

Thone (317) 776-8495 Fax (317) 776-9628

Noblesville, Indiana 46060-2230

1 Often

To: Hamilton County Drainage Board

April 14, 2014

Re: New Britton Industrial Park Drain, New Roundabout at Britton Park Road and 135th Place Relocation

Attached is a petition and plans for the relocation a portion of the New Britton Industrial Park Drain, Section 4 Arm. The relocation is proposed by the Town of Fishers. The proposal is to relocate a portion of the drain within the Britton Park Road right-of-way, owned by the Town of Fishers as part of the Britton Park Extension project, per plans by A&F Engineering, Job #AF-10014, submittal date January 8, 2014.

Per the plans, new storm pipe replaces the old culvert pipe under Britton Park Road as regulated drain as a result of the roundabout project. This involves the new storm pipe between storm structures 30, 31, 35B and 34A (existing). This petition also replaces a portion of SSD under the curbs.

This line will consist of the following:

40' of 15" RCP

108' of 12" RCP

151' of 6" SSD

The total length of the relocated drain shall be 299 feet. The 1256 feet of original drain (SSD) between Sta. 96+98.99 and 103+21.39 per plans by A&F shall be vacated. This proposal will subtract 957 feet from the drain's total length.

The original drain was previously referenced in my report dated February 11, 1992 and was approved at hearing by the Board on May 18, 1992 as recorded in Drainage Board Minutes Book 3 page 20. See also my final report dated August 22, 1997 as referenced in Minutes Book 4 page 427.

The cost of the relocation is the responsibility of the Town of Fishers. Therefore, surety in the form of performance bond or letter of credit is not required.

The project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing with notice is not required for the petition. I recommend approval.

Sincerely

Kenton C. Ward

Hamilton County Surveyor

KCW/stc

HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

Britton Park & 135th Place

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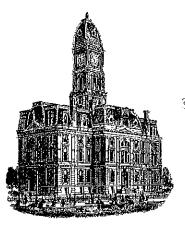
IN RE: New Roundabout at Britton Park & 135th Place
Hamilton County, Indiana

OFFICE OF HAMILTON COUNTY SURVEYOR

PETITION FOR RELOCATION AND RECONSTRUCTION

	Town of Fishers	(hereinafter Petitioner"),
hereby	y petitions the Hamilton County Drainage Board for authority	to relocate and improve a
section	n of the Britton Industrial Park	_ Drain, and in support of
said pe	etition advises the Board that:	
1.	Petitioner owns real estate through which a portion of the	Britton Industrial Park
	Drain runs.	
2.	Petitioner plans to develop its real estate with roads, building	gs, utilities, storm drains,
	sanitary sewers and other structures.	
3.	Petitioner's proposed development of its real estate will requ	ire relocation and
	reconstruction of a portion of the Britton Industrial F	Park Drain, as
	specifically shown on engineering plans and specifications fi	iled with the Hamilton
	County Surveyor.	
4.	The work necessary for the proposed relocation and reconstr	uction will be undertaken at
	the sole expense of the Petitioner and such work will result in	n substantial improvement to
	the Britton Industrial Park Drain, without co	st to other property owners
	on the watershed of the Britton Industrial Park	Drain.
5.	Proposed relocation and reconstruction will not adversely after	fect other land owners within
	the drainage shed.	
6.	Petitioner requests approval of the proposed relocation and r	econstruction under
	IC 36-9-27-52.5.	
7	WHEREFORE, Petitioner requests that an Order issued from t	he Hamilton County
Draina	age Board authorizing relocation and reconstruction of the	Britton Industrial Park
Drain,	, in conformance with applicable law and plans and specificati	ons on file with the Hamilton
County	ty Surveyor.	
	Signed O	6
	Tami Otto, Project Engin	eer, Town of Fishers
	Printed	

Adobe PDF Fillable Form





Kenton C. Ward, CFM Surveyor of Hamilton County Phone (317) 776-8495 Fax (317) 776-9628 Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

April 23, 2014

Re: New Britton Industrial Park - 135th St. Roundabout Relocation

Attached are as-builts, certificate of completion & compliance, and other information for New Britton Industrial Park — 135th St. Roundabout Relocation. 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 April 14, 2014. The report was approved by the Board at the hearing held April 14, 2014. The changes are as follows:

The 6" SSD was shortened from 151 feet to 150 feet. The 12" RCP was shortened from 108 feet to 103 feet. The length of the drain due to the changes described above is now **293 feet**. It should be noted that this project removed 1266 feet of existing drain installed with New Britton Industrial Park Sec. 4. Therefore, this project removed 973 feet from the overall watershed length.

