

Arizona Department of Transportation
Engineering Consultants Section
205 S. 17th Avenue, Mail Drop 616E
Phoenix, Arizona 85007

Submitted via email to ECSSOQ@azdot.gov

RE: ECS Contract Number: 2024-016

Dear Selection Committee Members:

ADOT has been diligently working to improve the state's highways and interstates. By partnering with the **Michael Baker International, Inc.** (Michael Baker) team, the Survey Group will achieve safer conditions and client-focused solutions tailored to the unique challenges of each ADOT District. As one of the few firms to provide Right of Way (R/W) Surveys, R/W Plans, and Monumentation Surveys services for ADOT across the state, we will leverage our hands-on experience, resulting in local expertise for more effective project planning and a faster response to challenges, while mitigating risk. Michael Baker is interested in being selected for this contract.

ON-CALL RIGHT OF WAY SURVEYS, RIGHT OF WAY PLANS & MONUMENTATION SURVEYS

STATEWIDE LOCATIONS | ECS CONTRACT NUMBER: 2024-016
ADOT PROJECT NUMBER: VARIOUS

MARCH 29, 2024

Michael Baker is immediately available to provide the following services:

- R/W Field Surveys
- Boundary & Monumentation Surveys
- Preparation of Results of Surveying Drawing
- R/W Plans
- R/W Monumentation Plans & Supplemental Surveys

OUR TEAM OFFERS ADOT THE FOLLOWING:

- 1 No Learning Curve. We Know ADOT Survey.** Our team of professionals has completed 150+ ADOT On-Call R/W Survey tasks across the state in the past 10 years.
- 2 On Time Project Schedule.** The Michael Baker team offers a commitment to keeping projects on schedule on both typical and newer Design-Build (D-B) projects through our proactive management, resulting in updates that are accurate and realistic. Our committed, qualified team sets the stage early, taking measures to mitigate any disruptions that might affect project timelines.
- 3 Partner Committed to Communication through Proven Coordination.** ADOT will continue to receive unmatched dedication to this contract through our focus on coordination and communication in the entirety of the contract, ranging from our deep knowledge of stakeholders, to our permitting process that won't cause delays, to our detailed document control that results in effective communication for both the design and construction. As a result, ADOT can count on streamlined project progression, minimized disruptions, and project success.

Michael Baker looks forward to the opportunity to continue serving ADOT. Our team is well qualified to provide the services necessary and is eager to help the R/W Group achieve its goals. Michael Baker is not a disadvantaged business enterprise. We anticipate performing all services in-house.

WE ARE READY AND AVAILABLE TO SERVE YOU

Please contact me at 602-723-3887 or tony.cabrera@mbakerintl.com for additional information or to schedule an interview.

Sincerely,

MICHAEL BAKER INTERNATIONAL, INC.



Tony Cabrera, PE AZ#40208
Authorized Signer
tony.cabrera@mbakerintl.com
602-723-3887



Scott Nelson, RLS AZ#21782
Project Manager, Director of Survey/Mapping
Scott.nelson@mbakerintl.com
602-308-1327

**Engineering Consultants Section
SOQ Proposal Certifications Form**

Contract #: **2024-016**

Consultant Name: **Michael Baker International, Inc.**

Please read the fifteen (15) statements below. The statements are to ensure Consultants are aware and in agreement with Federal, State and ECS guidelines related to the award of this contract. Consultants shall submit the specific Certification form attached to each RFQ advertised, as revisions to the form may occur from time to time. Failure to sign and submit the certification form specified in the RFQ with the SOQ proposal will result in the SOQ proposal being rejected.

Submission of the SOQ by the Consultant certifies that to the best of its knowledge:

