





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

January 17, 2007

To: Hamilton County Drainage Board

RE: Vestal Kirkendall Drain - Mary Cox Arm 1 Reconstruction

Attached is a petition and plans for the proposed reconstruction of the Vestal Kirkendall Drain. The reconstruction is being proposed by the Town of Westfield. The proposal is to reconstruct the 161st Bridge and enclose the Mary Cox Arm 1 on the south side of the road. Arm 1 was outlined in my report dated January 19, 2005, and approved by the Board on February 14, 2005; (Hamilton County Drainage Board Minutes Book 8; Page 178).

This line will consist of the following:

150' of 42" RCP pipe and 155' of 29" x 45" elliptical RCP pipe, two (2) manhole structures will also be installed This will occur between Sta. 9+25 to Sta. 10+85 on the Mary Cox Arm 1 drain. This is reflected on plan sheet 6 prepared by United Consulting Inc., dated December 21, 2007, and have a project number of IN20050304.

Structure numbers 7001A and 7003A will be removed.

This proposal will not add additional footage to the length of the drains total length.

The cost of the relocation is to be paid for by the Town of Westfield and is within the boundaries of the public Right of Way of the Town of Westfield, who petitioned for the reconstruction. The project falls under the requirements as set out in IC 36-9-27-52.5, therefore, a hearing is not required for the petition.

The petitioner was not required to provide a performance bond since this is a Town of Westfield project. There is no new easement required for this drain as it is being reconstructed in existing easement and right of way.

I recommend approval by the Board at this time.

Sincerely,

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/mlg

Gasb 34 Asset Price & Drain Length Log

Drain-Improvement: Mary Cox Arm 1 Reconstruction

					If Applicable				
Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:			
RCP	42	155	155	0	\$52.65 If	\$8,160.75			
HERCP	29" X 45"	155	155	0	\$76.95 lf	\$11,927.25			
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			·						
	Sum:	155*		0		\$20,088.00			
Final Report:									
Comments: *Parallel pipe									
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HAMILTON COUNTY DRAINAGE BOARD NOBLESVILLE, INDIANA

IN RE:	Bridge Replacement-161st St. over Kirkendall Cr)
	Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

	The Town of Westfield (hereinafter Petitioner"),
hereby	petitions the Hamilton County Drainage Board for authority to relocate and improve a
section	of the Vestal Kirkendall Drain, and in support of
said pe	tition advises the Board that:
1,	Petitioner owns real estate through which a portion of theVestal Kirkendall
	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 Vestal Kirkendall 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 Vestal Kirkendall Drain, without cost to other property owners
	on the watershed of the Vestal Kirkendall 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.
١	HEREFORE, Petitioner requests that an Order issued from the Hamilton County
Draina	ge Board authorizing relocation and reconstruction of the
Drain,	in conformance with applicable law and plans and specifications on file with the Hamilton
County	Surveyor. Signed No. 1 B. Van Trees Printed



Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

To: Hamilton County Drainage Board

Suite 188 One Hamilton County Square Noblesville, Indiana 46060-2230

August 10, 2010

Re: Vestal Kirkendall Drain - Mary Cox Arm 1 Relocation

Attached are plans and other information for the Mary Cox Arm 1 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 there were no significant changes made to the drainage plans submitted with my report for this drain dated January 17, 2007. (See Drainage Board Minutes Book 11, Page 40) Therefore, the length of the drain remains at **0 feet**.

A non-enforcement was not required for this project because all the work was done within the existing right of way and drainage easements. This project was paid for by the Town of Westfield, therefore sureties were not required.

