

VILLAGE OF GLENWOOD, COOK, COUNTY, ILLINOIS

LINCOLN & 394 CORRIDOR ENTERPRISE ZONE

ORDINANCE NUMBER NO. 2019 - _____

AN ORDINANCE FOR THE ESTABLISHMENT OF AN ENTERPRISE ZONE SUBJECT TO THE ENTERPRISE ZONE ACT OF THE STATE OF ILLINOIS.

WHEREAS, the State of Illinois Enterprise Zone Act (20 ILCS 655/1 et seq) provides for the creation of enterprise zones to encourage private sector investments in economically distressed areas throughout the State; and

WHEREAS, The Village of Beecher, The City of Chicago Heights, The Village of Crete, The Village of Ford Heights, The Village of Glenwood, The Village of Olympia Fields, The Village of Sauk Village, The Village of South Chicago Heights, The Village of Steger (the "Municipalities"), The County of Cook, and The County of Will (the "Counties") are organized and existing under the laws of that State of Illinois. Each have areas within their respective legal boundaries that are economically distressed and would benefit from private sector investments under the Illinois Enterprise Zone Act; and

WHEREAS, the aforesaid Municipalities and Counties have joined in the collective pursuit of a joint Enterprise Zone, subject to approval of their respective governing bodies; and

WHEREAS, it is determined that it is in the best interest of the citizens of the Counties and Municipalities to establish an Enterprise Zone and encourage private sector investments within said Enterprise Zone; and

WHEREAS, prior to filing of an application for approval of the designation of an Enterprise Zone under the Illinois Enterprise Zone Act, it is required that the Counties and Municipalities adopt an Ordinance designating the proposed Enterprise Zone; and

NOW, THEREFORE, BE IT ORDAINED BY The President and Board of Trustees of the Village of Glenwood, as follows:

SECTION 1: INCORPORATION BY REFERENCE

The above Recitals are incorporated herein by reference and become part of this Section as if fully stated herein.

SECTION 2: ENTERPRISE ZONE DESIGNATION

An Enterprise Zone is hereby declared and established as an Enterprise Zone by the Municipalities and the Counties pursuant to authority granted by the Illinois Enterprise Zone Act, as amended, subject to the approval by the Illinois Enterprise Zone Board and certification by the Illinois Department of Commerce and Economic Opportunity. This Enterprise Zone is hereby named and designated as the **LINCOLN & 394 CORRIDOR Enterprise Zone**.

SECTION 3: TERM

The term of the Enterprise Zone is fifteen (15) years, subject to the effective date of certification of the Enterprise Zone and the potential ten (10)-year renewal prescribed under the Illinois Enterprise Zone Act.

SECTION 4: DESCRIPTION OF ZONE

The area of the designated Enterprise Zone is described in the legal description in **EXHIBIT A** and as outlined in the map in **EXHIBIT B**, which exhibits are attached to this Ordinance and incorporated herein by reference (the "Zone Area").

SECTION 5: QUALIFICATIONS. The Municipalities and the Counties hereby declare and affirm that the Zone Area is qualified for designation as an Enterprise Zone in accordance with the provisions of the Illinois Enterprise Zone Act, and it is **FOUND:**

- a. The Zone Area is a contiguous area and comprised of the unincorporated areas of the Counties and the incorporated areas of the Municipalities;
- b. The Zone Area comprises an area larger than one-half square miles and not more than Fifteen square miles in total area;
- c. The Zone Area is a depressed area;
- d. The Zone Area addresses a reasonable need to encompass portions of more than one (1) municipality and adjacent unincorporated areas of the County;
- e. The Zone Area exceeds the minimum requirement of meeting 3 of the 10 criteria specified in the Illinois Enterprise Zone Act (20ILCS 655/4 (f));
- f. On the seventeenth day of September, 2019, a public hearing was conducted pursuant to a Notice duly published in a newspaper of general circulation, within the Zone Area, not more than 20 days nor less than 5 days before the hearing date, on the question of whether to create the Enterprise Zone, what local plans, tax incentives and other programs should be established in connection with the Enterprise Zone and what the boundaries of the Zone area should be;

- g. The Zone Area satisfies any additional criteria stated in the Illinois Enterprise Zone Act or established by the Rules of the Illinois Department of Commerce and Economic Opportunity;

All of the above stated **FINDINGS** are supported, sustained and consistent with the substantive materials contained in the Enterprise Zone Qualifications Report, attached hereto as **EXHIBIT C**, and incorporated herein by reference.

SECTION 6: INCENTIVES

The State of Illinois, Counties and Municipalities offer incentives designed to encourage businesses in the private sector to locate or expand within an Enterprise Zone, subject to terms, conditions, rules and legal limitations in the law:

STATE INCENTIVES

- **Sales Tax Exemption** - A 6.25 percent state sales tax exemption is permitted on building materials to be used in an Enterprise Zone. Materials must be permanently affixed to the property and must be purchased from a qualified retailer.
- **Enterprise Zone Machinery and Equipment Consumables/Pollution Control Facilities Sales Tax Exemption** - A 6.25 percent state sales tax exemption on purchases of tangible personal property to be used in the manufacturing or assembly process or in the operation of a pollution control facility within an Enterprise Zone is available. Eligibility is based on a business making an investment in an Enterprise Zone of at least \$5 million in qualified property that creates a minimum of 200 fulltime-equivalent jobs, a business investing at least \$40 million in a zone and retaining at least 2,000 jobs, or a business investing at least \$40 million in a zone which causes the retention of at least 80 percent of the jobs existing on the date it is certified to receive the exemption.
- **Enterprise Zone Utility Tax Exemption** - A state utility tax exemption on gas, electricity and the Illinois Commerce Commission's administrative charge and telecommunication excise tax is available to businesses located in Enterprise Zones. Eligible businesses must make an investment of at least \$5 million in qualified property that creates a minimum of 200 full-time equivalent jobs in Illinois, an investment of \$20 million that retains at least 1,000 full-time-equivalent jobs, or an investment of \$175 million that creates 150 full-time equivalent jobs in Illinois. The majority of the jobs created must be located In the Enterprise Zone where the investment occurs.
- **Enterprise Zone Investment Tax Credit** - A state investment tax credit of 0.5 percent is allowed a taxpayer who invests in qualified property in an Enterprise Zone. Qualified property includes machinery, equipment and buildings. The credit may be carried forward for up to five (5) years. This credit is in addition to the regular 0.5 percent Investment tax credit, which is available throughout the state, and up to 0.5 percent credit for increased employment over the

previous year.

- **Contribution Deduction** - Businesses may deduct double the value of a cash or in-kind contribution to an approved project of a Designated Enterprise Zone Organization from taxable income.

LOCAL INCENTIVES AND FEES

Local governments, through the assistance and coordination of the Enterprise Zone Administrator, may provide a variety of local incentives to further encourage economic growth and investment within enterprise zones. The incentives offered are determined by the Counties and Municipalities. The following local Enterprise Zone incentives are hereby offered:

- Abatement or reimbursement of 50% of the municipal portion of property taxes on new improvements for industrial, commercial, or institutional properties during the first five years following the completion of these improvements in accordance with Section 18-170 of the Property Tax Code (35 ILCS 200/18-170). This benefit will not be applicable if the project investor is also the recipient of tax relief under the terms of a tax increment finance (TIF) agreement or other substantial property tax abatement for this property provided by a unit of local government.
- Waiver of 50% of building permit fees for industrial, commercial, or institutional projects.
- The Enterprise Zone will provide officials of the Municipalities and the Counties that are signatories to the Intergovernmental Agreement, which is Attachment D to this Ordinance, with certain written documentation and materials relative to additional incentives, including public or not-for-profit financing and workforce development programs, which Municipal and County officials may make available to the project developer, and other interested individuals. There is no representation that the available documents and materials include all incentives and program available to the project.

The Zone Administrator shall file a copy of the Enterprise Zone's fee schedule with the Department of Commerce and Economic Opportunity by April 1 of each year. The Zone Administrator may charge up to 0.5% (one half of one percent) of the cost of building materials of the project associated with the Enterprise Zone, provided that a maximum fee of no more than \$50,000 is permitted (20 ILCS 655/8.2 (c)).

SECTION 7: INTERGOVERNMENTAL AGREEMENT

The Enterprise Zone shall be governed, managed and operated in accordance with the Intergovernmental Agreement between the Municipalities and the Counties as set forth in **EXHIBIT D**, which is attached hereto and incorporated into this Ordinance,

by reference. The attached Intergovernmental Agreement (**EXHIBIT D**) was presented to the legislative body of the Village of Glenwood and its attorney for review. The Village President is hereby directed to execute this Agreement, on behalf of the Village of Glenwood Further, the Village President or his or her designee is directed to sign all documents reasonably necessary in the furtherance of the Joint Application for said Enterprise Zone, to be filed with the Illinois Department of Commerce and Economic Opportunity.

SECTION 8: POLICY STATEMENT. The Municipalities and the Counties hereby declare and affirm that businesses using the Enterprise Zone will be encouraged to hire and utilize other businesses owned by individuals who are minorities, women, and persons with disabilities as defined in the Business Enterprise for Minorities, Women, and Persons with Disabilities Act (30 ILCS 575/0.01, *et seq.*). To further that goal, the Municipalities and the Counties agree as follows:

- a. **Creation of Policy Statement for Development:** The Municipalities and the Counties hereby establish the Enterprise Zone Policy Statement that expresses a desire for the commitment from Businesses within the Enterprise Zone to encourage the development of business entities owned by minorities, women, and persons with disabilities.
- b. **Creation of Policy Statement for Hiring:** The Municipalities and the Counties hereby establish the Enterprise Zone policy statement that expresses a desire and commitment from businesses to promote the hiring of individuals who are minorities, women, and persons with disabilities.
- c. **Creation of Policy Statement for Using other Businesses:** The Municipalities and the Counties hereby establish the Enterprise Zone policy statement that expresses a desire and commitment from businesses to promote the utilization of other businesses that are minority-owned, women-owned, or owned by persons disabilities.
- d. **Creation of a Database** - The Enterprise Zone Administrator will create a database and list of local businesses that are owned by minorities, women, and persons with disabilities. This information will be used as a matchmaking tool for Zone participants to diversify their subcontracting by utilizing businesses owned by minorities, women, and persons with disabilities.
- e. **Publish and Distribute Promotional Materials** - The Enterprise Zone Administrator will publish a brochure that will be provided to business owners within the Enterprise Zone that explains the benefits of utilizing businesses owned by minorities, women, and persons with disabilities.
- f. **Conduct Promotional Activities** - The Enterprise Zone Administrator will conduct at least one public meeting each year to describe the Enterprise Zone benefits for businesses owned by minorities, women, and persons with disabilities.
- g. **Incorporate Promotional Statement** - The Enterprise Zone Administrator will provide a statement on project applications, promotional materials, and Enterprise Zone publications that the Enterprise Zone encourages the use of

businesses owned by and the hiring of minorities, women, and people with disabilities.

- h. **Examine Participation** - The Enterprise Zone Administrator will establish measurements of participation of firms and persons defined under the Business Enterprise for Minorities, Women, and Persons with Disabilities Act (30 ILCS 575/0.01, et. seq.) to determine the effectiveness of these efforts and how they might be revised to optimize their impact.
- i. **Incorporate Affidavits from Zone Participants** - The Enterprise Zone Administrator will request that business applicants for Enterprise Zone benefits submit a signed Affidavit about their efforts to promote and encourage the utilization of businesses that are owned by minorities, women, and persons with disabilities.

SECTION 9: SEVERABILITY

This Ordinance and every provision thereof shall be considered severable and the invalidity of any section clause, paragraph, sentence or provision of this Ordinance will not affect the validity of any other portion of this Ordinance.

SECTION 10: PUBLICATION AND EFFECTIVE DATE

Village Clerk is hereby authorized to publish this Ordinance in pamphlet form. This Ordinance shall be in full force and effect from after its passage, approval and publication as required by law.

Presented, passed and approved this 1st day of October, 2019.

AYES: _____

NAYS: _____

ABSENT: _____

APPROVED this 1st day of October, 2019

Village President

ATTEST:

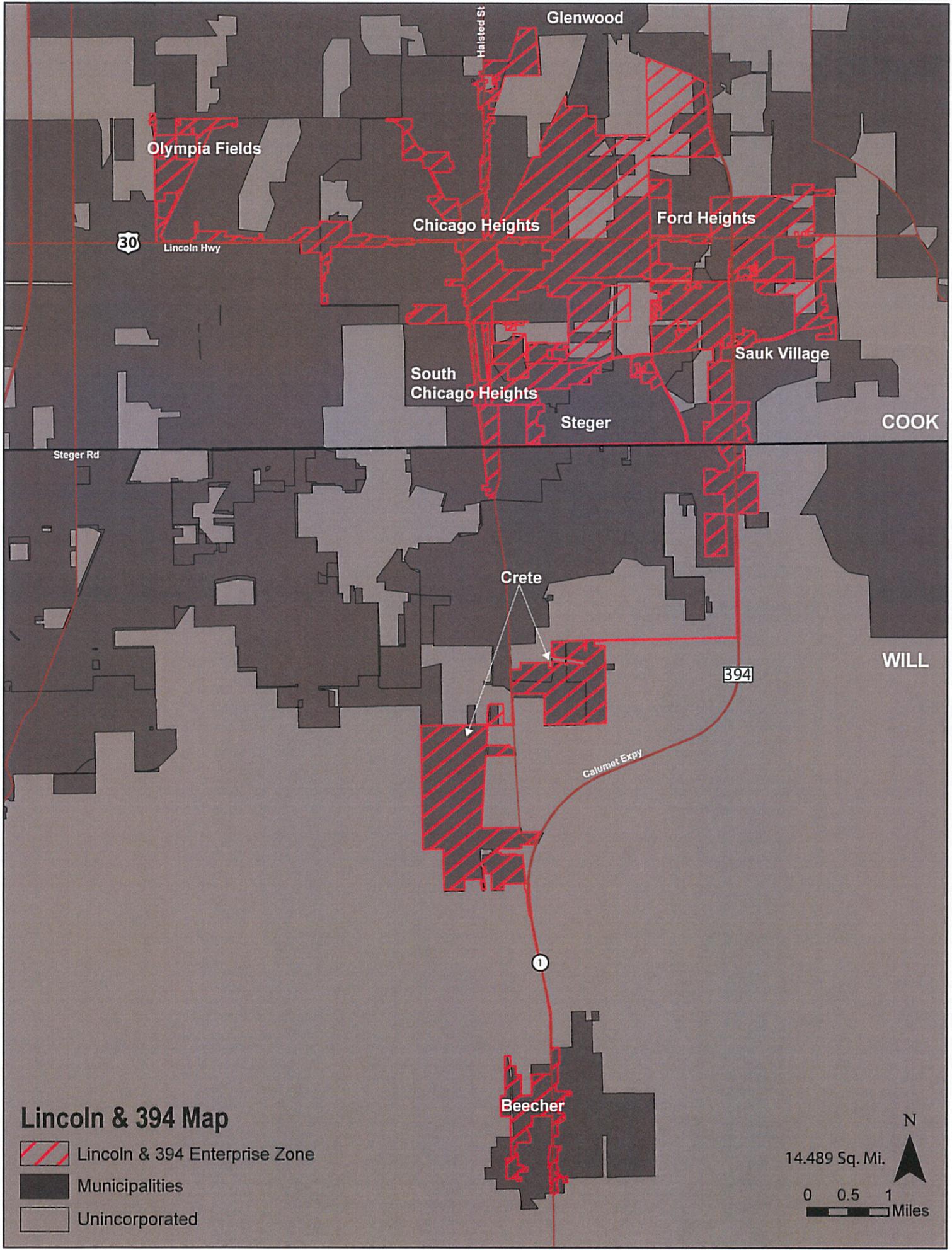
Village Clerk

EXHIBIT A

*Legal Description of the Enterprise Zone Area
(to be Added)*

EXHIBIT B

Map of the Enterprise Zone Area



Lincoln & 394 Map

-  Lincoln & 394 Enterprise Zone
-  Municipalities
-  Unincorporated

14.489 Sq. Mi.

0 0.5 1 Miles



EXHIBIT C

Enterprise Zone Qualifications Report



Lincoln & 394 Corridor Enterprise Zone Qualifications Report
Prepared by Teska Associates, Inc. for the Lincoln & 394 Corridor Collaborative
September 24, 2019

Teska Associates, Inc. was retained by the Lincoln & 394 Collaborative to prepare the application for the Lincoln & 394 Enterprise Zone (EZ), located in southern Cook County and eastern Will County, scheduled to expire in December 31, 2021 unless action is taken. As part of the process to hold a public hearing to present the Designating Ordinance and Intergovernmental Agreement (IGA), the Enterprise Zone (EZ) Qualifications Report provides evidence that the Lincoln & 394 Corridor EZ meets statutory requirements under (20 ILCS 655/) Illinois Enterprise Zone Act.

