

Drain: Oliver Shoemaker Drain

Improvement-Arm: 146th Street Reconstruction

Date Approved: January 28, 2008

Drain Input Checklist

- Create Regulated Drain Record in Posse _____
Drain Type
Outlet (Tab)
Outlet Attached
Location
Twp
Certification
Drain Number
- Enter Improvement Arm in Posse _____
(Construction Amount = Storm Drains, Erosion Control, Sub-surface drain & Earthwork)
- Scan Documents _____
Surveyor's Report
Engineer's Estimate
Bonds
Findings and Order
Petition
- Create Posse Inspection Job _____
- Enter into Watershed Summary Spreadsheet _____
- Check for Vacation of Drain & Map Changes _____
- Check Drainage Easement Classification _____
- Sum drain length & Validate in GIS _____
- Enter New Watershed Length into Posse _____
- Create Boundary of Improvement in GIS _____



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

November 2, 2007

To: Hamilton County Drainage Board

Re: Oliver Shoemaker Drain – 146th Street Reconstruction

Attached is a petition and plans for the relocation and reconstruction of the Oliver Shoemaker Drain. The relocation and reconstruction was proposed by the City of Noblesville and Hamilton County. The project reconstructed the Oliver Shoemaker Drain within the 146th Street Right of Way and across the Common Area of Woodberry Sec. 4.

The reconstruction was done as part of the 146th Street widening project between State Road 37 and Boden Road per plans submitted by Indiana Department Of Transportation , Dated October 26, 2003, Job Number STP-9929(040), Contract R-28718.

The project reconstructed the Oliver Shoemaker Drain between Sta. 0 and Sta. 4+80 in Woodberry Sec. 4. The reconstruction removed 480' of 5" tile within Woodberry Sec. 4. This was from Station 0 south to where a new structure was set on the existing storm line at Sta. 4+80 (Str. 102). This drain was outlined in my report dated October 27, 1999 and approved by the Board at a hearing on November 8, 1999 (See Drainage Board Minutes Book 5, Page 271). Therefore, 480 feet of 5"drain was removed from the Woodberry Drain with the proposed 146th Street road project.

The reconstruction consists of 980 feet of 21" RCP from the proposed lake on the former Smithfield Farms LLC tract to an existing 30" RCP (Str. 102) in Woodberry Sec. 4.

The new Oliver Shoemaker Drain reconstructed with the 146th Street Project consists of the following pipe length between the following structures: 177, 188, 96, 97 and 102

21" RCP – 980 feet

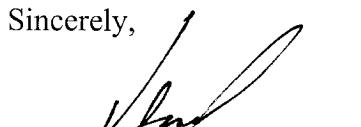
The length of new Oliver Shoemaker Drain will be 980 feet. Therefore, the reconstruction added 500 feet to the Oliver Shoemaker Drain's overall length.

The easement for the new Oliver Shoemaker Drain shall be held within the new Right of Way for 146th Street and in existing easement across Woodberry Sec. 4 Common Area. Therefore, no new additional easements shall be necessary at this time.

The cost of the relocation/reconstruction was paid by and constructed by the City of Noblesville and Hamilton County. Therefore, a performance bond was not required for the relocation/reconstruction.

I recommend that the board set the hearing for January 28, 2008.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/lm

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

Revised June 1997

IN RE: Oliver-Shoemaker Drain)
Hamilton County, Indiana)

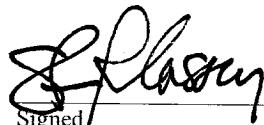
PETITION FOR RELOCATION AND RECONSTRUCTION

Hamilton County Highway Department _____ (hereinafter Petitioner"), hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the _____ Oliver-Shoemaker _____ Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the _____ Oliver-Shoemaker _____ 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 _____ Oliver-Shoemaker _____ 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 _____ Oliver-Shoemaker _____ Drain, without cost to other property owners on the watershed of the _____ Oliver-Shoemaker _____ 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 _____ Oliver-Shoemaker _____ Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

For and in behalf of
Hamilton County Highway
Department



Signed _____
Steven Passey, PE, United Consulting Engineers
Printed _____

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
Oliver Shoemaker Drain, 146th Street Reconstruction

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the *Oliver Shoemaker Drain, 146th Street Reconstruction* came before the Hamilton County Drainage Board for hearing on **January 28, 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.