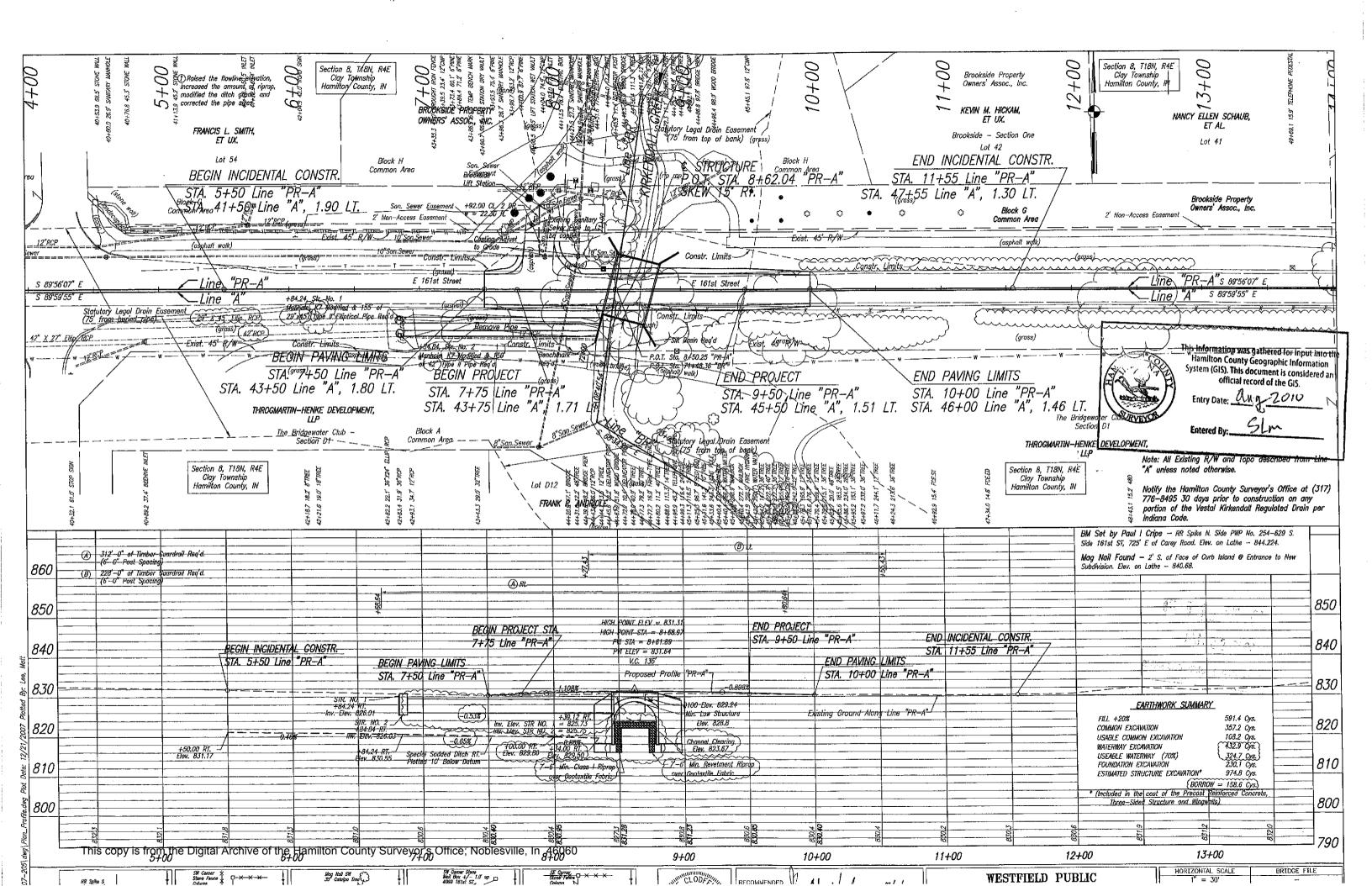
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

Kenton C. Ward, CFM

Hamilton County Surveyor

KCW/slm



	STRUCTURE DATA																						
STRUCTURE NUMBER	LOCATION STATION	RICHT	SIZE	HIPE TYPE	MANHOLE, INLET CATCH BASIN, OR SPECIALTY STRUCTURE	± LENGTH	SKEW	S COVER	FLOW L UP STREAM elev.	DOWN STREAM elev.	SERVICE LIFE	SITE DESIGNATION	hд	BACKFILL TYPE	STRUCTURE BACKFILL	A HOWABLE MORTAR	CLASS / RIPRAP		1	GRATED BOX END SECTION		REMAI	rks
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3	7+96.32 "PR-A"	العا	1000		Casting, Adjust to Grade													-			_	†	
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4	8+21.52 "PR-A"	X			Casting, Adjust to Grade																		
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6+68.64 "PRA"	9+80.64 "PR-A"		X	312			-								1.5	245.0	
8+27.43 "PRA"	10+55.43 "PR-A"	X		228											1.5	244.9	
	TOTALS			540					<u> </u>					-	3.0	489.9	

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TOTALS				

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TOTALS						

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	T	in.	sfl.		
6+67,84 RT "PR-A"	OM3R	0.08	3	1-A	7.83
8+26.43 LT "PR-A"	OM3L	0.08	3	1-A	7.83
9+81.84 RT "PR-A"	OM-JL	0.08	3	1A	7.83
10+56.43 LT "PR-A"	OM-3R	0.08	3	1-A	7.83
10100110 27 111 11		TOTAL	5 12		<i>31.3</i>

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				sys.	sys.	sys.	sys.	SVS.	sys.	sys.
7+50 "PR-A"	8+45 "PR-A"	X	1		1			Γ		120.3
5+50 *PR-A*	8+35 "PR-A"	" X	<u> </u>		122				872.2	
8+85 "PR-A"	11±53 "PR-4"	X								311.8
8+75 "PR-A"	10+00 "PR-A"		† ···· †						Ι	195,7
TOTALS					122	<u> </u>			872.2	627.8

