

Onondaga County Lake Improvement Project
4th Stipulation of the ACJ
Harbor Brook Drainage Basin CSO Abatement
Summary of Current and Proposed Costs, and County Authorizations

3-9-11 ENV PROT – ATTACHMENT A (1 of 3)

<i>Project/Task/Line Item</i>	Total Project Costs		
	Current Contract Amounts	Estimated Total Additional Cost	Total Proposed Costs
<u>Harbor Brook CSO Abatement Project</u>			
Original Engineering Expenses	\$ 5,500,000	\$ -	\$ 5,500,000
<u>HBIS Replacement and CSO Abatement Project</u>			
Sewer and Brook Construction			
Construction Contract No. 1 (1) (JJ Lane)	\$ 10,703,388	\$ -	\$ 10,703,388
Encumbrance #1	\$ 2,341,200	\$ -	\$ 2,341,200
Encumbrance #2 (Projected)	\$ -	\$ 1,875,000	\$ 1,875,000
Foundation Mitigation (Piles) (Mod #1)	\$ -	\$ 2,000,000	\$ 2,000,000
Other Miscellaneous Work	\$ -	\$ 1,160,900	\$ 1,160,900
Engineering/Construction Services (2) (CDM/C&S)	\$ 1,665,215	\$ 150,000	\$ 1,815,215
County Administration and Other Costs	\$ 25,270	\$ 79,027	\$ 104,297
Sewer & Brook Subtotal	\$ 14,735,073	\$ 5,264,927	\$ 20,000,000
HBIS Green Infrastructure (GI)			
Construction Contract No. 1 (1) (JJ Lane)	\$ 812,000	\$ 901,850	\$ 1,713,850
Engineering/Construction Services (2) (CDM/C&S)	\$ 31,150	\$ 50,000	\$ 81,150
County Administration and Other Costs	\$ -	\$ 5,000	\$ 5,000
GI Subtotal	\$ 843,150	\$ 956,850	\$ 1,800,000
Harbor Brook 36" Bypass Water Main (WM)			
Construction Contract No. 1 (1) (JJ Lane)	\$ 702,500	\$ 276,000	\$ 978,500
Engineering/Construction Services (2) (CDM/C&S)	\$ -	\$ 116,250	\$ 116,250
County Administration and Other Costs	\$ -	\$ 5,250	\$ 5,250
Water Main Subtotal	\$ 702,500	\$ 397,500	\$ 1,100,000
HBIS Replacement and CSO Abatement Project Total	\$ 16,280,723	\$ 6,619,277	\$ 22,900,000
<u>Lower Basin Storage & Conveyances Project</u>			
CSO 003/004 Conveyances			
Construction Estimate (with contingency)	\$ -	\$ 6,500,000	\$ 6,500,000
Engineering Services (CDM/C&S)	\$ 373,035	\$ 801,965	\$ 875,000
Construction Management and Administration, & Other Costs	\$ -	\$ 455,000	\$ 455,000
Project Escalation to Midpoint of Construction	\$ -	\$ 200,000	\$ 200,000
Subtotal	\$ 373,035	\$ 7,766,965	\$ 8,130,000
Lower Harbor Brook Storage			
Construction Estimate (with contingency)	\$ -	\$ 28,002,000	\$ 28,002,000
Engineering Services (EEA)	\$ 76,200	\$ 4,123,800	\$ 4,200,000
Construction Management and Administration, & Other Costs	\$ -	\$ 1,980,000	\$ 1,960,000
Project Escalation to Midpoint of Construction	\$ -	\$ 2,080,000	\$ 2,080,000
Subtotal	\$ 76,200	\$ 36,165,800	\$ 36,242,000
Lower Basin Storage and Conveyances Project Total	\$ 449,235	\$ 43,922,765	\$ 44,372,000
<u>Harbor Brook CSOs FCF Program (3)</u>			
Construction Estimate	\$ -	\$ 12,000,000	\$ 12,000,000
Engineering Services (Arcadis)	\$ 75,000	\$ 1,803,731	\$ 1,878,731
County Administration and Other Costs	\$ -	\$ 800,000	\$ 800,000
Project Escalation to Midpoint of Construction (July 2012)	\$ -	\$ 400,000	\$ 400,000
FCF Program Total	\$ 75,000	\$ 15,003,731	\$ 15,078,731
<u>Other Harbor Brook Green</u>			
Construction Contracts Incl. GIF Public/Private & Rain Barrels	\$ 326,868	\$ 8,973,134	\$ 9,300,000
Ch2M Hill Engineering & Program Management	\$ 184,888	\$ 3,465,112	\$ 3,650,000
Harbor Brook Green Project Total	\$ 511,754	\$ 12,438,246	\$ 12,950,000
<u>Program Management</u>			
Project Management (CDM/C&S)	\$ 129,725	\$ 369,544	\$ 499,269
Project Management for FCF Plan Implementation (CDM/C&S) (4)	\$ -	\$ -	\$ -
Program Management Total	\$ 129,725	\$ 369,544	\$ 499,269
<u>Harbor Brook Mitigation</u>	\$ 3,500,000	\$ -	\$ 3,500,000
Subtotal	\$ 26,446,437	\$ 78,353,563	\$ 104,800,000
Total Rounded Cost			\$ 104,800,000
Authorized by Legislature as of 12-2010			\$ 33,810,000
Additional Authorization Needed (+/-)			\$ 70,990,000