The Enterprise Zone Act consists of eleven (11) criteria and requires that an applicant meet at least three (3) of the criteria. As of the date of this report, at least nine (9) criteria meet the test in the legislation, exceeding the minimum number of tests required to qualify. It is further anticipated that at least two of the remaining three criteria will meet the test as well once all evidence is gathered.

Most of the tests as defined in the legislation are based on a "Local labor market area" (LLMA) which is defined as an economically integrated area where individuals reside and find employment within a reasonable distance or can easily change jobs without changing their place of residence. The LLMA must be contiguous, compact and within the State of Illinois, and include whole census tracts, to the extent possible.

The following presents completed tests with current findings of the EZ Qualifications Report and a summary of the results of each test.

Criteria 1 – Unemployment

Test:

- All or part of LLMA must reach an annual average unemployment rate of at least 120%

Result: Meets criteria

Evidence:

The LLMA demonstrates an unemployment rate of 6.7%, exceeding 120% of the statewide rate. In fact, the unemployment rate for the LLMA is 155% of the statewide rate of 5.2% in 2018.

LLMA's Total Population	LLMA's Total Labor Force	Total Employed Individuals In LLMA	Total Unemployed Individuals In LLMA	LLMA's Unemployment Rate
275,448	125,276	116,882	8,393	6.7%

Criteria 2: Employment

Test:

- Entities to invest a total of at least \$100 million and creation or retention of 1,000 FTE jobs* within the term of the zone

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Result: Twenty (21) letters received, totaling \$276,925,000 with 3,164 FTE jobs created or retained.

Evidence:

Business Entity	Period of Job Creation Retention	Estimated Jobs Created	Estimated Jobs Retained	Period of Capital Investment	Estimated Capital Investment
Dutch American Foods	8	35	20	8	\$700,000
Cosmos Manf. Inc.	10	30	40	10	\$1,500,000
Framarx Waxstar	10	18	50	10	\$1,000,000
Tufts Grinding, Inc.	10	25	42	10	\$7,000,000
JDM Steel Service, Inc	10	5	31	10	\$100,000
K&S Tire Recycling, Inc	10	20	30	10	\$100,000
MZG Associates, Inc	10	30	0	10	\$2,500,000
550 East 16 th St., LLC	10	2	8	10	\$350,000
JM Industries, LLC	10	10	20	10	\$3,500,000
Innophos, Inc	10		240	10	\$2,500,000
Morgan Li	10	150	100	10	\$3,000,000
AZ Plastics, Inc	10	4	20	10	\$200,000
Trial Co	10	5	50	10	\$5,000,000
Old Second Nat. Bank					
F.H. Ayer Manuf. Co	10	4	3	10	\$400,000
Gerresheimer Glass, Inc	10	30	210	10	\$40,000,000
Chicago Heights Steel	10	20	302	10	\$2,000,000
RelaDyne	10	40	50	10	\$4,000,000
Ford Motor Company	10		1500	10	\$200,000,000
Shane's Pawn Shop	10	2	10	10	\$75,000
Allied Waste Transport.	11	8	0	11	\$3,000,000

Criteria 3 – Poverty

Test:

The EZ must meet one of the three following tests:

- All or part of LLMA has a poverty rate of at least 20% **OR**
- 50%+ in LLMA are eligible to participate in federal free/reduced-price meals program **OR**
- 20%+ households in LLMA receive SNAP benefits

Result:

- Meets two (2) of three (3) tests, exceeding the requirement of meeting at least one of the tests

Evidence:

The LLMA has 23 Census Tracts, out of 64, with a poverty rate of at least 20%, shown below, meeting the first test of the criteria.

County Name	Tract #	Total Number of Household	Percent of Population Below Poverty
Cook County	8270	1,325	32.90%
Cook County	8271	1,100	39.40%
Cook County	8272	1,446	26.10%
Cook County	8273	1,055	43.00%
Cook County	8274	1,724	35.10%
Cook County	8276	1,243	21.80%
Cook County	8277	941	23.70%
Cook County	8290	460	54.10%
Cook County	8292	1,933	24.10%
Cook County	8293.02	1,277	39.70%
Cook County	8294.01	401	39.30%
Cook County	8285.04	1,989	26.00%
Cook County	8302.02	1,109	23.10%
Cook County	8285.03	1,601	20.10%
Cook County	8275	1,870	25.70%
Cook County	8295	1,436	25.60%
Cook County	8291	1,219	37.20%
Cook County	8300.07	1,736	25.10%
Cook County	8302.01	2,295	25.50%
Cook County	8303	2,314	22.10%
Cook County	8289	1,174	45.10%
Cook County	8297	1,627	33.00%
Cook County	8837	1,342	22.90%

The second part of the criteria shows that 74.8% of the LLMA is participating in the federal free or reduced-price meals program, according to reported statistics from the State Board of Education, 2017 - 2018 Report Card Data.

LLMA's Total Student Population	Students Participating in NSLP	LLMA's Rate of Participation
43,827	32,793	74.8%

Criteria 4 – Mines/Brownfields/Disasters:

Test:

- Documentation to prove if LLMA has any abandoned mines, brownfields, or experienced a federal disaster within (3) years prior to application date

Result:

- Meets brownfield criteria

Evidence:

The Illinois Environmental Protection Agency Site Remediation Program database has classified the following site locations, within the LLMA, as meeting the brownfield requirements, along with the 10-digit identification number (LPC#).

IEPA LPC #	Fed. Priority ID No.	Site Location, Name	Site Location, Address	Census Tract
031000000*	N/A	IDOT Sauk Trail Road	N/A	N/A
310450012	ILD048300412	ALCO Spring Industries	2300 Euclid Ave	8294.02
310450013	ILD000672956	Hobart Corporation	NE corner 14 th St &	8290.00
310450015	ILD049993165	Rohm & Haas Illinois	300 State St.	8287.02
310450016	ILD005110143	Rhone-Poulenc Basic	1101 Arnold St.	8290.00
310450030	ILD981788227	Dino's Quality Cleaners	348 West 14th St.	8293.02
310450043	ILD046583613	Allied Systems, Ltd.	263 State St.	8287.02
310450057		Stead Textiles	1334 State St.	8290.00
310455014	ILD984922278	Century Steel, LLC	300 East Joe Orr Rd.	8290.00
310455017	ILD069955466	ABEX Corporation-AMSCO	389 East 14th St.	8290.00
310455028	ILD062499272	Laroche Industries	10th & State St.	8297.00
310455032	ILD981952203	Bee Chemical	385 East Joe Orr Rd.	8287.02
310455038	ILR000065417	Action Wrecking, Inc.	1700 Wentworth Ave.	8291.00
310455049	ILD025358748	Magic Touch Cleaners	211 Olympia Plaza	8288.01
310455050	ILD072346224	Degussa Const.Chemical Op.	415 East 16th St.	8297.00

Criteria 5: Large Scale Business Closings

Test:

- LLMA has a presence of large employers downsized over years
- LLMA experienced plant closures in the (5) years prior to application date affecting 50+ workers
- LLMA experienced State or federal facility closures in the 5 years prior to the date of application affecting 50+ workers

Result:

- Meets first two tests (all three are not required)

Evidence:

Date of Layoff/ Closing	Business Entity / Facility Name	Private / Public (Federal / State)	Affected Workers	Census Tract
15-Nov-07	Leggett & Platt Corp.	Private	325	8290.00
23-Jul-09	Concord Steel	Private	64	8297.00
23-Oct-09	Federal Signal Corporation	Private	101	8836.02
26-Oct-09	Olympia Fields Country Club	Private	77	8300.05
24-Feb-10	Recycled Paper Greetings	Private	135	8836.02
07-Oct-10	Oshkosh Specialty Vehicles, Inc.	Private	92	8275.00
30-Jun-11	Jewel-Osco	Private	114	8300.05
14-Apr-12	Best Buy	Private	55	8300.06
16-Nov-12	World Kitchen, LLC	Private	180	8836.02
03-May-13	Hubbell Central Distribution Center	Private	82	8275.00
01-Nov-13	KMART Homewood	Private	185	8284.02
17-Apr-14	Illinois Central School Bus	Private	106	8836.02
20-Feb-15	ARYZTA	Private	85	8287.02

29-Apr-15	NCO Financial Systems, Inc.	Private	46	8300.06
04-May-15	UTi Integrated Logistics	Private	63	8836.02
02-Jun-15	Illinois Central School Bus	Private	78	8836.02
25-Aug-15	Reinhart Foodservice, LLC	Private	95	8836.06
12-Oct-15	Cracker Barrel	Private	70	8300.04
23-Nov-15	Balmoral Racing Club, Inc.	Private	52	8838.11
15-Sep-16	Keystone Calumet	Private	22	8289.00
30-Mar-17	Dollar Express	Private	138	8275.00
1/11/2018	Sam's Club	Private	166	8300.06
8/15/2018	Armacell LLC	Private	87	8283.00
9/06/2018	St James Hospital	Private	50	8289
11/25/2018	K-Mart	Private	55	8837

Criteria 6: Vacancy Rate

Test: Affected commercial or industrial parcels and/or units, with description of how parcels or units were determined to be vacant or deteriorated

Result: NIU database identifies certain vacancies and demolitions. Additional information is being collected from municipalities and CoStar

Evidence:

Industrial Sq. Ft.	Vacant / Demolished Industrial Sq. Ft.	Vacancy Rate
44,319,318	2,933,787	7%

Commercial Sq. Ft.	Vacant / Demolished Commercial Sq. Ft.	Vacancy Rate
23,340,823	3,176,343	13.6%

Criteria 8: Public Infrastructure Improvement Plan

Test:

- Provide inventory of the public infrastructure demonstrating significant public infrastructure exists in LLMA to support economic development (for each municipality or county)

Result:

Information is being compiled from South Suburban Mayors and Managers Association and all municipal and county members

Evidence:

Lincoln & 394 EZ boundaries were delineated based on the availability of development-ready sites in an areas with major infrastructure advantages including IL 394, US 30, US 1, and nearby access to I-80, I-94 and I-294.

The following public works projects have been completed in the past three years.

Unit of Government	Category of Infrastructure	Subcategory of Infrastructure	Description
Village of Beecher	Utility	Water & Sewer Facilities	Water main replacement
Village of Beecher	Utility	Water & Sewer Facilities	Water main connection
Village of Beecher	Transportation	Road	Road reconstruction
Village of Beecher	Transportation	Road	Resurface
Village of Beecher	Transportation	Road	Resurface
Village of Beecher	Transport./Capital	Road/sidewalk/street	Infrastructure improvement
Village of Beecher	Transport./Capital	Road/sidewalk/streets	Infrastructure improvement
Village of Beecher	Sewage treatment	Sewer plant	Facility improvement
Village of Crete	Utility	Water and Sewer Facilities	Water quality improvement
Village of Crete	Utility	Water and Sewer	Water main extension
Village of Crete	Public Safety	Hospital	Emergency Mgt Facility
Village of Crete	Commercial Site	Development	Capital improvement
Village of Crete	Transportation	Roads	Road Re-pavement
South Chicago Heights	Transportation/utility	Roads/water & sewer fac.	Road resurfacing/sewer line
Village of Olympia Fields	Transportation	Roads	(3) Interstate interchanges
Village of Olympia Fields	Transportation	Public transportation	211 th Street Metra Station
Village of Crete	Transportation	Road	Resurfacing
Village of Crete	Transportation	Road	Reconstruction
Village of Crete	Transportation	Road	Resurfacing
Village of Crete	Transportation	Road	Reconstruction

The following projects are funded through STP or the 2019 Capital Bill:

Item No.	Plan Date	Plan Name	Unit(s) of Government	Capital Improvement Projects
1	2020	IL Capital Bill	Village of Beecher	Watermain replacement (Gould St)
2	2020	IL Capital Bill	Village of Beecher	Watermain road connection
3	2020	Beecher Plan	Village of Beecher	Reconstruction of Penfield (Dixie to
4	2022	Beecher Plan	Village of Beecher	Road resurface
5	2023	Beecher Plan	Village of Beecher	Road resurface
6	2023	IL Capital Bill	Village of Beecher	Infrastructure improvement
7	2023	IL Capital Bill	Village of Beecher	Infrastructure improvement
8	2023	IL Capital Bill	Village of Beecher	Facility improvement
9	2019	STP	Village of Crete	Crete Road
10	2023	STP	Village of Crete	Burville Road
11	2019	STP	Village of Glenwood	187 th Street
12	2023	IL Capital Bill	Village of Glenwood	Capital improvement
13	2023	IL Capital Bill	Village of Glenwood	Elevated tank renovations
14	2023	IL Capital Bill	Village of Glenwood	Sewer flooding
15	2023	IL Capital Bill	Village of Ford Heights	Elevated water tank improvement
16	2023	IL Capital Bill	Village of Chicago Heights	Transportation and capital
17	2023	IL Capital Bill	Village of Chicago Heights	Public facility
18	2023	IL Capital Bill	Village of Olympia Fields	Infrastructure improvement
19	2023	IL Capital Bill	Village of Olympia Fields	Water, sewer, & facilities
20	2023	IL Capital Bill	Village of Olympia Fields	Capital renovations
21	2023	IL Capital Bill	Village of Olympia Fields	ADA sidewalks
22	2023	IL Capital Bill	Village of Sauk Village	Infrastructure improvement
23	2023	IL Capital Bill	Village of Sauk Village	Fire Hydrant & Water Valves
24	2023	IL Capital Bill	Vill. of S. Chicago Heights	Road enhancement
25	2023	IL Capital Bill	Vill. of S. Chicago Heights	Infrastructure improvements

26	2023	IL Capital Bill	Village of Steger	Water tower rehab
27	2023	IL Capital Bill	Village of Steger	Infrastructure improvements

Criteria 9 – Career Skills

Test:

- Support letters from at least one (1) high school and/or community college within the LLMA providing ACT Work Keys, Manufacturing Skills Standard Certification, or industry-based credentials

Result:

- Meets criteria – five (5) letters have been submitted

Evidence:

The high schools and community colleges listed below are located within the LLMA and offer ACT Work Keys, Manufacturing Skills Standard Certification, or industry-based credentials that prepare students for careers. Five (5) letters have been received from schools that verify the courses are part of the school curriculum and also offer similar courses related to those listed by the criteria. Support letters have been received from: **Bloom Township High School, Bloom Trail High School, Crete-Monee High School, Prairie State College, and Rich East High School**

Name of Institution	Census Tract	High School or Comm. College	Career Skills Offered
Beecher High School	8839.02	High School	Y
Bloom High School	8292.00	High School	Y
Bloom Trail High School	8297.00	High School	Y
Crete-Monee High School	8838.04	High School	Y
Homewood-Flossmoor H. S.	8298.00	High School	Y
Prairie State College/Main	8289.00	Comm. College	Y
Rich Central Campus High School	8300.05	High School	Y
Rich East Campus High School	8302.02	High School	Y
Rich South Campus High School	8300.08	High School	Y
South Suburban College/Main	8272.00	Comm. College	Y
Southland College Prep Chtr HS	8300.07	High School	N
Thornton Township High School	8271.00	High School	Y

Criteria 11 – Minorities, Women, & Persons w/Disabilities

Test:

- Policy statement adopted by each unit of government through an ordinance encouraging the hiring of and business participation owned by minorities, women, and persons with disabilities

Result:

- Meets criteria, statement is incorporated into the Draft Ordinance and Intergovernmental Agreement that has been agreed to by all seven (7) municipalities and two (2) counties. The

Ordinance and Intergovernmental Agreement will be available at the September 17, 2019 Public Hearing and will be adopted by each municipality and county prior to December 31, 2019.

