



Office of the City Engineer
609 West Navajo Street
West Lafayette, Indiana 47906
Phone: 765.775.5130
Fax: 765.775.5249

JANUARY 2015

2014 ANNUAL REPORT for the WEST LAFAYETTE ENGINEERING DEPARTMENT

The following is a brief summary of the projects, developments, and day to day operations of the West Lafayette City Engineer's Office in 2014.

Completed Road Projects:

- **Northwestern Avenue Safety Improvements, Phase 3:** This project was the third in a series of Northwestern Avenue safety improvement projects spanning from Dodge Street to Grant Street. This project consisted of replacing the signal at Stadium Avenue, installing a new signal at Dodge Street, and installing a signalized pedestrian intersection at the Northwestern parking garage. The project also added new curbed medians with landscape areas, decorative fencing, and updated LED lighting. This work has modernized the Northwestern corridor and increased safety for pedestrian traffic. Rieth-Riley completed the construction with a total project cost of 1.6 Million. Purdue University partnered with the City to share the costs.
- **Salisbury Street, Phase 3:** The final phase of reconstruction work on Salisbury Street took place between Rainbow Drive and US 52. The work encompassed complete road reconstruction including ADA improvements, new sidewalks, curbs, landscaping, traffic signal replacement, and LED street lighting as well as traffic signal coordination all along the Salisbury Street corridor. This contract was completed by Milestone Contractors on time and under the \$1,225,000 awarded contract amount.
- **Mid-Block Crossing Project:** This project installed 2 flashing yellow pedestrian crossings in West Lafayette using 90% federal safety funding. The first was installed on Salisbury Street for the crossing from Lagrange Street to the Farmers Market located in Cumberland Park. The second pedestrian crossing is located on Tapawingo Drive for pedestrian traffic between the Wabash Landing shopping center and Tapawingo Park. Both of these crossings are equipped with push buttons that will initiate the high-intensity LED flashing lights allowing for safer crossing.

- **2014 Street Resurfacing, Sidewalk Repairs and ADA Ramps:** The Engineering Department staff oversaw just under \$600,000 in street resurfacing and repairs to our sidewalks, ramps and streets throughout the City. Work was completed on Navajo Street, Sheridan Road, Western Drive, Glenway Street, Stadium Avenue, Russell Street, 4th Street, Waldron Street, and Grant Street.

In-Progress Road Projects:

- **Cumberland Avenue, Phase 3:** The final segment of reconstruction on Cumberland Avenue is currently under construction. Work includes rebuilding Cumberland Avenue from Salisbury Street to Soldiers Home Road and is scheduled to be completed in the fall of 2015. Milestone Contractors is completing this \$5,000,000.00 investment in the City's infrastructure and neighborhoods.
- **Happy Hollow Road:** Utility work for the reconstruction of Happy Hollow Road is wrapping and this federally funded project is scheduled to move into the construction phase in the spring of 2015. Work will rebuild the road with new curbs, pavement, storm sewers, and a continuous trail to connect neighborhoods to Happy Hollow Park. Reith-Riley will be completing this \$6,000,000.00 project over the next 2 years.

In-Design Road Projects:

- **Northwestern Avenue Safety Improvements, Phase 4:** This project is the fourth in a series of Northwestern Avenue safety improvement projects spanning from Cherry Lane to Dodge Street and from Grant Street to North Street. This project will consist of replacing the signals at Cherry Lane and Grant Street. The project also will add new curbed medians, curb, sidewalk, landscape areas, decorative fencing, and updated LED lighting. This work will continue to modernize the Northwestern corridor, increase safety for pedestrian traffic, and enhance this nearly fully reconstructed gateway into West Lafayette and Purdue University.
- **Lindberg Road Project:** Design work for the reconstruction of Lindberg Road from Salisbury Street to Northwestern Ave. has begun. Work will rebuild the road with new storm water infrastructure, curbs, pavement, upgraded bike and pedestrian facilities, and possibly street lighting. Engineering and public input will take place in 2015 with Construction funding programmed for 2016.