All work done was within right of way or existing regulated drain easements. Therefore, a non-enforcement was not required. The project was paid for by the Town of Fishers. Subsequently, sureties were not posted.

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

Sincerely

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/slm

Gasb 34 Asset Price & Drain Length Log

Drain-Improvement: New Britton Industrial Park Drain - 135th St. Roundabout Relocation

					lf App	licable
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
RCP .	12	103	103	0	\$7.25 LF	\$746.75
RCP	15	40	40	0	\$9.50 LF	\$380.00
SSD	6	150	. 150	0	\$2.00 LF	\$300.00
					<u></u>	
	Sum:	293				\$1426.75
Final Report: 293						
Comments:						
·						
		·				

F | L E D

CERTIFICATE OF COMPLETION AND COMPLIANCE

OFFICE OF HAMILTON COUNTY SURVEYOR

To: Hamilton County Surveyor

Re: Reconstruction of Britton Industrial Drain North of 135th and Britton Park Roundabout

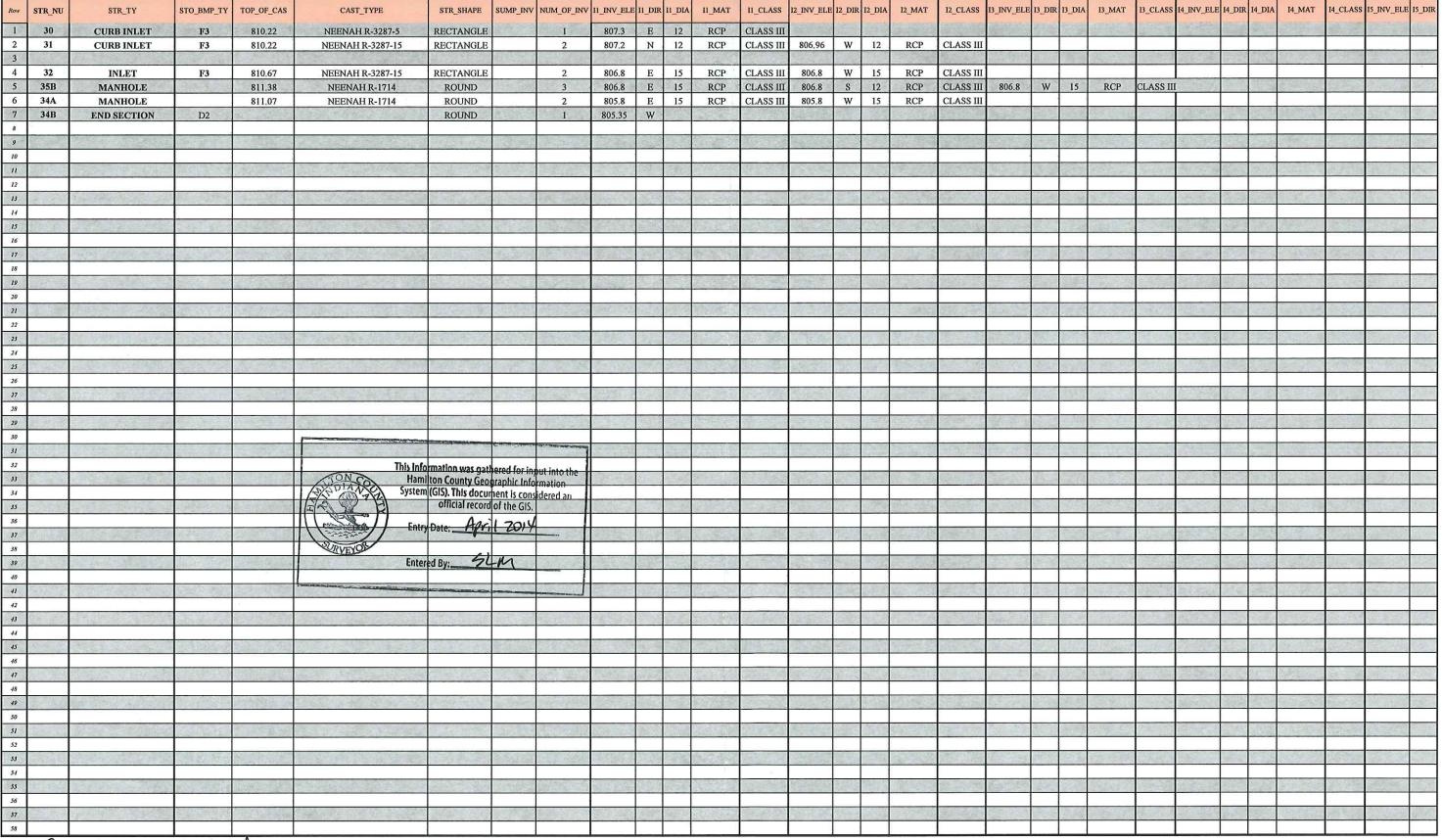
I hereby certify that:

- 1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
- 2. I am familiar with the plans and specifications for the above referenced subdivision.
- 3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
- 4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
- The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: fosy	IT Rugel	Date: 1/10/14
Type or Print Nam	e: <u>Joseph T. R</u>	engel, P.E., PTOE
Business Address:	8365 Keystone	e Crossing, Suite 201
Type or Print Name: Joseph T. Rengel, P.E., PTOE Business Address: 8365 Keystone Crossing, Suite 201 Indianapolis, Indiana 46240		
Telephone Number	r: (317) 202 -	0864
Type or Print Name: Joseph T. Rengel, P.E., PTOE Business Address: 8365 Keystone Crossing, Suite 201 Indianapolis, Indiana 46240 Telephone Number: (317) 202 - 0864 SEAL INDIANA REGISTRATION NUMBER		
and the temperature		10302408
STEP STEP		

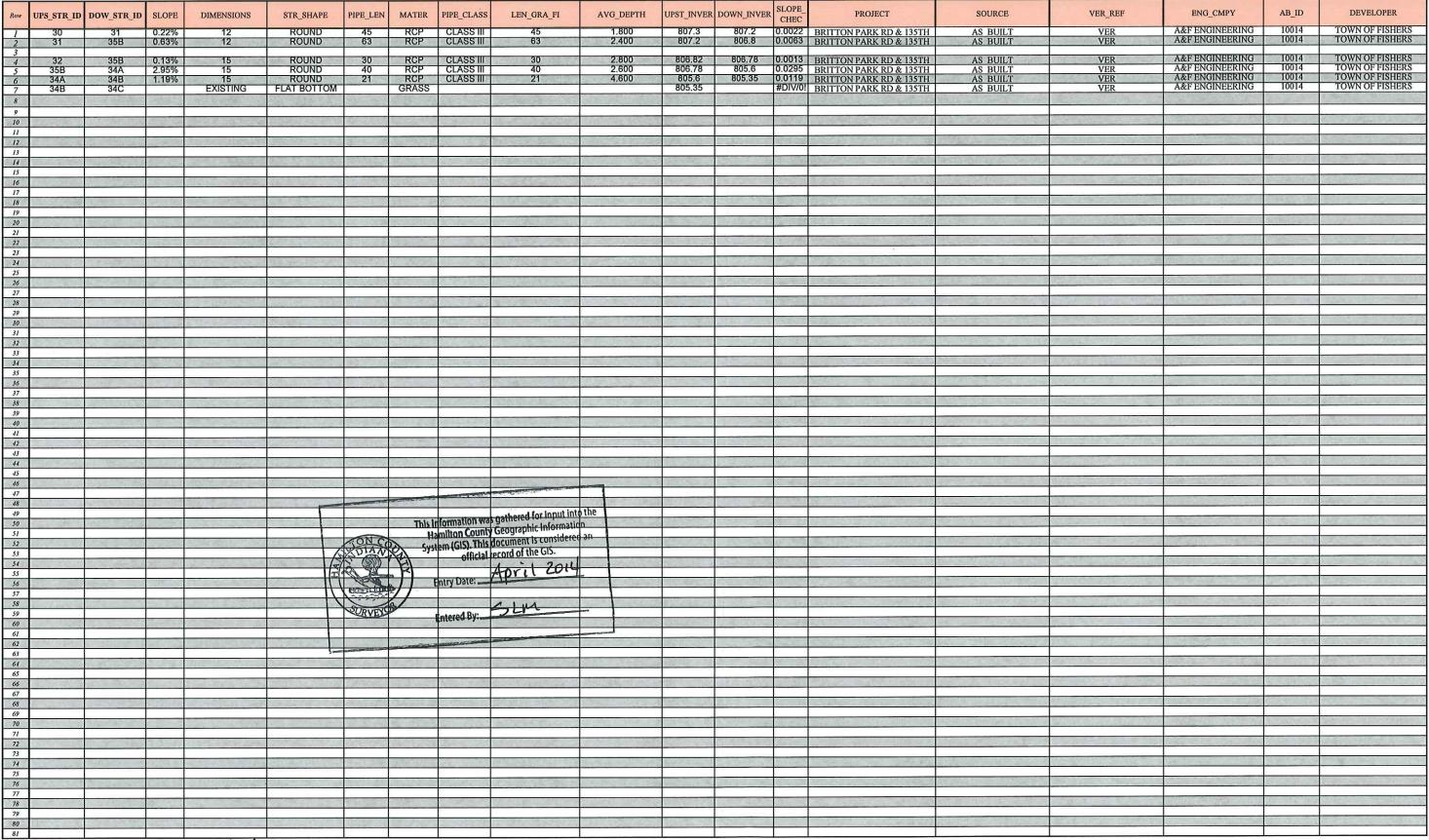
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Storm_Structure