1.	The Consultant and its subconsultants have not engaged in collusion with respect to the contract under consideration.
2.	The Consultant, its principals and subconsultants have not been suspended or debarred from doing business with any government entity.
3.	The Consultant shall have the proper Arizona license(s) and registration(s) for services to be performed under this contract. Furthermore, the Consultant shall ensure that all subconsultants have the proper Arizona license(s) and registration(s) for services to be performed under this contract.
4.	The Consultant's signature on any SOQ proposal, negotiation document or contract constitutes that a responsible officer of the Consultant has read and understands its contents and is empowered any duly authorized on behalf of the Consultant to do so.
5.	The Consultant's Project Team members are employed by the Consultant on the date of submittal.
6.	All information and statements written in the proposal are true and accurate and that ADOT reserves the right to investigate, as deemed appropriate, to verify information contained in proposals.
7.	Key members of the Project Team, including subconsultants, are currently licensed to provide the required services as requested in the RFQ package.
8.	All members of the Project Team who are former ADOT employees did not have or provide information that gives the Consultant a competitive advantage; and either (1) concluded their employment with ADOT at least 12 months before the date of the SOQ or (2) have not made any material decisions about this project while employed by ADOT.
9.	Work, equating at least 51% of the contract value, shall be completed by the Consultant unless otherwise specified in the SOQ or contract.
10.	No Federally appropriated funds have been paid or shall be paid, by or on behalf of the Consultant for the purpose of lobbying.
11.	The Consultant understands that it is required to have a compliant accounting system, in accordance with Generally Accepted Accounting Principles (GAAP), Federal Acquisition Regulation (FAR) of Title 48, Code of Federal Regulations (CFR)-Part 31, applicable Cost Accounting Standards (CAS), and ADOT Advance Agreement Guideline.
12.	If project is funded with Federal Aid funds, the Consultant affirmatively ensures that in any subcontract entered into pursuant to this advertisement, Disadvantaged Business Enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations.
13.	The Consultant shall utilize all Project Team members, subconsultants and DBE firms, if applicable, submitted in the SOQ, and shall not add other Project Team members or subconsultants, unless the Consultant has received prior written approval from ADOT.
14.	The Consultant shall either meet its DBE goal commitment and any other DBE commitments or make Good Faith Efforts to meet the DBE goal commitments as stated in its SOQ proposal or Cost Proposal and shall report on a timely basis its DBE utilization as detailed in the contract.
15.	If selected, the Consultant is committed to satisfactorily carry out the Consultant's commitments as detailed in the contract and its SOQ proposal.

I hereby certify that I have read and agree to adhere to the fifteen (15) statements above and/or that the statements are true to the best of my knowledge as a condition of award of this contract.

Print Name: **Tony Cabrera, PE**

Title: **Principal**

Signature: 

Date: **March 29, 2024**

Revised 2/11/2022

**ARIZONA DEPARTMENT OF TRANSPORTATION
ENGINEERING CONSULTANTS SECTION
PARTICIPATION IN BOYCOTT OF ISRAEL - CONSULTANT CERTIFICATION FORM
ADOT ECS Contract No.: 2024-016**

This Certification is required in response to legislation enacted to prohibit the State from contracting with companies currently engaged in a boycott of Israel. To ensure compliance with A.R.S. §35-393, this form must be completed and returned with any response to a solicitation (SOQ), Contract Cost Proposals, and Contract Time Extensions. The Consultant understands that this response will become public record and may be subject to public inspection.

Please note that if any of the following apply to this Solicitation, Contract, or Contractor, then the Offeror shall select the "Exempt Solicitation, Contract, or Contractor" option below:

- The Solicitation or Contract has an estimated value of less than \$100,000;
- Contractor is a sole proprietorship;
- Contractor has fewer than ten (10) employees; OR
- Contractor is a non-profit organization.

Pursuant to A.R.S. §35-393.01, public entities are prohibited from entering into contracts "unless the contract includes a written certification that the company is not currently engaged in, and agrees for the duration of the contract to not engage in, a boycott of goods or services from Israel."

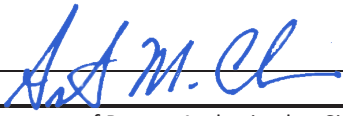
Under A.R.S. §35-393:

1. "Boycott" means engaging in a refusal to deal, terminating business activities or performing other actions that are intended to limit commercial relations with entities doing business in Israel or in territories controlled by Israel, if those actions are taken either:
 - (a) Based in part on the fact that the entity does business in Israel or in territories controlled by Israel.
 - (b) In a manner that discriminates on the basis of nationality, national origin or religion and that is not based on a valid business reason.
2. "Company" means an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company or other entity or business association, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate, that engages in for-profit activity and that has ten or more full-time employees.
...
5. "Public entity" means this State, a political subdivision of this State or an agency, board, commission or department of this State or a political subdivision of this State.

The certification below does not include boycotts prohibited by 50 United States Code Section 4842 or a regulation issued pursuant to that section. See A.R.S. §35-393.03.

In compliance with A.R.S. §§35-393 *et seq.*, all offerors must select one of the following:

- ☒ The Company submitting this Offer does not participate in, and agrees not to participate in during the term of the contract, a boycott of Israel in accordance with A.R.S. §§35-393 *et seq.* I understand that my entire response will become public record in accordance with A.A.C. R2-7-C317.
- ☐ The Company submitting this Offer does participate in a boycott of Israel as described in A.R.S. §§35-393 *et seq.*
- ☐ **Exempt Solicitation, Contract, or Contractor.**
Indicate which of the following statements applies to this Contract:
☐ Solicitation or Contract has an estimated value of less than \$100,000;
☐ Contractor is a sole proprietorship;
☐ Contractor has fewer than ten (10) employees; and/or
☐ Contractor is a non-profit organization.

