



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

October 9, 2008

To: Hamilton County Drainage Board

Re: Exit Ten Drain, S. R. 238 Roundabout Arm, Phase 2

Attached is a 52.0 petition and plans for the proposed relocation of the Exit Ten Drain, S. R. 238 Roundabout Arm. The relocation is being proposed by the Town of Fishers. The proposal is to relocate the drain across parcel #19-11-23-00-00-017.102, owned by Exit 10 Development, LLC, 136th Street right of way owned by the Town of Fishers and S. R. 238 owned by INDOT as part of the S. R. 238 Roundabout Project per plans by A & F Engineering, revision date August 8, 2008.

Per the plans, storm water will be piped from the north side of S. R. 238 to the south, then to the southeast along the right of way to a point near the proposed roundabout and then turned to the southwest and tie into the Exit Ten Drain along the 136th Street right of way.

This line will consist of the following:

24" RCP

463 ft.

30" RCP

611 ft.

The total length of the new drain shall be 1,074 feet. The 843 feet of original drain per my report dated December 30, 1998 and approved by the Board on February 8, 1999 as recorded in Minute Book 5, Pages 90-93 between Structures 6A, 6, 7, 9, 4 and 4A shall be vacated. This proposal will add 231 feet to the drain's total length. The pipes between the following structures will be affected: Structure 6A, 6, 7, 9, 4 and 4A. Included in this footage to be placed is 177 feet of drain located east of Structure 9.

The cost of the relocation is to be paid by the Town of Fishers. The town is not required to provide surety in the form of a Performance Bond or Letter of Credit.

A non-enforcement request has been submitted by the Town of Fishers for the Exit Ten Drain reconstruction. Easement for the new drain will be within the corresponding road right of way and the drainage easement as shown on the secondary plat for Saxony TIF District Road & Utility Infrastructure to be recorded in the Hamilton County Recorder's Office. Non-enforcement permit No. SUBNE -2008-00012 applies to the regulated storm facilities listed in this report and to the regulated storm facilities listed in my other report title Exit Ten -136th Street Arm, which are both submitted to the Board at this time. I recommend the Board approve the non-enforcement which is attached to my report for the Exit Ten Drain, 136th Street Arm.

I recommend that the Board set a hearing date for November 24, 2008.

Sincerely,

Kenton C. Ward, CFM Hamilton County Surveyor

KCW/llm

Gasb 34 Asset Price & Drain Length Log

Drain-Improvement: SR 238 Roundabout Arm - Phase 2

		T			If App	licable
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
RCP	24"	463			\$18.00lf	\$8334.00
RCP	30"	172			\$24.60lf	\$4231.20
				·		
	,					
	Sum:	1074		-		\$12,565.2
Final Report:				,		
Comments:						
	<u> </u>				·	

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF

Exit Ten Drain Relocation, S. R. 238 Roundabout Arm Phase 2

NOTICE

То	Whom	Ιt	Мау	Concern	and:	
						_

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the Exit Ten Drain Relocation, S. R. 238 Roundabout Arm Phase 2 on November 24, 2008, at 9:05 A.M. in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest:Lynette Mosbaugh

ONE TIME ONLY

STATE OF INDIANA)

) SS BEFORE THE HAMILTON
)

COUNTY OF HAMILTON) DRAINAGE BOARD

IN THE MATTER OF Exit Ten Drain, S R 238 Arm, Phase 2

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting November 24, 2008 adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven A. Holt
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY

FINDINGS AND ORDER

CONCERNING THE MAINTENANCE OF THE

Exit Ten Drain, S. R. 238 Arm, Phase 2

On this **24th** day of **November 2008**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Exit Ten Drain**, S. R. 238 Arm, **Phase 2**.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD

President

Member

Member

Attest: Lyneth Moskey

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

Exit Ten Drain, S. R. 238 Roundabout Arm, Phase 2 Original Drain between Structures 6A, 6, 7, 9, 4 and 4A

On this 24th day of November 2008, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the Exit Ten Drain, S. R. 238
Roundabout Arm, Phase 2, Original Drain between Structures 6A, 6, 7 9, 4 and 4A.

