



**HR GREEN, INC.
PROFESSIONAL SERVICES AGREEMENT AMENDMENT NO. 3**

THIS AMENDMENT, made this 17th day of October, 2022 by and between, THE CITY OF AURORA, ILLINOIS (hereafter "CLIENT") and HR GREEN, INC. (hereafter "COMPANY"), for professional services concerning:

Downtown Two-Way Conversion and Broadway Avenue Improvements
Phase II – Contract Plans, Specifications and Estimates

hereby amends the original Professional Services Agreement dated June 8, 2016 as follows:

CLIENT and COMPANY agree to amend the Scope of Services of the original Professional Services Agreement and previous amendments as follows:

1.0 Project Understanding

General Understanding

CLIENT intends to convert both Galena Boulevard (currently one-way eastbound) and New York Street (currently one-way westbound) to two-way traffic, between Lake Street and Broadway Avenue. The project will provide for the signing and pavement marking necessary to accommodate two-way traffic along Galena Boulevard and New York Street within these segments. Associated traffic signal modifications at the following seven (7) intersections will also be provided:

- Galena Boulevard at Lake Street
- Galena Boulevard at River Street
- Galena Boulevard at Stolp Avenue
- Galena Boulevard at Broadway Avenue
- New York Street at Lake Street
- New York Street at River Street
- New York Street at Broadway Avenue

CLIENT also intends to convert Downer Place from one-way to two-way traffic, between Broadway Avenue and Lincoln Avenue. COMPANY is under contract (Purchase Order #283937, dated August 11, 2016) for the Phase II engineering services required for the conversion of Downer Place, Galena Boulevard and New York Street from one-way to two-way traffic within the segments described above. These services include, but are not limited to, the preparation of Intersection Design Studies (IDSs), contract plans, specifications and estimates. Originally, CLIENT planned to utilize only local funding for the project. Since there was no State and/or Federal funding involved, the project would be on a local letting. Due to the proposed work at Lake Street and Broadway Avenue, those five (5) IDSs (including Downer Place/Broadway Avenue) as well as the plans and specifications require review and approval by the Illinois Department of Transportation (IDOT). It was assumed that no Phase I studies would be required for this project.

Subsequent to the authorization of the original agreement, CLIENT requested that COMPANY include the conversion of Broadway Avenue from a four (4) lane to a three (3) lane cross-section between Benton Street and New York Street in the aforementioned plans, specifications and estimates. Due to the proposed work at the intersection of Benton Street and Broadway Avenue, CLIENT's request necessitated the preparation of one (1) additional IDS requiring IDOT review and approval.

The initial IDSs were submitted to IDOT for review on October 13, 2016. As a result of that initial review, IDOT requested updated 12-hour traffic counts and projections for the six (6) intersections involving Lake Street and Broadway Avenue. Coordination and execution of the additional traffic counts and analyses requested by IDOT was not included in the scope of the original agreement. The traffic counts used in the initial IDS were provided by CLIENT, courtesy of their Centralized Traffic Management System (CTMS).

Also subsequent to the authorization of the original agreement, CLIENT requested that the conversion of Downer Place from one-way to two-way traffic (between Broadway Avenue and Lincoln Avenue) be advanced as a separate, stand-alone project. CLIENT desired that this portion of the project be permitted ahead of the rest so the signing, pavement marking and traffic signal work could coincide with a sewer construction project. The work along Downer Place has since been completed.

AMENDMENT #1, dated May 11, 2017, added the following tasks to the scope of services:

- Inclusion of the Broadway Avenue lane reconfiguration from four (4) lanes to three (3) lanes in the plans, specifications and estimates;
- IDS for Broadway Avenue at Benton Street (due to lane reconfiguration);
- Traffic counts at six (6) intersections (due to IDOT comments), as well as subsequent coordination of revised 2040 projections with the Chicago Metropolitan Agency for Planning (CMAP) and redistribution of design traffic throughout the project street network;
- Permitting of Downer Place two-way conversion as a separate, stand-alone project; and
- Additional meetings and coordination.

The project was placed on hold in early 2017 due to a lack of support from Hollywood Casino for the proposed changes along Galena Boulevard and New York Street, and from IDOT for the proposed changes along Broadway Avenue. In late 2018, CLIENT resumed discussions with Hollywood Casino and intended to advance the conversion of Galena Boulevard and New York Street from one-way to two-way traffic, between Lake Street and Broadway Avenue. At that time CLIENT also desired to advance improvements to Broadway Avenue under a new concept plan, which consisted of widening the existing four (4) lane section instead of reducing the number of lanes. Due to the proposed widening along Broadway Avenue, approximately 25 to 30 existing sidewalk vaults will need to be closed and filled.

AMENDMENT #2, dated August 1, 2019, added the following tasks to the scope of services:

- Inclusion of Broadway Avenue widening and resurfacing in the development of the IDSs, plans, specifications and estimates;
- Updated 2050 traffic projections from Chicago Metropolitan Agency for Planning (CMAP), for comparison purposes only;
- The addition of roadway profiles, drainage and water main plan and profiles, quantity schedules, maintenance of traffic plans, typical sections, intersection pavement elevation plans and cross-sections;
- Inclusion of structural plans and specifications for the closing/filling of sidewalk vaults along Broadway Avenue; and
- Additional meetings and coordination.

