

**AMENDMENT NUMBER ONE
TO
ENGINEERING DESIGN SERVICES AGREEMENT
FOR
BONNEVILLE/CLARK ONE-WAY COUPLET**

THIS AMENDMENT NUMBER ONE is made and entered into this ____ day of _____, _____, by and between the City of Las Vegas, a municipal corporation of the State of Nevada (herein the "City"), and Kimley-Horn and Associates, Inc. (herein the "Consultant").

WHEREAS, the City and the Consultant have entered into an Agreement dated November 19, 2003, (herein the "Agreement"), retaining the services of the Consultant for the design of Bonneville/Clark One-way Couplet more fully described therein in connection with the improvements to be constructed at Bonneville Avenue and Clark Avenue from Main Street to Charleston Boulevard and,

WHEREAS, since entering into the Agreement, the City desires to modify the services of the Consultant to include additional design services not included in the original scope of the PROJECT and to reduce the overall limits of the PROJECT.

NOW, THEREFORE, in consideration of the above premises, the parties hereto agree that the following changes shall be made to the Agreement:

1. Add the number shown above in the header (100118-LD) to each page of the Agreement as the Agreement Number for this project.
2. All further design efforts will be limited to the reach from Main Street to Las Vegas Boulevard. Future plans prepared under this contract will be limited to this reach.
3. Delete the original Exhibit "A" Scope of Services and replace with the attached "Revised Exhibit A Scope of Services" for detail of additional design required.

4. See attached Exhibit "B" Additional Services of the Engineer for detail of possible additional tasks.
5. See attached Exhibit "C" Man-Hour Estimate for detail of additional man-hours required.
6. Exhibit "D" Fee Breakdown is hereby amended to increase the total compensation of the entire Agreement referenced herein by \$250,000, from \$1,625,000 to \$1,875,000.
7. Delete the original Exhibit "G" Disclosure of Ownership/Principals and replace with the attached "Revised" Exhibit "G" Disclosure of Ownership/Prinipals.
8. All other provisions of the Agreement remain in force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Amendment Number One to be executed the day and year first above written.

CITY OF LAS VEGAS

By: _____
Kathleen C. Rainey, Manager
Purchasing and Contracts
"CITY"

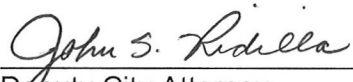
KIMLEY-HORN AND ASSOCIATES, INC.

By:  _____
Michael Colety, P.E.
"CONSULTANT"

ATTEST:

Beverly K. Bridges, MMC Date
City Clerk

APPROVED AS TO FORM:

 11/12/09

Deputy City Attorney Date

BONNEVILLE / CLARK ONE-WAY COUPLET

CONTRACT AMENDMENT

REVISED EXHIBIT "A"

SCOPE OF SERVICES

INTRODUCTION:

The Bonneville/Clark One-Way Couplet project will consist of roadway improvements to create an east-west one-way couplet with Bonneville Avenue and Clark Avenue in downtown Las Vegas. Specifically, it will:

- Convert Bonneville Avenue into an eastbound one-way road from 1st Street to Las Vegas Boulevard,
- Convert Clark Avenue into a westbound one-way road from Las Vegas Boulevard to 1st Street,
- Convert the alleyway between 1st street and Casino Center Boulevard into a southbound one-way road between Clark and Bonneville, and
- Widen Bonneville Avenue from Main Street to the alleyway between 1st and Casino Center to provide 2 lanes of traffic in each direction.

The project will include roadway, signing and marking, new traffic signal installations, traffic signal modifications, utility, streetlight, streetscape/landscape and irrigation improvements on Bonneville Avenue and Clark Avenue, and up to 100' on either side of Bonneville Avenue and Clark Avenue at side streets. Streetscape concepts shall follow the City of Las Vegas Downtown Centennial Plan where possible.

The following exhibit details the updated tasks associated with the Bonneville / Clark Couplet Project (B/C), including work associated with tasks from the original project design, rework required due to the extended period of time the project has been suspended, effort due to design changes to the original project, as well as new scope and effort recently added to the project.

Intersection improvements will include curb "bulb-outs" and new traffic signal or signal modifications. Drop inlets will be designed and/or modified at 4th Street and Las Vegas Boulevard to convey storm water from local low points to existing drainage facilities. NV Energy will be undergrounding their power facilities at alley crossings where overhead power lines cross either Bonneville Avenue or Clark Avenue. The trench and conduit locations for these facilities will be shown on the plans prepared for this project.

BASIC SERVICES

- **TASK NO. 1 – Project Management**

Effort associated with this task in original design reflected equivalent point in project schedule when design was put on hold. Project Management effort for both phases of the new project design are independent of work performed in the prior design. Effort for this task includes field visits, project administration, developing and continuously updating a project workplan and schedule, drafting monthly progress reports for the client, monthly progress meetings with the client (8 meetings), three (3) review meetings following submittals, and meeting minute preparation.

- **TASK NO. 2 – Utility Coordination**

The original utility coordination consisted of the following items:

1. Coordinate with NV Energy to identify the locations of underground conduit for the relocation of overhead power lines at a total of 6 locations across Bonneville and Clark Avenue.
2. Coordinate with NV Energy to identify points of connection for power service to lights and signals.

New effort associated with utility coordination for the B/C design will include getting updated information from utility companies, new utility information for areas affected by the new couplet alignment, coordination with NV Energy for relocation and/or undergrounding of facilities crossing Bonneville and Clark, and coordination with Forest City and RTC regarding other utility conflicts associated with utilities within the couplet.

The relocation of existing waterline, gas, telephone, cable, or other utilities, with the exception of NV energy, will not be included in this scope of work and would be an additional service.

