



CITY ENGINEER'S REPORT



BOWEN
 RICHARD L. BOWEN + ASSOCIATES INC.
 13000 Shaker Boulevard · Cleveland, OH 44120
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To: Mayor Weger & Council

cc: Directors of Law, Finance, Building, & Service

From: Pietro A. DiFranco & Daniel J. Collins

Date: 1/22/2015

Name	RLBA Job #	Stage					Construction Cost (A)ctual (B)id (E)stimate	Engineering Fee (A)ctual (E)stimate	Notes
		Planning	Design	Construct'n	Other	Complete			
Retainer Services	7986.00				X			\$0	02/01/13 2013-15 Agreement: 20 hours/month
G. Bishop-White Intersection	7986.00				X		N/A	\$0	03/14/14 Call rec'd by Mayor Re: traffic congestion 03/20/14 RFP for study sent to qualified traffic engineers 03/31/14 Proposals rec'd from traffic engineers 04/10/14 LJB selected to perform traffic study 05/22/14 LJB performing traffic counts 06/24/14 LJB Study Rec'd; Signal Ok, but no remove stop sign 08/26/14 Mtg w/Cuy Cnty Re: Richmond Rd Bridge MOT
I. OPWC Round 30, PY16	7986.00				X		N/A	\$0	10/14/14 Consider Worrell Rd w/Kirtland 11/20/14 Meeting w/Kirtland Engineer & Mark Grubiss
K. SR 91 Resurfacing NOACA Planning FY 2016	7986.00				X		\$1 M (WillHills Portion Only)	\$0	04/11/14 NOACA Board Res. 2014-013 passed (PTAM Policy) 04/24/14 NOACA submitted application for TIGER grant 09/15/14 TIGER grant denied
Maple Valley Subdivision Construction Engineering	7986.12A				X		N/A	Applicant Fee	09/19/14 Partial bond release request from developer 11/20/14 Starting Maintenance Bond and Dedication Process 12/11/14 Council R-O-W dedication acceptance 01/01/15 Monitoring SWP3 & 2-Year Bond Items
Clover Congregate Care 34900 Chardon Rd Construction Engineering	7986.12C		X				N/A	Applicant Fee	06/04/14 Start of construction 01/01/15 Moniotring sitework



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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 06/13/14 Email from Tim Miller providing direction to redesign 07/23/14 Plans resubmitted to County for approval 09/18/14 Addressing property owner concerns with work 12/02/14 Met w/Knecht & Capelli & finalizing revised design 12/16/14 Sent final plans to LCSWMD for approval 12/29/14 Plans approved by LCSWMD 01/21/15 Progress meeting w/Tim Miller, Gloria, & Frank B. 01/22/15 Need Council motion to bid
						\$180,000	E	\$21,750	E		
						\$196,926	E				
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 04/14/14 Informational meeting for residents (City Hall-6:30 pm) 12/08/14 Sent final plans to LCSWMD for approval 12/29/14 Plans approved by LCSWMD 01/21/15 Progress meeting w/Tim Miller, Gloria, & Frank B. 01/22/15 Need Council motion to bid
						\$245,506	E	\$27,913	E		
						\$271,827	E				



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Plan Reviews	7986.14										
2377 Michelle Ct - House	A				X		N/A		Applicant		01/16/15 Permit Application Received
Construction Supervision	7986.15										
Pleasant Valley Rd Resurfacing (Chagrin River East to Chardon)	7986.16						\$179,870	E	\$17,991	E	11/13/14 Motion by Council authorizing bids 01/22/15 Need design/construction appropriation
Eddy Rd Resurfacing (I-271 to Rockefeller)	7986.17						\$218,505	E	\$20,888	E	11/13/14 Motion by Council authorizing bids 01/22/15 Need design/construction appropriation
2015 Pavement Markings (All Public Streets)	7986.TBD						\$55,000	E	\$6,600	E	01/22/15 Need Council motion to bid & design/construction appropriation

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

Annual Storm Water Assessment Fee Collected from Willoughby Hills Residents by Lake County	\$100,000
Portion of Annual Assessment available for projects	\$75,000
Approximate balance available as of 6/2014	\$700,000
Approximate balance allocated as of 10/2014	\$680,000

