



REZEK, HENRY, MEISENHEIMER
AND GENDE, INC.

ATKINSON ROAD RECONSTRUCTION STATUS REPORT January 25, 2010

Schedule and Road Closures

UPDATE: Forest Glen Residents please take note that beginning February 1st the contractor will be back onsite to remove the existing culvert crossing on Anderson Drive just North of Irene Lane and replace it with a larger culvert. At this crossing Anderson Drive will be limited to a single lane with temporary stop signs installed. Please be aware to yield to oncoming traffic as it is crossing the culvert. Schedule and work description is described below.

Phase 1 - Construction is currently on schedule:

- Tree clearing for all Village and Libertyville Township Property needs in the Right-of-Way is complete.
- The additional clearing required by Libertyville Township for the west side of the parcel is on hold until further notice.
- Construction of the flood control basin is nearing completion on the Libertyville township property. Finish Grading for the south 300-feet of the site will be completed in conjunction with Phase 2. Temporary seeding up to the stockpiles has been performed.
- Storm sewer for all of Phase 1 is complete.
- Construction of the noise berm on the north side of Atkinson Road just west of the tollway (spoil disposal from flood control basin) will be reopened again to receive the dirt excavated from the culvert excavation on Anderson. Final topsoil shaping and restoration is to take place in April/May.
- Reconstruction of Atkinson Road from the Tollway Bridge to just west of Anderson Drive is complete and is open to traffic.

Phase 2 - Phase 2 is being constructed in two segments as follows:

- **Phase 2A – Anderson Drive to Fox Run** – Binder course paving was completed and this section of road was opened to local traffic on October 3rd. Aggregate shoulders and temporary striping work is complete. And ditch and right-of-way restoration is also complete. Upcoming work will be the installation of the bike path from Anderson to the existing path and touch up restoration where needed.
- **Phase 2B – Fox Run to Benson Lane** – The remaining roadway is being reconstructed during this phase and access west of Fox Run will not be



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permitted. Temporary access will be provided from the west to serve the homes that front Atkinson. This phase of the project is now complete.

The following additional activities are scheduled to begin in Winter/Spring of 2010 within the Forest Glen Subdivision:

- Regrading of the South Branch Creek from the east side of the Libertyville Township parcel to Anderson Drive.
- Construction of a new arch span culvert on Anderson Drive just north of Irene (Will involve the removal of one half of Anderson Drive at a time and temporary one-way routing of traffic north of Irene).
- Installation of a small sewage lift station on Anderson Drive by Irene.
- Each respective phase of work will take approximately 3 to 4 weeks to complete. (weather permitting) **Since work is scheduled to begin on February 1st the anticipated date for switching traffic from the west side to the east is the week of February 22nd. Final completion of the installation of the culvert and restoring Anderson is anticipated to be the beginning of April. Please note that the paving of Anderson may be delayed until the asphalt plants open for the season.**

Related Work by Libertyville Township

Since the previous information packet and the April 8th Public Information Meeting, Libertyville Township has decided (on its own) to create a wetland mitigation bank on the remainder of its Atkinson Road property. In conjunction with this, all of the buckthorn and other non-native invasive species will be removed in their entirety from the site and replaced with native wetland and prairie plantings. However, the mature grove of oak trees in the southwest portion of the site will remain. The existing trails on the site will also be refurbished.

As noted above, this additional clearing work has been put on hold until further notice by Libertyville Township.

Questions about this additional clearing and re-vegetating of the Township's property should be directed to Libertyville Township (847/816-6800).

Frequently Asked Questions (F.A.Q's)

Q: What is Right-of-Way?

A: Right-of-Way is public land dedicated to the municipality for the purpose of roadway, utility, and drainage items. Most of Atkinson Road resides in a 70-foot wide Right-of-Way. Properties along Atkinson DO NOT own land up to



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the edge of the road. On average the property line is between 20 and 30-feet away from the edge of the roadway.

Q: What is meant by the 15-foot buffer along the east side of the Township property?

A: The 15-buffer that was discussed in the public meeting is a grading buffer for the flood control basin. What it means is that the earthwork of the basin will match the existing land 15-feet west of the property line. In order to build the site it is quite possible that machinery will travel in this buffer area to make the match. For these reasons it was necessary to remove the vegetation within the buffer.

Q: Will the project be completed this year?

A: As noted in the schedule the contractor has completed the installation of the storm sewer, grading and asphalt binder to allow for the opening of Atkinson road to thru traffic by November 15th. All major roadwork activities along Atkinson are now done for this year. In April/May of 2010 the contractor will return to apply the final 1 ½" of asphalt surface on the road surface for the entire project. This will require temporary closures to the road for about 1 week. It is also expected at this time that all other activities on Anderson Drive and the Flood Control Basin will also be completed as well.

Q: Why is the new trail that will be constructed on the north side of Atkinson Road on the north side of the Township Property not being extended further west to Crest or Benson Road?

A: Unfortunately, there is not adequate room within the road right-of-way for such a trail extension. That is why the trail that is being proposed is located outside of the right-of-way on the Libertyville Township Property. Because of the constraint noted above, either additional right-of-way or an easement would have to be obtained from the property owners who own the properties west of the Township property. In addition, a large portion of the southeastern corner of the property immediately west of the township parcel is delineated wetlands, and more specifically designated Waters of the US under the jurisdiction of the US Army Corps of Engineers. Construction of a trail through this wetland would require an extensive permitting process and mitigation of the impacted wetlands.

Q: Will there be excess dirt available from the construction of the flood control basin that could be made available to residents?

