

Drain: FRANK ICEISER **Drain #:** 101
Improvement/Arm: SR 38 RECONSTRUCTION
Operator: J. LIVINGSTON **Date:** 2-11-04
Drain Classification: Urban ~~Rural~~ **Year Installed:** 1999

GIS Drain Input Checklist

- Pull Source Documents for Scanning

Jung

- Digitize & Attribute Tile Drains

- Digitize & Attribute Storm Drains

Jung

- Digitize & Attribute SSD

- Digitize & Attribute Open Ditch

- Stamp Plans

- Sum drain lengths & Validate

Jung

- Enter Improvements into Posse

Jung

- Enter Drain Age into Posse

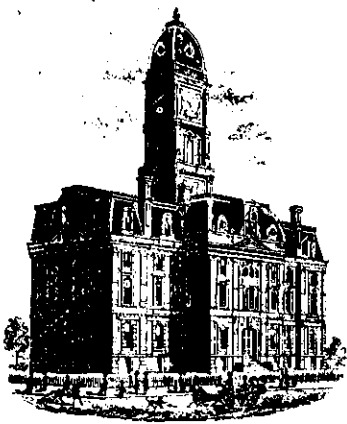
Jung

- Sum drain length for Watershed in Posse

Jung

- Check Database entries for errors

Jung



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

One Hamilton County Square

Noblesville, Indiana 46060-2230

August 20, 1998

Indiana Dept. of Transportation
Attn: Teresa M. Gray
32 South Broadway St.
Greenfield, IN 46140-2247

RE : Regulated Drains
St. Rd. 38

Dear Teresa:

The HCSO has conducted a **preliminary review** of the proposed road improvements for St. Rd. 38 in Hamilton County. All Drains effected during construction this project are to be repaired per HCSO Regulated Drain Standards. Any changes or alterations to a Regulated Drain must be approved by this Office. Below is a list of items and comments that will need to be addressed for approval from this Office:

Sta. 1+589 – Not a Regulated Drain

Sta. 6+897 – **Sand Creek** Regulated Drain Tile (3-12 inch clay tiles). These tiles are in very poor condition! This Office is requiring that the 3 – 12 inch tiles be replaced from R/W/ to R/W with 24 inch Reinforced Concrete Pipe (RCP) and manhole structures be set at the intersecting points. The location of the breathers' are at approximately Sta. 6+916 on the north side of St. Rd. 38. These tiles run from this point to the south side of St. Rd. 38 (in a southwesterly direction) to approximately Sta. 6+897 or the downstream end of the 48-inch CMP and continue to the southwest. Do to a future proposed reconstruction this Office will set the invert of the 24-inch RCP. Currently our field surveyor, Frank Mills is determining this elevation and I will relay this invert elevation to your office at a later date.

Sta. 8+916 – **Frank Kieser** Regulated Drain Tile (1-24 inch clay tile). This tile will be required to be replaced with 24 inch RCP from R/W to R/W and manhole structures set at the intersecting points. The Frank Kieser Drain runs from the north to the south and runs directly under the existing slab bridge structure. The C/L of the 24-

inch tile lays approximately 3-4 feet off the east wall of the structure and is approximately 4 feet-6 inches in depth. Currently on the north side of the road there is a structure with a small inlet. The new proposed structure will be required to have a Neenah R-43~~53~~ type or equivalent inlet.

These changes are to be shown on the plan and profiles. Also, a note on the plans to: Notify the Hamilton County Surveyor's Office at 776-8495 prior to any construction on or within the Regulated Drain. Label all Hamilton County Regulated Drains on the plans.

If you have any questions contact me at 776-8495. Thank You.

Sincerely,



Kurt J. Wanninger;
Permit Inspector



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

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One Hamilton County Square

Noblesville, Indiana 46060-2230

September 27, 1999

Indiana Dept. of Transportation
Attn: Roland Fagan
32 South Broadway St.
Greenfield, IN 46140-2247

RE : Regulated Drains
St. Rd. 38

Dear Roland:

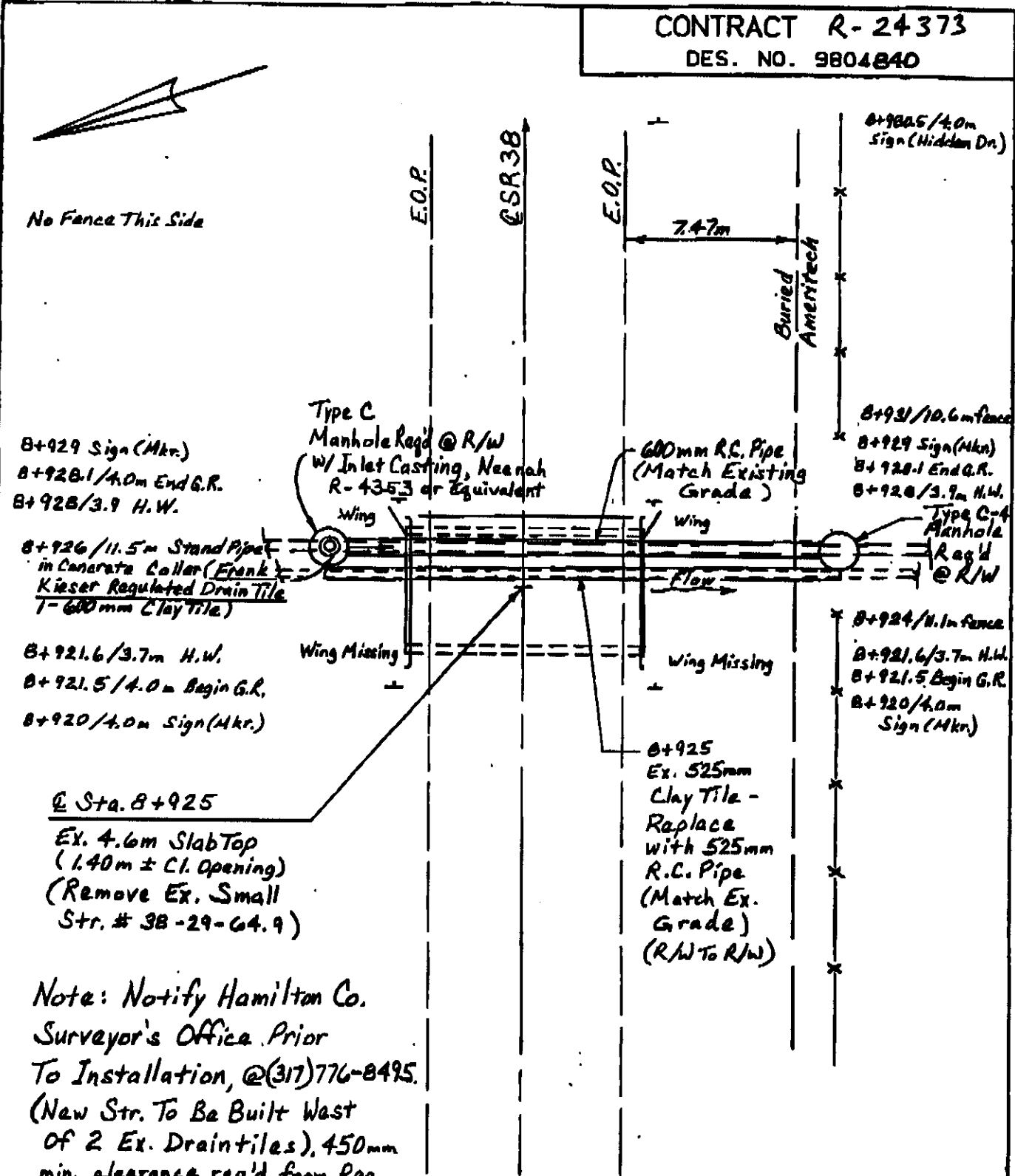
The Hamilton Co. Surveyor's Office conducted a final inspection of Frank Kiesar and Sand Creek Drain Reconstruction on September 27, 1999. These reconstructed drainage facilities meet the conditions set forth by this Office.

If you have any questions please contact me at 776-8495. Thank You.

Sincerely,

Kurt J. Wanninger
Permits Inspector

CONTRACT R-24373
DES. NO. 9804840



B+929 Sign (Mkr.)
B+928.1/4.0m End G.R.
B+928/3.9 H.W.

B+926/11.5m Stand Pipe
in Concrete Collar (Frank)
Kaiser Regulated Drain Tile
1-600mm Clay Tile

B+921.6/3.7m H.W.
B+921.5/4.0m Begin G.R.
B+920/4.0m Sign (Mkr.)

Sta. B+925
Ex. 4.6m Slab Top
(1.40m ± Cl. Opening)
(Remove Ex. Small
Str. # 3B-29-64.9)

B+925
Ex. 525mm
Clay Tile -
Replace
with 525mm
R.C. Pipe
(Match Ex.
Grade)
(R/W to R/W)

B+931/10.6m fence
B+929 Sign (Mkr.)
B+928.1 End G.R.
B+928/3.9m H.W.

B+924/11.1m fence
B+921.6/3.7m H.W.
B+921.5 Begin G.R.
B+920/4.0m
Sign (Mkr.)

Note: Notify Hamilton Co.
Surveyor's Office Prior
To Installation, @ (317) 776-8495.
(New Str. To Be Built West
of 2 Ex. Drains), 450mm
min. clearance req'd from Reg.
Drains to utilities.

PLAN

SMALL STRUCTURE REPLACEMENT

STA. B+9205 - R.C. BOX CULVERT W/ HEADWALLS. (RELOCATING & BOX WEST TO CLEAR 2 DRAINTILES),
& REGULATED DRAIN REPLACEMENT FROM R/W TO R/W
(See Additional Details For Culvert & Headwalls)