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the Exit Ten Drain, S. R. 238 Roundabout Arm, Phase 2.

HAMILTON COUNTY DRAINAGE BOARD

President

Member

Member

STATE OF INDIANA) BEFORE THE HAMILTON COUNTY
OF HAMILTON) NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
Exit Ten Drain, S. R. 238 Roundabout Arm, Phase 2

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Exit Ten Drain**, S. R. 238 Roundabout Arm, Phase 2 came before the Hamilton County Drainage Board for hearing on November 24, 2008, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the Exit Ten Drain, S. R. 238 Roundabout Arm, Phase 2 be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

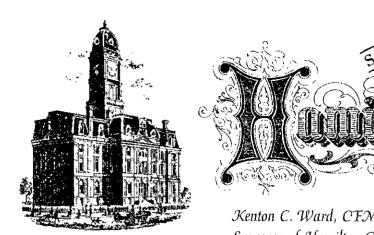
HAMILTON COUNTY DRAINAGE BOARD

PRESIDENT

Member

Member

Executive Secretary



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

September 30, 2010

Re: Exit Ten Drain: SR 238 Roundabout Arm, Phase 2

Attached are as-builts, certificate of completion & compliance, and other information for SR 238 Roundabout Arm, Phase 2. 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 October 9, 2008. The report was approved by the Board at the hearing held November 24, 2008. (See Drainage Board Minutes Book 11, Pages 402-404) The changes are as follows:

Structure:	Length:	Size	Material:	Up Invert:	Dn_Invert:	Grade:
12-16A	82	24	RCP	839.54	839.8	-0.32
16A-17	379	24	RCP	839.8	838	0.47
17-53	200	30	RCP	838	837.3	0.34
53-54	56	30	RCP	837.3	837.3	0
54-55	100	30	RCP	837.4	837.1	0.3
55-56	100	30	RCP	837.1	836.7	0.4
56-60	176	30	RCP	836.6	835.8	0.45
60-57	11	36	RCP	836	836.5	-4.55

RCP Pipe Totals:

24	461
30	632
36	11

The length of the drain due to the changes described above is now 1104 feet.

The non-enforcement was approved by the Board at its meeting on November 24, 2008 and recorded under instrument #2010048936. Sureties were not required for this project as it was paid for by the Town of Fishers.

