

Public Works & Capital Projects Committee

Regular Meeting Minutes

DATE & TIME: May 5, 2016, 6:30 PM
LOCATION: K. L. Binder Library, 6th Floor, COB, Kingston, NY
PRESIDING OFFICER: Chairman Dean Fabiano
LEGISLATIVE STAFF: Nettie Tomshaw
PRESENT: Peter Loughran, Manna Jo Greene, Herbert Litts III
EXCUSED: James Maloney
QUORUM PRESENT: Yes
OTHER ATTENDEES: Susan Plonski Commissioner Public Works, Chris White Deputy Director of Planning, Kathy Nolan UC Trails Advisory & UC Tourism Advisory Committees, Nick Mercurio – Public

Chairman Dean Fabiano called the meeting to order at 6:30 PM.

Legislator Greene arrived at 6:35 PM

Legislator Maloney was unable to attend due to prior engagement - scheduling conflict.

Motion No. 1 Resolved to Approve Meeting Minutes – March 30, and April 7, 2016
Motion Made By: Legislator Herbert Litts
Motion Seconded By: Legislator Peter Loughran
Voting In Favor: Legislators Fabiano, Loughran, Litts,
Voting Against: None
No. of Votes in Favor: 3
Disposition: Carried

Resolutions

Motion No. 2 Resolved to Approve Resolution No. 261
Text of Motion: Approving The Execution Of A Contract Amendment In Excess Of \$50,000.00 Entered Into By The County – Arold Construction Co. Inc. – Department Of Public Works
Motion Made By: Legislator Herbert Litts
Motion Seconded By: Legislator Peter Loughran

Discussion: Chairman Fabiano provided an overview of this contract resolution which provides for cured-in-place pipe rehabilitation services for Western Avenue & King Street Drainage (County Road 17) in the Town of Marlborough. 100% other \$249,950.00, 6/27/16 - 9/2/16.

Motion Made By: Legislator Herbert Litts

Motion Seconded By: Legislator Peter Loughran

Voting In Favor: Legislators Fabiano, Loughran, Litts

Voting Against: None

No. of Votes in Favor: 3

Disposition: Carried

Motion No. 3 Resolved to Approve Resolution No. 264

Text of Motion: Approving The Execution Of A Contract Amendment In Excess Of \$50,000.00 Entered Into By The County – Winn Construction Services, Inc. – Department Of Public Works

Motion Made By: Legislator Herbert Litts for discussion

Motion Seconded By: Legislator Peter Loughran

Discussion: Chairman Fabiano noted this contract is for work that has been approved and long overdue. Construction services, bridge replacement BN 3347630 on CR31 (Sawkill Rd) over the Sawkill Creek 80% Federal, 15% State, 5% County \$2,706,655.00, Job time frame 6/1/16 – 12/31/16. Legislator Litts asked the commissioner who Winn Construction from Amsterdam, NY was. Commissioner Plonski was unsure but noted they were the lowest bidder by a large margin. TIP Project. AE Com will do the inspection.

Motion Made By: Legislator Peter Loughran

Motion Seconded By: Legislator Herbert Litts

Voting In Favor: Legislators Fabiano, Loughran, Greene, Litts

Voting Against: None

No. of Votes in Favor: 4

Disposition: Carried

Motion No. 5 Resolved to Approve Resolution No. 270

Text of Motion: Authorizing The County Legislature To Conduct A Public Hearing For The Proposed Acquisition For Public Purpose Of Property For The Construction Of The Hudson Valley Rail Trail West: Phase 4 In The Town Of Lloyd, Department Of Planning

Motion Made By: Legislator Dean Fabiano for discussion

Motion Seconded By: Legislator Peter Loughran

Discussion: The Planning Department recommended this public hearing pursuant to Section 210 of the Eminent Domain Procedure Law to inform the public and explain the impact on the environment and residents affected. The Deputy Director of Planning Chris White explained the county doesn't expect to leverage eminent domain as the land is mostly state property with the exception of six properties. Two of the property owners had objections however the county was able to go beyond the perimeter of the properties, thus not a factor. Another owner may donate his property after an appraisal determines the value. The county is working diligently on the other three properties in the hope easements will be granted. Chris White provided a map depicting Phase 4 on the HV Rail Trail West.

Legislator Greene expressed her support to hold a public hearing – which by law will be a formal process with detailed explanations presented to the public.

Chairman Fabiano confirmed this public hearing will cover all property owners concerned for the entire overall trail project. No other hearings will be required as this is state right-of-way land.

Motion Made By: Legislator Peter Loughran
Motion Seconded By: Legislator Manna Greene
Voting In Favor: Legislators Fabiano, Loughran, Greene, Litts
Voting Against: None
No. of Votes in Favor: 4
Disposition: Carried

Motion No. 6 Resolved to Approve Resolution No. 275

Text of Motion: Amending Resolution No. 162 Establishing Capital Project No. 475 “Building A Better Ulster County” Infrastructure Investment Program – Slope Analysis & Stabilization – 2016-2021 Capital Program – Department Of Public Works (Highways & Bridges)

Motion Made By: Legislator Herbert Litts for discussion

Motion Seconded By: Legislator Peter Loughran

Discussion: Due to lower than anticipated costs, this resolution provides for one additional slope analysis and stabilization work at DeWitt Lake Road for a total of six (6) slope analysis and repairs within the scope of worked outlined in Capital Project No. 475.