Evidence:

The Ordinance and Intergovernmental Agreement establish policies for Minorities, Women, & Persons w/Disabilities

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Additional Criteria Expected to Meet Test

Criteria 7: Tax Base Improvement Plan

Test:

- Tax Base Improvement Plan specifying: (A) State/Local sales tax base (B) State income tax base (C) Property tax base

Result:

Information is being compiled based on assessed value data base and sales tax database

Evidence:

Information is being collected and calculated

Test Results to be Determined

Criteria 10: Equalized Assessed Valuation (EAV)

Test:

EAV must be equal to or less than 50% of State average increase for prior five (5) years

Result:

Information is being compiled based on assessed value data base

Evidence:

Information is being collected

EXHIBIT D

Intergovernmental Agreement

AN INTERGOVERNMENTAL AGREEMENT

BETWEEN

The Village of Beecher, The City of Chicago Heights, The Village of Crete, The Village of Ford Heights, The Village of Glenwood, The Village of Olympia Fields, The Village of Sauk Village, The Village of South Chicago Heights, The Village of Steger, The County of Cook, and the County of Will.

WHEREAS, The Village of Beecher, The City of Chicago Heights, The Village of Crete, The Village of Ford Heights, The Village of Glenwood, The Village of Olympia Fields, The Village of Sauk Village, The Village of South Chicago Heights, The Village of Steger (the “Municipalities”), The County of Cook, and the County of Will (the “Counties”) are organized and existing under the laws of that State of Illinois; and

WHEREAS, the State of Illinois Enterprise Zone Act (20 ILCS 655/1 et seq) provides for the creation of enterprise zones to encourage private sector investments in economically distressed areas throughout the State; and

WHEREAS, The Municipalities and the Counties have areas, within their respective legal boundaries, that are economically distressed and would benefit from private sector investments under the Enterprise Zone Act; and

WHEREAS, it is determined that it is in the best interest of the citizens of the Municipalities and the Counties to establish an Enterprise Zone and encourage private sector investments within said Enterprise Zone; and

WHEREAS, the aforesaid Municipalities and the Counties have joined in the collective pursuit of the creation of an Enterprise Zone, by approval of their respective governing bodies; and

WHEREAS, the Illinois Intergovernmental Cooperation Act, 5ILCS, Section 220/1 et seq, authorize counties and municipalities to exercise jointly with any public agency of the State, including other units of local government, any power, privilege, or authority which may be exercised by a unit of local government individually, and to enter into contracts for the performance of governmental services, activities, and undertakings; and

WHEREAS, pursuant to Article 7, Section 10 of the 1970 Constitution of the State of Illinois, the Counties and Municipalities are empowered to contract for the purposes set forth therein; and

WHEREAS, the Municipalities and the Counties have declared and established an Enterprise Zone pursuant the authority granted by the Illinois Enterprise Zone Act, as amended, subject to the approval by the Illinois Enterprise Zone Board and certification by the Illinois Department of Commerce and Economic Opportunity. This Enterprise Zone is named and designated as the “Lincoln and 394 Corridor” Enterprise Zone; and

WHEREAS, the Municipalities and the Counties desire to enter into this Intergovernmental Agreement for the governance, management, and operation of the Enterprise Zone (this “Agreement”); and

WHEREAS, the term of the Enterprise Zone is fifteen (15) years, subject to the effective date of January 1 of the first calendar year after certification by the Department of Commerce and Economic Opportunity and the potential ten (10) -year renewal enumerated in the Illinois Enterprise Zone Act; and

WHEREAS, the designated Enterprise Zone Area (or “Zone Area”) is described in the legal description in *EXHIBIT A* and as outlined in the map in *EXHIBIT B*, which exhibits are attached to this Agreement and incorporated herein by reference;

WHEREAS, the Zone Area exceeds the minimum requirement of meeting 3 of the 10 criteria specified in the Illinois Enterprise Act (20 ILCS 655/4 (f)); as demonstrated in the Enterprise Zone Qualifications Report, *EXHIBIT C* attached hereto; and

WHEREAS, the Municipalities and the Counties declared and affirmed that the Zone Area is qualified for designation as an Enterprise Zone in accordance with the provisions of the Enterprise Zone Act.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES CONTAINED HEREIN, THE RECITALS HEREIN ABOVE SET FORTH AND OTHER GOOD AND VALUABLE CONSIDERATIONS, RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED, IT IS HEREBY AGREED BETWEEN THE COUNTIES AND THE MUNICIPALITIES, AS FOLLOWS:

SECTION 1. INCORPORATION BY REFERENCE

The Preamble to this Agreement and all Exhibits referred to in this Agreement and its Preamble are hereby incorporated herein as if fully set forth in this Section 1.

SECTION 2. DESIGNATION

The Municipalities and the Counties shall adopt such Ordinances as are convenient and necessary to designate and implement an Enterprise Zone pursuant to the Illinois Enterprise Zone Act. This Enterprise Zone is named and known as the Lincoln & 394 Corridor Enterprise Zone.

SECTION 3. INCENTIVES

The State of Illinois, Counties and Municipalities offer incentives designed to encourage businesses in the private sector to locate and expand within Enterprise Zones, subject to terms, conditions, rules and limitations as legally provided.

STATE INCENTIVES

- **Sales Tax Exemption** – A 6.25 percent state sales tax exemption is permitted on building materials to be used in an Enterprise Zone. The Materials must be permanently affixed to the property and must be purchased from a qualified retailer.
- **Enterprise Zone Machinery and Equipment Consumables/Pollution Control Facilities Sales Tax Exemption** – A 6.25 percent state sales tax exemption of purchases of tangible personal property to be used in the manufacturing or assembly process or in the operation of a pollution control facility within an Enterprise Zone is

available. Eligibility is based on a business making an investment in an Enterprise Zone of at least \$5 million in qualified property that creates a minimum of 200 full-time-equivalent jobs, a business investing at least \$40 million in a zone and retaining at least 2,000 jobs, or a business investing at least \$40 million in a zone which causes the retention of at least 80 percent of the jobs existing on the date it is certified to receive the exemption.

- **Enterprise Zone Utility Tax Exemption** – A state utility tax exemption on gas, electricity and the Illinois Commerce Commission’s administrative charge and telecommunication excise tax is available to businesses located in Enterprise Zones. Eligible businesses must make an investment of at least \$5 million in qualified property that creates a minimum of 200 full-time equivalent jobs in Illinois, an investment of \$20 million that retains at least 1,000 full-time-equivalent jobs, or an investment of \$175 million that creates 150 full-time equivalent jobs in Illinois. The majority of the jobs created must be located in the Enterprise Zone where the investment occurs.
- **Enterprise Zone Investment Tax Credit** – A state investment tax credit of 0.5 percent is allowed a taxpayer who invests in qualified property in an Enterprise Zone. Qualified property includes machinery, equipment and buildings. The credit may be carried forward for up to five years. This credit is in addition to the regular 0.5 percent Investment tax credit, which is available throughout the state, and up to 0.5 percent credit for increased employment over the previous year.
- **Contribution Deduction** - Businesses may deduct double the value of a cash or in-kind contribution to an approved project of a Designated Enterprise Zone Organization from taxable income.

LOCAL INCENTIVES AND FEES

Local governments, through the assistance and coordination of the Enterprise Zone Administrator, may provide a variety of local incentives to further encourage economic growth and investment within enterprise zones. The incentives offered are determined by the Municipalities and the Counties. The following Enterprise Zone incentives are hereby offered:

- Abatement or reimbursement of 50 percent of the municipal portion of property taxes on new improvements for industrial, commercial, or institutional properties during the first five years following the completion of these improvements in accordance with Section 18-170 of the Property Tax Code (35 ILCS 200/18-170). This benefit will not be applicable if the project investor is also the recipient of tax relief for this property under the terms of a tax increment finance (TIF) agreement or other substantial property tax abatement provided by a unit of local government.
- Waiver of 50 percent of building permit fees for industrial, commercial, or institutional projects.
- The Enterprise Zone will provide officials of the Municipalities and the Counties that are

signatories to this Agreement with certain written documentation and materials relative to additional incentives, including public or not-for-profit financing and workforce development programs, which Municipal and County officials may make available to the project developer, and other interested individuals. There is no representation that the available documents and materials include all incentives and program available to the project.

The Enterprise Zone Administrator shall file a copy of the Enterprise Zone's fee schedule with the Department of Commerce and Economic Opportunity by April 1 of each year. The Zone Administrator may charge up to 0.5% of the cost of building materials of the project associated with the Enterprise Zone, provided that a maximum fee of no more than \$50,000 is permitted (20 ILCS 655/8.2 (c) as to each project.

SECTION 4. ZONE MANAGEMENT:

Upon approval of the Enterprise Zone and certification by the Department of Commerce and Economic Opportunity each party to this Agreement shall appoint a representative to serve and participate in a zone management organization that is hereby designated and to be known as the Joint Enterprise Zone Governing Council (the "Council"). The Council will by majority vote adopt rules and procedures for the management of the Enterprise Zone, including its financial matters. This Council is the governing body of the Enterprise Zone and will appoint the Zone Administrator. Decisions on appointment or removal of the Zone Administrator shall be made in the following manner:

- (a) Nominations shall be received from members of the Council for appointment of the Zone Administrator. Appointment of the Zone Administrator shall be by two-thirds vote of the Council.
- (b) The Zone Administrator may be removed by two-thirds vote of the Council.
- (c) The Zone Administrator must be an employee or officer of one of the Municipalities or one of the Counties.

SECTION 5. ZONE ADMINISTRATOR:

The Zone Administrator is responsible for the day-to-day operation of the Enterprise Zone including:

- (a) Supervise the implementation of the provisions of this Agreement and the Illinois Enterprise Zone Act.
- (b) Act as a liaison between the Counties, Municipalities, the Illinois Department of Commerce Economic Opportunity, Designated Zone Organizations, and other State, Federal and local agencies, whether public or private.
- (c) Conduct an ongoing evaluation of the Enterprise Zone Programs and submit evaluative reports at least annually to the Council.

- (d) Promote the coordination of other relevant programs, including, but not limited to, housing, community and economic development, small business, financial assistance and employment training within the Enterprise Zone.
- (e) Recommend qualified Designated Enterprise Zone Organizations to the Council.
- (f) Have other such duties as specified by the Council, including the appointment of authorized personnel as appropriate, to assure the smooth operation of the Enterprise Zone.

SECTION 6. DESIGNATED ZONE ORGANIZATIONS:

The Council, at its discretion, may select Designated Enterprise Zone Organizations, pursuant to the qualifications enumerated in the Enterprise Zone Act 20 ILCS 655/3(d) and delegate the performance of permissible services or functions to said Designated Enterprise Zone Organizations. Nothing herein shall be deemed to limit or restrict the right of the Council to delegate operational responsibilities to Designated Zone Organizations or other appropriate entities, as permitted by law, provided that no delegation including performance, services, or functions is effective until the proposed Designated Zone Organization is approved, pursuant to Application duly filed, by the Department of Commerce and Economic Opportunity.

SECTION 7: POLICY STATEMENT:

The Municipalities and the Counties hereby declare and affirm that businesses using the Enterprise Zone will be encouraged to hire and utilize other businesses owned by individuals who are minorities, women, and persons with disabilities as defined in the Business Enterprise for Minorities, Women, and Persons with Disabilities Act (30 ILCS 575/0.01, *et seq.*). To further that goal, the Municipalities and the Counties agree as follows:

- a. **Creation of Policy Statement for Development:** The Municipalities and the Counties hereby establish the Enterprise Zone Policy Statement that expresses a desire for the commitment from businesses within the Enterprise Zone to encourage the development of business entities owned by minorities, women, and persons with disabilities.
- b. **Creation of Policy Statement for Hiring:** The Municipalities and the Counties hereby establish the Enterprise Zone policy statement that expresses a desire and commitment from businesses to promote the hiring of individuals who are minorities, women, and persons with disabilities.
- c. **Creation of Policy Statement for Using other Businesses:** The Municipalities and the Counties hereby establish the Enterprise Zone policy statement that expresses a desire and commitment from businesses to promote the utilization of other businesses that are minority-owned, women-owned, or owned by persons disabilities.
- d. **Creation of a Database -** The Enterprise Zone Administrator will create a database and list of local businesses that are owned by minorities, women, and persons with disabilities. This information will be used as a matchmaking tool for Zone participants to diversify their

subcontracting by utilizing businesses owned by minorities, women, and persons with disabilities.

- e. **Publish and Distribute Promotional Materials** - The Enterprise Zone Administrator will publish a brochure that will be provided to business owners within the Zone that explains the benefits of utilizing businesses owned by minorities, women, and persons with disabilities.
- f. **Conduct Promotional Activities** - The Enterprise Zone Administrator will conduct at least one public meeting each year to describe the Zone benefits for businesses owned by minorities, women, and persons with disabilities.
- g. **Incorporate Promotional Statement** - The Enterprise Zone Administrator will provide a statement on project applications, promotional materials, and Zone publications that the Municipalities and the Counties of the Zone encourage the use of businesses owned by and the hiring of minorities, women, and people with disabilities.
- h. **Examine Participation** - The Enterprise Zone Administrator will establish measurements of participation of firms and persons defined under the Business Enterprise for Minorities, Women, and Persons with Disabilities Act (30 ILCS 575/0.01, et. seq.) to determine the effectiveness of these efforts and how they might be revised to optimize their impact.
- i. **Incorporate Affidavits from Zone Participants** - The Enterprise Zone Administrator will request that business applicants for Zone benefits submit a signed Affidavit about their efforts to promote and encourage the utilization of businesses that are owned by minorities, women, and persons with disabilities.

SECTION 8. AMENDMENTS TO THIS AGREEMENT:

This Agreement shall remain in full force and effect unless amended or modified by the mutual written agreement of the respective corporate authorities of the Municipalities and the Counties. Except as expressly set forth above, nothing contained within this paragraph shall be construed to bar or limit the rights of either the Counties or the Municipalities to enforce the terms of this Agreement.

SECTION 9. DURATION OF AGREEMENT:

This Agreement shall be in full force and effect during the legal existence of the Enterprise Zone unless duly terminated, amended, extended, renewed or revised by the mutual written agreement of the respective corporate authorities of the Municipalities and the Counties.

SECTION 10. REPRESENTATION BY THE PARTIES:

The Parties represent, warrant, and agree, to and with each other, that each has taken all necessary corporate and legal action to authorize the execution, delivery, and performance on their part of this Agreement, and the performance hereto by each will not be in contravention of any resolutions, ordinances, laws, contracts, or agreements to which it is a party or to which it is

subject. The Parties shall deliver to each other certified copies of all resolutions or ordinances authorizing the execution and performance of this Agreement.

SECTION 11. FAILURE TO ENFORCE:

The failure of any party hereto to enforce any of the provisions of this Agreement, or the waiver thereof in any instance, shall not be construed as a general waiver thereof in any instance, nor shall it be construed as a general waiver or relinquishment on its part of any such provision, but the same shall, nevertheless, be and remain in full force and effect.

SECTION 12. CAUSES BEYOND CONTROL:

No party to this Agreement shall be liable to another for failure, default or delay in performing any of its obligations hereunder, provided such failure, default or delay in performing any of its obligations specified herein is caused by strikes; by forces of nature; unavoidable accident; fire; acts of public enemy; or order of court. Should any of the foregoing occur, the parties hereto agree to proceed with diligence to do what is reasonable and necessary so that each party may perform its obligations under this Agreement.

SECTION 13. NOTICES:

Any notice required by this Agreement shall be in writing and shall be served by personal delivery on the municipal/county clerk or chief administrative officer of the receiving party. In lieu of personal service, required notices may be served by certified mail, return receipt requested, addressed to the municipal/county clerk or chief administrative officer of the receiving party. Notices shall be deemed served on the day of personal delivery or on the fourth day following mailing.

SECTION 14. RESERVATION OF RIGHTS:

Nothing in this Agreement is intended to confer a benefit or right of enforcement upon any third party. Further, the Municipalities and the Counties specifically reserve all rights, privileges and immunities conferred upon them by law.

SECTION 15. AGENCY:

No Party to this Agreement is an agent of any other Party, nor shall any Party incur any costs, expenses or obligations on behalf of another Party.

SECTION 16. COMPLETE AGREEMENT:

This Agreement sets forth the complete understanding between the parties relating to the terms and conditions hereof and any amendment hereto to be effective must be in writing and duly authorized by the respective corporate authorities of the Municipalities and the Counties.

SECTION 17. SEVERABILITY:

If any provision of this Agreement shall be declared invalid for any reason, such invalidation shall not affect other provisions of this Agreement which can be given effect without the invalid provisions and to this end the provisions of this Agreement are to be severable.

SECTION 18. CONSTRUCTION:

This Agreement shall be construed in accordance with the laws of the State of Illinois.

SECTION 19. EFFECTIVE DATE:

This Agreement shall be in full force and effect as of the date set forth below.

IN WITNESS THEREOF, the parties hereto have caused this Agreement to be executed in their respective corporate names by their respective officers hereunto duly authorized and their respective corporate seals to be hereunto affixed and attested by their respective officers having custody thereof the day and year first above written.

Dated this _____ day of _____, 2019

**Village of Beecher
Will County, Illinois, an Illinois
Municipal Corporation**

ATTEST:

By: _____
Village President

Village Clerk

Date

**City of Chicago Heights
Cook County, Illinois, an Illinois
Municipal Corporation**

ATTEST:

By: _____
Mayor

City Clerk

Date

**Village of Crete
Will County, Illinois, an Illinois
Municipal Corporation**

By: _____
Village President

ATTEST:

Village Clerk

Date

**Village of Ford Heights
Cook County, Illinois, an Illinois
Municipal Corporation**

By: _____
Mayor

ATTEST:

City Clerk

Date

**Village of Glenwood
Cook County, Illinois, an Illinois
Municipal Corporation**

By: _____
Village President

ATTEST:

Village Clerk

Date

**Village of Olympia Fields
Cook County, Illinois, an Illinois
Municipal Corporation**

ATTEST:

By: _____
Village President

Village Clerk

Date

**Village of Sauk Village
Cook/Will County, Illinois, an Illinois
Municipal Corporation**

ATTEST:

By: _____
President

Village Clerk

Date

**Village of South Chicago Heights
Cook County, Illinois, an Illinois
Municipal Corporation**

ATTEST:

By: _____
President

Village Clerk

Date

**Village of Steger
Cook/Will County Illinois, an Illinois
Municipal Corporation**

ATTEST:

By: _____
President

Village Clerk

Date

**County of Cook
A Body Politic and Corporate
Of the State of Illinois**

ATTEST:

By: _____
President

County Clerk

Approved as to form: _____
Assistant State's Attorney

Date

**County of Will
An Illinois Body Politic**

ATTEST:

By: _____
County Executive

County Clerk

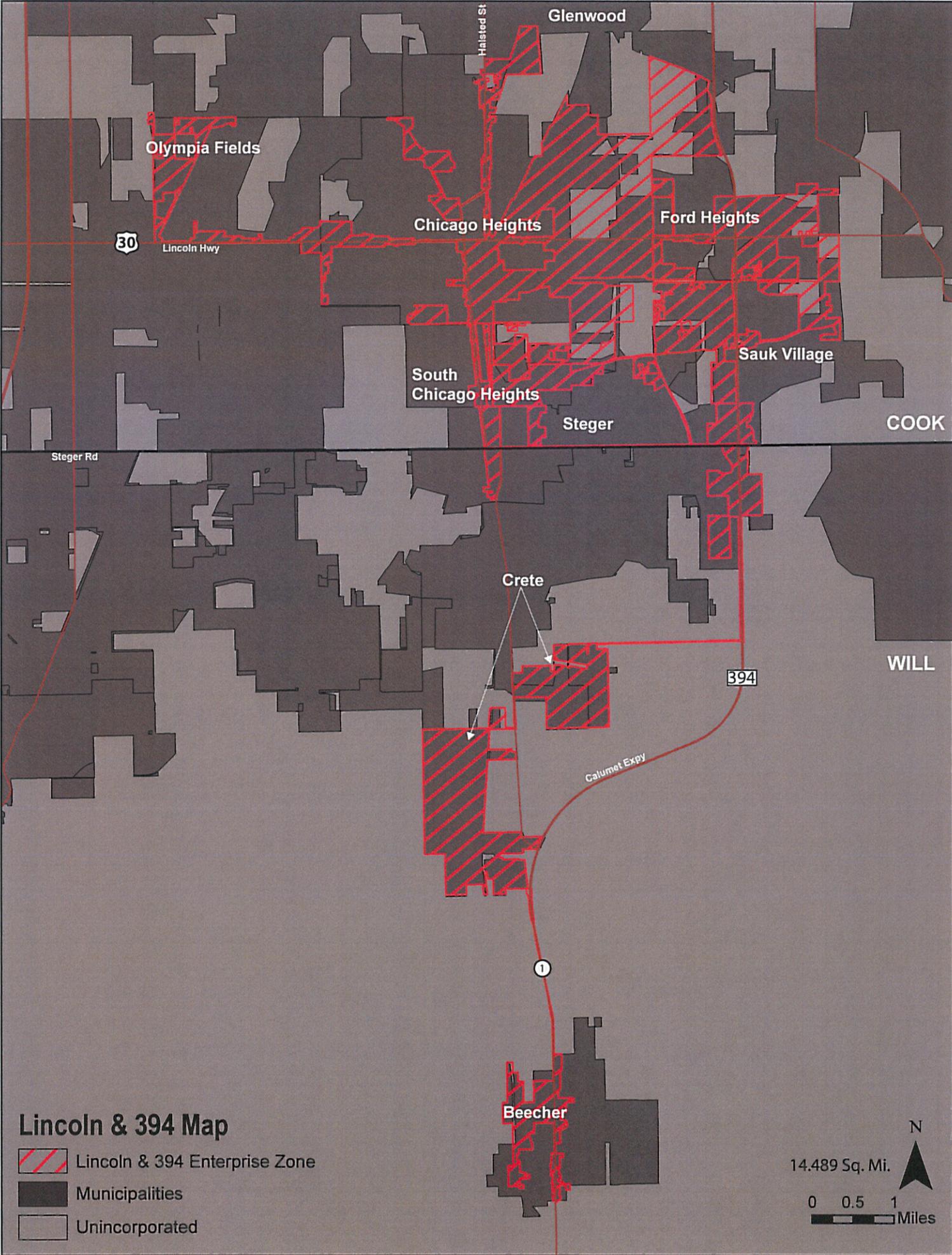
Date

EXHIBIT A

Legal Description of the Enterprise Zone Area

EXHIBIT B

Map of the Enterprise Zone Area



Lincoln & 394 Map

-  Lincoln & 394 Enterprise Zone
-  Municipalities
-  Unincorporated

14.489 Sq. Mi.

0 0.5 1 Miles



EXHIBIT C

Enterprise Zone Qualifications Report



Lincoln & 394 Corridor Enterprise Zone Qualifications Report
Prepared by Teska Associates, Inc. for the Lincoln & 394 Corridor Collaborative
September 24, 2019

Teska Associates, Inc. was retained by the Lincoln & 394 Collaborative to prepare the application for the Lincoln & 394 Enterprise Zone (EZ), located in southern Cook County and eastern Will County, scheduled to expire in December 31, 2021 unless action is taken. As part of the process to hold a public hearing to present the Designating Ordinance and Intergovernmental Agreement (IGA), the Enterprise Zone (EZ) Qualifications Report provides evidence that the Lincoln & 394 Corridor EZ meets statutory requirements under (20 ILCS 655/) Illinois Enterprise Zone Act.

The Enterprise Zone Act consists of eleven (11) criteria and requires that an applicant meet at least three (3) of the criteria. As of the date of this report, at least nine (9) criteria meet the test in the legislation, exceeding the minimum number of tests required to qualify. It is further anticipated that at least two of the remaining three criteria will meet the test as well once all evidence is gathered.

Most of the tests as defined in the legislation are based on a "Local labor market area" (LLMA) which is defined as an economically integrated area where individuals reside and find employment within a reasonable distance or can easily change jobs without changing their place of residence. The LLMA must be contiguous, compact and within the State of Illinois, and include whole census tracts, to the extent possible.

The following presents completed tests with current findings of the EZ Qualifications Report and a summary of the results of each test.

Criteria 1 – Unemployment

Test:

- All or part of LLMA must reach an annual average unemployment rate of at least 120%

Result: Meets criteria

Evidence:

The LLMA demonstrates an unemployment rate of 6.7%, exceeding 120% of the statewide rate. In fact, the unemployment rate for the LLMA is 155% of the statewide rate of 5.2% in 2018.

LLMA's Total Population	LLMA's Total Labor Force	Total Employed Individuals In LLMA	Total Unemployed Individuals In LLMA	LLMA's Unemployment Rate
275,448	125,276	116,882	8,393	6.7%

Criteria 2: Employment

Test:

- Entities to invest a total of at least \$100 million and creation or retention of 1,000 FTE jobs* within the term of the zone

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Result: Twenty (21) letters received, totaling \$276,925,000 with 3,164 FTE jobs created or retained.

Evidence:

Business Entity	Period of Job Creation Retention	Estimated Jobs Created	Estimated Jobs Retained	Period of Capital Investment	Estimated Capital Investment
Dutch American Foods	8	35	20	8	\$700,000
Cosmos Manf. Inc.	10	30	40	10	\$1,500,000
Framarx Waxstar	10	18	50	10	\$1,000,000
Tufts Grinding, Inc.	10	25	42	10	\$7,000,000
JDM Steel Service, Inc	10	5	31	10	\$100,000
K&S Tire Recycling, Inc	10	20	30	10	\$100,000
MZG Associates, Inc	10	30	0	10	\$2,500,000
550 East 16 th St., LLC	10	2	8	10	\$350,000
JM Industries, LLC	10	10	20	10	\$3,500,000
Innophos, Inc	10		240	10	\$2,500,000
Morgan Li	10	150	100	10	\$3,000,000
AZ Plastics, Inc	10	4	20	10	\$200,000
Trial Co	10	5	50	10	\$5,000,000
Old Second Nat. Bank					
F.H. Ayer Manuf. Co	10	4	3	10	\$400,000
Gerresheimer Glass, Inc	10	30	210	10	\$40,000,000
Chicago Heights Steel	10	20	302	10	\$2,000,000
RelaDyne	10	40	50	10	\$4,000,000
Ford Motor Company	10		1500	10	\$200,000,000
Shane's Pawn Shop	10	2	10	10	\$75,000
Allied Waste Transport.	11	8	0	11	\$3,000,000

Criteria 3 – Poverty

Test:

The EZ must meet one of the three following tests:

- All or part of LLMA has a poverty rate of at least 20% **OR**
- 50%+ in LLMA are eligible to participate in federal free/reduced-price meals program **OR**
- 20%+ households in LLMA receive SNAP benefits

Result:

- Meets two (2) of three (3) tests, exceeding the requirement of meeting at least one of the tests

Evidence:

The LLMA has 23 Census Tracts, out of 64, with a poverty rate of at least 20%, shown below, meeting the first test of the criteria.

County Name	Tract #	Total Number of Household	Percent of Population Below Poverty
Cook County	8270	1,325	32.90%
Cook County	8271	1,100	39.40%
Cook County	8272	1,446	26.10%
Cook County	8273	1,055	43.00%
Cook County	8274	1,724	35.10%
Cook County	8276	1,243	21.80%
Cook County	8277	941	23.70%
Cook County	8290	460	54.10%
Cook County	8292	1,933	24.10%
Cook County	8293.02	1,277	39.70%
Cook County	8294.01	401	39.30%
Cook County	8285.04	1,989	26.00%
Cook County	8302.02	1,109	23.10%
Cook County	8285.03	1,601	20.10%
Cook County	8275	1,870	25.70%
Cook County	8295	1,436	25.60%
Cook County	8291	1,219	37.20%
Cook County	8300.07	1,736	25.10%
Cook County	8302.01	2,295	25.50%
Cook County	8303	2,314	22.10%
Cook County	8289	1,174	45.10%
Cook County	8297	1,627	33.00%
Cook County	8837	1,342	22.90%

The second part of the criteria shows that 74.8% of the LLMA is participating in the federal free or reduced-price meals program, according to reported statistics from the State Board of Education, 2017 - 2018 Report Card Data.

LLMA's Total Student Population	Students Participating in NSLP	LLMA's Rate of Participation
43,827	32,793	74.8%

Criteria 4 – Mines/Brownfields/Disasters:

Test:

- Documentation to prove if LLMA has any abandoned mines, brownfields, or experienced a federal disaster within (3) years prior to application date

Result:

- Meets brownfield criteria

Evidence:

The Illinois Environmental Protection Agency Site Remediation Program database has classified the following site locations, within the LLMA, as meeting the brownfield requirements, along with the 10-digit identification number (LPC#).

IEPA LPC #	Fed. Priority ID No.	Site Location, Name	Site Location, Address	Census Tract
031000000*	N/A	IDOT Sauk Trail Road	N/A	N/A
310450012	ILD048300412	ALCO Spring Industries	2300 Euclid Ave	8294.02
310450013	ILD000672956	Hobart Corporation	NE corner 14 th St &	8290.00
310450015	ILD049993165	Rohm & Haas Illinois	300 State St.	8287.02
310450016	ILD005110143	Rhone-Poulenc Basic	1101 Arnold St.	8290.00
310450030	ILD981788227	Dino's Quality Cleaners	348 West 14th St.	8293.02
310450043	ILD046583613	Allied Systems, Ltd.	263 State St.	8287.02
310450057		Stead Textiles	1334 State St.	8290.00
310455014	ILD984922278	Century Steel, LLC	300 East Joe Orr Rd.	8290.00
310455017	ILD069955466	ABEX Corporation-AMSCO	389 East 14th St.	8290.00
310455028	ILD062499272	Laroche Industries	10th & State St.	8297.00
310455032	ILD981952203	Bee Chemical	385 East Joe Orr Rd.	8287.02
310455038	ILR000065417	Action Wrecking, Inc.	1700 Wentworth Ave.	8291.00
310455049	ILD025358748	Magic Touch Cleaners	211 Olympia Plaza	8288.01
310455050	ILD072346224	Degussa Const.Chemical Op.	415 East 16th St.	8297.00

Criteria 5: Large Scale Business Closings

Test:

- LLMA has a presence of large employers downsized over years
- LLMA experienced plant closures in the (5) years prior to application date affecting 50+ workers
- LLMA experienced State or federal facility closures in the 5 years prior to the date of application affecting 50+ workers

Result:

- Meets first two tests (all three are not required)

Evidence:

Date of Layoff/ Closing	Business Entity / Facility Name	Private / Public (Federal / State)	Affected Workers	Census Tract
15-Nov-07	Leggett & Platt Corp.	Private	325	8290.00
23-Jul-09	Concord Steel	Private	64	8297.00
23-Oct-09	Federal Signal Corporation	Private	101	8836.02
26-Oct-09	Olympia Fields Country Club	Private	77	8300.05
24-Feb-10	Recycled Paper Greetings	Private	135	8836.02
07-Oct-10	Oshkosh Specialty Vehicles, Inc.	Private	92	8275.00
30-Jun-11	Jewel-Osco	Private	114	8300.05
14-Apr-12	Best Buy	Private	55	8300.06
16-Nov-12	World Kitchen, LLC	Private	180	8836.02
03-May-13	Hubbell Central Distribution Center	Private	82	8275.00
01-Nov-13	KMART Homewood	Private	185	8284.02
17-Apr-14	Illinois Central School Bus	Private	106	8836.02
20-Feb-15	ARYZTA	Private	85	8287.02

29-Apr-15	NCO Financial Systems, Inc.	Private	46	8300.06
04-May-15	UTi Integrated Logistics	Private	63	8836.02
02-Jun-15	Illinois Central School Bus	Private	78	8836.02
25-Aug-15	Reinhart Foodservice, LLC	Private	95	8836.06
12-Oct-15	Cracker Barrel	Private	70	8300.04
23-Nov-15	Balmoral Racing Club, Inc.	Private	52	8838.11
15-Sep-16	Keystone Calumet	Private	22	8289.00
30-Mar-17	Dollar Express	Private	138	8275.00
1/11/2018	Sam's Club	Private	166	8300.06
8/15/2018	Armacell LLC	Private	87	8283.00
9/06/2018	St James Hospital	Private	50	8289
11/25/2018	K-Mart	Private	55	8837

Criteria 6: Vacancy Rate

Test: Affected commercial or industrial parcels and/or units, with description of how parcels or units were determined to be vacant or deteriorated

Result: NIU database identifies certain vacancies and demolitions. Additional information is being collected from municipalities and CoStar

Evidence:

Industrial Sq. Ft.	Vacant / Demolished Industrial Sq. Ft.	Vacancy Rate
44,319,318	2,933,787	7%

Commercial Sq. Ft.	Vacant / Demolished Commercial Sq. Ft.	Vacancy Rate
23,340,823	3,176,343	13.6%

Criteria 8: Public Infrastructure Improvement Plan

Test:

- Provide inventory of the public infrastructure demonstrating significant public infrastructure exists in LLMA to support economic development (for each municipality or county)

Result:

Information is being compiled from South Suburban Mayors and Managers Association and all municipal and county members

Evidence:

Lincoln & 394 EZ boundaries were delineated based on the availability of development-ready sites in an areas with major infrastructure advantages including IL 394, US 30, US 1, and nearby access to I-80, I-94 and I-294.