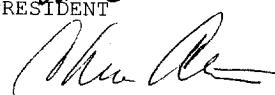
Wherefore, it is ORDERED, that the proposed Reconstruction of the *Oliver Shoemaker Drain, 146th Street Reconstruction* be and is hereby declared established.

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:

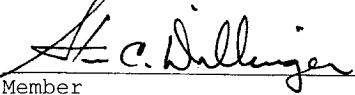
HAMILTON COUNTY DRAINAGE BOARD



PRESIDENT



Member

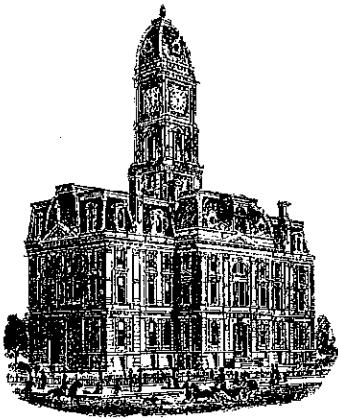


Member

ATTEST:



Lynette Mastenburgh
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

November 18, 2011

Re: Oliver Shoemaker Drain: 146th St Reconstruction

Attached are as-builts, certificate of completion & compliance, and other information for Oliver Shoemaker – 146th Street 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 November 2, 2007. The report was approved by the Board at the hearing held. (See Drainage Board Minutes Book 11, Pages 10-12)

