

DEC Discuss Feasibility

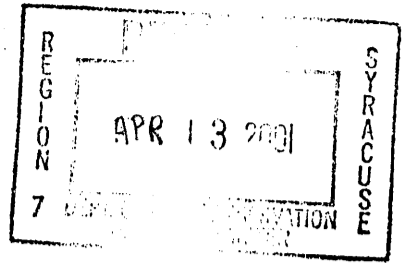
IF YES

Design

wetland recreation - Phase I
C AHT - cheapest of 100 yr plan

FILE COPY

MOU among parties
03 construction start



school involvement upland meadows
wetlands

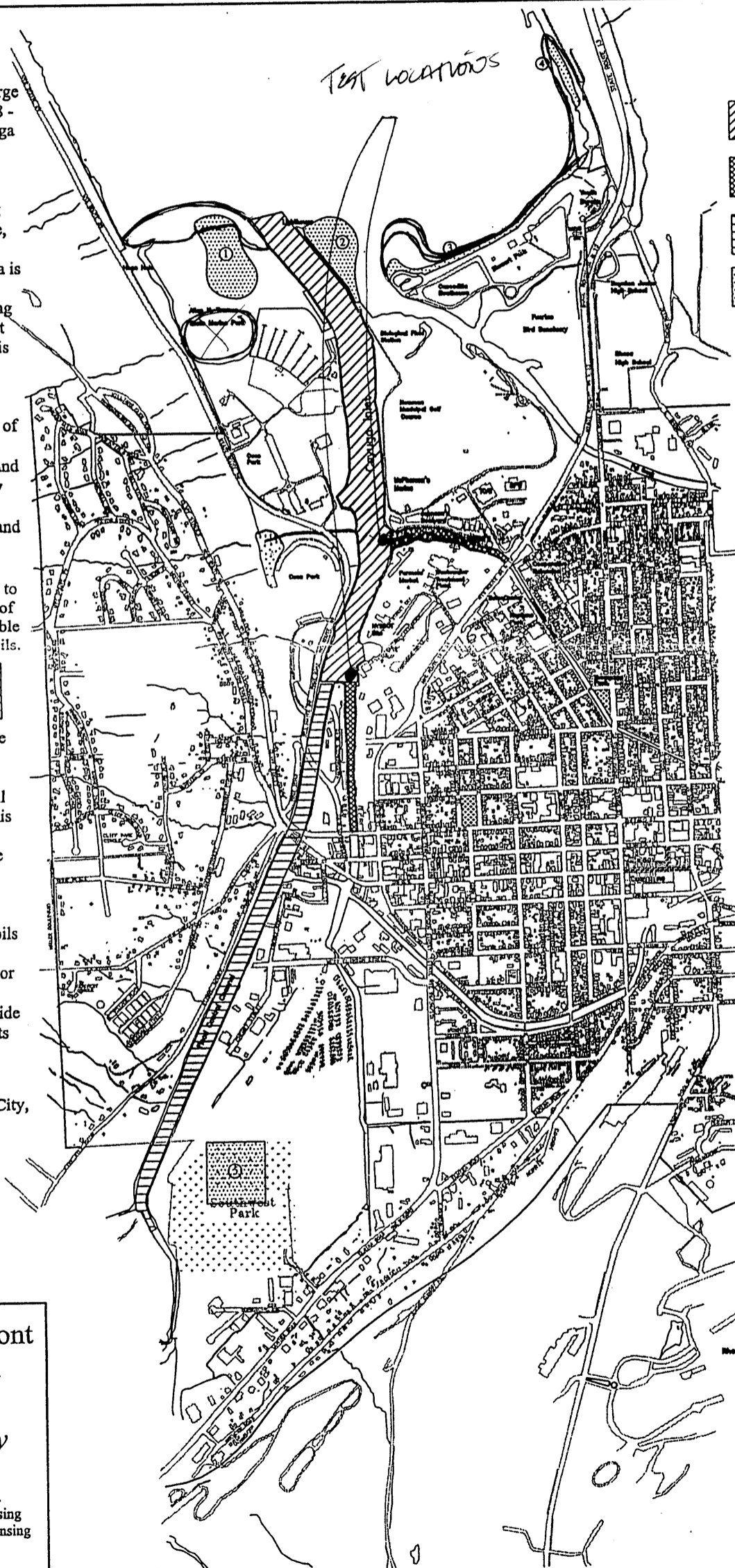
ISSUES

Dredging operations on the NYS Barge Canal System typically occur on an 8 - 10 year cycle. Dredging in the Cayuga Inlet was last done in 1982. At that time the dredge spoil site was near Hogs Hole in the Allan S. Treman State Marine Park. After dewatering of the dredge spoil site was complete, the site was regraded and seeded to create the current landform. If Ithaca is to continue supporting boating operations on the Inlet and developing its plans for a port facility at the Inlet Island, regular dredging of the Inlet is essential.

The Flood Control Channel was dredged in 1998 by the Army Corps of Engineers. Dredge spoils were dewatered on banks of the channel and trucked to three sites within the City and Town of Ithaca. The cost of trucking dredge spoils is very high and was paid for by the Army Corps.

The Canal Corporation is scheduled to dredge the Inlet during the summer of 2001, contingent upon finding a viable strategy for dealing with dredge spoils. An area approximately 12 to 15 acres will be required to accommodate the spoils. Three potential strategies for disposal have been identified:

1. Identify a permanent dredge spoil site within one mile of the Inlet. This would be the preferred solution, allowing for regular dredging by the Canal Corporation at the State's expense.
2. Identify site(s) where dredge spoils can be used to provide suitable fill material for proposed development or enhancing public access to the waterfront. This solution may provide benefits for current or future projects within the City.