Onondaga County Lake Improvement Project
4th Stipulation of the ACJ
Clinton/Lower MIS CSO Improvements
Summary of Current and Proposed Costs, and County Authorizations

Project/Task/Line Item	Total Project Costs		
	Current Contract Amounts	Estimated Total Additional Cost	Total Proposed Costs
<u>Clinton Street CSO Facility Planning (Original)</u>			
Engineering Services (EEA)	\$ 751,266	\$ -	\$ 751,266
Facility Plan Total	\$ 751,266	\$ -	\$ 751,266
<u>Clinton Street CSO Conveyances Project</u>			
Contract No. 1 - Phase 1 Conveyances (Delaney)	\$ 14,478,053	\$ -	\$ 14,478,053
Contract No. 2 - Phase 2A Conveyances (Delaney)	\$ 4,074,455	\$ -	\$ 4,074,455
Construction Testing (CME)	\$ 5,095	\$ -	\$ 5,095
Engineering/Construction Services (CDM/C&S)	\$ 2,738,000	\$ -	\$ 2,738,000
Conveyances Project Total	\$ 21,295,603	\$ -	\$ 21,295,603
<u>Clinton Storage Project ⁽¹⁾</u>			
Construction Estimate (with contingency)	\$ -	\$ 58,000,000	\$ 58,000,000
Engineering Services (EEA and others)	\$ 5,768,722	\$ 2,731,278	\$ 8,500,000
Construction Management and Administration	\$ -	\$ 3,600,000	\$ 3,600,000
Project Escalation to Midpoint of Construction	\$ -	\$ 3,500,000	\$ 3,500,000
Clinton Storage Project Total	\$ 5,768,722	\$ 67,831,278	\$ 73,600,000
<u>Facility Plan for CSOs 027 & 029</u>			
Construction Estimate	\$ -	\$ 3,100,000	\$ 3,100,000
Engineering Services (Ch2MHill)	\$ 88,944	\$ -	\$ 88,944
Engineering Services (TBD)	\$ -	\$ 770,000	\$ 770,000
County Administration and Other Costs	\$ -	\$ -	\$ -
Facility Plan Total	\$ 88,944	\$ 3,870,000	\$ 3,958,944
<u>Clinton/Lower MIS Green Implementation Program</u>			
Construction Contracts Incl. GIF Public/Private	\$ 1,508,611	\$ 37,000,000	\$ 38,508,611
Ch2MHill Program Management & Engineering	\$ 3,300,000	\$ 12,600,000	\$ 15,900,000
Clinton Green Program Total	\$ 4,808,611	\$ 49,600,000	\$ 54,408,611
<u>Program Management</u>			
Project Management (CDM/C&S)	\$ 1,119,930	\$ 691,973	\$ 1,811,903
Project Management for Facility Plan (CDM/C&S) ⁽²⁾	\$ -	\$ -	\$ -
Program Management Total	\$ 1,119,930	\$ 691,973	\$ 1,811,903
<u>Miscellaneous County Costs</u>			
Land Acquisition	\$ 2,132,400	\$ 2,000,000	\$ 4,132,400
IMA	\$ 3,620,015	\$ 1,240,985	\$ 4,861,000
Legal	\$ 14,564	\$ 50,000	\$ 64,564
Consulting (John Clare & Mezey)	\$ 226,334	\$ -	\$ 226,334
Debt	\$ 25,832	\$ 150,000	\$ 175,832
Other	\$ 67,644	\$ 50,000	\$ 117,644
Miscellaneous Costs Total	\$ 6,086,789	\$ 3,490,985	\$ 9,577,774
Subtotal Cost	\$ 39,919,865	\$ 125,484,236	\$ 165,404,101
Total Rounded Cost			\$ 165,500,000
Authorized by Legislature as of 12-2010			\$ 111,442,000
Additional Authorization Needed (+/-)			\$ 54,058,000

