

RESOLUTION 2021-04

A RESOLUTION EXPRESSING THE VILLAGE'S DESIRE TO PARTICIPATE IN PUBLIC WORKS PROJECTS PURSUANT TO THE INVEST IN COOK PROGRAM

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Hodgkins, Illinois as follows:

Section 1. That a request is hereby made of the County of Cook, Illinois for Invest In Cook funds for Program Year 2021 in the amount of \$60,000 for the following project(s):

I-55 AND LEON DRIVE PARTIAL INTERCHANGE

\$60,000.00

As identified in the Village's Invest In Cook 2021 Program Year application.

Section 2. That the Village President and Clerk are hereby authorized to sign the application and various forms contained therein, make all required submissions and do all things necessary to complete the application for the funds requested in Section 1 of this Resolution, a copy of which application is on file with the Secretary.

Section 3. That the Village President is hereby authorized to certify that matching funds which have been identified as supporting its projects as set out within its application will be made available upon the approval of the project by the County of Cook, Illinois or the prorated share thereof.

ADOPTED this 8th day of March, 2021:

AYES: 6

NAYS: 0


ABSENT: 0

ABSTAIN: 0

APPROVED by me this 8th day of March, 2021


Paul Struve, Village Preside Pro Temp

ATTEST:


Stephanie Gardner, Village Clerk

STATE OF ILLINOIS }
COUNTY OF COOK } SS

CLERK'S CERTIFICATE

I, **STEPHANIE GARDNER**, the duly appointed, qualified and acting Village Clerk of the Village of Hodgkins, Cook County, Illinois, **DO HEREBY CERTIFY** that attached hereto is a true and correct copy of the Resolution 2021-04 now on file in my office entitled:

***A RESOLUTION EXPRESSING THE VILLAGE'S DESIRE TO
PARTICIPATE IN PUBLIC WORKS PROJECTS PURSUANT TO THE
INVEST IN COOK PROGRAM***

which Resolution was passed by the Board of Trustees of the Village of Hodgkins at a meeting held on the 8th day of March, 2021, at which meeting a quorum was present, and approved by the President of the Village of Hodgkins on 8th day of March, 2021.

I FURTHER CERTIFY that a fully executed original copy of said Resolution was duly filed in the office of the Clerk on March 8th, 2021, and that attached hereto is a copy of said Resolution. That the original Resolution is entrusted to my care for safekeeping and that I am the lawful keeper of same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Village of Hodgkins, this 8th day of March, 2021.


Stephanie Gardner, Village Clerk

(SEAL)

LEFT INTENTIONALLY BLANK



INVEST IN COOK

Cook County Department of Transportation and
Highways FY2021 Call for Projects

VILLAGE OF HODGKINS

Applicant Municipality/Agency/Organization

NOEL B. CUMMINGS, VILLAGE PRESIDENT

Applicant's Name and Title

(Mayor, President, Supervisor, Chief Executive Officer, Executive Director, etc.)

I-55 AND LEON COOK DRIVE PARTIAL INTERCHANGE

Project Name

Toni Preckwinkle, President
Cook County Board of Commissioners

Cook County Department of Transportation and Highways (DOTH)
69 West Washington, Suite 2300
Chicago, IL 60602

John Yonan, Superintendent

January 13, 2021

AN INITIATIVE OF: 



Application Checklist

Please use the following checklist to ensure that your application package is complete and includes the information we need to evaluate your project. Omission of items does not necessarily preclude your application from consideration, but the items on the following checklist are highly recommended.

Required Items:

- ☒ Signed Mayor's or Chief Executive's cover letter
- ☒ Completed Application
- ☒ Project Area Map
- ☒ Project Milestone Schedule
- ☒ Most Recent Auditors report or Other Proof of Financial Standing

Optional Items:

- ☒ Sections or summary of applicable project-related studies or reports (limit five pages)
- ☒ Resolutions and Certifications of Resolutions
- ☒ Detailed Cost Estimates (Required for construction funding requests)
- ☒ Attach any related images

If you have any questions or would like to request assistance filling out the application contact InvestInCook.CC@cookcountyil.gov. DOTH staff is available to help clarify application fields, provide guidance on how to submit a competitive application, and for higher-need applicants, assistance in preparing an application (contingent on staff availability).