Sidewalk Projects:

- **Sidewalk and Curb Projects:** The City installed new curbs and sidewalks along 4th Street, Waldron Street, and Russell Street with Community Development Block Grant Funds. The cost for the project was \$108,000.
- **Sidewalk Trip Hazard Removal:** The City continued to remove sidewalk trip hazards this year concentrating on the remaining hazards in the University Farm,

Arbor Chase, and Bar Barry Heights subdivisions. This work will be complete in 2015. The cost of this project is \$97,000.

- **Navajo Curb and Sidewalk, Phase 1:** The City began a series of sidewalk and curb repairs along Navajo Street. The first phase went from Salisbury St. to Indian Trail Dr. The contract was completed by Fairfield Contractors at a cost of just under \$150,000. This project was dovetailed with the improvements on Salisbury St. to minimize disruptions to the public and to speed up construction.

Planned Developments & Building Projects:

- **New Commercial:**

Purdue Federal Credit Union – 769,000
Jimmy Johns (Sagamore) – 155,000
Jimmy Johns (Northwestern) – 120,000
Subway – 150,000
Fresh City Market – 1,200,000
University Bookstore – 112,000
Regions Bank – 515,000
Goodwill Industries – 1,400,000
Northwestern Associates – 1,500,000
Joyful Journey – 800,000
Allen White/Whiskir, LLC – 170,000
Allen White/Whiskir, LLC – 100,000

- **Commercial Remodel:**

West Lafayette School Corp. – 927,000
Brixmor Property Group – 100,000
Jimmy Johns – 155,000
Pi Kappa Alpha – 1,400,000
Payless Supermarket – 620,000.00
La Tea Restaurant – 92,000
Southworth Building LLC. – 1,045,992
Christos – 50,000
Trilogy Health Services LLC – 100,000
St. Thomas Aquinas – 395,100
Fresh City Market – 15,750
Kappa Kappa Gamma – 650,000
Delta MU Chapter of Alpha Phi – 600,000
WLF1 – 20,000
City of West Lafayette – 1,261,600
Wabash Educational Network – 30,000
Innovation Center – 183,000
Sport Clips – 65,000
Carolyn S Hall Trustee – 443,400
Mcdonald's – 25,500
Walmart – 13,000
Wabash Landing Tri N Run – 55,000
West Lafayette Smokes – 7,000
Westminster Village – 1,115,800
CVS – 125,000

Dave Lux – 14,000
Cook Biotech – 128,000
Hitea – 55,000
Old Long John Silver's Bldg. – 162,475
Starbucks – 4,500
Farmers Merchant Bank – 13,000

- **New Planned Developments:**

- Fuse Building (720 Northwestern) - \$29,417,139
- Lafayette Community Bank - \$710,200
- Wang Hall - \$25,427,266
- Morris Rentals PD - \$1,150,000
- Faith West - \$7,742,500
- Joyful Journey – \$800,000
- South Street Station - \$5,700,000
- State Street PD – N/A

- **Sewer Tap Permits Issued Outside City Limits:**

- The Orchards (4)
- Huntington Farms (3)
- Miscellaneous (1)

Issued Permits, Reviews and Inspections:

- Total building permits issued: 628
- Total constructed dollar value: \$95,173,544.00
- Total plan reviews: 628
- Total building inspections: 1,227
- Total excavation permits issued: 30
- Total excavation inspections: 54
- Total stormwater permits issued: 2
- Total stormwater erosion control inspections: 551

- Exhibit A** – Total Permits Issued by Number
- Exhibit B** – Total Construction Dollar
- Exhibit C** – Annual Report Comparison 1990-2013
- Exhibit D** – Chart – Constructed Dollar Value
- Exhibit E** – Chart – Number of Permits
- Exhibit F** – Chart – Dwelling Units

