

Drain: BENTON HINESLEY Drain #: 41
Improvement/Arm: MARION-ADAMS ARM/RECONSTRUCTION
Operator: J. LIVINGSTON Date: 1-15-04
Drain Classification: Urban/Rural Year Installed: 1995

GIS Drain Input Checklist

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

JWJ

SCM

SCM/JWJ

SCM/JWJ

SCM

JWJ

SCM/JWJ

JWJ

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: BENTON LINESLEY - MARION - ADAMS ARM / RECONSTRUCTION

If Applicable

Drain Type:	Size:	Length ()	Length (DB Query)	Length Reconcile	Price:	Cost:
GRASS WATERWAY	—	0'				
REALIGN 562.6'						
CONSTRUCT 931.2'X2						
SSD - 562.6'	6"	0'				
	6"X2	931.2'	931.2'			
RCP	24"	2268.37	2268.37'			

Sum: 3,199.57' 3,199.57'

Final Report: _____

Comments:



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

May 14, 1993

TO: Hamilton County Drainage Board

RE: Benton-Hinesley Drain

Attached is a petition to reconstruct the Benton-Hinesley Drain in Adams Township. The petition was filed by the Marion-Adams School Board at its meeting on May 10, 1993. The cost of the reconstruction is estimated at \$228,000.00 and will be paid by the Petitioner. This cost is divided between the work North of 246th Street at a cost of \$49,500.00 and South of 246th Street at a cost of \$178,000.00.

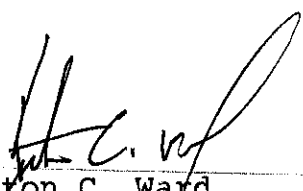
The project consists of realigning 550 feet of existing grass waterway North of 246th Street and installing 700 feet of six (6") inch SSD so as to keep the waterway drained. This will call for a structure to be located at approximately STA 23+65 of the main ditch. At a point 480 feet West of the intersection of Lamond Road and 246th Street approximately ³⁶⁰ feet of grass waterway. Along with this will be a six (6") inch SSD installed along both sides of the waterway entering the main ditch at approximately STA 49+50.

South of 246th Street will be 2210 feet of 24" RCP installed from a point 480 feet West of the intersection of Lamong and 246th Street to a point on the School's West boundary, East boundary of Curryville, 355 feet South of the centerline of 246th Street. This will have a grass waterway over the tile and every 400 feet a manhole will be installed with 50 feet of 6" SSD extending upstream and downstream along the waterway,

The School Board requests the Drainage Board to construct the portion North of 246th Street and the portion South of 246th Street will be included in the schools overall construction package. All of the above described lengths are to become arms to the Benton-Hinesley Drain. The SSD within the schools detention facility shall not be made part of the drain. Nor shall the detention facility, storm sewers entering the facility or the 60' of 15" RCP under the schools drive be part of the drain.

At this time, I recommend the Board clarify that the grass waterway across the Ringer Farm between STA 18+15 and 34+53 of the main ditch and from Lamong Road to the Symonds Drain is also part of the Hinesley Drain.

I also recommend the Board increase the minimum maintenance assessment for the drain from #3.00 to \$5.00. A hearing for this should be set for the June Drainage Board meeting.



Kenton C. Ward
Hamilton County Surveyor

Hamilton County Drainage Board
Court House
Noblesville, Indiana

IN RE: Benton - Hinesley Drain
Hamilton County, Indiana

PETITION FOR RELOCATION AND RECONSTRUCTION

Marion - Adams Schools (hereinafter "Petitioner"),
hereby petitions the Hamilton County Drainage Board for authority to relo-
cate and improve a section of the Benton - Hinesley Drain,
and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the
Benton - Hinesley 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 Benton - Hinesley
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 Benton - Hinesley
Drain, without cost to other property owners on the watershed of
the Benton - Hinesley Drain.

