City of Hiawatha

Engineering Department

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To: **Mayor and City Council** **Date: November 29, 2018**

From: John Bender PE, City Engineer

Re: **November 2018 Update**

Description: Engineering Department Report

- Working with Public Works on various projects.
- Working with the Community Development Department to review building site plans, final plats, and rezoning requests. Projects under way include the Todd Hills 1st Addition, Sherman Square 9th Addition, Dave Wright Expansion, Pecks Landing, and several new commercial site plans.
- We are now working with the future land owner of the Village Center surrounding the new intersection for redevelopment that is planned to start next spring. The first task is to survey the property and develop a new right-of-plat for the future street extensions. This property will not be transferred in the property purchase as the City needs to retain this area for the new street.
- The 2018 Robins Road Pavement rehabilitation project is now complete. LL Pelling from North Liberty completed the project in less than 2 weeks. We will be preparing the final out documents for acceptance by the City Council.
- We are working to update our construction specifications for all work done in Hiawatha to the Statewide Urban Design and Specifications Program. (SUDAS). We are setting a public hearing on the documents for the December 19th meeting. The schedule for adoption is now set for the first of next year to start the new construction season.
- The sanitary sewer extension project on the east side of Edgewood Road approximately 2000 feet south of Hunt Road and the replacement of the Mitchell drive pressure line is well underway. Maxwell Construction from Iowa City has the work completed on Mitchell Drive and anticipates connecting the new pressure line on Friday November 30th. The Mitchell Drive pressure line replacement will be completed by mid-December. The completion date for the entire project is next spring.
- Council has authorized moving ahead with the Robins Road Planning Study for the area between the new intersection at Center Point Road and Boyson Road. We have awarded a contract to Bolton Menk,

of Cedar Rapids. The study will take several months to complete so we anticipate a late spring completion date. The plan is for the steering committee to have the kickoff meeting December 4th. We have several staff, Council, and property owners on this committee. The plan is for the steering committed to meet monthly.

- The Metropolitan Planning Organization is finalizing the Tower Terrace Roadway Corridor management Study. The final steering committee meeting was held November 15th. A public open house was held in October with several hundred people attending. We hope to have the study completed in December with each agency approving the study as a guide to move forward with the planning of this important transportation corridor.

- The new Tower Terrace Interchange design is moving forward. This project is scheduled to start construction in fiscal year 2021. The environmental document for the project has been approved and the recently completed Interchange Justification Report (IJR) has been reviewed and sent to the Federal Highway Administration for approval. We have a meeting this week to review the latest design and a recommendation for the pedestrian/trail facilities and how they will be accommodated in the intersection plan.

- With the new Tower Terrace Interchange design moving forward, the City is ready to proceed with the design of the roadway improvements of Tower Terrace east of the new intersection to Center Point Road. Our plan is to publish a Request for Qualifications (RFQ) for interested firm to submit their information to provide the needed environmental studies, archeological studies, soil tests, preliminary and final design, and bidding documents in accordance with the Iowa DOT specifications. The timing is very important for this work, as we want to coordinate our schedule with the IDOT bidding of the interchange construction. We plan to use the same process to establish a steering committee to review the proposals and make a recommendation to the Council for awarding a contract to the best firm.

I am sure there are other projects I failed to include in the report, but feel free to contact me with questions at any time.

SUDAS

Statewide Urban Design and Specifications Program

Iowa

SUDAS

STATEWIDE URBAN DESIGN AND SPECIFICATIONS

CITY OF HIAWATHA
GENERAL SUPPLEMENTAL SPECIFICATIONS TO SUDAS STANDARD SPECIFICATIONS, 2018 EDITION

These Supplemental Specifications amend the 2018 Statewide Urban Design and Standards (SUDAS).

