



# 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, & Kevin Tr  
**Date:** 12/3/2015

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 Rec'd Stage 1 Plans/Estimate from ODOT. Initial estimate of city cost to include signal is \$100k (2017) 05/19/15 Rec'd Stage 2 Plans/Estimate. Estimate for city to include signal is \$88k (2017 construction) 11/20/15
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 03/25/15 Sent conceptual proposal to Kirtland 05/08/15 Requested Letter of Support from Kirtland for Worrell 06/05/15 Pre-Application submitted to Lake County Engineer 08/24/15 Received Pre-Application Approval from Lake County 10/14/15 Worrell Rd Agreement signed by Kirtland 10/27/15 Worrell Rd Grant Application submitted to County
K. SR 91 Resurfacing NOACA Planning FY 2016	7986.00				X	\$1 M (WillHills Portion Only)	E	\$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 02/04/15 SR 91 Amended to TIP by NOACA 02/19/15 Meeting w/NOACA at City Hall



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									02/23/15 Rec'd notice & reviewing new ODOT LPA requirements Contacted Willoughby (CT) & NOACA on 3/25, 4/16, & 05/07/15 4/28, awaiting direction 05/20/15 Received draft agreement from CT. Under review.  06/23/15 Coord. meeting w/Lake County Engineer & NOACA  County Engineer intends to lead joint project w/Willoughby & Willoughby Hills, but will select 07/07/15 independent engineer for design (not CT or Bowen) 11/05/15 Stage 1 Plans & Estimate Rec'd \$98,452 E
L. Misc.	7986.00				X		N/A	\$0	03/18/15 OEPA NPDES MS4 Storm Water Muni Complex walk-around w/CRWP & Mark G. 05/19/15 Rec'd CRWP memo following 3/18 walk-around Contacted by CSWCD about Habitat Planning Grant 06/04/15 for Euclid Creek 08/14/15 Potential stream restoration site visit w/Claire P.
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 01/22/15 Received As-Built Drawings Sent letter directing developer (Osborne) to address 07/02/15 drainage items  Developer rec'd 3rd violation notice from LCSWCD; No 08/19/15 further building permits will be issued until mitigated Developer addressed 2 of 3 issues; LCSWCD to re- 09/17/15 inspect 09/21/15 Compliance w/LCSWCD violations achieved



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Clover Congregate Care 34900 Chardon Rd Construction Engineering	7986.12C			X			N/A		Applicant Fee		06/04/14 Start of construction 01/01/15 Monitoring sitework
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 Council motion to bid received 02/05/15 Public Bid Advertisement (News Herald & City Web) 02/26/15 Received contractor bids 03/06/15 Woodford Excav. recommended as lowest & best bid 03/26/15 Award by Council 04/21/15 Preconstruction Meeting Material submittals rec'd & approved. Awaiting 05/19/15 estimated delivery date from precast supplier 06/15/15 Woodford mobilized and began excavation 07/02/15 Construction ongoing slowly due to rain 07/16/15 Pipe installation complete Landscaping & Concrete Pad Installed; Project 09/01/15 substantially complete
						\$180,000	E		\$21,750	E	
						\$196,926	E				
						\$168,462	B				
						\$163,423	A		\$16,757	A	10/29/15 Project Complete & Closed-Out



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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 04/14/14 Informational meeting for residents (City Hall-6:30 pm) \$271,827 E 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 Council motion to bid received 02/05/15 Public Bid Advertisement (News Herald & City Web) 02/26/15 Received contractor bids \$265,892 B 03/06/15 Long Sewer Const. recommended as lowest & best bid 03/26/15 Award by Council 04/17/15 Preconstruction Meeting 05/07/15 Dominion completing work started 4/22 05/15/15 Longo finished CEI duct work (CEI to follow 6/1). 06/02/15 CEI work complete 07/01/15 Demo of headwalls started 07/16/15 foundation construction 09/02/15 West lane of concrete roadway poured 09/10/15 East lane of concrete roadway poured 09/14/15 Roadway re-opened to 2-lane traffic 10/16/15 Landscape Restoration Complete
Plan Reviews	7986.14										
2377 Michelle Ct - House	A				X		N/A		Applicant		01/16/15 Permit Application Received
2881 Rockefeller Rd - House	B				X		N/A		Applicant		01/29/15 Permit Application Received



