

KCW

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
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Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

August 9, 2016

To: Hamilton County Drainage Board

Re: Mud Creek – Sand Creek Drainage Area, TJ Patterson Drain, Brooks School Road Reconstruction

Attached are plans for the proposed reconstruction of the TJ Patterson Drain by the City of Noblesville. The proposal is to reconstruct the existing tile drain located within the Brooks School Road right-of-way, per the 'Brooks School Road / Boden Road and 141st St. Road Plans' by American Structurepoint, Contract: EN-167, Sheet 13 of 95, dated 8/1/2016. The upstream end of this reconstruction will begin at a new manhole structure near the east right-of-way line. The downstream end of this reconstruction will end at a new storm manhole located near the west right-of-way line of Brooks School Road. This reconstruction will take place completely within City of Noblesville's right-of-way.

This reconstruction will consist of the following:

139' of 24" RCP 44' of 42" RCP 28' of 6" Underdrain

The newly installed drain will have a combined total length of 211'. The existing 139' of tile drain installed in 1901 between existing stations 73+06 to 76+45 will be reconstructed in place. The existing 20" tile will be replaced with 139' of 24" RCP.

The existing 42" RCP culvert under Brooks School Road installed in 2002 as part of the 'Brooks Chase Offsite Relocation' will be extended to accommodate the widening of Brooks School Road. This will include 28' of 42" RCP on the east and 16' of 42" RCP on the west. This will replace a combined total of 44' of open ditch.

In addition, this project will also include the installation of 28' of 6" Underdrain. This line will be installed between a manhole located along the 42" culvert noted above and a manhole on the proposed 24" RCP. The 24" drain line is deeper than the culvert and open ditch it serves. This 6" underdrain will allow low flows from the culvert to

drain into the 24" pipe and thus help reduce an existing standing water problem near the culvert.

This proposal will add 28' of footage to the drain's total length.

The new drain will involve the following structures, as called out on the plans by American Structurepoint: Str. No. 10, 13, and 13A. The underdrain noted previously is located between Str. 10 and 13A.

Other storm sewer pipes are being installed with this road extension project that are not considered part of the Hamilton County regulated drain. Those storm facilities will be maintained by the City of Noblesville. Those facilities will be permitted as making storm water discharge to the regulated drain by the issuance of an Outlet Permit.

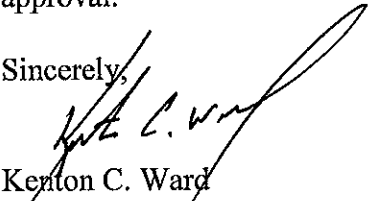
The TJ Patterson Drain was established in 1901 (See Commissioner Record Book 13 page 144). The TJ Patterson Drain was later made an arm to the Mud Creek/Sand Creek Drainage Area, as per my report to the Board dated May 1, 2007 and approved at hearing on June 25, 2007. (See Hamilton County Drainage Board Minutes Book 10, pages 317-318). The 'Brooks Chase Offsite Relocation' was approved at hearing on October 28th, 2002. (See Hamilton County Minutes Book 6, pages 467-470).

The cost of the project is to be paid by the City of Noblesville.

The easement for the drain will remain in effect. The dimension of the easement will be the statutory 75' per half as described in IC 36-9-27-33(e).

I believe this proposed drain meets the requirements for reconstruction as set out in IC 36-9-27-52.5. Therefore, a hearing without public notice is required. I recommend approval.

Sincerely,



Kenton C. Ward
Hamilton County Surveyor

KCW/stc

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

Revised June 1997

FILED

JUL 22 2016

OFFICE OF HAMILTON COUNTY SURVEYOR

IN RE: Brooks School Road/TJ Patterson Drain Tile)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

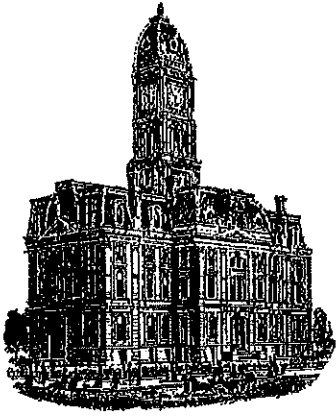
The City of Noblesville (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the TJ Patterson Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the TJ Patterson Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the TJ Patterson Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the TJ Patterson Drain, without cost to other property owners on the watershed of the TJ Patterson Drain.
5. Proposed relocation and reconstruction will not adversely affect other land owners within the drainage shed.
6. Petitioner requests approval of the proposed relocation and reconstruction under IC 36-9-27-52.5.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the TJ Patterson Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