- **TASK NO. 3 – Topographic Survey**

Due to changes in scope and changing conditions in the field since the original survey was performed in 2003 new survey effort will be required. Effort in this task for new design phase includes coordinating additional survey data with surveyor, creating exhibits, reviewing original aerial mapping and survey data, reviewing horizontal control plan, reviewing field topo, and reviewing new legals, topography and hard shots for the new alignment and design areas including the Main/Garces intersection and the new couplet alignment, record of survey (and associated expenses for these tasks to survey subconsultant).

New topographic survey expenses include the following items:

1. Additional survey shots required for the new alignment as well as locations in which improvements and/or new developments have been constructed in the last 5 years.
2. Modification to existing Horizontal Control Plans to accommodate new alignment.
3. Record of Survey will need to be created and added to the plan set per requirements of CLV Survey department.
4. An estimated thirty (30) legal descriptions will be required in total for Phase I of the project. These include parcels for the new connector alignment, required R/W takes along Bonneville between Main and Casino Center, and legals required for the postage stamp easements needed for streetlights along the couplet connector alignment.
5. Topographic survey hard shots for the proposed RTC traffic signal at Main Street/Garces.
6. Topographic survey shots for the proposed right turn lane at Las Vegas Boulevard and Clark Avenue intersection.
7. Topographic survey shots at all new pothole locations, 25 holes expected.
8. Miscellaneous field topography shots to be used as necessary to supplement new development cadd files.

• **TASK NO. 4 – Hydrologic and Hydraulic Analysis**

The effort and design associated with the drainage analysis in original design was completed to 80%. The proposed effort under the task for the analysis for Phase I includes the following:

- Reviewing original draft report, existing studies, and meeting with CLV Flood Control and Clark County Regional Flood Control District.
- Reanalyzing and updating the original draft report to accommodate new roadway alignment and design.
- Since the proposed storm drain will now only extend from Las Vegas Boulevard to Maryland Parkway and will be installed with Phase II construction sometime in the future an addendum will be prepared detailing the new analysis for roadway conditions without a storm drain present. The new analysis will include hydraulic and hydrologic analysis and cross sections along Bonneville and Clark between Main Street and Las Vegas Boulevard.

Effort shown in Phase I exhibit is for new analysis, cutting cross sections for existing and proposed conditions, and writing a report assuming a proposed storm drain will no longer be present.

- **TASK NO. 5 – 60% Roadway Design**

Due to new design required for the modified couplet connector alignment and additional scope of work added to the project the next submittal to the City will be 60% level, followed by a 90% (prefinal) and then 100% (final) submittal in lieu of the 70% and 100% submittals outlined in the original scope. 60% design construction documents will be submitted twelve (12) weeks from the time notice to proceed is given by the City.

Roadway design effort associated with the Phase I plans include not only completing the original design to 60% level but also having to design from conceptual level approximately 2/3 of the project area between Main St. and Las Vegas Boulevard due to horizontal alignment changes from the original project started in 2002 (couplet connector and new proposed Bonneville cross section), vertical alignment and grading changes (couplet connector grading as well as regrading due to storm drain inlets being added or modified at 4th Street and Las Vegas Boulevard), City of Las Vegas design standard changes for traffic signals, and new utility relocations due to new alignment (couplet connector).

Design included with Phase I will include:

- Roadway plan and profile sheets at 20 scale, including existing and proposed grades given along back of sidewalk, proposed curb and gutter, along proposed medians, and at driveways;
- Striping and marking design;
- Streetlight and interconnect design;
- Intersection grading with elevations given on a 10' grid pattern and along curb returns;
- Roadway demo design;
- Five (5) new traffic signal designs at the intersections of Main Street/Garces (RTC Signal, see Task 13 of this document), Bonneville/1st Street, Bonneville/3rd Street, Clark/3rd Street and Bonneville/RTC Bus Station entryway. Queue jumps will be utilized for the signals along Bonneville at 1st Street and the RTC bus station entryway and design will be coordinated with the RTC and City of Las Vegas.
- Seven (7) redesigns of existing signals at the intersections of Bonneville/Main, Bonneville/Casino Center, Bonneville/4th Street, Bonneville/Las Vegas Boulevard, Clark/Casino Center, Clark/4th Street, and Clark/Las Vegas Boulevard. Traffic signal improvements for the signals along Casino Center at Bonneville and Clark will be limited to modifying the pedestrian poles and signal heads to accommodate the new one-way directional streets; traffic signal improvements for the signals along Clark at 4th Street and Las Vegas Boulevard will be limited to modifying the signal heads to accommodate the new one-way traffic patterns.
- Estimated opinion of probable cost with costs detailed per funding agency;
- Consultant shall provide fifteen (15) 11x17 sets and three (3) 24x 36 sets of project plans.
- Consultant shall provide Supplemental Special Provisions, ten (10) sets.

- **TASK NO. 6 – 60% Landscape/Irrigation Design**

The landscape effort associated with the Phase I includes new designs to accommodate both the new couplet alignments, roadway cross sections, and the new City of Las Vegas landscape design standards and the updated vision for this corridor. 60% landscape / irrigation design tasks will consist of the following items:

1. Demolition plan showing the extent of existing landscaping that shall be removed/demolished to accommodate new landscaping and the extent of existing landscaping that shall remain.
2. Schematic streetscape design sheets indicating trees and tree pits and shrub placement. A plant palette will be developed representing the plant material proposed and will be in compliance with the CLV Downtown Centennial Plan. A hardscape layout will be provided to indicate locations of hardscape elements, such as planters, special concrete, brick pavers, and parking meter post locations.
3. Schematic irrigation design sheets showing locations of proposed main irrigation feeds, water meters, and irrigation controllers.
4. Application for water meters from LVVWD.