The changes are as follows:

The 21" RCP was lengthened from 980 feet to 1027 feet. With the drain tied into an existing 30" RCP, there was 10 feet of 30" RCP installed at Structure 102. Therefore, 10 feet of 30" RCP was added to this project and 10 feet of existing 30" RCP was removed from the existing Woodberry Sec. 4 Arm. The length of the drain due to the changes described above is now **1,037 feet**.

A non-enforcement permit was not required as the work was done in existing drainage easements and the 146th Street right of way. Sureties were not required as the project was funded by Hamilton County.

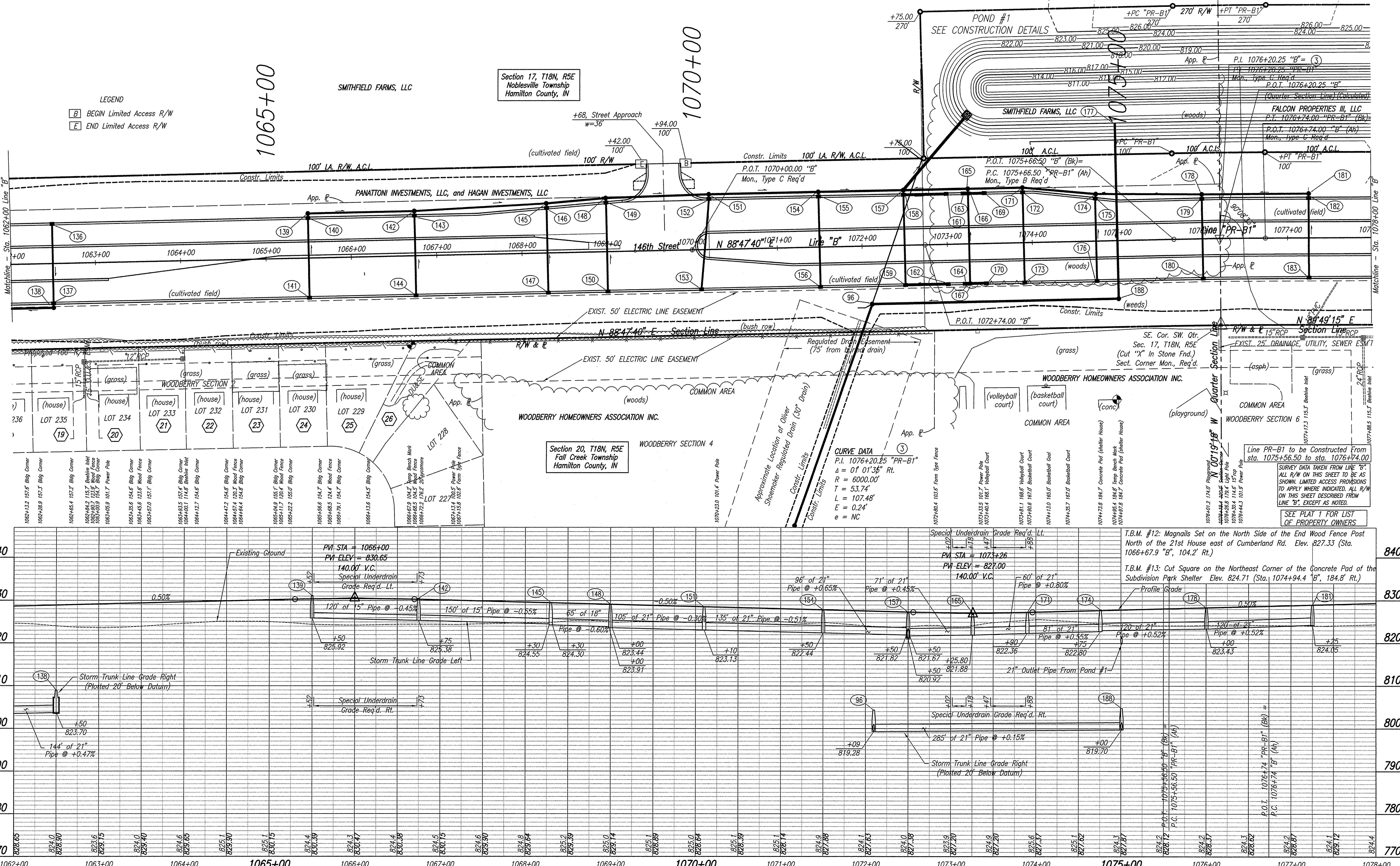
I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenton C. Ward".

Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/slm



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

DEC. 2010

**INDIANA
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL SCALE	BRIDGE FILE		
1"=50'			
VERTICAL SCALE	DESIGNATION		
1"=10'	0201222		
SURVEY BOOK	SHEETS		
	29	of	192
CONTRACT	PROJECT		
R-28718	STP-9929 (040)		

STRUCTURE NUMBER	STRUCTURE DATA																		CONNECT TO STR. NO.	REMARKS						
	STATION	LOCATION			PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKREW	COVER	FLOWLINE		TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURAL BACKFILL	REVEMENT RIPRAP	PIPE END ANCHOR	PIPE END SECTION	GRADED BOX END SECTION		SAFETY METAL END SECTION			
		LEFT	RIGHT	CROSS						ELEV.	UP STREAM ELEV.	DOWN STREAM ELEV.														
96	1072+09	X		21	2	Manhole C-4	270	3.2		819.78	819.38	819.28	818.88	75	N	7.0	1	83.4						97		
97	1071+14	X		21	2	Manhole C-4	270	2.1		818.88	818.47	818.38	818.48	75	N	7.0	1	67.1						102		
98	1025+75	X		15	2	Inlet B-15	36	3.25		810.12	809.87			75	N	7.0	1	10						20		
99	1050+40	X		15	2	Inlet B-15	100	2.36		821.17	820.92			75	N	7.0	1	24						100		
100	1050+40	X		15	2	C.B. C-15	2	2.62		820.92	820.82			75	N	7.0	1	1						101		
101	1050+40	X		36	2	Manhole J-4	19	5.36		817.94	817.84	818.48	818.10	75	N	7.0	1	24						295		
102	1070+17	X		2		Manhole D-4	10	3.0		818.20	818.10			75	N	7.0	1							Tie into Exist. 30" Pipe Type 2		
103	DELETED																						Culvert Pipe			
104	16193 "PR S-1" E	X	X	12	2		100	2.0		818.40	817.72	821.15	821.03	50	N	7.0	1	25						286		
105	1051+00	X		15	2	Inlet B-15	98	2.25		821.00	820.76			75	N	7.0	1	23						106		
106	1051+00	X		15	2	C.B. C-15	2	2.82		820.76	820.66			75	N	7.0	1	1						107		
107	1051+00	X		36	2	Manhole J-4	55	5.55		818.03	817.94			75	N	7.0	1	52						101		
108	1051+75	X		15	2	Inlet B-15	90	2.25		820.73	820.51			75	N	7.0	1	21						109		
109	1051+75	X		15	2	C.B. C-15	2	2.98		820.51	820.41			75	N	7.0	1	1						110		
110	1051+75	X		36	2	Manhole J-4	69	5.36		818.13	818.03			75	N	7.0	1	65						107		
111	1053+00	X		15	2	Inlet C-15	90	2.25		820.15	819.93			75	N	7.0	1	21						112		
112	1053+00	X		15	2	C.B. C-15	2	2.98		819.93	819.83			75	N	7.0	1	1						113		
113	1053+00	X		30	2	Manhole J-4	119	4.29		818.37	817.13			75	N	7.0	1	62						110		
114	1053+00	X		15	2		42	1.75		820.34	820.15			75	N	7.0	1	9						111		
115	1053+75	X		15	2	Inlet B-15	90	2.25		819.82	819.60			75	N	7.0	1	21						116		
116	1053+75	X		15	2	C.B. C-15	2	2.98		819.60	819.50			75	N	7.0	1	1						117		
117	1053+75	X		30	2	Manhole J-4	69	3.48		818.72	818.24			75	N	7.0	1	55						113		
118	1054+75	X		15	2	Inlet B-15	90	2.25		820.26	820.04			75	N	7.0	1	21						119		
119	1054+75	X		15	2	C.B. C-15	2	2.92		820.04	819.94			75	N	7.0	1	1						120		
120	1054+75	X		24	2	Manhole C-4	94	3.77		819.31	818.72			75	N	7.0	1	43						117		
121	1056+00	X		15	2	Inlet B-15	93	2.25		821.04	820.82			75	N	7.0	1	21						122		
122	1056+00	X		15	2	C.B. C-15	2	2.77		820.82	820.72			75	N	7.0	1	1						123		
123	1056+00	X		24	2	Manhole C-4	119	3.69		820.03	819.31			75	N	7.0	1	54						120		
124	1057+30	X		15	2	Inlet B-15	97	2.25		821.72	821.50			75	N	7.0	1	21						125		
125	1057+25	X		15	2	C.B. C-15	2	2.71		821.50	821.40			75	N	7.0	1	1						126		
126	1057+25	X		24	2	Manhole C-4	119	3.59		820.74	820.03			75	N	7.0	1	53						123		
127	1058+50	X		15	2	Inlet B-15	99	2.25		822.23	822.01			75	N	7.0	1	21						128		
128	1058+50	X		15	2	C.B. C-15	2	2.60		822.01	821.91			75	N	7.0	1	1						129		
129	1058+50	X		21	2	Manhole C-4	119	3.51		821.70	820.99			75	N	7.0	1	47						126		
130	1060+00	X		15	2	Inlet B-15	95	2.25		823.07	822.85			75	N	7.0	1	21						131		
131	1060+00	X		15	2	C.B. C-15	2	2.48		822.85	822.75			75	N	7.0	1	1						132		
132	1060+00	X		21	2	Manhole C-4	144	3.39		822.57	821.70			75	N	7.0	1	55						129		
133	1061+00	X		15	2	Inlet B-15	90	2.25		823.83	823.61			75	N	7.0	1	21						134		