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

Floyd H. Barker
Signed

FLOYD H. BARKER
Printed Name



Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square

Noblesville, Indiana 46060-2230

~~January 5, 1996~~

TO: Hamilton County Drainage Board

RE: Benton Hinesley Drain

I recently found that the final report for the Benton Hinesley Drain had not been submitted. The reconstruction was done by Asplundh Brush Control Company under contract dated October 12, 1993. The contract amount was \$28,250.00. The estimate for the work was \$49,500.00 per my report dated May 14, 1993. This cost was only for the work North of 246th Street. The Marion-Adams School Corporation paid for the work South of 246th Street.

During construction, changes were made to the drain which will alter the plans submitted with my report for this drain dated May 14, 1993. The changes are as follows:

CHANGE ORDER #1 was requested by Paul I. Cripe, Inc on behalf of the Marion Adams School Corporation for the lump sum of \$4,680.00. This price was bid by Asplundh Brush Control in a field letter dated April 28, 1994. This letter was filed stamped as received by the Drainage Board on May 31, 1994.

CHANGE ORDER #2 consisted of cleaning the flow line under the first 246th Street culvert West of Lamong Road. Providing a 10'x10'x4' pit with six (6") inches of riprap and polyfelt TS500 liner on the North side of the culvert. Also requested was the extension of the newly installed under drains into the pit.

CHANGE ORDER #3 Structure #701 was installed over the existing regulated drain approximately 100' further to the Northeast than what was shown on the reconstruction plans. This was done in order for the structure to serve the newly installed swale as well as to eliminate fifty-five (55') feet of six (6") inch SSD. No Charge.

The total length of the drain due to the changes described

Page #2

above is now 13,032 feet.

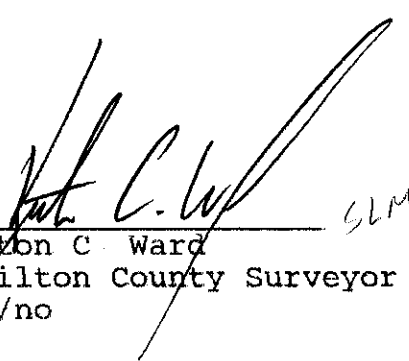
The total cost of the project with the contract prices and the change order is \$32,930.00, below the estimate of \$49,500.00.

The payment to the Contractor are as follows:

Claim #	94-468	October 27, 1994	\$28,590.00
Claim #	94-469	October 27, 1994	4,339.50

The Board should approve the claims and accept the work as complete.

I recommend no change to the reconstruction assessments. Additional funds received in the reconstruction fund should be transferred to the Symonds Drain maintenance fund in order to offset costs for work required downstream of STA 54+64 of the Benton Hinesley Drain to improve the flow of the Benton Hinesley Drain.


Kenton C. Ward
Hamilton County Surveyor
KCW/no

PROJ. NO. _____ LINE _____

PAGE ____ OF ____

BENTON HINSLEY ASBUILT

11/17/95

J.W.

F.M.