Respectfully Submitted,



David M. Buck, P.E.
Public Works Director

Exhibit A

CITY OF WEST LAFAYETTE, INDIANA
 ENGINEERING DEPARTMENT
 BUILDING PERMIT SUMMARY
 TOTAL CONSTRUCTION DOLLAR
 2014

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
New - Single Family Residences	\$ 425,000	\$ -	\$ 1,129,500	\$ 1,687,700	\$ 716,000	\$ 1,652,000	\$ 688,000	\$ 565,000	\$ 2,559,200	\$ 140,000	\$ 169,000	\$ 400,000	\$ 10,131,400
Improvements - Single Family Residences	\$ 15,000	\$ 45,000	\$ -	\$ 177,172	\$ 68,800	\$ 397,961	\$ 189,635	\$ 177,364	\$ 68,800	\$ 411,337	\$ 126,576	\$ 193,190	\$ 1,870,836
New - Multi-Family Residences	\$ -	\$ 4,354,753	\$ -	\$ 5,777,121	\$ 3,150,371	\$ -	\$ -	\$ -	\$ -	\$ 19,425,492	\$ -	\$ 458,983	\$ 33,166,720
Improvements - Multi-Family Residences	\$ 50,307	\$ 45,000	\$ 24,000	\$ -	\$ 7,286,881	\$ 486,000	\$ 121,000	\$ 15,000	\$ 16,500	\$ 50,000	\$ -	\$ 24,000	\$ 8,118,688
New - Duplex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Improvements - Duplex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New - Commercial	\$ 769,000	\$ -	\$ 3,471,758	\$ 2,870,000	\$ 5,927,000	\$ -	\$ -	\$ -	\$ -	\$ 2,300,000	\$ 270,000	\$ -	\$ 15,607,758
Improvements - Commercial	\$ -	\$ 132,000	\$ 1,015,000	\$ 747,000	\$ 640,992	\$ 545,100	\$ 1,285,750	\$ 704,400	\$ 16,055,102	\$ 628,000	\$ 22,500	\$ 128,000	\$ 21,903,844
New - Office/Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Improvements - Office/Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New - Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Improvements - Other	\$ -	\$ -	\$ 1,503,000	\$ -	\$ 1,362,572	\$ -	\$ 111,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,976,572
Miscellaneous (signs, electrical, demo)	\$ 6,250	\$ 71,880	\$ 117,822	\$ 34,400	\$ 94,365	\$ 175,355	\$ 86,241	\$ 223,811	\$ 148,617	\$ 134,946	\$ 129,350	\$ 174,690	\$ 1,397,727
													\$ -
Total Construction Value	\$ 1,265,557	\$ 4,648,633	\$ 7,261,080	\$ 11,293,393	\$ 19,246,981	\$ 3,256,416	\$ 2,481,626	\$ 1,685,575	\$ 18,848,219	\$ 23,089,775	\$ 717,426	\$ 1,378,863	\$ 95,173,544
Improvements - Fraternities/Sororities	\$ -	\$ -	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 1,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,650,000
Improvements - Churches	\$ -	\$ -	\$ 43,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ -	\$ 49,000
Improvements - School	\$ -	\$ -	\$ 860,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 895,000
Demolition - School	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Tax-Exempt	\$ -	\$ -	\$ 2,303,000	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000	\$ -	\$ 2,344,000
TOTAL DOLLARS	\$ 1,265,557	\$ 4,648,633	\$ 9,564,080	\$ 11,328,393	\$ 19,246,981	\$ 3,256,416	\$ 3,731,626	\$ 1,685,575	\$ 18,848,219	\$ 23,089,775	\$ 723,426	\$ 1,378,863	\$ 97,517,544

Exhibit B

**CITY OF WEST LAFAYETTE, INDIANA
ENGINEERING DEPARTMENT
BUILDING PERMIT SUMMARY
TOTAL PERMITS ISSUED
2014**

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL PERMITS ISSUED
New - Single Family Residences	2	0	4	9	4	9	5	4	12	1	1	1	52
Improvements - Single Family Residences	1	2	0	9	5	9	13	8	6	10	5	4	72
New - Multi Family Residences	0	5	0	5	4	0	0	0	0	23	0	1	38
Improvement - Multi Family Residence	2	3	2	0	22	3	4	1	1	1	0	1	40
New - Duplex	0	0	0	0	0	0	0	0	0	0	0	0	0
New - Commercial	1	0	2	4	3	0	0	0	0	2	2	0	14
Improvements - Commercial	0	2	2	3	2	3	4	7	9	2	2	2	38
New - Office/Research	0	0	0	0	0	0	0	0	0	0	0	0	0
Improvements - Office/Research	0	0	0	0	0	0	0	0	0	0	0	0	0
Misc (Signs, electrical, Change of Use)	14	9	18	8	20	31	15	15	16	9	11	8	174
Demo - Total Units Demolished	0	0	3	1	0	1	6	3	4	6	2	4	30
Right of Way Permits	7	19	16	15	18	11	31	16	7	15	4	5	164
Improvement - Other	0	1	3	0	2	0	0	0	0	0	0	0	6
Total Permits Issued	27	41	50	54	80	67	78	54	55	69	27	26	628