Signed _____
John Beery
Printed _____



Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
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Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

December 11, 2018

Re: Mud Creek- Sand Creek: T.J. Patterson Drain: Brooks School Rd Reconstruction

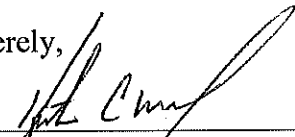
Attached are as-built, certificate of completion & compliance, and other information for Brooks School Rd Reconstruction. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated August 9, 2016. The report was approved by the Board at the hearing held August 22, 2016. (See Drainage Board Minutes Book 17, Pages 98-99) The changes are as follows: the 24" RCP was lengthened from 139 feet to 182 feet. The 42" RCP was lengthened from 44 feet to 59 feet. The 6" SSD was not installed. The length of the drain due to the changes described above is now **241 feet**. The T.J. Patterson Drain was removed between Sta. 73+06 to Sta. 74+78. The project also enclosed 59' of open ditch installed with the 2002 Brooks Chase Offsite Relocation. Therefore, the project added 10 feet to the drain's overall length.

The project was done within existing regulated drain easement and road right of way. The cost of the project was paid for by the City of Noblesville.

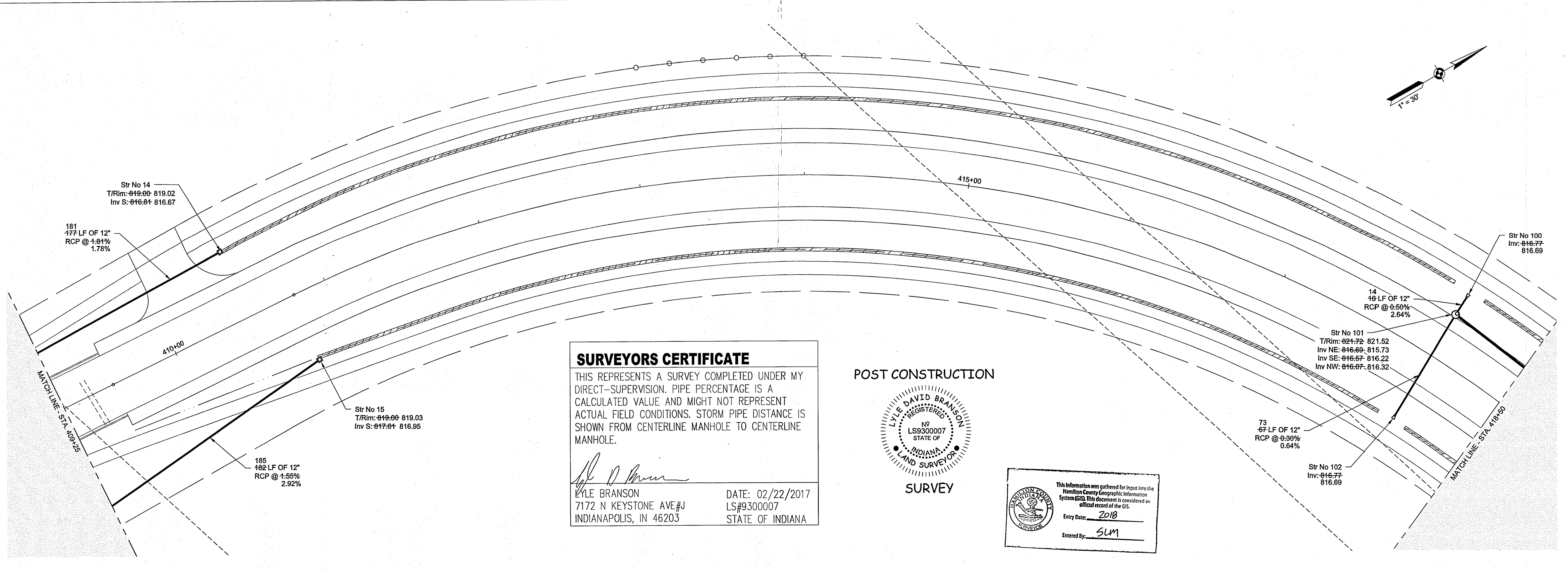
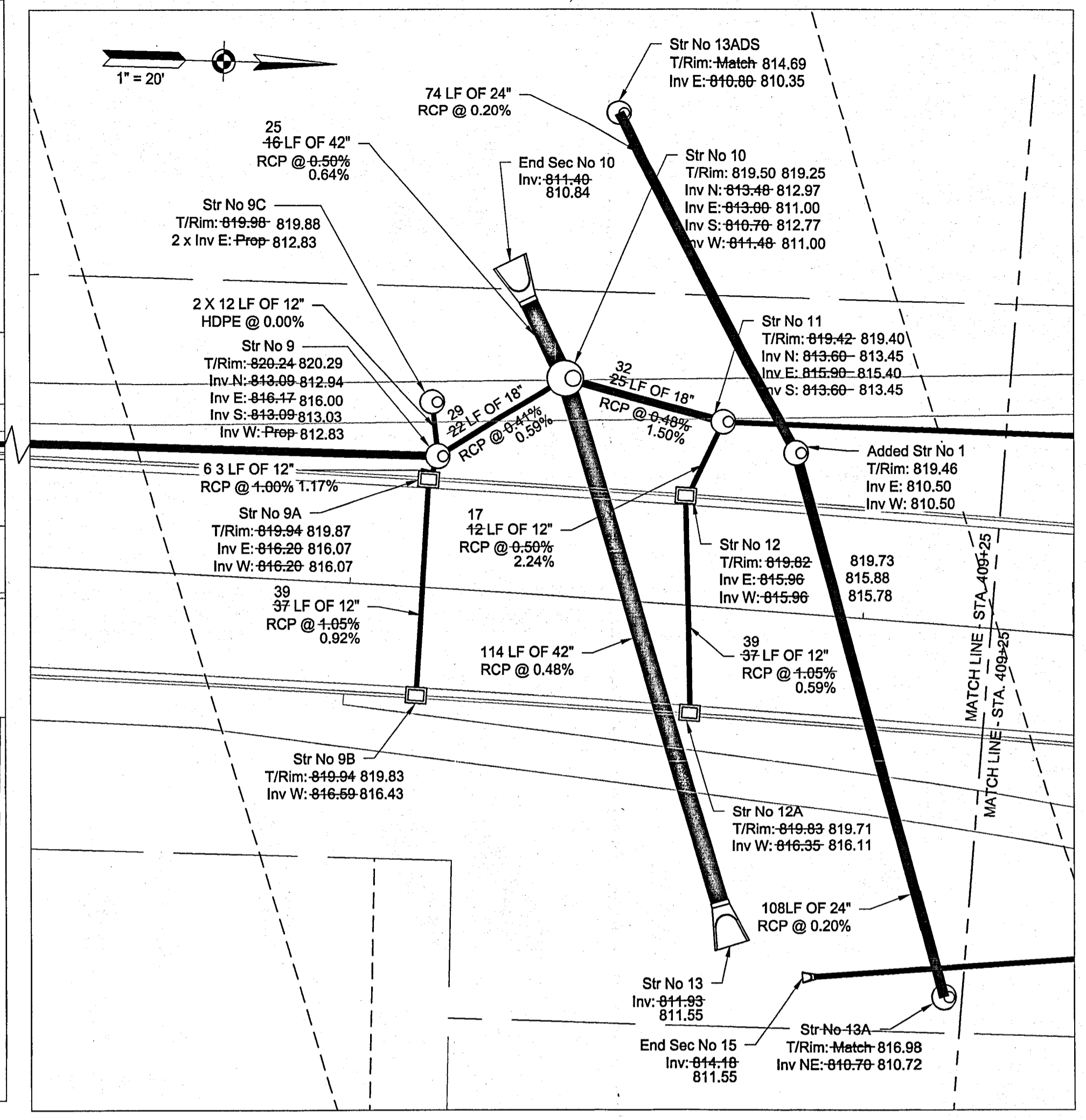
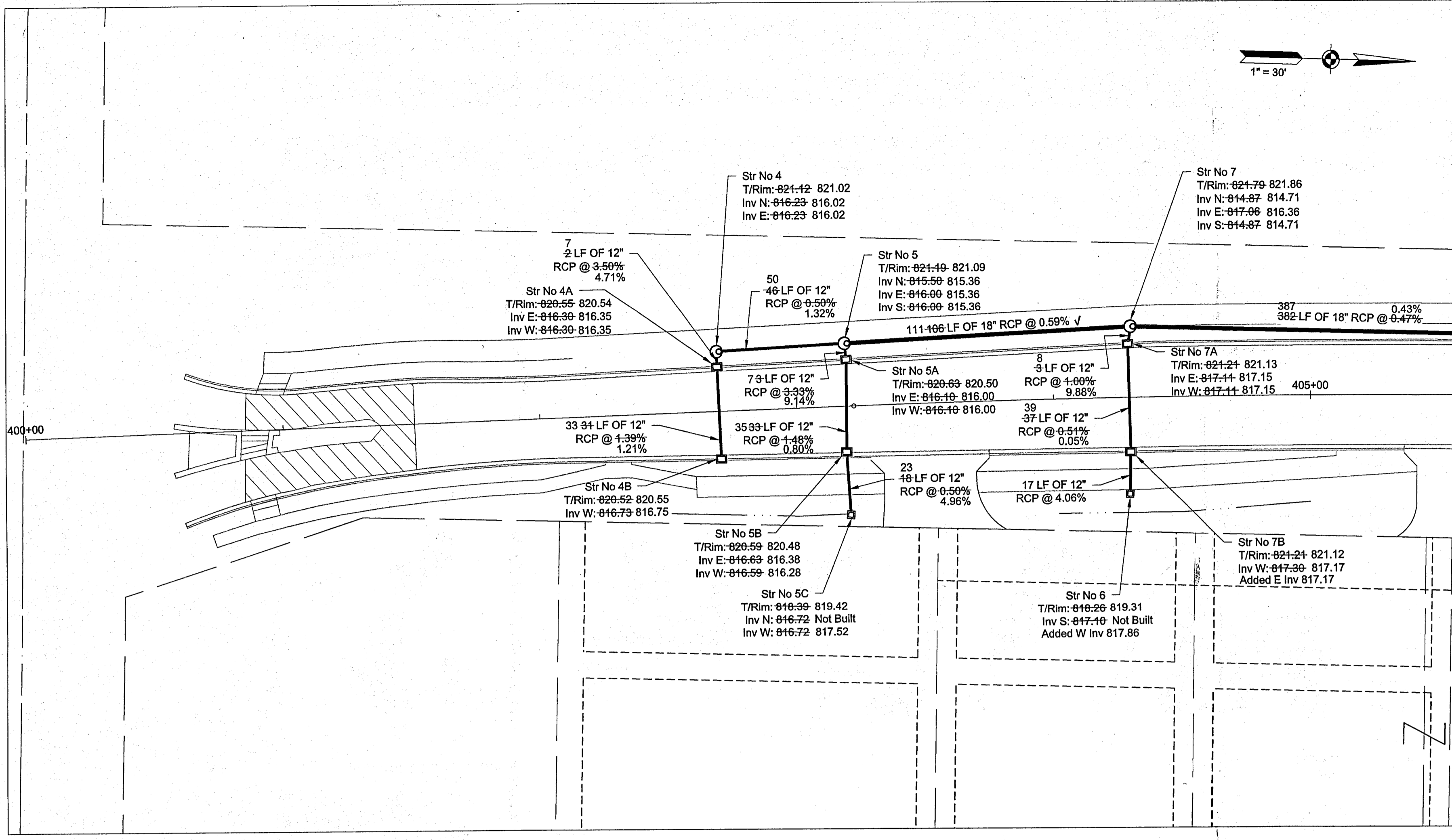
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