- **TASK NO. 7 – 90% Pre-Final Design**

This task and accompanying submittal is new to the project design schedule and will consist of the following items upon the reception of the City's 60% review comments:

- Prepare 90% design plans for review. Design plans shall be revised to incorporate 60% review comments from all entities. Additional plans or exhibits created for this task will include applicable detail sheets, and other miscellaneous sheets required to complete the design. Under this task, streetlight and interconnect plans, signing and marking plans, traffic signal plans and applicable details shall be prepared per standard.
- Consultant shall provide fifteen (15) 11x17 sets and three (3) 24x 36 sets of project plans.
- Consultant shall provide Supplemental Special Provisions, ten (10) sets.
- 90% design construction documents will be submitted seven (7) weeks after all 60% review comments from the City are received.

- **TASK NO. 8 – 90% Landscape/Irrigation Design**

This task and accompanying submittal is new to this project and will consist of the following items upon the reception of the City's 60% review comments:

- Prepare 90% design plans for review. Design plans shall be revised to incorporate 60% review comments from all entities. Additional plans or exhibits

created for this task will include applicable streetscape and irrigation detail sheets.

- **TASK NO. 9 –Final Design (100%)**

This task consists of the following items upon the reception of the City's 90% review comments:

- Prepare final design plans on mylar. Design plans shall be revised to incorporate the 90% review comments from all entities and will be submitted four (4) weeks after all City comments are received. KHA shall obtain final signatures on the mylar plan set from impacted utilities companies.
- The final plans with utility signatures will be submitted to the City. The City shall be responsible for obtaining internal approval and approval from the RTC.

- **TASK NO. 10 – Final Landscape/Irrigation Design (100%)**

This task consists of the following items upon the reception of the City's 90% review comments:

- Prepare 100% streetscape design plans on mylar. Design plans shall be revised to incorporate 90% review comments from all entities.

- **TASK NO. 11 – Bidding**

This task shall consist of the following items:

- Attending the Pre-bid meeting.
- Attending bid opening
- Addressing and answering contractor clarification requests and/or addendum to plans.

- **TASK NO. 12 – Construction Services**

This task shall consist of the following items:

- Attending weekly construction meetings (9 month construction duration assumed)
- Addressing construction submittals, RFIs, questions and coordination

- **TASK NO. 13 – Additional Roadway Engineering**

- Modify and redesign 100% plans to account for Forest City development modifications and changes.
- Modify and redesign 100% plans to account for FHWA/SHPO comments upon submittal of Environmental documents.

- **TASK NO. 14 – Main/Garces Traffic Signal (RTC)**

This task was not a part of the original project, and consists of the following items:

- Performing site visits to document existing field conditions, including existing striping, signage, and underground utilities.
- Completing 60% traffic signal design (submitted as part of the Task 5 deliverable).
- Completing 90% traffic signal design (submitted as part of the Task 7 deliverable).
- Completing Final traffic signal design (submitted as part of the Task 9 deliverable).
- Completing Striping/Marking/Signage Design for Main Street north and south of the Garces intersection.

- **TASK NO. 15 – Initial Environmental Support**

- Perform initial Historical Assessment Survey;
As part of City of Las Vegas' Initial Categorical Exclusion Submittal. Historical Assessment Survey will assess three properties in total, two of which are located directly within project limits, and the third adjacent to project limits. These include 510 South First St. and 526 South Casino Center within the project area. The Casino Center plot includes two buildings. The third property at 401 South Fourth Street is adjacent to the project area and is listed on the National Register of Historic Places. Survey effort, to be performed by a subconsultant, will entail photographing the fronts of each of the buildings, property records search, architectural analysis, and completion of Nevada State Historic Preservation Office (NV SHPO) architectural forms. The subconsultant will also provide eligibility recommendation for inclusion in the National Register and effects of the proposed project on these properties. This information will be provided in a letter report with accompanying maps. This report will meet NV SHPO and federal standards per Section 106 of the National Historic Preservation Act. Survey scope of work assumes the following information:

- 1) Only the three above properties will be included in the assessment;
- 2) The NV SHPO and Architectural Historians at the Nevada Department of Transportation (NDOT) agree with the City of Las Vegas assessment that only these three properties should be included in the required study;

- 3) The nearby Las Vegas High School National Register District is not required to be included in the architectural assessment but will be included in the effects assessment only;
- 4) The other several properties located south of the project that are eligible or currently listed are not included in this project.

If any of the following three agencies, NV SHPO, NDOT, or the City of Las Vegas requires further work or properties to be assessed, the subconsultant fee must be revised.

- Support, review and guidance effort to City of Las Vegas in regards to initial Categorical Exclusion submittal.

- **TASK NO. 16 – Utility Potholes**

Utility potholes will be required by SW Gas for their facilities located in the Phase I area of work. Other utility potholes may be required where proposed storm drain and landscaping is to be located (these are additions to the original scope of the project from 2002). Effort for this task shall include:

- Coordination with utility company;
- Creating pothole exhibits showing proposed locations. Locations to be approved by CLV prior to giving potholing company NTP;
- Locations of potholes and information to be included in plan/profile sheets.

- **TASK NO. 17 – Asbestos Survey**

An asbestos survey and certification will be required prior to demo of the existing buildings in the Phase I roadway alignment. Effort associated with this task shall include the following:

- Coordination with Asbestos Survey Subconsultant
- Two (2) meetings with subconsultant to discuss scope and project area
- Creating scope exhibits to be provided to subconsultant

Buildings to be surveyed and included in the certification process shall be reviewed and approved by the City prior to commencing with effort on these tasks.