The revised IDSs were submitted to IDOT on November 25, 2019, and IDOT returned comments that were dated January 31, 2020. COMPANY was working on the IDS revisions as well as the plans and specifications when CLIENT paused the project in June 2020 due to budget constraints. In late 2021, CLIENT submitted a grant application to the Illinois Department of Commerce and Economic Opportunity (DCEO) as part of the Rebuild Illinois Downtowns and Main Streets Capital

program. CLIENT's application was successful and the project was awarded \$3 million in August 2022. With the DCEO grant funding secured, CLIENT intends to advance the conversion of Galena Boulevard and New York Street from one-way traffic to two-way traffic between Lake Street and Broadway Avenue. CLIENT also intends to advance improvements to Broadway Avenue under a new concept plan, which consists of select elimination of parking, widening of the existing four (4) lane section, and pedestrian and streetscape improvements up to the face of the adjacent buildings. In 2021, IDOT completed a project along Lake Street that included roadway resurfacing and pedestrian / ADA improvements, which altered the existing conditions at Galena Boulevard and New York Street.

In general, AMENDMENT #3 governs the following additional tasks requested by CLIENT, which were not included in the scope of the original agreement, AMENDMENT #1, and/or AMENDMENT #2:

- Update five (5) IDSs (Lake Street at New York Street and Galena Boulevard; and Broadway Avenue at New York Street, Galena Boulevard and Downer Place);
- Update the contract plans, specifications and estimates, including quantity schedules, maintenance of traffic plans, typical sections, intersection pavement elevation plans, traffic signals and cross-sections;
- Prepare ADA grading details and potential MEP coordination per current IDOT District One guidelines/standards (new policy since last submittal);
- Develop and present concepts for streetscaping enhancements along Broadway Avenue, and complete associated plans, specifications, estimates and other related tasks;
- Complete full topographic survey along Broadway Avenue to support the detailed design of the roadway and streetscaping elements;
- Complete additional topographic survey on Lake Street at the intersections of Galena Boulevard and New York Street, due to construction of recent IDOT project;
- Public involvement activities;
- Additional meetings and coordination; and
- Additional project administration.

For the purposes of this AMENDMENT, it is assumed that the Phase II engineering services will conclude 10 months from Notice to Proceed from CLIENT.

Design Criteria/Assumptions

The following design guidelines will apply to this project:

- A. Manual on Uniform Traffic Control Devices (MUTCD);
- B. IDOT District One, Traffic Signal Design Guidelines;
- C. City of Aurora, Standard Specifications for Improvements (as applicable);
- D. IDOT Bureau of Local Roads and Streets (BLRS) Manual (as applicable); and
- E. IDOT Bureau of Design and Environment (BDE) Manual (as applicable).

2.0 Scope of Services

CLIENT agrees to employ COMPANY to perform the following services:

2.1 Downer Place Permit

No additional services will be needed for the Downer Place Permit project as part of this ADDENDUM. This portion of the project has been completed. Proposed changes to the Downer Place intersection with Broadway Avenue will be included in the Broadway Avenue improvements (See Section 2.5).

2.2 Galena Boulevard and New York Street Two-Way Conversion

A. Early Coordination, Data Collection and Review

One (1) person from COMPANY will perform a field check and inventory of roadside signage and pavement marking to determine changes since the original survey and to serve as a basis to determine which items can be relocated or remain in place and which will need to be removed as part of the traffic conversion.

B. Survey Services

In 2021, IDOT completed a construction project along Lake Street (IL 31) that included improvements at Galena Boulevard and New York Street, thereby altering the existing conditions. The IDOT project included, but was not limited to, roadway resurfacing and sidewalk/ADA improvements.

1. COMPANY will perform topographic survey of the Lake Street intersections at Galena Boulevard and New York Street. The survey limits include the intersection extending 50 feet past the curb returns in each direction. The topographic survey will include visible above ground improvements within the limits described above and extend 10 feet outside of the existing right-of-way (ROW). Invert and pipe size measurements at storm sewer, sanitary sewer and water valve manholes along Lake Street are not needed for this project and will not be obtained. A ROW survey along Lake Street will not be completed. The survey will reference existing NGS control stations, Illinois State Plane Coordinate System East Zone NAD83 (2011). Elevations will be based upon NAVD88 or local benchmarks. Topographic survey along Galena Boulevard or New York Street east of Lake Street, or Broadway Avenue is not included in this AMENDMENT.
2. COMPANY will generate a MicroStation V8i SS10 drawing/base map and terrain model of the existing features collected within the limits described above according to IDOT standards. A one (1) foot contour interval map will be generated with the elevations referenced to NAVD88 (US Survey Feet).

C. Intersection Design Studies (IDSs)

It is assumed that the IDSs for the intersections of New York Street at River Street; Galena Boulevard at River Street; and Galena Boulevard at Stolp Avenue will not require updating or additional effort as part of this ADDENDUM.

COMPANY will revise the IDSs and supporting documentation for the Lake Street intersections with New York Street and Galena Boulevard due to changes in the existing condition and IDOT policy since the November 2019 submittal. The IDSs and supporting documentation will be submitted to CLIENT and IDOT for review and approval at the 90 percent and 100 percent milestones. It is assumed that only two (2) submittals will be required to obtain CLIENT and IDOT approval. The IDS updates will include the following:

1. COMPANY will update the IDS exhibits to show the revised existing conditions/geometrics, capacity analysis results and general design considerations using the standard IDOT format. Autoturn simulations of the design vehicle (single-unit truck) along with the IDOT requested WB-65 turning movements will be included with the IDS. The revised existing traffic signal layout will be evaluated for compatibility with the proposed geometrics and ADA accommodations. Vertical profile information for the existing roadways will not be included.
2. COMPANY will add ADA detail exhibits for all eight (8) intersection corners to include with the IDSs per IDOT's new policy and review comment.