Exhibit D

ENGINEERING DEPARTMENT
ANNUAL REPORT COMPARISON
1990- 2014

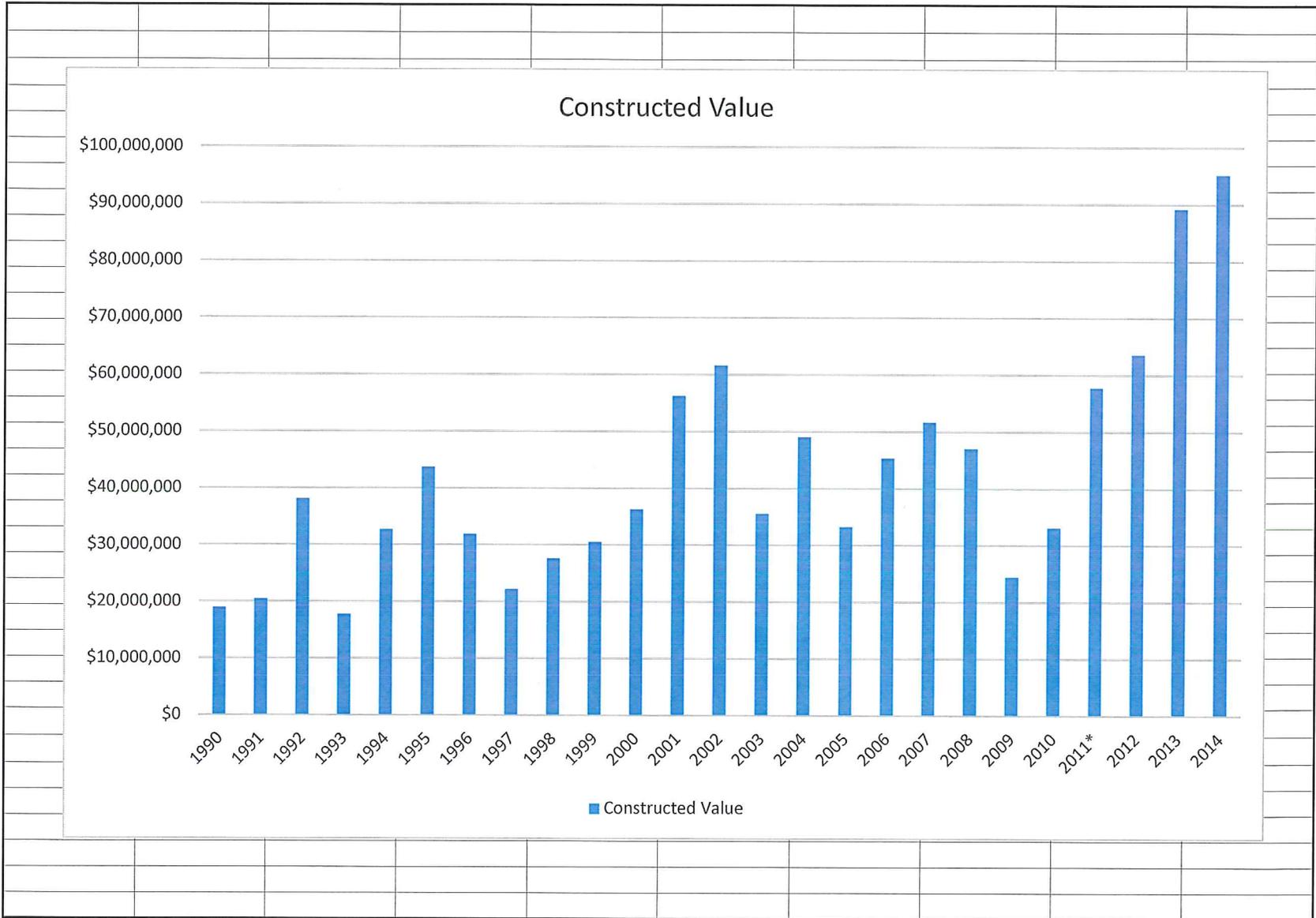


Exhibit E

ENGINEERING DEPARTMENT