DIVISION 1 – General Provisions and Covenants

Section 1040 - Scope of Work

1.06 Increase or Decrease of Work

Delete Item 10.6 B. and replace with the following: "B. Unless such alterations, increases or decreases materially change the character of the work to be performed or the cost thereof, the altered work shall be paid for at the same unit prices as other parts of the work. Quantity changes amounting to 25% or less of the total bid for an item shall not affect the unit price of that item. If, however, the character of the work or the unit costs thereof are materially changed, due to unforeseen events, an allowance shall be made on such basis as may have been agreed to in advance of the performance of the work. "

1.10 Disputed Claims for Extra Compensation

Add item A. 6 as follows: "6. Monetary compensation will not be made for time necessary to resolve disputed claims issues."

1.11 Delays Caused by the Jurisdiction

Add the following paragraph: "The Engineer shall have a minimum of 5 working days upon receipt of written request by the Contractor for clarification of issues or claims for extra compensation to respond. The Contractor shall not be entitled to delay claims during this period."

Section 1050- Control of Work

1.10 Line and Grade Stakes

Add item D. as follows: "D. On privately contracted projects, the Owner shall hire a Licensed Surveyor per Section 11010 for all survey work."

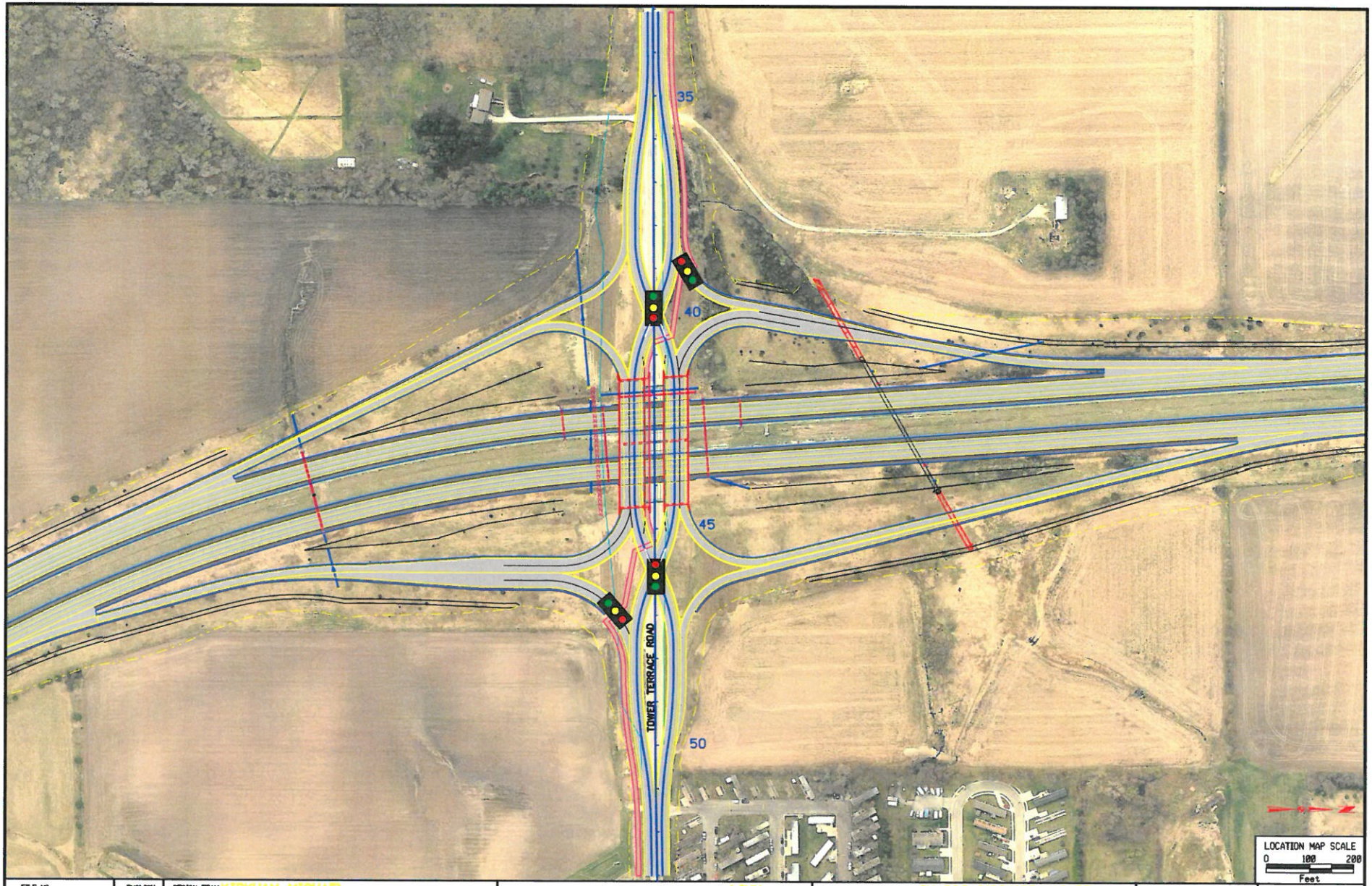
2.13 Borrow and Waste Sites

Add item C. as follows: "The Contractor is required to obtain written authorization for use from the owner for all borrow and waste sites secured for use. A copy of the authorization shall be submitted to the Engineer prior to use of the site. Upon completion of the usage and restoration of the site, the Contractor shall also obtain written acceptance from the owner and submit a copy to the Engineer."

Section 1080 – Prosecution and Progress

1.03 Work Progress and Schedule

Delete item B. and replace with the following: "After being awarded the contact, the Contractor shall immediately prepare and submit to the Engineer for review and approval a