3. Truck dredge spoils (after dewatering) to suitable sites in the City, Town or County. Cost of trucking materials is very high.



LEGEND

- CHANNEL TO BE DREDGED BY CANAL CORPORATION
- CHANNEL TO BE DREDGED BY CITY OF ITHACA
- AREA DREDGED IN 1998 BY ARMY CORPS OF ENGINEERS
- POSSIBLE DREDGE SPOIL SITE

POSSIBLE SITES

Following are possible dredge spoil sites have been identified by the Canal Corporation and during the LWRP planning process:

- ① Tremans State Marine Park Site has been pre-approved by DEC for dredge spoil storage. OPRHP is opposed to using this site for dredge spoil storage. The site is identified as 'managed tall grassland' in the June 1995 Park Master Plan. (16 Acres +/-)
- ② Lighthouse Pier Create permanent spoil site on east side of lighthouse pier with fishing and pedestrian access around outside edges. (12 Acres +/-)
- ③ Stewart Park Edge Dredge spoils, if suitable, could be used to repair and fill a narrow band of land along the lake edge of the park, which is currently eroded and in poor condition. (10 Acres +/-)
- ④ East Shore Drive Chamber to Marina Providing a 20 - 50' fill area between the Chamber and East Shore Sailing Club would allow a trail extension between the Chamber Visitors' Center and East Shore Sailing Club. (3 Acres +/-)
- ⑤ Southwest Park The City is considering developing large portions of Southwest Park. Preliminary plans indicate that a large amount of fill will be required to raise portions of the site above flood levels. If dredge spoils are suitable for structural fill, this may be an excellent opportunity for depositing dredge spoil materials. (13 Acres +/-)

Cayuga Lake Waterfront Revitalization Plan Waterfront Access Opportunities - City

Clients:
 Tompkins County City of Ithaca
 Town of Ithaca Town of Lansing
 Town of Ulysses Village of Lansing
 Village of Cayuga Heights

Consultants:
 Trowbridge & Wolf Landscape Architects
 Planning/Environmental Research Consultants