PG 1-9 STORM SEWER

10-11

WEST SWALE

12

EAST SWALE



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: 01/24/01

Entered by: SLM

PROJ. NO. _____ LINE _____

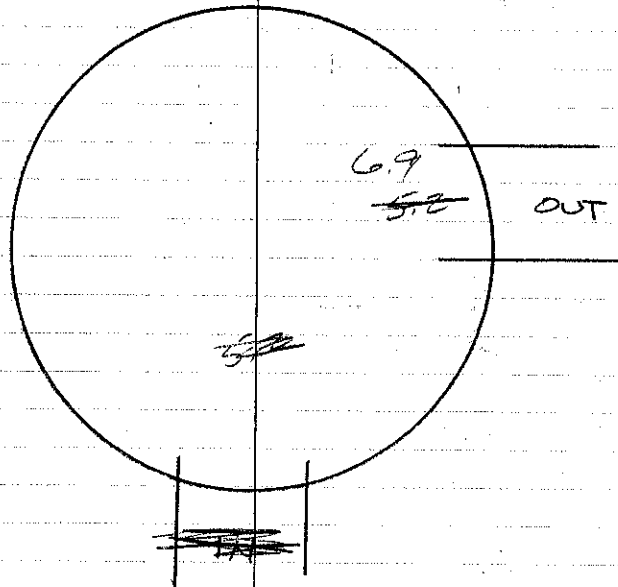
PAGE 1 OF _____

M.H. # 507

T.C. 931.15

23 1/2"
~~25'~~ RLP

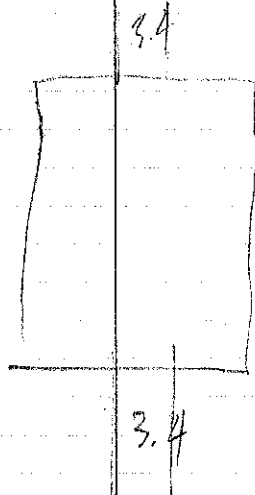
INV. 924.25



STPA

24" RLP

INV. 923.8



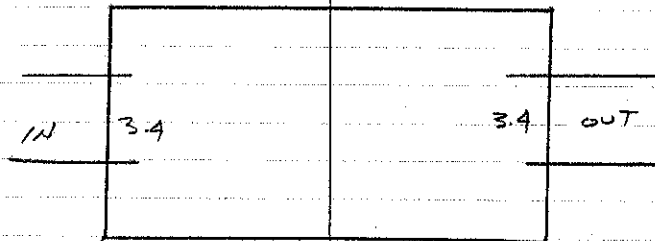
PROJ. NO. _____ LINE _____

PAGE 2 OF _____

STR 506.
24" RCP

T.C. 927.21