FILED



SURVEYORS CERTIFICATE

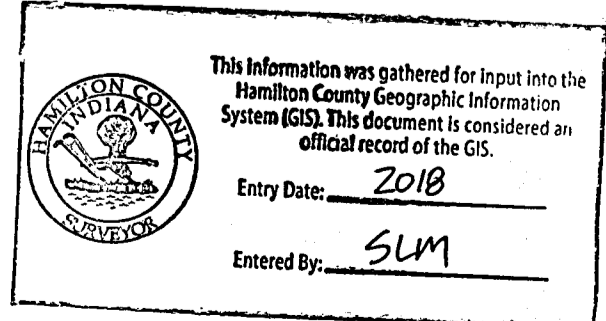
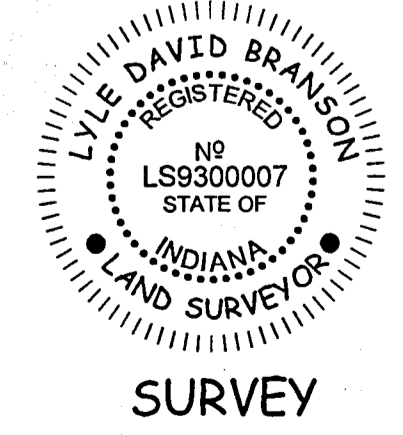
THIS REPRESENTS A SURVEY COMPLETED UNDER MY DIRECT-SUPERVISION. PIPE PERCENTAGE IS A CALCULATED VALUE AND MIGHT NOT REPRESENT ACTUAL FIELD CONDITIONS. STORM PIPE DISTANCE IS SHOWN FROM CENTERLINE MANHOLE TO CENTERLINE MANHOLE.