Michael Baker International, Inc.	
Company Name	Signature of Person Authorized to Sign
2929 N. Central Avenue, Suite 800	Tony Cabrera, PE
Address	Printed Name
Phoenix, AZ 85012	Principal March 28, 2024
City State Zip	Title Date

Participation in Boycott of Israel – Consultant Certification
Form Revised - 4/28/2020

FORCED LABOR OF ETHNIC UYGHURS BAN Certification Form

Forced Labor of Ethnic Uyghurs Ban

Please note that if any of the following apply to the Consultant, then the Offeror shall select the "Exempt Consultant" option below:

- Consultant is a sole proprietorship;
- Consultant has fewer than ten (10) employees; OR
- Consultant is a non-profit organization.

Pursuant to A.R.S. § 35-394, the State of Arizona prohibits a public entity from entering into or renewing a contract with a company unless the contract includes written certification that the company does not use the forced labor, or any goods or services produced by the forced labor, or use any consultants, subconsultants, or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.

Under A.R.S. §35-394:

1. "Company" means an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company or other entity or business association, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate, that engages in for-profit activity and that has ten or more full-time employees.
 - (a) Based in part on the fact that the entity does business in Israel or in territories controlled by Israel.
 - (b) In a manner that discriminates on the basis of nationality, national origin or religion and that is not based on a valid business reason.
2. "Public entity" means this State, a political subdivision of this State or an agency, board, commission or department of this State or a political subdivision of this State.

In compliance with A.R.S. §§ 35-394 et seq., all offerors must select **one** of the following:

☒	The Company submitting this Offer does not use, and agrees not to use during the term of the contract, any of the following: • Forced labor of ethnic Uyghurs in the People's Republic of China; • Any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or • Any Consultants, Subconsultants, or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.
☐	The Company submitting this Offer does participate in use of Forced Uyghurs Labor as described in A.R.S. § 35-394.
☐	Exempt Consultant. Indicate which of the following statements applies to this Consultant (may be more than one): ☐ Consultant is a sole proprietorship; ☐ Consultant has fewer than ten (10) employees; and/or ☐ Consultant is a non-profit organization.

Michael Baker International, Inc.

Company Name

2929 N. Central Avenue, Suite 800

Address

Phoenix,

City

AZ

State

85012

Zip

Signature of Person Authorized to Sign

Tony Cabrera, PE

Printed Name

Principal

Title

PART C – Evaluation Criteria

1. PROJECT UNDERSTANDING & APPROACH

ADOT Survey Group will continue to benefit from Michael Baker's survey leaders who leverage their familiarity with ADOT staff, policies, and procedures, to ensure that critical schedules are met for the acquisition or modification of ADOT R/W projects across the state.

a) Discussion of Tasks Involved in the Contract

Michael Baker International, Inc. (Michael Baker) understands the On-Call services as described in ECS Contract Number: 2024-016. ADOT has various projects at different locations across the state which may result in acquisition or modification of ADOT rights of way (R/W) for these projects. Michael Baker will provide records research, information interpretation, calculations, field surveys, results of surveys, parcel exhibits, R/W plans, legal descriptions and field staking, as requested by ADOT in a project task specific Scope of Work (SOW).

TASKS INVOLVED

This contract will require Michael Baker to provide On-Call R/W Plans and Surveying services, including:

PERFORMING:

- R/W Field Surveys
- Boundary & Monumentation Surveys

PREPARING:

- Results of Surveys
- R/W Plans
- R/W Monumentation Plans
- Supplemental Surveys

TECHNICAL ELEMENTS

These surveys involve the application of the specialized expertise in land and route surveying and detailed research and interpretation of records for highways, adjoining properties, railroads, easements and title matters.

b) Proposed Approach

Michael Baker will follow the same approach we've perfected and adapted on ADOT R/W assignments over two back-to-back on-call contracts for the past **11** years. Each R/W project requires different tasks, derived from the scope of services and specific requirements.

Task: Kickoff Meeting / Records Research and Analysis / Field Survey / Results of Survey

Michael Baker will receive the SOW and attend a project kickoff meeting with the ADOT R/W Project Manager, Technical Lead and Plans Reviewer. During this meeting, we will review the SOW along with information collected for the project. In addition, we will discuss project priorities, schedule, ADOT's expectations and approach to the project (should a kickoff meeting not be required, we will review the SOW and project information, then contact ADOT with any questions).



IMPACT OF DESIGN-BUILD DELIVERY

Michael Baker assisted the ADOT Survey Group overcome new challenges related to the D-B delivery method.