Spread sheet Sub mitted 12-13-2013

Storm_Pipe



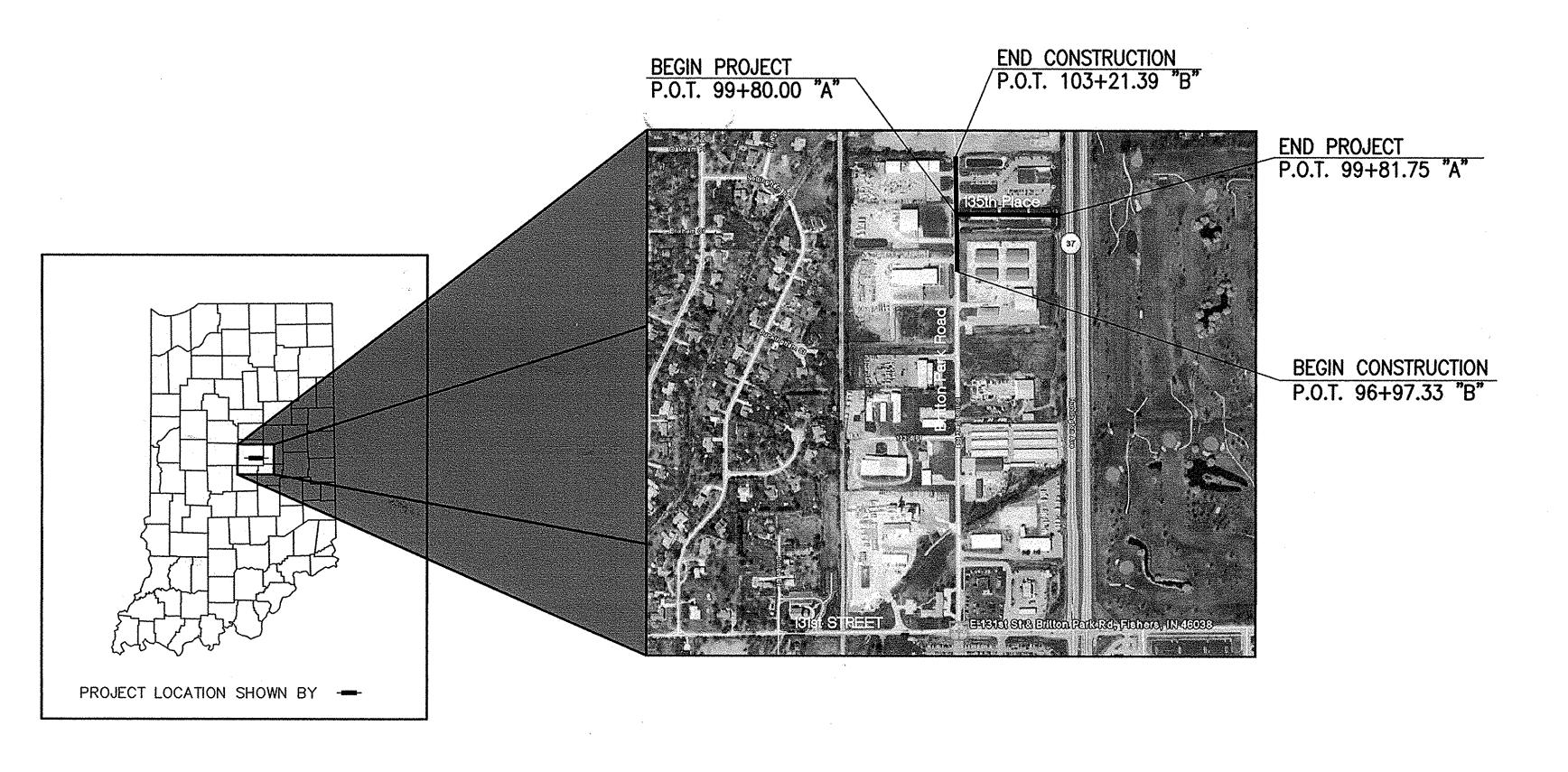
Spread Sheet Submitted 12-13-2013

AF-10014 CONTRACT

TOWN OF FISHERS

ROAD PLANS

BRITTON PARK EXTENSION ROADWAY DESIGN



AS BUILT 6/10/13

- 1. THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH THE CURRENT TOWN OF FISHERS CONSTRUCTION SPECIFICATIONS AND STANDARD CONSTRUCTION DETAILS. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTOR FROM THIS REQUIREMENT.
- 2. THE DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL ADA
- 3. THE CONTRACTOR SHALL SCHEDULE A PRE—CONSTRUCTION MEETING WITH THE TOWN OF FISHERS DEPARTMENT OF ENGINEERING PRIOR TO ANY LAND
- 4. THE FINAL SITE INSPECTION WILL NOT BE PERFORMED BY THE TOWN OF

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

FISHERS DEPARTMENT OF ENGINEERING INSPECTOR UNTIL FINAL SITE STABILIZATION IS COMPLETED.

[INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2012 AND SUSEQUENT SPECIAL PROVISIONS ARE TO BE USED WITH THESE PLANS.]

SA&F ENGINEERING

Creating Order Since 1966 8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864

(317) 202-0864 A & F ENGINEERING PHONE NUMBER 07-16-12 APPROVED FOR LETTING: CHIEF, DIVISION OF DESIGN

""""""""""""""""""""""""""""""""""""""				
T. P. T. P. M. T. P.		DES	SIGNATIO	
No.10302408			_	
STATE OF			SHEETS	
B. MOIANA LIVERS		1	of	35
OF MOIANAMAN ENGINEERS	CONTRACT	PROJECT		-
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FLED JAN - 8 2014 OFFICE OF HAMILTON COUNTY SURVEYOR

UTILITIES

UTILITY	OWNER	ADDRESS
TELEPHONE	Ameritech	220 N. Meridian St. Indianapolis, IN 46204 317—265—2266
GAS	Indiana Gas Co. Inc.	1630 N. Meridian St. Noblesville, IN 46202 317—926—3351 1—800—777—2066
ELECTRIC	Cenergy / PSI Energy	1000 E. Main St. Plainfield, IN 46168 317—839—9611 1—800—521—2232
WATER	Indianapolis Water Co. Inc.	P.O. Box 1220 1220 Waterway Blvd. Indianapolis, IN 46206 317—263—6446
SEWER	Hamilton Southeastern Utilities (HSE)	11901 Lakeside Drive Fishers, IN 46038 317—577—2300

REVISIONS				
SHEET NO.	DATE	REVISED		
6, 8, 10 & 12	2/7/12	TRUCK APRON REVISION/45' RW TO D.U.E. STORM & ISLAND REVISION/LIGHT FND. RELOCATION		
3-14, 18, 19, 22-30, 35	5/10/12	STORM & ISLAND REVISION/LIGHT FND. RELOCATION		
14	5/18/12	BERM MODIFICATION		
13A	7/16/12	ADDED SPOT ELEVATIONS		
8, 11	6/10/13	AS BUILTS FOR LEGAL DRAIN		
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	R/W	INDEX	
SHEET NO.		DESIGNATION	
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GENERAL NOTES

××	All Earth Shoulders, Median Areas, Cut and Fill slopes shall be plain or mulched seeded except where Sodding is specified.
$\times \times$	Clearing and removal of woody vegetation will be kept to a minimum between construction limits and right-of-way.
$\times \times$	Tack Coat shall be placed on new and existing bituminous before a new lift of bituminous is added.

 $\times \times$ REPRESENTS GENERAL NOTES REQUIRED.