3. BDE 3100 (Design Exception Request Project Identification) forms will be prepared for each design element that does not meet IDOT BDE policy on IDOT's latest BDE 3100 form for up to 12 design exceptions. Each BDE 3100 form will be prepared on IDOT's updated forms and will have an exhibit prepared illustrating the design element not meeting policy, as required by IDOT District One.

D. Preparation of Contract Plans, Specifications and Estimates

COMPANY will revise the contract plans, specifications and estimates due to changes in the existing condition and IDOT standards, pay items and specifications since the November 2019 submittal. The plans, specifications, and estimates for the two-way conversion will be combined with the Broadway Avenue improvements as one (1) construction contract, and submitted to CLIENT and IDOT for review and approval at the 90 percent and 100 percent milestones. It is assumed that only two (2) submittals will be required to obtain CLIENT and IDOT approval. The plans will not be submitted to any other agencies. It is assumed that the proposed improvements will not require any modifications to the existing interconnect infrastructure. Neither an interconnect plan, nor an interconnect schematic will be provided. The following plan sheets require revisions:

1. Cover Sheet;
2. Sign and Pavement Marking Schedules;
3. Sign and Pavement Marking Plans; and
4. Traffic Signal Modification Plans.

2.3 Meetings and General Coordination

COMPANY will attend the following meetings:

- A. One (1) CLIENT kickoff meeting; three (3) people;
- B. Five (5) CLIENT meetings to discuss the plan in progress and/or any CLIENT review comments; three (3) people; and
- C. Two (2) IDOT meetings to discuss the plan in progress and/or any IDOT review comments; three (3) people.

In addition to the aforementioned meetings, COMPANY will conduct general coordination throughout the project with CLIENT, IDOT, and various stakeholders within the project limits. This item includes, but is not limited to letters, telephone and email correspondence, and the filing of information. This item also includes meeting preparation, composition of meeting minutes, distribution of meeting minutes to attendees, and travel time to and from the various meetings.

COMPANY will also coordinate with utility companies found to have facilities located within the vicinity of the project limits. COMPANY will request from these utility companies any available maps or atlas information of existing facilities for placement into a MicroStation base map for the design.

2.4 Administration

COMPANY will conduct general project administration throughout the **extended** duration of the project, including management and oversight of the project team; periodic review of the project execution; document control; scope, schedule and budget monitoring; billing and invoicing; contract file management; and preparation of monthly progress reports. For the purposes of this AMENDMENT, it is assumed that the Phase II engineering services will conclude 10 months from Notice to Proceed from CLIENT.

COMPANY will also conduct general administrative tasks associated with the development and execution of this AMENDMENT.



2.5 Broadway Avenue Improvements

A. Intersection Design Studies (IDSs)

COMPANY will revise the IDSs and supporting documentation for the Broadway Avenue intersections with New York Street, Galena Boulevard and Downer Place per CLIENT's revised concept plan. The IDSs and supporting documentation will be submitted to CLIENT and IDOT for review and approval at the 90 percent and 100 percent milestones. It is assumed that only two (2) submittals will be required to obtain CLIENT and IDOT approval. The IDS revisions will include the following:

1. Based on CLIENT's new concept plan, COMPANY will revise the proposed CAD base map for the Broadway Avenue corridor between Benton Street and New York Street. The CAD base map will depict the final curb lines, pavement marking, sidewalk and streetscaping areas, and will serve as the basis for developing the plans, specifications, and estimates for both the streetscape and roadway improvements.
2. COMPANY will update the IDS exhibits to show the revised geometrics, capacity analysis results and general design considerations using the standard IDOT format. Autoturn simulations of the design vehicle (single-unit truck) along with the IDOT requested WB-65 turning movements will be included with the IDS. Vertical profile information for the existing roadways will not be included.
3. COMPANY will add ADA detail exhibits for up to 14 intersection corners (2 at Benton Street, 4 at Downer Place, 4 at Galena Boulevard, and 4 at New York Street) to include with the IDSs per IDOT's new policy and latest review comment.
4. COMPANY will prepare ADA Maximum Extent Practicable (MEP) forms and present to IDOT for up to six (6) ADA corners. Preparation of each MEP form will include a site visit with photo log, exhibits, and preparation of BDE 3101.
5. BDE 3100 (Design Exception Request Project Identification) forms will be prepared for each design element that does not meet IDOT BDE policy on IDOT's latest BDE 3100 form for up to 22 design exceptions. Each BDE 3100 form will be prepared on IDOT's updated forms and will have an exhibit prepared illustrating the design element not meeting policy, as required by IDOT District One.

B. Preparation of Contract Plans, Specifications, and Estimates

COMPANY will revise the contract plans, specifications, and estimates based on CLIENT's revised concept plan for widening Broadway Avenue (IL 25) between Benton Street and New York Street, as well as IDOT's current policies, pay items and specifications. The plans, specifications, and estimates for Broadway Avenue were substantially developed based on the previous, preferred geometrics when CLIENT paused the project in June 2020. The plans, specifications, and estimates will be submitted to CLIENT and IDOT for review and approval at the 90 percent and 100 percent milestones. It is assumed that only two (2) submittals will be required to obtain CLIENT and IDOT approval. The plans will not be submitted to any other agencies.

1. Roadway Widening Plans

The following plan sheets will require revisions:

- a. Index of Sheets / List of Highway Standards;
- b. General Notes;
- c. Summary of Quantities;

- d. Typical Sections;
- e. Schedules of Quantities;
- f. Alignment, Ties, and Benchmarks (not included in original scope);
- g. Removal Plans;
- h. Roadway Plan and Profile;
- i. Suggested Sequence of Construction;
- j. Intersection Grading Plan;
- k. Pavement Marking and Signing Plan;
- l. Miscellaneous Details; and
- m. Cross Sections.

2. Traffic Signal Modification Plans

COMPANY will revise the traffic signal modification plans for the following intersections with Broadway Avenue: New York Street, Galena Boulevard, Downer Place, and Benton Street. In general, the modifications will consist of the relocation of ancillary traffic signal equipment and their cables. However, it is also possible that some mast arm, traffic signal post and controller foundations will need to be moved, due to either conflicts with the streetscaping plans or IDOT's comments. Neither an interconnect plan, nor an interconnect schematic will be provided. It is assumed that additional sheets will not be required. System re-optimization will be provided by CLIENT through its CTMS. Temporary traffic signal plans will also not be provided. The revising, tabulation and checking of pay items and quantities will also be performed as part of the updating of traffic signal sheets.

3. Specifications

In January 2022, IDOT issued a new Standard Specifications for Road and Bridge Construction along with new pay items. COMPANY will revise the following specifications (as applicable) for inclusion in the contract documents:

- a. Supplemental Specifications and Recurring Special Provisions;
- b. Project Specific Special Provisions (including those required by CLIENT and IDOT, District One);
- c. IDOT District One Traffic Signal Specifications;
- d. BLR Special Provisions; and
- e. BDE Special Provisions.

4. Quantities and Estimates

COMPANY will update the Engineer's Opinion of Probable Cost and Estimate of Time based on the changes to the pay items and quantities.

5. Quality Assurance and Quality Control

COMPANY will provide additional Quality Assurance and Quality Control (QA/QC) in accordance with COMPANY's current Quality Manual (QM), which outlines processes for project planning, including design input, outputs, review and verification. The QM also outlines internal processes, such as standardization, internal project audits, selection and rating of subconsultants, and monitoring of deliverables.



2.6 Miscellaneous

No additional services will be needed for this task as part of this ADDENDUM.

2.7 Sidewalk Vaults

No additional services will be needed for this task as part of this ADDENDUM.

2.8 Broadway Avenue Streetscape Design and Plans

A. Existing Conditions Analysis

COMPANY will review all existing streetscape enhancements in the vicinity of the project location and identify the existing strengths, weaknesses, and opportunities to be carried forth on this project. Site data collection will include land use, ROW, parking, lighting, and pedestrian patterns, as well as an evaluation for directional and gateway signage. The site analysis will result in an analysis plan for the project, outlining opportunities and challenges and establish guidelines moving forward in the planning and streetscape elements selection.

B. Vision and Streetscape Concepts

COMPANY will develop a streetscape vision, in line with the downtown Master Plan and community expectations, that will create a unified approach and design framework from which streetscape concepts will be developed. COMPANY will integrate the information gathered and the analysis developed to create two (2) concepts that focus on the Downtown Experience. Streetscape concepts developed will have the intention to enhance the built environment, to create a sense of place, further define the City's character and identity, explore opportunities to develop and implement a comprehensive signage and wayfinding program, and enhance mobility and safety. Streetscape concepts will include a written memorandum, images, graphics, maps, and other visual aids necessary to convey the intent and goals for the project.

C. Final Concept Plan

COMPANY will utilize CLIENT, stakeholder, and public feedback on the streetscape concepts to develop a final streetscape vision and plan for CLIENT consideration and comment. Upon receipt of comments, COMPANY will update the plan and provide a disposition of comments. The final plan will include images, graphics, maps, and other visual aids that tell the narrative.

D. Visualization and Fly Through

COMPANY will develop a 3D visualization of the streetscape improvements to aid CLIENT and stakeholder evaluation and understanding of the proposed concepts and intended improvements. Visualizations will include up to two (2) intersection renderings, three (3) mid-block renderings, three (3) cross-sections renderings, and one (1) fly through animation.

E. Plans, Specifications, and Estimates

COMPANY will prepare contract plans, specifications, and estimates for the streetscape improvements to be included in the overall construction contract for Broadway Avenue (combined with roadway improvements). Preliminary (30% milestone) plans will be submitted to CLIENT for review and comment. Pre-final (90%) and final (100%) plans, specifications, and estimates will be submitted to CLIENT and IDOT for review and comment or approval. The streetscaping plans, specifications and estimates will not be submitted to any other agencies. The following is a general description of anticipated streetscaping plans:

1. Tree planting plan including tree wells;
2. Hardscape Plans – decorative concrete and/or pavers;
3. Landscape Plans – bump outs and planters; and



4. Miscellaneous Details.

2.9 Broadway Avenue Full Topographic Survey

A. Topographic Survey

COMPANY will perform a topographic survey for approximately 1,600 feet along existing Broadway Avenue from 50 feet south of the Benton Street curb returns to 50 feet north of the New York Street curb returns. The route includes four (4) full intersections, including Benton Street, Downer Place, Galena Boulevard, and New York Street. The intersection survey will extend 50 feet east and west of the curb returns. The topographic survey will include visible above ground improvements and roadway cross-sections at 50-foot intervals within the limits described above and extend 10 feet outside of the existing right-of-way (ROW) where possible. Outlines of exterior building faces at ground level and entrance elevations will be surveyed, excluding survey inside of buildings. It is anticipated that invert measurements on storm sewer, sanitary sewer and water valve manholes will not be required for this project. It is also anticipated that a ROW survey will not be required for this project. The survey will reference existing NGS control stations, Illinois State Plane Coordinate System East Zone NAD83 (2011). Elevations will be based upon NAVD88 or local benchmarks.

B. Topographic Survey Base Map

COMPANY will generate a MicroStation V8i SS10 drawing/base map and terrain model of the existing features collected within the project limits according to IDOT standards. A one (1) foot contour interval map will be generated with the elevations referenced to NAVD88 (US Survey Feet). COMPANY will combine the base map from this survey with previous topographic base mapping data for Galena Boulevard, New York Street, and Lake Street to create a comprehensive base map for the project area that includes Broadway Avenue, Galena Boulevard, New York Avenue, and a portion of Lake Street.

2.10 Public Involvement

- A. COMPANY will attend up to 10 one-on-one stakeholder coordination meetings to discuss the plan in progress. These meetings will take place on site, at CLIENT's office, or at COMPANY's office.
- B. COMPANY will organize and attend one (1) open house public information meeting, which will include the following related tasks:
 1. Coordinate meeting advertisement with local media (advertisement fees have been included as a direct cost). CLIENT will be responsible for coordinating and reserving a meeting space including any related fees.
 2. Send public meeting notification letters or postcards to property owners adjacent to the project corridor and others deemed necessary by CLIENT (mailing fees have been included as a direct cost).
 3. Develop exhibits and other materials for viewing/use during the public meeting.
 4. Two (2) people from COMPANY will attend the public information meeting.

3.0 Deliverables Included in this Contract

3.1 The following deliverables will be generated for this project and are included in this AMENDMENT:

- A. Revised IDSs, and any required BDE 3100 forms for three (3) Broadway Avenue intersections (New York Street, Galena Boulevard, and Downer Place) and two (2) Lake Street intersections (Galena Boulevard and New York Street);
- B. One (1) overall, combined set of revised plans, specifications, and estimates for the Galena Boulevard and New York Street two-way conversion and Broadway Avenue improvements;
- C. Streetscape Existing Conditions Analysis Plan;
- D. Two (2) Streetscape Concepts with memorandum;
- E. Final Streetscape Concept Plan;
- F. Two (2) intersection renderings;
- G. Three (3) mid-block renderings;
- H. Three (3) cross-section renderings;
- I. One (1) fly-through animation; and
- J. Streetscape plans, specifications, and estimates for preliminary (30%), pre-final (90%), and final (100%) milestones.

See Exhibit B for a detailed summary of recipients and estimated number of copies necessary for the various deliverables. CLIENT will be invoiced for any additional copies required above this estimate.

3.2 This AGREEMENT is based upon an extended project duration of 10 months, commencing with COMPANY's receipt of written Notice to Proceed from CLIENT. This schedule was prepared to include reasonable allowances for review and approval times required by the CLIENT and public authorities having jurisdiction over the project. This schedule shall be equitably adjusted as the project progresses, allowing for changes in the scope of the project requested by the CLIENT or for delays or other causes beyond the control of COMPANY.

4.0 Items not included in Agreement/Supplemental Services

The following items are not included as part of this AMENDMENT:

- A. Plats of Survey/Dedication/Highways/Easement;
- B. ROW survey;
- C. Building interior survey;
- D. Full topographic survey west of Broadway Avenue (except for Lake Street intersections with New York Street and Galena Boulevard);
- E. Invert measurement at manholes and vaults;
- F. Tree species identification;
- G. Updated traffic counts, projections and/or capacity analyses;
- H. Accident analyses;
- I. Traffic signal modifications other than those required to accommodate the improvements defined herein;
- J. New traffic signal installations;



- K. Temporary traffic signal plans;
- L. Interconnect plans and/or schematics;
- M. Accident analyses;
- N. Lighting design and/or plan preparation;
- O. Water main design and/or plan preparation;
- P. Storm sewer design and/or plan preparation;
- Q. Screening for, and/or identification of, any hazardous materials within or adjacent to the sidewalk vaults (responsibility will be placed on contractor via special provisions);
- R. Phase I reports and/or environmental coordination;
- S. Public information meeting summary and/or responses to public comment;
- T. Preparation of contractor bid documents and/or contractor bid review; and
- U. Construction layout and construction observation.

Supplemental services not included in the agreement can be provided by COMPANY under separate agreement, if desired.

5.0 Services by Others

- A. CLIENT will provide lighting plans, specifications, and quantity calculations for COMPANY to include in the overall contract document.
- B. CLIENT will provide water main plans, specifications, and quantity calculations for COMPANY to include in the overall contract document.
- C. CLIENT will provide storm sewer plans, specifications, and quantity calculations for COMPANY to include in the overall contract document.

No services by others are anticipated as part of this ADDENDUM.

6.0 Client Responsibilities

CLIENT will be responsible for providing the following:

- A. Updated SYNCHRO analyses (if required);
- B. Updated accident analysis (if required);
- C. Lighting plans and specifications for COMPANY to include in overall contract documents;
- D. Water main plans and specifications for COMPANY to include in overall contract documents;
- E. Storm sewer plans and specifications for COMPANY to include in overall contract documents;
- F. Coordination with building owners regarding access to sidewalk vaults; and
- G. Existing utility GIS data and available atlas information.

COMPANY Project Number: 88160255

CLIENT and COMPANY agree to amend other provisions of the original Professional Services Agreement and previous amendments as follows:

N/A



In consideration for these services, the CLIENT AGREES to adjust the payment for services performed by COMPANY on the following basis:

Time and Materials Not to Exceed to be increased by Two Hundred Ninety-Five Thousand Three Hundred Thirty and 48/100 Dollars (\$295,330.48).

The total authorized compensation after this AMENDMENT, including the original Professional Services Agreement and all previous Amendments, is Six Hundred Fifty-Nine Thousand Seven Hundred Twelve and 22/100 Dollars (\$659,712.22).

THIS AMENDMENT is subject to all provisions of the original Professional Services Agreement.

THIS AMENDMENT, together with the original Professional Services Agreement and all previous amendments represents the entire and integrated AGREEMENT between the CLIENT and COMPANY.

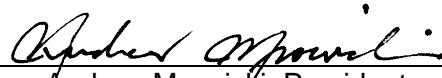
THIS AMENDMENT executed the day and year written above.

CITY OF AURORA

HR GREEN, INC.

By: _____

By



Andrew Mrowicki, President

MANHOUR ESTIMATE - ATTACHMENT A
 Downtown Two-Way Conversion and Broadway Avenue Improvements
 Phase II - Contract Plans, Specifications and Estimates
 City of Aurora
 HR Green Job No.: 88160255
 Amendment #3

Date: 10/17/2022

Task	SHEETS	Simmons Proj. Director	Witkop Proj. Manager	Yelton Proj. Eng. II	Donoso Staff Eng. I	Parris Proj. Designer	Miller Design Tech II	Wedwick Proj. Eng. I	Shupplet Group Lead	Ramos Lead LA	Green Staff LA II	Kane Staff LA I	Evans SLS II	McCombs PLS I	Dobrosavljevic Survey GL	Berry Const PM	Escobar Proj. Coord.	Total	Direct Costs	Total Fee	
2.1 - Downer Place Permit																					
2.2 - Galena Boulevard and New York Street Two-Way Conversion		8	48	18	14	20	50	28	0	0	0	0	16	10	1	0	0				
A - Early Coordination, Data Collection and Review					6													6	\$	9.38	\$
Advanced plan in hand site walkthrough (1 @ 6 hours, 1 person)																		6	\$	9.38	\$
B - Survey Services													16	10	1			27	\$	25.50	\$
Topographic Survey & Base Map													16	10	1			27	\$	25.50	\$
C - Intersection Design Studies (IDS) - 2 Intersections																		0	\$	140.40	\$
Phasing and Timing Analysis																		0	\$	-	\$
Intersection Geometrics																		0	\$	-	\$
Evaluate Geometric Constraints																		0	\$	-	\$
Evaluate Traffic Signal Layout																		0	\$	-	\$
Prepare Base Sheets																		0	\$	-	\$
IDS Exhibits			6				6	8										20	\$	2,735.52	\$
ADA Exhibits (5 hours / corner x 8 corners)			12			20	8											40	\$	6,401.99	\$
Design Exception Documentation (2 hours / DE x 12 DE)			10	4			10											24	\$	3,457.91	\$
Disposition of Comments			9	4														12	\$	2,057.21	\$
Address Comments and Resubmit			4	2			2											8	\$	1,234.54	\$
D - Preparation of Contract Plans, Specifications and Estimates																		0	\$	-	\$
1 - Roadway Plans																		1	\$	102.97	\$
Cover Sheet	1						1											1	\$	102.97	\$
Sign and Pavement Marking Schedule	2				8		2											12	\$	1,384.92	\$
Signs and Pavement Marking Plans (Double Pane @ 1" = 50')	2		2				8											14	\$	1,926.83	\$
Miscellaneous Details**	0																	0	\$	-	\$
2 - Traffic Signal Modification Plans																		1	\$	102.97	\$
Standard Traffic Signal Design Details (District One)																		1	\$	102.97	\$
Traffic Signal Modification Plans (2 Intersections)				4			4	4										12	\$	1,487.26	\$
Cable Plans, Phase Designation Diagrams and Schedules of Quantities*				4			8	16										28	\$	3,406.05	\$
Miscellaneous Details																		0	\$	-	\$
3 - Specifications																		0	\$	-	\$
Pre-Final Specifications and Special Provisions																		0	\$	-	\$
Final Specifications and Special Provisions																		0	\$	-	\$
4 - Estimates																		0	\$	-	\$
Pre-Final Engineer's Estimate of Probable Cost																		0	\$	-	\$
Final Engineer's Estimate of Probable Cost																		0	\$	-	\$
Pre-Final Estimate of Time																		0	\$	-	\$
Final Estimate of Time																		0	\$	-	\$
5 - Quality Assurance and Quality Control																		8	\$	1,954.12	\$
QA / QC		8																8	\$	1,954.12	\$
2.3 - Meetings and Coordination		54	78	0	0	0	28	0	5	27	0	0	0	0	0	0	8		\$	128.13	\$
Client Kickoff Meeting (1 @ 2 hours, 3 persons)		2	2				2			2								6	\$	1,276.13	\$
Client Coordination Meetings (5 @ 2 hours, 3 persons)		10	10						5	5								30	\$	6,446.24	\$
DOT Coordination Meetings (2 @ 2 hours, 3 persons)		4	4							4								12	\$	2,552.25	\$
General Coordination (10 months @ 8 hours per month)		30	34				34	8		8						8		60	\$	16,076.63	\$
Meeting Preparation (8 @ 2 hours)		4	8							4								16	\$	3,294.32	\$
Meeting Minutes (8 @ 2 hours)		4	8							4								16	\$	3,294.32	\$
Utility Company Plans and Allow							8											8	\$	823.74	\$
Incorporation of Utility Information into MicroStation			12				20											32	\$	4,285.53	\$
2.4 - Administration		13	27	0	0	0	0	0	0	0	0	0	0	0	0	0	16		\$	-	\$
Addendum Processing, Setup, and Resource Planning		12	27															12	\$	1,861.83	\$
General Project Administration (10 months @ 4 hours per month)			24															4	\$	7,770.50	\$
2.5 - Broadway Avenue Improvements		10	172	32	33	166	165	62	0	172	0	0	0	0	0	10	0		\$	210.60	\$
A - Intersection Design Studies (IDS) - 3 Intersections																		26	\$	3,931.36	\$
Corridor Geometry Updates																		0	\$	-	\$
Phasing and Timing Analysis			6	6		8	6											0	\$	-	\$
Intersection Geometrics																		0	\$	-	\$
Evaluate Geometric Constraints																		0	\$	-	\$
Evaluate Traffic Signal Layout																		0	\$	-	\$
Prepare Base Sheets																		0	\$	-	\$
IDS Exhibits			12				8	10										30	\$	4,305.70	\$
ADA Exhibits (5 hours / corner x 14 corners)			16			34	20											70	\$	10,726.11	\$
ADA MEP Coordination (6 locations @ 10 hours)			10			40	10											60	\$	9,588.96	\$
Design Exception Documentation (2 hours / DE x 22 DE)			18	8			18											44	\$	6,338.86	\$
Disposition of Comments			8	4														12	\$	2,057.21	\$
Address Comments and Resubmit			4	2			2											8	\$	1,234.54	\$
B - Preparation of Contract Plans, Specifications and Estimates																		0	\$	-	\$
1 - Roadway Widening Plans																		0	\$	-	\$
Cover Sheet***	0																	0	\$	-	\$
Index of Sheets / List of Highway Standards	1																	1	\$	265.63	\$
General Notes	1		2				2											4	\$	576.97	\$
Summary of Quantities	1				3		5											8	\$	817.82	\$
Typical Sections	1		2		4		4											10	\$	1,166.86	\$
Schedules of Quantities	1		6		12		4	12										36	\$	4,614.85	\$
Alignment, Ties, and Benchmarks	3		4				12											16	\$	1,977.67	\$
Removal Plans (Dual Pane @ 1"=20')	2		2				4											8	\$	984.89	\$
Roadway Plan and Profile (1"=20')	3		2		2		4	6										12	\$	1,536.38	\$
Suggested Sequence of Construction (1"=60')	8		8		4		8											20	\$	2,711.84	\$
Drainage and Water Main Plan and Profile (1"=20') - By Others	1						4											4	\$	516.82	\$
Intersection Grading Plan	4		2			20	8											30	\$	4,548.83	\$
ADA Details**	16		2				6											0	\$	-	\$
Pavement Marking and Signing Plan	3		2				6											8	\$	988.83	\$
Landscaping / Streetscaping Plans (1"=20')	3																	0	\$	-	\$
Lighting Plans - By Others	1																	0	\$	-	\$
Miscellaneous Details	4		12			64	16	4										76	\$	12,992.80	\$
Disposition of Comments			8		4			4										32	\$	4,037.89	\$
2 - Traffic Signal Modification Plans																					

ATTACHMENT B -DIRECT COSTS

Downtown Two-Way Conversion and Broadway Avenue Improvements
City of Aurora
HR Green Job No.: 88160255

DATE: 10/17/22

2.1 - Downer Place Permit

Total: \$0.00

2.2 - Galena Boulevard and New York Street Two-Way Conversion

A - Early Coordination, Data Collection and Review

Mileage Rate: \$0.625

Destination	Mileage Round-Trip	Number of Trips
HRG (Aurora) to Project Site	15	1

Total: \$9.38

B - Survey Services

Mileage Rate: \$0.850

Destination	Mileage Round-Trip	Number of Trips
HRG (Aurora) to Project Site	15	2

Total: \$25.50

C - Intersection Design Studies (IDS) - 2 Intersections

Printing Costs (bond) =	\$0.45	per square foot (sq ft)
Reduced Sheets (11"x17") =	1.3	sq ft
Full-Size Sheets (22"x34") =	5.2	sq ft
Full-Size Mylar Sheets =	\$7.50	each