The following public works projects have been completed in the past three years.

Unit of Government	Category of Infrastructure	Subcategory of Infrastructure	Description
Village of Beecher	Utility	Water & Sewer Facilities	Water main replacement
Village of Beecher	Utility	Water & Sewer Facilities	Water main connection
Village of Beecher	Transportation	Road	Road reconstruction
Village of Beecher	Transportation	Road	Resurface
Village of Beecher	Transportation	Road	Resurface
Village of Beecher	Transport./Capital	Road/sidewalk/street	Infrastructure improvement
Village of Beecher	Transport./Capital	Road/sidewalk/streets	Infrastructure improvement
Village of Beecher	Sewage treatment	Sewer plant	Facility improvement
Village of Crete	Utility	Water and Sewer Facilities	Water quality improvement
Village of Crete	Utility	Water and Sewer	Water main extension
Village of Crete	Public Safety	Hospital	Emergency Mgt Facility
Village of Crete	Commercial Site	Development	Capital improvement
Village of Crete	Transportation	Roads	Road Re-pavement
South Chicago Heights	Transportation/utility	Roads/water & sewer fac.	Road resurfacing/sewer line
Village of Olympia Fields	Transportation	Roads	(3) Interstate interchanges
Village of Olympia Fields	Transportation	Public transportation	211 th Street Metra Station
Village of Crete	Transportation	Road	Resurfacing
Village of Crete	Transportation	Road	Reconstruction
Village of Crete	Transportation	Road	Resurfacing
Village of Crete	Transportation	Road	Reconstruction

The following projects are funded through STP or the 2019 Capital Bill:

Item No.	Plan Date	Plan Name	Unit(s) of Government	Capital Improvement Projects
1	2020	IL Capital Bill	Village of Beecher	Watermain replacement (Gould St)
2	2020	IL Capital Bill	Village of Beecher	Watermain road connection
3	2020	Beecher Plan	Village of Beecher	Reconstruction of Penfield (Dixie to
4	2022	Beecher Plan	Village of Beecher	Road resurface
5	2023	Beecher Plan	Village of Beecher	Road resurface
6	2023	IL Capital Bill	Village of Beecher	Infrastructure improvement
7	2023	IL Capital Bill	Village of Beecher	Infrastructure improvement
8	2023	IL Capital Bill	Village of Beecher	Facility improvement
9	2019	STP	Village of Crete	Crete Road
10	2023	STP	Village of Crete	Burville Road
11	2019	STP	Village of Glenwood	187 th Street
12	2023	IL Capital Bill	Village of Glenwood	Capital improvement
13	2023	IL Capital Bill	Village of Glenwood	Elevated tank renovations
14	2023	IL Capital Bill	Village of Glenwood	Sewer flooding
15	2023	IL Capital Bill	Village of Ford Heights	Elevated water tank improvement
16	2023	IL Capital Bill	Village of Chicago Heights	Transportation and capital
17	2023	IL Capital Bill	Village of Chicago Heights	Public facility
18	2023	IL Capital Bill	Village of Olympia Fields	Infrastructure improvement
19	2023	IL Capital Bill	Village of Olympia Fields	Water, sewer, & facilities
20	2023	IL Capital Bill	Village of Olympia Fields	Capital renovations
21	2023	IL Capital Bill	Village of Olympia Fields	ADA sidewalks
22	2023	IL Capital Bill	Village of Sauk Village	Infrastructure improvement
23	2023	IL Capital Bill	Village of Sauk Village	Fire Hydrant & Water Valves
24	2023	IL Capital Bill	Vill. of S. Chicago Heights	Road enhancement
25	2023	IL Capital Bill	Vill. of S. Chicago Heights	Infrastructure improvements

26	2023	IL Capital Bill	Village of Steger	Water tower rehab
27	2023	IL Capital Bill	Village of Steger	Infrastructure improvements

Criteria 9 – Career Skills

Test:

- Support letters from at least one (1) high school and/or community college within the LLMA providing ACT Work Keys, Manufacturing Skills Standard Certification, or industry-based credentials

Result:

- Meets criteria – five (5) letters have been submitted

Evidence:

The high schools and community colleges listed below are located within the LLMA and offer ACT Work Keys, Manufacturing Skills Standard Certification, or industry-based credentials that prepare students for careers. Five (5) letters have been received from schools that verify the courses are part of the school curriculum and also offer similar courses related to those listed by the criteria. Support letters have been received from: **Bloom Township High School, Bloom Trail High School, Crete-Monee High School, Prairie State College, and Rich East High School**

Name of Institution	Census Tract	High School or Comm. College	Career Skills Offered
Beecher High School	8839.02	High School	Y
Bloom High School	8292.00	High School	Y
Bloom Trail High School	8297.00	High School	Y
Crete-Monee High School	8838.04	High School	Y
Homewood-Flossmoor H. S.	8298.00	High School	Y
Prairie State College/Main	8289.00	Comm. College	Y
Rich Central Campus High School	8300.05	High School	Y
Rich East Campus High School	8302.02	High School	Y
Rich South Campus High School	8300.08	High School	Y
South Suburban College/Main	8272.00	Comm. College	Y
Southland College Prep Chtr HS	8300.07	High School	N
Thornton Township High School	8271.00	High School	Y

Criteria 11 – Minorities, Women, & Persons w/Disabilities

Test:

- Policy statement adopted by each unit of government through an ordinance encouraging the hiring of and business participation owned by minorities, women, and persons with disabilities

Result:

- Meets criteria, statement is incorporated into the Draft Ordinance and Intergovernmental Agreement that has been agreed to by all seven (7) municipalities and two (2) counties. The

Ordinance and Intergovernmental Agreement will be available at the September 17, 2019 Public Hearing and will be adopted by each municipality and county prior to December 31, 2019.

Evidence:

The Ordinance and Intergovernmental Agreement establish policies for Minorities, Women, & Persons w/Disabilities

Page | 8

Additional Criteria Expected to Meet Test

Criteria 7: Tax Base Improvement Plan

Test:

- Tax Base Improvement Plan specifying: (A) State/Local sales tax base (B) State income tax base (C) Property tax base

Result:

Information is being compiled based on assessed value data base and sales tax database

Evidence:

Information is being collected and calculated

Test Results to be Determined

Criteria 10: Equalized Assessed Valuation (EAV)

Test:

EAV must be equal to or less than 50% of State average increase for prior five (5) years

Result:

Information is being compiled based on assessed value data base

Evidence:

Information is being collected

VILLAGE OF GLENWOOD

COOK COUNTY, ILLINOIS

ORDINANCE NO. 2019 - _____

AN ORDINANCE AUTHORIZING THE DISPOSAL OF CERTAIN SURPLUS VEHICLES

ADOPTED BY THE PRESIDENT AND
BOARD OF TRUSTEES OF THE
VILLAGE OF GLENWOOD
THIS 1ST DAY OF OCTOBER, 2019

Published in pamphlet form
by authority of the President
and Board of Trustees of the
Village of Glenwood, Cook
County, Illinois this 1st day
of October, 2019.

ORDINANCE NO. 2019 - _____

AN ORDINANCE AUTHORIZING THE DISPOSAL OF CERTAIN SURPLUS VEHICLES

WHEREAS, the Municipal Code allows for the sale of Village owned surplus personal property in the manner designated by the Village's Board of Trustees with or without advertising for the sale of the property;

WHEREAS, the Village owns the vehicles identified on the attached Exhibit A which has exceeded its useful life and is no longer necessary or useful for Village purposes;

WHEREAS, the Village determines that each of the vehicles identified on the attached Exhibit A should be sold or, if sale is not possible, that they be sold for scrap/junk to an appropriate facility that will destroy said vehicles;

NOW, THEREFORE, be it ordained by the President and Board of Trustees of the Village of Glenwood, Cook County Illinois, pursuant to their home rule powers as follows:

SECTION 1: Recitals.

The forgoing recitals are a material part of this ordinance and are incorporated herein as if they were fully set forth in this section.

SECTION 2: Authorization to dispose of vehicles.

The Police Chief is directed to dispose of the vehicle identified on the attached Exhibit A by selling it "as is" pursuant to the Contract attached as Exhibit A. Or, if the Police Chief determines that the condition of the vehicle is such that it should not be sold, then she is directed to dispose of the vehicle identified on the attached Exhibit A by scraping them or junking them with an appropriate facility. Any payment(s) received for the sale, scraping or junking of said vehicles shall be given to the Village's Finance Director for deposit in to the Village's accounts. The Village Administrator

shall also be authorized to sign the Contract attached a Exhibit A, the title and any other documents on the Village's behalf that are necessary to transfer the ownership of a vehicle for the purpose of either selling/scraping/junking the vehicle pursuant to the terms of this ordinance.

SECTION 3: Home Rule.

This Ordinance, and each of its terms, shall be the effective legislative act of a home rule municipality without regard to whether such Ordinance should: (a) contain terms contrary to the provisions of current or subsequent non-preemptive state law; or (b) legislate in a manner or regarding a matter not delegated to municipalities by state law. It is the intent of the corporate authorities of the Village of Glenwood that to the extent that the terms of this Ordinance should be inconsistent with any non-preemptive state law, this Ordinance shall supersede state law in that regard within its jurisdiction.

SECTION 4: Effective date.

This Ordinance shall be in full force and effect immediately from and after its passage, approval, but subsequently published in pamphlet form.

PASSED by roll call vote this 1st day of October, 2019.

AYES:

NAYS:

ABSENT:

ABSTAIN:

APPROVED this 1st day of October, 2019.

Ronald J. Gardiner, Village President

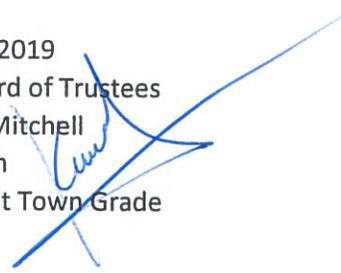
ATTEST:

Dion Lynch, Village Clerk

Exhibit A
(Surplus Vehicles)

Year/Make	Model	VIN
2009 Ford	Crown Victoria	2FAHP71V69X136672
2011 Ford	Crown Victoria	2FABP7BV5BX104080

DATE: September 13, 2019
TO: Mayor and Board of Trustees
THROUGH: Administrator Mitchell
FROM: Fire Chief Welsh
SUBJECT: Fire Department Town Grade



The Glenwood Fire Department just completed a comprehensive review and evaluation by the Insurance Services Office Inc. of Illinois (ISO). They determine a Public Protection Classification (PPC) for every Fire Department in Illinois and across the country through their affiliates. The PPC is utilized by insurance companies when determining property insurance rates and premiums for all homes and businesses in the town. The grades run from 10 to 1, with 10 being areas that have little or no fire protection available. The grade determines the inherent capabilities of the Fire Department when dealing with structure fires. An improvement in ISO grade will impact insurance premiums for property owners.

I am pleased to announce that effective December 1, 2019 your Village of Glenwood Fire Department has improved the PPC by moving to a Grade 3! This is a tremendous accomplishment and should benefit all property owners in the Village as their property insurance comes up for renewal!

I would like to thank all of the Firefighters who assisted with this grueling assessment process and also our ECOM 9-1-1 Dispatch partner, our Public Works (Water Department) as well as our neighboring Fire Departments who have contributed to this success. The PPC takes into account Dispatch, Incident Reporting, Equipment, Fire Flow Capacity, Water Systems, Personnel, Response, Deployment Risk Reduction, Training, Fire Prevention, Public Education and Fire Investigation capabilities.

Glenwood has shown steady progress and improvement over the years, dating back to 1964 when Chief William Zamperini received Glenwood's first ever PPC of Class 9. On July 20, 1965 the Fire Department was merged into the municipal government of Glenwood which allowed the Fire Department to achieve a Class 8 by making notable improvements to the equipment, manpower and water supply. This new rating took effect in June of 1966. On August 7, 1989 Glenwood's PPC was elevated to a Class 6 after the addition of full time staff and Chief as well as expanded equipment and many improvements to the water, training and dispatch systems. May 10, 2000 saw us improve to a Class 5. On December 1, 2009 the Glenwood Fire Department improved to a Class 4 where we are currently until our regrade to Class 3 takes effect December 1, 2019.

This accomplishment is a tremendous recognition of the true dedication of the men and women of the Glenwood Fire Department! This town grading will benefit every resident in a positive manner whether from realized cost savings through insurance premiums or the knowledge that their Firefighters are truly ready to accept and conquer any challenge put in front of them.



1000 Bishops Gate Blvd. Ste 300
Mt. Laurel, NJ 08054-5404

t1.800.444.4554 Opt.2
f1.800.777.3929

August 26, 2019

Mr. Ronald Gardiner, Mayor
Glenwood FPSA
One Asselborn Way
Glenwood, Illinois, 60425

RE: Glenwood Fpsa, Cook County, Illinois
Public Protection Classification: 03/3Y
Effective Date: December 01, 2019

Dear Mr. Ronald Gardiner,

We wish to thank you and Mr. Kevin Welsh for your cooperation during our recent Public Protection Classification (PPC) survey. ISO has completed its analysis of the structural fire suppression delivery system provided in your community. The resulting classification is indicated above.

If you would like to know more about your community's PPC classification, or if you would like to learn about the potential effect of proposed changes to your fire suppression delivery system, please call us at the phone number listed below.

ISO's Public Protection Classification Program (PPC) plays an important role in the underwriting process at insurance companies. In fact, most U.S. insurers – including the largest ones – use PPC information as part of their decision-making when deciding what business to write, coverage's to offer or prices to charge for personal or commercial property insurance.

Each insurance company independently determines the premiums it charges its policyholders. The way an insurer uses ISO's information on public fire protection may depend on several things – the company's fire-loss experience, ratemaking methodology, underwriting guidelines, and its marketing strategy.

Through ongoing research and loss experience analysis, we identified additional differentiation in fire loss experience within our PPC program, which resulted in the revised classifications. We based the differing fire loss experience on the fire suppression capabilities of each community. The new classifications will improve the predictive value for insurers while benefiting both commercial and residential property owners. We've published the new classifications as "X" and "Y" – formerly the "9" and "8B" portion of the split classification, respectively. For example:

- A community currently graded as a split 6/9 classification will now be a split 6/6X classification; with the "6X" denoting what was formerly classified as "9."
- Similarly, a community currently graded as a split 6/8B classification will now be a split 6/6Y classification, the "6Y" denoting what was formerly classified as "8B."

- Communities graded with single "9" or "8B" classifications will remain intact.
- Properties over 5 road miles from a recognized fire station would receive a class 10.

PPC is important to communities and fire departments as well. Communities whose PPC improves may get lower insurance prices. PPC also provides fire departments with a valuable benchmark, and is used by many departments as a valuable tool when planning, budgeting and justifying fire protection improvements.

ISO appreciates the high level of cooperation extended by local officials during the entire PPC survey process. The community protection baseline information gathered by ISO is an essential foundation upon which determination of the relative level of fire protection is made using the Fire Suppression Rating Schedule.

The classification is a direct result of the information gathered, and is dependent on the resource levels devoted to fire protection in existence at the time of survey. Material changes in those resources that occur after the survey is completed may affect the classification. Although ISO maintains a pro-active process to keep baseline information as current as possible, in the event of changes please call us at 1-800-444-4554, option 2 to expedite the update activity.

ISO is the leading supplier of data and analytics for the property/casualty insurance industry. Most insurers use PPC classifications for underwriting and calculating premiums for residential, commercial and industrial properties. The PPC program is not intended to analyze all aspects of a comprehensive structural fire suppression delivery system program. It is not for purposes of determining compliance with any state or local law, nor is it for making loss prevention or life safety recommendations.

If you have any questions about your classification, please let us know.

Sincerely,

Alex Shubert

Alex Shubert
Manager -National Processing Center

cc: Mr. Patrick McAneney, Director of Public Works, GLENWOOD WATER DEPT
Mr. Kevin Welsh, Chief, Glenwood Fire Department
Ms. Jeanine Krull, Director, E-Com

**Public Protection Classification
(PPC™)
Summary Report**

Glenwood FPSA

ILLINOIS

Prepared by

**Insurance Services Office, Inc.
1000 Bishops Gate Blvd., Ste. 300
P.O. Box 5404
Mt. Laurel, New Jersey 08054-5404
1-800-444-4554**

**Report Created August, 2019
Effective December 1, 2019**

Background Information

Introduction

ISO collects and evaluates information from communities in the United States on their structure fire suppression capabilities. The data is analyzed using our Fire Suppression Rating Schedule (FSRS) and then a Public Protection Classification (PPC™) grade is assigned to the community. The surveys are conducted whenever it appears that there is a possibility of a PPC change. As such, the PPC program provides important, up-to-date information about fire protection services throughout the country.

The FSRS recognizes fire protection features only as they relate to suppression of first alarm structure fires. In many communities, fire suppression may be only a small part of the fire department's overall responsibility. ISO recognizes the dynamic and comprehensive duties of a community's fire service, and understands the complex decisions a community must make in planning and delivering emergency services. However, in developing a community's PPC grade, only features related to reducing property losses from structural fires are evaluated. Multiple alarms, simultaneous incidents and life safety are not considered in this evaluation. The PPC program evaluates the fire protection for small to average size buildings. Specific properties with a Needed Fire Flow in excess of 3,500 gpm are evaluated separately and assigned an individual PPC grade.

A community's investment in fire mitigation is a proven and reliable predictor of future fire losses. Statistical data on insurance losses bears out the relationship between excellent fire protection – as measured by the PPC program – and low fire losses. So, insurance companies use PPC information for marketing, underwriting, and to help establish fair premiums for homeowners and commercial fire insurance. In general, the price of fire insurance in a community with a good PPC grade is substantially lower than in a community with a poor PPC grade, assuming all other factors are equal.

ISO is an independent company that serves insurance companies, communities, fire departments, insurance regulators, and others by providing information about risk. ISO's expert staff collects information about municipal fire suppression efforts in communities throughout the United States. In each of those communities, ISO analyzes the relevant data and assigns a PPC grade – a number from 1 to 10. Class 1 represents an exemplary fire suppression program, and Class 10 indicates that the area's fire suppression program does not meet ISO's minimum criteria.

ISO's PPC program evaluates communities according to a uniform set of criteria, incorporating nationally recognized standards developed by the National Fire Protection Association and the American Water Works Association. A community's PPC grade depends on:

- **Needed Fire Flows**, which are representative building locations used to determine the theoretical amount of water necessary for fire suppression purposes.
- **Emergency Communications**, including emergency reporting, telecommunicators, and dispatching systems.
- **Fire Department**, including equipment, staffing, training, geographic distribution of fire companies, operational considerations, and community risk reduction.
- **Water Supply**, including inspection and flow testing of hydrants, alternative water supply operations, and a careful evaluation of the amount of available water compared with the amount needed to suppress fires up to 3,500 gpm.

Data Collection and Analysis

ISO has evaluated and classified over 46,000 fire protection areas across the United States using its FSRS. A combination of meetings between trained ISO field representatives and the dispatch center coordinator, community fire official, and water superintendent is used in conjunction with a comprehensive questionnaire to collect the data necessary to determine the PPC grade. In order for a community to obtain a grade better than a Class 9, three elements of fire suppression features are reviewed. These three elements are Emergency Communications, Fire Department, and Water Supply.

A review of the **Emergency Communications** accounts for 10% of the total classification. This section is weighted at **10 points**, as follows:

- Emergency Reporting 3 points
- Telecommunicators 4 points
- Dispatch Circuits 3 points

A review of the **Fire Department** accounts for 50% of the total classification. ISO focuses on a fire department's first alarm response and initial attack to minimize potential loss. The fire department section is weighted at **50 points**, as follows:

- Engine Companies 6 points
- Reserve Pumpers 0.5 points
- Pump Capacity 3 points
- Ladder/Service Companies 4 points
- Reserve Ladder/Service Trucks 0.5 points
- Deployment Analysis 10 points
- Company Personnel 15 points
- Training 9 points
- Operational considerations 2 points
- Community Risk Reduction 5.5 points (in addition to the 50 points above)

A review of the **Water Supply** system accounts for 40% of the total classification. ISO reviews the water supply a community uses to determine the adequacy for fire suppression purposes. The water supply system is weighted at **40 points**, as follows:

- Credit for Supply System 30 points
- Hydrant Size, Type & Installation 3 points
- Inspection & Flow Testing of Hydrants 7 points

There is one additional factor considered in calculating the final score – **Divergence**.

Even the best fire department will be less than fully effective if it has an inadequate water supply. Similarly, even a superior water supply will be less than fully effective if the fire department lacks the equipment or personnel to use the water. The FSRs score is subject to modification by a divergence factor, which recognizes disparity between the effectiveness of the fire department and the water supply.

The Divergence factor mathematically reduces the score based upon the relative difference between the fire department and water supply scores. The factor is introduced in the final equation.

PPC Grade

The PPC grade assigned to the community will depend on the community's score on a 100-point scale:

PPC	Points
1	90.00 or more
2	80.00 to 89.99
3	70.00 to 79.99
4	60.00 to 69.99
5	50.00 to 59.99
6	40.00 to 49.99
7	30.00 to 39.99
8	20.00 to 29.99
9	10.00 to 19.99
10	0.00 to 9.99

The classification numbers are interpreted as follows:

- Class 1 through (and including) Class 8 represents a fire suppression system that includes an FSRs creditable dispatch center, fire department, and water supply.
- Class 8B is a special classification that recognizes a superior level of fire protection in otherwise Class 9 areas. It is designed to represent a fire protection delivery system that is superior except for a lack of a water supply system capable of the minimum FSRs fire flow criteria of 250 gpm for 2 hours.
- Class 9 is a fire suppression system that includes a creditable dispatch center, fire department but no FSRs creditable water supply.
- Class 10 does not meet minimum FSRs criteria for recognition, including areas that are beyond five road miles of a recognized fire station.

New PPC program changes effective July 1, 2014

We have revised the PPC program to capture the effects of enhanced fire protection capabilities that reduce fire loss and fire severity in Split Class 9 and Split Class 8B areas (as outlined below). This new structure benefits the fire service, community, and property owner.

New classifications

Through ongoing research and loss experience analysis, we identified additional differentiation in fire loss experience within our PPC program, which resulted in the revised classifications. We based the differing fire loss experience on the fire suppression capabilities of each community. The new PPC classes will improve the predictive value for insurers while benefiting both commercial and residential property owners. Here are the new classifications and what they mean.

Split classifications

When we develop a split classification for a community — for example 5/9 — the first number is the class that applies to properties within 5 road miles of the responding fire station and 1,000 feet of a creditable water supply, such as a fire hydrant, suction point, or dry hydrant. The second number is the class that applies to properties within 5 road miles of a fire station but beyond 1,000 feet of a creditable water supply. We have revised the classification to reflect more precisely the risk of loss in a community, replacing Class 9 and 8B in the second part of a split classification with revised designations.

What's changed with the new classifications?

We've published the new classifications as "X" and "Y" — formerly the "9" and "8B" portion of the split classification, respectively. For example:

- A community currently displayed as a split 6/9 classification will now be a split 6/6X classification; with the "6X" denoting what was formerly classified as "9".
- Similarly, a community currently graded as a split 6/8B classification will now be a split 6/6Y classification, the "6Y" denoting what was formerly classified as "8B".
- Communities graded with single "9" or "8B" classifications will remain intact.

Prior Classification	New Classification
1/9	1/1X
2/9	2/2X
3/9	3/3X
4/9	4/4X
5/9	5/5X
6/9	6/6X
7/9	7/7X
8/9	8/8X
9	9

Prior Classification	New Classification
1/8B	1/1Y
2/8B	2/2Y
3/8B	3/3Y
4/8B	4/4Y
5/8B	5/5Y
6/8B	6/6Y
7/8B	7/7Y
8/8B	8/8Y
8B	8B

What's changed?

As you can see, we're still maintaining split classes, but it's how we represent them to insurers that's changed. The new designations reflect a reduction in fire severity and loss and have the potential to reduce property insurance premiums.

Benefits of the revised split class designations

- To the fire service, the revised designations identify enhanced fire suppression capabilities used throughout the fire protection area
- To the community, the new classes reward a community's fire suppression efforts by showing a more reflective designation
- To the individual property owner, the revisions offer the potential for decreased property insurance premiums

New water class

Our data also shows that risks located more than 5 but less than 7 road miles from a responding fire station with a creditable water source within 1,000 feet had better loss experience than those farther than 5 road miles from a responding fire station with no creditable water source. We've introduced a new classification —10W— to recognize the reduced loss potential of such properties.

What's changed with Class 10W?

Class 10W is property-specific. Not all properties in the 5-to-7-mile area around the responding fire station will qualify. The difference between Class 10 and 10W is that the 10W-graded risk or property is within 1,000 feet of a creditable water supply. Creditable water supplies include fire protection systems using hauled water in any of the split classification areas.

What's the benefit of Class 10W?

10W gives credit to risks within 5 to 7 road miles of the responding fire station and within 1,000 feet of a creditable water supply. That's reflective of the potential for reduced property insurance premiums.

What does the fire chief have to do?

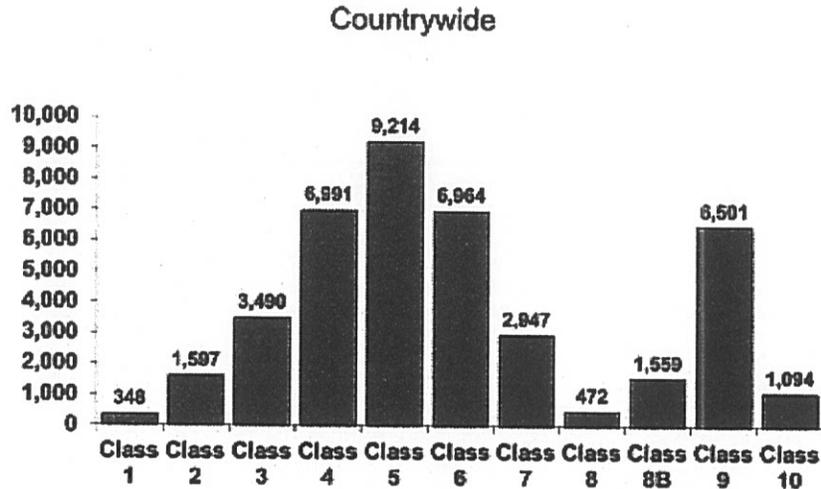
Fire chiefs don't have to do anything at all. The revised classifications went in place automatically effective July 1, 2014 (July 1, 2015 for Texas).

What if I have additional questions?

Feel free to contact ISO at 800.444.4554 or email us at PPC-Cust-Serv@iso.com.

Distribution of PPC Grades

The 2019 published countrywide distribution of communities by the PPC grade is as follows:



Assistance

The PPC program offers help to communities, fire departments, and other public officials as they plan for, budget, and justify improvements. ISO is also available to assist in the understanding of the details of this evaluation.

The PPC program representatives can be reached by telephone at (800) 444-4554. The technical specialists at this telephone number have access to the details of this evaluation and can effectively speak with you about your questions regarding the PPC program. What's more, we can be reached via the internet at www.isomitigation.com/talk/.

We also have a website dedicated to our Community Hazard Mitigation Classification programs at www.isomitigation.com. Here, fire chiefs, building code officials, community leaders and other interested citizens can access a wealth of data describing the criteria used in evaluating how cities and towns are protecting residents from fire and other natural hazards. This website will allow you to learn more about the PPC program. The website provides important background information, insights about the PPC grading processes and technical documents. ISO is also pleased to offer Fire Chiefs Online — a special, secured website with information and features that can help improve your PPC grade, including a list of the Needed Fire Flows for all the commercial occupancies ISO has on file for your community. Visitors to the site can download information, see statistical results and also contact ISO for assistance.

In addition, on-line access to the FSRS and its commentaries is available to registered customers for a fee. However, fire chiefs and community chief administrative officials are given access privileges to this information without charge.

To become a registered fire chief or community chief administrative official, register at www.isomitigation.com.

PPC Review

ISO concluded its review of the fire suppression features being provided for Glenwood FPSA. The resulting community classification is **Class 03/3Y**.

If the classification is a single class, the classification applies to properties with a Needed Fire Flow of 3,500 gpm or less in the community. If the classification is a split class (e.g., 6/XX):

- The first class (e.g., "6" in a 6/XX) applies to properties within 5 road miles of a recognized fire station and within 1,000 feet of a fire hydrant or alternate water supply.
- The second class (XX or XY) applies to properties beyond 1,000 feet of a fire hydrant but within 5 road miles of a recognized fire station.
- Alternative Water Supply: The first class (e.g., "6" in a 6/10) applies to properties within 5 road miles of a recognized fire station with no hydrant distance requirement.
- Class 10 applies to properties over 5 road miles of a recognized fire station.
- Class 10W applies to properties within 5 to 7 road miles of a recognized fire station with a recognized water supply within 1,000 feet.
- Specific properties with a Needed Fire Flow in excess of 3,500 gpm are evaluated separately and assigned an individual classification.

FSRS Feature	Earned Credit	Credit Available
Emergency Communications		
414. Credit for Emergency Reporting	3.00	3
422. Credit for Telecommunicators	3.67	4
432. Credit for Dispatch Circuits	2.93	3
440. Credit for Emergency Communications	9.60	10
Fire Department		
513. Credit for Engine Companies	5.35	6
523. Credit for Reserve Pumpers	0.00	0.50
532. Credit for Pump Capacity	3.00	3
549. Credit for Ladder Service	3.71	4
553. Credit for Reserve Ladder and Service Trucks	0.00	0.50
561. Credit for Deployment Analysis	6.87	10
571. Credit for Company Personnel	7.38	15
581. Credit for Training	4.16	9
730. Credit for Operational Considerations	2.00	2
590. Credit for Fire Department	32.47	50
Water Supply		
616. Credit for Supply System	28.60	30
621. Credit for Hydrants	3.00	3
631. Credit for Inspection and Flow Testing	3.00	7
640. Credit for Water Supply	34.60	40
Divergence	-4.31	--
1050. Community Risk Reduction	4.23	5.50
Total Credit	76.59	105.50

Emergency Communications

Ten percent of a community's overall score is based on how well the communications center receives and dispatches fire alarms. Our field representative evaluated:

- Communications facilities provided for the general public to report structure fires
- Enhanced 9-1-1 Telephone Service including wireless
- Computer-aided dispatch (CAD) facilities
- Alarm receipt and processing at the communication center
- Training and certification of telecommunicators
- Facilities used to dispatch fire department companies to reported structure fires

	Earned Credit	Credit Available
414. Credit Emergency Reporting	3.00	3
422. Credit for Telecommunicators	3.67	4
432. Credit for Dispatch Circuits	2.93	3
Item 440. Credit for Emergency Communications:	9.60	10

Item 414 - Credit for Emergency Reporting (3 points)

The first item reviewed is Item 414 "Credit for Emergency Reporting (CER)". This item reviews the emergency communication center facilities provided for the public to report fires including 911 systems (Basic or Enhanced), Wireless Phase I and Phase II, Voice over Internet Protocol, Computer Aided Dispatch and Geographic Information Systems for automatic vehicle location. ISO uses National Fire Protection Association (NFPA) 1221, *Standard for the Installation, Maintenance and Use of Emergency Services Communications Systems* as the reference for this section.