- Deliverable: Pre-demolition asbestos survey reports for each of the affected buildings to be demo'ed.

EXHIBIT "B"

ADDITIONAL SERVICES OF THE ENGINEER

BONNEVILLE / CLARK ONE-WAY COUPLET

This exhibit includes some possible additional tasks. Tasks identified on this exhibit are not included in the basic services listed in Exhibit A. A fee estimate for these tasks will be prepared as requested by the CLV. Work for these services shall be authorized by a written change order to the original contract.

- Extended Environmental Support: beyond initial CLV support and submittal review for a Categorical Exclusion. This may include additional tasks deemed necessary by the City of Las Vegas, FHWA, or SHPO to complete the Categorical Exclusion or tasks needed for a full Environmental Assessment if required.
- Public Awareness including:
 - Preparation of exhibits for use in neighborhood meetings.
 - Attendance at additional public meetings to present the project and to discuss improvements with the meeting attendees.
- Utility rehabilitation, including sewer and storm drain facilities
- Geotechnical Update Letter and coordination
- Preparation of record drawings after construction
- Authorization to Enter Property (AEP); Consultant shall prepare AEP permits, any necessary legal descriptions, exhibits and obtain the necessary authorizations.
- Construction Phasing Plans
- Dewatering Plan
- Soil Solubility Test and coordination

EXHIBIT "C"									
MAN-HOUR ESTIMATE									
BONNEVILLE/CLARK									
TASK	DESCRIPTION	Kimley-Horn							KHA SUBTOTAL
		SE	SLA	PM	PE	EA/LA	CADD	CLER	
	BASIC SERVICES								
	PHASE 1								
TASK 1	PROJECT MANAGEMENT								
	Kick Off Meeting	0	3	3	3	3	3	0	15
	Field visits	0	8	16	14	12	8	0	58
	Project Administration	0	4	10	0	0	0	30	44
	Review and Update Schedule and Workplan	0	2	6	2	0	0	0	10
	Monthly Progress Report	0	0	8	0	0	0	8	16
	Progress/Misc. Meetings (external with client, 8 anticipated monthly meetings)	0	16	16	9	0	0	0	41
	Progress meeting minute preparation	0	0	8	0	0	0	4	12
	Review meetings (3 meetings)	0	0	12	12	12	0	0	36
	Review meetings minute preparation	0	0	6	0	6	0	0	12
	SUBTOTAL	0	33	85	40	33	11	42	244
TASK 2	UTILITY COORDINATION								
	Letters to utility companies to obtain current utility information	0	0	1	0	3	0	3	7
	backcheck and update existing utility basemaps with current information	0	0	3	0	2	18	0	23
	coordinate with utility companies (3 meetings)	0	0	12	12	0	0	3	27
	meeting minute preparation and distribution	0	0	5	0	0	0	3	8
	Nevada Power relocation coordination								
	coordination meetings with NP (2 meetings)	0	0	8	8	0	0	0	16
	meeting minutes preparation and distribution	0	0	4	0	0	0	0	4
	SUBTOTAL	0	0	33	20	5	18	9	85
TASK 3	TOPOGRAPHIC SURVEY								
	coordinate additional survey data with surveyor, create exhibits	0	0	2	0	6	3	0	11
	review aerial mapping	0	0	2	0	6	6	0	14
	review horizontal control plan	0	0	2	0	3	0	0	5
	review field topo	0	0	3	0	6	0	0	9
	new legals reflecting latest couplet connector alignment, coordinate w/ surveyor	2	0	3	0	4	0	0	9
	SUBTOTAL	2	0	12	0	25	9	0	48
TASK 4	HYDROLOGIC AND HYDRAULIC ANALYSIS								
	review existing studies, City comments, and calculations	0	0	2	8	8	0	0	18
	meet with CLV flood control	3	0	3	0	0	0	0	6
	review/update hydrologic analysis	0	0	1	7	9	0	0	17
	review/update hydraulic analysis	0	0	1	7	9	0	0	17
	review/update drop inlet analysis and wsgp analysis	0	0	3	7	9	0	0	19
	generate and submit updated calcs and x-sections for approval	0	0	0	6	9	0	0	15
	draft and submit addendum memo for approval	4	0	1	6	12	0	3	22
	QA/QC	4	0	0	0	0	0	1	5
	respond to comments	0	0	1	6	6	0	2	15
	SUBTOTAL	7	0	12	47	62	0	6	134
TASK 5	60% DESIGN								
	Modify Roadway Drawings for 30 Scale	0	0	2	0	6	15	0	23
	Coordinate/update design with new/planned developments (2 meetings)	3	6	6	0	6	0	0	21
	Create Intersection Grading Sheets	0	0	4	0	4	6	0	14
	Update General Notes Sheet, Vicinity Map, Cover Sheet	0	0	2	0	6	0	0	8
	Horizontal and vertical design								
	review and update utility basemap sheet	0	0	2	0	8	0	0	10
	redesign demo limit design, update sheets	0	0	3	0	6	12	0	21
	field verification of demo limits	0	0	4	0	4	0	0	8
	run autotum for RTC buses, trucks, modify existing 15% couplet design	1	0	2	0	15	10	0	28
	redesign horizontal alignment, update/annotate/draft sheets	0	0	12	0	45	45	0	102
	redesign vertical alignment and grading (w/o storm inlets), update/annotate/draft sheets	2	0	27	0	60	50	0	139
	redesign/draft cross sections	0	0	3	0	4	8	0	15
	QA/QC roadway plans	3	0	6	0	0	0	0	9
	Utility Conflict								
	conflict identification	0	0	2	0	1	0	0	3
	conflict resolution	1	0	3	0	5	5	0	14
	Overhead utility relocation design								
	determine extent of required relocations	2	0	3	2	0	0	0	7
	conduit alignment design	2	0	5	5	0	20	0	32
	QA/QC utility relocation plans	0	0	3	3	0	0	0	6
	Signing and marking design								
	update existing signing and marking survey	0	0	3	0	5	0	0	8
	redesign signing and marking for new alignment	1	0	6	0	10	0	0	17
	update SM sheets	0	0	3	0	15	20	0	38
	QA/QC signing and marking plans	0	0	4	3	0	0	0	7
	Traffic Signal design								
	60% Design for Bonneville Ave. / 1st St. Design (new signal)	1	0	3	24	24	0	0	52
	60% Design for Bonneville Ave. / RTC Terminal Access Design (new signal)	1	0	3	24	24	0	0	52
	incorporate new CLV standards into original 50% TS Designs	2	0	2	30	30	0	0	64
	finish all signal designs to 60% level	0	0	2	45	40	0	0	87
	QA/QC Designs	4	0	6	0	0	0	0	10
	Street light and interconnect design								
	revise street light and interconnect basemap for new alignment	1	0	4	15	0	10	0	30
	existing street light survey for 1st St.	0	0	0	6	0	6	0	12
	update streetlighting sheets	0	0	2	3	0	15	0	20
	QA/QC street light and interconnect plans	0	0	2	3	0	0	0	5
	Storm Drain design								
	60% design for inlet and storm drain design at Las Vegas Blvd/Bonneville	1	0	3	5	0	0	0	9
	60% design for inlet and storm drain design at Clark/Maryland Pkwy.	1	0	3	5	0	0	0	9
	annotate new SD sheet	0	0	2	0	10	0	0	12
	create detail sheet, draft details	0	0	2	0	6	0	0	8
	Create profile Sheet of laterals, annotate	0	0	1	1	5	0	0	7
	QA/QC	1	0	1	0	0	0	0	2
	Quantities								
	prepare construction quantities	0	0	3	0	12	4	0	19
	prepare opinion of probable cost	0	0	3	0	3	0	0	6