Notes:

(1) Includes engineering costs from original Clinton RTF Project

(2) CDM/C&S Project Management costs are included in the total facility plan costs

Onondaga County Lake Improvement Project
4th Stipulation of the ACJ
Midland Ave. Drainage Basin CSO Abatement
Summary of Current and Proposed Costs, and County Authorizations

<i>Project/Task/Line Item</i>	Total Project Costs		
	Current Contract Amounts	Estimated Total Additional Cost	Total Proposed Costs
<i>Midland Ave. CSO Phase 1 and 2</i>			
Midland Phase 1 Conveyances - Construction	\$ 1,836,434	\$ -	\$ 1,836,434
Midland Phase 2 RTF & Conveyances - Construction	\$ 53,372,390	\$ -	\$ 53,372,390
Midland Demolition Contracts - Construction	\$ 748,483	\$ -	\$ 748,483
Other Construction	\$ 124,579	\$ -	\$ 124,579
Phase 1 and 2 Engineering (Parsons & EEA)	\$ 14,717,163	\$ -	\$ 14,717,163
CME Construction Testing	\$ 213,745	\$ -	\$ 213,745
RTF Modifications (Construction, Eng, CM, Admin)	\$ -	\$ 3,000,000	\$ 3,000,000
Facility Plan Total	\$ 71,012,794	\$ 3,000,000	\$ 74,012,794
<i>CSO 044 Conveyances Project</i>			
Contract No. 6. - JJ Lane	\$ 7,701,898	\$ -	\$ 7,701,898
Construction Contingency 10%		\$ 770,190	\$ 770,190
Engineering Construction Services (EEA)	\$ 664,921	\$ -	\$ 664,921
Construction Management Services (CDM/C&S)		\$ 750,000	\$ 750,000
Conveyances Project Total	\$ 8,366,819	\$ 1,520,190	\$ 9,887,009
<i>FCF Facility Plan</i>			
Construction Estimate	\$ -	\$ 5,000,000	\$ 5,000,000
Engineering Services (EEA and others)	\$ 13,954	\$ 610,000	\$ 623,954
Construction Management and Administration	\$ -	\$ 210,000	\$ 210,000
Project Escalation to Midpoint of Construction	\$ -	\$ -	\$ -
Clinton Storage Project Total	\$ 13,954	\$ 5,820,000	\$ 5,833,954
<i>Facility Plan for Midland CSOs</i>			
Construction Estimate		\$ 14,900,000	\$ 14,900,000
Engineering Services (Ch2MHill)	\$ 118,384	\$ -	\$ 118,384
Engineering Services, County Admin, etc... (TBD)		\$ 3,720,000	\$ 3,720,000
Facility Plan Total	\$ 118,384	\$ 18,620,000	\$ 18,738,384
<i>Midland Green Implementation Program</i>			
Construction Contracts incl. GIF Public/Private	\$ 1,000,000	\$ 6,500,000	\$ 7,500,000
Ch2MHill Program Management & Engineering	\$ 252,341	\$ 2,950,000	\$ 3,202,341
Clinton Green Program Total	\$ 1,252,341	\$ 9,450,000	\$ 10,702,341
<i>Program Management</i>			
Project Management (CDM/C&S)	\$ 5,180,602	\$ 600,000	\$ 5,780,602
Project Management for Facility Plan (CDM/C&S) ⁽²⁾		\$ -	\$ -
Program Management Total	\$ 5,180,602	\$ 600,000	\$ 5,780,602
<i>Miscellaneous County Costs</i>			
Land Acquisition	\$ 1,806,946	\$ -	\$ 1,806,946
Legal	\$ 182,323	\$ -	\$ 182,323
Consulting (John Clare & Mezey)	\$ 208,317	\$ -	\$ 208,317
Debt	\$ 485,031	\$ 150,000	\$ 635,031
Other	\$ 509,615	\$ -	\$ 509,615
Miscellaneous Costs Total	\$ 3,192,232	\$ 150,000	\$ 3,342,232
Subtotal	\$ 89,137,126	\$ 39,160,190	\$ 128,297,316
Rounded Total Cost			\$ 128,300,000
Authorized by Legislature as of 12-2010			\$ 148,368,853
Additional Authorization Needed (+/-)			\$ (20,068,853)