* INCLUDED IN THE COST OF THE TIMBER GUARDRAIL

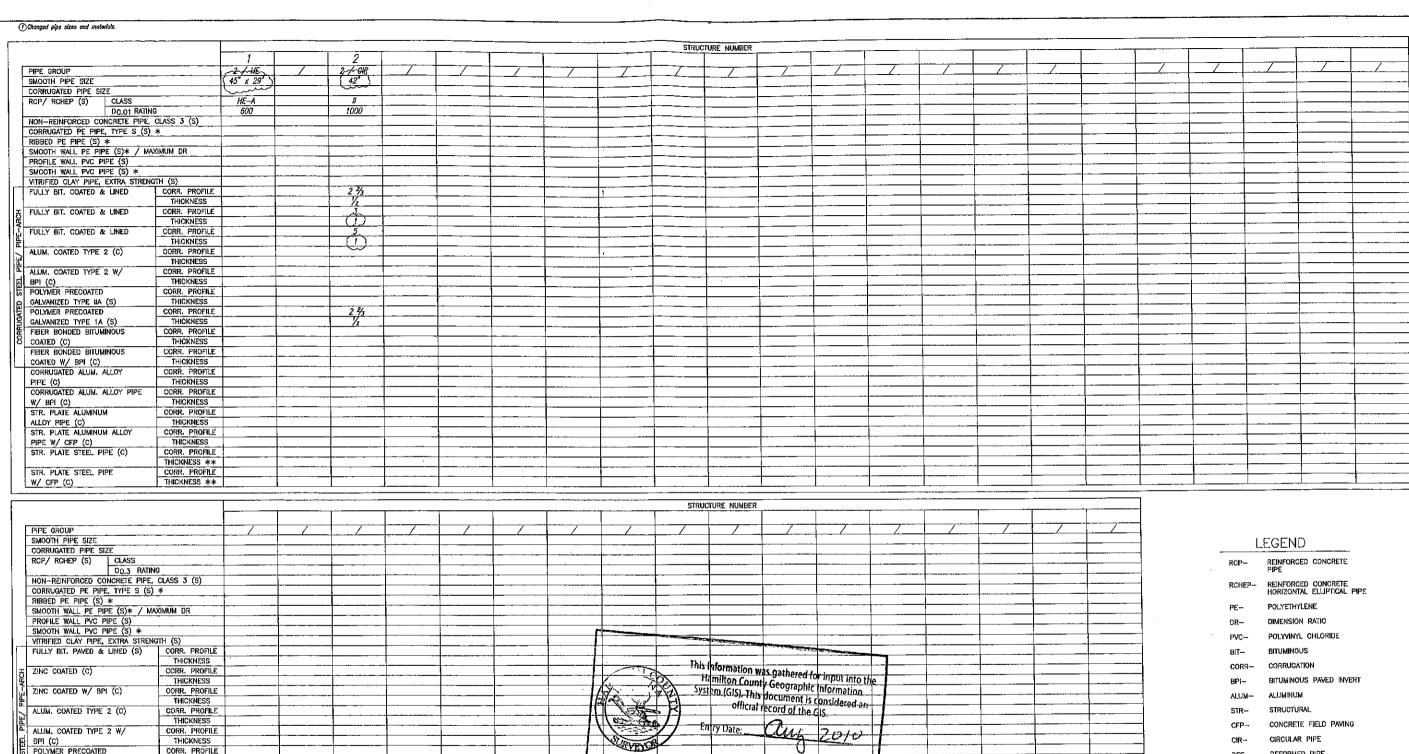
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WESTFIELD PUBLIC

HORIZONTAL SCALE

BRIDGE FILE



WRYING! POLYMER PRECOATED CORR. PROFILE THICKNESS Entered By: GALVANIZED (C) POLYMER PRECOATED CORR. PROFILE GALVANIZED W/ SPI (C) THICKNESS FIBER BONDED BITUMINOUS COATED (C) THICKNESS CORR. PROFILE COATED W/ BPI (C) THICKNESS CORRUGATED ALUM. ALLOY CORR. PROFILE PIPE (C) THICKNESS CORRUGATED ALUM, ALLOY PIPE CORR. PROFILE THICKNESS STR. PLATE ALUMINUM CORR. PROFILE ALLOY PIPE (C) THICKNESS STR. PLATE ALUMINUM ALLOY CORR. PROFILE THICKNESS PIPE W/ CFP (C) CORR. PROFILE STR. PLATE STEEL PIPE (C) THICKNESS ** STR. PLATE STEEL PIPE CORR. PROFILE W/ CFP (C) THICKNESS **

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TABULATED THICKNESS REFERS TO TOP & SIDE PLATES. BOTTOM PLATES SHALL BE OF NEXT GREATER AVAILABE THICKNESS.

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HORIZONTAL SCALE BRIDGE FILE

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