Motion Made By: Legislator Dean Fabiano

Motion Seconded By: Legislator Peter Loughran

Voting In Favor: Legislators Fabiano, Loughran, Greene, Litts
Voting Against: None
No. of Votes in Favor: 4
Disposition: Carried

Motion No. 7 Resolved to Approve Resolution No. 276

Text of Motion: Amending The 2016 Ulster County budget – CHIPS Funding Adjustment – Department Of Public Works (Highways And Bridges)

Motion Made By: Legislator Peter Loughran

Motion Seconded By: Legislator Manna Greene

Discussion: Chairman Fabiano conveyed this resolution accepts an increase in CHIPS funding of \$605.14 and \$299,464.79 approved rollover balance for Ulster County Highway Capital Improvements for state fiscal year 2016-2017.

Voting In Favor: Legislators Fabiano, Loughran, Greene, Litts

Voting Against: None

No. of Votes in Favor: 4

Disposition: Carried

Motion No. 8 Resolved to Approve Resolution No. 277

Text of Motion: Amending The 2016 Ulster County Budget – PAVE-NY Funding Appropriation – Department Of Public Works (Highways And Bridges)

Discussion: Commissioner Plonski explained this resolution accepts an additional \$687,313.00 funding for Ulster County road pavement projects from NYS Dept. of Transportation PAVE-NY program. Towns of Denning, Esopus, Gardiner, Hardenburgh, Hurley, Kingston, and City of Kingston also received funding.

Motion Made By: Legislator Dean Fabiano

Motion Seconded By: Legislator Peter Loughran

Voting In Favor: Legislators Fabiano, Loughran, Greene, Litts

Voting Against: None

No. of Votes in Favor: 4

Disposition: Carried

Old Business

Legislator Litts thanked Commissioner Plonski and staff for the Springtown Road Culvert #11291, New Paltz analysis report. Chairman Fabiano agreed and acknowledged DPW’s swift response addressing both the public’s concerns and committee.

Legislator Litts asked what the cost would be to raise the road grade to eliminate flooding. Legislator Greene expressed the same thoughts to prevent future flooding in its entirety if costs allow.

Commissioner Plonski in writing responded the next day stating, “When we do a topographic survey of the site we will have a better idea of the road profile. We can then look at whether the road in the immediate vicinity of the culvert is a lull. If so, we may be able to slightly raise the road profile, however we would need to confirm that the Town’s building department would allow this work in the flood plain.”

A topographic survey will likely be done this fall.

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SUSAN K. PLONSKI
Commissioner

BRIAN CUNNINGHAM
Deputy Commissioner

SPRINGTOWN ROAD CULVERT, SOUTH OF DUG ROAD (TOWN OF NEW PALTZ)

Ulster County DPW engineering staff (DPW) performed an analysis of the above-referenced culvert. The existing culvert is a corrugated metal pipe with a diameter of approximately 6 feet carrying Springtown Road (County Road 18A) over the Kline Kill. The Kline Kill's confluence with the Wallkill River is located immediately downstream from the culvert outlet. This analysis is focused on the culvert's ability to convey the waters of the Kline Kill, which assumes the outlet is unsubmerged. The influence of the Wallkill River on the culvert is **not included** in this report.

The existing structure's flow capacity was studied first. DPW visited the site to obtain required measurements. Using the Federal Highway Administration's (FHWA) *Hydraulic Design of Highway Culverts*, it was determined that the existing structure has the ability to convey 280 cubic feet per second (cfs). In comparing this flow with the output of regression equations used in the United States Geological Survey's (USGS) *StreamStats*, the existing culvert is capable of conveying flows associated with the 2 year storm event (50% chance of occurrence in any given year). Ulster County DPW aims to convey a minimum of a 25 year storm event through its culverts, and to provide the ability to pass the 50 and 100 year events when practically possible.

The proposed replacement structure is a three-sided box culvert. This is the most economical replacement method available. The proposed culvert utilizes steel sheet piles for abutments and wingwalls, and a pre-cast concrete deck with asphalt overlay. The proposed culvert measures 17 feet wide (measured from abutment face to abutment face along the roadway centerline) and 7 feet high (measured from existing culvert bottom to the proposed bottom of the pre-cast concrete deck). This culvert would have the ability to convey approximately 1,100 cfs, which roughly equates to a 50 year storm event. The approximate cost of the culvert is \$92,000 if Ulster County DPW completes the project in-house.

In summation, the replacement of the culvert with the proposed three-sided box culvert will increase its hydraulic conveyance by almost 4 times that of the existing culvert. However, this is neglecting the effects of the Wallkill River. In events where the Wallkill rises and submerges the outlet of the culvert, the larger structure will do little to alleviate flooding in the vicinity. The 2009 Flood Insurance Study of the Wallkill River shows a water elevation of 185 feet at the approximate location of the culvert during a ten year flood event. This elevation will submerge the outlet of the structure, and likely crest the roadway.

HE = How much to raise the road/grade - See response attached.

Adjournment

There being no further business, a motion to adjourn was made by Legislator Litts and seconded by Legislator Loughran, all were in favor, and Chairman Fabiano declared the meeting duly adjourned at 7:00 PM

Nettie Tomshaw, Legislative Staff
Minutes Approved on: June 9, 2016