- The D-B process challenges the schedule due to **frequent design changes and updates** during the acquisition phase. This iterative process requires Michael Baker to adapt plan sheets and measurements in a **timely and transparent** manner.
- Michael Baker fosters **close coordination and communication** among the D-B team, and survey group to ensure accurate and up-to-date survey data.
- Michael Baker adopted **new record-keeping methods** and **additional communication updates** to monitor, evaluate, and amend scopes and schedules.

After the kickoff meeting, we will:

- Analyze the materials provided by ADOT
- Perform additional research for survey records affecting the project area
- Prepare a cost proposal for the SOW and submit to ECS and the ADOT R/W Plans Section
- Obtain a R/W encroachment permit from the ADOT District in which the project is located

Once we receive the executed contract mod from ECS, we will immediately commence work on the project.



Records Research and Analysis. Michael Baker surveyed more than 110 miles of Arizona highways, state routes, frontage roads and interstates over the past 11 years. Prior to beginning field work, we use ADOT-provided information and records to create preliminary search maps. These details assure the best efficiency of field staff efforts to discover all evidence that exists on the ground.



Field Survey. The field survey will consist of the location of monuments set by the Survey of the Public Lands (along with any original accessories) pertaining to the project. We will work with the ADOT R/W Plans Section to identify which

corners of the Public Lands Survey are needed. All surveying will be conducted according to the “*Manual of Instructions for the Survey of the Public Lands of the United States*” in force at the time of the original survey. We will locate highway, canal and railroad R/W monuments, as well as major and minor street centerline monumentation. Monumented corners of platted subdivisions will be tied when they impact existing R/W lines. Field searches will be conducted for corners of parcels adjoining the R/W and all found monuments will be shown on the Results of Survey.



Michael Baker manages multiple projects concurrently. We understand ADOT's safety standards, schedules, and mobilization needs. Our Phoenix-based team can be at ADOT's office in less than 25 minutes.

also be added to the Results of Survey. The centerline of the existing highway R/W will be shown along with tangent, spiral, curve and coordinate data. The Results of Survey will show Federal, State, County, Reservation, Land Grant, and Municipal boundaries.

The field collected data will then be checked and analyzed to develop alignment geometry and stationing based on found monumentation. Michael Baker will calculate the existing R/W corridor per ADOT's R/W guidelines. On most projects, monumentation is held to determine the highway tangents. Adjustments to the alignments for a “best fit” to the monuments are calculated by holding record curve radii and spiral lengths and allowing curve length and delta to vary from the record. Basis of station will be based on a pair of monuments or section tie that closely fits the record and allows the best fit of the monumented alignment to record alignment. Michael Baker will also analyze existing ADOT R/W Plans, existing R/W report or vesting documents and survey records to establish the existing ADOT R/W lines based on the alignments created.

Before production of the Results of Survey drawing, we will meet and review the data with the R/W Section. We will also discuss the methodology we plan to use for creation of the centerline alignment and stationing. Discrepancies will be discussed to arrive at the optimal solution for the corridor.



Results of Survey. The Results of Survey drawing will be a representation of the field survey. Sectional boundaries will be shown conforming to ADOT R/W Standards. Bearings and distances along sectional boundaries will be shown with distance ties to their intersection with the centerline of the existing highway R/W. Existing ADOT R/W, non-ADOT R/W and easements will also be shown. The Results of Survey will contain Tables of Coordinates with a detailed description of found monuments, calculated coordinates, and station and offsets to the existing R/W line and existing R/W monuments. Survey notes explaining complex decisions in R/W determination will

The basis of coordinates will be the North American Datum (NAD) 1983 (EPOCH, 1992, 2007, or 2011) as specified by ADOT. NAD83 coordinates will be ground coordinates; bearings will be grid bearings; the regional Grid Factor, will be applied. We will list any ADOT or NGS Control Points used to control the Survey and the Grid Factor used. The project will be scaled from coordinate 0,0.



Results of Survey Acceptance. The Results of Survey Drawing and Survey Calculations will be submitted for review after all phases of work are complete and we conducted a QA check, including the Results of Survey Review Checklist.



Monumenting Existing R/W. Upon completion of the R/W Survey, ADOT may decide to monument all or portions of the existing R/W. This may be due to the design/construction project being cancelled, or a portion of the existing R/W being outside of the project area. Final R/W monuments will be set at locations determined by ADOT and as noted in the 2024-016 Contract Master SOW. The R/W Survey sheets will be revised according to ADOT Standards and Specifications and will be submitted for review when all phases of work have been accomplished and after Michael Baker has completed a QA check.