STRUCTURE NUMBER	STRUCTURE DATA														CONNECT TO SRR. NO.	REMARKS								
	LOCATION				PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKW	FLOWLINE		TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURAL BACKFILL	REVENTMENT RIFRAP	PIPE END ANCHOR	PIPE END SECTION	GRATED BOX END SECTION		SAFETY METAL END SECTION		
	STATION	LEFT	RIGHT	CROSS					in.	ft.	UP STREAM ELEV.	DOWN STREAM ELEV.	YR.	CYS.	TONS	EA.	EA.	TYPE	SLOPE	EA.	SLOPE	EA.		
LINE "B"																								
141	1065+50	X		15	2	Inlet B-15	90	2.25	826.33	826.02		75	N	7.0	1	21							140	
142	1066+75	X		15	2	Manhole C-4	150	3.63	825.38	824.55		75	N	7.0	1	47							145	
143	1066+75	X		15	2	C.B. C-15	2	2.77	825.49	825.39		75	N	7.0	1	1							142	
144	1066+75	X		15	2	Inlet B-15	90	2.25	825.80	825.49		75	N	7.0	1	21							143	
145	1068+30	X		18	2	Manhole C-4	65	3.50	824.30	823.91		75	N	7.0	1	23							148	
146	1068+30	X		15	2	C.B. C-15	2	2.88	824.41	824.31		75	N	7.0	1	1							145	
147	1068+30	X		15	2	Inlet B-15	95	2.25	824.74	824.41		75	N	7.0	1	21							146	
148	1069+00	X		21	2	Manhole C-4	118	3.61	823.44	823.13		75	N	7.0	1	42							151	
149	1069+00	X		15	2	C.B. C-15	2	2.63	824.04	823.94		75	N	7.0	1	1							148	
150	1069+00	X		15	2	Inlet B-15	100	2.25	824.39	824.04		75	N	7.0	1	23							149	
151	1070+20	X		21	2	Manhole C-4	125	3.54	823.13	822.44		75	N	7.0	1	53							154	
152	1070+20	X		15	2	C.B. C-15	2	2.52	823.76	823.66		75	N	7.0	1	1							151	
153	1070+10	X		15	2	Inlet B-15	102	2.25	824.12	823.76		75	N	7.0	1	23							152	
154	1071+50	X		21	2	Manhole C-4	96	3.56	822.44	821.82		75	N	7.0	1	14							157	
155	1071+50	X		15	2	C.B. C-15	2	2.37	823.25	823.15		75	N	7.0	1	1							154	
156	1071+50	X		15	2	Inlet B-15	102	2.25	823.61	823.25		75	N	7.0	1	24							155	
157	1072+50	X		30	2	Manhole J-4	30	3.55	821.03	820.91		75	N	7.0	1	12	8	1					Outlet to Proposed Pond	
158	1072+50	X		15	2	C.B. C-15	2	2.28	822.95	822.85		75	N	7.0	1	1							157	
159	1072+50	X		15	2	Inlet C-15	102	2.35	823.28	822.95		75	N	7.0	1	24							158	
160	1023+42	X		21	2		60	0.40	810.21	809.00		75	N	7.0	1	6				4:1	1	Outlet to S.R. 37 Ditch		
161	1073+00	X		15	2	Inlet B-15	45	2.25	822.98	822.88		75	N	7.0	1	11							158	
162	1073+00	X		15	2	Inlet B-15	45	2.25	823.38	823.28		75	N	7.0	1	11							159	
163	1073+20	X		15	2	Inlet B-15	3	2.25	822.94	822.84		75	N	7.0	1	1							166	
164	1073+20	X		15	2	Inlet B-15	3	2.25	823.18	823.08		75	N	7.0	1	1							167	
165	1073+26	X		21	2	Manhole C-4	71	3.39	821.88	821.78		75	N	7.0	1	35							157	
166	1073+26	X		15	2	C.B. C-15	2	2.42	822.75	822.65		75	N	7.0	1	1							165	
167	1073+26	X		15	2	Inlet C-15	102	2.33	823.08	822.75		75	N	7.0	1	24							166	
168	1023+42	X		21	2		30	0.40	810.51	810.41		75	N	7.0	1	6		1					To Existing 18" Culvert Pipe	
169	1073+45	X		15	2	Inlet B-15	15	2.25	822.95	822.85		75	N	7.0	1	4							166	
170	1073+45	X		15	2	Inlet B-15	15	2.25	823.20	823.10		75	N	7.0	1	4							167	
171	1073+90	X		21	2	Manhole C-4	60	3.31	822.36	821.88		75	N	7.0	1	23							165	
172	1073+90	X		15	2	C.B. C-15	2	2.34	822.94	822.84		75	N	7.0	1	1							171	
173	1073+90	X		15	2	Inlet B-15	102	2.25	823.27	822.94		75	N	7.0	1	24							172	
174	1074+75	X		21	2	Manhole C-4	81	3.47	822.80	822.36		75	N	7.0	1	32							171	
175	1074+75	X		15	2	C.B. C-15	2	2.48	823.40	823.30		75	N	7.0	1	1							174	
176	1074+75	X		15	2	Inlet B-15	92	2.25	823.69	823.40	820.50 820.20 820.00 819.70	75	N	7.0	1	21		1					175	
177	1075+00	X		21	2	Outfall Structure	202	1.25				75	N	7.0	1	66							188	
178	1076+00	X		21	2	Manhole C-4	120	3.52	823.43	822.80		75	N	7.0	1	47							174	
179	107																							