INV. IN 923.81
INV. OUT 923.81



PROJ. NO. _____ LINE _____

PAGE 3 OF _____

M.A. # 505

T.C. 932.48

INV. IN 923.08

INV. OUT 922.88

24" RCP

IN
9.4

9.6
OUT

PROJ. NO. _____ LINE _____

PAGE 4 OF _____

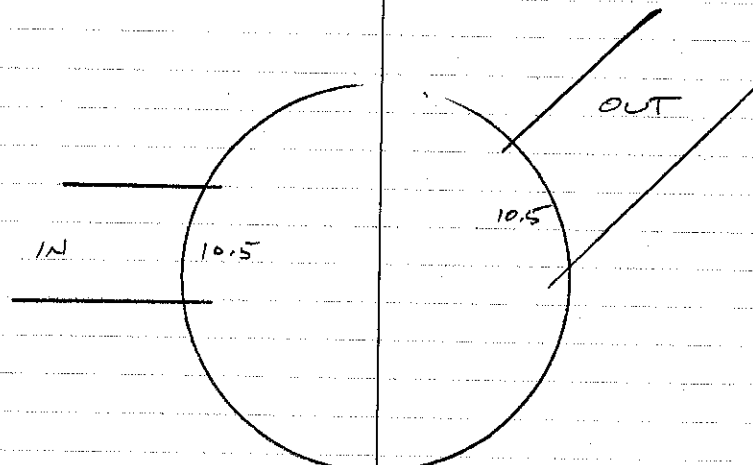
STR. 504

T.C. 932.44

INV. IN 921.94

INV. OUT 921.94

24" RCP



PROJ. NO. _____ LINE _____

PAGE 5 OF _____

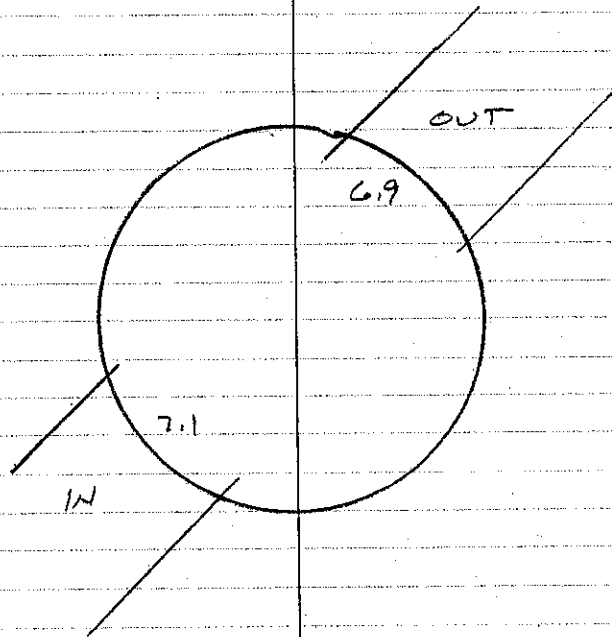
STR 503

T.C. 928.59

INV. IN 921.49

INV. OUT 921.69

24" RCP