Please submit an electronic copy of the completed application PDF, with all related attachments, through the Invest In Cook application submission page at:

<https://www.cookcountyil.gov/service/investincook2021>

**The deadline for submitting all applications is: March 12, 2021 at 5:00 PM CST
(Applications received after this date and time will not be accepted.)**



Cook County DOTH Invest in Cook | 2021

Applicant Information

Applicant Name: VILLAGE OF HODGKINS

**Applicant Municipality,
Agency, or Organization:** VILLAGE OF HODGKINS

**Mayor, President, or
CEO Name and Title:** NOEL B. CUMMINGS, VILLAGE PRESIDENT

Project Title (use TIP title if applicable): I-55 AND LEON COOK DRIVE PARTIAL INTERCHANGE

Applicant's Email Address: msalerno@villageofhodgkins.org

Applicant Address: 8990 W. LYONS STREET

City: HODGKINS **Illinois** **Zip Code:** 60525

Telephone: 708-579-6700 **Fax:** 708-579-6707

Applicant Website Address: villageofhodgkins.org

Total Amount Requested*: \$ 60,000.00

Total Matching Funds:** \$ 10,000.00

*A total funding request is not required at the time of submission, but it is highly recommended and may improve your chances of being selected. Contact DOTH at InvestInCook.CC@cookcountyil.gov before applying if your organization needs assistance developing a cost estimate. Your request for assistance will be evaluated for need and approval will be dependent on DOTH staff availability.

**Very low- and low-need communities (as designated by CMAP) will be expected to match County funds on at least a one to one basis. Very high- and high-need communities may not need a local match to County funds.



Applicant Information (Continued)

Council of Mayor(s): WEST CENTRAL

Project Type: ☐ Transit ☐ Freight
☐ Bike/Ped ☒ Roadway ☐ Other _____

Phase for grant funding: ☒ Feasibility/Planning Study ☐ ROW Acquisition ☐ Construction
☐ Preliminary Engineering ☐ Design Engineering ☐ Other _____

TIP ID (for existing projects): _____

Will you need assistance with a cost estimate? (Y/N): ☐ Yes ☒ No
Will you need any other assistance before your project can begin? (Y/N): ☐ Yes ☒ No

If additional assistance is desired, please describe your needs below*:

The County may make available staff to assist higher-need applicants. These services will be provided at the Department's discretion and are contingent upon staff availability.

Project Location Information

Not all fields are required, but please ensure the following fields are filled in as completely as possible. Please attach a map with sufficient detail to accurately locate your project in a GIS system.

Project Limits

<u>I-55 AT LEON COOK DRIVE</u>	<u>VILLAGE OF HODGKINS</u>
Name of Street or Facility to be Improved	Municipality (or Municipalities) Involved
<u>LEON COOK DRIVE</u>	<u>I-55 AT BNSF RAILROAD UNDERPASS</u>
South/West Project Extents	North/East Project Extents



Project Summary

Provide a description of proposed improvements and impacts that will result from your project. Provide details that demonstrate how your project benefits your community, and explain your projects effects on items checked in the boxes in the other sections. References to plans and other analysis will also help staff evaluate your project.

The Village of Hodgkins is primarily zoned Heavy Manufacturing (HM), which involves operations that require a high volume of trucking traffic. A portion of the HM zoned land along the Des Plaines River (368 Acres) is only serviceable by a single point of access, from Santa Fe Drive, over the BNSF Transcontinental Mainline, at Leon Cook Drive Bridge.

If there is an accident on the bridge, or should the bridge fail for any reason, there is no way for workers and businesses on Leon Cook Drive/River Road to leave the area, since there are no other crossings of the BNSF rails that exist. This prevents emergency vehicles from accessing this heavily developed industrial area.