EXHIBIT "C"									
MAN-HOUR ESTIMATE									
BONNEVILLE/CLARK									
TASK	DESCRIPTION	Kimley-Horn							KHA SUBTOTAL
		SE	SLA	PM	PE	EA/LA	CADD	CLER	
	QA/QC quantities	1	0	2	0	0	0	0	3
	Special Provisions								
	prepare specs to 60% level / current CLV standards	0	0	25	0	0	0	6	31
	coordinate with CLV	0	0	3	0	0	0	0	3
	QA/QC specs	5	0	0	0	0	0	0	5
	Print plans	0	0	0	0	0	8	5	13
	Submit plans to CLV and utilities	0	0	0	0	0	2	2	4
	SUBTOTAL	33	6	177	174	354	236	13	993
TASK 6	60% LANDSCAPE / IRRIGATION DESIGN								
	Review for compliance with Downtown Centennial Plan	0	4	0	0	2	0	0	6
	Landscape and Irrigation Design								
	Revise Landscape demo plans	1	5	2	0	15	0	0	23
	Revise Schematic landscape plans for new alignment	1	25	2	0	30	0	0	58
	Revise Irrigation mainline plans for new alignment	1	15	2	0	30	0	0	48
	QA/QC streetscape plans	3	6	0	0	0	0	0	9
	Specifications	0	10	0	0	0	0	0	10
	Update Quantities	0	3	1	0	6	0	0	10
	SUBTOTAL	6	68	7	0	83	0	0	164
TASK 7	90% PRE-FINAL DESIGN								
	Horizontal and vertical design								
	address 60% CLV comments	0	0	5	0	8	15	0	28
	90% demo limit design	1	0	3	0	0	4	0	8
	90% horizontal alignment design	1	0	18	0	36	40	0	95
	90% vertical alignment design	2	0	27	0	40	40	0	109
	field verification of horizontal design	0	0	3	0	3	0	0	6
	update typical sections	0	0	2	0	6	6	0	14
	QA/QC roadway plans	4	0	6	0	0	0	0	10
	Utility Conflict								
	address agency/utility redlines	2	0	5	10	5	20	0	42
	Overhead Utility relocation design								
	update conduit alignment design	1	0	3	0	5	5	0	14
	QA/QC powerline relocation plans	0	0	1	0	0	0	0	1
	Signing and marking design								
	address 60% CLV comments	0	0	3	0	2	7	0	12
	90% signing and marking design	1	0	4	2	0	9	0	16
	QA/QC signing and marking plans	1	0	3	0	0	0	0	4
	Traffic Signal design								
	address 60% CLV comments	0	0	6	18	20	0	0	44
	90% Design for all Signals (8 Intersections total)	5	0	6	56	56	0	0	123
	QA/QC traffic signal plans	3	0	5	0	0	0	0	8
	Street light and interconnect design								
	update street light design	0	0	2	20	10	8	0	40
	update interconnect design	0	0	2	20	0	6	0	28
	QA/QC street light and interconnect plans	2	0	2	5	0	0	0	9
	Storm Drain design								
	respond to comments	0	0	1	1	2	0	0	4
	90% Storm Drain design	0	0	1	1	4	0	0	6
	QA/QC	1	0	1	0	0	0	0	2
	90% Design Changes								
	New Striping and Marking design and annotation along Bonneville/Clark Avenue	1	0	4	0	4	6		15
	New Bonneville curb alignment; grading/plan-profile/landscape redesign (4th to LV)	1	4	4	0	10	8		27
	New Bonneville curb alignment; grading/plan-profile (Main to 1st)	4	0	4	10	10	10		38
	3rd St/Bonneville Traffic Signal (Includes field visits, 90% design and annotation)	3	0	4	8	20	20		55
	QA/QC	3	2	6	6	0	0		17
	Quantities								
	update construction quantities	0	0	5	2	8	5	0	20
	update opinion of probable cost	0	0	2	2	0	0	0	4
	QA/QC quantities	0	0	2	0	0	0	0	2
	Special Provisions								
	update specs	1	0	10	8	0	0	0	19
	QA/QC specs	2	0	0	5	0	0	3	10
	Print plans	0	0	0	0	0	7	3	10
	Submit plans to CLV and utilities	0	0	0	0	0	0	3	3
	SUBTOTAL	39	6	150	174	249	216	9	843
TASK 8	90% LANDSCAPE / IRRIGATION DESIGN								
	address 60% CLV comments	0	6	1	0	12	0	0	19
	90% Irrigation Design	0	8	1	0	14	4	0	27
	90% Landscape Design	0	18	1	0	18	4	0	41
	Update specifications	0	5	0	0	3	0	3	11
	QC/QA Streetscape plans	3	5	0	0	0	0	0	8
	SUBTOTAL	3	42	3	0	47	8	3	106
TASK 9	FINAL DESIGN (100%)								
	Horizontal and vertical design								
	address 90% CLV comments	1	0	5	0	8	16	0	30
	100% demo limit design	0	0	2	0	4	4	0	10
	100% horizontal alignment design	1	0	12	0	20	24	0	57
	100% vertical alignment design	1	0	12	0	24	27	0	64
	update typical sections	0	0	2	0	3	3	0	8
	QA/QC roadway plans	3	0	5	0	0	0	0	8
	Overhead Utility relocation design								
	update conduit alignment design	1	0	3	0	5	0	0	9
	QA/QC powerline relocation plans	1	0	1	0	0	0	0	2
	Signing and marking design								
	address 90% CLV comments	0	0	2	0	0	6	0	8
	100% signing and marking design	0	0	4	2	8	4	0	18
	QA/QC signing and marking plans	2	0	4	0	0	0	0	6
	Traffic Signal design								
	address 90% CLV comments	0	0	1	16	18	0	0	35
	100% traffic signal design	0	0	4	45	55	0	0	104
	QA/QC traffic signal plans	3	0	1	5	0	0	0	9