Onondaga County Department of Water Environment Protection Green Infrastructure Project List
2011 Projects List Infrastructure Project List

Project Count	CH2M HILL Role	Project Status	Project ID	Project Name	Project Address	Year	Parcel Owner	CSO Reduction (gal/yr)	Cost (\$)	Cost per CSO Reduction (\$/gal)
1	CH2M LEAD	5-CONCEPT	C-06	Green Roof at the County Justice Center	555 S. State Street	2011	County of Onondaga	154,000	\$235,100	\$1.53
2	CH2M LEAD	3-DESIGN	C-07	Municipal Parking Garage: OnCenter	817 - 835 S. State Street and E. Adams Street	2011	County of Onondaga	907,000	\$286,000	\$0.32
3	CH2M LEAD	3-DESIGN	C-08	Pavement Removal Project #1	Pavement Strip on E. Adams St b/w State and Townsend	2011	City of Syracuse	83,000	\$27,060	\$0.33
4	CH2M LEAD	3-DESIGN	C-11	Commercial Green Streets: Harrison Street	Harrison Street, from Montgomery to State Street	2011	City of Syracuse	128,000	\$120,000	\$0.94
5	CH2M LEAD	2-UNDER CONSTRUCTION	C-12	Townsend Median Revegetation	South Townsend St. median, from E. Adams Street to McCarthy Ave.	2011	City of Syracuse	245,000	\$92,680	\$0.47
6	CH2M ASSIST AND TRACK	5-CONCEPT	C-14	Vacant Lot Project #1	116 to 122 Seneca Street (two City parcels)	2011	City of Syracuse	273,000	\$59,198	\$0.22
7	CH2M ASSIST AND TRACK	5-CONCEPT	C-27	Bioretention at the Rescue Mission	155 Gifford Street	2011	Private	372,000	\$47,063	\$0.13
8	CH2M ASSIST AND TRACK	3-DESIGN	C-29	Commercial Green Streets: Connective Corridor Phase 1	E. Genesee Street from University Avenue to Townsend Street	2011	City of Syracuse	4,750,000	\$1,500,000	\$0.32
9	CH2M LEAD	3-DESIGN	C-33	Green Roof at the War Memorial	200 Madison Street	2011	County of Onondaga	550,000	\$1,000,000	\$1.82
10	CH2M LEAD	3-DESIGN	C-34	Green Roof at the OnCenter	800 S. State Street	2011	County of Onondaga	734,000	\$1,025,300	\$1.40
11	CH2M LEAD	4-FIELD/ES	C-38	County Parking Lot: OnCenter	801 - 813 S. State Street	2011	County of Onondaga	1,676,000	\$405,562	\$0.24
12	CH2M LEAD	5-CONCEPT	C-42	Private Parking Garage: Atrium	S. Franklin St. and W. Washington St.	2011	Private	811,000	\$223,808	\$0.28
13	CH2M LEAD	5-CONCEPT	C-43	Private Parking Garage: Shoppers	S. Clinton St. and W. Washington St.	2011	Private	183,000	\$25,729	\$0.14
14	CH2M LEAD	5-CONCEPT	C-48	Green Roof at Erie Canal Museum and Visitor Center	500 W. Onondaga St.	2011	County of Onondaga	107,000	\$60,480	\$0.56
15	TRACK ONLY	5-CONCEPT	C-51	GIRFID: The Spa at 500 W. Onondaga	318 Erie Blvd. East	2011	Private	268,000	\$43,411	\$0.16
16	CH2M LEAD	3-DESIGN	C-53	City Hall Forecourt	233 E. Washington Street	2011	City of Syracuse	74,000	\$53,084	\$0.72
17	CH2M LEAD	3-DESIGN	C-54b	Downtown Committee Streetscape Grant Projects	400 blocks S. Warren St.	2011	City of Syracuse	58,000	\$51,603	\$0.88
18	CH2M LEAD	3-DESIGN	C-54c	Downtown Committee Streetscape Grant Projects	100-200 blocks E. Water	2011	City of Syracuse	119,000	\$109,788	\$0.92
19	CH2M LEAD	3-DESIGN	C-54d	Downtown Committee Streetscape Grant Projects	200-300 blocks Montgomery	2011	City of Syracuse	250,000	\$68,680	\$0.27
20	CH2M ASSIST AND TRACK	3-DESIGN	C-55	City School: Institute of Technology	258 E. Adams St.	2011	Syracuse City School District	1,820,000	\$0	\$0
21	TRACK ONLY	5-CONCEPT	C-56	GIRFID: The Galleries Office Towers	147 E. Onondaga St.	2011	Marann Hooper	65,000	\$99,311	\$1.53