In order to remedy this situation, the Village wishes to investigate the feasibility of the construction of a Partial Interchange at Leon Cook Drive and I-55 to provide an alternate ingress/egress route to the businesses on Leon Cook Drive/River Road. This interchange would also improve expressway freight access to the BNSF Intermodal Yard and the UPS world's largest package sorting facility.



Cook County DOTH Invest in Cook | 2021

Project Funding Request and Financing Summary

Please provide a comprehensive funding summary and timeline for the entire project. If you are requesting County assistance in developing a cost estimate, you may leave the table blank, but consult with the Department at InvestInCook.CC@cookcountyil.gov before submitting your application. Project funding awarded under this program may not be used for staff salaries. Please include funding from completed phases.

	Starting County Fiscal Year*	Total Phase Cost	County Funds Request	Other Funding Sources	
				Fund Type**	Amount
Planning/Feasibility Study	2021	\$ 70,000.00	\$ 60,000.00	Local	\$ 10,000.00
Preliminary Engineering					
Design Engineering					
Construction (Including Construction Engineering)					
Right of Way Acquisition					
Total Project Costs		\$ 70,000.00	\$ 60,000.00		\$ 10,000.00

*Cook County fiscal years begin December 1st

**Please indicate the type of funding source (county, local, Federal, State, etc.)

Is local, state or federal
funding committed?

☒ Yes
☐ No

If yes, please provide copies of documents
demonstrating commitment.

Is ROW acquisition required
for this project?

☐ Yes
☒ No

If yes, has the ROW already
been acquired? ☐ Yes
☐ No

Estimated Construction Year:

N/A

Applicant Experience

In the box below, please demonstrate your organization's ability to execute a project of similar size, scope, and complexity as the project for which you are submitting this application. Please provide a description, total cost and year of projects with comparable scopes completed by your organization in the recent past.

In 2006, the Village of Hodgkins constructed the Leon Cook Drive Bridge over the BNSF Transcontinental Mainline tracks, at a cost of \$4.7 million dollars.



Evaluation Criteria

Consistency with Existing Plans

Does this project implement goals from *Connecting Cook County*? ☒ Yes ☐ No Does this project implement goals from other local and regional plans? ☒ Yes ☐ No

*If you replied yes, please summarize and provide links to the plans in the project summary. If a web link cannot be provided, please attach a copy of the pertinent parts of the plan with your application. Consistency with Cook County plans, e.g. Planning for Progress, Partnering for Prosperity, or Connecting Cook County, will be looked at favorably.

Prioritizing Transit and Other Transportation Alternatives

Existing Multimodal Infrastructure/Services (check all that are present within the project buffer; buffers for each mode are specified in the program description)

- | | | | |
|---|---|-------------------------------------|--|
| <input type="checkbox"/> Transit (Rail) | <input type="checkbox"/> Bus Benches | <input type="checkbox"/> Crosswalks | <input type="checkbox"/> Bike Lanes |
| <input type="checkbox"/> Transit (Bus) | <input type="checkbox"/> Transfer Station | <input type="checkbox"/> Trails | <input type="checkbox"/> Street Lighting |
| <input type="checkbox"/> Bus Shelters | <input type="checkbox"/> Sidewalks | <input type="checkbox"/> Paths | <input type="checkbox"/> Other |

Transit Routes
Used by Facility:

Daily Weekday
Ridership:

- | | | | | | |
|---------------------------------|---|------------------------------------|---|---------------------------------|---|
| Condition of Transit Facilities | <input type="checkbox"/> Excellent
<input type="checkbox"/> Average
<input type="checkbox"/> Poor | Condition of Pedestrian Facilities | <input type="checkbox"/> Excellent
<input type="checkbox"/> Average
<input type="checkbox"/> Poor | Condition of Bicycle Facilities | <input type="checkbox"/> Excellent
<input type="checkbox"/> Average
<input type="checkbox"/> Poor |
|---------------------------------|---|------------------------------------|---|---------------------------------|---|

New or Improved Multimodal Infrastructure/Services this project will provide (check all that apply)