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

Sincerely,

Kenton C. Ward, CFM Hamilton County Surveyor

KCW/slm

CERTIFICATION OF COMPLETION AND COMPLIANCE

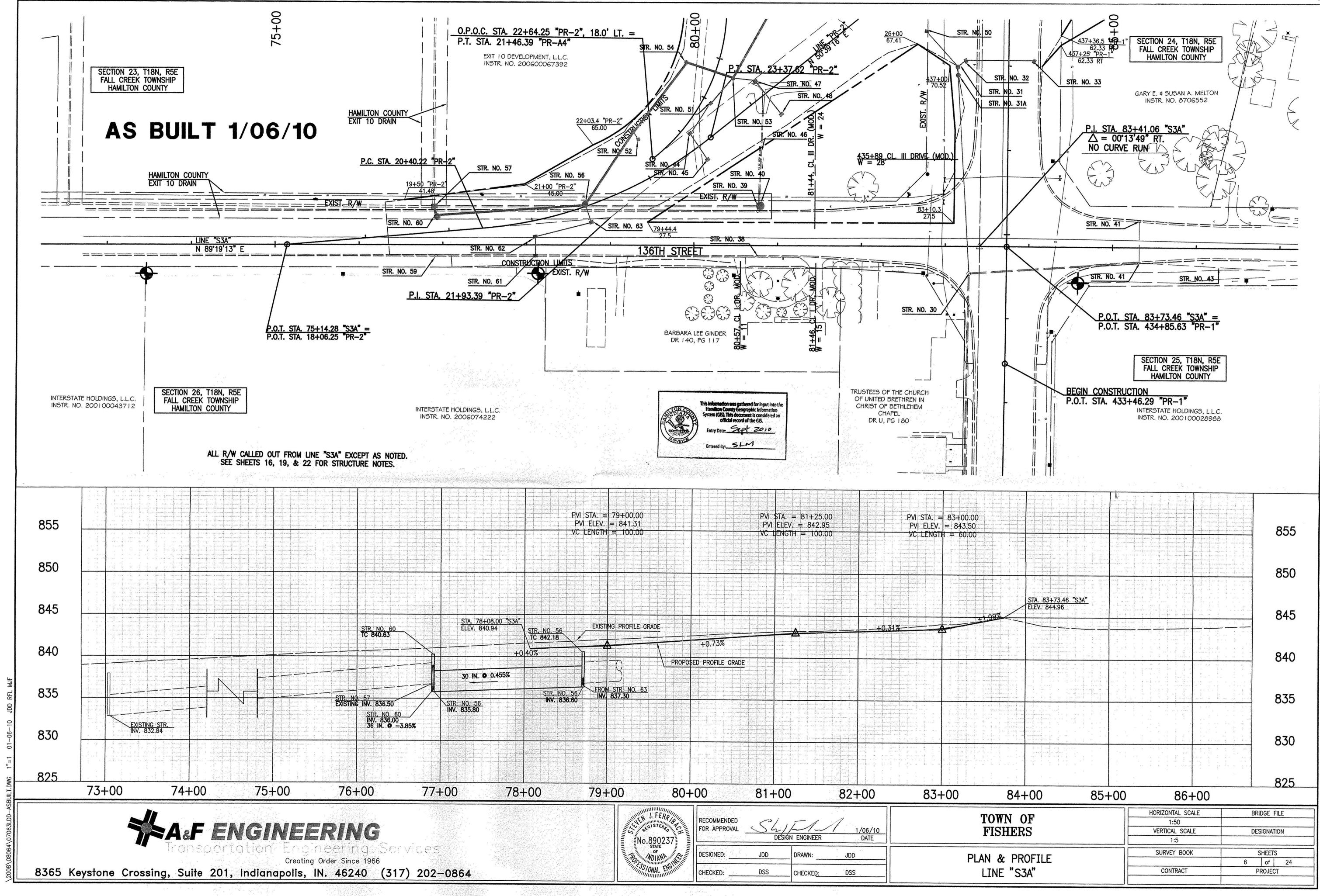
To: Hamilton County Surveyor
One Hamilton County Square
Noblesville, IN 46060