22	TRACK ONLY	5-CONCEPT	C-57	GIRFID: The Galleries Office Towers	333 E. Washington St.	2011	Jeffery DeRoberts	123,000	\$100,000	\$0.81
23	TRACK ONLY	5-CONCEPT	C-58	GIRFID: The Galleries Office Towers	609 S. Crouse Ave.	2011	Private	91,000	\$22,796	\$0.25
24	TRACK ONLY	3-DESIGN	C-59	GIRFID: Near West Side Initiative	109-115 Orisko & Wyoming St	2011	Private	508,000	\$300,163	\$0.59
25	CH2M LEAD	3-DESIGN	C-61	Gateway Project at Water Street	300 Water Street	2011	Private			
26	CH2M ASSIST AND TRACK	5-CONCEPT	C-62	444 E Genesee St.	444 E Genesee St.	2011	Private			
27	CH2M LEAD	5-CONCEPT	C-64	Thornden Park	501 Ostroom Ave.	2011	City of Syracuse Parks		\$250,000	
28	CH2M ASSIST AND TRACK	6-IDEA	C-67	Greening West Street Arterial	West Street Arterial from Onondaga St. to Genesee St.	2011	City of Syracuse		\$500,000	
29	CH2M LEAD	5-CONCEPT	C-68	Street Trees Along Marcellus Ave	Marcellus from S Geddes to Seneca	2011	City of Syracuse	28,000	\$7,000	\$0.25
30	TRACK ONLY	5-CONCEPT	C-69	GIRFID: Vira Salina, Inc.	2705-2731 S. Salina St.	2011	Private	18,000	\$22,000	\$1.22
31	CH2M LEAD	5-CONCEPT	C-73	Onondaga Street Corridor - Gateway Project	From W Adams to South Ave	2011	City of Syracuse		\$500,000	
32	CH2M ASSIST AND TRACK	5-CONCEPT	C-74	Onondaga Street Green Corridor	from Wyoming to Ontario	2011	City of Syracuse		\$1,000,000	
33	CH2M LEAD	6-IDEA	C-85	SCSO Central Offices Parking Lot	725 Harrison Street	2011	Syracuse City School District			
34	CH2M LEAD	4-FIELD/ES	E-07	Private Parking Lot: Marshall St and Crouse Ave	801 - 841 Crouse Ave. & Marshall St.	2011	Syracuse University	188,000	\$64,360	\$0.34
35	CH2M ASSIST AND TRACK	5-CONCEPT	E-08	Peet's Branch Library	105 Victoria Place	2011	City of Syracuse	125,000	\$34,900	\$0.28
36	CH2M LEAD	3-DESIGN	E-10	Road Recon. Project No. 3: Concord Place	Concord Place from Westcott St. to Allen St.	2011	City of Syracuse	481,000	\$170,000	\$0.35
37	CH2M LEAD	3-DESIGN	E-11	Highland Park Greening	421 Highland	2011	City of Syracuse	506,000	\$45,770	\$0.09
38	CH2M ASSIST AND TRACK	3-DESIGN	E-12	Dr Edwin E Weeks Elementary School	710 Hawley Ave	2011	City of Syracuse	1,047,000	\$265,902	\$0.25
39	CH2M LEAD	5-CONCEPT	E-13	US Post Office on Teal Ave (roof and site)	226 Teal Avenue	2011	Syracuse City School District	1,077,000	\$570,700	\$0.53
40	CH2M LEAD	5-CONCEPT	E-14	Parking Lot (Syracuse Division of Water)	841 Canal St.	2011	United States Postal Service	386,000	\$271,574	\$0.69
41	CH2M LEAD	5-CONCEPT	E-15	Erie Blvd. Syracuse Police Maintenance Facility	2109 Erie Blvd. East	2011	City of Syracuse	346,000	\$48,695	\$0.14
42	CH2M LEAD	5-CONCEPT	E-16	Summit Park Enhancements	701 Robinson St., 600 Robinson St.	2011	City of Syracuse Parks	316,000	\$395,000	\$1.25
43	CH2M LEAD	5-CONCEPT	E-18	Traffic Triangle Project No. 1: Harvard Pl	Westarland and Harvard Place	2011	City of Syracuse	92,000	\$19,992	\$0.22
44	CH2M LEAD	5-CONCEPT	E-22	Union Park	Intersection of Robinson and Sherwood Ave	2011	City of Syracuse	264,000	\$109,804	\$0.42
45	CH2M LEAD	5-CONCEPT	E-31	Pocket Park at N. Clinton St. and W. Genesee St.	200-203 W. Genesee St.	2011	City of Syracuse	164,000	\$33,504	\$0.20
46	CH2M LEAD	6-IDEA	E-33	I-690 Disconnection	St. Anne Drive and Robinson St.	2011	New York State DOT			
47	CH2M LEAD	4-FIELD/ES	E-36	Public Parking Lot at Sunnycrest Park	St. Anne Drive and Robinson St.	2011	City of Syracuse Parks	1,390,000	\$204,268	\$0.15

