



CITY ENGINEER'S REPORT



BOWEN
 RICHARD L. BOWEN + ASSOCIATES INC.
 13000 Shaker Boulevard · Cleveland, OH 44120
 T: 216.491.9300 · F: 216.491.8053 · www.rlba.com

To: Mayor Weger & Council
cc: Directors of Law, Finance, Building, & Service
From: Pietro A. DiFranco & Daniel J. Collins
Date: 4/3/2014

Name	RLBA Job #	Stage					Construction Cost		Engineering Fee	Notes
		Planning	Design	Construct'n	Other	Complete	(A)ctual (B)id (E)stimate	(A)ctual (E)stimate		
Retainer Services	7986.00				X				\$0	02/01/13 2013-15 Agreement: 20 hours/month
A. Ujcich-2926 Bishop Rd	7986.00					X	\$7,000 \$6,850	E A	\$0 \$0	05/14/13 Met w/Ujcich brothers, Law Direc'r, & Bldg Commiss. 05/15/13 Observed flow in MHs w/Mayor, Law Dir., & Nate 12/13/13 New backflow preventer & manhole installed at Ujcich
B. Stafford Place - Chardon	7986.00				X		N/A		\$0	02/04/13 Stafford experiencing wet weather surcharging 11/11/13 Mtg at City Hall w/HOA & Attorney (Builder No-Show) 02/20/14 Meeting tentatively scheduled for 2/25/14
C. Pecirep-Marvaldi-Lavrisha 36361-36401-36451 Eddy Rd	7986.00	X					\$17,000	E	\$0	11/08/13 Approval received from Lake County Storm Water 11/21/13 On-site meeting w/property owner 01/08/14 Rec'd PO#939497 from County to Reimburse 02/27/14 Easements sent to residents for signature 03/20/14 Ongoing discussions w/property owners
D. Community Ctr ADA Door (CDBG)	7986.00	X					\$10,000	E	\$0	05/09/13 Assited Gloria w/Scope, Cost Estimate, & Photos 05/28/13 CDBG application submitted by Gloria 02/06/14 Mtg w/Gloria to review scope to obtain quotes 02/18/14 Requested cost quotes from 9 contractors 03/20/14 Contractor quotes due 3/21/14
E. Cross-Access Easement Zoning Code Modification	7986.00				X		N/A		\$0	02/06/14 Inital discussion during PC/ARB Public Portion 02/14/14 Provided initial comments in memo to PC/ARB 02/21/14 Provided additional comments in email to PC/ARB 03/06/14 Discussed at PC/ARB Work Session 03/21/14 PC/ARB Public Hearing (No Discussion) 04/03/14 On PC/ARB Agenda during Public Portion



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F. City Precinct Map (w/Street Level Detail)	7986.00				X		N/A	\$0	03/28/14	Street-level Precinct Map requested
G. Bishop-White Intersection	7986.00				X		N/A	\$0	03/14/14 03/20/14 03/31/14	Call rec'd by Mayor Re: traffic congestion RFP for study sent to qualified traffic engineers Proposals rec'd from traffic engineers
H. Connections 2035 - NOACA Long-Range Transportation Plan (LRTP)	7986.00				X		N/A	\$0	03/31/14	Rec'd letter from Commissioner Troy requesting list of minor projects (under \$5 million) by 4/21/14 to NOACA LRTP
I. OPWC Round 29, PY15	7986.00				X		N/A	\$0	03/31/14	Rec'd request from Lake County Engineer for project pre-applications by 6/13/14
Clover Congregate Care 34900 Chardon Rd	7986.01E				X		N/A	Applicant Fee	02/07/13 02/28/13 03/19/13 04/04/13 05/06/13 09/05/13 12/30/13 04/02/14	Provided sanitary sewer tap-in fee opinion Pre-design meeting w/owner & Bldg Commiss. Site plans submitted for review PC/ABR Preliminary Review postponed Rec'd revised drawings for 2nd PCABR submittal On PC/ABR Agenda for Final Approval Property ownership transfer occurred Final plans rec'd by Building Dept.



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		Planning	Design	Construction	Other	Complete			
Maple Valley Subdivision									
A. Plan Review	7986.01B			X			N/A	Applicant	02/01/13 Began plan review 02/10/13 Plan review letter #1 02/18/13 Plan review letter #2 03/05/13 Instructed by developer to stop plan review 03/07/13 Meeting w/developer 03/21/13 Ongoing coord. w/developer Re: drainage 04/30/13 Rec'd revised drainage concept for review 05/09/13 Met w/Engineer Gutoskey Re: drainage concept 05/29/13 Revised drainage report received via email 06/10/13 Plan review letter #5 sent to developer & his engineer 08/15/13 Final PC Approval issued; awaiting permit submittal 11/07/13 Working w/Osborne to finalize bonds
B. Construction Observation	7986.12A			X			N/A	Applicant Fee	01/06/14 Construction Start 03/18/14 Precon meeting for water main at Lake County 03/24/14 Water main construction started
Maple Grove Pav't Impr'ts	7986.04					X	\$170,000 E \$147,729 B \$130,332 A	\$25,000 E \$14,275 A	03/06/13 Obtained quotes for pavement cores 03/26/13 Terracon authorized to perform pavement cores 04/13/13 Pavement cores performed 05/02/13 Bid Ad: 5/9 & 5/16; Bid Open: 5/23 06/03/13 Carron Asphalt selected as best & lowest bid 06/20/13 Preconstruction Meeting 07/15/13 Construction start 08/09/13 Substantially complete; road re-opened to public 09/05/13 Contractor addressing punch list items (restoration) 12/02/13 Punch list resolution pending weather