Basemapping Plans. We will prepare R/W basemapping plans following ADOT Standards and Specifications. Basemapping plans will be the footprint of the R/W plans. The set will include the same components as the R/W plans, except new R/W requirements and easements. Basemapping plans will include information obtained from the Results of Survey and ownerships defined in the title reports provided by ADOT along with the existing topographical information.



M6975 040B Switzer Canyon Dr - Steve's Blvd, Flagstaff

This assignment included the analysis and determination of 2.5 miles of existing R/W along SR 040B east of downtown Flagstaff.

Challenges: We encountered a lack of ADOT monumentation, discrepancies between ADOT vesting documents, ADOT R/W Strip Maps and R/W Plans, recorded plats and surveys, unrecorded surveys, and private land vesting documents. **Conflicting information and discrepancies caused issues for ADOT and private surveyors.**

Solution: Michael Baker expanded our field work limits and performed extensive records research and analysis. We determined that holding the found private surveyor's monuments and the intent of the ADOT documents noted in the records, created the best solution to establish the existing R/W. These final solutions were checked against the existing improvements (curb and gutter, sidewalk, driveways) throughout the project corridor to verify the improvements are within the existing R/W for ADOT maintenance purposes.

Demonstrates: Michael Baker's adaptability to develop implementable solutions. Ability to work closely with ADOT R/W Plans Section and proactively communicate progress made on all issues during this task.

CHALLENGES

- ❶ Lack of ADOT monumentation.
- ❷ Monuments not set in the correct positions.
- ❸ Conflicts between ADOT vesting documents and ADOT plans.
- ❹ Undisclosed R/W encroachments.
- ❺ Undocumented R/W, by prescription rights, or other types of continuous usage.

Parcel Exhibits will be prepared for each parcel showing the overall boundary. Michael Baker will:

1. Prepare one (1) Cover Sheet.
2. Prepare Standard Abbreviations and Symbols Sheet
3. Prepare Ownership Record Sheet(s)
4. Prepare Vicinity Map(s)
5. Prepare Plan Sheet(s)
6. Prepare Parcel ID Sheet(s)
7. Prepare Half-size Point Identification Sheet(s)
8. Prepare an ASCII coordinate electronic file in the required comma delimited format (point, northing, easting, description)
9. Prepare Calculation Book (hardcopy and pdf format).

The basemapping plans and calculations will be submitted for review when work is complete after we conducted a QA check.



Advance Acquisition Detail Sheets.

Michael Baker will prepare and submit an Advance Acquisition Detail Sheet showing the parcel boundary, easements and area of acquisition along with all area calculations required for ADOT appraisal and acquisition.



Final R/W Plans.

We will prepare a set of final R/W plans in accordance with ADOT Standards and Specifications. If Basemapping Plans were prepared, they will be used as the basis for the final R/W plans.

The final R/W plans will be prepared utilizing new R/W and easement requirements in CADD files provided by ADOT in native MicroStation file format. All pertinent existing topographical information and new design improvements will be shown. Design plans will be reviewed to verify that improvements are within new R/W and easements. We will work with ADOT to resolve any issues found during our review. Any R/W control points located on a property line will require a supplemental field survey. We will contact ADOT to determine the possibility of moving the new control point to avoid the property line.

Final R/W plans will include information obtained from the Results of Survey and ownerships defined in the title reports provided by ADOT. Parcel exhibits will be prepared for each parcel showing the overall boundary and area of acquisition along with total, gross, net, easement and remainder areas. Michael Baker will prepare the same documents noted under the Basemapping Plans for the Final R/W Plans. The Final R/W Plans and Calculations will be submitted for review when all phases of work are complete and Michael Baker conducted a QA check, including the Final R/W Plans Review Checklist.



Parcel Exhibits. Parcel exhibits are prepared for all parcels on the Basemapping plans and Final R/W Plans to be used in the appraisal process. The exhibits will show the overall boundary and area of acquisition along with total, gross, net, easement and remainder areas.



Supplemental Results of Survey. When requested, we will prepare and submit a supplemental results of survey. This may be related to a new R/W control point falling on a property line or additional areas due to the existing R/W of an intersecting street for a new interchange design. We will adhere to all applicable State statutes and standards.



Weekly meetings and daily communications ensure ongoing coordination.



R/W Staking for Appraisals. Michael Baker will stake the new and existing R/W for parcels and areas specified by ADOT. The staking will be temporary in nature to allow ADOT and Parcel Owner to view the new and existing R/W in the field.



Revise Final R/W Plans. Our team will revise plans as needed. This may be due to design requirement changes or as the result of negotiations with property owners. Revisions will be prepared utilizing revised new R/W and easement requirements and will follow the same procedures used to prepare the original Final R/W Plans. Each submittal will include a highlighted set of the original Final R/W Plans to show the revision changes.



