

Lake County Illinois

*Lake County Courthouse and Administrative Complex
18 N. County Street
Waukegan, IL 60085-4351*



Agenda Report - Final

Wednesday, October 8, 2008

10:30 AM

Assembly Room, 10th Floor

Public Works and Transportation Committee

1. Call to Order
2. Pledge of Allegiance
3. Approval of Minutes
4. Public Comment
5. Added to Agenda
6. Old Business

- 6.1 08-0688 Joint Resolution authorizing execution of a Water Supply and Sales Agreement between Aqua Illinois, Inc., the Village of Hawthorn Woods and the County for the provision of water supply to the Hawthorn Woods / Glennshire Water System.

- This agreement provides the contractual mechanism by which Aqua Illinois, Inc. will sell bulk water to the County for distribution to the Hawthorn Woods / Glennshire Water System, and the ability for payment to the Village of Hawthorn Woods for their connection fees and recapture payments.
- The Hawthorn Woods / Glennshire (HWG) Water System contains 224 residences and is scheduled to have a new code compliant water system installed to replace the current 50 year old well system that was not originally constructed to public water system standards.
- Aqua provides a public water supply to other areas within the Village by agreement between Aqua and the Village, and the Village has proposed that no HWG area water storage facility be constructed and that the County obtain and purchase its bulk water supply from Aqua.
- The original 1975 County / Village contract provided that improvements to the HWG area water system shall be paid by revenues from the HWG area. To construct a new State Code - compliant PWS, the County intends to issue subordinate revenue bonds, secured by revenues generated by a surcharge (s) applied to the water bills of HWG area customers.
- The HWG area residents filed a federal lawsuit, on May 29, 2008 against the County, which challenges the County's ability and authority to impose and collect a surcharge on HWG area customers water bills to pay for the costs of the subordinate revenue bonds to be used to fund the construction and other costs of the new HWG area PWS. That lawsuit remains pending.
- This resolution authorizes execution of a Water Supply and Sales Agreement, between Aqua Illinois, Inc., the Village of Hawthorn Woods and the County for the provision of water supply to the Hawthorn Woods / Glennshire Water System.

- 6.2 08-0689 Joint Resolution authorizing execution of a Wholesale Agreement for Sewage Disposal between the Village of Hawthorn Woods and the County.
- The Village of Hawthorn Woods has submitted plans for a sanitary sewer interceptor system that would be owned and operated by the Village with connection to the Village of Lake Zurich for conveyance purposes and ultimate treatment at the County's Des Plaines River Water Reclamation Facility.
 - The County does not currently have a wholesale sewer agreement with the Village, but does provide retail sewer service by contract within Village limits.
 - A wholesale agreement has been under development for months and includes provision to provide sewer service to six (6) separate areas with a total of 394 acres and a maximum projected flow limit of 3000 P.E.
 - In addition there is a limitation on the residential component of the proposed development. A maximum of 50% of the total 3000 P.E. or not more than 1500 P.E. may be developed with non age restricted residential units.
 - This resolution authorizes execution of a Wholesale Agreement for Sewage Disposal between the Village of Hawthorn Woods and the County.

Attachments: [2008.09.25 Lake County-Hawthorn Woods Wholesale Sewer Agreement.pdf](#)
 [2008.09.25 All Exhibits.pdf](#)

7. **New Business**

- 7.1 [08-0790](#) Joint Resolution authorizing execution of an agreement for consulting engineering services with Civiltech Engineers, Inc. for the provision of Phase II design engineering services for joint repair and pavement grinding of Arlington Heights Road/*County Highway 79*, (Illinois Route 83 to Lake Cook Road) and also the proposed add lane to Buffalo Grove Road/*County Highway 16* (Illinois Route 83 to Deerfield Road) at a maximum cost of services described of \$244,371; and appropriates \$150,000 of Motor Fuel Tax funds and \$145,000 of Sales Tax funds for Transportation and Public Safety.