EXHIBIT "C"									
MAN-HOUR ESTIMATE									
BONNEVILLE/CLARK									
TASK	DESCRIPTION	Kimley-Horn							KHA SUBTOTAL
		SE	SLA	PM	PE	EA/LA	CADD	CLER	
	Street light and interconnect design								
	address 90% CLV comments	0	0	1	3	6	0	0	10
	100% street light design	0	0	2	7	0	6	0	15
	100% interconnect design	0	0	2	5	0	6	0	13
	QA/QC street light and interconnect plans	0	0	2	3	0	0	0	5
	Storm Drain design								
	respond to comments	0	0	1	1	1	0	0	3
	100% Storm Drain design	0	0	1	1	2	0	0	4
	QA/QC	1	0	1	0	0	0	0	2
	Quantities								
	update construction quantities	0	0	2	2	8	6	0	18
	update opinion of probable cost	0	0	1	1	0	0	0	2
	QA/QC quantities	2	0	2	0	0	0	0	4
	Special Provisions								
	update specs	1	0	8	6	0	0	0	15
	QA/QC specs	2	0	4	3	0	0	0	9
	Construction Phasing Plan								
	Phasing plan, drafting and exhibit	0	0	3	0	0	7	0	10
	QA/QC phasing plan	1	0	0	1	0	0	0	2
	Print final mylars	0	0	0	0	0	8	4	12
	Seal plans	0	0	3	0	0	0	0	3
	Submit mylars to CLV	0	0	0	0	0	0	2	2
	SUBTOTAL	20	0	91	101	162	117	6	497
TASK 10	FINAL LANDSCAPE/IRRIGATION DESIGN (100%)								
	address 90% CLV comments	0	5	1	0	8	0	0	14
	100% Irrigation Design	0	4	1	0	6	0	0	11
	100% Landscape Design	0	6	1	0	12	5	0	24
	Specifications	0	4	0	0	4	0	0	8
	QA/QC Landscape, irrigation, hardscape, and lighting plans	3	4	0	0	0	0	0	7
	Print final mylars	0	0	0	0	3	0	0	3
	Seal Plans	0	1	0	0	0	0	0	1
	SUBTOTAL	3	24	3	0	33	5	0	68
TASK 11	BIDDING								
	attend pre-bid meeting	0	3	3	0	0	0	0	6
	attend bid opening	0	3	3	0	0	0	0	6
	address/answer contractor clarifications	0	2	6	2	0	3	0	13
	SUBTOTAL	0	8	12	2	0	3	0	25
TASK 12	CONSTRUCTION SERVICES								
	attend weekly construction meetings (assume 9 month duration)	0	9	60	9	9	0	0	87
	address construction submittals, rfis, contractor questions, coordination	6	6	40	10	10	10	6	88
	SUBTOTAL	6	15	100	19	19	10	6	175
TASK 13	ADDITIONAL ROADWAY ENGINEERING								
	Roadway redesign due to Forest City modifications	2	3	15	5	20	20	3	68
	Roadway redesign due to Environmental comments	2	2	16	4	20	20	3	67
	SUBTOTAL	4	5	31	9	40	40	6	135
TASK 14	MAIN / GARGES TRAFFIC SIGNAL (RTC)								
	Field visits and investigation	0	0	2	6	6	0	0	14
	Traffic Signal Design 80% (includes QA/QC)	0	0	2	30	24	4	4	64
	Intersection Striping and marking Design (includes QA/QC)	1	0	2	2	4	4	0	13
	Traffic Signal/Striping and Marking Design 90% (includes QA/QC, resp. to comments)	1	0	3	12	12	5	2	35
	Traffic Signal Design Final (includes QA/QC, responding to comments)	1	0	3	6	6	4	2	22
	SUBTOTAL	3	0	12	56	52	17	8	148
TASK 15	INITIAL ENVIRONMENTAL SUPPORT								
	Initial Support and review of CLV CE submittal			2	60			2	64
	Historical Assessment Survey and Coordination			2	5				7
	SUBTOTAL	0	0	4	65	0	0	2	71
TASK 16	UTILITY POTHOLES								
	Coordination with potholing company			2				2	4
	Create Pothole exhibits for distribution to TBE and CLV			1		2			3
	Show pothole information on roadway plan sheets			1		6			7
	SUBTOTAL	0	0	4	0	8	0	2	14
TASK 17	ASBESTOS SURVEY								
	Coordination with survey company			3				3	6
	Create demo exhibits for surveyor			1		2			3
	SUBTOTAL	0	0	4	0	2	0	3	9
	END OF CITY OF LAS VEGAS BASIC SERVICES								
AS	UNAUTHORIZED ADDITIONAL SERVICES	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
	GRAND TOTAL	126	207	740	707	1,174	690	115	3,759

