

Drain: OVERMAN - HARVEY Drain #: 32
Improvement/Arm: ARM 1 RELOCATION
Operator: J. LIVINGSTON Date: 5-18-2004
Drain Classification: Urban/Rural Year Installed: 1976

GIS Drain Input Checklist

- Pull Source Documents for Scanning JLJ
- Digitize & Attribute Tile Drains JLJ
- Digitize & Attribute Storm Drains JLJ
- Digitize & Attribute SSD JLJ
- Digitize & Attribute Open Ditch JLJ
- Stamp Plans JLJ
- Sum drain lengths & Validate JLJ
- Enter Improvements into Posse JLJ
- Enter Drain Age into Posse JLJ
- Sum drain length for Watershed in Posse JLJ
- Check Database entries for errors JLJ

Gasb 34 Footages for Historical Cost
Drain Length Log

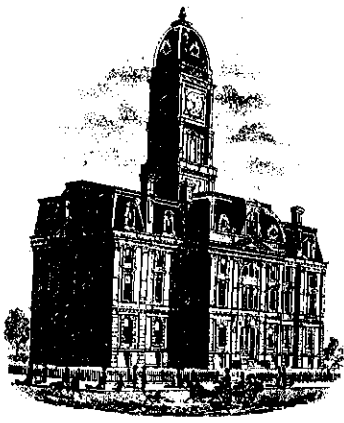
Drain-Improvement: OVERMAN - HARVEY - ARM 1 RELOCATION

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
RCP	12"	744'	744'		7.25/lf	5394. ⁰⁰
	15"	305'	305'		9.50/lf	2897. ⁵⁰
	21"	410'	410'		14.25/lf	5842. ⁵⁰
	36"	160'	160'		32.25/lf	5160. ⁰⁰
OPEN DITCH	-	1095.36'	1025.36'	-70'	19.55/lf	21,414. ²⁹

Sum: 2714.36' 2644.56' -70' \$46,708.²⁹

Final Report: 2714.36'

Comments:



VILLAGE FARMS
September 28, 1981

SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

773-6110 Ext. 19

Noblesville, Ind. 46060 September 28, 1981

To: Hamilton County Drainage Board

Re: Overman Harvey Drain

In 1976 Village Farms Section 2 was constructed in Section 14, T 18 N, R 3 E. The area in which this subdivision was platted was the same location in which Arm 1 of the Frank Overman Drain was located. At this time the said Arm was destroyed without Drainage Board approval.

Attached is a plan showing the storm sewer located in this subdivision. I have marked in red the portion of this storm sewer which is close to the location of what was the Arm of the Overman Ditch.

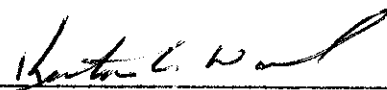
I believe that the storm sewer which is described below should be considered as the relocated Arm 1 of the Overman Drain. This Arm begins in a catch basin approximately 80 feet west of the northeast corner of lot 153 of Village Farms Section 2, thence run east 444 feet in a 12" RCP to a catch basin in the north east corner of lot 146 of said subdivision, thence S 00° 44' E in a 12" RCP 300 feet to a catch basin, thence S 18° 23' W in a 15" RCP 165 feet to a catch basin, thence 140 feet S 32° 15' E in a 15" RCP to a catch basin. The storm sewer then turns N 71° 02' E and runs 185 feet in a 21" RCP to a curb inlet then 25' in a 21" RCP to another curb inlet, thence 200' in a 21" RCP to a outlet emptying into a surface mater swale/retention area.

The swale runs S $00^{\circ} 44'$ E 105 feet, S $13^{\circ} 45'$ E 175.6', S $02^{\circ} 26'$ W 166.76', S $25^{\circ} 00'$ W 448 feet to a inlet. Thus in a 36" RCP S $20^{\circ} 00'$ E 65' to a man hole thence S $22^{\circ} 00'$ E 95' in a 36" RCP to an outlet in an open drain. Then running approximately 200' in the open ditch to the lake.

This system for the most part is in good working order. However there does exist two problems which need to be taken care of. One of these occurs at the outlet of the 36" RCP. At this point a load of riprap should be placed below the outlet in the channel to prevent erosion.

The other is more serious. There are several areas along the swale at which standing water occurs. To try to solve this problem the developer put in a 6" SSD along the swale which empties into the 36" RCP. This did not solve the problem. In my opinion, because of what I've seen, the tile was improperly installed. I believe this tile should be investigated and if necessary either relaid or replaced with another. Doing this along with putting in french drains should relieve this problem.

The original Arm 1 consisted of 24+67 feet of tile. The proposed substitute consists of 2714.36 feet of ditch.



Kenton C. Ward, Surveyor

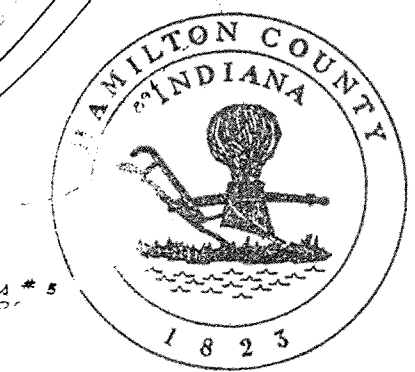
KCW/jg

DRAWING NUMBER
 Overman Harvey Village
 Farms Section II #3
 PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
 REGISTERED PROFESSIONAL LAND SURVEYOR
 PERMIT NO. 12345
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SCALE 1" = 100'
 CONTOUR INTERVAL 2'

VILLAGE FARMS SECTION II
 Scale



This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
 Entry Date: 5-18-04
 Entered by: *[Signature]*

LEGEND

SENIORITY CENTER	Center
STREET CENTER	Center
WATER LINE	Center
SEWER LINE	Center
APPROX. ROAD WIDTH	Center
WATER LINE	Center

ASBUILTS

PREPARED FOR:
 VILLAGE FARMS - SECTION II
 DEVELOPER: RALPH WILFONG

DESIGNED BY:
 WEHRE ENGINEERS INC.

DATE: 5-18-04

WEHRE ENGINEERS INC.
 10505 NORTH COLLEGE AVENUE
 INDIANAPOLIS, INDIANA 46260