A: At this time it has been determined that all excess dirt from the project will be used for construction of the roadway and for the noise berm that is to be placed on the north side of Atkinson Road just west of the Tollway.



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Q: Why does the berm look taller in some yards rather than others?

A: In reality the top of the berm is set at one elevation. The berm is taller in some areas rather than others because the rear yards along Anderson have as much as six feet in variation. The highest the water would ever get during the most extreme of storm events would be two feet below the top of the berm.

Q: Can the berm be constructed less steeply?

A: The berm was designed to be constructed at a slope of 4 feet horizontal to 1 foot vertical (4H:1V). This is considered to be a very manageable slope for mowers and tractors. The clay core in the center of the berm is actually constructed at a steeper grade of about 3H:1V. Based on feedback from the adjacent residents, after topsoil was initially placed, we have adjusted the steepness of the berm by placing topsoil further east towards the property line. However, this has encroached upon the 15 foot grading buffer used in the original design.

Q: Will the bike/pedestrian paths be open for school?

A: The bike/pedestrian paths through the township Open Space are now open.

Q: Why is the basin bottom left so rough?

A: The roughness of the bottom of the basin is deliberate and a requirement from both the Village's and the Township's wetland consultants. It has been found through experience with other wetland rehabilitation projects that a rougher bottom will actually encourage wetland planting growth.

Q: What seed is being used on the basin?

A: The seeding placed on the basin is winter wheat and is a temporary seed. Per Lake County Stormwater regulations a temporary cover crop is required to be planted on any graded area within 14 days of completion of grading activities.

Q: When will Wetland Plantings be performed in the basin?

A: Currently it is too late for proper installation of wetland plantings. It is more ideal to plant wetland plugs and seeds in early spring. Due to the Village's agreement with the Township, it has been recommended that wetland seeding/planting occur next spring in April/May of 2010. At that time the site will be raked and lightly plowed and wetland plantings will be planted.



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Q: Why is erosion blanket not installed across the entire site?

A: The biodegradable erosion blanket is recommended to be placed on slopes or areas that see frequent inundation with water. The blanket will hold the seeds and soil in place promoting fast growth of the cover crop. The limits of the blanket within the basin are the areas that would hold water for the more frequent rain events. For the remainder of the site, which should stay drier, hydromulch is appropriate for growth.

Q: Are motorized vehicles (ATV's, Motorcycles, Etc) permitted on the Township site?

A: The used of private motorized vehicles on the township site is NOT permitted and violators will be ticketed accordingly. Both the Township and the Village welcome the public to enjoy the open space property so long as the activity is non destructive. We ask that residents please refrain from using motorized equipment in the open space property.

Q: Water ponding?

A: The recent rains have created some water ponding in unfamiliar (and some familiar) areas. For the yards abutting the South Branch Creek it is important to note that additional work will be performed in the future (see Phase 2B), which should significantly improve the drainage. Also note that by design the various temporary sediment and erosion control measures in place during construction will restrict and slow stormwater runoff. If you are experiencing ponding water in an area that you have not seen before, you are welcome to bring it to the engineer's attention either by calling the Village office or RHMG directly at (847) 362-5959.

Q: Is the Village planning to replace any of the vegetation that was removed along Atkinson Road?

A: The Village forester has been directed to prepare a potential replanting plan for review and consideration by the Village Board. If any replanting is done, it will not take place until spring of 2010.

Q: Why is the new pavement lower than the existing asphalt (bumps at Anderson and the bridge)?

A: During Phase 1 and 2 of this year we are installing only the asphalt binder courses. The final surface course will be installed over the entire project in spring of next year. The reason for this is to allow the contractor to use the pavement for restoration and ditch work which will scratch and mar the surface of the pavement. The asphalt binder placed on the road is 10.5-inches thick so the machinery will not damage the structural integrity of the roadway. This is common practice for roadway projects to withhold surface as the last activity.



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Q: How can I access the Heinz Orchard during construction?

A: During Construction access to the Heinz Orchard on Crest is accessible from Pearson Drive. Pearson is 1 block north of Atkinson on St. Mary's Road. Turn east onto Pearson and take it 2 blocks till it ends at Crest and then turn right (south). Proceed south to the end of the block.

Q: What is the archspan?

A: The archspan that is to replace the (5) 24-Inch concrete culverts under Anderson Drive just north of Irene is a large precast concrete arch that measures 14.5-feet wide by 4-feet tall. The arch is very similar to a bridge and will be installed by removing ½ of the road at a time. The arch will sit on a concrete footing and feature endwalls constructed out of decorative concrete forms that simulate a limestone wall.

Q: What is the lift station?

A: The lift station that is to be installed in conjunction with the archspan is basically a large industrial sized sump pump for sanitary sewers. The current elevation of the sanitary sewer along Anderson at the creek crossing is the same elevation as the new archspan and will cause a conflict. To remedy this, an electrical pumping station will be installed just upstream (South) of the creek crossing. The sewerage will be pumped under the creek crossing through a forcemain and discharge into a new sanitary manhole that will be installed just downstream (North) of the creek crossing. The station will be built underground and have an access hatch, vent tube, and electrical control cabinet visible on the surface. Additional landscaping efforts are being examined to help minimize these items.

Q: What will the speed limit for Atkinson be?

A: The signs for Atkinson have been installed. The speed limit for all of Atkinson from Benson to the Tollway is 30 MPH.

Future Status Reports

Future status reports will continue to be posted on the Village's website (www.greenoaks.org) approximately every two weeks.