

Drain: Pebble Brook Drain

Improvement-Arm: Little Chicago Road Improvement Phase I

Date Approved: June 9, 2008

Drain Input Checklist

- Create Regulated Drain Record in Posse _____
 - Drain Type
 - Outlet (Tab)
 - Outlet Attached
 - Location
 - Twp
 - Certification
 - Drain Number

- Enter Improvement Arm in Posse _____
(Construction Amount = Storm Drains, Erosion Control, Sub-surface drain & Earthwork)

- Scan Documents _____
 - Surveyor's Report
 - Engineer's Estimate
 - Notices
 - Findings and Order
 - Petition

- Create Posse Inspection Job _____

- Enter into Watershed Summary Spreadsheet _____

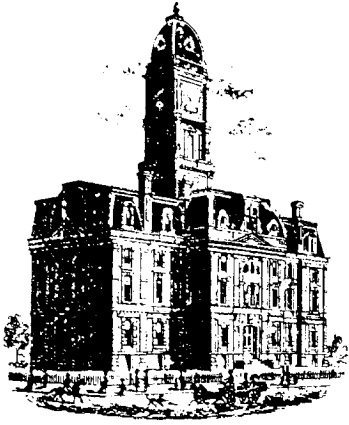
- Check for Vacation of Drain & Map Changes _____

- Check Drainage Easement Classification _____

- Sum drain length & Validate in GIS _____

- Enter New Watershed Length into Posse _____

- Create Boundary of Improvement in GIS _____



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June 6, 2008

To: Hamilton County Drainage Board

Re: Pebble Brook Drain, Little Chicago Road Improvement Phase 1 Project

Attached are asbuilts, plans, and other information for the Little Chicago Road Improvement Phase 1 project as done by the City of Noblesville. An inspection of the drainage facilities for this project has been made and the facilities were found to be complete and acceptable.

This report will serve as an initial and final report for this construction. This road project began north of State Road 32 and continued north to a point south of State Road 38. The project area is delineated on the asbuilt by the Donahue & Associates plans and file stamped dated November 8, 2007. During this construction the Pebble Brook Drain was affected. The changes are as follows:

#191 Pebble Brook Drain:

Pebble Brook Section 1: The improvements for Little Chicago Road at Sandbrook Drive removed the existing drain running between Structures 110, 111, 112, 113 as shown of the plans prepared by Schneider Engineering Corp., record drawing dated May 25, 1988, Sheet R-1. This removed 58 feet of 12" RCP. Also removed was an existing headwall- Structure 115. The existing tile was outleted into new box culvert structure (Structure 166). Structure 109-112 is an 18" RCP and it was shortened by 15 feet. This is shown on Sheets 11 and 12 on the Donahue plans.

Pebble Brook Section 2: The improvements for Little Chicago Road at Fairway Drive removed the existing drain shown on the plans prepared by Schneider Engineering Corp., Record Drawings dated May 25, 1988, Sheet R-4 and plan prepared by Paul I. Cripe Inc. Job No. 81348-00200 dated December 6, 1983, Sheet No. 8, running between Structures 120, 121, 122, 123 and 124. Also, a structure (196A) was set on the existing 15" RCP between Structures 119 to 123. These changes removed 75 feet of 12" RCP and 35 feet of 15" RCP. The improvements for Little Chicago Road also removed the existing outlet for Pebble Brook Section 2 which consisted of 955 feet of open ditch, 780 feet of 6" SSD and 173 feet of 4" SSD. Structure 129 was removed and existing 12" CMP and 4" SSD into new Structure 183B. This added 32 feet of 12" CMP. This is shown on Sheets 11 and 12 on the Donahue plans.

Pebble Brook Relocation – 1994: The improvements for Little Chicago Road removed the existing 58 feet of dual 72” RCP in the old right of way shown on plans prepared by MSE Surveying, Job No. 121-3706 dated January 16, 1998. This was the conduit for the open ditch crossing Little Chicago Road. These pipes were replaced by Structure 166 which consists of a 16’ x 6’ concrete box culvert as shown on Sheet 11 of the Donahue plans.

The new drainage structures will be regulated as a result of this project are as follows: 217A, 217B, 214, 215, 213B, 213A, 213B, 204B, 204A, 204B, 196B, 193, 195B, 195A, 190, 189B, 189A, 185B, 185A, 184, 183B, 183A, 181B, 181A, 179B, 179A, 177, 173B, 173A, 171, 169, 167, 166, 163, 155, 154, 153.

12” RCP - 642.2 ft.	18” RCP - 31 ft.	30” RCP - 296 ft.
12” CMP - 32 ft.	21” RCP - 48 ft.	36” RCP - 317 ft.
15” RCP - 68 ft.	27” RCP - 440 ft.	16’ x 6’ Box Culvert – 144 ft.

The total length of new drain is 2,018.2 feet. The length of Pebble Brook Drain removed was 2,207 feet. Therefore, this project removed 188.8 feet from the drain’s overall length.

Upon approval of the reconstruction, I recommend the Board approve the drain’s construction as complete and acceptable.

The work was completed within the right of way owned by the City of Noblesville and paid for by the City. Therefore, the project falls under the requirements as set out in IC 36-9-27-52.5. I recommend the Board approve the project at this time.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll