

AGENDA
PLANNING, BUILDING AND ZONING COMMITTEE
Village of Hoffman Estates
August 26, 2013

Immediately Following the Transportation & Road Improvement Committee

Members:	Karen Mills, Chairperson	Anna Newell, Trustee
	Gayle Vandenberg, Vice Chairperson	Gary Pilafas, Trustee
	Gary Stanton, Trustee	Michael Gaeta, Trustee
		William McLeod, Mayor

I. Roll Call

II. Approval of Minutes - July 22, 2013

NEW BUSINESS

1. Request by D.R. Horton/Cambridge Homes for a courtesy review of new home models proposed in an existing single-family subdivision (Devonshire Woods Estates).
2. Discussion regarding Village contribution in 2014 to assist with creation of a formal Golden Corridor Manufacturing Group.
3. Request acceptance of Department of Development Services monthly report for Planning Division.
4. Request acceptance of Department of Development Services monthly report for Code Enforcement Division.
5. Request acceptance of Department of Development Services monthly report for Economic Development and Tourism.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

**PLANNING, BUILDING & ZONING
COMMITTEE MEETING MINUTES**

July 22, 2013

I. Roll Call

Members in Attendance:

**Karen Mills, Chairperson
Gayle Vandenberg, Vice Chairperson
Gary Stanton, Trustee
Anna Newell, Trustee
Gary Pilafas, Trustee
Michael Gaeta, Trustee
Mayor William D. McLeod**

**Management Team Members
in Attendance:**

**Art Janura, Corporation Counsel
Dan O'Malley, Deputy Village Manager
Mark Koplin, Asst. Vlg. Mgr, Dev. Services
Peter Gugliotta, Director of Planning
Mike Hankey, Director of Transportation
Patrick Seger, Director of Human Resources
Michael Hish, Police Chief
Algean Garner, Director of H&HS
Joe Nebel, Director of Public Works
Rachel Musiala, Finance Director
Bev Romanoff, Village Clerk
Nichole Collins, Emergency Mgmt Coord.
Patricia Cross, Asst. Corp. Counsel
Betty Melligan, Code Enforcement Officer
Greg Schuldt, Asst Fire Chief-Training & Safety
Bruce Anderson, Cable TV Coordinator**

The Planning, Building & Zoning Committee meeting was called to order at 7:51 p.m.

II. Approval of Minutes

Motion by Trustee Pilafas, seconded by Trustee Stanton, to approve the Planning, Building & Zoning Committee meeting minutes of June 10, 2013. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS**1. Request approval by Audi Hoffman Estates for a site plan amendment for a parking lot expansion at 1200 Golf Road.**

An item summary from Peter Gugliotta and James Donahue was presented to Committee.

Mr. Gugliotta provided background information on the request. Trustee Mills and Mr. Gugliotta discussed the location of the parking lot.

Trustee Pilafas and Mr. Gugliotta discussed that the dealership did not need curb defined parking in parking lots not used by customers.

Trustee Pilafas, Brian Hall from Audi Hoffman Estates and Mr. Gugliotta discussed the additional parking lot and the parking lot lighting.

Trustee Mills and Mr. Hall discussed the landscaping.

Trustee Stanton explained that the new parking lot was in the same location as the Village's former municipal building's parking lot.

Motion by Trustee Stanton, seconded by Trustee Pilafas, to approve a request by Audi Hoffman Estates for a site plan amendment for a parking lot expansion at 1200 Golf Road. Voice vote taken. All ayes. Motion carried.

2. Request approval of Barrington Square Town Center TIF Pay Request #2 in the amount of \$2,375,105.73.

An item summary from Mark Koplin and Arthur Janura was presented to Committee.

Mr. Koplin provided additional background explanation for the request.

Trustee Mills and Mr. Koplin discussed that the requested expenses were normal TIF expenses.

Trustee Pilafas expressed interest in Barrington Square Town Center securing a larger anchor tenant.

Trustee Pilafas and Mr. Koplin clarified that the request was for future payment and that funds would be paid out if and when TIF increment is generated by the center.

Motion by Trustee Gaeta, seconded by Trustee Vandenberg, to approve of Barrington Square Town Center TIF Pay Request #2 in the amount of \$2,375,105.73. Voice vote taken. All ayes. Motion carried.

3. Request by Residential Dynamics Group, LLC (owner) for a site plan amendment to remodel and expand the farmhouse and to construct a driveway and detached garage on Lot 2 of the O'Malley Farm Subdivision at 940 Freeman Road.

An item summary from Peter Gugliotta and Josh Edwards was presented to Committee.

Mr. Gugliotta provided a background explanation of the request.

Ms. Carmen Cervantes with Residential Dynamics Group, LLC presented the details of the request, including elevations and floor plans for the renovation project.

Trustee Mills and Ms. Cervantes discussed solutions to challenges with the existing home's floors.

Trustee Pilafas and Mr. Gugliotta discussed that the plan proposed by RDG would adhere to the Village's codes and that the previous owner was more interested in demolishing the home. Ms. Cervantes explained that distressed homes were her organization's specialty.

Trustee Mills asked Ms. Cervantes to provide a list of similar projects in the area and Ms. Cervantes agreed.

Trustee Mills and Mr. Gugliotta discussed that the approval on the site plan was specific to the petitioner, not the property and also discussed the time frames for pulling permits.

Mr. Collin Horn at 930 Freeman Road and Mr. Gugliotta discussed storm sewer concerns.

Motion by Trustee Stanton, seconded by Mayor McLeod, to add an additional condition to the staff recommendation requiring that the foundation and structural changes recommended by Mr. Jim Ridley's Architectural Report would be incorporated into the plan. Voice vote taken. All ayes. Motion carried.

Motion by Mayor McLeod, seconded by Trustee Stanton, to approve of the request by Residential Dynamics Group, LLC (owner) for a site plan amendment to remodel and expand the farmhouse and to construct a driveway and detached garage on Lot 2 of the O'Malley Farm Subdivision at 940 Freeman Road. Voice vote taken. All ayes. Motion carried.

4. Request approval of an Annexation Agreement by and between the Village of Hoffman Estates and LaSalle Holdings LLC (Owner) and Bradwell Estates LLC (Contract Purchaser) on the property located on the south side of Bradwell Road between Chambers and Kingston Drives for a 19 lot single-family subdivision (Bradwell Estates).

An item summary from Peter Gugliotta and James Donahue was presented to Committee.

Mr. Gugliotta provided background information regarding the request and next steps for the project.

Trustee Mills expressed concerns with accepting the annexation agreement and therefore approving the preliminary plans. Mayor McLeod agreed with Trustee Mills' concerns and asked to not vote on the item.

Mr. Chuck Byrum, the attorney for Bradwell Estates, provided additional information about the variances requested. Trustee Mills, Mr. Gugliotta and Mr. Byrum discussed next steps.

Motion by Mayor McLeod, seconded by Trustee Pilafas, to send the request for an Annexation Agreement by and between the Village of Hoffman Estates and LaSalle Holdings LLC (Owner) and Bradwell Estates LLC (Contract Purchaser) on the property located on the south side of Bradwell Road between Chambers and Kingston Drives for a 19 lot single-family subdivision (Bradwell Estates) with no recommendation. Voice vote taken. All ayes. Motion carried.

5. Request approval of North West Housing Partnership as sub-recipient to administer the Community Development Block Grant (CDBG) Single-Family Rehabilitation Project and to approve execution of the proposed Sub-recipient Agreement.

An item summary from Peter Gugliotta and Ashley Monroe was presented to Committee.

Mr. Gugliotta explained that this was part of the CDBG program.

Motion by Trustee Pilafas, seconded by Trustee Gaeta, to approve of North West Housing Partnership as sub-recipient to administer the Community Development Block Grant (CDBG) Single-Family Rehabilitation Project and to approve execution of the proposed Sub-recipient Agreement. Voice vote taken. All ayes. Motion carried.

6. Request approval of an ordinance to declare land within Colony Park (5790 Kingston Drive) as surplus and approval of a resolution transferring surplus to the Hoffman Estates Park District.

An item summary from Jim Norris and Art Janura was presented to Committee.

Trustee Mills and Mr. Gugliotta discussed that it was a housekeeping item discovered through the Bradwell Estates planning process.

Motion by Trustee Pilafas, seconded by Trustee Gaeta, to approve of an ordinance to declare land within Colony Park (5790 Kingston Drive) as surplus and approval of a resolution transferring surplus to the Hoffman Estates Park District. Voice vote taken. All ayes. Motion carried.

7. Discussion regarding a proposed single-family rental property registration and inspection program.

An item summary from Mark Koplin and Peter Gugliotta was presented to Committee.

Mr. Gugliotta provided the background of the agenda item. Mr. Koplin explained that the registration alone would be helpful and anything beyond that would be even more helpful.

Trustee Mills expressed that she believed this program would be a great help and asked that the program look at life safety issues.

Trustee Pilafas expressed his interest in a registration and inspection program.

Mr. Gugliotta explained that the licensing fee would cover the cost of additional staff time needed to execute the program.

Trustee Mills requested an analysis of costs and programs in surrounding communities, inclusion of provisions for new tenants within a year of the inspection, and eventually incorporating a crime-free leasing addendum.

Trustee Gaeta and Mr. Gugliotta discussed the staff resources required to implement the program.

Trustee Mills and Mr. Gugliotta discussed including the inspection as part of the lease agreement.

Trustee Vandenberg expressed her support of a program and the Clean Sweep program that was previously done in June.

Trustee Stanton and Mr. Gugliotta discussed the provision for new purchasers to execute the registration and the inspection.

Trustee Mills requested that staff investigate whether family members or banks are required to register.

Trustee Pilafas and Mr. Gugliotta discussed next steps, including an open house and coinciding implementation of the program with budget discussions for 2014.

Mr. O'Malley recommended bringing the item back to a Committee Meeting for further discussion.

Motion by Trustee Pilafas, seconded by Mayor McLeod, to direct staff to develop a detailed program that included both external and internal property inspections. Voice vote taken. All ayes. Motion carried.

8. Request acceptance of Department of Development Services monthly report for Planning Division.

The Department of Development Services monthly report for Planning Division was submitted to the Committee.

Motion by Trustee Pilafas, seconded by Trustee Gaeta, to accept the Department of Development Services monthly report for Planning Division. Voice vote taken. All ayes. Motion carried.

9. Request acceptance of Department of Development Services monthly report for Code Enforcement Division.

The Department of Development Services monthly report for Code Enforcement was submitted to the Committee.

Motion by Trustee Pilafas, seconded by Trustee Stanton, to accept the Department of Development Services monthly report for Code Enforcement Division. Voice vote taken. All ayes. Motion carried.

10. Request acceptance of Department of Development Services monthly report for Economic Development and Tourism.

The Department of Development Services monthly report for Economic Development and Tourism was submitted to the Committee.

Mr. Koplín explained that the Economic Development Director position was advertised and that they were receiving resumes for the position and conducting interviews.

Motion by Trustee Gaeta, seconded by Trustee Pilafas, to accept the Department of Development Services monthly report for Economic Development and Tourism. Voice vote taken. All ayes. Motion carried.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

Motion by Trustee Pilafas, seconded by Trustee Newell, to adjourn the meeting at 8:50 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Emily Kerous, Dir. of Operations/Outreach -
Office of the Mayor & Board

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request by D.R. Horton/Cambridge Homes for a courtesy review of new home models proposed in an existing single-family subdivision (Devonshire Woods Estates)

MEETING DATE: August 26, 2013

COMMITTEE: Planning, Building and Zoning

FROM: Peter Gugliotta^{PG}/James Donahue^{JD}

REQUEST: Request by D.R. Horton/Cambridge Homes for a courtesy review of new home models proposed in an existing single-family subdivision (Devonshire Woods Estates).

BACKGROUND: Devonshire Woods Estates Subdivision was approved as a 55 lot single-family subdivision in 2007. The previous developer (Dartmoor Homes) constructed nine homes on the property before relinquishing the property back to the bank.

In 2011, the new property owner (OM&I Hoffman Three LLC) and the Village entered into a Settlement Agreement that got the remaining public improvements installed to the Village standards including sidewalks, street paving, landscaping, and other improvements. Additionally, as part of the Agreement, the new property owner vacated the platted lots (Lots 4-23) in the southern portion of the site and consolidated them into one lot to prevent the sale of individual lots that would not have access to a street, as the south end of Bur Oak Drive has not been completed. Also in 2011, the new property owner entered into an agreement with the Park District that required them to deed over one of the lots (Lot 19) to the Park District as part of settling outstanding issues and obligations.

One of the conditions of the final site approval for the subdivision was that “approval was granted based on the proposal that Dartmoor Homes will construct all homes within this unit in accordance with the home plans provided in the packet. Any proposed house construction by any other builder, or any significant change in the house models to be constructed, will require Village review and approval, in accordance with Village Code.”

DISCUSSION: The petitioner is the contract purchaser of the remaining 21 lots in the north half of the subdivision. Previously Lots 2, 3, 25, 26, and 29 were purchased by other parties and are not part of this proposal. Lot 29 received Village Board approval in July 2013, for a ranch style home to be built by an individual homeowner.

DISCUSSION: (Continued)

The petitioner is proposing to offer five home plans in the subdivision ranging from 2,454-3,388 square feet as the base models with each plan offering 3-5 distinct elevations. The elevations are proposed to be a combination of brick, stone, hardie board, or other high quality materials. Based on the specific elevation selected, a combination of materials may be utilized to complete the front elevation. The petitioner has stated that the footprint of their proposed models should allow them to adhere to the tree preservation plan.

The lots under consideration are still bound by the original approvals for the Devonshire Woods Estates Subdivision with respect to tree preservation, landscaping, and all conditions of approval. Additionally, the lots are subject to the Disclosure Statement dated September 12, 2011, that was part of the Settlement Agreement between the Village and the bank that owns the overall property.

The Settlement Agreement does state that “the homes must have brick on a minimum of 100% of the non-garage elevation. The brick must wrap around the corner of the home.” The intent of this provision was to allow the Village to have a high standard of materials as the starting point and prevent lower quality materials from being considered. As an example, the home on Lot 29 previously approved in July 2013, had a combination of stone and brick as the main components of the front facade. The petitioner is proposing a combination of high quality materials on various elevations they offer, but they would not be all brick. This allows for a better mix of homes and provides a more visually interesting streetscape.

RECOMMENDATION:

The request will need to be formally reviewed by the Planning and Zoning Commission as a site plan amendment, however, the petitioner is seeking informal input from this Committee prior to proceeding with the formal application process with respect to home sizes and style of architecture.

Materials presented for courtesy review only.

Attachments

cc: Planning and Zoning Commission Members
Erik Peterson (DRH Cambridge Homes Inc.)

VILLAGE OF HOFFMAN ESTATES
1900 Hassell Road
Hoffman Estates, Illinois 60169

REQUEST FOR COURTESY REVIEW
PLANNING, BUILDING AND ZONING COMMITTEE OF THE VILLAGE BOARD

A petitioner may appear before the Planning, Building and Zoning Committee of the Village Board to make a brief "Courtesy" presentation of a proposed project. Expert witnesses, exhibits, etc. are not required, as the appearance is only intended to provide a general overview of the proposed project. The presentation should occur prior to initial Planning and Zoning Commission review of the proposal.

A Courtesy Review allows the applicant to acquaint the Board Committee with the proposal. The Committee may ask questions or make comments on the presentation, however, the presentation does not constitute an official review by the Village Board and any direction to proceed to a hearing review should not be construed as any indication of future project approval. Formal Village Board action will occur only after the appropriate Planning and Zoning Commission public review has occurred.

Twenty (20) copies of a site plan (preferably 8½" x 11"), a brief description of the project, and the *Statement of Understanding* (below) should be submitted to the Director of Planning approximately two weeks prior to the meeting. Meetings are typically held on the second Monday of the month, beginning at 7:00 p.m. A Village staff member will work with you regarding the submission of material and the meeting presentation, as well as establishing a meeting date. Should you have any questions regarding this process, please call the Planning Division at 847-781-2660.

Statement of Understanding

I understand my appearance before the Planning, Building and Zoning Committee shall not constitute any Village Board endorsement, support, or implied approval of the subject property. I also understand that final project approval or denial shall only occur through official Village Board action.



Signature

Erik Peterson

Name (PLEASE PRINT)

Company/Developer: DRH Cambridge Homes Inc.

Address: 800 S. Milwaukee Ave. Suite 250

City, State, Zip Code: Libertyville, Illinois 60048

Telephone Number: 847-984-4609

Email Address: ewpeterson@drhorton.com

Name of Project: Devonshire Woods

Date: 8/19/13



August 19, 2013

Mr. James Donahue
Senior Village Planner
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, Illinois 60169

Re: Devonshire Woods

Dear Mr. Donahue,

DRH Cambridge Homes Inc. is the contract purchaser of 21 vacant single family lots in Phase 1 of the Devonshire Woods community in Hoffman Estates. We anticipate building the following five home plans.

The Dartmouth – 2,454 sq.ft (Ranch)

The Tuscan – 2,475 sq.ft

The Cascade – 2,680 sq.ft

The Saratoga – 2,973 sq.ft

The Ellsworth – 3,388 sq.ft

Today's market demands a home that is high in energy efficiency, which is why all of our homes are built to achieve Energy Star certification. We have designed a home that includes value-adding energy efficiency features and components, and the best combination of materials and equipment that will work together to deliver better performance.

Flexible living space design is a high demand feature with today's discerning and conscientious home buyer. Our homes provide multiple ways to customize room additions and layouts, to best fit the needs of the individual while eliminating inefficient space within the home.

All five homes we are seeking approval for have a square footage range of 2,454 – 3,388 and each plan offers three to five distinct elevations. These homes will add to the exclusive feel of the community and further enhance the architectural diversity of the neighborhood. We will adhere to the current tree preservation guidelines and trust that the footprint of our homes will easily allow us to do so.

Builder Background:

For over 45 years DRH Cambridge Homes has been building communities across the Chicagoland area. Founded as Cambridge Homes by Richard J Brown back in the 1960's, the company grew to become the most well-known and reputable builder in the area. This attracted the eye of one of the nation's largest public builders, and in 1999 D.R. Horton Builders acquired Cambridge Homes as their Chicago Division.

Today, D.R. Horton continues to demonstrate its leadership in residential development through design innovation, superior craftsmanship, and responsiveness to the needs of its customers. Named America's #1 Homebuilder for the 11th year in a row by Builder Magazine, D. R. Horton continues to achieve success in 77 markets across 28 states.

Although it's been almost 10 years since our last community Winding Trails was completed, we aspire to duplicate the same kind of success and pride of ownership at Devonshire Woods. We look forward to continuing our cooperative relationship with the Village of Hoffman Estates and to a smooth, collaborative approval process.

Sincerely,

A handwritten signature in blue ink that reads "Erik Peterson". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

Erik Peterson – Land Acquisition

FINAL PLAT OF SUBDIVISION DEVONSHIRE WOODS ESTATES

0720615092

Z-P

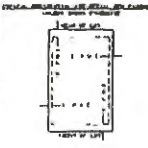
1



LOCATION MAP



SCALE



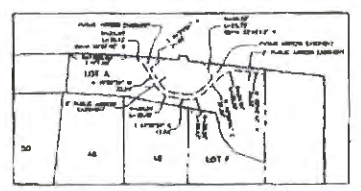
LOT AREA TABLE (IN SQUARE FEET)

LOT NO.	AREA (SQ. FT.)
1	10,000
2	12,500
3	8,000
4	15,000
5	9,500
6	11,000
7	13,500
8	7,500
9	14,000
10	10,500
11	12,000
12	16,000
13	11,500
14	13,000
15	9,000
16	14,500
17	10,000
18	12,500
19	8,500
20	15,500
21	11,000
22	13,500
23	7,000
24	14,000
25	10,500
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45	9,000
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92	10,000
93	12,500
94	8,000
95	15,000
96	11,000
97	13,500
98	7,500
99	14,000
100	10,500

LEGEND

—	Center Line
—	Right-of-Way Line
—	Lot Line
—	Subdivision Boundary
—	Proposed Street
—	Proposed Lane
—	Proposed Drive
—	Proposed Alley
—	Proposed Parkway
—	Proposed Boulevard
—	Proposed Court
—	Proposed Road
—	Proposed Highway
—	Proposed Expressway
—	Proposed Freeway
—	Proposed Interstate

NOTES:
1. ALL RECORDS SHOW AS PER THIS PLAN AND AS NOTED THEREIN.
2. ALL RECORDS SHOW AS PER THIS PLAN AND AS NOTED THEREIN.
3. ALL RECORDS SHOW AS PER THIS PLAN AND AS NOTED THEREIN.
4. ALL RECORDS SHOW AS PER THIS PLAN AND AS NOTED THEREIN.



PUBLIC ACCESS EASEMENT DETAIL

LAY OUT BY: [Name]
CHECKED BY: [Name]
DATE: [Date]

REVISIONS
NO. DATE BY

DEVONSHIRE WOODS ESTATES HOFFMAN ESTATES, ILLINOIS	FINAL PLAT OF SUBDIVISION	SURVEY FILE
PROJECT NO. 0720615092		SHEET 1
DATE 01/08/02		SCALE 1"=80'
DRAWN BY [Name]		CHECKED BY [Name]

Hoffman Estates - Devonshire Woods

Lot #	Pin #	Address
1	06-08-101-007	1714 White Spruce Dr, Hoffman Estates, IL 60192
27	06-08-211-011	1688 Pondview Dr, Hoffman Estates, IL 60192
30	06-08-211-014	1664 Pondview Dr, Hoffman Estates, IL 60192
31	06-08-211-015	1658 Pondview Dr, Hoffman Estates, IL 60192
32	06-08-211-016	1652 Pondview Dr, Hoffman Estates, IL 60192
33	06-08-211-017	1653 Pondview Dr, Hoffman Estates, IL 60192
34	06-08-211-018	1659 Pondview Dr, Hoffman Estates, IL 60192
35	06-08-211-019	1665 Pondview Dr, Hoffman Estates, IL 60192
37	06-08-211-021	1663 Hickory Dr, Hoffman Estates, IL 60192
39	06-08-206-009	1676 Hickory Dr, Hoffman Estates, IL 60192
44	06-08-206-014	1701 Pondview Dr, Hoffman Estates, IL 60192
45	06-08-206-015	1707 Pondview Dr, Hoffman Estates, IL 60192
47	06-08-206-017	1682 Hickory Dr, Hoffman Estates, IL 60192
48	06-08-120-001	5836 Bur Oak Dr, Hoffman Estates, IL 60192
49	06-08-120-002	5844 Bur Oak Dr, Hoffman Estates, IL 60192
50	06-08-120-003	5852 Bur Oak Dr, Hoffman Estates, IL 60192
51	06-08-120-004	5860 Bur Oak Dr, Hoffman Estates, IL 60192
52	06-08-120-005	5868 Bur Oak Dr, Hoffman Estates, IL 60192
53	06-08-120-006	5874 Bur Oak Dr, Hoffman Estates, IL 60192
54	06-08-120-007	1711 White Spruce Dr, Hoffman Estates, IL 60192
55	06-08-120-008	1721 White Spruce Dr, Hoffman Estates, IL 60192



2454-B



2454-C



2454-D

Dartmouth - 2,454 sq/ft

D·R·HORTON DHI
NASDAQ
NYSE
America's Builder



FRONT ELEVATION 'B'

2454-B



FRONT ELEVATION 'C'

2454-C



FRONT ELEVATION 'D'

2454-D

Dartmouth - 2,454 sq/ft

D·R·HORTON DHI
NYSE
America's Builder

Dartmouth - 2454





2475-B



2475-C



2475-D



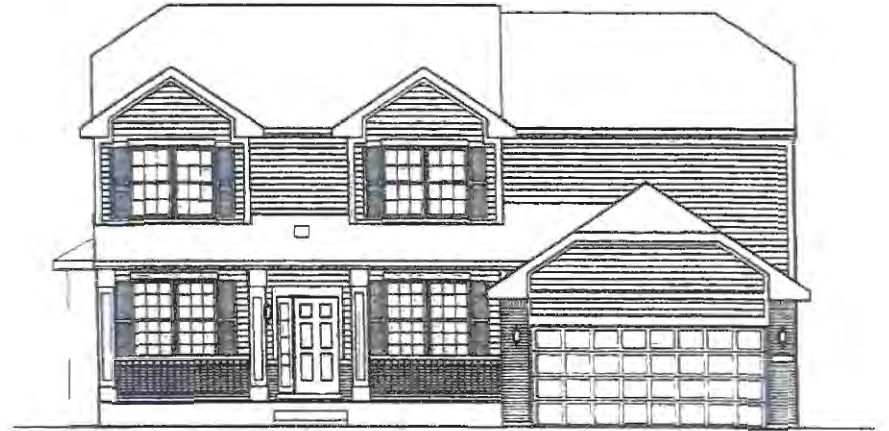
2475-E

Tuscan-2,475 sq/ft

D·R·HORTON DHI
NASDAQ
NYSE
America's Builder



ELEVATION 'B'



ELEVATION 'C'



ELEVATION 'D'

2475



ELEVATION 'E'



2680-B



2680-C



2680-D



2680-E

Cascade-2,680 sq/ft

D·R·HORTON DHI
NYSE
America's Builder



Elevation B

scale: 1/4" = 1'-0"



Elevation C

scale: 1/4" = 1'-0"



Elevation D

scale: 1/4" = 1'-0"



Elevation E

scale: 1/4" = 1'-0"

Cascade - 2680





2973-B



2973-C



2973-D



2973-E

Saratoga-2,973 sq/ft

D·R·HORTON DHI
NYSE
America's Builder



Elevation B

scale: 1/4" = 1'-0"



Elevation C

scale: 1/4" = 1'-0"



Elevation D

scale: 1/4" = 1'-0"



Elevation E

scale: 1/4" = 1'-0"

2973



3388-B



3388-C



3388-D



3388-E



3388-F

Ellsworth - 3,388sq/ft

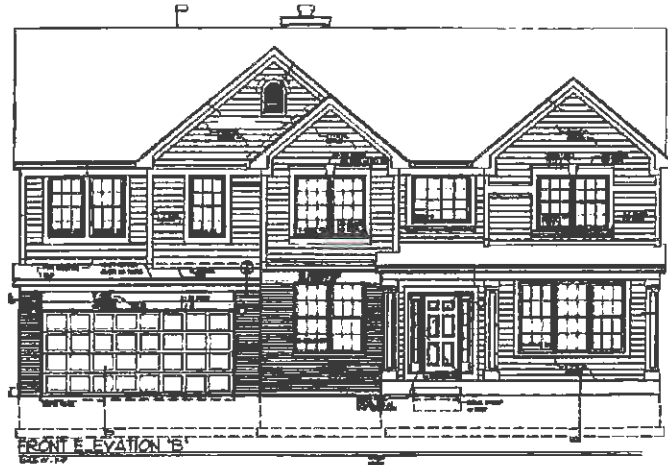
D·R·HORTON DHI
NYSE
America's Builder

Ellsworth - 3388

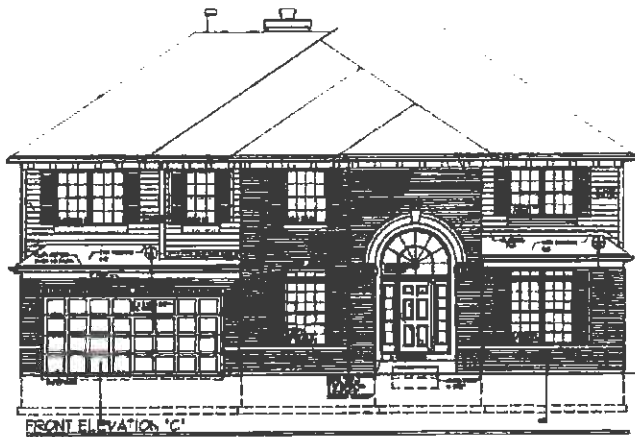


Ellsworth - 3388

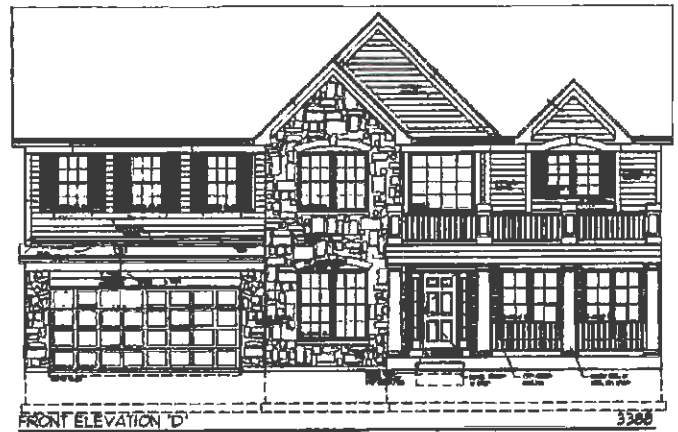




3388-B



3388-C



3388-D



3388-E



3388-F

Ellsworth - 3,388sq/ft

D·R·HORTON DHI
NYSE
America's Builder

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Discussion regarding Village contribution in 2014 to assist with creation of a formal Golden Corridor Manufacturing Group

MEETING DATE: August 26, 2013

COMMITTEE: Planning, Building and Zoning

FROM: James H. Norris, Village Manager

Mark Mark Koplin, Asst. Village Manager-Development Services
Gary Skoog, Manufacturing Grant Administrator

REQUEST: Discussion regarding Village contribution in 2014 to assist with creation of a formal Golden Corridor Manufacturing Group (GCMG).

BACKGROUND: A binder with background information and the history of the GCMG was placed in the Trustees Office on August 22. A loosely knit group began meeting four years ago as a regional attempt to create a sustainable workforce, change the perception of manufacturing jobs, and strengthen the manufacturing sector along the I-90 "Golden Corridor". Area manufacturers and toolmakers expressed their need to find qualified workers, not only to hire today, but over the next ten years when many of the current (aging) workforce retires.

Over the past four years Hoffman Estates and Schaumburg have worked together to create and sustain the GCMG. In 2013, Hoffman Estates was awarded a grant from CMAP to accomplish the following objectives for the GCMG:

- ◆ Conduct an existing conditions report to identify existing manufacturing clusters along the corridor.
- ◆ Survey companies and educational institutions to determine existing and future training needs and who is conducting training.
- ◆ Develop marketing materials to assist in promoting manufacturing careers to multiple target audiences.
- ◆ Research existing models to determine the viability of a more formal and sustainable non-profit manufacturing organization (GCMG).

BACKGROUND: (Continued)

The Chicago Metropolitan Agency for Planning (CMAP) report on the existing conditions of manufacturing (attached) demonstrates the regional need to support the largest industry (11% of employment) along the corridor. In addition, the manufacturing core industry represents 85,500 jobs, but is augmented by suppliers, support industries (e.g. transportation), and customers to increase the total employment figure to 130,000. However, core industry employment dropped by 15% from 2002-2012. Some of that is due to advancements in technology, but according to the companies in the corridor, much of it is because of a skills gap in the marketplace. Simply stated, they cannot fill existing positions with qualified/trained workers.

The GCMG has worked well together, even among competing companies, looking at the big picture of filling the worker pipeline with qualified workers now and in the future. The current group of manufacturers, municipalities, and educators has been informal, with no monetary dues or formal structure. The group now needs to gain corporate non-profit status or join an existing non-profit in order to make this critical industrial cluster sustainable to grow a qualified workforce in order to thrive and survive.

DISCUSSION:

The private sector companies approached municipalities to explore the viability of formalizing the structure and sustaining the GCMG long term. The ultimate goal of this organization would be to continue the collaboration of the private sector, secondary and post secondary education, and local government to establish one of the best manufacturing training programs in the United States. The Golden Corridor has had steady accomplishments over the past four years, but is now at a crossroads to determine its direction going forward.

The participating companies (letters attached), are requesting a commitment of matching funds once they gain a commitment for private funding. As municipal governments organized the creation of the GCMG, we now propose to provide a limited amount of start-up funding to be matched or exceeded by the private sector companies' financial commitment. With this funding, the GCMG will incorporate as an entity, likely a non-profit organization, to sustain current activity. The companies requested Hoffman Estates and Schaumburg to match dollars, not to exceed \$10,000 each. Other municipalities are also considering the request.

Expanding efforts will require staffing, which will be the majority of a budget just like a municipality or similar agency. Dollars will also be needed for marketing materials, creating a website, sponsoring outreach to students, such as fieldtrips and a host of other line items in a budget. This organization will continue and expand the events of the past four years, strengthening companies like DMG Mori Seiki, BIG Kaiser, FANUC, and other along the I-90 corridor, working with school districts, community colleges, and economic development departments and agencies.

The "health" of the corridor, with stronger companies and ample qualified workers will be attractive to and entice new companies to locate in Hoffman Estates and the corridor, which strengthens both the local and regional economy.

DISCUSSION: (Continued)

This municipal funding will be contingent on the private sector's financial contribution of an equal amount or greater, as Hoffman Estates and Schaumburg's shared financial commitment. The municipal revenue commitment could be included in the 2014 budget, and allocated only upon the financial commitment by the GCMG companies.

Each community will address this request now to allow time to include in the 2014 budget, and give the companies time to finalize their contributions.

It is our mutual desire to sustain and grow the manufacturing and toolmaking cluster in our region. From past collaboration, we believe this strategy to be in the best interest of the GCMG communities, businesses, and future workforce.

RECOMMENDATION:

For discussion purposes, and if so directed, staff will include \$10,000 in the 2014 budget for the Golden Corridor Manufacturing Group with the actual contribution dependent upon private sector matching funds.

Attachments

August 9, 2013

Mr. Jim Norris
Village Manager
Village of Hoffman Estates
1900 Hassell Rd
Hoffman Estates, Illinois 60169

Received

AUG 13 2013

Office of Village Mgt.
Hoffman Estates

Dear Mr. Norris,

As an active member of the Golden Corridor Manufacturing Group, I have appreciated the Village's support as our organization of toolmakers and manufactures has tried to change the perception of manufacturing in the region.

We have held open house events, sponsored sending students to manufacturing trades shows, helped to start and support a new high-tech manufacturing program at Harper Community College, and made videos about manufacturing on U Tube. In short, we have made solid progress working with higher education, fellow manufacturers, and with your municipal government.

The Golden Corridor Manufacturing Group has been an informal organization since its inception four years ago and is now ready to formalize our efforts. Our goal is become a more sustainable and formal organization in order for us to develop this area as one of the premier training centers for Engineers and Machine Operators in the United States.

Providing the education is fundamental to opening the doors for these much needed manufacturing job skill sets. In order to continue our collaborative efforts with the local toolmakers and manufactures for this education we would appreciate any "start - up" funding and support the village would consider. Should you have any questions, I can be reached at 847-898-5411 or msturwold@fanucamerica.com.

Sincerely,



Mark Sturwold
FANUC America Corporation
General Manager, Corporate Business Administration



2600 Huntington Blvd.
Hoffman Estates, IL 60192
Tel: (847) 228-7660
Fax: (847) 228-0881
www.bigkaiser.com

Received

August 06, 2013

AUG 09 2013

Mr. Jim Norris, Village Manager
Village of Hoffman Estates
1900 Hassell Rd.
Hoffman Estates, IL 60169

Office of Village Mgr.
Hoffman Estates

Dear Mr. Norris:

As an active member of the Golden Corridor Manufacturing Group, I have appreciated the Village's support as our organization of toolmakers and manufacturers has tried to change the perception of manufacturing in our region.

We have held open house events, sponsored students to travel to manufacturing trade shows, helped to start and support a new hi-tech manufacturing program at Harper Community College, and made videos about manufacturing for YouTube. In short, we have made solid progress working with higher education, fellow manufacturers, and with you, municipal government.

To date, we have been an informal organization over the past four years. At this point in our history, we want to formalize our organization and intend to invest our private dollars to do so. As a member of the Golden Corridor, our company and other members request that the Village of Hoffman Estates match our contributions, up to \$10,000 per community (\$20,000 total), in the first quarter of 2014. Our goal is to make the Golden Corridor Manufacturing Group a more sustainable and formal organization in order for us to make this area one of the best training centers for engineers and machine operators in the United States.

The Golden Corridor Manufacturing Group appreciates your consideration of these "start-up" funds and commits to continue our collaboration with other toolmakers and manufacturers, secondary and post-secondary education, as well as governmental entities like yourself.

Sincerely,


Chris Kaiser
President/COO
BIG Kaiser Precision Tooling Inc.
2600 Huntington Blvd.
Hoffman Estates, IL 60192
Phone: 847-228-7660
Fax: 847-228-0881
Email: ckaiser@bigkaiser.com





August 1, 2013

Mr. Jim Norris
Village Manager
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, Illinois 60169

Received

AUG 05 2013

Office of Village Mgr.
Hoffman Estates

Dear Mr. Norris:

As an active member of the Golden Corridor Manufacturing Group, I have appreciated the Village's support as our organization of engineers, toolmakers and manufacturers has tried to change the perception of advanced manufacturing in our region.

We have held open house events, sponsored students to travel to manufacturing trade shows, helped to start and support a new advanced manufacturing program at Harper Community College, and made videos about manufacturing for YouTube. In short, we have made solid progress working with higher education, fellow manufacturers, and with you, municipal government.

To date, we have been an informal organization over the past four years. At this point in our history, we want to formalize our organization and intend to invest our private dollars to do so. As a member of the Golden Corridor, our company and other members request that the Village of Hoffman Estates match our contributions, up to \$10,000 per community (\$20,000 total), in the first quarter of 2014. Our goal is to make the Golden Corridor Manufacturing Group a more sustainable and formal organization in order for us to make this area one of the best training centers for engineers and machine operators in the United States.

The Golden Corridor Manufacturing Group appreciates your consideration of these "start-up" funds and commits to continue our collaboration with other engineering companies and manufacturers, secondary and post-secondary education, as well as governmental entities like yourself.

Sincerely,



Richard Gilchrist
President & CEO

Manufacturing in the Golden Corridor

August 2013

This report was prepared for the Golden Corridor Manufacturing Group by the
Chicago Metropolitan Agency for Planning (CMAP)

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Introduction

Beginning just west of O'Hare International Airport, the Golden Corridor runs along the stretch of Interstate 90 from Bensenville to Elgin and has become home to some of the world's most innovative manufacturers. Many local advantages, including proximity to an unrivaled transportation network and world renowned universities and research labs, have made the Golden Corridor an ideal location for manufacturers. Manufacturing is the largest segment of the Golden Corridor's economy and provides many local, regional, and national economic benefits. Technology and process innovations have helped manufacturers become more efficient and competitive, an important strength as nations across the world compete for industry. This new era of manufacturing depends on a supply of quality and skilled workers. Manufacturers have struggled to recruit future workers and the impacts of this will likely worsen as a large segment of the current manufacturing workforce is approaching retirement age. To address this problem, a group of employers, education institutions, local government, training providers, and other stakeholders known as the Golden Corridor Manufacturing Group (GCMG) have prioritized their resources towards strategies to reverse this issue.

This existing conditions report is a planning document created for the GCMG to guide their work. The goal is to provide a thorough understanding of the leading manufacturing industries, manufacturing jobs, and the training, education, and other workforce development resources already present. With this information, the GCMG will be able to target their efforts, strengthen existing linkages between education, training providers, and employers, and create new and innovative strategies to fill gaps.

Brief History of the Golden Corridor

In 1986, the Illinois General Assembly passed the Corridors of Opportunity and Development Act. Envisioned as the marketing arm of the state capital program, Build Illinois, it was intended to stimulate economic growth throughout the state in various industries, such as automobile, manufacturing, high technology, agriculture, and tourism. Under Governor James Thompson, the program focused on attracting business. Later, under Governor Jim Edgar, the focus shifted to business retention.

The Golden Corridor Council (GCC) was one of several corridor councils established. It was originally chaired by Ed Kelly, then executive vice president of the Elgin Area Chamber of Commerce. The group published a newsletter ("Opportunity"), conducted business surveys, organized tours for developers, and sponsored business-oriented seminars on topics such as workplace diversity, transportation and health-care costs. More importantly, as Kelly put it in a statement to the Chicago Tribune, the group "built up a dialogue for regional cooperation, from Elgin to O'Hare International Airport, to get towns to work together on common problems and to come up with solutions."



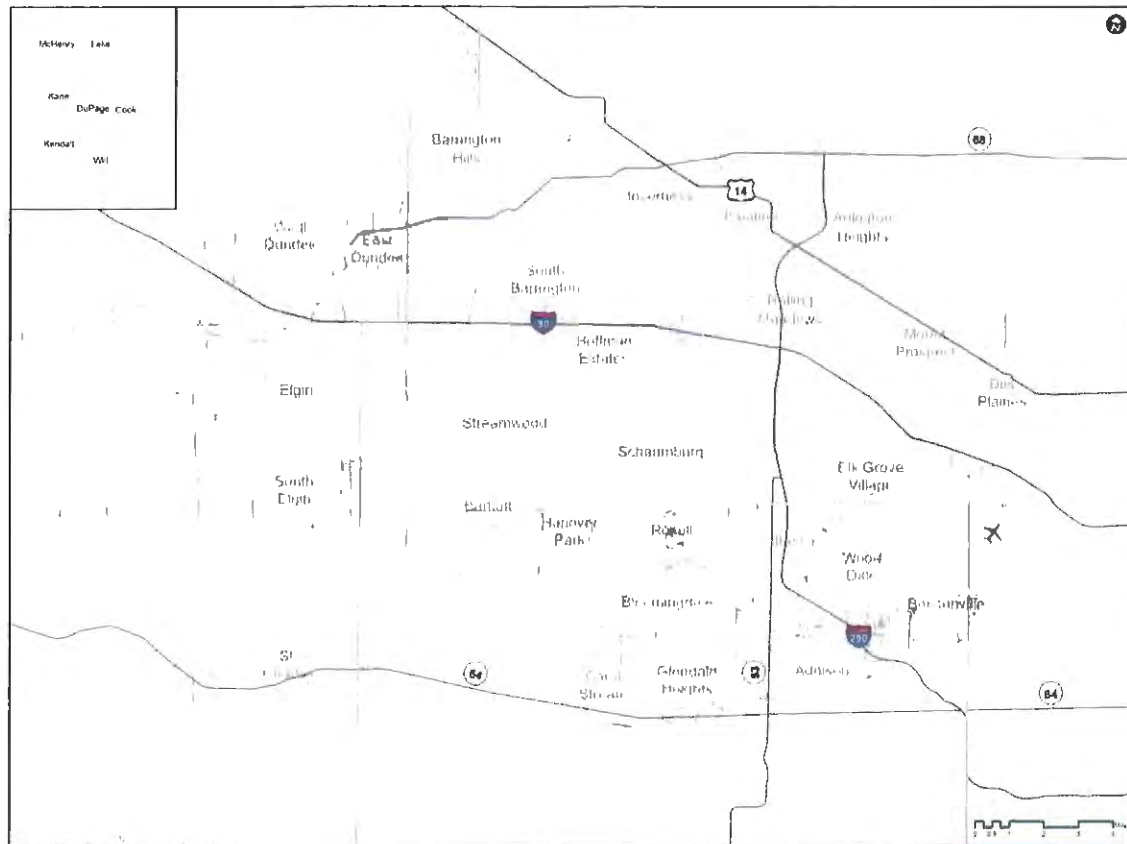
Six years later, amid a fiscal crisis, the program was eliminated from the state’s budget, and funding to the GCC as well as other councils was cut off. Having lost \$30,000 in state funding—roughly half its budget—the GCC could no longer operate. Kelly was quoted in the Chicago Tribune as saying, “I’m very sad about it. The Golden Corridor is a household word. It made its mark as a concept people can identify with.”

Though the council disbanded, the interest in collaboration, as well as the Golden Corridor’s identity and reputation as a place of growth, innovation, and entrepreneurship in the manufacturing sector remained. In recent years, there has been renewed interest in organizing and mobilizing the municipalities, businesses, schools, and other institutions in the Golden Corridor. A new partnership of companies and organizations called the Golden Corridor Manufacturing Group was formed in 2009. The group focuses on sparking interest in manufacturing careers, changing negative perceptions of the sector, and linking businesses to the skilled labor force they need. They meet on a quarterly basis, and hold events, such as open houses connecting students to employers and showcasing the opportunities for specialized and skilled positions in manufacturing.

The exact geographic area of the Golden Corridor is fairly fluid—instead of using political boundaries, the group has focused on where activity is concentrated and used highway boundaries to define the geography. For the purposes of data analysis, boundaries were required; the following map shows study area:



Golden Corridor Study Area



Profile of Golden Corridor Workers and Residents

According to the 2010 U.S. Census, the Golden Corridor has a population of 944,500. The Golden Corridor residents are mostly white (63 percent), however a significant group is Hispanic or Latino (20.1 percent), and a smaller but also sizeable group is Asian (11.5 percent). The Black or African-American population is quite small, at 3.5 percent. In terms of age, the Golden Corridor's population is evenly spread out across age cohorts and has a median age of 39. According to the 2007-11 American Community Survey, the median household income is \$79,021.

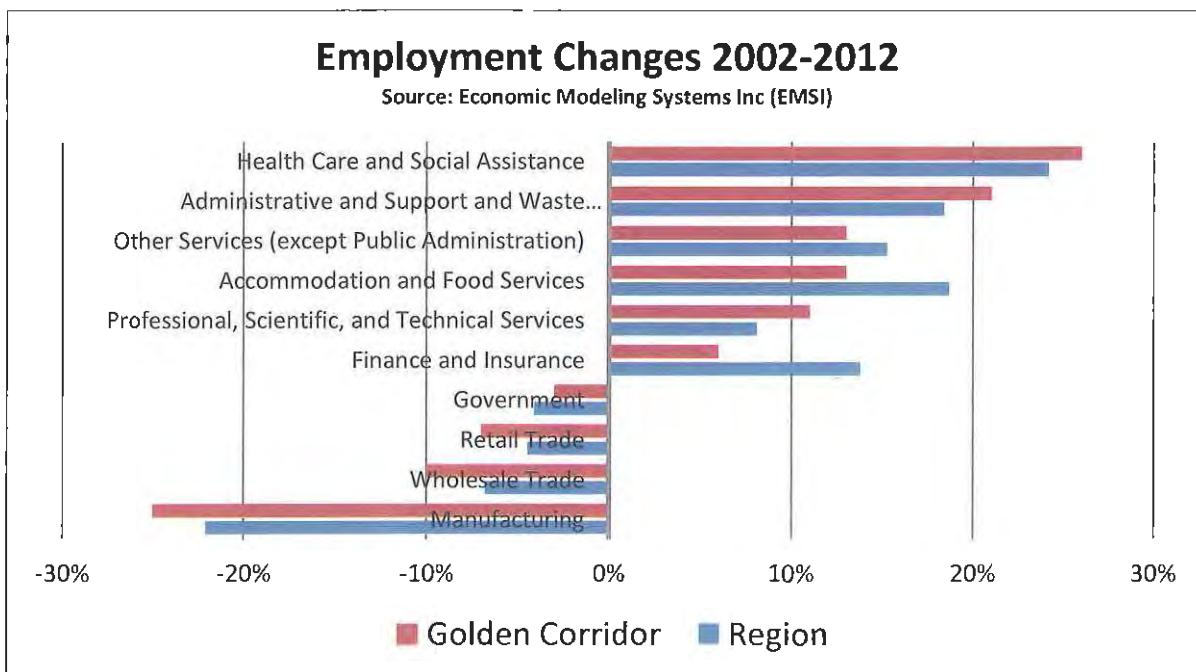
Most Golden Corridor residents who are 25 years and over have a high school diploma or higher (88.5 percent), and about a third (36.5 percent) have a Bachelor's degree or higher—these percentages closely mirror region wide education levels. While a significant percentage (28 percent) of Golden Corridor residents 16 years and over are not in the labor force, the unemployment rate among those in the labor force is 6.8 percent, lower than the region's unemployment rate of 9.8 percent. The top industries in the Golden Corridor are Manufacturing, Health Care and Social Assistance, and Retail Trade, which respectively employ 11.6 percent, 11.2 percent, and 10.7 percent of residents.



Commuting data shows that the number one employment location for Golden Corridor residents is Chicago, which accounts for 14 percent of all work destinations. The other top nine employment locations are within the Golden Corridor, and account for 30 percent of all work destinations. Commuting data for workers in the Golden Corridor follows similar patterns. Chicago is the number one residence location and the other top residence locations are in the Golden Corridor.

Regional Setting

Looking at the Golden Corridor’s employment trends within a regional context clarifies the corridor’s strengths. Comparing employment changes over the last decade shows that in most industries, employment increases were lower than regional growth, while declines in the corridor were greater than those regionally. Differences are particularly marked in Finance and Insurance, as well as Accommodation and Food Services. Important exceptions are Health Care and Social Assistance and Social Assistance, and Administrative and Support and Waste Management and Remediation Services; these industries had the most growth of all industries in the corridor, but had a greater growth rate in the corridor than in the region.



Overall, manufacturing had the greatest employment decline in the region and the Golden Corridor, but as this report will examine in detail, manufacturing remains a great strength. An analysis of manufacturing sub-sectors shows the Golden Corridor specializes in certain manufacturing industries, for example, the corridor has a uniquely high concentration of Printing and Related Support Activities, Electrical Equipment, Appliance and Component, and Fabricated Metal Product manufacturing.



The Manufacturing Cluster

The Golden Corridor Group focuses on manufacturing industries specifically and that is the focus of this existing conditions report. However, a broader understanding of the industries that are critical to the growth of manufacturing allows for more proactive planning and a comprehensive approach. Therefore, to better understand manufacturing we include a brief description of not only production activities but also the region's network of manufacturing suppliers, partners, investors, and customers—together these industries comprise the manufacturing *cluster*. This cluster approach reveals relationships between interdependent firms, calling attention to common resources and institutions while providing insights into the broader regional economy.

The region's manufacturing cluster was defined in the Chicago Metropolitan Agency for Planning (CMAP) manufacturing drill-down report and consists of four components. Core industries transform materials into new products through mechanical, physical, or chemical processes. Support industries provide R&D services to the core. Supply industries provide inputs necessary for production. Customer industries move goods through supply chains and into the market.



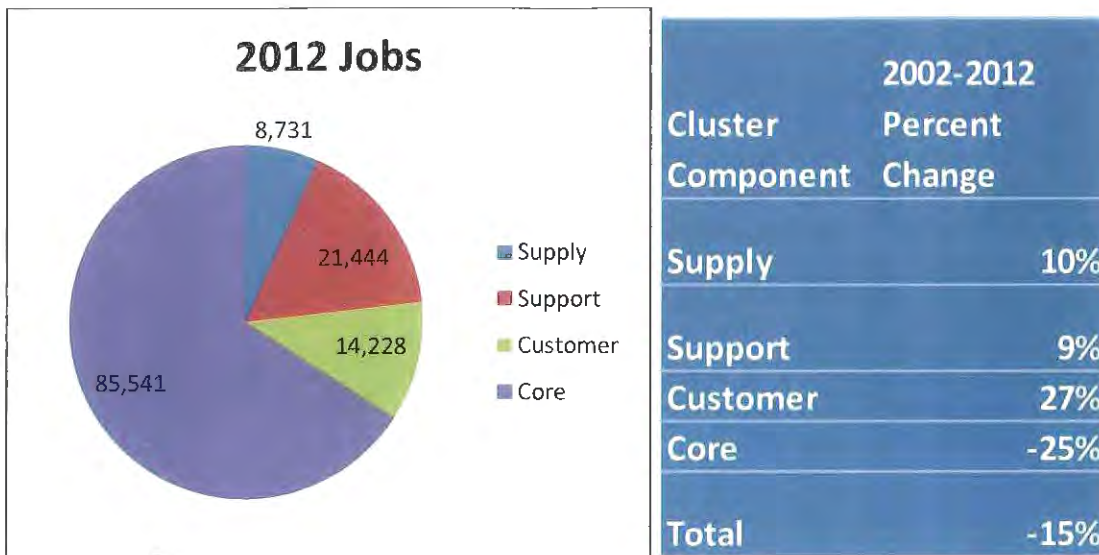
Manufacturing cluster components

● SUPPORT INDUSTRIES ● CUSTOMER INDUSTRIES ● CORE INDUSTRIES ● SUPPLY INDUSTRIES



According to Economic Modeling Systems Inc (EMSI), in 2012 there were nearly 130,000 jobs in the Golden Corridor’s manufacturing cluster, a 15 percent decrease from 2002 employment. Sixty-six percent of jobs are in the core (manufacturing), 16 percent in support, 11 percent in customer industries, and seven percent in the supply industries. Over the last decade, employment changes have varied greatly across each segment; customer industries grew by 27 percent while the core of the cluster shrank by 25 percent.



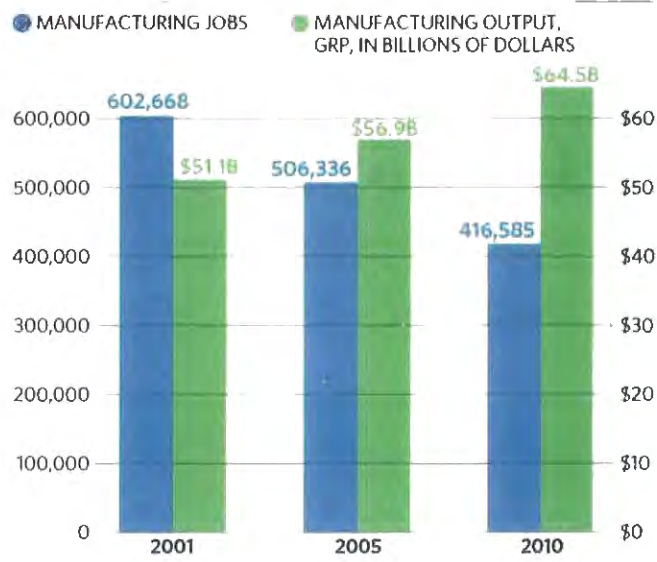


The Advanced Manufacturing Framework

As noted earlier, while employment in manufacturing has declined significantly, productivity has increased. The next decade of manufacturing will look fundamentally different from the previous decade. After years of global sourcing, many manufacturers are realizing that production in developing countries can introduce imprudent risks when the marketplace requires greater customization and faster turnarounds between design and production. Moreover, the vulnerability of intellectual property and increasing cost of wages and energy, especially in China, are erasing some of the cost advantages of producing overseas. As a result, more manufacturers are reinvesting and expanding operations in the U.S., which creates significant opportunities for the economy of metropolitan Chicago.

While many agree that advanced manufacturing will be essential for success in the 21st century economy, few have defined or measured exactly what advanced manufacturing entails. Through an extensive review of national, state, and regional studies on advanced manufacturing as well as interviews with key stakeholders and business leaders, CMAP has developed a "3P approach" -- **Product, Process, and People** -- to define the following characteristics of advanced manufacturing:

Core manufacturing productivity and employment change in the Chicago region, 2001-10



Note: Output measured in nominal dollars.
Source: Bureau of Economic Analysis, EMSI, CMAP analysis for the tri-state region

PRODUCT

Advanced manufacturing products are complex, innovative, and difficult to replicate.

PROCESS

Advanced manufacturing processes (regardless of end product) are continually improved to achieve new efficiencies and cost savings.

PEOPLE

Advanced manufacturing workers have specialized skills that maximize the commercial impact of these products and processes.

Using these 3P indicators, CMAP has created an Advanced Manufacturing Scorecard to rate the regional cluster's core industries. The Product indicator, based on work from the Brookings Institution, combines five metrics ranging from patent output to R&D intensity to show which industries are innovation leaders. The Process indicator uses the concept of "value added" to assess how much of a product's value comes from the manufacturing process instead of simply from raw materials or intermediate inputs. (A limitation of the Process indicator is that it may not capture all improvements achieved by lean manufacturers operating more as distributors and less as production firms.) Finally, the People indicator uses wages as a proxy for skills to show which industries demand high-skilled workers.



RANK	PRODUCT	PROCESS	PEOPLE	OVERALL RANK
1	COMPUTER/ ELECTRONICS 	PHARMA/ MEDICAL SUPPLY 	PHARMA/ MEDICAL SUPPLY 	PHARMA/ MEDICAL SUPPLY 
2	PHARMA/ MEDICAL SUPPLY 	COMPUTER/ ELECTRONICS 	COMPUTER/ ELECTRONICS 	COMPUTER/ ELECTRONICS 
3	MACHINERY 	FABRICATED METAL 	PRIMARY (METAL, NONMETALIC, PETRO/COAL) 	MACHINERY 
4	CHEMICALS, PLASTICS, RUBBER 	PAPER, PRINTING 	MACHINERY 	CHEMICALS, PLASTICS, RUBBER 
5	PAPER, PRINTING 	FURNITURE, APPAREL, OTHER 	CHEMICALS, PLASTICS, RUBBER 	FABRICATED METAL 
6	FABRICATED METAL 	MACHINERY 	FABRICATED METAL 	PAPER, PRINTING 
7	FURNITURE, APPAREL, OTHER 	FOOD, BEVERAGE 	PAPER, PRINTING 	PRIMARY (METAL, NONMETALIC, PETRO/COAL) 
8	PRIMARY (METAL, NONMETALIC, PETRO/COAL) 	CHEMICALS, PLASTICS, RUBBER 	FOOD, BEVERAGE 	FURNITURE, APPAREL, OTHER 
9	FOOD, BEVERAGE 	PRIMARY (METAL, NONMETALIC, PETRO/COAL) 	FURNITURE, APPAREL, OTHER 	FOOD, BEVERAGE 

Source: CMAP analysis, 2012

This framework is useful in understanding past trends and the potential future of specific manufacturing industries. This report examines specific manufacturing industries and this scorecard will be referred to in order to bolster the analysis and understanding of past trends the potential future.



Analysis of manufacturing in the Golden Corridor and use of the advanced manufacturing framework helps identify opportunities for growth in the Golden Corridor. Additionally, while the analysis focuses on manufacturing, using a cluster approach helps create effective and comprehensive strategies for growth. Significant changes in the global economy have made dramatic impacts on manufacturing and the industry will continue to evolve as the more modern manufacturing industries grow and the support, supply, and customer industries have an important role in this growth. For the Golden Corridor to continue to be a manufacturing center, employers, planners, education institutions, local government, and other stakeholders can use the advanced manufacturing and cluster framework to better recognize opportunities and needs.

The Golden Corridor Economy

With more than 85,000 employees, manufacturing is the Golden Corridor's largest industry but other industries have experienced notable employment gains over the last ten year. The second largest industry in the corridor, administrative and support and waste management and remediation services, has been growing after a steep drop between 2007 and 2009, and now employs approximately 70,000 people. In contrast to almost all other industries, which had at least a few years of decline in the last decade, health care and social assistance has demonstrated steady growth, and as of 2012 was the third largest industry in the corridor, employing about 69,000 people.

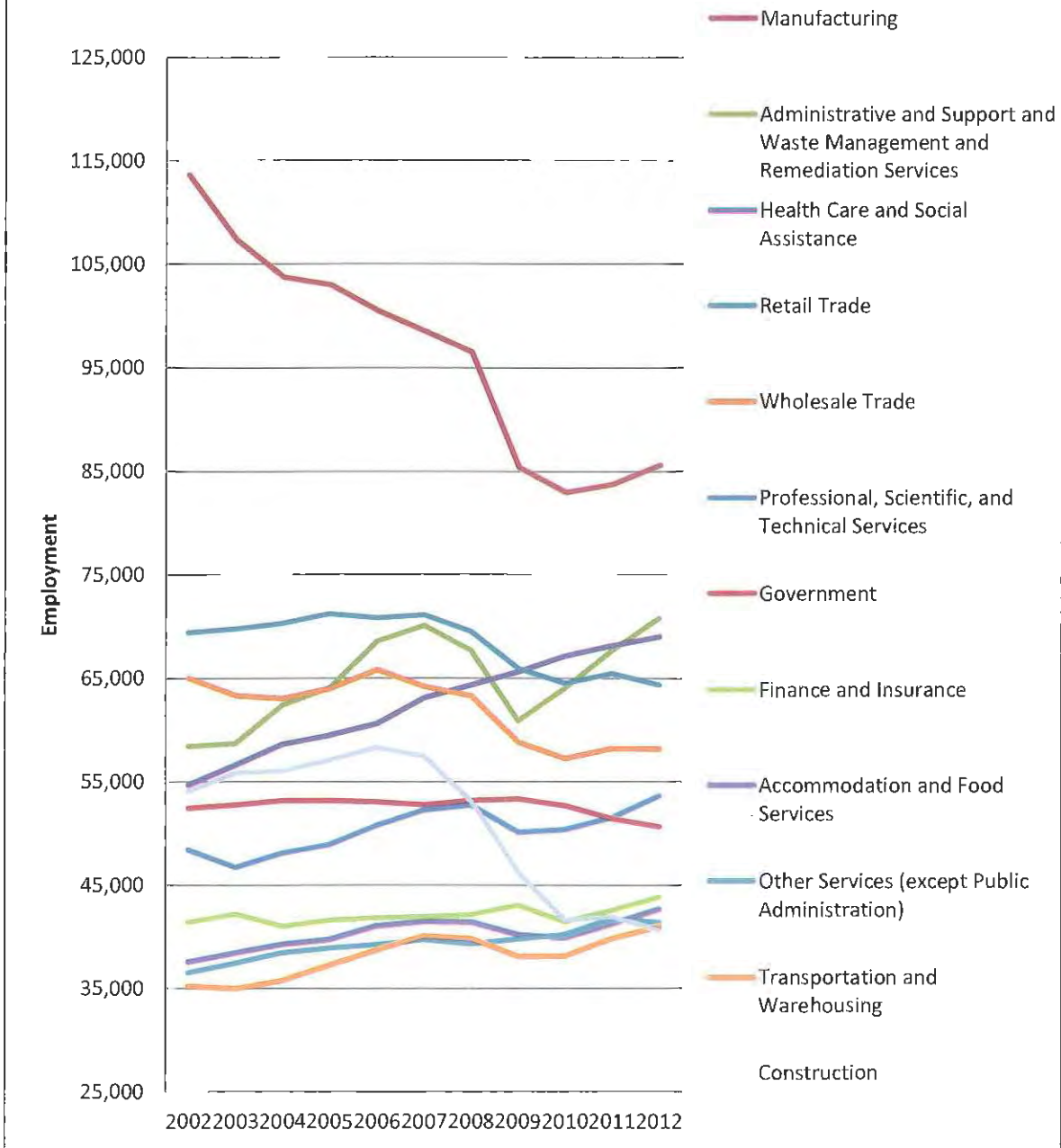
Though manufacturing continues to be the top employer by a notable margin, over the past ten years it has experienced significant decline in employment. In 2002 approximately 113,000 people worked in manufacturing and by 2012 about 28,000 manufacturing jobs were lost, representing a 25 percent decrease. This decline was not unique to the Golden Corridor-- manufacturing in the seven county region declined by 22 percent and nationally by 20 percent. This drop in employment is in part due to the impacts of globalization and reorganization, but job loss was exacerbated by the most recent recession--job loss was greatest from 2008-2009, with a 11.6 percent decrease. Job loss is also due to the shift towards more advanced manufacturing which, as described previously, utilize more efficient processes and therefore require fewer staff.

The following chart shows how employment levels have changed over the last decade in the major industry groups.



Industry Trends in the Golden Corridor

Source: Economic Modeling Systems Inc (EMSI)



Manufacturing in the Golden Corridor

Looking more closely at trends within manufacturing, it is clear that the industry has experienced significant changes over the last decade. The top five sub- industries as of 2002—



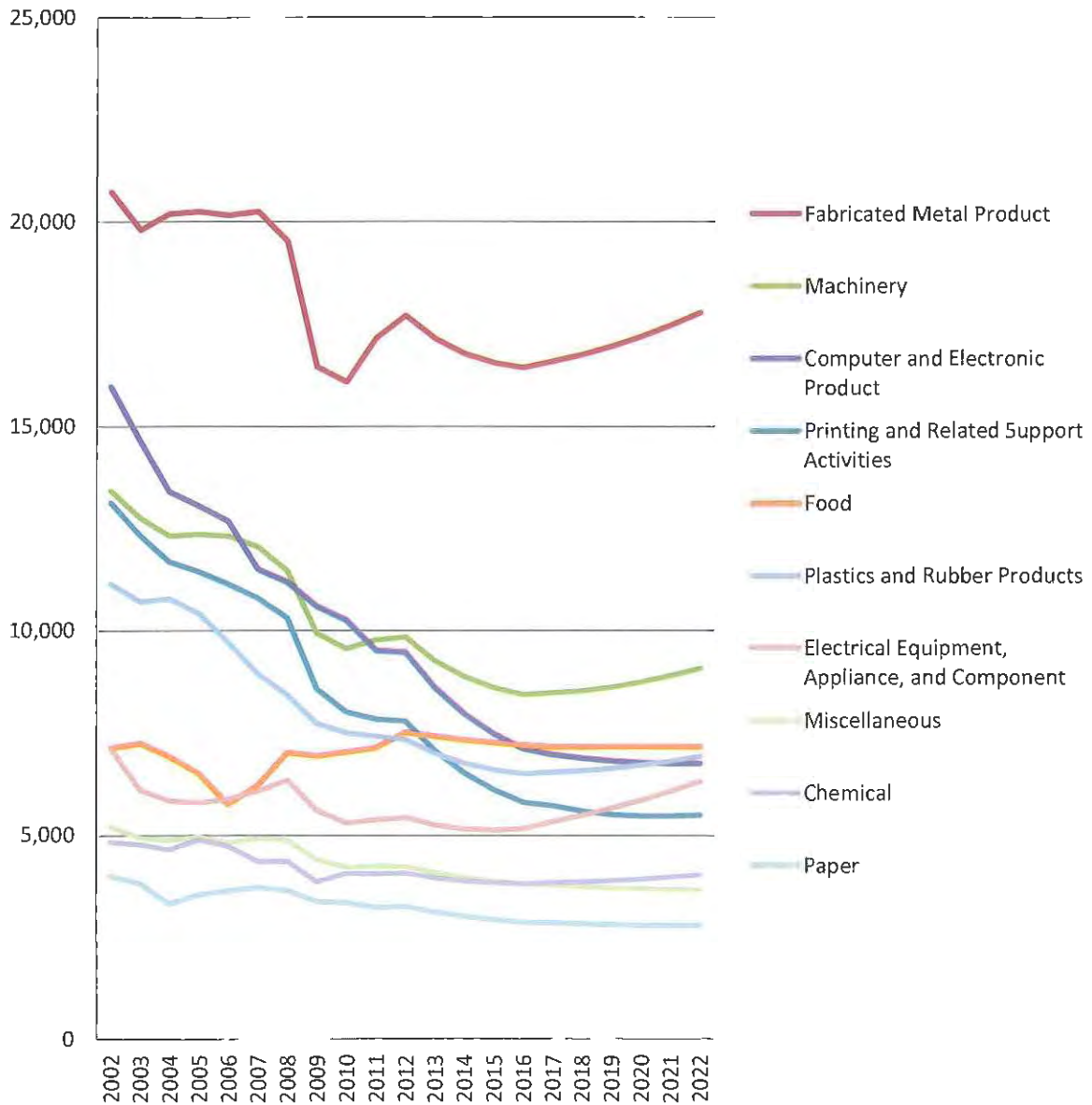
fabricated metal products, computer and electronic products, machinery, printing and related support activity, and chemical manufacturing—all experienced steep declines. Of these, only fabricated metal products has had any significant recovery of jobs, and while it continues to lead manufacturing in the corridor, it employs about 17 percent fewer people than it did in 2002. Over the last decade, food industries have become an important employer in the area, growing steadily since 2006 and now tying with chemical manufacturers for fifth largest employer in the corridor. In fact, it is the only manufacturing industry that had a net gain between 2002 and 2012.

Projections from EMSI estimate that there will be a net leveling off of job losses and even some growth in many manufacturing industries. Fabricated metal products are projected to continue to dominate in terms of employment, and despite some decline over the next few years, the industry is expected to have net growth when looking out to 2022. Machinery is also projected to decline over the next 3-5 years, but is expected to level off and even grow slightly after that, becoming the second largest industry in the Golden Corridor. The food industry is expected to stay about the same size over the next the next decade and, along with plastics and rubber products, and computer and electronic products, are projected to be the next largest industries in the Golden Corridor. Electrical equipment, appliance and component manufacturing is also expected to grow, coming in as the sixth largest industry in the corridor.



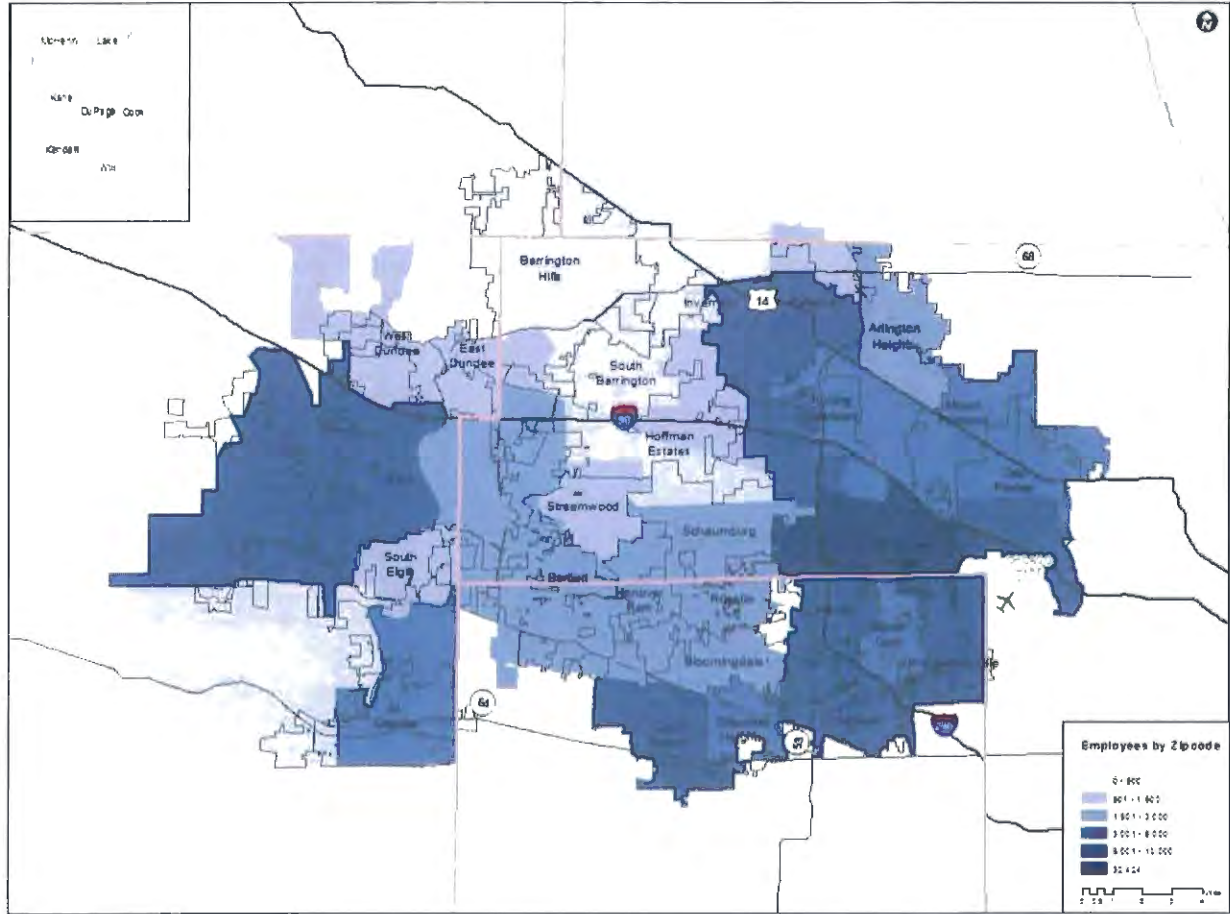
Manufacturing Employment Trends and Projections

Source: Economic Modeling Systems Inc (EMSI)



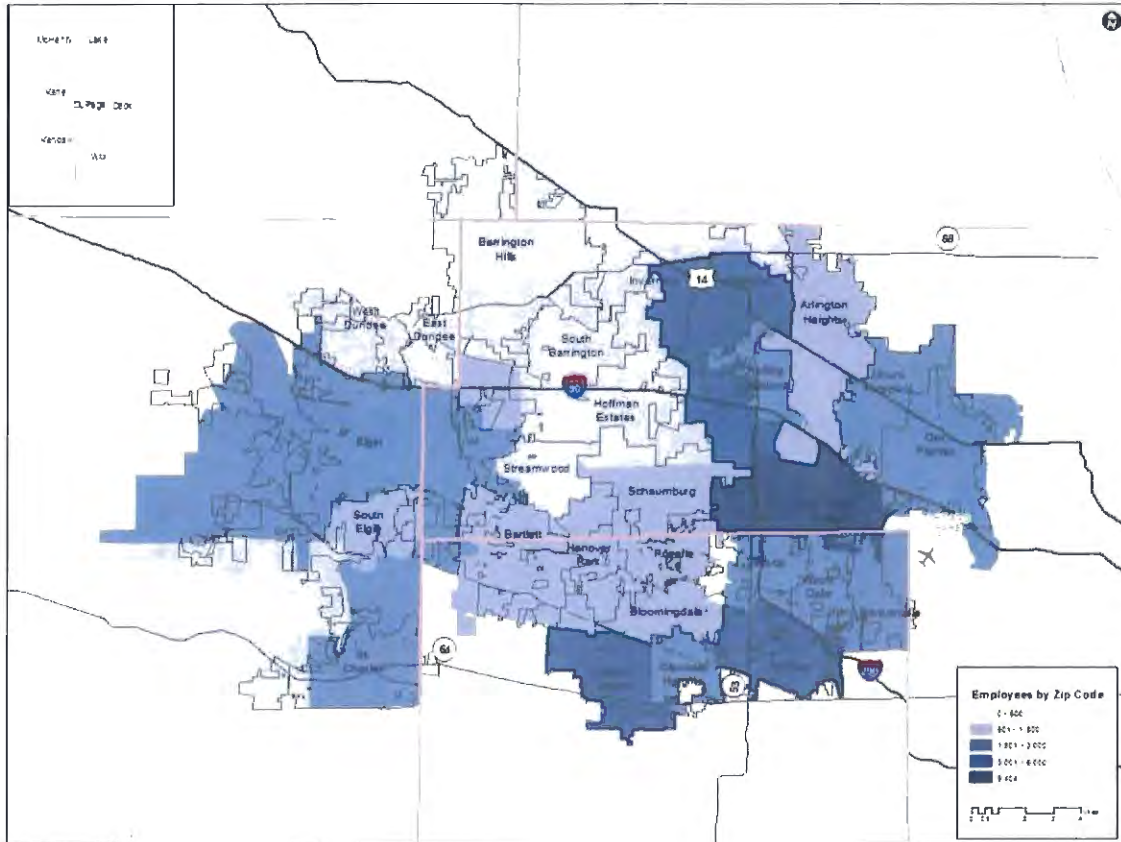
Mapping the location of manufacturing within the Golden Corridor helps further understand where activity is concentrated. The following maps show the concentration of manufacturing based on number of employees.

Manufacturing Employment in the Golden Corridor



While manufacturing is strong throughout the corridor, the eastern portion of the corridor is most robust. The dominance of the eastern portion is also evident when taking a closer look at the specific types of manufacturing. The corridor’s three largest manufacturing sub-sectors—fabricated metal product manufacturing, machinery manufacturing, and computer and electronic product manufacturing—are most concentrated in the eastern side, both in terms of number of businesses and number of employees.

Employment in Top Three Manufacturing Industries in the Golden Corridor



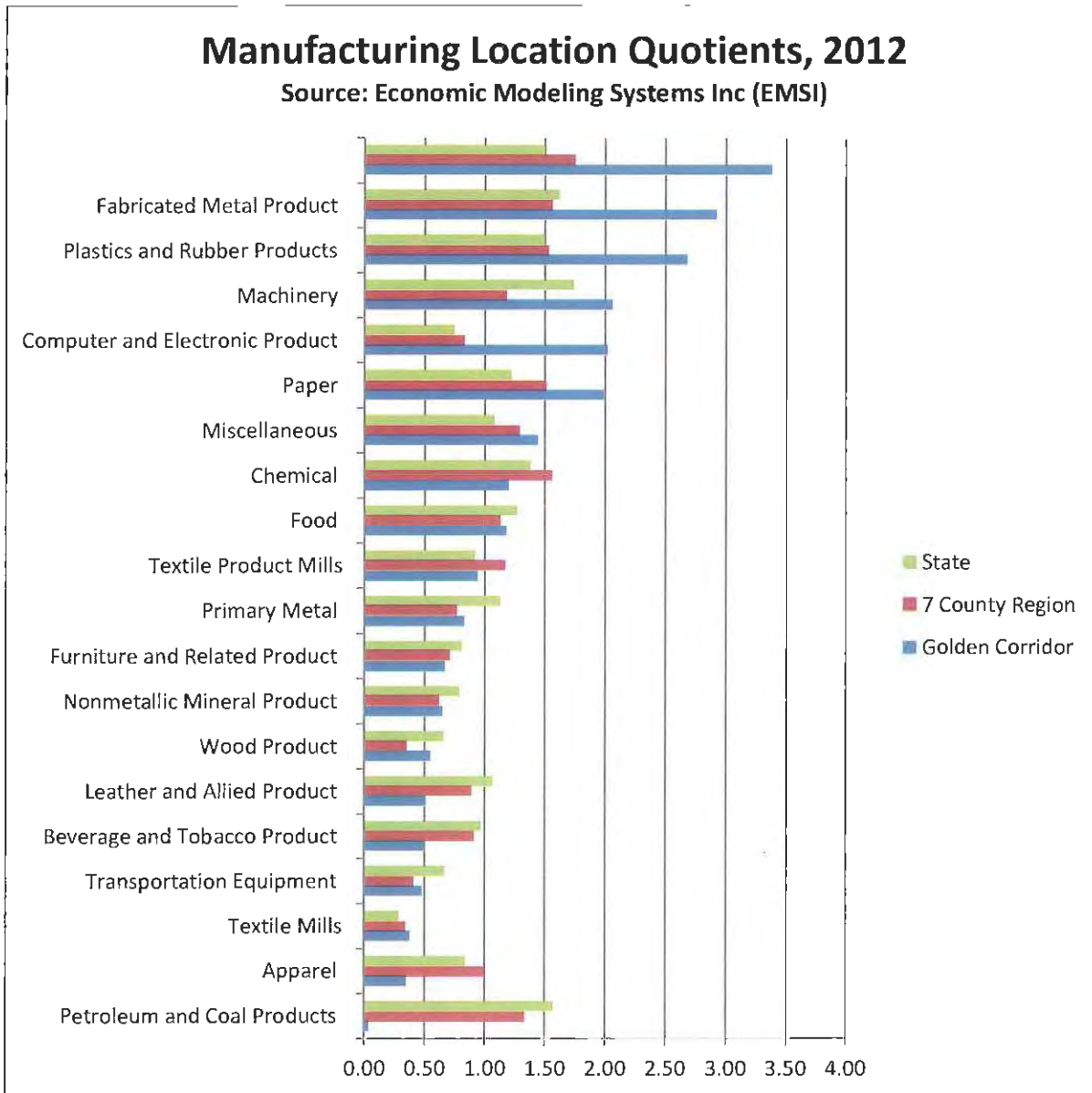
When looking at the different components of the industry cluster—core, supply, customer, and support—again, the eastern side of the corridor is very strong across the board. It is interesting to note that while there geographic overlap in terms of the concentration of core, supply, and customer industries, support industries differ slightly, and are more concentrated north of I-90.

Manufacturing Specializations in the Golden Corridor

Despite the overall declines in manufacturing over the last decade, it continues to be a specialization in the area, as indicated by the location quotient. The location quotient measures how concentrated an industry by comparing to national employment. If a geography has the same percent of employees in an industry as the percentage nationally, the location quotient is one. For example, if 10 percent of the local area’s employment is in food manufacturing, and 10 percent of the nation’s employment is in food manufacturing, the location quotient is one. A location quotient greater than one indicates the industry is more highly concentrated in the area, while a location quotient of less than one indicates the industry is underrepresented. Several types of manufacturing have location quotients much greater than one in the Golden Corridor, showing a significant concentration. The following table shows the 2012 location



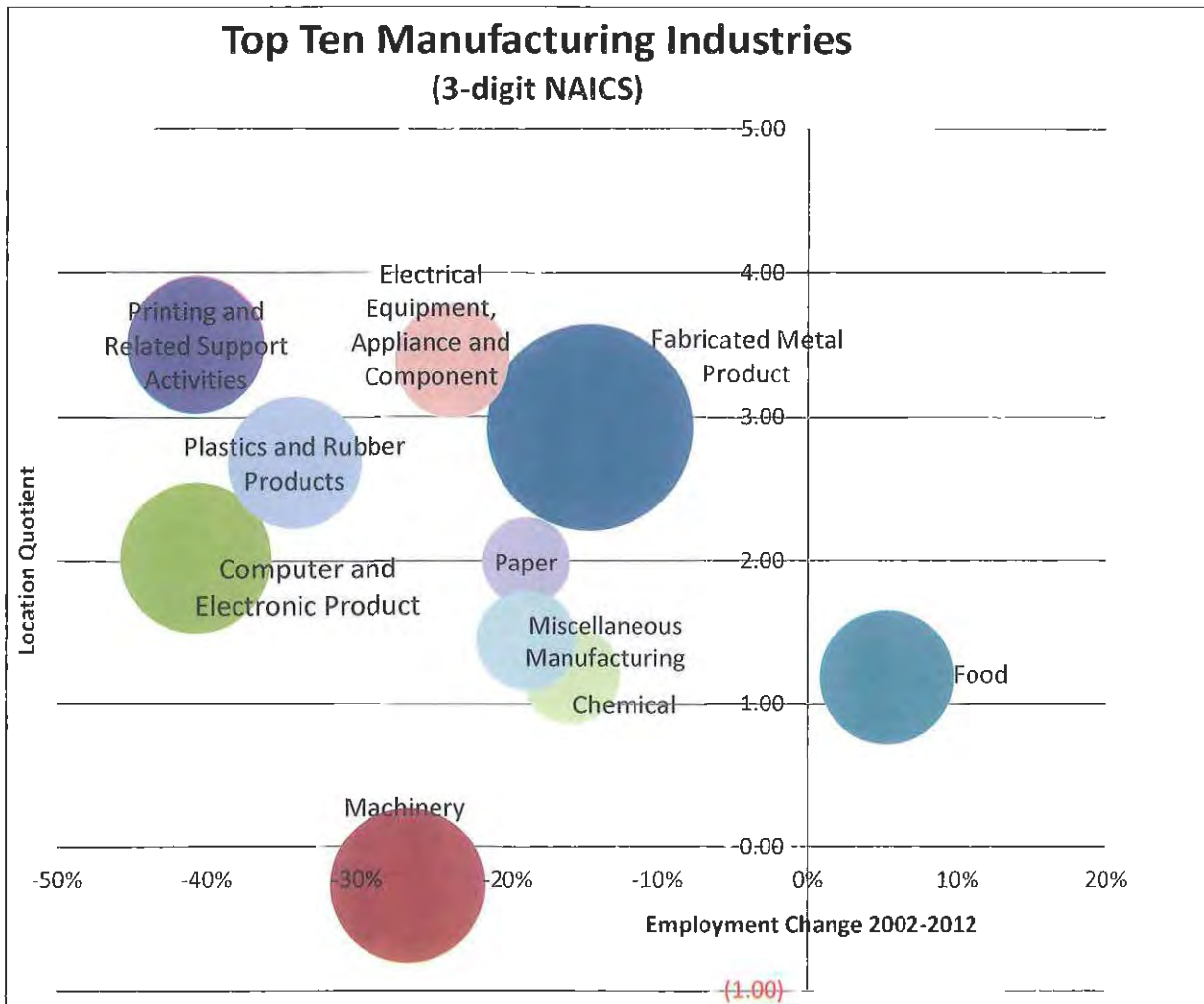
quotient of manufacturing in the Golden Corridor, the seven county region, and the State of Illinois.



The Golden Corridor dominates by a significant margin in several industries, not just nationally but also compared to the region and the state. Manufacturing in the Golden Corridor is diverse, but there are several specific industries that stand out due to size, notable shifts in employment, and above average representation. The following bubble chart shows the size of the ten largest manufacturing industries, how employment levels have changed over the last decade, and the location quotients. The size of the industry is shown in the size of the bubble; fabricated metal products, computer and electronic products, and food are the largest. The x-axis shows the



percent change in employment from 2002-2012; food manufacturing grew by 5 percent and was the only segment to grow. Printing and related support activities and computer and electronic product manufacturing both decreased the most—by 41 percent. The y-axis shows the location quotient; printing and related activities, electrical equipment, and fabricated metal manufacturing are the most specialized compared to national employment.

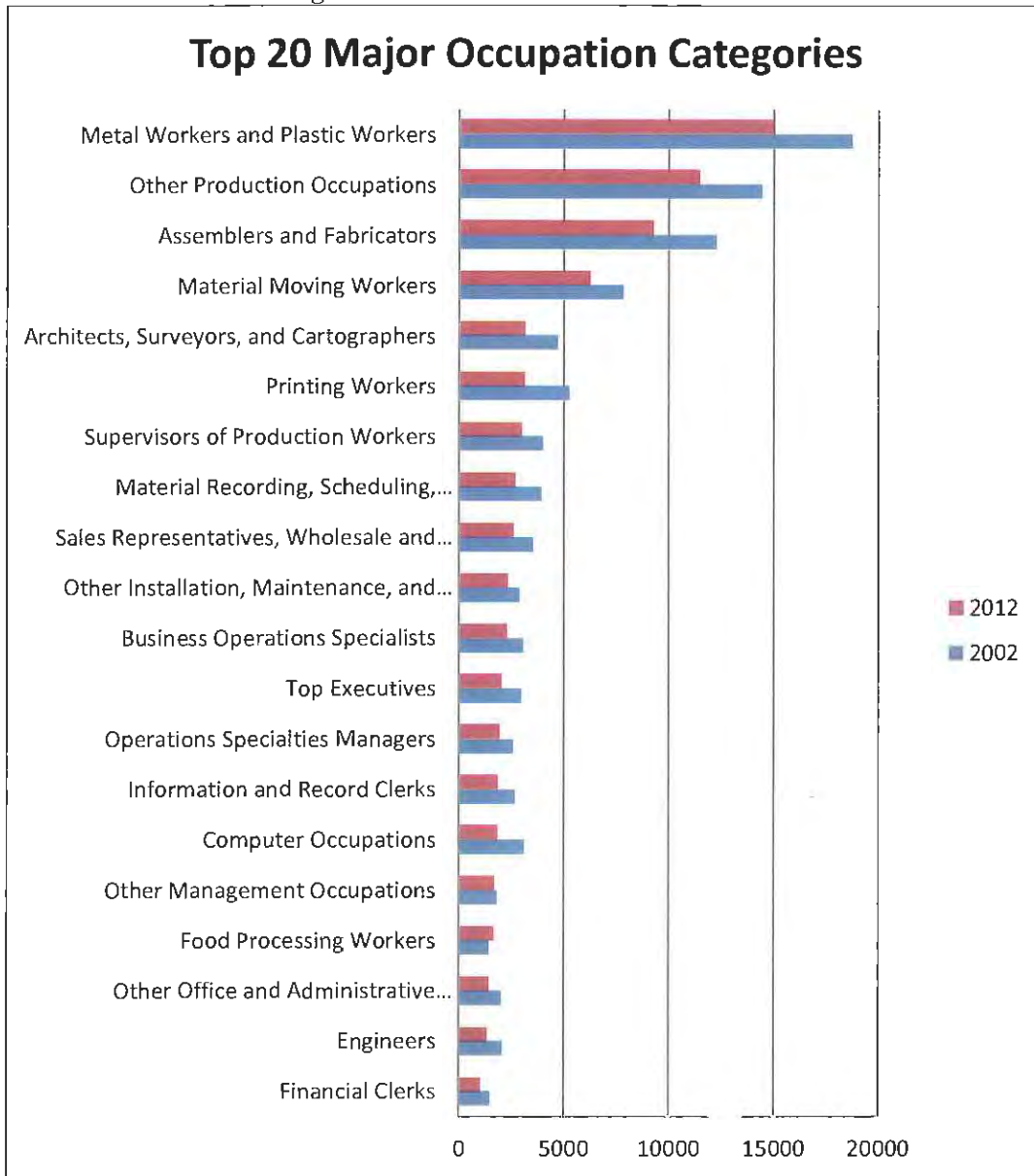


Manufacturing Occupations

There are nearly 450 unique occupations¹ within manufacturing, however 70 percent of the Golden Corridor’s manufacturing jobs are within 50 occupations, and almost 50 percent are in 20 occupations. Many of these occupations are in numerous manufacturing industries—such as team assemblers, machine mechanics, and managers. The following graphic shows the top 20

¹ Six-digit occupation level

general occupation groups² and how employment has changed over the last decade. All groups shrank overall, with the exception of food processing workers. Metal workers and plastic workers lost the most—3,710, employees, a 20 percent decline, but computer occupations had the greatest rate of decline—41 percent, a loss of 1,274 . These broad categories include much more specific occupations, some of which have grown. Select specific occupations will be examined in the following section.



² Three-digit occupation level



One of the most common and looming concerns among manufacturers is the “graying” of the workforce, a term to describe the prevalence of workers who are nearing retirement age. As this segment of workers leave the workforce positions will become open that must be filled. EMSI estimates how many of current jobs will “open,” due to retirement and turnover, for occupations as a whole, not just those within an industry. The following table shows the estimated number of opening from 2012-2022 within the 20 largest major occupation groups in manufacturing.

Description	Openings from 2012-2022	2012 Median Hourly Wage
Top Executives	2,934	\$51.21
Operations Specialties Managers	3,400	\$44.11
Other Management Occupations	7,026	\$28.16
Business Operations Specialists	9,409	\$29.90
Computer Occupations	8,757	\$35.59
Engineers	2,380	\$38.80
Drafters, Engineering Technicians, and Mapping Technicians	787	\$25.51
Sales Representatives, Wholesale and Manufacturing	5,993	\$29.25
Financial Clerks	5,187	\$17.48
Information and Record Clerks	9,651	\$16.31
Material Recording, Scheduling, Dispatching, and Distributing Workers	7,410	\$15.54
Other Office and Administrative Support Workers	5,977	\$15.39
Other Installation, Maintenance, and Repair Occupations	4,092	\$20.84
Supervisors of Production Workers	709	\$28.08
Assemblers and Fabricators	4,336	\$12.59
Food Processing Workers	1,169	\$12.91
Metal Workers and Plastic Workers	5,140	\$17.68
Printing Workers	910	\$18.24
Other Production Occupations	5,222	\$14.13
Material Moving Workers	13,081	\$11.84
Total	103,570	

Advanced Manufacturing in the Golden Corridor

As described earlier, CMAP’s advanced manufacturing framework is useful to identify opportunities and trends within specific industries, especially in regard to the shifting paradigm of manufacturing becoming more automated, requiring new skill-sets, and the need for collaboration between industry and education and training providers. The following section



uses the advanced manufacturing scorecard to examine notable manufacturing sub-sectors in the Golden Corridor. The industries included in this discussion include food manufacturing, due to its unique growth in the Golden Corridor, fabricated metal, since it is the largest sub-sector in the Golden Corridor, and machinery, as it ranks third on the advanced manufacturing scorecard and is the second largest manufacturing sub-sector in the Golden Corridor.

Food Manufacturing

The following graphic shows how food and beverage manufacturing ranks on the 3Ps of the regional advanced manufacturing scorecard. The numbers included in the graphics represent regional statistics.



Food manufacturing ranks last on the regional innovation index, however, in the Golden Corridor there are local differences worth noting. Over the last decade this industry shrank nationally, regionally, and at the state level, but it grew by 5 percent in the Golden Corridor. This growth occurred in just one year—375 employees were added at food manufacturers from 2011 to 2012. This growth was distributed across many of the Golden Corridor suburbs, but more than 200 of these jobs were split evenly between Elk Grove Village, West Chicago, Saint Charles, and Schaumburg. EMSI’s employment projections show a slight decline in employment from 2012 to 2022, though several sub-sectors are projected to grow, including meat processing and commercial bakeries. The food companies with the most employees include Now Health Group, Colonial Ice Cream Inc., and Swift Process Meat Company.

Food and Beverage					
Region	2002 Jobs	2012 Jobs	Change	% Change	2012 Average Wages
Golden Corridor	7,124	7,499	375	5%	\$52,980
7 County Region	51,230	48,080	(3,150)	(6%)	\$51,686
State	84,186	80,107	(4,079)	(5%)	N/A
Nation	1,581,314	1,515,359	(65,955)	(4%)	N/A

The top food manufacturing occupations are packaging and filling machine operators and tenders, food batchmakers, and packers. These occupations require short or moderate-term on the job training and average \$10-\$14 an hour. Twenty percent of the jobs in these occupations

are employed through temporary staffing agencies, demonstrating possible challenges in hiring without assistance, s hesitancy from employers to hire long-term employees, or frequent fluctuations in staff needs.

The previous description of occupations examined general occupation groups, but data on more specific jobs gives greater detail. The following table shows the top 10 specific occupations in food manufacturing, the number of jobs in 2002, 2012, median earnings, and the expected number of openings between 2012 and 2022 (openings are for the occupation overall, not just those in food manufacturing).

Occupation	2002 Jobs	2012 Jobs	Change	% Change	2012 Median Hourly Earnings	Projected Openings 2012-2022
Packaging and Filling Machine Operators and Tenders	629	619	-10	-2%	\$11.59	539
Food Batchmakers	578	561	-17	-3%	\$14.36	212
Packers and Packagers, Hand	534	591	57	11%	\$9.87	2,592
Bakers	348	360	12	3%	\$12.05	273
Production Workers, All Other	334	391	57	17%	\$12.96	1,045
Helpers--Production Workers	294	295	1	0%	\$9.92	1,027
Laborers and Freight, Stock, and Material Movers, Hand	279	299	20	7%	\$11.72	7,534
First-Line Supervisors of Production and Operating Workers	214	219	5	2%	\$28.08	709
Industrial Truck and Tractor Operators	208	214	6	3%	\$14.55	1,542
Team Assemblers	185	194	9	5%	\$11.88	2,956



Fabricated Metal Manufacturing

The following graphic shows how fabricated manufacturing ranks on the 3Ps of the regional advanced manufacturing scorecard. The numbers included in the graphics represent regional statistics.



Overall, fabricated metal ranks sixth on the regional advanced manufacturing scorecard. The product and wages rank below the average, but it ranks above average on the process indicator, which measures the value added from raw input to final product. The Golden Corridor lost 15 percent of its jobs in fabricated metal in the last decade, but this is a smaller loss than the 20 percent decrease regionally. Some of the largest fabricated metal manufacturers in the Golden Corridor include Thermos, Communications Supply Corp., and Senior Flexionics.

Fabricated Metal					
Region	2002 Jobs	2012 Jobs	Change	% Change	2012 Average Wages
Golden Corridor	20,715	17,703	(3,012)	(15%)	\$52,446
7 County Region	78,389	63,058	(15,331)	(20%)	\$54,552
State	116,961	97,232	(19,729)	(17%)	N/A
Nation	1,586,683	1,446,159	(140,524)	(9%)	N/A

Machinists are by far the largest occupation in fabricated metal jobs. Most work in machine shops, but a notable number are also employed through temporary staffing agencies. On average, machinists earn nearly \$20 an hour (median hourly earnings) and require long-term on the job training. According to EMSI's projections, the occupations expected to grow the most include machinists, computer-controlled machine tool operators, and welders, cutters, solderers, and brazers. These jobs require specialized training—some is offered on the job and other through training programs.

The following table shows the top 10 specific occupations in machinery, the number of jobs in 2002 and 2012, median earnings, and the expected number of openings between 2012 and 2022 (openings are for the occupation overall, not just those in fabricated metal manufacturing).

Occupation	2002 Jobs	2012 Jobs	Change	% Change	2012 Median Hourly Earnings	Openings 2012-2022
Machinists	2,089	2,179	90	4%	\$19.56	1,365
Team Assemblers	1,182	937	-245	-21%	\$11.88	2,956
First-Line Supervisors of Production and Operating Workers	885	751	-134	-15%	\$28.08	709
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	972	708	-264	-27%	\$14.08	262
Computer-Controlled Machine Tool Operators, Metal and Plastic	646	700	54	8%	\$17.40	551
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	732	621	-111	-15%	\$18.52	335
Welders, Cutters, Solderers, and Brazers	603	551	-52	-9%	\$17.67	684
Inspectors, Testers, Sorters, Samplers, and Weighers	610	509	-101	-17%	\$17.10	910
Helpers--Production Workers	551	489	-62	-11%	\$9.92	1,027
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	486	407	-79	-16%	\$27.53	4,587

Machinery Manufacturing

The following graphic shows how machinery manufacturing ranks on the 3Ps of the regional advanced manufacturing scorecard. The numbers included in the graphics represent regional statistics.





Machinery ranks third overall on the regional advanced manufacturing scorecard and is the second largest manufacturing industry in the Golden Corridor. Over the last decade the Golden Corridor lost 23 percent of jobs in machinery, about the same as the regional decrease but notably larger than the 16 percent national decrease. However, the Golden Corridor continues to hold a high concentration of machinery; electrical equipment manufacturing has a location quotient of 3.4 and general machinery has a location quotient of 2.0. The largest machinery companies in the Golden Corridor include Culligan, International Company, Cummins American Corp., and Suzo Happ.

Machinery					
Region	2002 Jobs	2012 Jobs	Change	% Change	2012 Average Wages
Golden Corridor	23,712	18,294	(5,418)	(23%)	\$62,370
7 County Region	95,085	73,820	(21,265)	(22%)	\$64,020
State	182,735	147,595	(35,140)	(19%)	N/A
Nation	3,606,226	3,017,644	(588,582)	(16%)	N/A

The largest occupations in machinery include team assemblers, machinists, and electrical equipment assemblers. According to EMSI, team assemblers are projected to grow by 15 percent from 2012 to 2022 but machinists and electrical equipment assemblers are expected to continue to shrink. Other occupations projected to grow include computer-controlled machine tool operators, mechanical engineers, and welders, cutters, solderers, and brazers—occupations also prevalent in fabricated metal manufacturing. These are high paying jobs that require specialized training. The top 10 occupations in machinery are shown in the following table.

Occupation	2002 Jobs	2012 Jobs	Change	% Change	Median Hourly Earnings	2012-2022 Openings
Team Assemblers	1,299	956	-343	-26%	\$11.88	2,956
Machinists	1,201	932	-269	-22%	\$19.56	1,365
Tool and Die Makers	627	439	-188	-30%	\$25.45	135
Computer-Controlled Machine Tool Operators, Metal and Plastic	426	345	-81	-19%	\$17.40	551



First-Line Supervisors of Production and Operating Workers	483	338	-145	-30%	\$28.08	709
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	351	269	-82	-23%	\$27.53	4,587
Welders, Cutters, Solderers, and Brazers	344	247	-97	-28%	\$17.67	684
Mechanical Engineers	314	244	-70	-22%	\$36.23	525
General and Operations Managers	336	217	-119	-35%	\$47.15	2,041
Inspectors, Testers, Sorters, Samplers, and Weighers	264	190	-74	-28%	\$17.10	14,462

Education and Training for Manufacturing

Most manufacturing occupations require short or moderate in length, but several require long-term on the job training and some require post-secondary education. This is largely due to the fact that many manufacturers have specialized processes and therefore must provide their own training, rather than employing graduates of a training or education program. However, there are numerous manufacturing related education and training programs provided by high schools, colleges, community based organizations, industry associations, and other providers. The following table shows the education/training required, median hourly earnings, and number of openings for the largest 15 occupations in the Golden Corridor’s manufacturing sector.

As manufacturers are shifting their processes towards greater automation, employers need different skill-sets that are specific to their processes, and not all employers are able to provide on-the-job training due to costs and time requirements. This shift presents challenges but also opportunities for both manufacturers and job seekers to thrive in the Golden Corridor. The final section of this report describes the current landscape of training and education programs and providers and shows some of the recent shifts and growing needs.

Workforce Development Resources and Related Services

Across the region, there has been a widely publicized “skills gap” between what manufacturers are looking for and the skill sets of potential employees. In the Golden Corridor manufacturers



have reported that the gap between their needs and job seeker skills has led to unfilled positions and has motivated employers to become more involved in recruitment and training efforts. This section of the report identifies the entities in the Golden Corridor that seek to address the manufacturing skills gap through workforce development activities.

Workforce development refers to the services, programs, and activities that provide people with education, skill development, and improved access for employment and career advancement in the labor market. Workforce development programs assist a wide range of job seekers, current workers, and employers, by directly increasing the skill-level of workers and in turn, improving business performance. Since the skill level and suitability of the labor force is a major consideration for employers when choosing where to locate³, maintaining a strong system of workforce programs is an important contributor to economic growth in a given industry sector and region.

There are five major types of entities that help prepare the workforce: post-secondary educational institutions, training providers (both non-profit and for-profit), industry associations, workforce service providers, and employers. While not always neatly defined, this categorization helps explain different opportunities for job seekers and employers. The following describes the categories and specific entities within each serving the Golden Corridor. The information is summarized from interviews, an employer survey, and research from organization websites, workforce boards, and other sources.

Post-Secondary Educational Institutions

The Golden Corridor is home to a range of post-secondary educational institutions and community colleges are the most focused on manufacturing. Four community colleges in the area have established manufacturing programs.

William Rainey Harper College

Harper's main campus is located in Palatine, just north of I-90 in the center of the Golden Corridor. There is an increasing focus on manufacturing at Harper, most recently signified by its leadership in the Illinois Network for Advanced Manufacturing (INAM), a statewide consortium of community colleges with the goal of improving "the delivery of education and career training programs leading to industry-recognized certificates or associate degrees". Currently, the curriculum is designed to offer four programs; Mechatronics, Computer Numeric Controlled Operator, Metal Fabrication (Welding), and Supply Chain & Logistics. Changes to Harper's degree and certificate programs are currently pending Illinois Community College Board (ICCB) approval. These changes will expand the programs offered and update existing programs. The college's new advanced manufacturing will leverage partnerships with more than 70 manufacturers and place students in paid internships. Harper College participates in numerous activities to promote its programs and recruit students.

³ Natalie Cohen, *Business Location Decision-Making in the Cities: Bringing Business Back*, the Brookings Institution, April 2000.



Oakton Community College (OCC)

The main campus is located Des Plaines near the eastern edge of the Golden Corridor. While outside of the Golden Corridor, the OCC satellite location in Skokie--the High Tech Pavilion--serves as the hub of the college's manufacturing program. Ninety percent of the OCC manufacturing classes take place at this location.

Certificates and degrees obtainable through the manufacturing technology department at OCC include: CNC Operations and Programming Preparation; Computer Aided Manufacturing Programming; Manufacturing Technology; Mechanical Design/CAD; and Tool & Die Design and Engineering. There is also a machine technology apprenticeship program. Three quarters of students in the OCC manufacturing department programs are already employed and enroll part-time. Employed manufacturing students are seeking to upgrade skills to advance in a career. Students who are unemployed are looking to upgrade outdated manufacturing skills from previous jobs. The department offers customized training--they help businesses create a customized curriculum to train their workers for specific skill needs.

To remain informed about open positions, skill needs, and the extent which the curriculum is meeting business' needs, the OCC manufacturing department convenes an advisory group of about 12-15 companies, mostly in manufacturing. The participating companies are almost all located within a 10 mile radius of the OCC Skokie Campus. Like the other community colleges in the region, OCC is involved with INAM. Even before the creation of this network, OCC collaborated with other colleges to discuss employer needs and curriculum changes.

Elgin Community College (ECC)

With two campuses in the Golden Corridor (Streamwood and Elgin), ECC is situated to play a major role in the preparation of the region's manufacturing workforce. ECC is also a member of the Illinois Network for Advanced Manufacturing (INAM). The college currently offers four programs of study related to manufacturing: Integrated Systems Technology (IST)/Maintenance Technology, Industrial Manufacturing Technology, Welding, and Computer Aided Design. With certificates and associate degrees available in each program of study, the college meets various needs of students and area manufacturers. Associate degrees are available in IST/Maintenance Technology, Computer Integrated Manufacturing, Industrial Manufacturing Technology, Machine Tool Technology, Welding Fabrication Technology, and Computer Aided Design. Notable certificates available include Solidworks, AutoCAD, CNC, Mold Making, Tool & Die Making, and Welding.

College of DuPage (COD)

The College of DuPage has a significant presence in the Golden Corridor with campuses in Addison, Bloomingdale, and Carol Stream--communities along the southern portion of the area. COD is also a member of INAM. The college offers a number of degrees and certificates related to manufacturing available in four program areas: engineering technology, welding, electronics, and manufacturing technology. The manufacturing technology program alone



offers four degrees in automated manufacturing systems, drafting and design, manufacturing technology, and manufacturing engineering technology. These programs prepare students in careers in computer-aided manufacturing, robotics, CNC, drafting, design, mechanical drafting, etc. Students can also go on to obtain bachelor's degrees at four-year institutions.

Others

In addition to the community colleges, **Northern Illinois University** has a campus in Hoffman Estates which offers a Master of Science degree in Industrial Management. This graduate study program aims to prepare students to assume leadership positions in manufacturing industries.

Two colleges outside of the Golden Corridor are worth mentioning for their manufacturing programs. **Wilbur Wright College** is located in the northwest part of Chicago and offers courses in engineering and industrial technology that introduce students to manufacturing design software, CNC machining and programming, and welding. The college also assists in placing individuals in internships at manufacturing companies. **Triton College** is located south and east of O'Hare Airport and is also a member of INAM. They offer degrees and certificates related to engineering technology, including design capabilities and mechatronics.

Training Providers

Training providers offer industry-specific training programs outside of the traditional college model. Though training is also offered through industry associations and employers, the entities highlighted in this category are unique due to their special focus on training. These entities are both for-profit and non-profit organizations and are funded in a variety of ways, including government grants, training fees, and charges for customized training with businesses. All of the entities below serve manufacturing employers within the Golden Corridor, but not all are actually located within the Golden Corridor boundaries.

Fisher/Unitech

Established in 1993, Fisher/Unitech is a reseller of SolidWorks and offers SolidWorks training to companies that use this software. A nationwide company, Fisher/Unitech is headquartered in Schaumburg. The training division offers over 25 courses related to SolidWorks, 3D CAD, Enterprise PDM, and 3DVIA. Training methods include in-classroom training, online training, and on-site training at manufacturers. All courses are instructor-led regardless of the method. SolidWorks certificates are available for anyone who completes the trainings related to that technology. Fisher/Unitech trains nearly 1,800 people in a given year and estimates that roughly 20 percent of those trainees stem from the Schaumburg area. Trainees are both job seekers and incumbent workers. The majority of trainees are seeking to become, or improve their skills as, draftsmen or engineers. The company has strong ties to manufacturers in the tool making industry, but did not report any strong ties to other training providers or educational institutions in the area.

Business Electronics Soldering Technology, Inc. (BEST)



Located in Rolling Meadows BEST provides a number of training courses, in addition to selling products and providing services to businesses in the electronics industry. BEST offers IPC-certified trainings (4-5 days in length) as a core curriculum. IPC is an association for companies in the electronics industry, and their certification serves as an industry standard. Certified course topics include assembly, soldering, and surface mount technology. BEST also offers non-IPC-certified courses, which are typically shorter, and not necessarily accepted by the employers. In a given year, BEST trains between 150-240 individuals on-site. Class sizes are typically kept small (4-8 students) to allow for direct instruction. 40 percent of the individuals attending on-site trainings are local customers stemming from the Golden Corridor communities (e.g. Elgin, Schaumburg, etc.). BEST trains workers at all levels in a company from the management and engineering level, to the entry-level (e.g. assembly techs). Many of the individuals trained at BEST will take what they have learned back to their own companies where they will train co-workers.

BEST works closely with manufacturers in electronics industry in the area including Motorola, Haas Automation, Otto Engineering, and Creation Technologies. In addition, they partner with the College of DuPage to provide customized training to employers. Currently BEST does not work with any high schools, but is interested in making connections.

Symbol Job Training, Inc.

Symbol Job Training, Inc. evolved out of Symbol Tool, a tool and die shop located in Skokie. Fifty percent of the employers that hire Symbol trainees are located within the Corridor's municipalities. Symbol enrolls about 120 students a year in its 4-month program specializing in teaching computer-aided machining, or CNC. Class sizes are small, with no more than five students assigned to a machine at a time. Over 90% of Symbol graduates obtain and retain employment, and those not placed in the Golden Corridor find employment at manufacturers across the Midwest. Many Symbol students are recent high school graduates and older adults who were laid off or are switching careers. In addition to training individuals looking to start careers within the industry, Symbol trains current employees looking to move up in manufacturing companies across the Chicago region. In late 2012 Symbol's training program was accredited by the National Institute of Metalworking Skills (NIMS). In addition, Symbol is also certified by the Illinois Board of Higher Education (IBHE) and nationally accredited by the North Central Association Commission on Accreditation and School Improvement (NCA CASI).

Jane Addams Resource Corporation (JARC)

Located on the north side of Chicago, JARC is a job-training and workforce development organization focused on addressing skill gaps in the metal fabricating and manufacturing sectors. JARC's Careers in Manufacturing Program prepares individuals seeking employment for jobs as CNC machinists or welders. JARC has a rolling enrollment system, which allows an individual to begin training at any time, as opposed to waiting for a new session. This flexibility is very beneficial to job seeker and employers, as potential employees can get into the program as soon as there is an opening in the class.



On average, the Careers in Manufacturing program has around 30 participants enrolled at a time. Within this program there are four tracks for individuals, which vary in length. They are as follows:

- CNC Machinist – 20 week, 500 hour program (NIMS certified)
- Welding – 12 week, 240 hour program (Graduates qualify for the American Welding Society)
- Women in Manufacturing – 32 week, 240 hour program
- Manufacturing Bridge – 12 week, 120 hour program preparing individuals for other tracks

In the last six years, 174 individuals have been enrolled in JARC's CNC Machinist track. 91percent have graduated from the program. Of those graduating, 84 percent received employment at manufacturers in the Chicago region. In addition to on-site training, JARC's Business Services department works with manufacturers across the Chicago region to help develop customized training curriculum and other resources that can assist in business development. JARC works with numerous employers in the Golden Corridor, including ExCell Kaiser and Trelleborg Sealing Solutions.

Symbol and JARC are both loosely connected with high schools, though neither works closely with any at this time.

The BIR Training Center

BIR is modeled more like a school and is NCA accredited and approved by the Illinois State Board of Education (ISBE). BIR has three locations in Chicago offering instruction in CNC machining, part programming, Coordinate Measuring Machines (CMM) precision inspection and measurement, and CAD/CAM technology. One CNC lab is located just east of the Golden Corridor boundaries and BIR has connections with employers in the Golden Corridor. BIR focuses mostly on serving job seekers, and does not offer customized training for companies. They serve around 250 students each year in manufacturing. Students in this program are typically between 30-40 years old. Students are placed in various manufacturing companies as machine operators, tool makers, and part programmers. In 2010-11, 72 percent of the students completing the programs were placed in employment.

Industry Associations

Industry Associations are entities that offer a range of services to employers from networking opportunities to advocacy, but some associations also offer training for its members' current employees as well as job seekers. One advantage of industry associations is their direct connections to employers which facilitates placement of training graduates. The following associations are not all headquartered in the Golden Corridor, but serve the region and work closely with many of the manufacturers within the Corridor's boundaries.

The Tooling and Manufacturing Association (TMA)



TMA is heavily involved in the training of the manufacturing workforce in the Golden Corridor. Although most TMA training used to be theory-based and offered at TMA headquarters in Park Ridge, they now offer lab-based training at the Fred W. Buhrke Training Facility in Arlington Heights. TMA's training center is not yet NIMS accredited, but the trainings are designed to meet either NIMS or MSSC standards. TMA will be NIMS accredited by 2014.

Three courses are offered, including the new 21st Century CNC Training. Also offered are a Manufacturing Skill Standards Council (MSSC) Production Technician training, and a TMA-related theory course. The CNC training course is for incumbent workers at local manufacturing companies. Meeting two nights per week (Monday and Wednesday) for three hours, the whole course lasts 16 weeks. Individuals learn about the coordinate system, program planning, spindle speeds, tool nose and cutter compensation, threading and more. The course is taught by industry experts, on Haas machines.

While historically TMA trainings have only been offered to incumbent workers at member companies, the Association recognizes the need to train new workers, based on the workforce needs of member companies. While the TMA is a WIA-certified training provider, they have yet to work with the Illinois WorkNet Center to reach out to dislocated workers or adults seeking to be connected to the labor market.

Precision Metalforming Association (PMA)

Though PMA headquarters are in Ohio, they have at least 18 member companies within Golden Corridor. The PMA's Education Foundation's mission is to develop the manufacturing workforce through the creation and support of training and education programs. They work on this mission in partnership with member companies, educators, businesses, foundations, and other civic leaders.

Illinois Manufacturing Association (IMA)

The IMA offers a range of training courses through the Manufacturing Institute for Training (MIT). Trainings provided through MIT are focused on general workplace skills (e.g. communication, safety, time management) as opposed to industry-specific skills related to machining, design software, electronics, etc. IMA received an Employer Training Investment Program (ETIP) grant in 2013 which helps businesses offset the cost of IMA training. In addition, the IMA is also the leader of the Manufacturers' Education Initiative, which could provide some lessons learned and opportunities for partnership to stakeholders in the Golden Corridor.

Illinois Manufacturing Excellence Center (IMEC)

IMEC works with small and mid-sized manufacturers across Illinois to help address business challenges. Workforce challenges are included, though IMEC tends to focus on leadership and supervisor development, as opposed to industry-specific skills training. IMEC has a network



of regional offices throughout Illinois, with representatives serving in Cook, DuPage, Kane, and McHenry counties.

Chicago Manufacturing Renaissance Council

This is a group of leaders from business, labor, government, and the community interested in the advanced manufacturing sector. They are committed to working to help Chicago lead in this sector. Specific goals include supporting education and training efforts that increase access to manufacturing careers, as well as improving the public's perception of the manufacturing industries--goals that are closely aligned with the goals of Golden Corridor stakeholders.

Workforce Service Providers

Organizations providing training and education to job seekers often offer additional support services to help them in their efforts to find employment. For example, JARC offers income supports and financial coaching to assist job seekers participating in their Careers in Manufacturing program. There are also organizations that only offer support services, and do not offer any training. Some of these organizations might be useful partners for work within the Golden Corridor by introducing individuals to manufacturing, assisting with job seeker recruitment, and getting prospective employees ready for work.

Business & Career Services (BCS) is an example of a service provider located in the Golden Corridor. BCS manages the Arlington Heights Illinois WorkNet Center located at 723 W. Algonquin Road in Arlington Heights, IL. A network of WorkNet Centers is established through federal funding from the Workforce Investment Act (WIA). This WorkNet Center is the only one that falls within the Golden Corridor Boundaries.⁴ Job seekers eligible for WIA services can access services such as computer access, career planning, resume preparation, and job clubs at the WorkNet Center. Training services are also available for WIA jobseekers through training providers certified by local workforce investment boards. Many of the training providers mentioned in this report are WIA-Certified. While not a training provider, the Arlington Heights WorkNet Center does assist by referring job seekers to certified training providers serving the Golden Corridor.

In addition to referrals and general workforce services, the center introduces young job seekers to manufacturing industries through the Manufacturing Careers Internship Program (MCIP). BCS and Medusa Consulting have collaborated to create this 10-week program geared toward youth ages 18-21 and designed to offer employment and training opportunities in manufacturing. The training also helps manufacturing companies highlight the changing nature of the sector.

⁴ While only one WorkNet Center (i.e. One-Stop) is located within the Golden Corridor boundaries, there are actually three Local Workforce Investment Areas (LWIAs) that serve the Corridor. LWIA 5 (includes Kane County), LWIA 6 (DuPage County), and LWIA 7 ([includes all of Cook County as of 2012](#)).



MCIP was initially funded in 2009 with Workforce Investment Act (WIA) Summer Youth funds, and had an inaugural class size of 17. Since the first year the program has served about 20 youth each summer.

Over the years MCIP has gained the support of more than 35 companies, including many manufacturers on the Golden Corridor steering committee. Companies offer paid, eight-week internships to youth who complete the program's initial two-week manufacturing skills boot camp. Felsomat USA in Schaumburg and FANUC Robotics are two companies within the Golden Corridor that have reported being very pleased with the quality of employee they gain from this program.

In the first year, all participants completed an internship with a local manufacturer. 10 participants were offered full-time employment at the end of the program, while the other seven returned to school to continue their education in manufacturing. For the upcoming program year the two-week manufacturing skills boot camp will be extended to three weeks to include OSHA safety training. This will ensure youth receive safety certification before their paid internship.

As funding for WIA has decreased, there has been a need to seek funding from the participating companies and other private or corporate sources. A number of manufacturers have made commitments to help keep the program going this year.

Employers

Employers also contribute to and offer training and education initiatives aimed at preparing the workforce. A survey was distributed to Golden Corridor manufacturers to get information about their internal training and education initiatives. Twenty companies responded – enough to get a general sense of employer practices, but not to make conclusions about manufacturer practices as a whole. The following are highlights of the responses.

- Manufacturers were asked whether or not they provide financial assistance for current employees to obtain education and training from external providers. Twelve out of the 13 employers responding to this question said they do offer financial assistance to their employees. A number of these manufacturers send their employees to the Tooling and Manufacturing Association and various community colleges.
- In addition to external training, the survey attempted to find out the extent to which manufacturers in the Golden Corridor train their own workforce. Nineteen out of 20 manufacturers responding to this question said they offer some sort of internal training to their employees. In a related question, 10 out of 12 companies reported that 50 percent or more of the training their employees receive is provided internally.
- In order to determine what type of training the manufacturing companies offer internally, survey respondents were asked to list specific skills taught in their internal training courses. While a number of respondents reported training workers on safety



measures, most employers also train their employees on the technical skills. Skills highlighted include injection molding, plastic process engineering, machinist assembly, equipment maintenance, and blueprint reading.

- Employers were also asked to identify which category of worker receives internal training. Twelve manufacturers answered this question, and all provide training to new and entry-level workers. In addition, a majority of companies said they offer internal trainings to their management level workers and advanced workers. Only five manufacturers suggested they offer internal trainings to temporary workers seeking full-time employment, and just one employer indicated offering internal training to prospective employees.
- Very few companies reported working with external partners to assist in the development or implementation of internal trainings. For those companies that did, the lead partner was the TMA. In addition, Elgin Community College, Harper College, and IMEC were listed as partners companies had worked with to create or implement internal trainings in the past.
- Employers were asked about the types of training methods used for internal training. Of the 17 companies responding, 15 reported using an on-the-job training method. In addition, 12 respondents offered class-based training. Only eight employers use online training methods.
- No survey respondents indicated receiving money from government sources to help offset internal training costs.

One employer that stands out for the training they provide is DMG/Mori Seiki. A global leader in the supply of lathes, machine tools, and turning centers, the company also has a training center, DMG/Mori Seiki University, located in Hoffman Estates. Now a NIMS-accredited training center, this state-of-the-art facility is well-positioned to help turn entry-level machinists into highly skilled managers and leaders in the manufacturing sector.

Middle School and High School Programs

The Golden Corridor Manufacturing Group is interested in increasing middle school and high school student awareness of the manufacturing field, improving student contact with manufacturing as a career opportunity, and creating lasting and sustained connections between employers and educational institutions. This section will give an overview of the ways middle school and high school students are exposed to manufacturing-related opportunities. Special emphasis will be placed upon communication strategies that target students, parents and school administrators. Opportunities for students to learn about manufacturing serve as the conduit by which they are introduced to the industry, keep students engaged throughout high school, help them focus on their future, and can be the pipeline to replenishing the manufacturing workforce.



The Golden Corridor area is served by 11 school districts. Within these schools districts, there are 39 high schools and even more middle schools. Several schools offer STEM (Science, Technology, Engineering and Mathematics) courses, including the following courses:

Engineering by Design

Engineering by Design (EbD) is a K–12 engineering and technology curriculum created by the International Technology Education Association (ITEA). EbD has been adopted by twenty states. The EbD program is built on the belief that the ingenuity of children is untapped, unrealized potential that, when properly motivated, will lead to the next generation of technologists, innovators, designers, and engineers.⁵ More information can be found at: <http://www.iteea.org/EbD/ebd.htm>.

Project Lead the Way (PLTW)

Project Lead the Way (PLTW) is a nationally developed curriculum for middle school and high school students that focuses on engineering while utilizing project-based learning. The goal of the program is to increase the number, quality, and diversity of engineers matriculating from United States educational systems. PLTW gives student just enough exposure to the engineering field so that they can determine whether the field is the right career choice for them. Within the PLTW curriculum, there is Gateway to Technology (GTT) for middle schools and Pathway to Engineering (PTE) and Biomedical Sciences Program for high schools. The PLTW curriculum is available to interested schools at no cost; however, schools are financially responsible for program participation fees, classroom equipment, kits for hands-on activities, other supplies and required professional development for teachers. A total of 25 high schools and more than 17 middle schools in the Golden Corridor area have incorporated the PLTW curriculum into their programs of study, specifically the Pathway to Engineering and Gateway to Technology. Because PLTW offers project-based learning, students remain engaged around Engineering throughout high school and have a better idea of what career they want to pursue in the future. Even so, the funding required to support PTLW can be a challenge for school districts. The resources needed to operate such a program can be a barrier to exposing middle school and high school students to engineering. More information can be found at: <http://www.pltw.org/>.

Illinois Pathways

The Illinois Pathways program was launched in 2011 with the goal to create a new, innovative public-private education infrastructure that can advance college and career readiness in STEM disciplines by coordinating statewide networks of P-20 education partners, business, labor, and other organizations based on career clusters.⁶ Illinois Pathways supports local programs that empower students to explore their academic and career interests while also supporting new statewide, public-private partnerships known as Learning Exchanges that better coordinate

⁵<http://www.iteaconnect.org/EbD/ebd.htm>

⁶<http://www.ilpathways.com>



investments, resources and planning for those programs.⁷ The Illinois Pathways initiative covers eight career clusters, including manufacturing. The manufacturing career cluster offers several pathways to students throughout their academic careers, from middle school to post-secondary study. High School students interested in manufacturing will have an opportunity to choose from the following pathways: Manufacturing Production Process Development, Production, Automation, and Logistics and Inventory Control. Within each of these pathways, students can pursue coursework, work-based learning and credentials as well as opportunities with shared pathways in other career clusters. Courses for the manufacturing pathways will integrate curriculum from EbD and PLTW.

Each of the career clusters will be supported by a learning exchange that will have a lead entity to coordinate a statewide network of businesses, employer associations, education partners, and other stakeholders. Illinois Manufacturers Association (IMA) Education Foundation will serve as the lead entity for the manufacturing career cluster. Some high schools in the Golden Corridor are looking to incorporate the Illinois pathway for the manufacturing career cluster into their curricula. More information can be found at:

http://www.illinoisworknet.com/vos_portal/Stem/en/Home/.

Communication Strategies

The current state of the manufacturing workforce has inspired relevant curriculum providers, community colleges, and industry associations to execute communication strategies that promote the field of manufacturing. These communication strategies come in the form of printed materials, activities and events, and various media outlets and outreach efforts.

Print Materials

The high schools that incorporate EbD and PLTW into their curricula typically use their programs of study to inform parents, students, and school administrators about these opportunities. Programs of study can be found online, and list courses available to students. PLTW makes brochures available online. Many schools like Wheeling High School print these brochures to distribute to students and parents. These brochures are heavy on graphics, showing students engaged with engineering projects, and outline information about the program.

TMA has created a “Careers in Manufacturing” brochure. It outlines information for students, parents and school counselors, and provides just enough detail about the various manufacturing-related careers along with annual salaries (based on experience), education path that should be taken, whether work experience from another field transfers to manufacturing and on-the-job training opportunities. The brochure features a quiz to help students determine

⁷ http://www.illinoisworknet.com/vos_portal/STEM/en/Home/



whether manufacturing is the best career choice for them. The brochure concludes with the steps high school students should pursue to enter the manufacturing field.

Community colleges, like Harper College, have one-pagers on how individuals can become an “Advanced Manufacturing Professional.” Such materials can be accessed by high school students online. They, along with other interested individuals, can find out what courses to take to become an advanced manufacturing professional as well as the certificates to acquire. This one-pager immediately gets one’s attention with the graphics and is straight to the point about the benefits of the program (paid internships, good pay and benefits, and lots of job openings).

Events and Activities

Several high schools have robotics clubs and other extra-curricular activities related to science and engineering. At Wheeling High School the robotics club Battlebots serves as a conduit to its PTLW Engineering pathway. Throughout their time at Battlebots, students build robots and participate in robotics competitions. After their experience in Battlebots, some students are inspired to take engineering courses that could lead to NIMS Machining Level One certification as well as National Association for Manufacturing (NAM) credentials—National Career Readiness Certificate (NCRC) and Manufacturing Skills Standards Council (MSSC) Safety Module.

To further expose students to manufacturing, Oakton Community College hosts the annual Advanced Manufacturing Expo. In 2013, more than 300 students attended this event, met industry leaders and participated in some engaging activities. Industry associations like TMA and IMA are involved with organizing this educational event. At this year’s Manufacturing Expo, TMA distributed over 300 “Careers in Manufacturing” brochures. OCC also serves on local chamber of commerce boards, joins industry associations, and participates in manufacturing expos for high school students.

Last fall Harper College was the host of Manufacturing Day, a national initiative to change the perception many hold on manufacturing as a dying industry with few opportunities. The event feature exhibits from local manufacturers for high school students to tour and obtain information on job opportunities.

TMA organizes several activities that expose students to the manufacturing field. TMA runs a two-week summer camp for students interested in manufacturing. In this program, students participate in classroom learning and testing as well as certification testing in Work Keys Tests for National Career Readiness and MSSC certification. The program is free and provides transportation and lunch to participants, yet, TMA struggles to enroll students. TMA also hosts demonstration days at their training facilities to show high school students the CNC lathe and mill and give them an opportunity to sit in on a CNC training program course. TMA also organizes the Precision Competition where high school students showcase projects. TMA



makes these opportunities available to not only students to firsthand what a precision metalworking career entails, but to recruit students into the industry.

Golden Corridor member Sandvik Coromant (producer of tools for the metal cutting industry) has partnered for years with Eisenhower Middle School of Rockford, IL to hold the “Surgeons of Steel” program. The program takes place at Sandvik Coromant’s Productivity Center in Schaumburg, where students learn about job opportunities and witness firsthand computerized processes including milling, drilling and turning. Although “Surgeons of Steel” does not target students in the Golden Corridor area, this type of program could be replicated between other industry leaders and nearby schools.

Media Outlets

Project Lead the Way has website with numerous resources, including a video to recruit students. The video focuses on the creativity within manufacturing and encourages students to expand their imagination and how PLTW will teach them to be innovative and solve problems.

Champion Now is an organization that is committed to using video to encourage students to enter the manufacturing industry by showing how work in the field can change the world and be applied to everyday life. Champion Now has partnered with Edge Factor, video producer, to show engaging videos geared towards youth, and depict the current world of manufacturing.

The Chicago Sustainable Industries (CSI) initiative is also developing a comprehensive marketing strategy to promote manufacturing to students, parents, and career counselors. The CSI effort has a goal to coordinate the economic, social and environmental aspects of Chicago’s manufacturing sector as part of a comprehensive plan to promote industrial growth.⁸ The proposed “Make it In Chicago” website presents a way for individuals (students, parents, career counselors and job seekers) to connect with the manufacturing industry and learn about the opportunities presented in the future of manufacturing. The website features a personal touch in that it gives testimonies from pictured manufacturers in Chicago. For students, the website provides information about advanced manufacturing and how it can be a promising career. Parents can learn about those pertinent details about an advanced manufacturing career like annual salary, how it compares to other fields, and how advanced manufacturing in the region and the U.S. fares with other cities and countries, respectively. Career counselors can find out that the manufacturing field has advanced and requires a highly-skilled worker. Lastly, job seekers can learn about the latest news about manufacturing as well as educational opportunities at the City Colleges of Chicago.

⁸ https://www.cityofchicago.org/city/en/depts/dcd/supp_info/chicago_sustainableindustries.html



Regional and Local Manufacturing Economic Development Initiatives

Plan for Economic Growth and Jobs

World Business Chicago (WBC) is a non-profit economic development organization that focuses on business retention, attraction, and overall economic growth. Chaired by Mayor Rahm Emanuel, the organization is based in the City of Chicago but many of its strategies are regional. In early 2012, WBC released the Plan for Economic Growth and Jobs, a strategic document that puts forth 10 transformative strategies to address challenges and support economic growth. The first strategy is “Become a Leading Hub of Advanced Manufacturing.”

The key components of this strategy are:

- Accelerate growth in advanced manufacturing industries in which Chicago specializes (e.g., those with an LQ greater than 1).
- Help low-growth legacy manufacturers to repurpose assets and adopt advanced technologies.
- Expand workforce training programs to give workers the skills that manufacturers seek (but struggle to find).
- Make a clear commitment to support the region’s manufacturers, in word and deed, through initiatives and more consistent and efficient zoning, permitting, and other business processes.

Implementation is underway and there are several developments relevant to the Golden Corridor Group. In particular, the development of the Illinois Manufacturing Lab and a response to the National Network of Innovation Manufacturing are emerging efforts that will have an impact on manufacturing across the region.

Partnering for Prosperity

Cook County has recently convened the Cook County Council of Economic Advisors (CEA), a group of business, non-profit, and civic leaders charged with the task of identifying how the county can promote economic growth. County President Preckwinkle and the CEA launched a strategy report with nine recommendations on how to do just that; titled Partnering for Prosperity, the report highlights the importance of greater coordination and collaboration between the many partners involved in creating jobs. The plan’s 4th strategy is to “increase productivity of Cook County’s manufacturing clusters.” The plan specifically calls out the fabricated metal cluster and the food processing and packaging cluster. The plan was just released in April 2013 and implementation has yet to begin but initial direction calls for partnering with World Business Chicago’s implementation team created for the Plan for Economic Growth and Jobs.



Moving Forward

Manufacturing is and must continue to be a thriving component of the region's broad economy and the Golden Corridor has a leading role in the region's manufacturing activities. The Golden Corridor has many engaged stakeholders from all sectors—industry, education, government, community based organizations—all of which have demonstrated an interest in working together. With so many stakeholders, it can be difficult to keep track of initiatives and opportunities, as well as leverage resources and sustain and grow successful programs. This report provides a foundation to build on. The information can help develop and implement specific strategies to build a quality and skilled workforce. The data can be used to help inform educators, parents, and students on advanced manufacturing and how it differs from the common but outdated perception of manufacturing. The inventory of existing efforts can be used by the GCMG to engage new partners, expand successful programs, and develop initiatives to fill gaps.

To address the workforce challenges and recruit more students to manufacturing field, the Golden Corridor Manufacturing Group can focus its efforts on leveraging and expanding existing communication and marketing materials and strengthening relationships between education providers and employers. Successful efforts exist, but not all middle school and high school students are exposed to these opportunities. The Illinois Pathways should increase access but ongoing coordination and collaboration will be essential. Similarly, the communication strategies and events that promote the manufacturing field are diverse and could be a great benefit if better coordinated so that the message can reach more students, parents, and school administrators. Additionally, interviews with school administrators confirmed the importance of field trips and hands[on] experiences where students and parents can see firsthand what today's manufacturing looks like.

There are challenges to organizing and facilitating these types of activities, but CMAP will work with the GCMG to create a strategic plan that describes activities and resources necessary to create and implement successful strategies. CMAP will also work with the GCMG to become more structured with a long-term plan for sustainability. A focused work plan and stronger foundation will help the GCMG become more operational and impactful.



**VILLAGE OF HOFFMAN ESTATES
DEPARTMENT OF DEVELOPMENT SERVICES
PLANNING DIVISION MONTHLY REPORT**

**SUBMITTED TO PLANNING, BUILDING & ZONING COMMITTEE
August 26, 2013**

PLANNING AND ZONING COMMISSION

August 7, 2013 Meeting

- Resident, 3786 Alder – Fence Variation (**APPROVED**)
- United Taxi Services, 2200 Stonington – Special use for taxi dispatch (**APPROVED**)
- Curves, Huntington Plaza West – Special use for health club (**APPROVED**)
- Gigi's Playhouse, Barrington Square Mall – Special use, signs, façade change (**APPROVED**)

August 21, 2013 Meeting

- Cancelled

September 4, 2013 Meeting

- Cancelled

CURRENT ACTIVE PROJECT REVIEWS

- Bradwell Parcel – Annexation, site plan, variations and subdivision for single family homes
- Prairie Stone Parcel 23 – Site Plan Review for gas station/restaurant
- St. Alexius Medical Ctr., 1555 Barrington Road - Site Plan Amendment for pedestrian walks
- St. Alexius Medical Ctr., 1555 Barrington Road – Plat of Easements
- Lots 2 & 3 Devonshire Woods Estates – Plat of Consolidation and Site Plan Amendment to combine lots
- Devonshire Woods Estates – Site Plan Review for introduction of new home models by new builder
- SHARE, 1776 Moon Lake, Site plan amendment for minor addition
- Shree Jalaram Temple – 425 Illinois – Site plan amendment for roof top units & screening

POTENTIAL UPCOMING PROJECTS

- Sensient (former Givaudan), 5115 Prairie Stone Parkway, site plan amendment for expansion
- 2475 W. Higgins (former Max & Erma's) – Site plan amendment and variations for used car sales lot
- National Veterans Museum – Site plan, subdivision, zoning, Development Agreement for museum
- McDonald's – 2250 W. Higgins – Site Plan Amendment for a demolition of existing restaurant and rebuild

POTENTIAL FUTURE DEVELOPMENTS

- *Vacant Beacon Pointe Phase 2* – no formal development discussions – the old farm buildings have been fully demolished and the site cleaned up to eliminate an attractive nuisance.
- *Vacant Fountain Crossings properties* – No activity.
- *Vacant parcel on Barrington Road between Golf and Bode Roads (17 acres)* – no recent activity.
- *Vacant parcel at Ela and Algonquin Roads (40 acres)* – Discussions with potential residential developer.
- *Devonshire Woods Estates Vacant Lots* - there has been an increase in interest in the individual lots in this subdivision, including one large homebuilder potentially interested in all the vacant lots.

GENERAL ACTIVITIES

General Planning Efforts – The Development Services Coordinator continues to lead efforts to enhance the operations of the main Village front counter and to pursue opportunities to improve processes. The goal is to improve customer service and find operational efficiencies wherever possible. This effort has involved extensive work with Code Enforcement and Planning Division staff, and coordination with the Finance Department.

Planning staff is continuing to work with the Transportation and Engineering Division on Canadian National Railroad sound mitigation plan. Planning is also providing input and some assistance on the Hassell Road project, Palatine Road project, Tollway widening, Barrington Road Tollway Interchange, Pace Park & Ride locations, and the RTA Transit Study Project.

Village Website – Planning staff continues to regularly update the Planning, CDBG, Census, Green, Grants, and Economic Development portions of the Village website. Staff assisted the Transportation and Engineering Division by creating a new website resource and helped identify other methods of communication for the CN Noise Mitigation program. Staff also identified and requested URL shortcuts for various pages, department-wide, that should make web resources more easily accessible to website users.

Economic Development/Marketing/Promotional Items

Planning staff continues to create the graphics for events and perform all regular updates to the Village's www.visithoffman.com tourism website, where detailed information can be found on events, dining, lodging, entertainment, and shopping opportunities.

GREEN INITIATIVES www.hoffmanestates.org/green

Activities and Awards –

- Ashley Monroe continues to oversee implementation of the Sustainability Plan. Several action items have been initiated in multiple Departments. The Sustainability Team met in early June and with feedback from the meeting, Ashley prepared a mid-year report on project status.
- Ashley Monroe participated in the June Prairie State Network monthly call, focused on green codes.
- Staff continues to work as liaison to the Sustainability Commission in preparing events planned in the 2013 activities calendar and responding to resident inquiries. A notice for the Community Pride Award nominations was included in the June *Citizen* and 42 nominations were received. This year, electronic submissions were also accepted at www.hoffmanestates.org/SC. An article featuring the Village's participation in WaterSense (EPA program) was included in the July *Citizen*.

Green Business Recognition Program - The Green Business Recognition Program launched in 2011 and eleven applications for recognition have been submitted. The Sustainability Commission is considering ways of increasing program participation. Jewel Osco, located on Roselle Road, is a new applicant that was recognized on June 5th for its green initiatives. The application for green business recognition is located on the Village's website on the *Growing to Greenness* page or the *Business* tab on the main page.

COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) www.hoffmanestates.org/cdbg

General - Program Year 7 began October 1, 2012 with an allocation of \$259,504. As part of the 2012 Annual Action Plan, the funds have been allocated based on Village funding priorities, including funding for housing rehabilitation and a small amount for infrastructure improvements.

The 2013-2014 Annual Action Plan has been submitted to HUD for the budget year beginning October 1, 2013. The federal budget allocations were released at the end of May, and the Village's 2013-2014 allocation will be \$273,435 for the year (a 5% increase from last year).

HUD sends periodic program updates and the latest email provided the following explanation of how this year's funding level was determined. "The Community Development Block Grant Program (CDBG) experienced a net increase in funding from FY 2012 to FY 2013. The FY 2012 HUD appropriations law directed that \$300 million of the CDBG funding appropriation be

allocated for disaster recovery; this reduced the funding available for formula distribution in FY 2012 to \$2.94 billion. The set-aside for disaster recovery grants did not carry over to the FY 2013 Continuing Resolution, which provided \$3.07 billion for CDBG formula funding. After the mandatory reductions due to sequestration and an across-the board recession, the result is a 4.4% increase in CDBG formula national funding levels from FY 2012 to 2013. HUD uses Census Bureau American Community Survey (ACS) data as the source for most demographic data in computing formula allocations. ACS data is updated annually and is based on five year weighted average data, so every grantee's formula demographics will change every year as a new year's data is introduced." Hoffman Estates received \$259,504 in funds during FY 2012 and will receive \$273,435 in FY 2013, which is a 5.3% increase.

Since making a presentation to the Committee in June on the Village's *Analysis of Impediments to Fair Housing* report, a new fair housing website page was posted to the Village's website and some social media releases regarding fair housing education have taken place.

As part of reporting requirements for CDBG, HUD continues to encourage communication with the area organizations such as housing and homelessness prevention agencies (like WINGS.) In late June, staff met with a representative of the Illinois Housing and Development Authority regarding first-time homebuyer assistance programs available to Hoffman Estates residents. Updated information has been included at www.hoffmanestates.org/CDBG and an informational handout has been created for distribution at the Village Hall front counter.

Single-Family Housing Rehabilitation – The Village approved the contract with the North West Housing Partnership for the upcoming Program year. NWHP, acting as the Village's subrecipient, is currently working with several homeowners on the loan and construction application process for single family home rehabilitation projects. A total of 33 projects have been completed since 2006. A few households are moving through various stages of the application and construction process.

GRANTS A full spreadsheet of all grants is available at www.hoffmanestates.org/grants. Staff continues to search for and investigate new grant opportunities through a variety of sources.

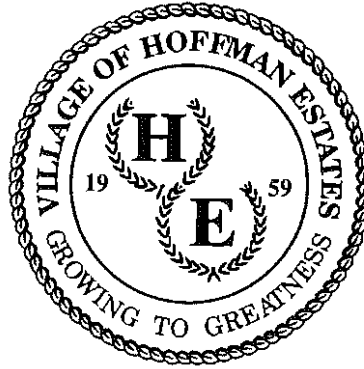
CMAP Local Technical Assistance Grant –The Golden Corridor Manufacturing group CMAP project has begun and the group has established a steering committee. The steering committee has met several times and CMAP has presented an existing conditions report. Staff continues to participate on a sub-committee with CMAP and steering committee members to develop outreach materials.

TIGER Grant – The Village applied for the fifth round of the Transportation Infrastructure grant from the U.S. Department of Transportation for funding assistance for a full interchange at Barrington Road and I 90. Planning staff assisted Transportation staff with the TIGER application, in addition to the analysis component completed by selected consultants, Parsons Brinckerhoff.

ITEP Grant – The Village will receive \$676,000 for a bicycle and pedestrian undercrossing of I-90 along the CN Railroad tracks and modifications to the trail along Shoe Factory Road. The crossing and bike system improvements will connect residential neighborhoods and Prairie Stone Business Park, as well as regional systems. The path will likely be constructed in 2014 - 2016 in coordination with the Tollway reconstruction. The Village is working with the Park District to acquire one key parcel of land through the Cook County No Cash Bid process to accommodate this bike path.

IDNR Trails Grant – Staff and the Transportation Division coordinated and submitted an application for an Illinois Department of Natural Resources Recreational Trails Grant. The project would construct a paved bicycle and pedestrian path from west AT&T Center Drive to Huntington Boulevard along the Central Road Right of Way. The development agreement for the property ensures that developer funds would cover Village grant cost-sharing expenses. The trail would link to the walking trail on AT&T property and connect to a link to the Paul Douglas Forest Preserve, planned for 2014 construction in the Cook County Forest Preserve District Capital Plan.


Peter Gugliotta, Director of Planning Division



CODE ENFORCEMENT
MONTHLY REPORT
SUBMITTED TO PLANNING, BUILDING & ZONING COMMITTEE
August 2013

Attached is the monthly report for Code Enforcement for the period ending July 31, 2013.

A handwritten signature in black ink, appearing to read "Mark A. Koplin", is written over a horizontal line.

Mark Koplin, Assistant Village Manager-Development Services

ACTIVITIES

On July 3-6, 2013 David Banaszynski and Betty Melligan performed health inspections of all food vendors for the Northwest Fourth Fest.

On July 10, 2013 Ray Norton and Tim Meyer attended the NWBOCA seminar for the Illinois Plumbing Code.

On July 10, 2013 David Banaszynski and William Chlebig attended the quarterly IACE seminar for Humane Care for Animals Act & Illinois Housing Action.

On July 10, 2013 Betty Melligan attended the ICC 2012 Pool Code Seminar at B&F Technical in Hoffman Estates.

On July 26, 2013 Ray Norton and Tim Meyer attended the Generac Generator Seminar.

EMERGENCY CALL OUTS

No call outs.

GARAGE SALE PERMITS - 102 permits

DEMOLITION PERMITS - none

CONSTRUCTION INSPECTIONS - Total of 402

Structural	172	Fences	14
Electrical	43	Roofing/Siding	28
Plumbing	32	Patios/Driveways	73
Mechanical	15	Decks	0
Other	20	Sheds	5

FIRE INSPECTIONS - Total of 200

Annual	130
Reinspections	65
Business Licenses	5

ENERGY AUDITS - none

BACKFLOW TESTING - 66 devices tested

CITATIONS - 103 issued

CLEAN SWEEP PROGRAM

The Clean Sweep Program was conducted on June 7, 2013. Re-inspections started the week of June 17, 2013 and are on-going. In July, 48 violations were completed.

Total Violations: 464

Open Violations: 87

Complied With: 377

(Of the compliance violations 35 were cases Code Enforcement was already working on).

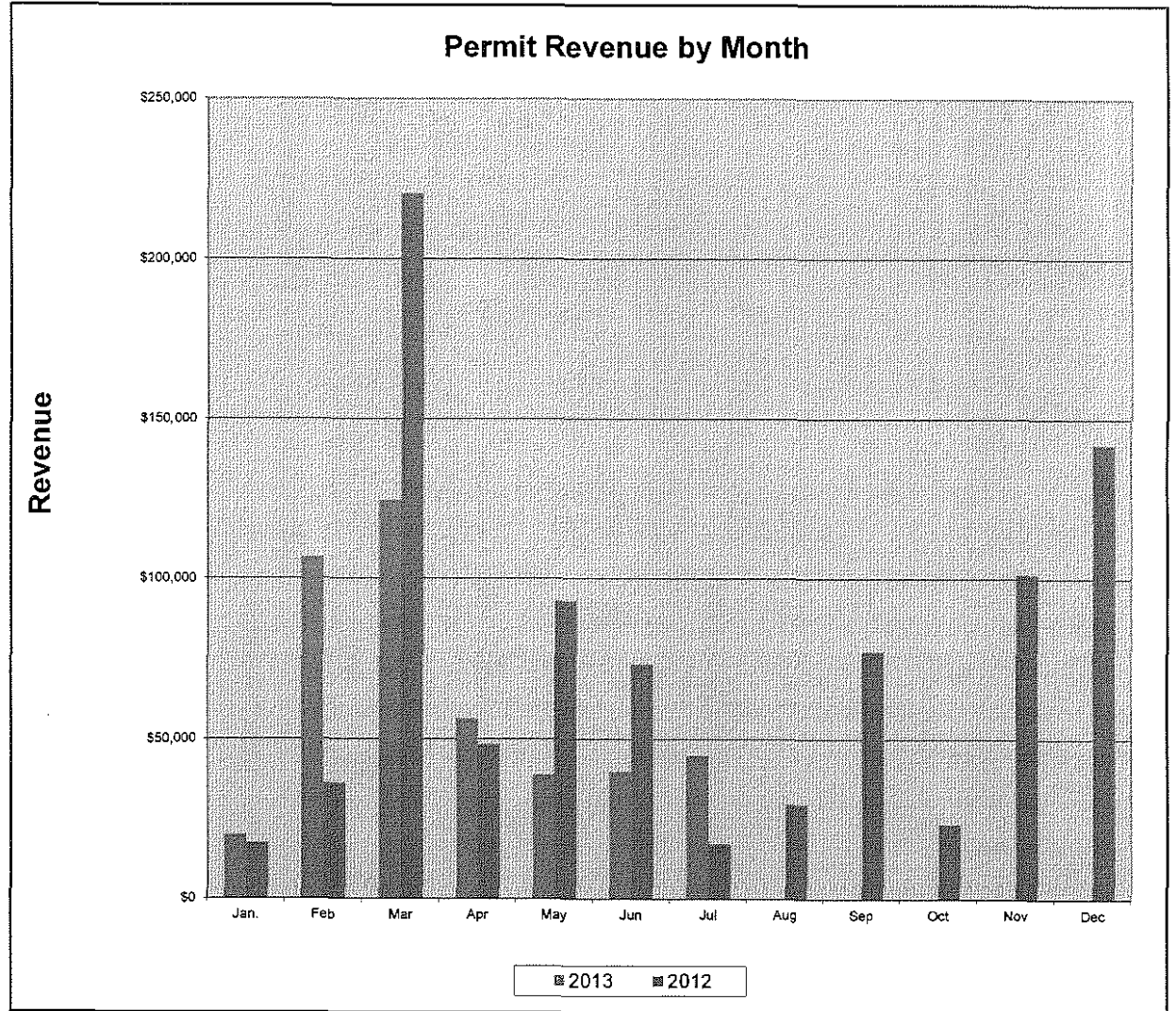
PERMIT REPORT

DESCRIPTION	2013 JULY # OF PERMITS	2013 TOTAL YEAR-TO-DATE # OF PERMITS	2012 JULY # OF PERMITS	2012 TOTAL YEAR-TO-DATE # OF PERMITS
Building Permits				
Commercial Remodeling	12	67	1	39
Community Residence	0	6	0	0
Demolition	0	1	0	0
Driveways	25	83	26	116
Electrical	9	71	14	66
Fences	24	118	20	127
Mechanical	19	103	20	112
Miscellaneous Permits	49	194	31	185
Multi-Family Remodeling	21	27	0	0
New Commercial	0	0	0	2
Plumbing	24	139	16	140
Pools	1	9	6	15
Residential Decks & Patios	22	101	20	97
Residential Garages	3	4	1	5
Residential Remodeling	16	89	7	64
Residential Sheds	1	18	3	25
Roofs/Siding	46	200	41	216
Signs	7	45	8	68
New Single Family Residences	0	0	0	0
Fire Permits				
Automatic Fire Alarms	4	38	2	18
Fuel Storage Tanks	0	0	0	0
Hood & Duct	4	10	2	8
Automatic Sprinklers	4	33	4	24
Lock Boxes	1	11	1	5
Pyrotechnic Displays	0	2	0	0
Other	0	10	0	8
TOTALS	292	1379	223	1340

Permit Revenue Comparison

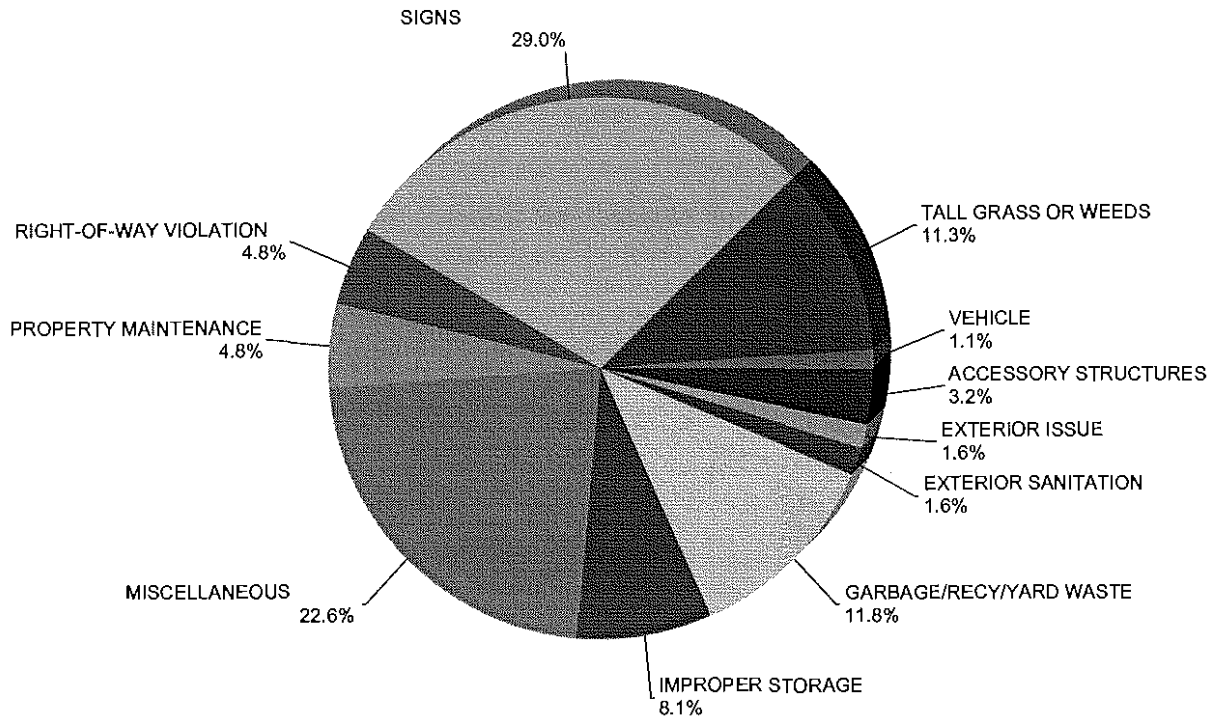
Year	2013	2012
Jan.	\$20,146	\$17,585
Feb	\$106,661	\$36,310
Mar	\$124,513	\$220,508
Apr	\$56,440	\$48,383
May	\$38,789	\$92,948
Jun	\$39,826	\$73,321
Jul	\$44,989	\$17,269
Aug	\$0	\$29,757
Sep	\$0	\$77,373
Oct	\$0	\$23,473
Nov	\$0	\$101,439
Dec	\$0	\$142,016
Revenue	\$431,364	\$880,382

2013 Budget: \$600,000



Total Revenue includes building permits, fire permits and Temporary Certificates of Occupancy.

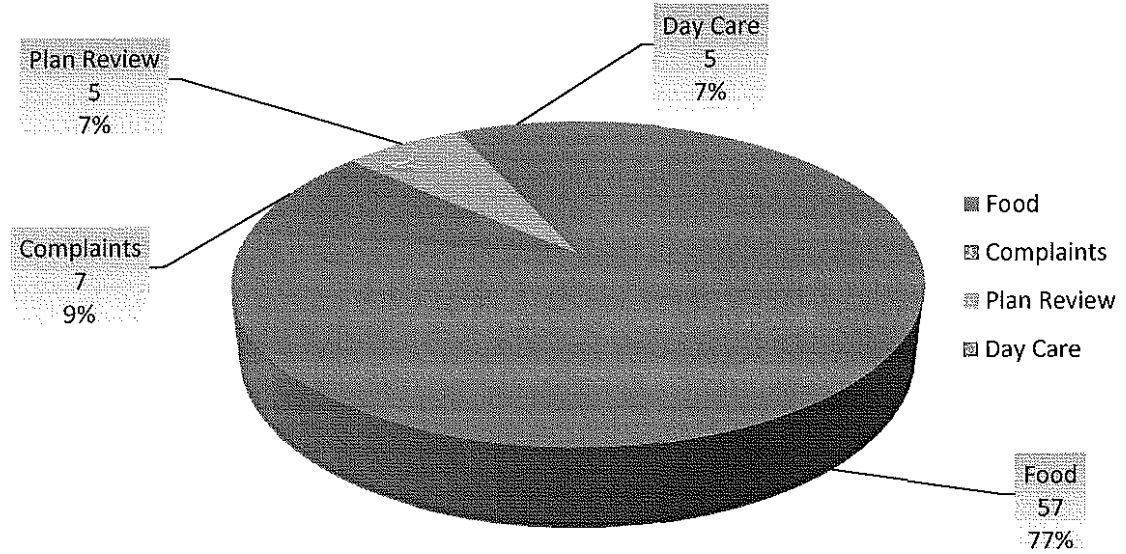
Monthly Property Maintenance Summary Report
Jul 1, 2013 - Jul 31, 2013



Violation Type	Monthly Total	YTD Total	Total # in 2012
ACCESSORY STRUCTURES	6	24	56
EXTERIOR ISSUE	3	291	196
EXTERIOR SANITATION	3	47	128
GARBAGE/RECY/YARD WASTE	22	315	543
IMPROPER STORAGE	15	323	354
INTERIOR ISSUE	0	28	34
MISCELLANEOUS	42	292	1,106
PROPERTY MAINTENANCE	9	88	87
RIGHT-OF-WAY VIOLATION	9	53	94
SIGNS	54	209	549
TALL GRASS OR WEEDS	21	311	298
VEHICLE	2	52	94
Totals	186	2033	3539

ENVIRONMENTAL HEALTH INSPECTION REPORT

74 Inspections/Site Visits



Activity	This Month	Year to Date
High Risk Food	9	216
Med Risk Food	4	92
Low Risk Food	44	64
Public Pools	0	24
Plan Review	5	30
Day Care	5	5
Complaint	7	30
Totals:	74	461

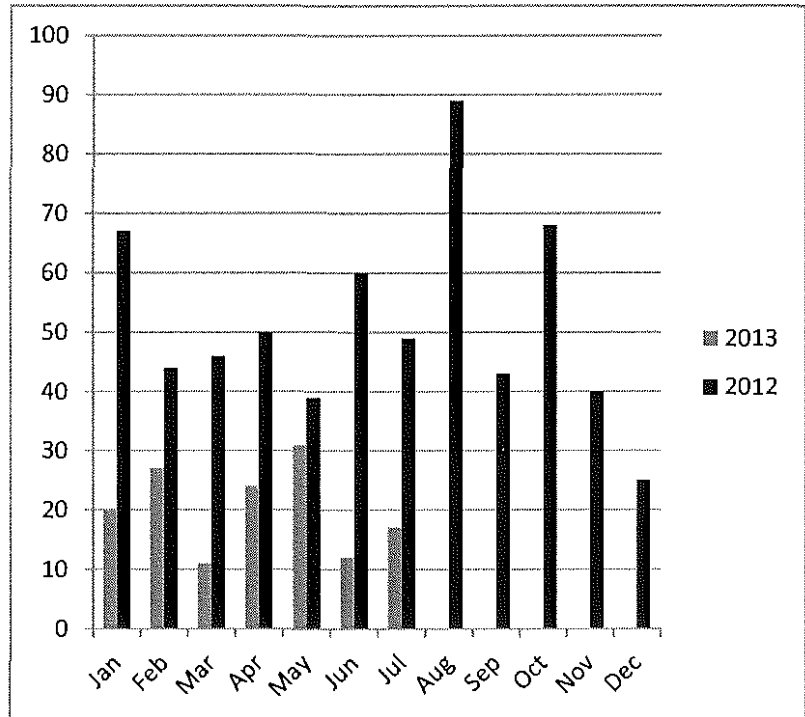
* Food establishments are divided into the risk categories of high, moderate or low risk. A high risk establishment presents a high relative risk of causing foodborne illness based on the large number of food handling operations typically implicated in foodborne outbreaks and/or the type of population served by the facility.