PROJ. NO. _____ LINE _____

PAGE 6 OF _____

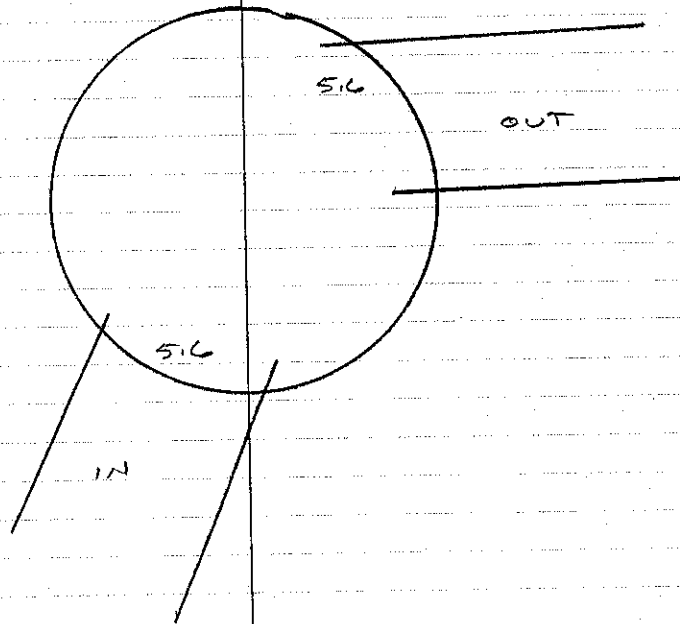
STR. 502

T.C. 927.03

INV. IN 921.43

INV. OUT 921.43

24" RCP



PROJ. NO. _____ LINE _____

PAGE 7 OF _____

MH 501

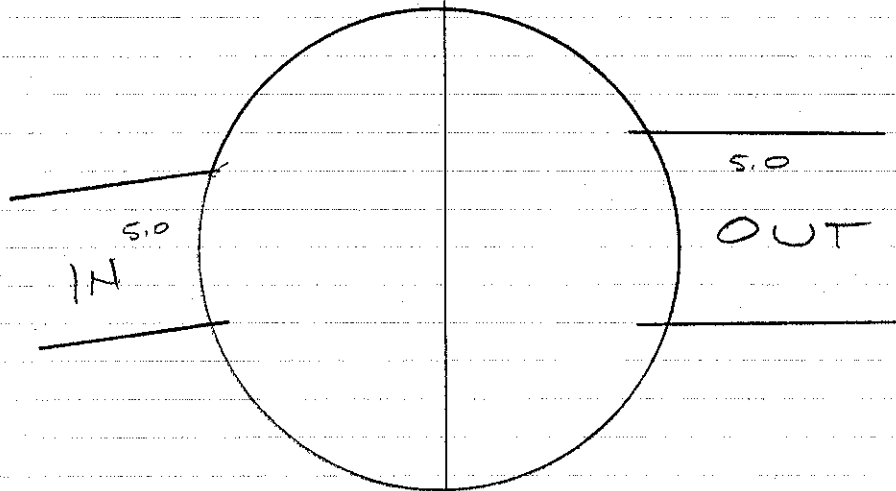
T.C. 926.24

INV. IN 921.24

INV. OUT 921.24

24" RCP IN

18" RCP OUT



END Sec. 18" ELP
TOP SHOT

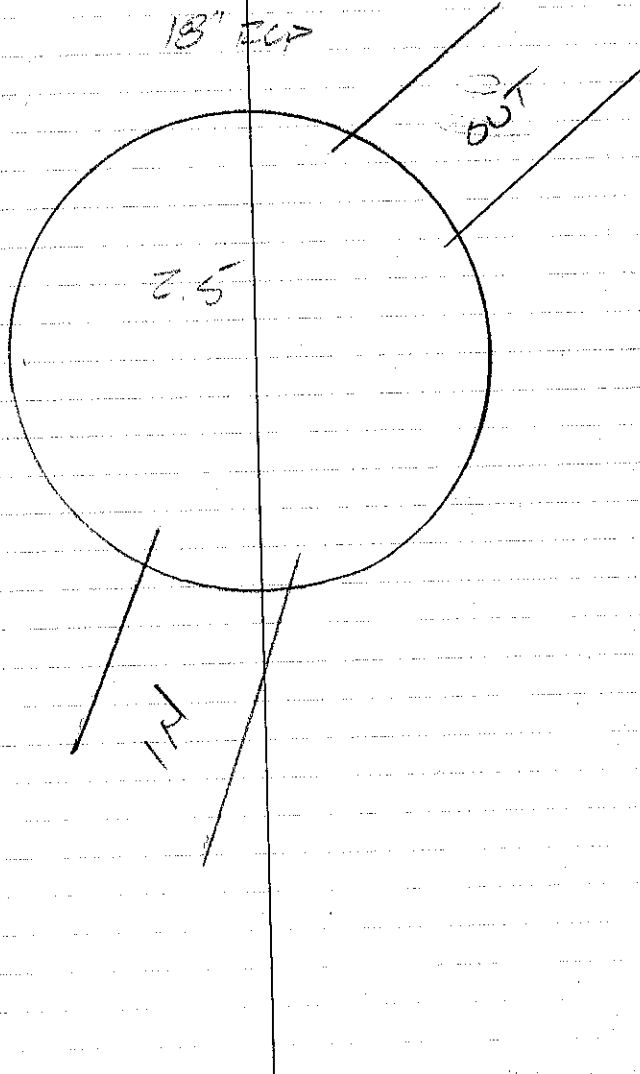
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PROJ. NO. _____ LINE _____