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48	CH2M ASSIST AND TRACK	5-CONCEPT	P-02	White Branch Library	763 Butternut St	2011	City of Syracuse	97,000	\$27,988	\$0.29	
49	CH2M LEAD	6-IDEA	F-04	City Parking Lot #4	Intersection of Butternut and North State St	2011	DOT				
50	CH2M ASSIST AND TRACK	2-UNDER CONSTRUCTION	H-05	Green Roof at Hazard Branch Library	1620 West Genesee St	2011	City of Syracuse	62,000	\$110,000	\$1.76	
51	CH2M ASSIST AND TRACK	3-DESIGN	H-05B	Hazard Branch Library Site Improvements	1620 West Genesee St	2011	City of Syracuse	563,000	596,400	\$0.17	
52	CH2M ASSIST AND TRACK	5-CONCEPT	H-06	Mundy Branch Library	1204 South Geddes St	2011	City of Syracuse	247,000	578,100	\$0.31	
53	TRACK ONLY	5-CONCEPT	H-07	61811 Vibrant Syracuse Spaces	196 S. Geddes St	2011	Ritland Design	125,000	590,500	\$0.72	
54	CH2M LEAD	4-DESIGN	H-08	Road Recon. Project No. 8: Geddes Street	300-500 blocks S. Geddes Street	2011	City of Syracuse	589,000	\$167,608	\$0.28	
55	CH2M LEAD	5-CONCEPT	H-11	Park Greening along Avery Ave	Avery Avenue and Tompkins St	2011	City of Syracuse Parks	381,000	939,982	\$0.09	
56	CH2M LEAD	4-FIELD/YES	H-13	Zoo Entrance Enhancement	5 Wilbur Ave and Coleridge Ave	2011	City of Syracuse	572,000	\$80,842	\$0.14	
57	CH2M LEAD	3-DESIGN	H-14	Harbor Brook CSO 018 Wetland Project	Velosko Rd & Grand Ave	2011	County of Onondaga	14,980,000	55,503,000	\$0.14	
58	CH2M ASSIST AND TRACK	3-DESIGN	H-17	Rain Garden at Grand & Delaware	Grand Avenue & Delaware Street	2011	City of Syracuse	161,000	572,523	\$0.48	
59	CH2M ASSIST AND TRACK	2-UNDER CONSTRUCTION	H-19	Rosamond Gifford Zoo: Elephant Exhibit	Elephant and Primate exhibit renovation	2011	County of Onondaga	275,000	\$181,000	\$0.66	
60	CH2M LEAD	6-IDEA	H-27	2011 Road Recon #2	TBD	2011	City of Syracuse	483,000	\$170,000	\$0.35	
61	CH2M LEAD	8-IDEA	H-28	2011 Road Recon #2	TBD	2011	City of Syracuse	483,000	\$170,000	\$0.35	
62	CH2M LEAD	6-IDEA	H-29	2011 Road Recon #3	TBD	2011	City of Syracuse	483,000	\$170,000	\$0.35	
63	CH2M LEAD	6-IDEA	H-80	2011 Road Recon #4	TBD	2011	City of Syracuse	483,000	\$170,000	\$0.35	
64	CH2M ASSIST AND TRACK	5-CONCEPT	M-10c	Beaumont Library - site	2111 S. Salling St	2011	City of Syracuse	169,000	561,500	\$1.47	
65	CH2M LEAD	5-CONCEPT	M-11a	Green Roof at Firehouse Station #8	2412 S. Salling St	2011	City of Syracuse	43,000	563,480	\$1.47	