Speciality Detail Sheets. These prepared detail sheets may or may not be incorporated into the Final R/W Plans. Examples are:

- State Land Exhibit Sheets
- Railroad Exhibit Sheets
- SRP/BOR Exchange Exhibit Sheets
- County Flood Control District Exhibit Sheets
- Bureau of Indian Affairs Application Sheets

These sheets are used to obtain new R/W and easements from the noted entities.



Initial & Final R/W Staking. Michael Baker will prepare R/W Staking Plans prior to start of construction and will set magnetically detectable monuments:

1. At all angle points along new R/W lines.
2. At intersection of new R/W lines and PLSS subdivision lines
3. At intersection of new R/W lines and boundaries of platted subdivisions
4. At points on the new R/W line left and right of station equations
5. At begin/end of new access control, when not already located at a R/W control point

6. At all corners of new ADOT- permanent easement corners

At the direction of the R/W Plans Section, final R/W monuments may be set along the existing R/W line at locations outside the construction area at this time. At the completion of the construction project and after the ADOT District has informed the R/W Plans Section the project is complete, final R/W monuments will be set and the R/W Staking Plan will be updated to the R/W Monumentation Survey. The R/W Staking Plans and R/W Monumentation Survey will be submitted for review when all phases of work have been accomplished and after Michael Baker has completed a QA check, including the Staking Plans Review Checklist or Final Monumentation Survey Review Checklist.

Task: Review and Acceptance Submittals

Review submittals and acceptance submittals will follow the submittal guidelines shown in the 2024-016 Contract Master SOW pertaining to each task noted above.



c)Proposed Schedule

Task orders assigned through the R/W Plans and Surveys On-call can vary greatly in scope and complexity. However, each assignment follows a typical field and/or office process.

Michael Baker meets project schedules and completes tasks in a timely and efficient manner. Scott Nelson, RLS, (Project Manager) provides a monthly project status report to the ADOT PM summarizing the progress to date, identifying issues requiring resolution and tracking stakeholder concerns. *Michael Baker’s outstanding record of meeting project schedules is demonstrated with our ongoing ADOT work.*

We work closely with ADOT to provide additional records research, and can submit partial plans sets, to keep the project moving forward. We accomplish our goals by paying attention to project milestones, submittal and meeting dates, the amount of time required for submittal review and the time needed to accomplish the various tasks.