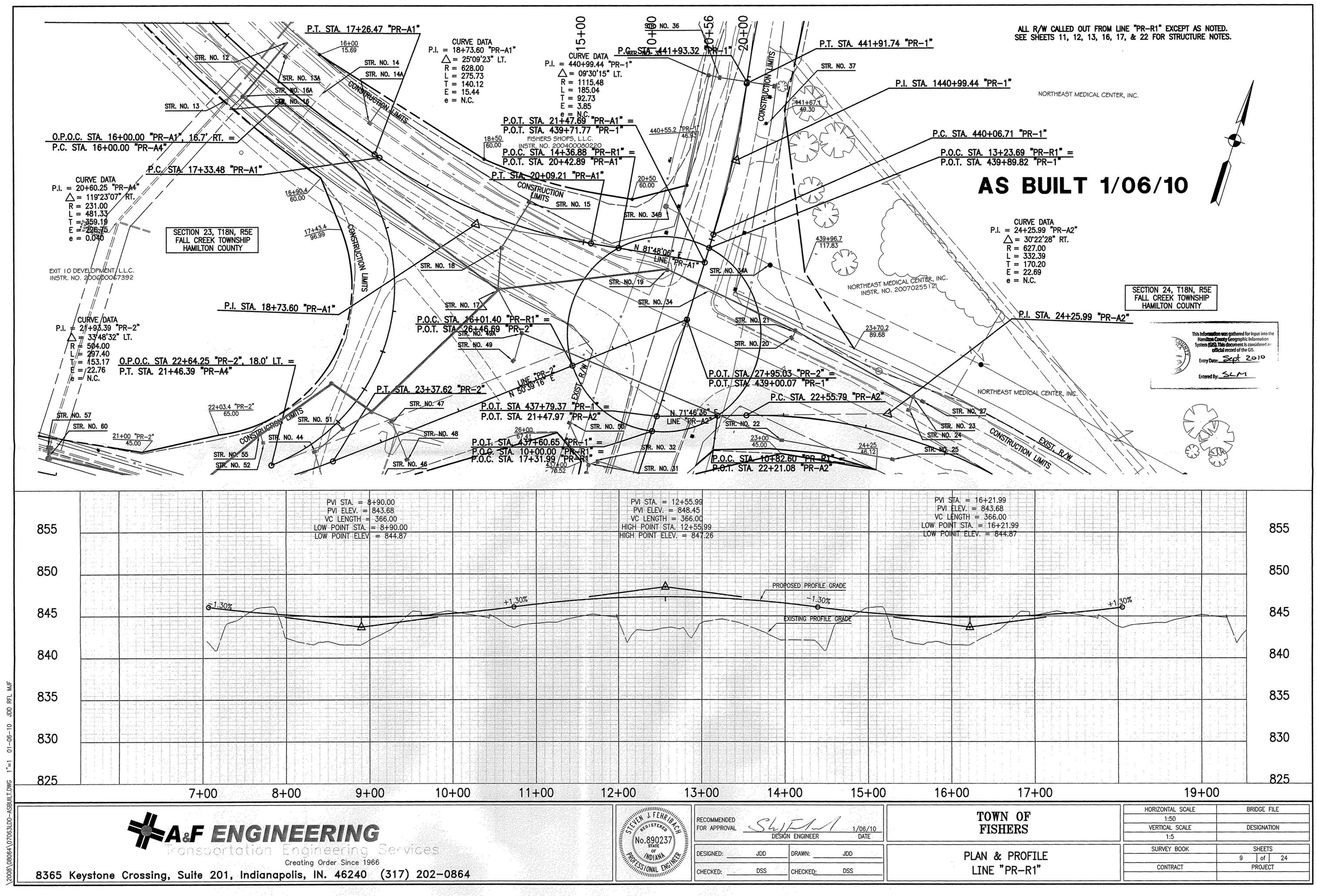
Re: S.R. 238 & Olio Road Reconstruction with Reconstruction of Exit 10 Drain

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.
- 5. 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: Sky/	Date: 4-23-10
Type or Print Name:	Steven J. Fehribach, P.E
Business Address:	A&F Engineering Co., LLC
	8365 Keystone Crossing, Suite 201 – Indianapolis, IN 46204
Telephone Number:	(317) 202-0864
SEAL	INDIANA REGISTRATION NUMBER
MAN LEHRIS	890237