PAGE 10 OF _____

STORM M.H.
N. SIDE 246TH

T.C. 927.58
INV. STR 925.08

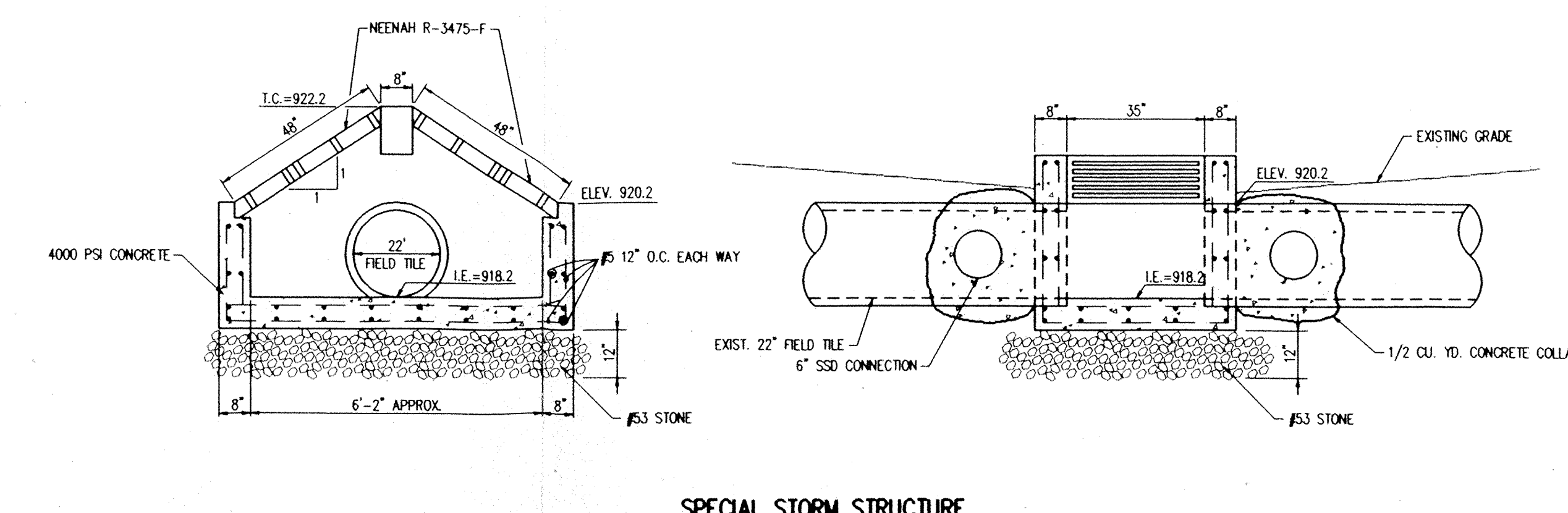
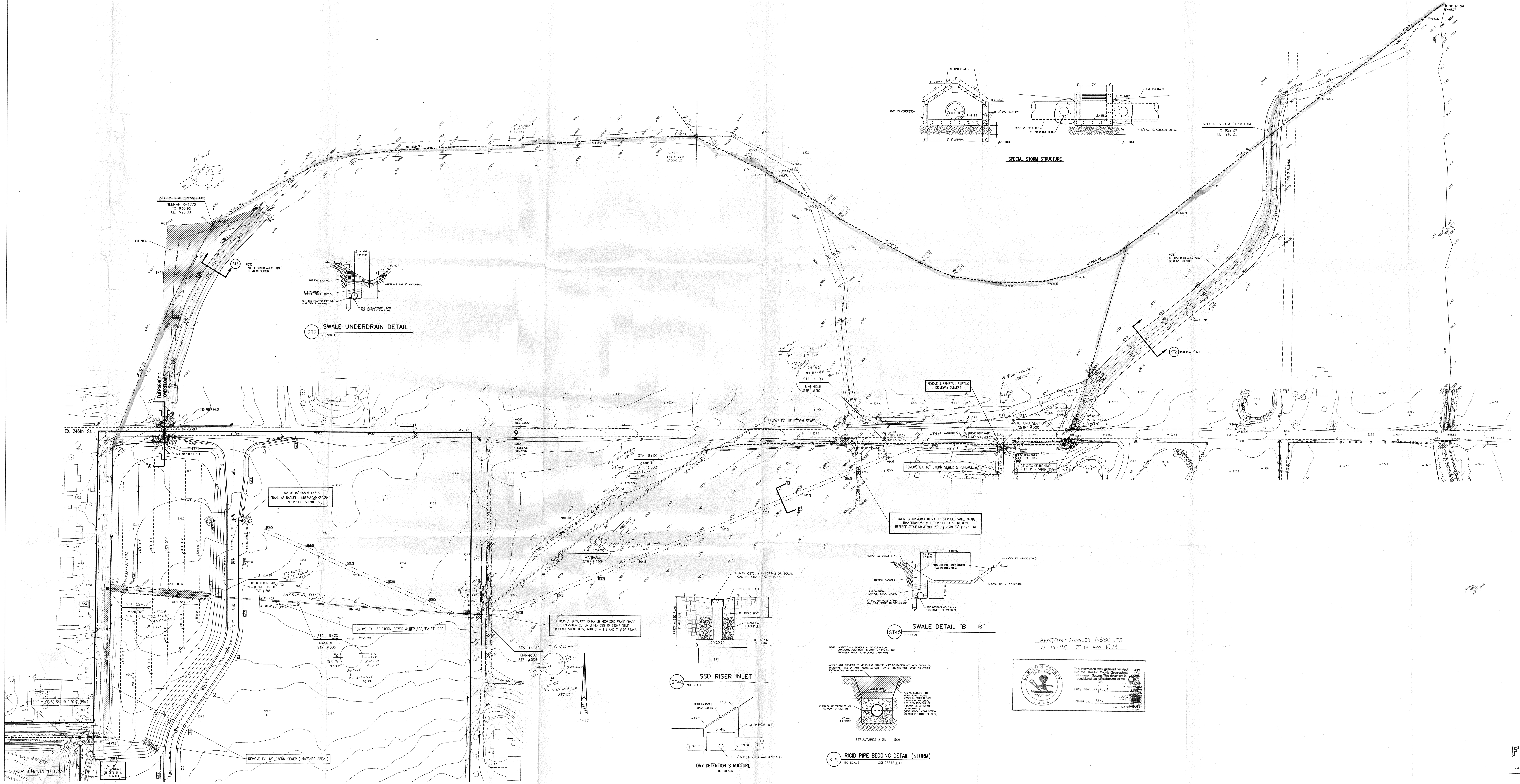