City No.	Project Name	City Authorization			Lake County Purchase Order			Actual Cost / Reimbursement		Notes	
		Ord.	Date	Type	No.	Date	Amount	Date	Amount		
2013033	Trailard Lane Storm Sewer Extension	2013-40	09/12/13	Approp.	937596	08/28/13	\$4,000.00	12/09/14	\$3,000.00	08/12/13 Scope - Extend storm sewer outlet pipe by 20 LF	
		2014-11	03/13/14	Approp.						03/18/14 Army Corp Permit Application Rec'd from CRWP (under review)	
2013034	Rockefeller/White Storm Water Crossover	2013-40	09/12/13	Approp.	937597	08/28/13	\$8,000.00	09/09/14	\$10,681.37	08/12/13 Scope - Replace crossover with 32 LF of larger 24" diameter pipe	
		2014-12	03/13/14	Approp.						05/21/14 Need new estimate & request additional funds from LCSWD	
2013036	Knecht/O'Brien Stream Restoration - Design	2013-40	09/12/13	Approp.	937743	09/11/13	\$21,750.00			06/12/13 Scope - Remove 225 of failed 24" culvert & stream restoration	
		2014-13	03/13/14	Approp.							
2013038	Erich Drive Drainage	2013-49	11/14/13	Approp.	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	Approp.							
2013039	SOM Center Rd (Rt. 91) Storm Sewer	2013-49	11/14/13	Approp.	938463	10/30/13	\$15,000.00	05/06/14	\$5,805.23	08/21/13 Scope - Repair pipe joint failure & restore surface pavement	
		2014-15	02/13/14	Approp.						05/06/14 Final reimbursement request sent to LCSWD by Finance	
2014001	Eddy Rd Storm Sewer Overflow Swale	2014-16	03/13/14	Approp.	939497	01/08/14	\$17,000.00	12/09/14	\$19,462.25	11/08/13 Scope - Construct 350' of overflow channel for questionable 24" pipe	
2014002	Pleasant Valley Rd Storm Sewer	2014-17	03/13/14	Approp.	939592	01/13/14	\$16,500.00	08/27/14	\$29,294.13	12/24/13 Scope - Install 180' of 12" pipe & additional ditch due to eroding slope	
										05/21/14 Construction by Service Dept. ongoing	
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	Approp.							
2014005	Worrell Road Sinkhole Repair	2014-29	05/08/14	Approp.			\$7,100.00	08/13/14	\$1,280.41	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	2014-34	05/22/14	Approp.			\$6,600.00	12/09/14	\$6,399.37	05/21/14 Complete	
										04/15/14 Scope - Survey & analysis for drainage improvements	
TBD	Rosewood Trail Storm Sewer Maintenance	2014-33	06/26/14	Approp.			\$20,350.00	10/01/14	\$4,108.66	04/11/14 Scope - Clean & repair storm pipes along rear property lines	
										05/06/14 Funding approved by LCSWD	
TBD	Dodd Rd at Eagles Nest Drainage	2014-44	07/10/14	Approp.			\$37,429.00			05/21/14 Work scheduled to begin 5/27 based on equipment availability	
										06/02/14 Scope - Install 660' of 24" perfoated pipe & restoration	
2014012	Chagrin Drive Drainage Project	2014-43	07/10/14	Approp.			\$9,000.00	08/14/14	\$5,128.41	06/02/14 Funding request email sent to Tim Miller from Nate	
										05/23/14 Scope - Install catch basin and piping to capture and convey run-off	
2014017	38160 Rogers Rd Headwall Collapse	2014-56	07/10/14	Approp.			\$5,900.00	08/13/14	\$3,538.59	04/15/14 Scope - Repair/Replace Collapsed Headwall	
										06/24/14 Funding request email sent to Tim Miller from Nate; emergency approval	
TBD	River Rd North Storm Sewer Replacement	2014-57	09/11/14	Tabled			\$142,600.00			07/24/14 Scope - Replace 2,112 lineal feet of 24" storm pipe	
TBD	Rockefeller Rd North Drainage	2014-60		Pending	943408	10/07/14	\$22,200.00	12/09/14	\$19,189.44	07/24/14 Scope - Install 140 leineal feet of 24" storm pipe in roadside ditch	
										10/08/14 Work started by Dino's Plumbing	
2014020	Bishop Road Sinkhole	2014-61	09/11/14	Approp.				09/19/14	\$4,818.00	07/25/14 Scope - Clean, televise, & repair pipe and pavement	
TBD	Rogers Road Ditch & Culverts				943407	10/07/14	\$27,400.00			10/08/14 Lake County Purchase Order received; Work to start 10/13/14	
TOTAL							\$411,629.00	\$123,038.58			