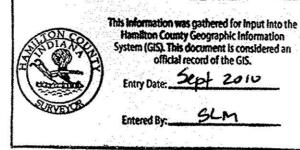
									_ =					STRU	CTU	RE D	ATA		*										
STRUCTURE	STATION	CATION	CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	UP STREAM	DOWN STREAM	SERVICE LIFE	TE DESIGNATION	Hd	BACKFILL	STRUCTURE	FLOWABLE BACKFILL	GEOTEXTILES	REVETMENT	CONCRETE, CLASS A, FOR STR.	PIPE END SECTION		RATED BO			AFETY MET ND SECTIO		ONNECT TO STR.	REMARKS
	Line"PR - A1"		FT	INCHE	S		LFT		LFT	ELEV.	ELEV.	YRS.	is.	ļ	-	CYS	CYS	SYS	TON	CYS	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.	5	
10	NOT USED																												
11	15+46	X				Existing Inlet						1		<u> </u>	<u> </u>							w,			<u></u>				No Change required
12	15+55		X	24	2		82	3°.	3	839.54	839.80	50	Non-Abr	7.0	1						1							16A	Build to Hamilton Co. Surveyor's Office standards
13	15+51)	(Existing Manhole																							No Change required
13A	15+70	X		12	2	Inlet Type B-15	20		2	841.20	840.94	50	Non-Abr	7.0	1						1		1						
14	16+31.6		X			Existing Pipe						·																	Remove Pipe
14A	17+00	Х		12	2	Inlet Type B-15	27		2	842.20	841.81	50	Non-Abr	7.0	1						1								
15	19+24	X		12	2	Inlet Type C-15	61		1	839.40	839.10	50		7.0	1	14.7												18	
15A	19+24	X		12	2		19		2	839.66	839.40	50	Non-Abr	7.0	1						1							15	
16	15+61			12	2		21		2	840.16											1 1								
										1.1261.	839.90	50	Non-Abr	7.0							1							16A	
16A	15+62		2	24		Manhole Type C-4	379		4	839.80	838.00	50	Non-Abr	7.0	1													17	Build to Hamilton Co. Surveyor's Office standards
17	19+19	6	2	30	2	Manhole Type L-4	200		3	838.00	837.30	50	Non-Abr	7.0	1	0.0					-							53	Build to Hamilton Co. Surveyor's Office standards
18	19+17)	(18	2	Inlet Type C-15	47		1	839.00	838.40	50	Non-Abr	7.0	1	2.8												17	
19	21+05 Line "PR - A2"		6	24	2	Manhole Type C-4	200		3.5	839.40	838.30	50	Non-Abr	7.0	1	145.9					1,144							17	Build to Hamilton Co. Surveyor's Office standards
20	23+02	X		12	2	Inlet Type B-15	7		1	842.60	842.40	50	Non-Abr	7.0	1	1.1												21	Build to Hamilton Co. Surveyor's Office standards
21	23+06	10	00	18	2	Manhole Type C-4	166		4	840.40	839.40	50	Non-Abr	7.0	1	138.4						######################################						19	Build to Hamilton Co. Surveyor's Office standards
22	23+00			15	2	Inlet Type C-15	338		2.5	841.10	839.60	50	Non-Abr	7.0	1	106.2												49 A	
23	24+43	50		18	2	Manhole Type C-4	158		3	840.90	840.50	50	Non-Abr	7.0	1	12.4										58 1 a		21	Build to Hamilton Co. Surveyor's Office standards
24	24+43	X		12	2	Inlet Type B-15	14		1	841.90	841.50	50	Non-Abr	7.0	1	4.2						<u> 17</u>							
	24+42		,						1 5																			23	
25				15		Inlet Type B-15	130		1.5	841.60	841.10	50	Non-Abr	7.0		35.5												22	
26	Not Used				, 															<u> </u>									
27	24+55	X		12	2	Inlet Type P-12A	9		1	841.60	841.50	50	Non-Abr	7.0	1	1.7					A 2 .							23	Build to Hamilton Co. Surveyor's Office standards
27A	29+75	X				Existing Pipe																							Remove Pipe
28	32+91	X				Existing Pipe																							No Change Required
29	34+57	X				Existing Pipe																							No Change Required
	Line "PR-1"																								P				
30	434+53	X				Existing Manhole	A STATE OF			838.88																			Adjust casting to grade
31 31A	437+02 436+87	60 X	58	15 15	2	Aqua-Swirl AS-6 Manhole Type C-4	8 232		1.5 1.5	840.40 840.20	840.40 839.80	50 50	Non-Abr Non-Abr	7.0 7.0	1	3.1 72.1												31A 30	SDR 35 PIPE REQ'D
32	437+06	X		12	2	Inlet Type B-15	8		2	840.00	840.40	50	Non-Abr	7.0	1	1.7													SDR 35 PIPE REQ'D
33	437+07	x		12	2	Inlet Type B-15	83		1	841.00	840.20	50	Non-Abr	7.0	1	16.4												32	
34	439+43		X			Existing Pipe											2												Remove Pipe
34A	439+92	70	6			Existing Manhole																							Adjust casting to grade
																												1122200	
										This informe	tion was gathered for input in County Geographic Informat	nto the	JUNIUM IN THE MENT OF THE PROPERTY OF THE PROP	J. FEHRIA	RE	ECOMMEND	ED S	hIF	1/1	10/07/02				OWN C					ORIZONTAL SCALE BRIDGE FILE NONE VERTICAL SCALE DESIGNATION