INDEX

SHEET NO.	SHEET DESIGNATION
1	TITLE SHEET
2	INDEX & GENERAL NOTES
3-6	TYPICAL CROSS SECTIONS
7	TRAFFIC MAINTENANCE DETAILS
8-9	PLAN AND PROFILE
10–13	CONSTRUCTION DETAILS
13A	ROUNDABOUT SPOT ELEVATIONS
1417	EROSION CONTROL DETAILS
18	SIGN DETAILS
19	LIGHTING DETAILS
20-23	PAVEMENT MARKING DETAILS
24	UNDERDRAIN TABLE
25	STRUCTURE DATA TABLE
26-35	CROSS SECTIONS

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

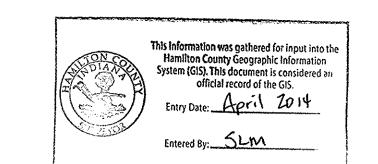
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ENGINEER OR DESIGNER BEFORE PROCEEDING WITH WORK.

HOLEY MOLEY SAYS CALL



AT LEAST TWO FULL WORKING DAYS BEFORE YOU DIG

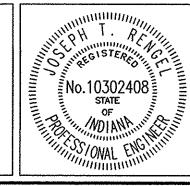
2 WORKING DAYS
CALL TOLL FREE BEFORE YOU DIG
1-800-382-5544
UNDERGROUND PROTECTION CENTER