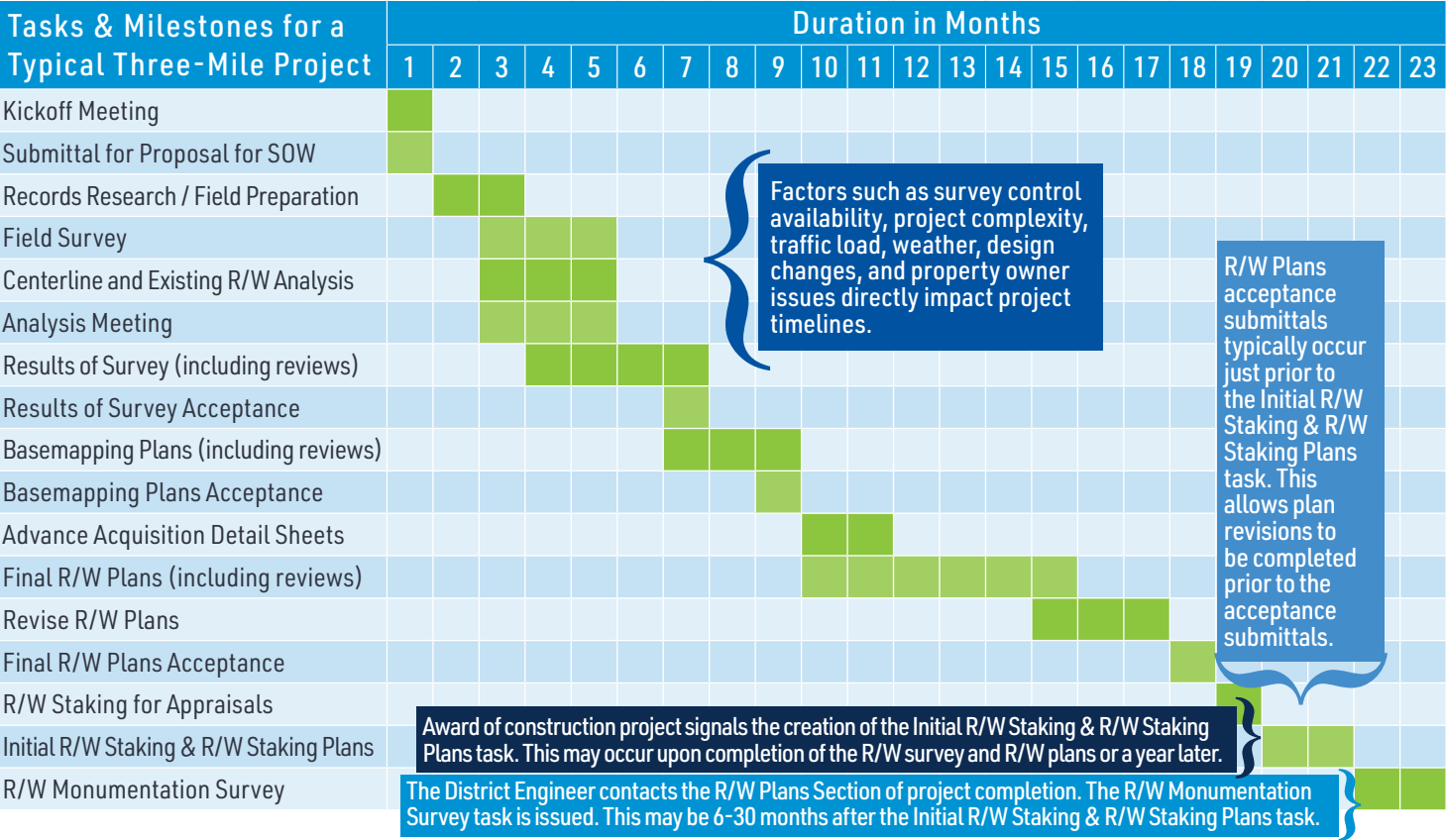
D-B Impact to Schedule. The D-B delivery method has affected some survey project tasks. R/W design and plan revisions can occur multiple times as the project progresses through construction. These revisions can affect the Final R/W Plans acceptance submittal date, pushing the date back depending on the project complexity. Initial R/W Staking and R/W Staking Plans can also be affected, with revisions occurring during the field work and/or plans creation. Michael Baker has adapted to this by proactively communicating with ADOT on what parcels and plan sheets are affected with each design change. We perform the revisions and provide ADOT with updated plan sheets and/or calculation book reports to keep the project moving forward.



METHODS TO TRACK D-B CHANGES

Michael Baker, in conjunction with ADOT, developed a new spreadsheet for D-B projects.

- Using this excel document for parcel information **improves efficiency** allowing for centralized management and easy retrieval of specific plan sheet data.
- By maintaining a clear record, Michael Baker ensures that it accurately reflects tasks and changes to the SOW.
- This documentation is valuable in discussions with ADOT, the D-B team, providing a **clear and organized overview** of the work and the progress of the project.



2. CONTRACT TEAM

Michael Baker offers ADOT a team that understands its survey challenges and is well versed in the ADOT R/W standards. With 75+ years of combined survey experience, each member continues to lead each project to an economical, expedient, and stress-free completion.

a) Relevant Experience, Licensures & Qualifications

Scott, Graham and Joe served in the same roles on both the ADOT On-Call R/W Surveys and R/W Plans 2013-002 and 2020-007 contracts.

TEAM MEMBER & ROLE	EDUCATION	LICENSE	PROJECTS
Scott Nelson, RLS Project Manager	BSE, 1984, Surveying, Iowa State University	21782	» M6975 040B Switzer Canyon Dr – Steve’s Blvd » H6870 SR 303L– MC85 – Van Buren St
Graham Fox, RLS Survey Party Chief	Diploma, 1998, C.E. Technology, Okanagan University College	57029	» M6975 040B Switzer Canyon Dr – Steve’s Blvd » H6870 SR 303L– MC85 – Van Buren St
Joe Anaya CADD Technician/Survey Tech.	High School Diploma	n/a	» M6975 040B Switzer Canyon Dr – Steve’s Blvd » H6870 SR 303L– MC85 – Van Buren St

b) Project Manager

SCOTT NELSON, RLS

Project/contract manager **Scott Nelson, RLS**, has successfully delivered multiple projects through the past two multi-year R/W on-call contracts for ADOT. He brings a proven track record partnering with the ADOT Survey Group to achieve effective project planning, quicker responses to challenges and strong communication and management to mitigate risk. Scott’s experience demonstrates agility in dynamic environments and a solution-oriented approach.