STRUCTURE NUMBER	STRUCTURE DATA													CONNECT TO STR NO.	REMARKS											
	STATION	LOCATION			PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	FLOWLINE		TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURAL BACKFILL CYLS.	REVEMENT RIPPLA	PIPE END ANCHOR EA.	PIPE END SECTION EA.	GRATED BOX END SECTION			SAFETY METAL END SECTION			
		LEFT	RIGHT	CROSS					in.	ft.	UP STREAM ELEV.	DOWN STREAM ELEV.	YR.	EA.	SLOPE EA.	SLOPE EA.				TYPE	SLOPE	EA.	SLOPE	EA.		
LINE "B"																										
184	1022+50	X		Exist. 12	2	Catch Basin E-7	5																	Tie Into Existing 12" Type 2 Pipe & Remove Existing Structure		
185	1078+50	X		24	2	Manhole C-4	76	5.57	822.90	822.26		75	N	7.0	1	46	5							Outlet to pond		
186	1078+50	X		15	2	C.B. C-15	2	2.54	825.28	825.18		75	N	7.0	1	1								187		
187	1078+50	X		15	2	Inlet B-15	90	2.25	825.57	825.28	820.20	819.78		75	N	7.0	1	21							186	
188	1075+00	X		21	2	Manhole C-4	285	6.91	813.70	819.28		75	N	7.0	1	185.5							96			
189	1079+75	X		24	2	Manhole C-4	120	5.48	823.62	822.90		75	N	7.0	1	72								185		
190	1079+75	X		15	2	C.B. C-15	2	2.54	825.90	825.80		75	N	7.0	1	1								189		
191	1079+75	X		15	2	Inlet B-15	90	2.25	826.19	825.90		75	N	7.0	1	21								190		
192	1081+00	X		24	2	Manhole C-4	120	5.25	824.22	823.62		75	N	7.0	1	61								189		
193	1081+00	X		15	2	C.B. C-15	2	2.54	826.53	826.43		75	N	7.0	1	1								192		
194	1081+00	X		15	2	Inlet B-15	90	2.25	826.82	826.53		75	N	7.0	1	21								193		
195	1082+30	X		21	2	Manhole C-4	125	4.90	825.47	824.47		75	N	7.0	1	62								192		
196	1082+30	X		15	2	C.B. C-15	2	2.54	827.18	827.08		75	N	7.0	1	1								195		
197	1082+30	X		15	2	Inlet B-15	90	2.25	827.47	827.18		75	N	7.0	1	21								196		
198	1083+50	X		21	2	Manhole C-4	115	4.78	826.19	825.47		75	N	7.0	1	56								195		
199	1083+50	X		15	2	C.B. C-15	2	2.76	827.78	827.68		75	N	7.0	1	1								198		
200	1083+50	X		15	2	Inlet B-15	90	2.25	828.07	827.78		75	N	7.0	1	21								199		
201	1103+75	X		15	2	Manhole C-4 Inlet	5	2.25	821.81	821.71		75	N	7.0	1	1								258		
202	1084+55	X		21	2	Manhole C-4	100	4.84	826.66	826.19		75	N	7.0	1	49								198		
203	1084+55	X		15	2	C.B. C-15	2	3.24	827.89	827.79		75	N	7.0	1	1								202		
204	1084+55	X		15	2	Inlet B-15	102	2.25	828.22	827.89		75	N	7.0	1	24								203		
205	1085+55	X		21	2	Manhole C-4	90	5.05	826.95	826.66		75	N	7.0	1	46								202		
206	1085+55	X		15	2	C.B. C-15	2	3.24	828.39	828.29		75	N	7.0	1	1								205		
207	1085+55	X		15	2	Inlet B-15	102	2.25	828.72	828.39		75	N	7.0	1	24								206		
208	1086+40	X		21	2	Manhole C-4	85	5.18	827.14	826.95		75	N	7.0	1	44								205		
209	1086+40	X		15	2	C.B. C-15	2	3.24	828.71	828.61		75	N	7.0	1	1								208		
210	1086+40	X		15	2	Inlet B-15	102	2.25	829.04	828.71		75	N	7.0	1	24								209		
211	1091+00	X		15	2	Inlet B-15	104	5.10	827.87	827.54		75	N	7.0	1	38								212		
212	1091+00	X		15	2	C.B. C-15	2	3.25	827.54	827.44		75	N	7.0	1	1								213		
213	1091+00	X		24	2	Manhole C-4	120	2.25	823.02	822.89		75	N	7.0	1	25								229		
214	1088+20	X		21	2	Manhole C-4	177	4.37	827.40	827.14		75	N	7.0	1	43								208		
215	1088+20	X		15	2	C.B. C-15	2	3.39	828.00	827.90		75	N	7.0	1	1								214		
216	1088+20	X		15	2	Inlet C-15	111	2.72	828.36	828.00		75	N	7.0	1	29								215		
217	1088+50	X		15	2	Inlet B-15	30	2.25	828.65	828.55		75	N	7.0	1	7								215		
218	1088+50	X		15	2	Inlet B-15	30	2.25	828.46	828.36		75	N	7.0	1	7								216		
219	DELETED																									
220	1089+90	X		15	2	Inlet B-15	6	2.25	827.60	827.50		75	N	7.0	1	1								222		