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: 5/1/2014

	Name	RLBA Job #	Stage: Planning	Stage: Design	Stage: Construc'n	Stage: Other	Stage: Complete	Construction Cost (A)ctual (B)id (E)stimate		Engineering Fee (A)ctual (E)stimate		Notes	
	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	E	$0		05/14/13	Met w/Ujcich brothers, Law Direc'r, & Bldg Commiss.
								$6,850	A	$0		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)
												04/07/14	Meeting w/HOA & Ryan Homes
												04/26/14	Performed site visit to observe conditions
												04/28/14	Meeting w/HOA & Ryan Homes; action discussed
												05/01/14	Meeting w/Flow Meter supplier; researching options
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
												04/28/14	Meeting w/Residents; authorization pending
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

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E.	Cross-Access Easement Zoning Code Modification	7986.00				X		N/A		$0		02/06/14 02/14/14 02/21/14 03/06/14 03/21/14 04/03/14	Initital discussion during PC/ARB Public Portion Provided initial comments in memo to PC/ARB Provided additional comments in email to PC/ARB Discussed at PC/ARB Work Session PC/ARB Public Hearing (No Discussion) On PC/ARB Agenda during Public Portion
F.	City District Map (w/Street Level Detail)	7986.00				X		N/A		$0		03/28/14 04/15/14	Street-level Precinct Map requested Map provided to council office
G.	Bishop-White Intersection	7986.00				X		N/A		$0		03/14/14 03/20/14 03/31/14 04/10/14	Call rec'd by Mayor Re: traffic congestion RFP for study sent to qualified traffic engineers Proposals rec'd from traffic engineers LJB selected to perform traffic study
H.	Connections 2035 - NOACA Long-Range Transportation Plan (LRTP)	7986.00				X		N/A		$0		03/31/14 04/11/14	Rec'd letter from Commissioner Troy requesting list of minor projects (under $5 million) by 4/21/14 to NOACA LRTP Response letter sent to NOACA
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

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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 04/29/14	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. Final Approval of Site Work Plans
Maple Valley Subdivision										
A. Plan Review	7986.01B			X			N/A	Applicant	02/01/13 02/10/13 02/18/13 03/05/13 03/07/13 03/21/13 04/30/13 05/09/13 05/29/13 06/10/13 08/15/13 11/07/13	Began plan review Plan review letter #1 Plan review letter #2 Instructed by developer to stop plan review Meeting w/developer Ongoing coord. w/developer Re: drainage Rec'd revised drainage concept for review Met w/Engineer Gutoskey Re: drainage concept Revised drainage report received via email Plan review letter #5 sent to developer & his engineer Final PC Approval issued; awaiting permit submittal Working w/Osborne to finalize bonds
B. Construction Observation	7986.12A			X			N/A	Applicant Fee	01/06/14 03/18/14 03/24/14	Construction Start Precon meeting for water main at Lake County Water main construction started

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Maplegrove Pav't Impr'ts	7986.04					X	$170,000	E	$25,000	E	03/06/13	Obtained quotes for pavement cores
							$147,729	B			03/26/13	Terracon authorized to perform pavement cores
							$130,332	A	$14,275	A	04/13/13	Pavement cores perfromed
											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
											05/01/14	Meeting/Carron Re: Punch List Items
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
							$245,506	E	$27,913	E	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)

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Dunkin Donuts 2801 Chardon Rd (Plan Review)	7986.01V	X					N/A		Applicant		04/25/13 06/06/13 11/19/13 12/17/13 02/??/14 02/20/14 03/05/14	Received conceptual site alternates for discussion PC-ABR Work Session Issued comments on Traffic Impact Study dated 9/3/13 Issued comments on plans rec'd 12/12/13 Received PC-ABR application fee from owner PC-ABR Meeting (Preliminary Review) Met w/Architect Re: Site Issues & Options

Prepared By: Pietro DiFranco, City Engineer
Richard L. Bowen + Assoc., Inc.

Printed: 5/1/2014

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	2014-29		Appropriation			$7,100.00			03/25/14	Scope - Temporarily backfill & patch road
										03/25/14	Funding request email sent to Tim Miller from Nate
TBD	Eagle Rd / Kennelly Rd Drainage Study						$6,600.00			04/15/14	Scope - Survey & analysis for drainage improvements
										04/15/14	Funding request email sent to Tim Miller from Nate
	TOTAL						**$146,750.00**		**$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**