PHASE 1 - Main St. to Las Vegas Blvd.

PHASE 1 - Main St. to Las Vegas Blvd.		SE	SLA	PM	PE	EA/LA	CADD	CLER	KHA	KHA	KHA	SUB-	TOTAL	ORIGINAL	AMENDMENT
TASK	TASK NAME	\$190	\$165	\$180	\$160	\$125	\$105	\$70	ESTIMATED FEE	EST. EXP.	ESTIMATED TOTAL	CONSULTANT FEE	FEE	CONTRACT (JAN-08)	CONTRACT (OCT-09)
1	PROJECT MANAGEMENT	\$0	\$5,445	\$15,300	\$6,400	\$4,125	\$1,155	\$2,940	\$35,365	\$0	\$35,365		\$35,365	\$35,365	\$0
2	UTILITY COORDINATION	\$0	\$0	\$5,840	\$3,200	\$625	\$1,090	\$630	\$12,285	\$0	\$12,285		\$12,285	\$12,285	\$0
3	TOPOGRAPHIC SURVEY	\$380	\$0	\$2,160	\$0	\$3,125	\$945	\$0	\$6,610	\$0	\$6,610	\$31,000	\$37,610	\$27,931	\$9,679
4	HYDROLOGIC AND HYDRAULIC ANALYSIS	\$1,330	\$0	\$2,160	\$7,520	\$7,750	\$0	\$420	\$19,180	\$0	\$19,180		\$19,180	\$19,180	\$0
5	60% DESIGN PHASE I	\$6,270	\$990	\$31,860	\$27,840	\$44,250	\$24,780	\$910	\$136,900	\$0	\$136,900		\$136,900	\$136,900	\$0
6	60% DESIGN PHASE I INTERIM	\$3,230	\$0	\$14,040	\$8,320	\$20,250	\$11,550	\$280	\$57,670	\$0	\$57,670		\$57,670	\$57,670	\$0
7	60% LANDSCAPE/IRRIGATION DESIGN PHASE I	\$1,140	\$11,220	\$1,260	\$0	\$10,375	\$0	\$0	\$23,995	\$0	\$23,995		\$23,995	\$23,995	\$0
8	90% PREFINAL DESIGN	\$7,410	\$990	\$27,000	\$27,840	\$31,125	\$22,680	\$630	\$117,675	\$0	\$117,675		\$117,675	\$117,675	\$21,190
9	90% LANDSCAPE/IRRIGATION DESIGN PHASE I	\$570	\$6,930	\$540	\$0	\$5,875	\$840	\$210	\$14,965	\$0	\$14,965		\$14,965	\$14,965	\$0
10	FINAL DESIGN (100%) PHASE I	\$3,800	\$0	\$16,380	\$16,160	\$20,250	\$12,285	\$420	\$69,295	\$0	\$69,295	2500	\$71,795	\$6855	\$4,940
11	FINAL LANDSCAPE/IRRIGATION DESIGN PHASE I	\$570	\$3,960	\$540	\$0	\$4,125	\$525	\$0	\$9,720	\$0	\$9,720		\$9,720	\$7,868	\$1,850
12	BIDDING	\$0	\$1,320	\$2,160	\$320	\$0	\$315	\$0	\$4,115	\$0	\$4,115		\$4,115	\$0	\$4,115
13	CONSTRUCTION SERVICES	\$1,140	\$2,475	\$18,000	\$3,040	\$2,375	\$1,050	\$420	\$28,500	\$0	\$28,500		\$28,500	\$0	\$28,500
	ADDITIONAL ROADWAY ENGINEERING	\$760	\$825	\$5,580	\$1,440	\$5,000	\$4,200	\$420	\$18,225	\$0	\$18,225		\$18,225	\$0	\$18,225
14	MAIN / GARCES TRAFFIC SIGNAL (RTC)	\$570	\$0	\$2,160	\$8,960	\$6,500	\$1,785	\$560	\$20,535	\$0	\$20,535	\$4,000	\$24,535	\$24,535	\$0
15	INITIAL ENVIRONMENTAL SUPPORT	\$0	\$0	\$720	\$10,400	\$0	\$0	\$140	\$11,260	\$0	\$11,260	\$9,700	\$20,960	\$0	\$20,960
ORIGINAL CONTRACT SUBTOTAL													\$45,495	\$524,034	
OTHER EXPENSES															
16	UTILITY POTHOLES	\$0	\$0	\$720	\$0	\$1,000	\$0	\$140	\$1,960	\$0	\$1,960	\$23,000	\$24,860	0	\$24,860
17	ASBESTOS SURVEY AND CERTIFICATION	\$0	\$0	\$720	\$0	\$250	\$0	\$210	\$1,180	\$1	\$1,181	\$27,000	\$28,181	0	\$28,181
AMENDMENT BASIC SERVICE SUBTOTAL														\$162,500	
AS	UNAUTHORIZED ADDITIONAL SERVICES	TBD	TBD	TBD	TBD	TBD	TBD	TBD	\$87,500	\$0	\$87,500	\$0	\$87,500	\$0	\$87,500
AMENDMENT TOTAL														\$250,000	