A&F ENGINEERING

Transportation Engineering Services

Creating Order Since 1966

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



	minimum,
	J. FEHR 18
	FEHRING STERED TO
	No 890237
1	STATE
1	B. WOIANA
1	No.890237 No.890237 No.890237 No.890237
	· mummunt

RIBANIA	RECOMMENDED FOR APPROVAL	Sh	1F1	10/27/08
37		DESIG	GN ENGINEER	DATE
*	DESIGNED:	JDD	DRAWN:	JDD

_ CHECKED: ____MJF_

CHECKED: MJF

TOWN OF
FISHERS

HORIZONTAL SCALE	l E	RIDGE FIL	E						
NONE									
VERTICAL SCALE	D	ESIGNATIO	N						
 NONE									
 SURVEY BOOK	T	SHEETS							
	23	of	24						
CONTRACT	PROJECT								

STRUCTURE DATA

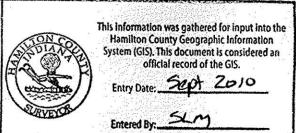
														STRU	JCTU	RE D	ATA												
STRUCTURE	STATION	LEFT NOITED	CROSS	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	UP STREAM	DOWN STREAM	SERVICE LIFE	TE DESIGNATION	Hd	BACKFILL	STRUCTURE BACKFILL	FLOWABLE BACKFILL	GEOTEXTILES	REVETMENT	CONCRETE, CLASS A, FOR STR.	PIPE END SECTION	1	GRATED B END SECT		1	SAFETY MI END SECT		ONNECT TO STR.	REMARKS
			FT	INCHES			LFT		LFT	ELEV.	ELEV.	YRS.	SI	ļ		CYS	CYS	SYS	TON	CYS	EA.	TYPE	SLOPE	EA.	TYPE	SLOP	E	ŏ	
34B	Line "PR-1" 440+21	64				Existing Manhole																							Adjust casting to grade
35	441+95	41		18	2	Manhole Type C-4	236		2	840.80	839.40	50	Non-Abr	7.0	1	100.9												19	
36	441+95	X		12	2	Inlet Type C-15	11		1	841.00	841.00	50	Non-Abr	7.0	1	0.8												35	
37	441+95	X		12		Inlet Type B-15	65		1 1	841.50	841.10	50	Non-Abr	7.0	1	13.5												36	
		 ^																											Adjust casting to grade
37A	443+27					Existing Inlet																							
38	Line"S3A" 80+76	X				Existing Inlet																							Adjust casting to grade
39	80+76	X		·		Existing Inlet																							Remove Str & Pipe
40	80+78	46				Manhole Type L-4				837.78																			Remove existing MH, Place new MH on existing pipe
						Existing Inlet																							Remove Str & Pipe
41	85+32	X																											Remove Str & Pipe
42	85+32					Existing Inlet																							
43	86+25	X				Existing Pipe				5																			Remove Pipe
44	Line "PR-2" 23+21			12	2	Inlet Type C-15	41		1	838.40	838.30	50	Non-Abr	7.0	1	8.4						ļ						51	
						. 1.2	36			838.60	838.40	50	Non-Abr	7.0		7.2												44	
45	23+19			12		Inlet Type B-15	30			030.00	030,40	30	NOII-ADI	7.0															Pomovo Dino
46	23+60	X			, set	Existing Pipe																							Remove Pipe
47	24+21	X		12	2	Inlet Type C-15	24		1	838.40	838.20	50	Non-Abr	7.0		5.3								No.				53	
