



ZIONSVILLE STREET AND STORMWATER DEPARTMENT

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STREET AND STORMWATER DEPARTMENT REPORT FOR THE MONTH OF SEPTEMBER, 2014

1. **STORMWATER PERMIT ACTIVITIES**

- a. Ten (10) stormwater pollution prevention plan inspections were conducted at permitted construction sites.
- b. Six (6) Stormwater Individual Lot Permits were issued for new residential construction projects.
- c. One (1) Stormwater Management Permit was issued for a new construction project.
- d. Working with the Sullivan Munce Cultural Center and the Zionsville Alpha Leos Club on a rain barrel design and education program. The Center has ten (10) local volunteer artists each designing one (1) rain barrel while the Leos are working collectively to decorate two (2) barrels. The Street and Stormwater Department has supplied twelve (12) rain barrels for the initiative and is coordinating a rain barrel workshop at the Sullivan Munce Cultural Center on October 11th at 10:00 am.
- e. Sat for and passed the Certified Floodplain Manager exam administered by the Association of State Floodplain Managers.
- f. With the assistance of the Wastewater Department, conducting follow-up outfall screening on storm sewers previously identified as having potential illicit discharges and/or illegal connections. Outfall screening for illicit discharges is required under the town's NPDES permit.

2. **STORMWATER MANAGEMENT BOARD**

No Activity.

3. STORMWATER PROJECTS AND DRAINAGE

- a. Work is nearing completion on a project to evaluate existing storm sewer infrastructure in the Village area and develop preliminary engineering plans for potential future improvements. The focus area for the project is approximately 1330 linear feet of storm sewer located primarily along Fourth Street from north of West Oak Street to south of Sycamore Street. This area collects runoff from the majority of the residential Village area and represents the furthest downstream, most significant capacity restriction.
- b. Work is ongoing on a project to evaluate existing storm sewer infrastructure in the Irongate subdivision and surrounding areas for storm sewer mapping verification purposes and capacity analysis. This area has a history of drainage problems during large rain events which have resulted in temporary road closures. The project is expected to be complete in October of this year.
- c. Completed an investigation into the localized flooding event that occurred in the Cobblestone Lakes subdivision in the area of Skipping Rock Court in April of 2013. Town staff has been working collaboratively with the developer of the subdivision, Pulte Homes, Inc., to investigate the issue and identify and evaluate potential mitigation strategies. In July of this year, the engineer working on behalf of the affected Cobblestone Lakes residents met with Pulte's engineering consultant and concluded that the source of the problem originates offsite, including areas that are beyond the town's jurisdiction for drainage, and that any mitigation strategy would have to address those offsite issues in order to be successful. Attempting to address the larger watershed issues contributing to the drainage problems in Cobblestone Lakes would be a considerable undertaking and likely beyond the scope of what the town or developer can reasonably be expected to pursue. Pulte's engineer did consider the possibility of managing the infrequent additional runoff within the Cobblestone Lakes stormwater management system, but given the large volume of water observed during the flooding event and the unpredictable nature of these offsite contributions, routing this water through the subdivision posed an unjustifiable risk to property downstream while also exposing all parties involved to increased liability. As it stands, this initiative has not produced a viable mitigation strategy for the town to consider for implementation; however, anticipated drainage improvements in the area related to the Hampshire development may help to reduce potential offsite runoff contributions to Cobblestone Lakes.

4. FIRST STREET PROJECT

The final design development plans were reviewed by the Infrastructure Committee this month and no revisions were contemplated. This completed the preliminary development of this project which will be put on hold pending funding.

5. BENNETT PARKWAY EXTENSION PROJECT

The warning siren has been installed and this project has reached substantial completion.

6. ADA/SECTION 504 COMPLIANCE

Town staff has met with the consultant, VS Engineering, preparing the Town's ADA Transition Plan to review the draft documents. VS Eng. is finalizing the plan components in anticipation of a public meeting within the next two months. The plan that will result from this initiative is required by Federal Highway in order for the Town to be eligible for federal funding for projects.

7. 2014 STREET REPAIR PROGRAM

This project is ongoing and expected to be nearing completion by the end of October.

8. 106TH ST. AND MAIN ST./ZIONSVILLE RD. SIGNAL PROJECT

A bid opening was held on September 11, 2014, with three contractors submitting bids for the project. The project specifications included a base bid utilizing traditional traffic signal detection loops wired to the controller, and an alternate bid for upgraded wireless traffic detection transmission. After review and clarification, the final bid results are as follows:

Contractor	Base Bid	Alternate Bid
James H. Drew Corp.	\$111,371.20	\$111,476.70
TC Electric, Inc.	\$117,464.70	\$121,239.70
The Hoosier Company	\$120,581.62	\$123,743.60

Accordingly, a Notice of Award for the Alternate Bid option has been sent to James H. Drew Corp. as the lowest responsive and responsible bidder, and contracts and other required forms are being prepared for execution.