Item 410: Emergency Reporting (CER)	Earned Credit	Credit Available
<p>A./B. Basic 9-1-1, Enhanced 9-1-1 or No 9-1-1</p> <p>For maximum credit, there should be an Enhanced 9-1-1 system, Basic 9-1-1 and No 9-1-1 will receive partial credit.</p>	20.00	20
<p>1. E9-1-1 Wireless</p> <p>Wireless Phase I using Static ALI (automatic location identification) Functionality (10 points); Wireless Phase II using Dynamic ALI Functionality (15 points); Both available will be 25 points</p>	25.00	25
<p>2. E9-1-1 Voice over Internet Protocol (VoIP)</p> <p>Static VoIP using Static ALI Functionality (10 points); Nomadic VoIP using Dynamic ALI Functionality (15 points); Both available will be 25 points</p>	25.00	25
<p>3. Computer Aided Dispatch</p> <p>Basic CAD (5 points); CAD with Management Information System (5 points); CAD with Interoperability (5 points)</p>	15.00	15
<p>4. Geographic Information System (GIS/AVL)</p> <p>The PSAP uses a fully integrated CAD/GIS management system with automatic vehicle location (AVL) integrated with a CAD system providing dispatch assignments.</p> <p>The individual fire departments being dispatched <u>do not</u> need GIS/AVL capability to obtain this credit.</p>	15.00	15
<p>Review of Emergency Reporting total:</p>	100.00	100

Item 422- Credit for Telecommunicators (4 points)

The second item reviewed is Item 422 "Credit for Telecommunicators (TC)". This item reviews the number of Telecommunicators on duty at the center to handle fire calls and other emergencies. All emergency calls including those calls that do not require fire department action are reviewed to determine the proper staffing to answer emergency calls and dispatch the appropriate emergency response. The 2013 Edition of NFPA 1221, *Standard for the Installation, Maintenance and Use of Emergency Services Communications Systems*, recommends that ninety-five percent of emergency calls shall be answered within 15 seconds and ninety-nine percent of emergency calls shall be answered within 40 seconds. In addition, NFPA recommends that eighty percent of emergency alarm processing shall be completed within 60 seconds and ninety-five percent of alarm processing shall be completed within 106 seconds of answering the call.

To receive full credit for operators on duty, ISO must review documentation to show that the communication center meets NFPA 1221 call answering and dispatch time performance measurement standards. This documentation may be in the form of performance statistics or other performance measurements compiled by the 9-1-1 software or other software programs that are currently in use such as Computer Aided Dispatch (CAD) or Management Information System (MIS).

Item 420. Telecommunicators (GIC)	Earned Credit	Credit Available
<p>A1. Alarm Receipt (AR) Receipt of alarms shall meet the requirements in accordance with the criteria of NFPA 1221</p>	11.87	20
<p>A2. Alarm Processing (AP) Processing of alarms shall meet the requirements in accordance with the criteria of NFPA 1221</p>	20.00	20
<p>B. Emergency Dispatch Protocols (EDP) Telecommunicators have emergency dispatch protocols (EDP) containing questions and a decision-support process to facilitate correct call categorization and prioritization.</p>	20.00	20
<p>C. Telecommunicator Training and Certification (TTC) Telecommunicators meet the qualification requirements referenced in NFPA 1061, <i>Standard for Professional Qualifications for Public Safety Telecommunicator</i>, and/or the Association of Public-Safety Communications Officials - International (APCO) <i>Project 33</i>. Telecommunicators are certified in the knowledge, skills, and abilities corresponding to their job functions.</p>	20.00	20
<p>D. Telecommunicator Continuing Education and Quality Assurance (TQA) Telecommunicators participate in continuing education and/or in-service training and quality-assurance programs as appropriate for their positions</p>	20.00	20
<p>Review of Telecommunicators total:</p>	91.87	100

Item 432 - Credit for Dispatch Circuits (3 points)

The third item reviewed is Item 432 "Credit for Dispatch Circuits (CDC)". This item reviews the dispatch circuit facilities used to transmit alarms to fire department members. A "Dispatch Circuit" is defined in NFPA 1221 as "A circuit over which an alarm is transmitted from the communications center to an emergency response facility (ERF) or emergency response units (ERUs) to notify ERUs to respond to an emergency". All fire departments (except single fire station departments with full-time firefighter personnel receiving alarms directly at the fire station) need adequate means of notifying all firefighter personnel of the location of reported structure fires. The dispatch circuit facilities should be in accordance with the general criteria of NFPA 1221. "Alarms" are defined in this Standard as "A signal or message from a person or device indicating the existence of an emergency or other situation that requires action by an emergency response agency".

There are two different levels of dispatch circuit facilities provided for in the Standard – a primary dispatch circuit and a secondary dispatch circuit. In jurisdictions that receive 730 alarms or more per year (average of two alarms per 24-hour period), two separate and dedicated dispatch circuits, a primary and a secondary, are needed. In jurisdictions receiving fewer than 730 alarms per year, a second dedicated dispatch circuit is not needed. Dispatch circuit facilities installed but not used or tested (in accordance with the NFPA Standard) receive no credit.

The score for Credit for Dispatch Circuits (CDC) is influenced by monitoring for integrity of the primary dispatch circuit. There are up to 0.90 points available for this Item. Monitoring for integrity involves installing automatic systems that will detect faults and failures and send visual and audible indications to appropriate communications center (or dispatch center) personnel. ISO uses NFPA 1221 to guide the evaluation of this item. ISO's evaluation also includes a review of the communication system's emergency power supplies.

Item 432 "Credit for Dispatch Circuits (CDC)" = 2.93 points

Fire Department

Fifty percent of a community's overall score is based upon the fire department's structure fire suppression system. ISO's field representative evaluated:

- Engine and ladder/service vehicles including reserve apparatus
- Equipment carried
- Response to reported structure fires
- Deployment analysis of companies
- Available and/or responding firefighters
- Training

	Earned Credit	Credit Available
513. Credit for Engine Companies	5.35	6
523. Credit for Reserve Pumpers	0.00	0.5
532. Credit for Pumper Capacity	3.00	3
549. Credit for Ladder Service	3.71	4
553. Credit for Reserve Ladder and Service Trucks	0.00	0.5
561. Credit for Deployment Analysis	6.87	10
571. Credit for Company Personnel	7.38	15
581. Credit for Training	4.16	9
730. Credit for Operational Considerations	2.00	2
Item 590. Credit for Fire Department:	32.47	50

Basic Fire Flow

The Basic Fire Flow for the community is determined by the review of the Needed Fire Flows for selected buildings in the community. The fifth largest Needed Fire Flow is determined to be the Basic Fire Flow. The Basic Fire Flow has been determined to be 3000 gpm.

Item 513 - Credit for Engine Companies (6 points)

The first item reviewed is Item 513 "Credit for Engine Companies (CEC)". This item reviews the number of engine companies, their pump capacity, hose testing, pump testing and the equipment carried on the in-service pumpers. To be recognized, pumper apparatus must meet the general criteria of NFPA 1901, *Standard for Automotive Fire Apparatus* which include a minimum 250 gpm pump, an emergency warning system, a 300 gallon water tank, and hose. At least 1 apparatus must have a permanently mounted pump rated at 750 gpm or more at 150 psi.

The review of the number of needed pumpers considers the response distance to built-upon areas; the Basic Fire Flow; and the method of operation. Multiple alarms, simultaneous incidents, and life safety are not considered.

The greatest value of A, B, or C below is needed in the fire district to suppress fires in structures with a Needed Fire Flow of 3,500 gpm or less: **3 engine companies**

- a) **2 engine companies** to provide fire suppression services to areas to meet NFPA 1710 criteria or within 1½ miles.
- b) **3 engine companies** to support a Basic Fire Flow of 3000 gpm.
- c) **3 engine companies** based upon the fire department's method of operation to provide a minimum two engine response to all first alarm structure fires.

The FSRS recognizes that there are **3 engine companies** in service.

The FSRS also reviews Automatic Aid. Automatic Aid is considered in the review as assistance dispatched automatically by contractual agreement between two communities or fire districts. That differs from mutual aid or assistance arranged case by case. ISO will recognize an Automatic Aid plan under the following conditions:

- It must be prearranged for first alarm response according to a definite plan. It is preferable to have a written agreement, but ISO may recognize demonstrated performance.
- The aid must be dispatched to all reported structure fires on the initial alarm.
- The aid must be provided 24 hours a day, 365 days a year.

FSRS Item 512.D "Automatic Aid Engine Companies" responding on first alarm and meeting the needs of the city for basic fire flow and/or distribution of companies are factored based upon the value of the Automatic Aid plan (up to 1.00 can be used as the factor). The Automatic Aid factor is determined by a review of the Automatic Aid provider's communication facilities, how they receive alarms from the graded area, inter-department training between fire departments, and the fire ground communications capability between departments.

For each engine company, the credited Pump Capacity (PC), the Hose Carried (HC), the Equipment Carried (EC) all contribute to the calculation for the percent of credit the FSRS provides to that engine company.

Item 513 "Credit for Engine Companies (CEC)" = 5.35 points

Item 523 – Credit for Reserve Pumpers (0.50 points)

The item is Item 523 “Credit for Reserve Pumpers (CRP)”. This item reviews the number and adequacy of the pumpers and their equipment. The number of needed reserve pumpers is 1 for each 8 needed engine companies determined in Item 513, or any fraction thereof.

Item 523 “Credit for Reserve Pumpers (CRP)” = 0.00 points

Item 532 – Credit for Pumper Capacity (3 points)

The next item reviewed is Item 532 “Credit for Pumper Capacity (CPC)”. The total pump capacity available should be sufficient for the Basic Fire Flow of 3000 gpm. The maximum needed pump capacity credited is the Basic Fire Flow of the community.

Item 532 “Credit for Pumper Capacity (CPC)” = 3.00 points

Item 549 – Credit for Ladder Service (4 points)

The next item reviewed is Item 549 “Credit for Ladder Service (CLS)”. This item reviews the number of response areas within the city with 5 buildings that are 3 or more stories or 35 feet or more in height, or with 5 buildings that have a Needed Fire Flow greater than 3,500 gpm, or any combination of these criteria. The height of all buildings in the city, including those protected by automatic sprinklers, is considered when determining the number of needed ladder companies. Response areas not needing a ladder company should have a service company. Ladders, tools and equipment normally carried on ladder trucks are needed not only for ladder operations but also for forcible entry, ventilation, salvage, overhaul, lighting and utility control.

The number of ladder or service companies, the height of the aerial ladder, aerial ladder testing and the equipment carried on the in-service ladder trucks and service trucks is compared with the number of needed ladder trucks and service trucks and an FSRS equipment list. Ladder trucks must meet the general criteria of NFPA 1901, *Standard for Automotive Fire Apparatus* to be recognized.

The number of needed ladder-service trucks is dependent upon the number of buildings 3 stories or 35 feet or more in height, buildings with a Needed Fire Flow greater than 3,500 gpm, and the method of operation.

The FSRS recognizes that there are **1 ladder companies** in service. These companies are needed to provide fire suppression services to areas to meet NFPA 1710 criteria or within 2½ miles and the number of buildings with a Needed Fire Flow over 3,500 gpm or 3 stories or more in height, or the method of operation.

The FSRS recognizes that there are **0 service companies** in service.

Item 549 “Credit for Ladder Service (CLS)” = 3.71 points

Item 553 – Credit for Reserve Ladder and Service Trucks (0.50 points)

The next item reviewed is Item 553 “Credit for Reserve Ladder and Service Trucks (CRLS)”. This item considers the adequacy of ladder and service apparatus when one (or more in larger communities) of these apparatus are out of service. The number of needed reserve ladder and service trucks is 1 for each 8 needed ladder and service companies that were determined to be needed in Item 540, or any fraction thereof.

Item 553 “Credit for Reserve Ladder and Service Trucks (CRLS)” = 0.00 points

Item 561 – Deployment Analysis (10 points)

Next, Item 561 “Deployment Analysis (DA)” is reviewed. This Item examines the number and adequacy of existing engine and ladder-service companies to cover built-upon areas of the city.

To determine the Credit for Distribution, first the Existing Engine Company (EC) points and the Existing Engine Companies (EE) determined in Item 513 are considered along with Ladder Company Equipment (LCE) points, Service Company Equipment (SCE) points, Engine-Ladder Company Equipment (ELCE) points, and Engine-Service Company Equipment (ESCE) points determined in Item 549.

Secondly, as an alternative to determining the number of needed engine and ladder/service companies through the road-mile analysis, a fire protection area may use the results of a systematic performance evaluation. This type of evaluation analyzes computer-aided dispatch (CAD) history to demonstrate that, with its current deployment of companies, the fire department meets the time constraints for initial arriving engine and initial full alarm assignment in accordance with the general criteria of in NFPA 1710, *Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments*.

A determination is made of the percentage of built upon area within 1½ miles of a first-due engine company and within 2½ miles of a first-due ladder-service company.

Item 561 “Credit Deployment Analysis (DA)” = 6.87 points

Item 571 – Credit for Company Personnel (15 points)

Item 571 "Credit for Company Personnel (CCP)" reviews the average number of existing firefighters and company officers available to respond to reported first alarm structure fires in the city.

The on-duty strength is determined by the yearly average of total firefighters and company officers on-duty considering vacations, sick leave, holidays, "Kelley" days and other absences. When a fire department operates under a minimum staffing policy, this may be used in lieu of determining the yearly average of on-duty company personnel.

Firefighters on apparatus not credited under Items 513 and 549 that regularly respond to reported first alarms to aid engine, ladder, and service companies are included in this item as increasing the total company strength.

Firefighters staffing ambulances or other units serving the general public are credited if they participate in fire-fighting operations, the number depending upon the extent to which they are available and are used for response to first alarms of fire.

On-Call members are credited on the basis of the average number staffing apparatus on first alarms. Off-shift career firefighters and company officers responding on first alarms are considered on the same basis as on-call personnel. For personnel not normally at the fire station, the number of responding firefighters and company officers is divided by 3 to reflect the time needed to assemble at the fire scene and the reduced ability to act as a team due to the various arrival times at the fire location when compared to the personnel on-duty at the fire station during the receipt of an alarm.

The number of Public Safety Officers who are positioned in emergency vehicles within the jurisdiction boundaries may be credited based on availability to respond to first alarm structure fires. In recognition of this increased response capability the number of responding Public Safety Officers is divided by 2.

The average number of firefighters and company officers responding with those companies credited as Automatic Aid under Items 513 and 549 are considered for either on-duty or on-call company personnel as is appropriate. The actual number is calculated as the average number of company personnel responding multiplied by the value of AA Plan determined in Item 512.D.

The maximum creditable response of on-duty and on-call firefighters is 12, including company officers, for each existing engine and ladder company and 6 for each existing service company.

Chief Officers are not creditable except when more than one chief officer responds to alarms; then extra chief officers may be credited as firefighters if they perform company duties.

The FSRS recognizes **5.34 on-duty personnel** and an average of **5.00 on-call personnel** responding on first alarm structure fires.