- Arlington Heights Road (Rt. 83 to Lake Cook Rd), resurfacing and Buffalo Grove Road (Deerfield Rd to Rt. 83) add southbound lane, Phase II Engineering Services: Consultant Agreement.
- The selected and recommended firm is Civiltech Engineering, Inc., Itasca, Illinois to undertake Phase II design engineering services for these two projects at a maximum cost of services described of \$244,371.
- This resolution appropriates \$150,000 of Motor Fuel Tax funds and \$145,000 of Sales Tax for Transportation and Public Safety funds for these engineering services designated as Section 08-00999-02-EG.

- 7.2 [08-0748](#) Joint Resolution authorizing the execution of the final IDOT Local Agency Agreement for jurisdictional transfer of three (3) remaining segments of Harris Road from IL Route 137 to Peterson Rd from the Fremont Township Road District to Lake County, to become part of the Midlothian Rd Extension (*County Highway 48*).
- Harris Road (Three Segments): IDOT Jurisdiction Transfer from Fremont Township Road District
 - Harris Road was added to the County Highway System at the July 12, 1994 meeting and is currently under the jurisdiction of three entities; Fremont Township road District, the Village of Libertyville and the Village of Grayslake.
 - This transfers the jurisdiction of the Fremont Township Road District portion (*3 Segments*) of Harris Road to Lake County.
- Attachments:** [6.4 harris_20081001161933.pdf](#)
- 7.3 [08-0749](#) Joint Resolution authorizing the execution of the final IDOT Local Agency Agreement for jurisdictional transfer of Casey Road from US Rte 45 to IL Rte 137 from the Village of Grayslake to Lake County to become part of County Highway 48.
- Casey Road: IDOT Jurisdiction Transfer from Village of Grayslake.
 - Casey Road (US Rte 45 to IL Rte 137) was added to the County Highway System at the July 12, 1994 meeting and this portion of Casey Road is currently under the jurisdiction of the Village of Grayslake.
 - This transfers the jurisdiction of this portion of Casey Rd from the Village of Grayslake to Lake County.
- Attachments:** [Casey Rd w addndm_20081003094530.pdf](#)
- 7.4 [08-0750](#) Joint Resolution authorizing the execution of the final IDOT Local Agency Agreement for jurisdictional transfer of the one remaining segment of Harris Road from IL Route 137 to Peterson Rd from the Village of Grayslake to Lake County to become part of the Midlothian Rd Extension (County Highway 48).
- Harris Road (One Segment): IDOT Jurisdiction Transfer from Village of Grayslake.
 - Harris Road was added to the County Highway System at the July 12, 1994 meeting and is currently under the jurisdiction of three entities; Fremont Township Road District, the Village of Libertyville and the Village of Grayslake.
 - This transfers the jurisdiction Village of Grayslake portion (*1 Segment*) of Harris Road to Lake County.
- Attachments:** [Harris 1 sgmt w addndm_20081003092448.pdf](#)
- 7.5 [08-0754](#) Joint Resolution authorizing an emergency appropriation in the amount of \$200,000 in the Division of Transportation's budget due to an increase in fuel prices and consumption demands due to the severe winter, authorizing an increase in the expense budget; and request its adoption.

- An emergency appropriation of \$200,000 is needed in the DOT budget due to the increase in fuel prices and consumption demands due to the severe winter.
 - Funds were budgeted in GOE as a fuel contingency, and the emergency appropriation is now needed.
- 7.6 [08-0735](#) Committee Action Memo to approve the Fall 2008 Adopt a Highway Program
- [Adopt Adopt-A-Highway Program; Fall 2008 Application Cycle: Approval](#)
 - In accordance with the Lake County Adopt-A-Highway Ordinance, applications have been received for the fall 2008 application period.
 - The Public Works and Transportation Committee must approve the allocation of roadway segments, and the posted names, for volunteers groups that have applied.
 - A staff report will be given on the applications received and recommendations for allocation.
- 7.7 [08-0733](#) Butterfield Road north of IL Route 176: Possible Disposition of Excess County Right-of-Way. (*Committee Direction*)
- [Butterfield Rd: Excess ROW](#)
 - Lake County owns (2) two parcels of possible excess right-of-way along Butterfield Road, northerly of IL Route 176.
 - There are two parcels that will not be utilized for county highway purposes and an adjacent property owner has expressed interest in acquiring both parcels.
 - Appraisal of both parcels will cost \$1,500.
- 7.8 [08-0738](#) Project on County Letting of Tuesday, October 21, 2008 (*Informational*)
- Darrell at Burnett Road: Intersection improvements and traffic signal installation.
 - 2009 Road Maintenance Materials.
- 7.9 [08-0786](#) Director's Report - Transportation
- 7.10 [08-0762](#) Review of recommendations developed by the Technical Advisory Group for mitigation of pollutant loading to Mill Creek due to expansion of the Mill Creek Water Reclamation Facility.
- The Mill Creek Water Reclamation Facility (WRF) is proposed to be expanded from 1.0 MGD to 2.1 MGD to accommodate new development in the Northwest Facility Planning Area.
 - The area includes the Village of Old Mill Creek, the eastern portion of the Village of Antioch, and unincorporated areas of Lake County including Grandwood Park.
 - The WRF is located within the Village of Old Mill Creek.
 - In preparation for receiving an endorsement from the environmental community for the County's IEPA application for expansion, Public Works formed a Technical Advisory Group (TAG) to help work through an assessment of alternatives and potential impacts in accordance with