FILE NO.	ENGLISH	DESIGN TEAM KIRKHAM MICHAEL	LINN COUNTY	PROJECT NUMBER IM-380-6(224)25--13-57	SHEET NUMBER K.11

SYSTEMTIME SYSTEMDATE USERNAME DGNSPEC

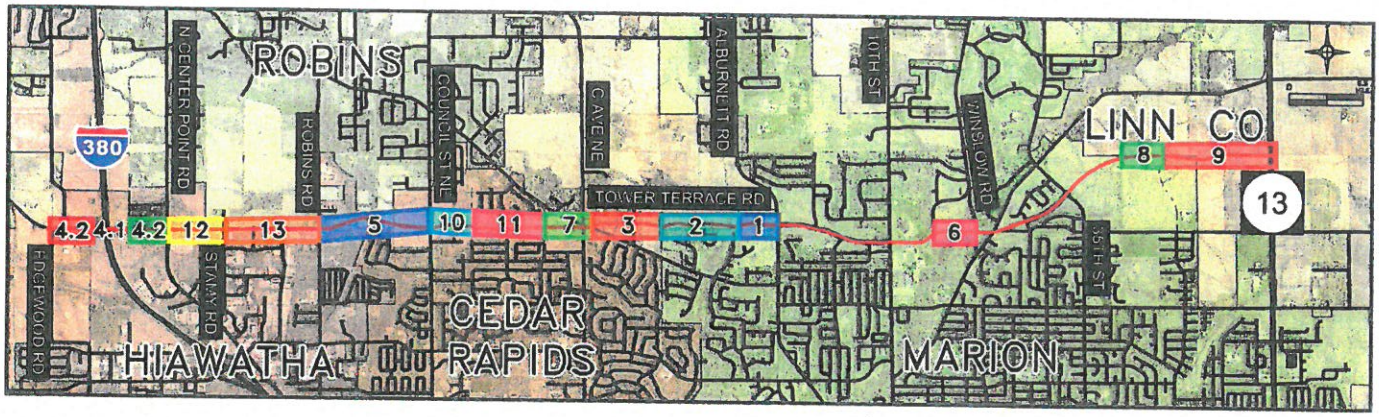


FIGURE 39: Overall Tower Terrace Road Construction Project Priorities Map

CONSTRUCTION PROJECT PRIORITIES			
PROJECT PHASE PRIORITY	**PROJECT PHASE**	**PROJECT PHASE LIMITS**	**COMMENTS**
1	11	E. Edge of Kloubec Property to Alburnett Road	TIP Schedule 2019 Construction
2	10	E. Edge of Area C (Annexation Limit) to E. Edge of Kloubec Property	TIP Schedule 2019 Construction
3	9	C Avenue to E. Edge of Area C (Annexation Limit)	TIP Schedule 2019 Construction
4.1	-	I-380 Interchange (By Iowa DOT)	2021 Construction
4.2	1	Edgewood Road to W. Edge of I-380 Interchange	Build with I-380
4.2	2	E. Edge of I-380 Interchange to Center Point Road	Build with I-380
5	5	Robins Road to Council Street (Bridges Over Dry Creek and Canadian National Railway)	7-8 year Design to Construction
6	12	Relocated Winslow to Existing Winslow (Bridge Over Indian Creek)	7-8 year Design to Construction
7	8	Summerset Extended to C Avenue	TIP Schedule 2020 Construction
8	13	The Ridge at Indian Creek to Beckner-Robinson-Vaughn Farms	Schedule may be tied to development
9	14	Beckner-Robinson-Vaugh Farms to IA Highway 13	Schedule may be tied to development
10	6	Council Street to Turtle Run Extended	Schedule may be tied to development
11	7	Turtle Run Extended to Summerset Extended	Schedule may be tied to development
12	3	Center Point Road to Stamy Road	
13	4	Stamy Road to Robins Road	

TABLE 8: Overall Construction Project Priorites

BOLTON & MENK

Real People. Real Solutions.

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Robins Rd Corridor Study
Project Schedule

Phase 1: Existing Conditions & Concepts