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36802 Beech Hill Dr - House	C				X		N/A		Applicant		03/23/15 Permit Application Received
29365 White Rd - House	D				X		N/A		Applicant		04/13/15 Permit Application Received
2876 Fowler Dr - House	E				X		N/A		Applicant		05/12/15 Permit Application Received
2542 Maple Hill Rd - House	F				X		N/A		Applicant		06/02/15 Permit Application Received
29285 Willow Ln - House	G				X		N/A		Applicant		06/04/15 Permit Application Received
37601 Eagle Rd - Addition	H				X		N/A		Applicant		06/04/15 Permit Application Received
2802 SOM Ctr Rd - Faralli	I				X		N/A		Applicant		07/24/15 Permit Application Received
2537 Maplevue Ln - House	J				X		N/A		Applicant		08/04/15 Permit Application Received
28500 Chardon Rd - Small Ce	K				X		N/A		Applicant		08/04/15 Permit Application Received
2366 Rivers Edge - House	L				X		N/A		Applicant		08/07/15 Permit Application Received
2328 Rivers Edge - House	M				X		N/A		Applicant		08/19/15 Permit Application Received
2968 Rockefeller - House	N				X		N/A		Applicant		09/22/15 Permit Application Received
2514 Maple Hill Rd - House	O				X		N/A		Applicant		10/05/15 Permit Application Received
2483 Maple Hill Rd - House	P				X		N/A		Applicant		10/05/15 Permit Application Received
2491 Maple Hill Rd - House	Q				X		N/A		Applicant		10/05/15 Permit Application Received
35859 Chardon Rd - House	R				X		N/A		Applicant		10/06/15 Permit Application Received
Bishop Plaza Utilities	S				X		N/A		Applicant		10/29/15 Permit Application Received
27291 Chardon Lot Split	T				X		N/A		Applicant		11/06/15 Permit Application Received
Construction Supervision	7986.15										
Dunkin Donuts - 2801 Bishop	A			X			N/A		Applicant		03/11/15 All fees paid; Pending GC identification 05/25/15 Construction Start 09/11/15 Punch list provided to contractor 09/28/15 Open for business
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 02/05/15 Awaiting PO from Finance for engineering 02/19/15 Preparing docs for public bid 03/05/15 Public Bid Advertisement (News Herald & City Web) 03/26/15 Received contractor bids 04/07/15 Specialized Const. recommended as lowest & best bid 05/07/15 Precons Meeting 05/26/15 Tentative Construction Start Date
							\$169,000 E				
							\$160,868 B				



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							\$146,166	A	\$15,462	A	05/29/15 Asphalt Recycling Complete Installation of intermediate & surface asphalt courses anticipated 06/29/15 07/16/15 Final asphalt surface course planned for 7/19/15 09/03/15 Performing final walk-thru / punch-list 11/03/15 Project Complete & Closed-Out
Eddy Rd Resurfacing (I-271 to Rockefeller)	7986.17						\$218,505	E	\$20,888	E	11/13/14 Motion by Council authorizing bids 02/05/15 Awaiting PO from Finance for engineering 02/19/15 Preparing docs for public bid 03/05/15 Public Bid Advertisement (News Herald & City Web) 03/26/15 Received contractor bids 04/07/15 Specialized Const. recommended as lowest & best bid 05/07/15 Precon Meeting 05/26/15 Tentative Construction Start Date 05/28/15 Asphalt Recycling Complete Installation of intermediate & surface asphalt courses anticipated 06/29/15 07/16/15 Final asphalt surface course planned for 7/19/15 09/03/15 Performing final walk-thru / punch-list 11/03/15 Project Complete & Closed-Out
							\$210,000	E			
							\$192,359	B			
							\$180,208	A	\$18,016	A	
2015 Pavement Markings (All Public Streets)	7986.TBD						\$55,000	E	\$6,600	E	01/22/15 Motion from Council authorizing bids 02/05/15 Awaiting PO from Finance for engineering 02/19/15 Preparing docs for public bid 03/05/15 Public Bid Advertisement (News Herald & City Web) 03/26/15 Received contractor bids 04/07/15 Pat Flowers recommended as lowest & best bid 05/21/15 Precon Meeting 07/14/15 All markings except SR-91 complete 08/14/15 Project complete & Closed-Out
							\$55,000	E			
							\$44,300	B			
							\$43,133	A	\$5,176	A	