- | | | | |
|---|---|-------------------------------------|--|
| <input type="checkbox"/> Transit (Rail) | <input type="checkbox"/> Bus Benches | <input type="checkbox"/> Crosswalks | <input type="checkbox"/> Bike Lanes |
| <input type="checkbox"/> Transit (Bus) | <input type="checkbox"/> Transfer Station | <input type="checkbox"/> Trails | <input type="checkbox"/> Street Lighting |
| <input type="checkbox"/> Bus Shelters | <input type="checkbox"/> Sidewalks | <input type="checkbox"/> Paths | <input type="checkbox"/> Other |

Primary Project Transportation Alternatives Impacts (please check all that apply):

- | | | |
|---|---|--|
| <input type="checkbox"/> Fills gap(s) in the pedestrian network | <input type="checkbox"/> Fills gap(s) in the bicyclist network | <input type="checkbox"/> Helps complete a planned trail project |
| <input type="checkbox"/> Intersects existing trails or bikeways | <input checked="" type="checkbox"/> Connects key destinations | <input type="checkbox"/> Provides new pedestrian facilities where none had existed |
| <input type="checkbox"/> Provides new bicycle facilities where none had existed | <input type="checkbox"/> Improves safety for pedestrians or bicyclists or both | <input checked="" type="checkbox"/> Improves an existing facility |
| <input type="checkbox"/> Improves safety in a high crash area (provide documentation) | <input type="checkbox"/> Provides safe pedestrian access to existing transit route(s) | <input type="checkbox"/> Provides safe bicyclist access to existing transit route(s) |
| <input type="checkbox"/> Improves the speed or reliability of transit services | <input type="checkbox"/> Provides new transit service within a transit desert | <input checked="" type="checkbox"/> Provides new transit where none previously existed |
| <input type="checkbox"/> Improves the safety or comfort of transit users | <input type="checkbox"/> Provides ADA improvements to transit facility | |



Support the Region's Role as North America's Freight Capital

New or Improved Freight Infrastructure/Services this project will provide (check all that apply)

- | | | | |
|--|---|--|-------------------------------------|
| <input checked="" type="checkbox"/> Roadways | <input type="checkbox"/> Bridge | <input type="checkbox"/> Rail | <input type="checkbox"/> Permitting |
| <input type="checkbox"/> Viaduct | <input type="checkbox"/> Grade Crossing | <input type="checkbox"/> Intermodal Facility | <input type="checkbox"/> Other |

Traffic Volumes (AADT): 2700 Truck/Heavy Vehicle Share of Traffic (%) 70

Does an industrial area or company depend on the facilities your agency plans on improving?*

- ☒ Yes
☐ No

*If yes, please provide a description of the area and the company(s) impacted by your improvement in your project summary.

Cook County Freight Plan Priorities Addressed by the Project (check all that apply):

Road Improvements:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Facilitates a connected truck route network | <input type="checkbox"/> Focuses on priority trucking corridors |
| <input checked="" type="checkbox"/> Addresses first- and last-mile connectors | <input checked="" type="checkbox"/> Improves expressway freight access |
| <input type="checkbox"/> Streamlines truck permitting | <input type="checkbox"/> Creates truck parking opportunities |

Rail Improvements:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Supports business access to rail | <input type="checkbox"/> Supports the CREATE Program |
| <input type="checkbox"/> Improves at-grade crossings | |

Does the Cook County Freight Plan explicitly list the project location as a priority (see the tables on pg. 33, 41, or 44 of the Plan or the map on pg. 35 of the Plan)?*

- ☐ Yes ☒ No

*If yes, please note the reference in the Cook County Freight Plan as part of your project summary.

Does the project support coordinated community and economic development (e.g., alignment of predevelopment activities, implementation of regional economic development efforts)?*

- ☐ Yes ☐ No

*If yes, please summarize and provide links to any supporting documentation in the project summary.

Promote Equal Access to Opportunities

Primary Project Impacts on Equal Access (check all that apply):

- | | |
|---|---|
| <input checked="" type="checkbox"/> Project is in an economically disadvantaged area | <input checked="" type="checkbox"/> Project is located in a CDBG designated low to moderate income census tract |
| <input type="checkbox"/> Project is located in an area with a high minority population | <input checked="" type="checkbox"/> Project reduces travel time for transportation users in a disadvantaged area |
| <input type="checkbox"/> Project creates or retains jobs accessible to low- and moderate-income persons | <input checked="" type="checkbox"/> Project helps make a currently disadvantaged area more attractive to new businesses |

Maintain and Modernize What Already Exists

Primary Project Impacts on Maintenance and Modernization (check all that apply):

- | | |
|---|---|
| <input type="checkbox"/> Project repairs a facility that is currently in poor condition | <input type="checkbox"/> Project brings an existing facility up to modern design standards |
| <input type="checkbox"/> Project improves signals to help safety and traffic flow | <input type="checkbox"/> Project includes implementation of new safety features that were not present |



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Increase Investments in Transportation

Funding Programs Applied For:

- ☒ Federal Grants
- ☐ State Grants
- ☒ Local
- ☐ Other

Funding Awards:

- ☒ Federal Grants
- ☐ State Grants
- ☒ Local
- ☐ Other

PLEASE DO NOT SUBMIT A SCANNED COPY OF THIS APPLICATION

**ESTIMATING DATA
AND
PROJECT SCOPE**

Modified Interstate Access Feasibility Study

Interstate 55

with

Leon Cook Drive

Hodgkins, IL in Cook County

Located in IDOT District/Region One

SCOPE OF WORK

I-55 & Leon Cook Road Partial Interchange Village of Hodgkins

I-55 Partial Interchange with Leon Cook Road

GENERAL SCOPE OF WORK: Review planning information developed to date, including traffic modeling and preliminary geometrics, and develop alternatives to determine if a partial interchange is feasible. CMT will evaluate westbound on-ramp from Leon Cook Road to I-55 and eastbound exit ramp from I-55 to Leon Cook Road.

Estimating Assumptions

- a. This project is anticipated to begin in November 2021 and be completed in April 2022.
- b. Final deliverable is a brief Modified Feasibility Study report discussing existing conditions (traffic, geometrics) and proposed conditions (traffic, geometrics). The report will discuss whether the partial interchange (ramps) are feasible from an engineering perspective. Additional Access Justification Studies and other detailed studies will need to be conducted in order to start discussions with IDOT.
- c. The scope will generally include: Geometric Analysis, Traffic Analysis (Safety and Capacity), Structure Requirements (MSE Walls, Widening of Bridge over Railroad)
- d. This scope of work does not include the following work tasks: Topographical surveys, Location Drainage Study, Access Justification Report, Environmental Studies, Geotechnical Investigation or Railroad Crossing Analysis.
- e. Scope assumes no coordination with Illinois Department of Transportation, Federal Highway Administration, Illinois Commerce Commission or Railroad.

SCOPE OF WORK
I-55 & Leon Cook Road Partial Interchange
Village of Hodgkins

TASK ITEM SUMMARY:

1. DATA COLLECTION AND REVIEW OF EXISTING CONDITIONS

- A. Obtain and review any existing reports along with any other correspondence related to the project.
- B. Obtain and review local street traffic and I-55 traffic.
- C. Obtain and download available GIS mapping files to be used for study.
- D. Identify and review IDOT design criteria that will be used to develop geometrics of partial interchange/ramps.
- E. Review existing horizontal and vertical alignments.

2. EVALUATION OF TRAFFIC IMPACTS WITH NEW PARTIAL INTERCHANGE

- A. Identify traffic volumes to be utilized for the new partial interchange. Concept based traffic data will be generated from traffic data provided.
- B. Perform capacity analysis and level of service along with anticipated queuing at the new ramp intersections and entrance / exit terminals.
- C. Review proposed concept geometry for compliance with guidelines from IDOT's "BDE Manual" and AASHTO's policies and procedures.
- D. Evaluate potential impacts to area roadway network and surrounding intersections.
- E. Evaluate potential land acquisition and development impacts to surrounding area.