As this project utilizes decorative signal poles and arms, in order to expedite the process the Town is procuring said elements separately from the contract. The drawings are expected any day from the supplier, and upon approval the equipment will go to production. This project is expected to be complete by the end of December, pending weather and specialized material production.

9. FORD RD. ROUNDABOUT

The second attempt to serve summons of the condemnation filing to the owner of the property at the southeast corner of the project was again rejected by Federal National Mortgage Association, Inc. (Fannie Mae) due to that entity's authority to transact business in the state of Delaware having been revoked. A third notice will be served directly at its national headquarters in Washington DC. Once service has been accepted, the legal process will continue with the court appointing appraisers to determine a value of the property.

10. CR 700 E. PATHWAY

The route survey for this pathway has been completed and the project requires additional funding to proceed to the next step of right of way engineering.

11. FORMER PNC BANK PROPERTY

Upon completion of the design development plans for the double roundabout at the intersection of Main and Sycamore Streets, A&F Engineering is identifying the necessary right of way for the roundabout so the remaining residual property can be sold if it is the will of the Council. A&F is preparing a service agreement for this work for execution by the town, after which the right of way engineering will commence. This task is unfunded and is expected to cost approximately \$4000. However, at that level, staff will identify an available funding source in order for the project to proceed.

12. NEIGHBORWOODS TREE PROGRAM

The Town applied for and received four (4) free 1 ½" caliper trees to supplement its annual streetscape initiative as part of a DNR grant. The trees have been picked up and await planting.

13. FALL LEAF COLLECTION

The seasonal curbside collection of leaves for residents in the urban service district will begin the week of October 20th.

14. FALL BRUSH AND LIMB COLLECTION

The fall round of brush and limb collection for residents in the urban service district has been established. This information has been posted to the Town's website, reminders have been published in the Zionsville Times Sentinel as well as printed on the recent sewer bills and is provided below.

PUBLIC NOTICE



Fall 2014 Brush & Limb Collection

The Town of Zionsville's Street & Stormwater Department will be providing curbside Brush & Limb Collection **beginning Monday, October 6, 2014**. This service provides Zionsville residents in the Urban district a means to dispose of certain Fall pruning and yard debris. We cannot guarantee the collection unless your items are out curbside by 7:30 a.m. on your designated pick-up day.

Limit on size is 6 inches in diameter. Grass clippings, leaves, decorative grass, vines, stumps, root balls, construction lumber, firewood, and wooden fencing material will **NOT** be collected. Bundling is not required. Limbs up to 6 inches in diameter may be left intact but should be no larger than can be managed by one person.

Monday Oct 6	Village Area (all) and Starkey Ave.
Tuesday Oct 7	Sugarbush Hill, Fox Hollow, Woodlands at Irishmans Run, Hunt Club Rd., Clifden Pond, Hunt Club Village, Olde Dominion, Ford Rd.
Wednesday Oct 8	Oak St. west of Ford Rd., Huntington Woods , Thornhill, Irongate, Village Walk, CR 600 S, Bloor Ln., Bloor Woods, Benderfield Dr.
Thursday Oct 9	CR 975 E, Buttondown Farm, Oakridge, Cedar Bend , Smith Meadows, Rockbridge, Spring Knoll, Preserve at Spring Knoll
Friday Oct 10	Raintree, Sycamore St. east of Main St., Timber Ridge, Longbrook, East side of Zionsville Rd., Old 106 th St.
Monday Oct 13	Colony Woods
Tuesday Oct 14	Cobblestone Lakes, Colony Square, Hanover Close, Mulberry St., Colony Ct., Pine Meadow Dr., Terrace Dr., Isenhour Hills Dr., Turkey Foot Ave.
Wednesday Oct 15	Templin Rd., Willow Rd. west of US 421, Becker Addition, Century Oaks, Colonial Heights, Northview, Coventry Ridge, Ravinia
Thursday Oct 16	Clarkston, CR 500 S, Temple Ave., Greenfield Rd., Lost Run Farms, Eagle Village, Zion Hills
Friday Oct 17	Austin Oaks, Brittany Chase, Willow Rd. east of US 421, Willow Glen, Willow Ridge, The Willows, Bridlewood, South side of CR300 S from US 421 to county line

For questions, please call 873-4544