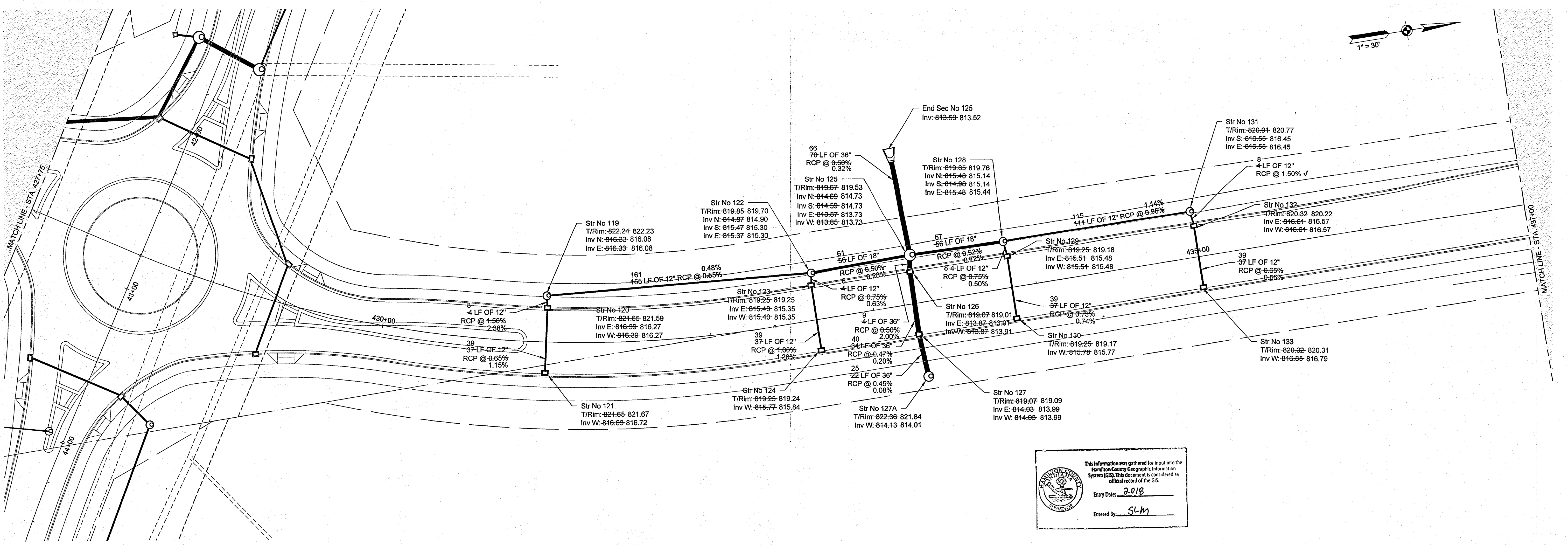
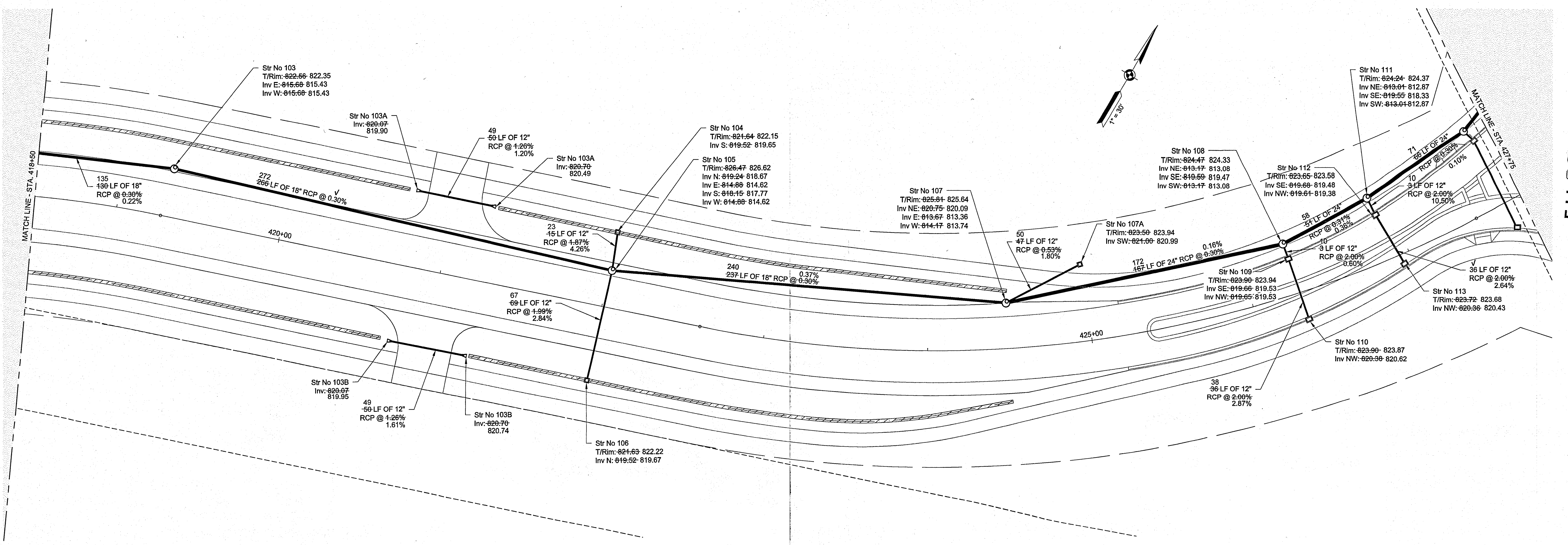
Lyle Branson