3. MODIFIED FEASIBILITY REPORT SUMMARY

- A. Clearly identify Purpose & Need for new access.
- B. Summary of access connection and design.
- C. Analysis to existing bridge structure impacts.
- D. Recommendations on next steps in study process.
- E. Develop conceptual project cost information.
- F. Develop exhibits to illustrate the proposed concept and limits of improvement.

4. ADMINISTRATION / PROJECT MANAGEMENT

- A. Includes conducting a project kick-off meeting (1 internal project team and 1 external with client)
- B. Includes coordination/discussion with Village of Hodgkins and their representatives.
- C. Preparation of monthly progress reports and narratives.

ITEMS TO BE FURNISHED BY THE VILLAGE:

- 1. GIS Data w/ aerial mapping and contours
- 2. Applicable studies and reports that exist
- 3. Traffic counts of local streets
- 4. Crash data for the last five years within project limits.

ITEMS TO BE COMPLETED AND DELIVERABLES TO BE PREPARED BY CMT:

- 1. Formal Modified Feasibility Study that will present our findings and recommendations for moving forward with pursuing partial interchange.

"Exhibit A"

Route: I-55 & Leon Cook Road Partial Interchange
 Local Agency: Village of Hodgkins

*Firm's approved rates on file with DOT'S
 Bureau of Accounting and Auditing:

Overhead Rate (OH) 171.35%
 Complexity Factor % 0.00
 Calendar Days 181

Method of Compensation:

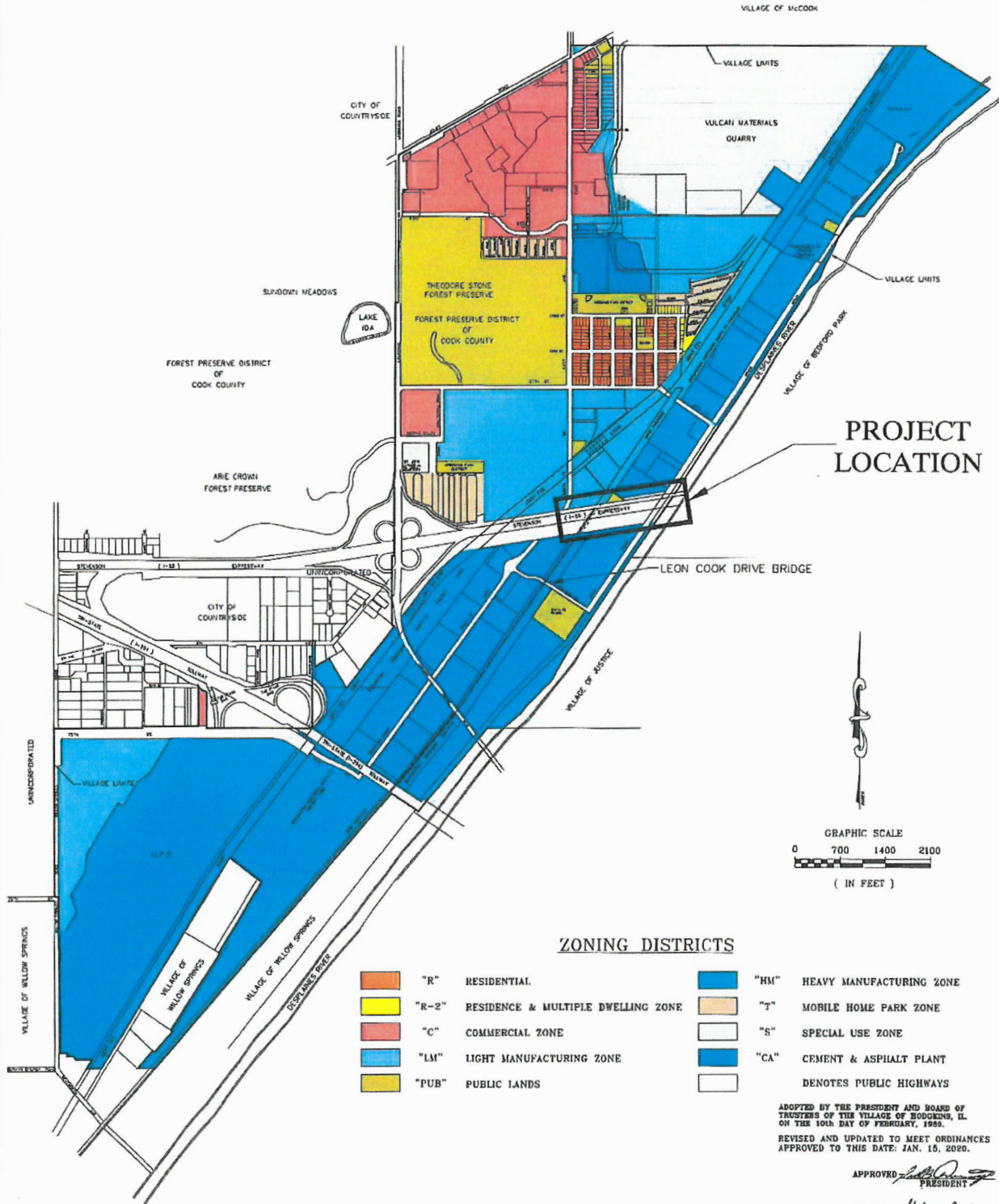
- Cost Plus Fixed Fee 1 ☒ 14.5%[DL + R(DL) + OH(DL) + IHDC]
 Cost Plus Fixed Fee 2 ☐ 14.5%[DL + R(DL) + 1.4(DL) + IHDC]
 Cost Plus Fixed Fee 3 ☐ 14.5%[(2.3 + R)DL + IHDC]