*A&F ENGINEERING

Creating Order Since 1966

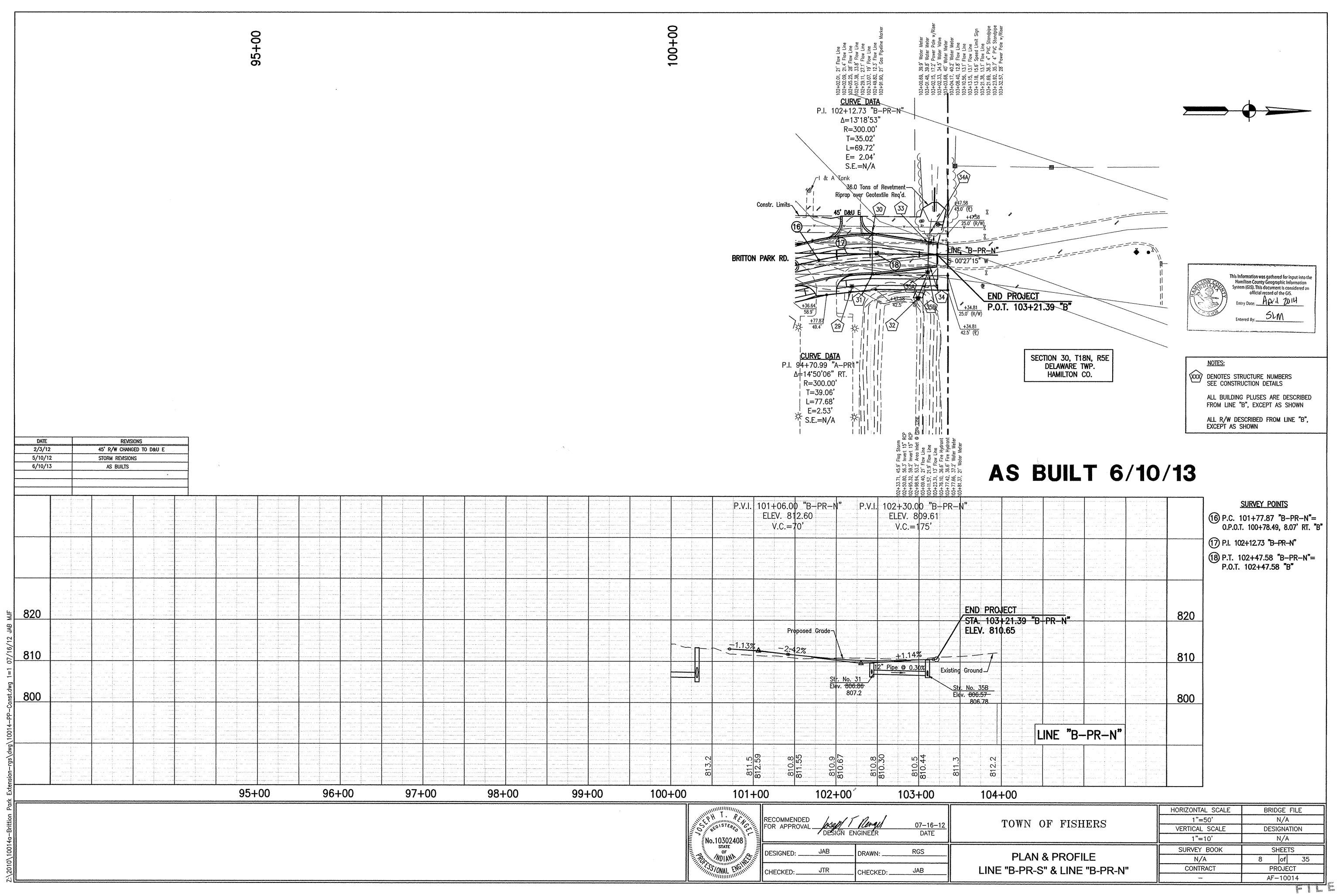