state anti-degradation rules.

- The group included other County Departments, including DOT, Health, PBD, SMC and FP, and outside groups including IDNR, Sierra Club, Open Lands, the Village of Antioch, Village of Old Mill Creek and the Village of Wadsworth.
- The TAG recommended that the County, the Village of Antioch and the Village of Old Mill Creek take a watershed-scale approach to reduce the potential impacts associated with the proposed WRF expansion.
- The TAG developed fifteen (15) recommendations and the estimated budget impact to the County over the next five years of implementation would be approximately \$400,000.
- If the Committee concurs, with the recommendations, the Department will develop a resolution that endorses the implementation of the recommendations as part of the plant expansion project.
- It is expected that the County will receive a Letter of Support from the environmental advocacy groups which should allow CMAP to give a favorable recommendation for the plant expansion, and allow IEPA to approve the Design Basis Report.

7.11 [08-0763](#)

Joint Resolution authorizing execution of an Agreement for Professional Services with Earth Tech, Inc., Sheboygan, WI in the amount of \$620,500 for engineering services associated with the Mill Creek Water Reclamation Facility Expansion Project.

- The Mill Creek Water Reclamation Facility (WRF) is proposed to be expanded from 1.0 MGD to 2.1 MGD to accommodate new development in the Northwest Facility Planning Area (NWFPFA).
- The NWFPFA includes the Village of Old Mill Creek, the eastern portion of the Village of Antioch, and unincorporated areas of Lake County including Grandwood Park.
- The WRF is located within the Village of Old Mill Creek and the engineering design requires specialized engineering services.
- The Public Works Department solicited and received statement of qualifications from professional engineering firms in accordance with the Quality Based Selection process and evaluated the statement of qualifications based on several criteria and determined that Earth Tech, Inc. was the most qualified firm to provide professional engineering services for this project.
- Lake County has had a prior satisfactory relationship for professional services with Earth Tech, Inc.
- An agreement has been negotiated with Earth Tech, Inc. to provide the necessary engineering services.
- This resolution authorizes the Purchasing Agent to execute the Agreement for Professional Services with Earth Tech, Inc., Sheboygan, WI in the amount of \$620,500 for engineering services associated with the Mill Creek WRF Expansion Project, charging the costs thereof to various accounts.

7.12 [08-0791](#)

Director's Report - Public Works

8. Executive Session

8.1 [08-0636](#) Executive Session

- Committee action regarding semi-annual review of closed session minutes.

9. County Administrator's Report

9.1 [08-0743](#) Discussion of proposed initiatives for 2009 State and Federal Legislative Programs

- As part of the development process for the 2009 State and Federal Legislative Programs, the proposed initiatives are first presented to the Review, Records and Legislation Committee.
- The proposed initiatives are then presented for discussion and input by the relevant standing committee.
- A list of the proposed initiatives will be forwarded prior to the meeting.
- The standing committees' input will be provided to the RRL Committee to aid in their deliberations in preparing the final State and Federal Programs.

10. Adjournment