Tues, December 4th, 5:30 PM	Steering Committee Kickoff Meeting (Recurring Meeting - 1st Tuesday of Each Month)
Thursday, December 13th, 5-7 PM	Public Open House Identify Needs, Priorities, Issues, Opportunities
Tuesday, January 8th, 5:30 PM	Steering Committee Meeting
Thursday, January 31st	**Complete Phase 1: Existing Conditions Study & Conceptual Improvements**

Deliverables:
- *ROW Analysis Diagram of Existing Conditions*
- *Plan Analysis, diagram, and brief report*
- *Issues and Opportunities Diagram*
- *Cross Sections of Existing ROW Patterns*
- *Concept Plan Alternatives*
- *Streetscape Plan Alternatives*
- *Intersection Vignettes*
- *Signage, Gatetway, and Monument Vignettes*
- *Pedestrian & Bicycle Circulations Concepts*

Phase 2: Analysis and Alternative Plans

Tuesday, February 5th, 5:30 PM	Steering Committee Meeting
Thursday, February 7th, 5-7 PM	Public Open House Findings, Emerging Themes, and Corridor Framework
Tuesday, March 5th, 5:30 PM	Steering Committee Meeting
Thursday, March 28th	**Complete Phase 2: Urban Renewal Concepts**

Deliverables:
- *Visual Preferencing*
- *Benchmarking Comparison*
- *Two Comparative Scenarios / Sketch Plans*
- *Preferred Alternative Plan for Focus Areas*
- *Public Improvements Report / Diagram*
- *Zoning / Land Use Recommendations*

Bolton & Menk is an equal opportunity employer.

Robins Road Corridor Study Project Schedule
11.06.2018

Phase 3: Recommendations, Report, Cost Opinion

Tuesday, April 2nd, 5:30 PM	Steering Committee Meeting
Tuesday, May 7th, 5:30 PM	Steering Committee Meeting
Thursday, May 16th, 5-7 PM	Public Open House Plan Recommendations
Thursday, May 30th	**Complete Phase 3: Final Report and Cost Opinion** *Deliverables: Final Report Hard Copy and PDF* *Cost Opinion Excel Spreadsheet and PDF*
Tuesday, June 4th, 5:30 PM	Steering Committee Meeting Wrap-up Study / Kickoff Funding Applications