Number of Additional Sheets = **10**

Pre-final (90%) Submittal

	City	IDOT	Total
Reduced Plan Sets	2	2	4
Full-Size Plan Sets	0	2	2

Subtotal: \$70.20

Final (100%) Submittal

	City	IDOT	Total
Reduced Plan Sets	2	2	4
Full-Size Plan Sets	0	2	2
Full-Size Mylars	0	0	0

Subtotal: \$70.20

Total: \$140.40

2.3 - Meetings and Coordination

Mileage Rate: \$0.625

Destination	Mileage Round-Trip	Number of Trips
HRG (Aurora) to Project Site	15	3
HRG (Aurora) to IDOT	80	2

Total: \$128.13

ATTACHMENT B -DIRECT COSTS

Downtown Two-Way Conversion and Broadway Avenue Improvements
City of Aurora
HR Green Job No.: 88160255

2.4 - Administration

Total: \$0.00

2.5 - Broadway Avenue Improvements

A - Intersection Design Studies (IDS) - 3 Intersections

Printing Costs (bond) =	\$0.45	per square foot (sq ft)
Reduced Sheets (11"x17") =	1.3	sq ft
Full-Size Sheets (22"x34") =	5.2	sq ft
Full-Size Mylar Sheets =	\$7.50	each

Number of Additional Sheets = **15**

Pre-final (90%) Submittal

	City	IDOT	Total
Reduced Plan Sets	2	2	4
Full-Size Plan Sets	0	2	2

Subtotal: \$105.30

Final (100%) Submittal

	City	IDOT	Total
Reduced Plan Sets	2	2	4
Full-Size Plan Sets	0	2	2
Full-Size Mylars	0	0	0

Subtotal: \$105.30

Total: \$210.60

B - Preparation of Contract Plans, Specifications and Estimates

Printing Costs (bond) =	\$0.45	per square foot (sq ft)
Reduced Sheets (11"x17") =	1.3	sq ft
Full-Size Sheets (22"x34") =	5.2	sq ft
Full-Size Mylar Sheets =	\$7.50	each

Total Number of Additional Sheets = **9**

Pre-final (90%) Submittal

	City	IDOT	Utilities	Total
Reduced Plan Sets	2	10	10	22
Full-Size Plan Sets	0	0	0	0

Subtotal: \$115.83

Final (100%) Submittal

	City	IDOT	Utilities	Total
Reduced Plan Sets	2	6	10	18
Full-Size Plan Sets	0	0	0	0
Full-Size Mylars	0	0	0	0

Subtotal: \$94.77

Total: \$210.60

ATTACHMENT B -DIRECT COSTS

Downtown Two-Way Conversion and Broadway Avenue Improvements
City of Aurora
HR Green Job No.: 88160255

2.6 - Miscellaneous

Total: \$0.00

2.7 - Sidewalk Vaults

Total: \$0.00

2.8 - Broadway Avenue Streetscape Design and Plans

Mileage Rate: \$0.625

Destination	Mileage Round-Trip	Number of Trips
HRG (Aurora) to Project Site	15	1

Subtotal: \$9.38

Printing Costs (bond) =	\$0.45	per square foot (sq ft)
Reduced Sheets (11"x17") =	1.3	sq ft
Full-Size Sheets (22"x34") =	5.2	sq ft
Full-Size Mylar Sheets =	\$7.50	each

Total Number of Sheets = **10**

Pre-final (90%) Submittal

	City	IDOT	Utilities	Total
Reduced Plan Sets	2	10	10	22
Full-Size Plan Sets	0	0	0	0

Subtotal: \$128.70

Final (100%) Submittal

	City	IDOT	Utilities	Total
Reduced Plan Sets	2	6	10	18
Full-Size Plan Sets	0	0	0	0
Full-Size Mylars	0	0	0	0

Subtotal: \$105.30

Total: \$243.38

2.9 - Broadway Avenue Full Topographic Surveying

Mileage Rate: \$0.850

Destination	Mileage Round-Trip	Number of Trips
HRG (Aurora) to Project Site	15	6

Total: \$76.50

ATTACHMENT B -DIRECT COSTS

**Downtown Two-Way Conversion and Broadway Avenue Improvements
City of Aurora
HR Green Job No.: 88160255**

2.10 - Public Involvement

One-on-One Stakeholder Meetings (10 @ 2 hours, 2 persons)

Mileage Rate: \$0.625

<u>Destination</u>	<u>Mileage Round-Trip</u>	<u>Number of Trips</u>
HRG (Aurora) to Project Site	15	10
Subtotal:		\$93.75

One (1) Public Information Meeting

Mileage Rate: \$0.625

<u>Destination</u>	<u>Mileage Round-Trip</u>	<u>Number of Trips</u>
HRG (Aurora) to Project Site	15	1
Subtotal:		\$9.38

Newspaper Advertisement: 2 times x 1 newspaper x \$500	\$	1,000.00
Postcards: assume 100 x 1 meeting x \$0.60/each	\$	60.00
Public Meeting Exhibits: assume 5 exhibits x \$50/each	\$	250.00
Public Comment Responses: assume 40 x \$0.60/each	\$	24.00

Subtotal: \$1,334.00

Total: \$1,437.13

GRAND TOTAL: \$2,481.60