922,72

18" RCP
E. Swale

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ST2 SWALE UNDERDRAIN DETAIL
NO SCALE

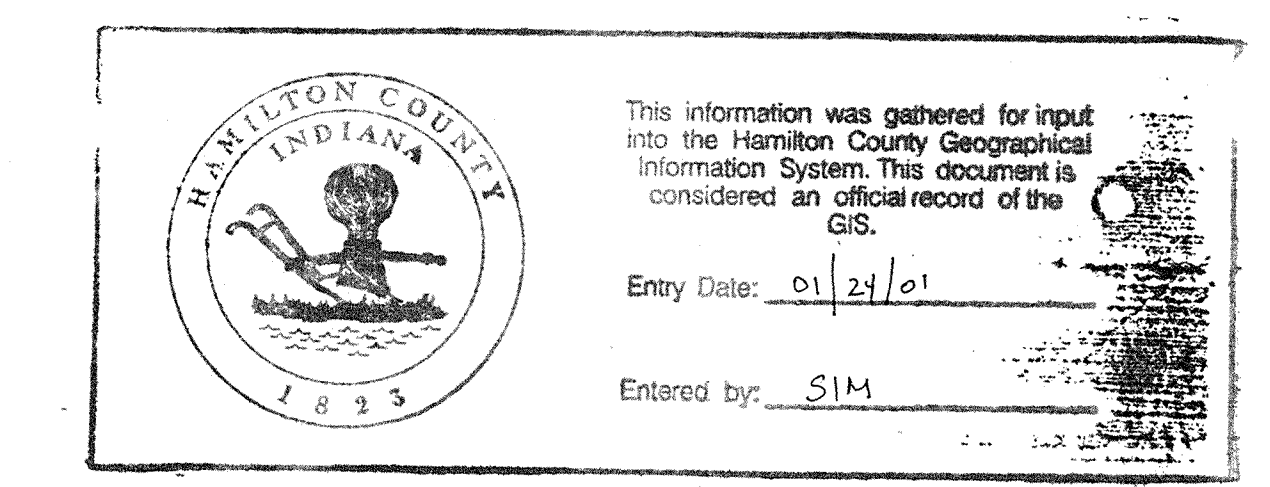
ST40 SSD RISER INLET
NO SCALE

ST45 SWALE DETAIL "B-B"
NO SCALE

ST39 RIGID PIPE BEDDING DETAIL (STORM)
NO SCALE

ST44 DRY DETENTION STRUCTURE
NOT TO SCALE

BENTON-HINSHLEY ASSOCIATES
11-17-95 J.W. and F.M.



FILED
JUN 15 1995
HAMILTON COUNTY CLERK'S OFFICE
SPRINGFIELD, MO