ANNUAL REPORT COMPARISON
1990-2014

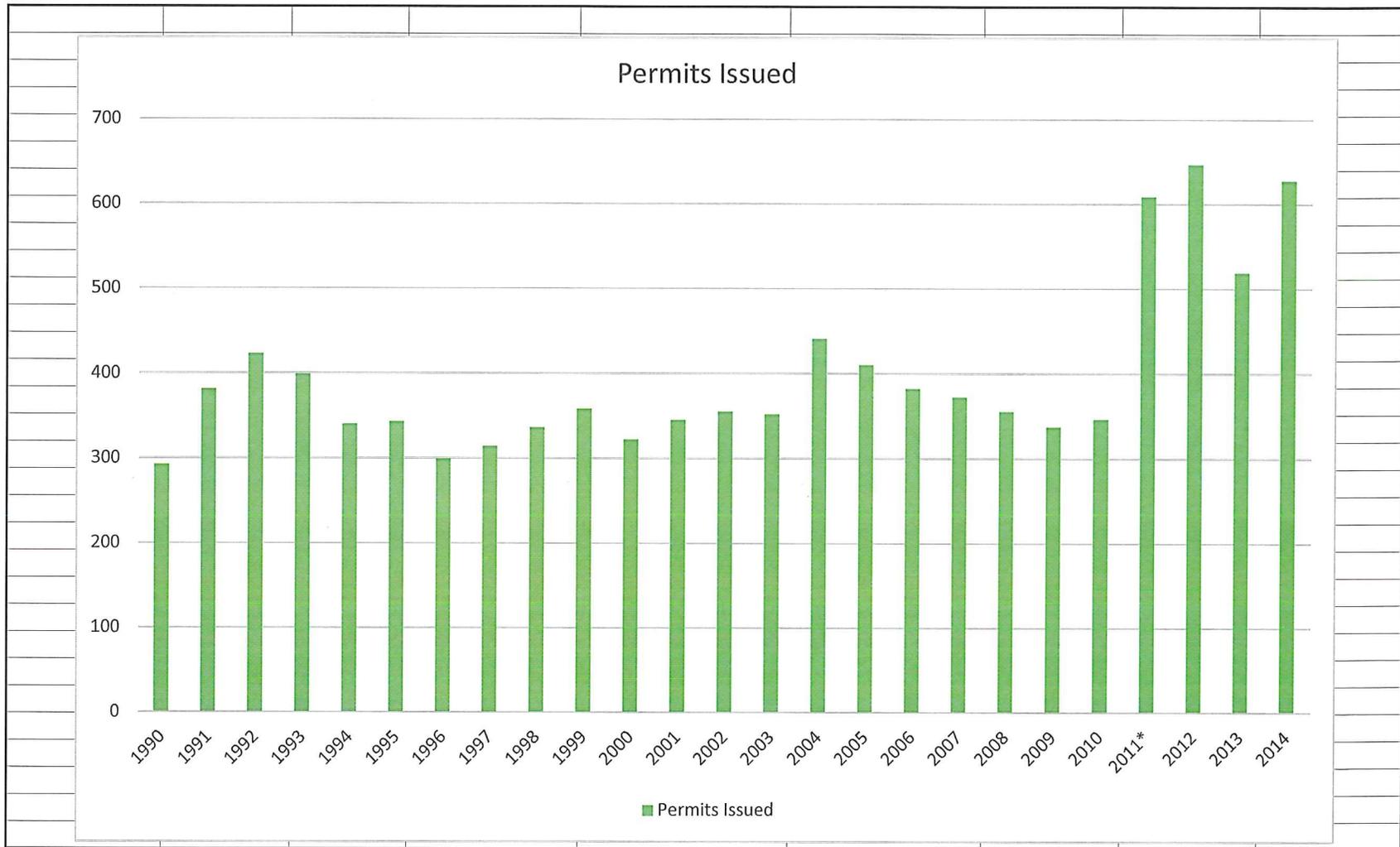


Exhibit F

ENGINEERING DEPARTMENT
ANNUAL REPORT COMPARISON
1990-2014