LYLE BRANSON
7172 N KEYSTONE AVE #J
INDIANAPOLIS, IN 46203

DATE: 02/22/2017
LS#9300007
STATE OF INDIANA

POST CONSTRUCTION



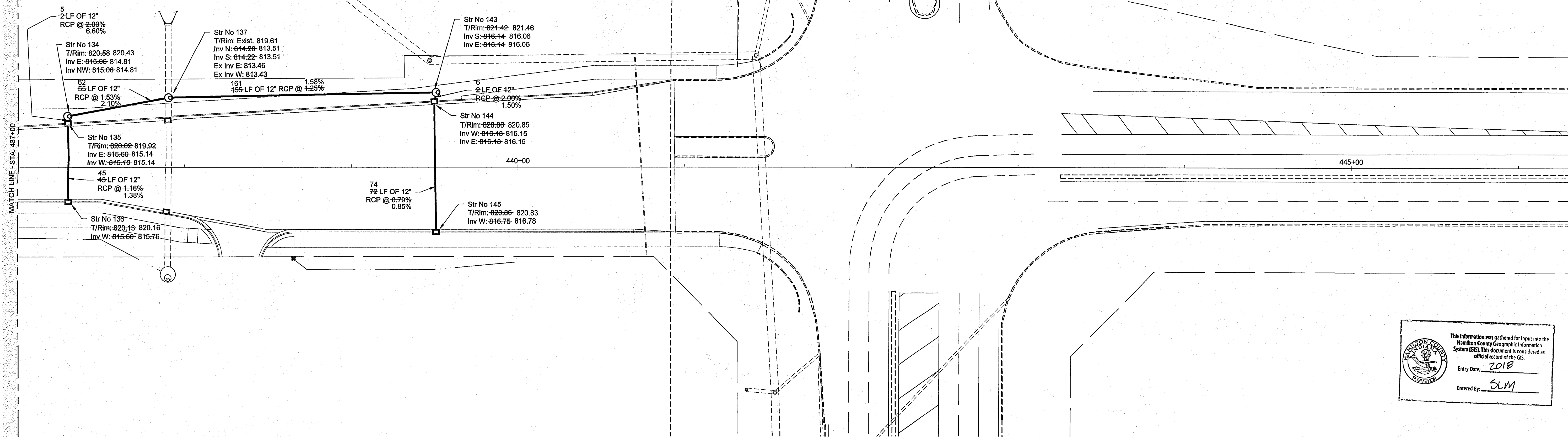


This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: 2.018

Entered By: SLM

1" = 30'



This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.

Entry Date: 2018

Entered By: SLM