Cost Estimate of Consultant's Services in Dollars

Element of Work	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead*	Services by others	In-House Direct Costs (IHDC)	Profit	Total	% of Grand Total
Phase I Tasks									
1 Data Collection	120.0	\$37.22	\$4,465.93	\$7,652.37	\$0.00	\$54.00	\$1,764.98	\$13,937.28	24.78%
2 Evaluation of Traffic Impacts	180.0	\$39.70	\$7,145.22	\$12,243.34	\$0.00	\$54.00	\$2,819.17	\$22,261.73	39.58%
3 Modified Feasibility Report	90.0	\$41.11	\$3,700.09	\$6,340.11	\$0.00	\$200.00	\$1,484.83	\$11,725.02	20.84%
4 Administration	60.0	\$44.66	\$2,679.70	\$4,591.67	\$0.00	\$0.00	\$1,054.35	\$8,325.72	14.80%
Totals	450.0	\$39.98	\$17,990.94	\$30,827.48	\$0.00	\$308.00	\$7,123.33	\$56,249.76	100.00%

VILLAGE OF HODGKINS, ILLINOIS

INVEST IN COOK APPLICATION 2021



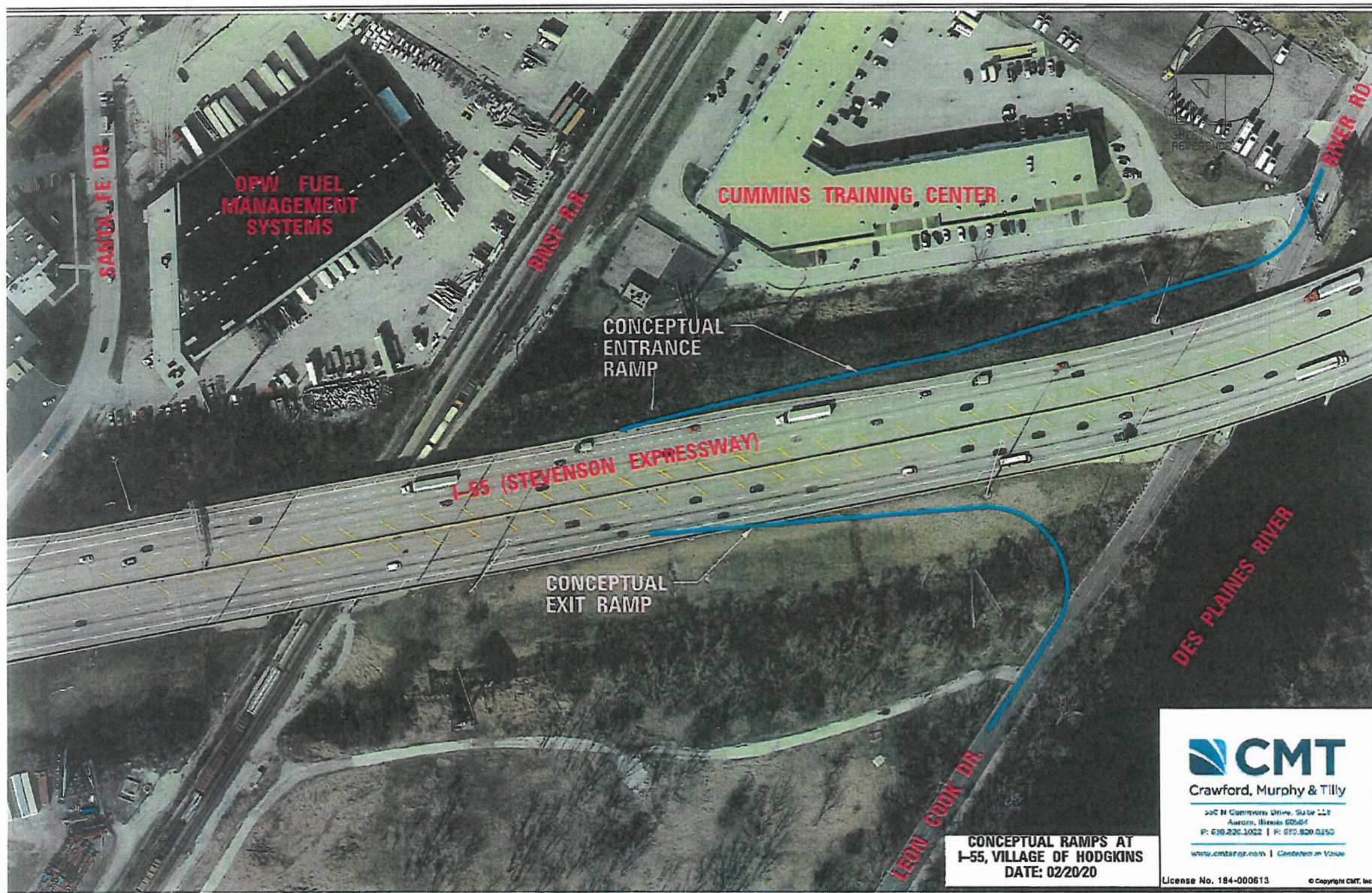
ADOPTED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF HODGKINS, IL ON THE 10th DAY OF FEBRUARY, 1989.
REVISED AND UPDATED TO MEET ORDINANCES APPROVED TO THIS DATE: JAN. 15, 2020.

APPROVED PRESIDENT

ATTEST VILLAGE CLERK

R E V I S I O N S								
NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE
1	J.C.	03/31/10	4	J.C.	12/31/17	7	J.C.	01/15/20
2	J.C.	06/14/10			01/12/18			
3	J.C.	10/26/10	5	J.C.	08/25/19			

NOVOTNY ENGINEERING
545 P. & E. EXP. & SURV.
2000 N. W. 10TH ST. # 100
T. 301.0000000
F. 301.0000000



CONCEPTUAL RAMPS AT
I-55, VILLAGE OF HODGKINS
DATE: 02/20/20

CMT
Crawford, Murphy & Tilly

300 N. Commons Drive, Suite 118
Aurora, Illinois 60004
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www.cmtengr.com | *Connected in Value*

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