Code Enforcement staff have been monitoring foreclosure activity since 2008. In 2012, there were 315 foreclosures and 304 re-sales. The chart below shows an increase in activity. This trend continued through 2012, as more properties get funneled through the court system. However, staff has not seen an impact on our neighborhoods. This is due to several factors; our increased awareness on the streets, increased cooperation from property owners, increased communication from property servicers (ie: banks) and the fact that about half of the properties in question are condominiums. In July, 21 foreclosed homes were resold. Year-to-date, 164 foreclosed homes were resold.

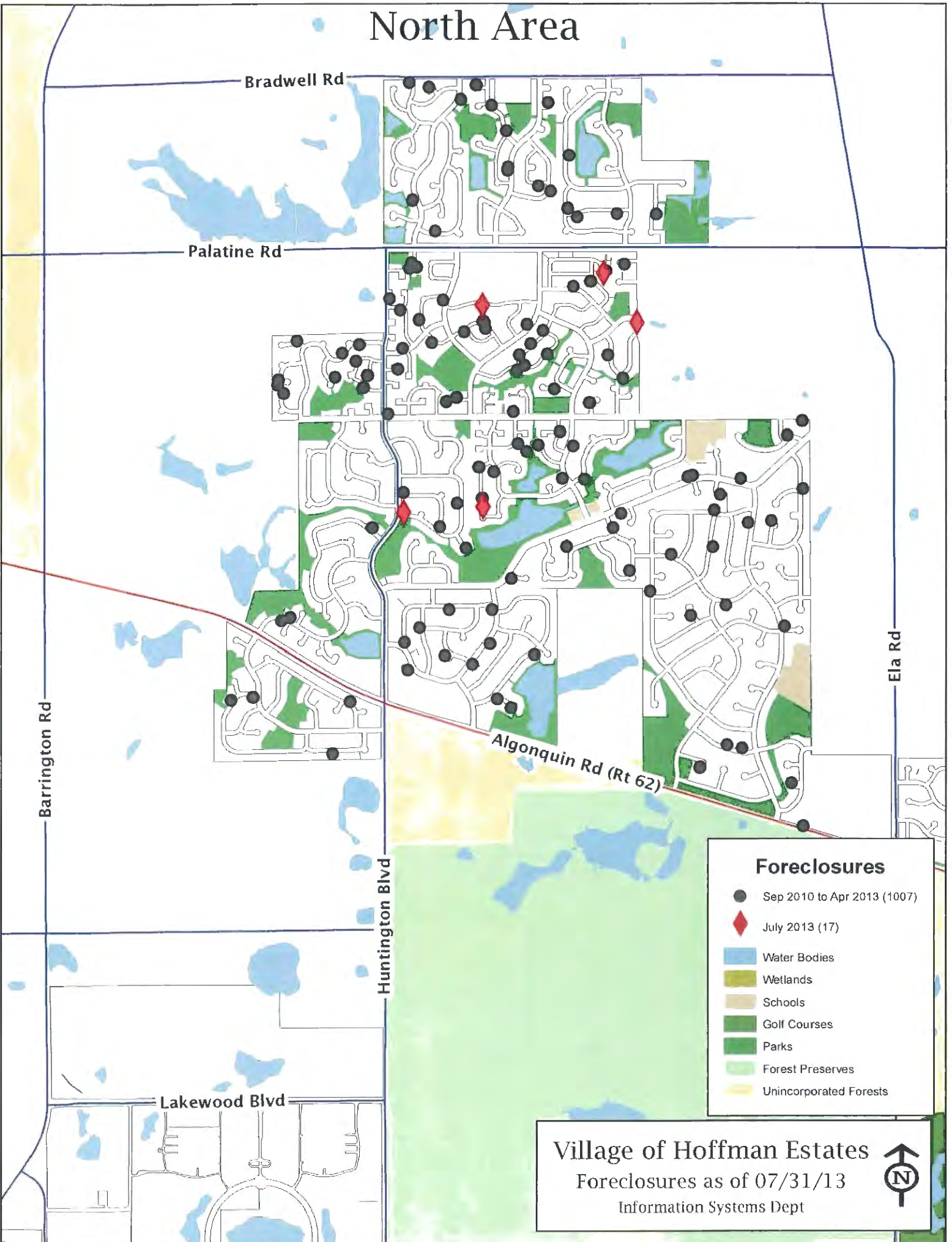
Foreclosure Activity

New Foreclosures Filed

Year	2013	2012
Jan	20	67
Feb	27	44
Mar	11	46
Apr	24	50
May	31	39
Jun	12	60
Jul	17	49
Aug		89
Sep		43
Oct		68
Nov		40
Dec		25



North Area



Foreclosures

- Sep 2010 to Apr 2013 (1007)
- ◆ July 2013 (17)
- Water Bodies
- Wetlands
- Schools
- Golf Courses
- Parks
- Forest Preserves
- Unincorporated Forests

Village of Hoffman Estates

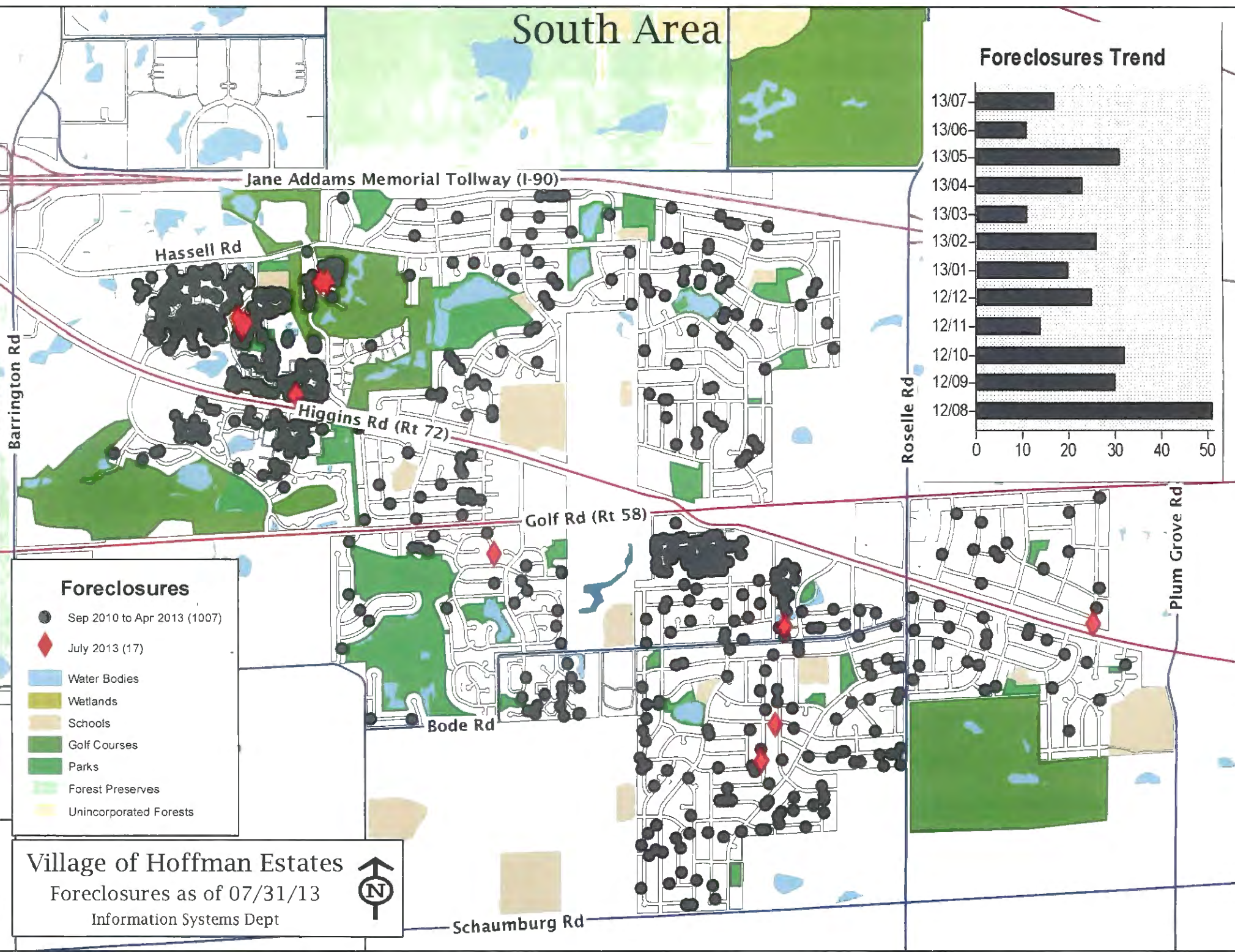
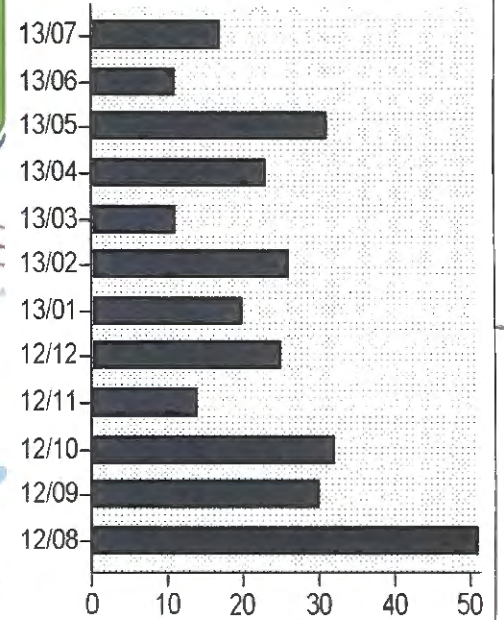
Foreclosures as of 07/31/13

Information Systems Dept



South Area

Foreclosures Trend



Foreclosures

- Sep 2010 to Apr 2013 (1007)
- ◆ July 2013 (17)
- Water Bodies
- Wetlands
- Schools
- Golf Courses
- Parks
- Forest Preserves
- Unincorporated Forests

Village of Hoffman Estates

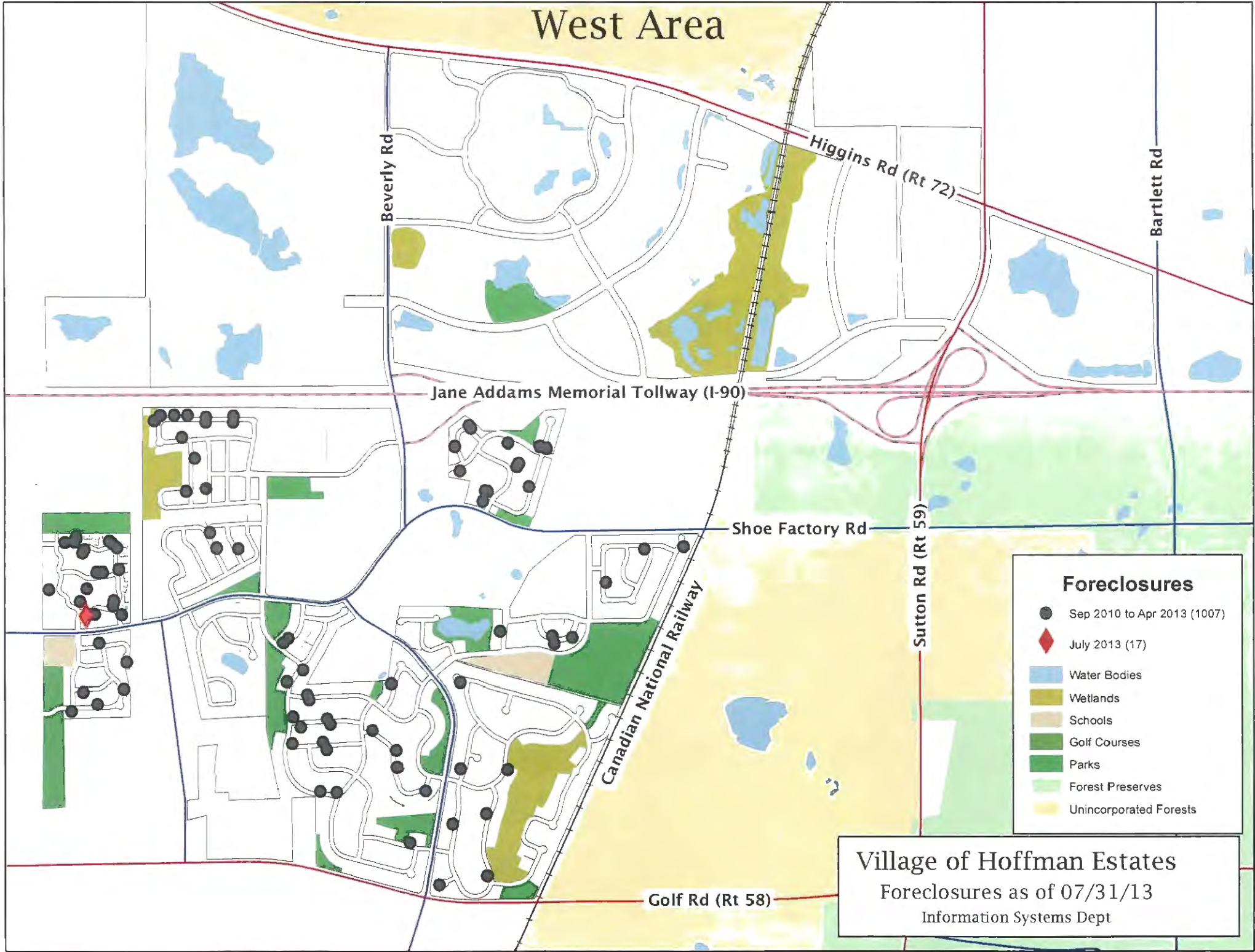
Foreclosures as of 07/31/13

Information Systems Dept



Schaumburg Rd

West Area



Foreclosures

- Sep 2010 to Apr 2013 (1007)
- ◆ July 2013 (17)
- Water Bodies
- Wetlands
- Schools
- Golf Courses
- Parks
- Forest Preserves
- Unincorporated Forests

Village of Hoffman Estates
Foreclosures as of 07/31/13
Information Systems Dept

**ECONOMIC DEVELOPMENT/TOURISM MONTHLY REPORT
AUGUST 2013**

GENERAL

- ◆ Summer is traditionally a slow time for economic development, and with Gary's retirement, Peter Gugliotta and Mark Koplín have been following up on specific projects and proposals.
- ◆ Preparation and planning for a manufacturing forum to be held at Harper Community College in early October continues. The goals and accomplishments of the Golden Corridor Manufacturing Group (GCMG) will be presented. The GCMG continues to meet periodically and Congresswoman Tammy Duckworth hosted a meeting in Schaumburg on August 23.
- ◆ Periodic International Food Fest meetings for the event on October 29.
- ◆ Internal meetings with Development Services staff to plan for a smooth transition in the Director position.

OFFICE/INDUSTRIAL

- ◆ Planning for the Golden Corridor Steering Committee meeting at ACME Industries and the completion of an area existing conditions report.

RETAIL

- ◆ ICSC - There are a couple potentially significant developments the economic development team discovered at the trade show and will be following-up on them.
- ◆ Consistent pursuit of sponsorships for the 59-90 website.
- ◆ Continued pursuit of a hardware store operator in Hoffman Estates.
- ◆ Ongoing dialogue with the purchaser of the Rose Plaza Shopping Center to explore visibility and leasing possibilities. It is now called Charles Plaza.
- ◆ Periodic meetings with service provider for the 59-90 website and marketing activities.
- ◆ Continued discussions regarding redevelopment proposals for the 75 and 85 East Golf Road properties, as well as future adjacent property.

TOURISM

- ◆ Fitness for America (July 19-21, 2013). Final statistics are being tallied to determine if the changes to this year's festival were effective in terms of growing participants. This year's event received a bump in sponsorship from the Alexian Healthcare Network (\$20,000 to \$25,000) allowing us to reach out to world class runners by offering a \$10,000 cash prize purse. Elite runners from Kenya participated as a result. The event has a proven tourism impact, drawing participants from across the country and internationally filling the hotels along Barrington and Higgins Roads. The evening start to the running events was a great draw, but a torrential downpour hit midway through the 5K event. Sunday's inline skating marathon saw sunny skies, but the diminished condition of the interior roadways in the AT&T campus resulted in an increase in the number of falls. We are exploring different locations for the event next year.

- ◆ Tour of Elk Grove. Volunteered at this weekend cycling event sponsored by the Alexian Healthcare Network (\$40,000) to get an insider's view of the event as we hope to increase sponsorship to Fitness for America for 2014.
- ◆ Illinois Recreational Cheerleading Association (IRCA) (December, 2013). Met with event organizers to discuss their intent to create a new event that would involve hosting an 8K event run through the Prairie Stone Business Park and conclude at the SCA. The event would conclude with a concert inside the arena open to participants of the 8K and the general public.
- ◆ TASTE 2013 (October 29, 2013). Extensive field work to encourage restaurants to participate in TASTE 2013 following an initial mailing to 140 food and beverage businesses in Hoffman Estates. Save the date mention in the Citizen will be followed by extensive article, flyer, and restaurant/dining guide map piece created by the Planning Division in the October Citizen. Changes to this year's event include demonstrations taking place in the tented pavilion at the Stonegate, master class arranged by Chef Patrick with the reps from Armagnac, and celebrated Chef Gale Gand will provide a brunch or dessert demo. Ticket price increased to \$20 this year.
- ◆ Bollywood 100th Year Celebration (September 2013 moved to November 2013). This event has been postponed from Labor Day weekend to a future date in November due to celebrity guests not being available to travel.
- ◆ Bad Ass Dash (BAD) event (spring 2014). Toured event organizers from this extreme sport event organizing company (Bad Ass Dash) after receiving a lead from Woodfield Convention and Visitors Bureau. The event previously located in Brookfield had 1,000 registered participants, but lost their location. Brought the event to Cabela's as the event's primary audience is military (a core customer base of Cabela's). Unfortunately, while attempting to secure permissions from the Prairie Stone Property Owners Association, the event was secured in Rosemont. SCA is currently working with BAD on a future date for spring 2014.
- ◆ Willow Creek Leadership Summit (August 8-9, 2013). Worked in the field to ensure Village hotels captured occupancy during the Leadership Summit that drew 8,000 participants. Previously negotiated exclusive agreement with Willow Creek to host only Village hotels on their event website without any cost to the hotels (previously required a \$250 listing fee and \$10 rebate on every room night captured).
- ◆ Hotel Development – Smith Travel Reports. Commissioned a trend report from Smith Travel Reports, the hospitality industry standard in statistics collection and analytics. Occupancy, Average Daily Rate (ADR), and Revenue Per Available Room (RevPar) are compiled from whatever competitive set you define and shown in a year-to-date and year over year comparative. This trend report showed favorable growth in all defined segments. The Stonegate is currently working with Blackstone (parent to LaQuinta Family of brands, now world's largest hotel ownership group since purchasing the Hilton family of brands), who is sourcing a full service hotel to be built flanking The Stonegate. The report is a tool economic development can provide to future inquiries by development groups seeking to build additional hotel properties in the Village.

- ◆ Hotels - marketing plans. Working in the field with individual hotel properties to provide information required by each to complete their marketing and annual plans suggesting growth in production may be limited so each property would seek to drive rate for 2014.
- ◆ Google - Get your business online program. Working to promote Google - Get your Business Online program. Strategized roll out of the opportunity for any of our businesses to go to the online tool created by Google that would allow them to create a website and have it hosted for free for one year. Following the first year, the hosting cost is nominal per year and includes automatic search engine optimization and upgrades to the website. Contacting Google reps to determine if they can come out and host a seminar that demonstrates how easily any business can follow established templates and have a professional looking website that they can maintain and update in-house. Google has provided T-shirts, post it notes, and pens that we can distribute at the learning seminars. The Village Clerk's listing now includes business websites, so we can easily target those without an existing website for the first seminar, and then target those with a static website with no drivers for the accelerated seminar.
- ◆ Senior Summer Celebration (August 21, 2013). Assisted Health & Human Services and Senior Commission in securing affordable entertainment, sponsorships, and activities for the Summer Senior Appreciation Event.
- ◆ Relay for Life (July 19, 2013). Assisted organization in securing Prairie Stone Fitness Center to relocate the event following fears of inclement weather. Provided contacts for potential vendors, sponsorships, team creation, and keynote speakers.
- ◆ Strides for Life (October 20, 2013). Assisted American Cancer Society to relocate the regional event from AT&T campus to Cabela's. Working with local organizing committee to ensure area businesses are notified of the opportunity to create a team, provide volunteers, become a sponsor, and publicize the event.
- ◆ Shootz & Ladders (September 21, 2013). Assisting Hoffman Estates Citizen Police Academy in their efforts to organize a softball game between the Police and Fire Departments, with proceeds from the event going towards the purchase of a new K9 Officer for our Police Department. Funds are to be raised through sale of commemorative T-shirts, food items, and raffle prizes.



Mark Koplin, Assistant Village Manager-Development Services