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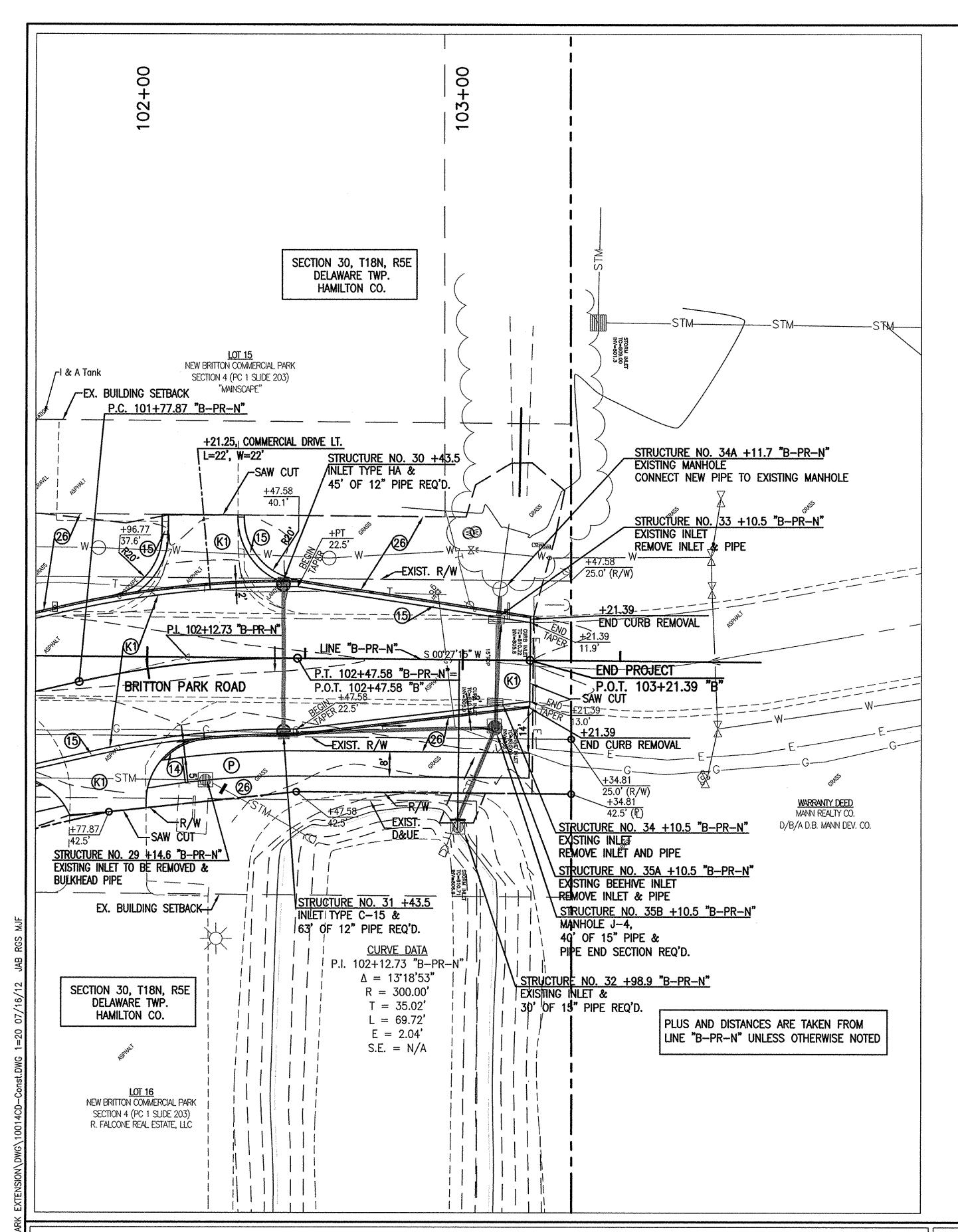


