Surface Water Data Viewer Map

Legend

- 2D Water Surface Elevation Grid
  - High : 937.629
  - Low : 853.184
- Dams
  - Dams with FERC License
  - Dams
- FERC Project Area Boundaries
- Wetland Identifications and Confirmations
- Wetland Class Points
  - Dammed pond
  - Excavated pond
  - Filled excavated pond
  - Filled/drained wetland
  - Wetland too small to delineate
- Filled Points
- Wetland Class Areas
  - Wetland
  - Upland
- Filled Areas
- Wetland Class Points
  - Dammed pond
  - Excavated pond
  - Filled excavated pond
  - Filled/drained wetland
  - Wetland too small to delineate
- Filled Points
- Wetland Class Areas
  - Wetland
  - Upland
- Filled Areas
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads
  - County HWY
  - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams

0.3 0 0.13 0.3 Miles

1:7,920

NAD_1983_HARN_Wisconsin_TM

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Notes

<u>PROJECT A – Buckingham Rd. to Jackson St. (Excludes any work on Buckingham Road and North)</u>
TOTAL Cost Project A - $165,000 – $202,000

<u>Budgetary Construction Cost Estimate:</u> $130,000 – 170,000
~$90,000 – 110,000 = 8' wide asphalt trail @ 2,200'
~$10,000 – 15,000 = GC/Mobilization/Sitework
~$15,000 = Base Replacement/EBS Allowance(Excavation below Subgrade, in areas with poor soils to be gravel or future asphalt pavement)
~$25,000 – 30,000 = 20% Contingency and Other Misc Items

<u>Assumptions</u>

- Total trail length ~0.4 mi. (2,200 LF) as 8 ft wide asphalt from Buckingham Road to Jackson Street. Assumes existing gravel path adequate for base, incidental replacement required. Compaction testing required prior to pavement.
- 2' gravel shoulder each side unless otherwise constrained, then shoulder to be grass.
- No parking, restroom, or other site amenities to be included at this time.

<u>Fee Budget Range:</u> $25,000 - $32,000
Fee includes -
Geotechnical Report
Survey
Design/Construction Documents
Bidding
Construction Administration (could be T&M)

<u>Includes all required:</u>
Stormwater Management Plan
Design/Construction Documents
Bidding Documents and Coordination
Construction Admin/Site Visits
Permitting or DNR Approvals Applications (permit costs to be paid by City, not included in total, permit fees are assumed around $1,500)

<u>PROJECT B – Buckingham Rd. to Roby Road. (includes on street work on Buckingham Rd.)</u>
TOTAL Cost Project B - $335,000 – 381,000

<u>Budgetary Construction Cost Estimate:</u> $290,000 – 329,000
~$65,000 – 80,000 =8' wide asphalt trail @ 1,300'
~$120,000 = 450 LF Retaining Wall and Guardrailing
~$10,000 = Street Crossing Improvements
~$25,000 – 38,000 = GC/Mobilization/Sitework
~$10,000 = EBS (Excavation below Subgrade, in areas with poor soils to be gravel or future asphalt pavement)
~60,000 – 70,000 = 20% Contingency and other Misc Items

<u>Assumptions</u>

- Total trail length ~0.25 mi. (1,300 LF) as 8 ft wide asphalt from Roby Road to Buckingham Street.
- Retaining wall required along Stormwater basin in Virgin Lake Park – confirm property boundary at existing hedge row. Confirm storage capacity and impact of fill for trail prior to development.
- 2' gravel shoulder each side unless otherwise constrained, then shoulder to be grass.
- No parking, restroom, or other site amenities to be included at this time.

<u>Fee Budget Range:</u> $45,000 – 52,000
Fee includes -
Geotechnical Report
Survey
Design/Construction Documents (Retaining Wall Design, Stormwater Analysis)
Bidding
Construction Administration (could be T&M)

<u>Includes all required:</u>
Stormwater Management Plan
Design/Construction Documents
Bidding Documents and Coordination
Construction Admin/Site Visits
Permitting or DNR Approvals (permit costs to be paid by City, not included in total, but assumed to be approximately $600)