66	CH2M LEAD	5-CONCEPT	M-11b	Firehouse Station #8 Site	2412 S. Salling St	2011	City of Syracuse	109,000	550,118	\$0.46	
67	CH2M LEAD	5-CONCEPT	M-12a	Green Roof at Cobain Elmwood U.S. Post Office	2200 S. Salling St	2011	United States Postal Service	161,000	\$236,380	\$1.47	
68	CH2M LEAD	5-CONCEPT	M-13b	Cobain/Elmwood U.S. Post Office - Site	2200 S. Salling St	2011	United States Postal Service	593,000	578,280	\$0.13	
69	TRACK ONLY	3-DESIGN	M-16	SUNY ESF gateway building	1 Forestry Drive	2011	SUNY ESF	314,000	50	\$0.00	
70	TRACK ONLY	2-UNDER CONSTRUCTION	M-17	Gifford SUNY ESF Residence Hall (Centennial Hall)	1 Forestry Drive	2011	SUNY ESF	44,000	578,000	\$1.77	
71	TRACK ONLY	3-DESIGN	M-19	Gifford Jubilee Homes of Syracuse	601 South Avenue	2011	Private	145,000	\$100,000	\$0.69	
72	CH2M LEAD	5-CONCEPT	M-22	Green Street at Jamesville Ave	300 block Jamesville Ave	2011	City of Syracuse	200,000	565,068	\$0.33	
73	CH2M LEAD	2-UNDER CONSTRUCTION	M-23	Greening the Grey in Basin 044	400-700 W Castle Street	2011	City of Syracuse	1,900,000	\$100,750	\$0.05	
74	TRACK ONLY	5-CONCEPT	M-24	SINOS Syracuse Model Neighborhood Corp	S Salling and E Kennedy St	2011	Private	271,000	\$100,000	\$0.36	
75	TRACK ONLY	5-CONCEPT	M-25	GPR17 Create Public Art	713 E Fayette Street Syracuse, NY 13210	2011	Private	63,000	\$31,500	\$0.49	
76	CH2M ASSIST AND TRACK	6-IDEA	M-29	Hughes Magnet School Parking Lot	370 Jamesville Ave	2011	SDSC	850,000	\$170,000	\$0.20	
77	CH2M LEAD	5-CONCEPT	ZZ-02	Street Tree Planting Proposed for 2011	NA	2011	NA				
78	CH2M ASSIST AND TRACK	3-DESIGN	ZZ-03	Develop and implement a Revised Stormwater Ordinance	NA	2011	NA				
79	CH2M ASSIST AND TRACK	3-DESIGN	ZZ-04	Track Projects that Apply a Revised Stormwater Ordinance	NA	2011	NA				
80	CH2M ASSIST AND TRACK	5-CONCEPT	ZZ-05	Incentive	NA	2011	NA				
81	CH2M ASSIST AND TRACK	5-CONCEPT	ZZ-06	Incentive	NA	2011	NA				
								TOTAL	45,597,000	\$16,677,059	\$0.41
								AVERAGE			

Note: Order of magnitude and CSO volume reduction estimates are based on preliminary concepts developed in 2010. Concepts and costs are subject to change during 2011 as GI opportunities are pursued with property owners and as a result of field investigations. Engineering cost and revised CSO volume reduction estimates will be developed as GI opportunities move through the design process and prior to a project being bid for construction.