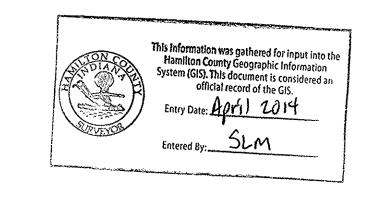
RECOMMENDED FOR APPROVAL	forgt)	1 T Rengel	07-16-12 DATE	
DESIGNED:	JAB	DRAWN:	JAB	

TOWN OF FISHERS	HORIZONTAL SCALE N.T.S.	BRIDGE FILE N/A
	VERTICAL SCALE	DESIGNATION
	N.T.S.	N/A
INTERV 0. CENTEDAT NODEC	SURVEY BOOK	SHEETS
INDEX & GENERAL NOTES	N/A	2 of 35
•	CONTRACT	PROJECT *
	N/A	AF-10014 IAN

OFFICE OF HAMILTON COUNTY SURVEYOR







LEGEND

- A 10 IN. PCCP on 3 IN. COMPACTED AGGREGATE BASE, NO. 8 on 3 IN. COMPACTED AGGREGATE BASE, NO. 53 on 14 IN. LIME STABILIZATION SUBGRADE TREATMENT
- C1 10 IN. PCCP on 3 IN. COMPACTED AGGREGATE BASE, NO. 8 on 3 IN. COMPACTED AGGREGATE BASE, NO. 53 on 14 IN. LIME STABILIZATION SUBGRADE TREATMENT
- F 10 IN. DECORATIVE CONCRETE PAVEMENT on 3 IN. COMPACTED AGGREGATE BASE, No. 8 on 3 IN. COMPACTED AGGREGATE BASE, No. 53 on 14 IN. LIME STABILIZATION SUBGRADE TREATMENT
- HMA FOR SHOULDERS
 165#/SYS HMA SURFACE, TYPE A, 9.5mm on
 495#/SYS HMA BASE, TYPE A, 25.0mm on
 8 IN. COMPACTED AGGREGATE BASE, No. 53
- K1) FULL DEPTH PAVEMENT (HMA)
 165#/SYS HMA SURFACE, TYPE C, 9.5mm on
 275#/SYS HMA INTERMEDIATE, TYPE C, 19.0mm on
 412.5#/SYS HMA BASE, TYPE C, 25.0mm on
 300#/SYS HMA INTERMEDIATE, TYPE C, 19.0 mm on
 330#/SYS HMA BASE, TYPE B, 25.0mm on
 14 IN. LIME STABILIZATION SUBGRADE TREATMENT

- P MULTI-USE PATH (BITUMINOUS)
 330#/SYS HMA SURFACE, TYPE A, 9.5mm on
 5 IN. COMPACTED AGGREGATE BASE, No. 53
- (14) CONCRETE BARRIER CURB
- 15) 2 FT. CONCRETE COMBINED CURB & GUTTER
- 2 FT. CONCRETE ROLL CURB
- SODDING ON 6 IN. TOPSOIL
- CONCRETE CURB RAMP
 (TYPE INDICATED BY LETTER
 IN THE HEXAGON)
- 22) CONCRETE CENTER CURB, TYPE D
- 25) SEED MIXTURE D PER INDOT STANDARD SPECIFICATION 621.06(e)

AS BUILT 6/10/13

NOTE: ALL R/W CALLED OUT FROM LINE "B" UNLESS OTHERWISE NOTED.



8365 Keystone Crossing, Suite 201, Indianapolis, IN. 46240 (317) 202-0864



THITITION WILL	RECOMMENDED FOR APPROVAL	fosie DE:	SIGN ENGINEER	07-16-12 DATE	
	DESIGNED:	JAB	DRAWN:	RGS	
	CHECKED:	JTR	CHECKED:	JAB	

	HURIZUNIAL SCALE		
TOWN OF FISHERS	1" = 20'		
TOWN OF FISHERS	VERTICAL SCALE		
	N/A		
ONIGHIDITION DEPARTS	SURVEY BOOK		
ONSTRUCTION DETAILS	N/A		
NES "B" & "B-PR-N"	CONTRACT		
MED D & DIN N	N/A		

	HODIZONITAL SCALE DOIDGE EIL					
	HORIZONTAL SCALE BRIDGE FILE					
	1" = 20'	N/A				
	VERTICAL SCALE	DESIGNATION				
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	SURVEY BOOK	SHEETS				
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	CONTRACT	PROJECT				
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