CERTIFICATE DISCLOSURE OF OWNERSHIP/PRINCIPALS

1. Definitions

"City" means the City of Las Vegas.

"City Council" means the governing body of the City of Las Vegas.

"Contracting Entity," means the individual, partnership, or corporation seeking to enter into a contract or agreement with the City of Las Vegas.

"Principal" means, for each type of business organization, the following: (a) sole proprietorship – the owner of the business; (b) corporation – the directors and officers of the corporation; but not any branch managers of offices which are a part of the corporation; (c) partnership – the general partner and limited partners; (d) limited liability company – the managing member as well as all the other members; (e) trust – the trustee and beneficiaries.

2. Policy

In accordance with Resolution 79-99 and 105-99 adopted by the City Council, Contracting Entities seeking to enter into certain contracts or agreements with the City of Las Vegas must disclose information regarding ownership interests and principals. Such disclosure generally is required in conjunction with a Request for Proposals (RFP). In other cases, such disclosure must be made prior to the execution of a contract or agreement.

3. Instructions

The disclosure required by the Resolutions referenced above shall be made through the completion and execution of this Certificate. The Contracting Entity shall complete Block 1, Block 2, and Block 3. The Contracting entity shall complete either Block 4 or its alternate in Block 5. Specific information, which must be provided, is highlighted. An Officer or other official authorized to contractually bind the Contracting Entity shall sign and date the Certificate, and such signing shall be notarized.

4. Incorporation

This Certificate shall be incorporated into the resulting contract or agreement, if any, between the City and the Contracting entity. Upon execution of such contract or agreement, the Contracting Entity is under a continuing obligation to notify the City in writing of any material changes to the information in this Certificate. This notification shall be made within fifteen (15) days of the change. Failure to notify the City of any material change may result, at the option of the City, in a default termination (in whole or in part) of the contract or agreement, and/or a withholding of payments due the Contracting Entity.

Block 1 <u>Contracting Entity</u>
Name: Kimley-Horn and Associates, Inc.
Address: 2080 East Flamingo Road, Suite 210, Las Vegas, NV 89119
EIN or DUNS: 56-0885615

Block 2 <u>Description</u>
Bonneville/Clark One-Way Couplet: Main Street to Las Vegas Boulevard
Contract Amendment
<u>Contract No.</u>

Block 3	<u>Type of Business</u>
☐ Individual ☐ Partnership ☐ Limited Liability Company ☒ Corporation ☐ Trust ☐ Other:	

CERTIFICATE – DISCLOSURE OF OWNERSHIP/PRINCIPALS (CONTINUED)

Block 4 Disclosure of Ownership and Principals

In the space below, the Contracting Entity must disclose all principals (including partners) of the Contracting Entity, as well as persons or entities holding more than one-percent (1%) ownership interest in the Contracting Entity.

	FULL NAME/TITLE	BUSINESS ADDRESS	BUSINESS PHONE
1.	Associates Group Services, Inc.	3001 Weston Parkway Cary, NC 27513	919-677-2000
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

The Contracting Entity shall continue the above list on a sheet of paper entitled "disclosure of Principals – Continuation" until full and complete disclosure is made. If continuation sheets are attached, please indicate the number of sheets: ____.

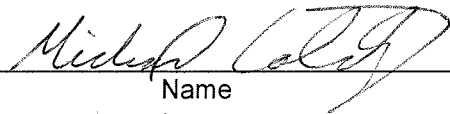
Block 5 DISCLOSURE OF OWNERSHIP AND PRINCIPALS – ALTERNATE

If the Contracting Entity, or its principals or partners, are required to provide disclosure (of persons or entities holding an ownership interest) under federal law (such as disclosure required by the Securities and Exchange Commission or the Employee Retirement Income Act), a copy of such disclosure may be attached to this Certificate in lieu of providing the information set forth in Block 4 above. A description of such disclosure documents must be included below.

Name of Attached Document: _____

Date of Attached Document: _____ Number of Pages: _____

I certify under penalty of perjury, that all the information provided in this Certificate is current, complete and accurate. I further certify that I am an individual authorized to contractually bind the above named Contracting Entity

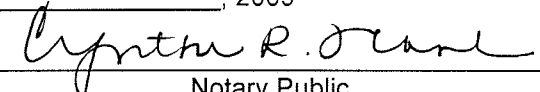


 Name
 10/13/09

 Date

Subscribed and sworn to before me this 13th day of

October, 2009



 Notary Public