48	24+21	X		12	2	Inlet Type B-15	48		0.7	838.70	838.50	50	Non-Abr	7.0	1	8.0												47	
49	25+85	X		12	2	Inlet Type B-15	31		2	839.70	839.60	50	Non-Abr	7.0	1 1	6.4												49A	
49A	26+05	X		15	2	Manhole Type C-4	55		2	839.50	838.90	50	Non-Abr	7.0	1	3.8												17	
50	26+20	X		12	2	Inlet Type B-15	40		2	840.60	840.10	50	Non-Abr	7.0	1	17.5												31	SDR 35 PIPE REQ'D
51	23+63	X		15	2	Inlet Type E-7	37		1	838.30	838.00	50	Non-Abr	7.0	1	8.4												53	
53	24+03	X		30		Manhole Type J-4	56		2	837.30	837.30	50	Non-Abr	7.0	1	37.2												54	Build to Hamilton Co. Surveyor's Office standards
33																													
52	Line "PR-4" 21+50	×		12		Inlet Type P-12A	9		1	837.70	837.70	50	Non-Abr		1	16.3 60.6												55	Build to Hamilton Co. Surveyor's Office standards
54 55	20+19 21+50	X		30		Manhole Type J-4 Manhole Type J-4	100 100		1.5 1.5	837.40 837.10	837.10 836.70	50 50	Non-Abr Non-Abr	7.0	1	86.6													Build to Hamilton Co. Surveyor's Office standards
56	Line "PR-2" 21+66.5		X	30	2	Manhole Type L-4	176		2	836.60	835,80	50	Non-Abr	7.0	1	75.0												60	Set on Existing Pipe/
57	Line "S3A" 76+90	X				Manhole Type D-8																					- T	С	Build to Hamilton Co. Surveyor's Office standards ONNECT EXISTING PIPES TO MH/Build to Hamilton Co. Surveyor's Office St
58	70+91	X				Existing Inlet																							Remove Inlet & Pipe
59 60	76+92 76+91	X		36	2	Existing Inlet Manhole Type L-4	11		2	836.00	836.50	50	Non-Abr	7.0	1	4.3				2,								57	Build to Hamilton Co. Surveyor's Office standards
61	78+11			12	2	Inlet Type B-15	21		2	837.70	837.40	50	Non-Abr	7.0	1	6.7												62	Set Manhole Invert at 832.60
62	Line "PR-2" 21+00			12		Inlet Type B-15	65		2	837.30	837.10	50	Non-Abr	7.0	1	21.9												63	
63	21+66.5	X		12		Inlet Type B-15	20		2	837.00	837.30	50	Non-Abr		1	5.1												56	Adjust casting to grade
64	Line "PR-R1 14+10.76					Existing Manhole															1								Adjust casting to grade
														William V FFU	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						1			TOWN	IOE				HORIZONTAL SCALE BRIDGE FILE

A&F ENGINEERING

Transportation Engineering Services

Creating Order Since 1966

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



	J. FEHR
	S No 000227
	STATE OF OF
1.7	NO.090237 STATE OF WDI ANA

RECOMMENDED FOR APPROVAL	<u>S</u>	SIGNI	ENGINEER	11/18/08 DATE
DESIGNED:	JDD		DRAWN:	JDD
CHECKED:	MJF		CHECKED:	MJF

TOWN OF	HORIZONTAL SCALE	BR	IDGE FILE	
TOWN OF	NONE			
FISHERS	VERTICAL SCALE	E DESIGNATION		١
	NONE			
	SURVEY BOOK	SHEETS		
		24	of	24
STRUCTURE DATA	CONTRACT	PROJECT		