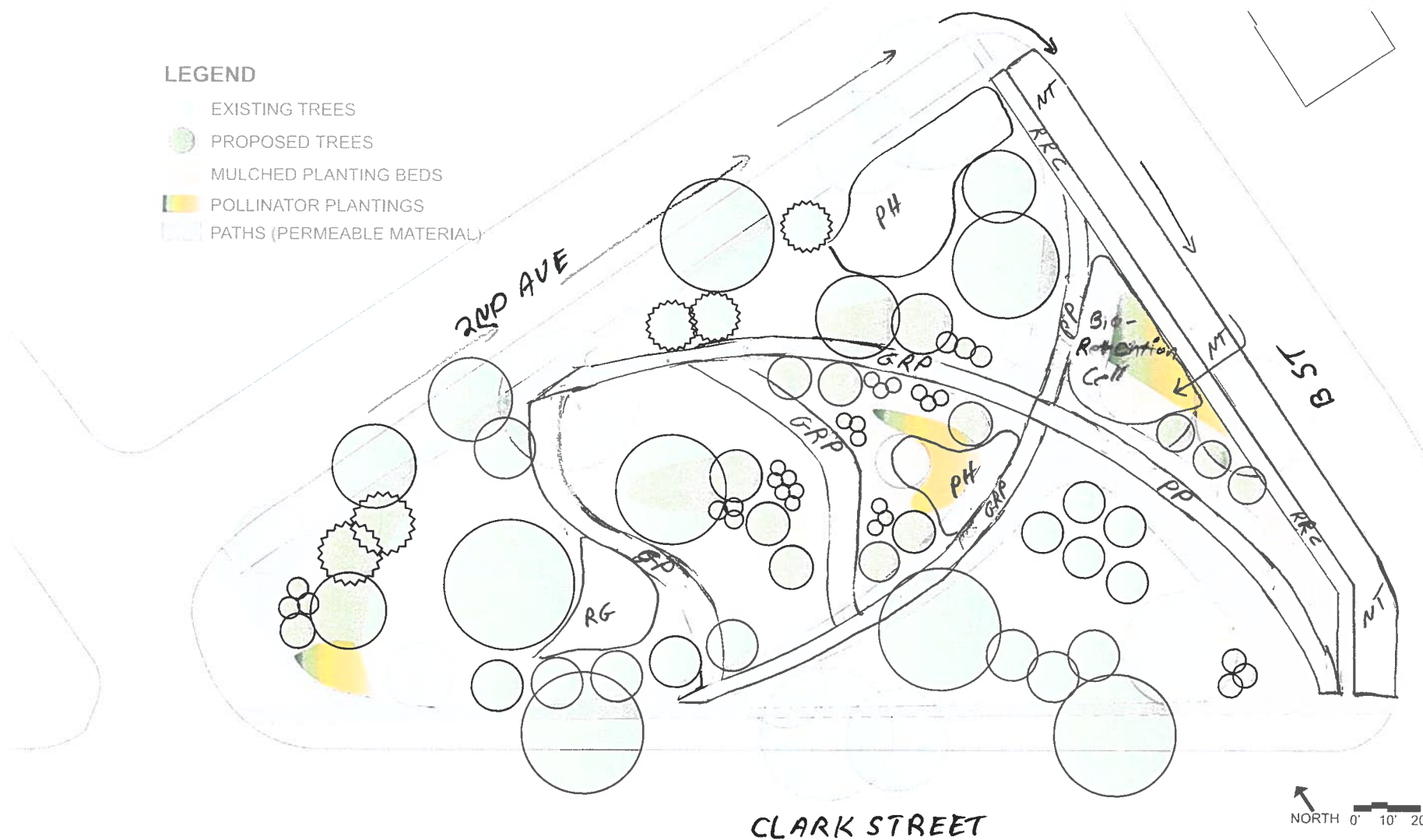
Partner Contribution (amend per anticipated total of cash and in-kind contributions) \$10,000

Total Budget (amend per anticipated total of cash and in-kind contributions) \$220,000

Final Applicator Concept

LEGEND

-  EXISTING TREES
-  PROPOSED TREES
-  MULCHED PLANTING BEDS
-  POLLINATOR PLANTINGS
-  PATHS (PERMEABLE MATERIAL)



CHARLES CITY ARBORETUM
ILLUSTRATIVE PLAN

- PP - Permeable Pavers
- GP - Gravel Pavers
- RRC - Remove & replace existing concrete sidewalk
- GRP - Grass Pavers
- RG - Rain Garden
- PH - Pollinator Habitat
- NT - Native Turf

COMMUNITY
FOOD SYSTEMS

CDL