Item 571 "Credit for Company Personnel (CCP)" = 7.38 points

Item 581 – Credit for Training (9 points)

Training	Earned Credit	Credit Available
<p>A. Facilities and Use</p> <p>For maximum credit, each firefighter should receive 18 hours per year in structure fire related subjects as outlined in NFPA 1001.</p>	0.00	35
<p>B. Company Training</p> <p>For maximum credit, each firefighter should receive 16 hours per month in structure fire related subjects as outlined in NFPA 1001.</p>	11.05	25
<p>C. Classes for Officers</p> <p>For maximum credit, each officer should be certified in accordance with the general criteria of NFPA 1021. Additionally, each officer should receive 12 hours of continuing education on or off site.</p>	8.10	12
<p>D. New Driver and Operator Training</p> <p>For maximum credit, each new driver and operator should receive 60 hours of driver/operator training per year in accordance with NFPA 1002 and NFPA 1451.</p>	5.00	5
<p>E. Existing Driver and Operator Training</p> <p>For maximum credit, each existing driver and operator should receive 12 hours of driver/operator training per year in accordance with NFPA 1002 and NFPA 1451.</p>	4.52	5
<p>F. Training on Hazardous Materials</p> <p>For maximum credit, each firefighter should receive 6 hours of training for incidents involving hazardous materials in accordance with NFPA 472.</p>	0.51	1
<p>G. Recruit Training</p> <p>For maximum credit, each firefighter should receive 240 hours of structure fire related training in accordance with NFPA 1001 within the first year of employment or tenure.</p>	5.00	5
<p>H. Pre-Fire Planning Inspections</p> <p>For maximum credit, pre-fire planning inspections of each commercial, industrial, institutional, and other similar type building (all buildings except 1-4 family dwellings) should be made annually by company members. Records of inspections should include up-to date notes and sketches.</p>	12.00	12

Item 580 “Credit for Training (CT)” = 4.16 points

Item 730 – Operational Considerations (2 points)

Item 730 "Credit for Operational Considerations (COC)" evaluates fire department standard operating procedures and incident management systems for emergency operations involving structure fires.

Operational Considerations	Earned Credit	Credit Available
Standard Operating Procedures The department should have established SOPs for fire department general emergency operations	50	50
Incident Management Systems The department should use an established incident management system (IMS)	50	50
Operational Considerations total:	100	100

Item 730 "Credit for Operational Considerations (COC)" = 2.00 points

Water Supply

Forty percent of a community's overall score is based on the adequacy of the water supply system. The ISO field representative evaluated:

- the capability of the water distribution system to meet the Needed Fire Flows at selected locations up to 3,500 gpm.
- size, type and installation of fire hydrants.
- inspection and flow testing of fire hydrants.

	Earned Credit	Credit Available
616. Credit for Supply System	28.60	30
621. Credit for Hydrants	3.00	3
631. Credit for Inspection and Flow Testing	3.00	7
Item 640. Credit for Water Supply:	34.60	40

Item 616 – Credit for Supply System (30 points)

The first item reviewed is Item 616 "Credit for Supply System (CSS)". This item reviews the rate of flow that can be credited at each of the Needed Fire Flow test locations considering the supply works capacity, the main capacity and the hydrant distribution. The lowest flow rate of these items is credited for each representative location. A water system capable of delivering 250 gpm or more for a period of two hours plus consumption at the maximum daily rate at the fire location is considered minimum in the ISO review.

Where there are 2 or more systems or services distributing water at the same location, credit is given on the basis of the joint protection provided by all systems and services available.

The supply works capacity is calculated for each representative Needed Fire Flow test location, considering a variety of water supply sources. These include public water supplies, emergency supplies (usually accessed from neighboring water systems), suction supplies (usually evidenced by dry hydrant installations near a river, lake or other body of water), and supplies developed by a fire department using large diameter hose or vehicles to shuttle water from a source of supply to a fire site. The result is expressed in gallons per minute (gpm).

The normal ability of the distribution system to deliver Needed Fire Flows at the selected building locations is reviewed. The results of a flow test at a representative test location will indicate the ability of the water mains (or fire department in the case of fire department supplies) to carry water to that location.

The hydrant distribution is reviewed within 1,000 feet of representative test locations measured as hose can be laid by apparatus.

For maximum credit, the Needed Fire Flows should be available at each location in the district. Needed Fire Flows of 2,500 gpm or less should be available for 2 hours; and Needed Fire Flows of 3,000 and 3,500 gpm should be obtainable for 3 hours.

Item 616 "Credit for Supply System (CSS)" = 28.60 points

Item 621 – Credit for Hydrants (3 points)

The second item reviewed is Item 621 “Credit for Hydrants (CH)”. This item reviews the number of fire hydrants of each type compared with the total number of hydrants.

There are a total of 525 hydrants in the graded area.

620. Hydrants - Size, Type and Installation	Number of Hydrants
A. With a 6-inch or larger branch and a pumper outlet with or without 2½-inch outlets	525
B. With a 6-inch or larger branch and no pumper outlet but two or more 2½-inch outlets, or with a small foot valve, or with a small barrel	0
C/D. With only a 2½-inch outlet or with less than a 6-inch branch	0
E/F. Flush Type, Cistern, or Suction Point	0

Item 621 “Credit for Hydrants (CH)” = 3.00 points

Item 630 – Credit for Inspection and Flow Testing (7 points)

The third item reviewed is Item 630 “Credit for Inspection and Flow Testing (CIT)”. This item reviews the fire hydrant inspection frequency, and the completeness of the inspections. Inspection of hydrants should be in accordance with AWWA M-17, *Installation, Field Testing and Maintenance of Fire Hydrants*.

Frequency of Inspection (FI): Average interval between the 3 most recent inspections.

Frequency	Points
1 year	30
2 years	20
3 years	10
4 years	5
5 years or more	No Credit

Note: The points for inspection frequency are reduced by 10 points if the inspections are incomplete or do not include a flushing program. An additional reduction of 10 points are made if hydrants are not subjected to full system pressure during inspections. If the inspection of cisterns or suction points does not include actual drafting with a pumper, or back-flushing for dry hydrants, 20 points are deducted.

Total points for Inspections = 0.00 points

Frequency of Fire Flow Testing (FF): Average interval between the 3 most recent inspections.

Frequency	Points
5 years	40
6 years	30
7 years	20
8 years	10
9 years	5
10 years or more	No Credit

Total points for Fire Flow Testing = 3.00 points

Item 631 "Credit for Inspection and Fire Flow Testing (CIT)" = 3.00 points

Divergence = -4.31

The Divergence factor mathematically reduces the score based upon the relative difference between the fire department and water supply scores. The factor is introduced in the final equation.

Community Risk Reduction

	Earned Credit	Credit Available
1025. Credit for Fire Prevention and Code Enforcement (CPCE)	1.86	2.2
1033. Credit for Public Fire Safety Education (CFSE)	1.33	2.2
1044. Credit for Fire Investigation Programs (CIP)	1.04	1.1
Item 1050. Credit for Community Risk Reduction	4.23	5.50

Item 1025 – Credit for Fire Prevention Code Adoption and Enforcement (2.2 points)	Earned Credit	Credit Available
Fire Prevention Code Regulations (PCR) Evaluation of fire prevention code regulations in effect.	10.00	10
Fire Prevention Staffing (PS) Evaluation of staffing for fire prevention activities.	8.00	8
Fire Prevention Certification and Training (PCT) Evaluation of the certification and training of fire prevention code enforcement personnel.	0.30	6
Fire Prevention Programs (PCP) Evaluation of fire prevention programs.	15.60	16
Review of Fire Prevention Code and Enforcement (CPCE) subtotal:	33.90	40

Item 1033 – Credit for Public Fire Safety Education (2.2 points)	Earned Credit	Credit Available
Public Fire Safety Educators Qualifications and Training (FSEQT) Evaluation of public fire safety education personnel training and qualification as specified by the authority having jurisdiction.	5.00	10
Public Fire Safety Education Programs (FSP) Evaluation of programs for public fire safety education.	19.11	30
Review of Public Safety Education Programs (CFSE) subtotal:	24.11	40

Item 1044 – Credit for Fire Investigation Programs (1.1 points)	Earned Credit	Credit Available
Fire Investigation Organization and Staffing (IOS) Evaluation of organization and staffing for fire investigations.	8.00	8
Fire Investigator Certification and Training (ICT) Evaluation of fire investigator certification and training.	4.88	6
Use of National Fire Incident Reporting System (IRS) Evaluation of the use of the National Fire Incident Reporting System (NFIRS) for the 3 years before the evaluation.	6.00	6
Review of Fire Investigation Programs (CIP) subtotal:	18.88	20

Summary of FIC Review

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Greenwood FICSA

FSRS Item	Earned Credit	Credit Available
Emergency Communications		
414. Credit for Emergency Reporting	3.00	3
422. Credit for Telecommunicators	3.67	4
432. Credit for Dispatch Circuits	2.93	3
440. Credit for Emergency Communications	9.60	10
Fire Department		
513. Credit for Engine Companies	5.35	6
523. Credit for Reserve Pumpers	0.00	0.5
532. Credit for Pumper Capacity	3.00	3
549. Credit for Ladder Service	3.71	4
553. Credit for Reserve Ladder and Service Trucks	0.00	0.5
561. Credit for Deployment Analysis	6.87	10
571. Credit for Company Personnel	7.38	15
581. Credit for Training	4.16	9
730. Credit for Operational Considerations	2.00	2
590. Credit for Fire Department	32.47	50
Water Supply		
616. Credit for Supply System	28.60	30
621. Credit for Hydrants	3.00	3
631. Credit for Inspection and Flow Testing	3.00	7
640. Credit for Water Supply	34.60	40
Divergence	-4.31	-
1050. Community Risk Reduction	4.23	5.50
Total Credit	76.59	105.5

Final Community Classification = 03/3Y

DATE: September 22, 2019
TO: Mayor and Board of Trustees
THROUGH: Administrator Mitchell
FROM: Fire Chief Welsh
SUBJECT: Communication Grant



The Glenwood Fire Department has been awarded an Assistance to Firefighters Grant (AFG) from FEMA to upgrade our fire stations and personnel alerting equipment. The grant is a joint venture with the towns of ECOM and is being facilitated by the Flossmoor Fire Department. Over the years we have participated in several joint grant awards and we rotate the responsible party as this requires extensive coordination effort for the group.

This current grant is for a total of \$521,393 with Glenwood's portion being \$100,866! The grant requires only a 10% match of funds. The 2019/2020 budget provides for funding for our portion. The final design work is in process now and may impact the final grant budget, but the redraft will not exceed the original grant match dollars.

This grant will outfit each fire station with IP based digital alerting for all calls. The stations will be outfitted with reader boards that will scroll the call information as well as enhanced visual and audio alert components. The secondary enhancement comes in the form of SMS messaging to personnel communication devices with pinpoint information on the call and its location.

ECOM Dispatch has installed the base for operations from a separate grant and South Holland has the equipment tested and ready at this time. The system once fully implemented will improve the call handling time out of the dispatch center as it will automatically begin the dispatch protocol once the call nature has been determined and entered into the CAD. This enhancement will become our primary dispatch pathway with the radio pager and text messaging becoming our back up. This enhancement in itself will not only assure that no calls for service are delayed but will assist us in our quest to once again improve our ISO Grade as it will create the required back up systems for maximum credit.

It is anticipated that the systems will be completed by the end of November. I would like to thank Flossmoor Fire Chief Chris Sewell for taking the lead on this grant program.

US Digital Equipment List for Participating FD's (Exhibit "A")

	PFD	FFD	GFD	HCFD	HWD	IMFD	RFD	SoHId	TFD	Qty Total	\$ Each	Total \$
Station System Licenses												
G2 Voice Alert - Single station License	1	1	2	1	1	2	1	0	1	10	927	\$9,270
G2 Mobile App	24	24	24	24	24	24	24	0	24	192	0	\$0

Station System Controller												
G2 ATX Station Controller	1	1	2	1	1	2	1	0	1	10	\$19,575	\$195,750
ATX UPS Unit Standard	1	1	2	1	1	2	1	0	1	10	\$831	\$8,310
Shelf Bracket, wall mount for UPS	1	1	2	1	1	2	1	0	1	10	\$52	\$520

Station System Peripheral Components												
Audio amplifier, external, standard	1	1	2	1	0	2	0	0	1	8	\$889	\$7,112
Shelf, under table or wall mount, for 1U 1/2 Rack	1	1	2	1	0	2	0	0	1	8	\$60	\$480
G2 HDTV Remote Module	1	1	2	1	0	2	0	0	1	8	\$878	\$7,024
G2 Message Sign Standard Gamma Sign	6	6	12	6	9	12	3	4	6	64	\$1,418	\$90,752
MS-G Adapter Plate, Double, VESA 100	0	0	0	0	2	0	0	0	0	2	\$89	\$178
Message Sign, Digital LED (Beta-Brite Legacy Repl.)	0	0	0	0	0	0	1	0	0	1	\$324	\$324
MS Mount, Articulating, Long Reach	0	0	0	0	2	0	0	0	0	2	\$259	\$518
G2 Room Remote 2 Module	0	0	0	0	2	0	3	0	0	5	\$1,823	\$9,115
G2 Speaker, LED Illuminated, Flush mount	4	4	8	4	0	8	0	8	4	40	\$293	\$11,720
G2 Speaker, LED Illuminated, Surface mount	0	0	0	0	0	0	0	0	0	0	\$293	\$0
Speaker - Standard, Flush mount	2	2	4	2	2	4	3	0	2	21	\$77	\$1,617
Speaker - App Bay/Outdoor - Weatherized	2	3	6	3	0	6	0	0	2	22	\$279	\$6,138

Station System Services												
Station Installation	\$13,341	\$13,341	\$20,000	\$10,000	\$8,080	\$20,000	\$7,640	\$3,000	\$10,000			\$105,402
Station Configuration & Start-up	\$2,000	\$1,965	\$4,000	\$2,000	\$2,400	\$4,000	\$1,814	\$500	\$2,000			\$20,679
Station Project Management	\$1,000	\$1,000	\$2,000	\$1,000	\$1,029	\$2,000	\$907	\$500	\$1,000			\$10,436
Station Engineering/Design	\$518	\$518	\$1,000	\$500	\$514	\$1,000	\$454	\$250	\$500			\$5,254
Station Documentation	\$54	\$54	\$100	\$50	\$51	\$100	\$45	\$50	\$50			\$554

Station System Warranty												
Standard 1 YR	\$3,216	\$3,216	\$6,000	\$3,000	\$3,086	\$6,000	\$2,722	\$0	\$3,000			\$30,240

Total (All Items): \$521,393

US Digital Pricing by Dept. (Exhibit "A")

PFD	FFD	GFD	HCFD	HWD	MFCD	RFD	SoHld	TFD
927	927	1854	927	927.00	1854	927	0	927
0	0	0	0	0.00	0	0	0	0
19575	19575	39150	\$19,575	19,575.00	39150	19575	0	19575
831	831	1662	\$831	830.70	1662	831	0	831
52	52	104	\$52	51.30	104	52	0	52
889	889	1778	\$889	0.00	1778	0	0	889
60	60	120	\$60	0.00	120	0	0	60
878	878	1756	\$878	0.00	1756	0	0	878
8508	8508	17016	\$8,508	12,762.00	17016	4254	5672	8508
0	0	0	\$0	178.00	0	0	0	0
0	0	0	\$0	0.00	0	324	0	0
0	0	0	\$0	518.00	0	0	0	0
0	0	0	\$0	3,646.00	0	5469	0	0
1172	1172	2344	\$1,172	0.00	2344	0	2344	1172
0	0	0	\$0	0.00	0	0	0	0
154	154	308	\$154	154.00	308	231	0	154
558	837	1674	\$837	0.00	1674	0	0	558
\$13,341	\$13,341	\$20,000	\$10,000	8,080.00	\$20,000	\$7,640	\$3,000	\$10,000
\$2,000	\$1,965	\$4,000	\$2,000	2,400.00	\$4,000	\$1,814	\$500	\$2,000
\$1,000	\$1,000	\$2,000	\$1,000	1,029.00	\$2,000	\$907	\$500	\$1,000
\$518	\$518	\$1,000	\$500	514.00	\$1,000	\$454	\$250	\$500
\$54	\$54	\$100	\$50	51.00	\$100	\$45	\$50	\$50
\$3,216	\$3,216	\$6,000	\$3,000	3,086.00	\$6,000	\$2,722	\$0	\$3,000

Total: \$53,733 \$53,977 \$100,866 \$50,433 \$53,802.00 \$100,866 \$45,245 \$12,316 \$50,154
10% match: \$5,373.30 \$5,397.70 \$10,086.60 \$5,043.30 5,380.20 \$10,086.60 \$4,524.50 \$1,231.60 \$5,015.40