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Knecht/O'Brien Culvert 29341 & 29329 Eddy Rd	7986.08		X				\$200,000	E	TBD		02/15/13 Met w/Tim Miller, Lake County 03/09/13 Funding request sent to County; under review 05/01/13 Met w/Tim Miller to discuss status & plan 07/12/13 On-hold pending Lake County authorization 09/09/13 Received Lake County approval to proceed w/design 10/01/13 Survey field work began 01/16/14 Preliminary design complete for Lake County review 03/30/14 Revised plans sent to Lake County for approval
Lamplight Lane Culvert (formerly Euclid Creek East Branch Drainage Improvements)	7986.09	X				\$450,000	E	\$0		02/01/13 Invoiced by CT so far: \$21,531 (for old design) 02/15/13 Met w/Tim Miller, Lake County 02/15/13 County pledged \$361,000 (for new design) 02/20/13 Reviewing 2000 CT Study & Recommendations 05/01/13 Met w/Tim Miller to discuss status & plan 09/09/13 Discussed at Council Service Committee Meeting 12/12/13 Mtg w/Tim Miller to discuss Lamplight & 2014 projects 01/03/14 Proposal sent to Tim Miller for approval 01/28/14 Service Committee Mtg for legislation to proceed 02/13/14 Appropriation Ord. 2014-18 for design passed 03/07/14 Survey authorized (pending weather) 04/14/14 Informational meeting for residents (City Hall-6:30 pm)	
Dunkin Donuts 2801 Chardon Rd (Plan Review)	7986.01V	X				N/A			Applicant		04/25/13 Received conceptual site alternates for discussion 06/06/13 PC-ABR Work Session 11/19/13 Issued comments on Traffic Impact Study dated 9/3/13 12/17/13 Issued comments on plans rec'd 12/12/13 02/??/14 Received PC-ABR application fee from owner 02/20/14 PC-ABR Meeting (Preliminary Review) 03/05/14 Met w/Architect Re: Site Issues & Options

Strom Water Projects Receiving Financing from Lake County Storm Water Management Department
City of Willoughby Hills
Year 2014

City No.	Project Name	City Authorization			Lake County Purchase Order			Actual Cost / Reimbursement		Notes	
		Ord. No.	Date	Type	No.	Date	Amount	Date	Amount		
2013033	Trailard Lane Storm Sewer Extension	2013-40	09/12/13	Appropriation	937596	08/28/13	\$4,000.00			08/12/13	Scope - Extend storm sewer outlet pipe by 20 LF
		2014-11	03/13/14	Appropriation						03/18/14	Army Corp Permit Application Rec'd from CRWP (under review)
2013034	Rockefeller/White Storm Water Crossover	2013-40	09/12/13	Appropriation	937597	08/28/13	\$8,000.00			08/12/13	Scope - Replace crossover with 32 LF of larger 24" diameter pipe
		2014-12	03/13/14	Appropriation							
2013036	Knecht/O'Brien Stream Restoration - Design	2013-40	09/12/13	Appropriation	937743	09/11/13	\$21,750.00			06/12/13	Scope - Remove 225 of failed 24" culvert & stream restoration
		2014-13	03/13/14	Appropriation							
2013038	Erich Drive Drainage	2013-49	11/14/13	Appropriation	938462	10/30/13	\$20,000.00	02/10/14	\$10,332.72	09/23/13	Scope - Remove obstructions from stream & install 120' of 24" pipe
		2014-14	Tabled	Appropriation							
2013039	SOM Center Rd (Rt. 91) Storm Sewer	2013-49	11/14/13	Appropriation	938463	10/30/13	\$15,000.00			08/21/13	Scope - Repair pipe joint failure & restore surface pavement
		2014-15	02/13/14	Appropriation							
2014001	Eddy Rd Storm Sewer Overflow Swale	2014-16	03/13/14	Appropriation	939497	01/08/14	\$17,000.00			11/08/13	Scope - Construct 350' of overflow channel for questionable 24" pipe
2014002	Pleasant Valley Rd Storm Sewer	2014-17	03/13/14	Appropriation	939592	01/13/14	\$16,500.00			12/24/13	Scope - Install 180'~12" pipe & additional ditch due to eroding slope
2014003	Lamplight Lane Culvert - Design	2014-09	02/13/14	Contract	939593	01/13/14	\$30,800.00			01/03/14	Scope - Increase capacity of culvert & raise road elevation
		2014-18	02/13/14	Appropriation							
2014005	Worrell Road Sinkhole Repair						\$7,100.00			03/25/14	Scope - Temporarily backfill & patch road
										03/25/14	Funding request email sent to Tim Miller from Nate
TOTAL							\$140,150.00		\$10,332.72		

	Potential Future Proects	Estimate
1	Pleasant Valley West Drainage	\$72,600
2	Dodd Rd at cage area drainage	\$113,400
3	River Rd North - Repalce strom sewer	\$136,646
4	Stark Dr. - Replace & add storm sewer	\$108,000
5	River Rd South - Install storm sewer and curb & gutter	\$181,226
6	Worrell Rd - Install storm sewer and curb & gutter (1/2 City of Kirtland)	\$362,452
7	Rockefeller Rd - Pipe ditches	\$653,722
8	Eagle Rd - Install storm sewer and curb & gutter	\$344,000
9	Erich Dr. - Replace storm sewer	\$175,720
10	Oak St. - Replace storm sewer	\$166,375
11	Martin, Dixon, Forest Subdivision	\$568,176
12	Trabar Dr. - Replace storm sewer	\$151,250
13	Orchard Dr. - Replace storm sewer	\$148,224
14	Rogers Rd - Ditching and drive culverts	\$174,720
	Total	\$3,356,511