- Deep familiarity with ADOT’s survey-related standards, processes, and procedures.
- Scott is completing 10 concurrent tasks on the 2020-007 contract. He commits about 35% of his time to this contract.
- As the contract/project manager, Scott oversaw or reviewed, every survey project assigned to Michael Baker since 2014.
- 39 years of experience in ADOT Survey R/W, Plans and Monumentation services.



c) Survey Party Chief

GRAHAM FOX, RLS

Our survey party chief **Graham Fox, RLS**, has 25 years of demonstrated management skills through his close work with the ADOT Survey Group on the past two on-call contracts. He is responsible for field preparation and set-up, data collection and quality control.

- Significant hands-on experience resulting in effective and timely coordination to avoid scheduling delays.
- Graham is currently completing 10 concurrent tasks on the 2020-007 contract. He is committed about 45% of his time to these contracts.
- Graham obtains R/W encroachment permits for all ADOT projects, ensures that all safety procedures are followed in the field, and that the survey equipment is in excellent working condition.



Survey Technician

JOE ANAYA

Our survey technician **Joe Anaya**, has 14 years experience working on ADOT projects throughout Arizona leading CADD technician drafting R/W surveys and plans and as a survey technician performing field tasks.

- Joe is very familiar with the R/W Plans Section Standards manual and the R/W Plans Section CADD Standards and that the most current CADD standards and cell library is used for preparing the R/W surveys and plans.
- Joe is completing 10 concurrent tasks on the 2020-007 contract. He is committed about 45% of his time to these contracts.



ORGANIZATIONAL CHART

Our Project Team is made up of surveyors who have worked together for the past 10 years.



PRINCIPAL
Tony Cabrera, PE

PROJECT MANAGER
Scott Nelson, RLS

FIELD/OFFICE

Graham Fox, RLS
Joe Anaya

d) Required Work Experience

A snapshot of the Michael Baker team's experience as it applies to the 2020-007 and 2013-003 contracts is demonstrated in the table below and in our subsequent projects in Section 3, Demonstrated Knowledge, Skills & Abilities.

TASKS COMPLETED UNDER:

- 2020-007 CONTRACT
- 2013-003 CONTRACT

CENTRAL DISTRICT	VERIFY SURVEY	RESULTS OF SURVEY	MON EX R/W	BASE MAPPING	R/W PLANS	PARCEL EXH	SUP SURVEY	REVISE R/W PLANS	SPEC SHEETS	R/W STAKING	FINAL R/W MON	ACQ RC
F0121 SR101L Jct I-17-Pima Rd		○			○	○		●		○	●	●
H8587 I-10 Fairway Drive TI	○				○	○	○	●		○	●	
H7563 I-10/I-17 T.I. Split - 19th Ave					●							
F0072 I-17 Split - SR202L Santan D-B	○				○	○	●	●	○	●		
H6870 SR303L MC85 - Van Buren St		○		●	●	●	●	●	●			
H6876 SR30 Tres Rios Freeway		○		●					○			
F0124 SR202L Val Vista - SR101L	●				●			●		●		●
H8915 SR24 Gateway Freeway	○			○	○	○	○	●		○	●	
M6981 I-17 7th St-Van Buren St		○	●									
F0272 US60 Grand Ave	●	●			●				●			

NORTHCENTRAL DISTRICT	RESULTS OF SURVEY	MONUMENT EX R/W	R/W PLANS	REVISE R/W PLANS	R/W STAKING	FINAL R/W MON	ACQ RC
F0154 SR89A MP 375.1 Rockfall Mitigation				●	●	●	●
H8779 SR89A Spur OP, Str 1187 McConnell Dr	○		○	○	○	●	●
H8907 SR89A Oak Creek	○		○		●	●	●
H8905 040B Rio De Flag Bridge	○		○		○	●	○
M6975 040B Switzer Canyon Dr - Steve's Blvd	●		●				

NORTHWEST DISTRICT	RESULTS OF SURVEY	R/W PLANS	REVISE R/W PLANS	SUP SURVEY	R/W STAKING
H7993 I-40 / US93 West Kingman TI	○	○	●	○	●
F0080 I-40 Colorado River Bridge	●				

SOUTHCENTRAL DISTRICT	VERIFY SURVEY	RESULTS OF SURVEY	R/W PLANS	PARCEL EXH	SUP SURVEY	TOPO SURVEY	REVISE R/W PLANS	SPEC SHEETS	R/W STAKING	FINAL R/W MON	ACQ RC
H7583 I-10 Ina Rd-Ruthrauff Rd	●		●	●					●		●
H8467 I-19 Ajo Way TI (JCT SR86)			○	○	○	●	●		○	●	●
H8480 I-10 Ruthrauff Rd TI			○	○	○		●	○	○	●	
H8887 I-10 Houghton Rd TI	○		○	○	○		●	○	○	●	●
F0488 I-19 Irvington Rd TI	●	●	●				●				
H7696 I-10 SR87 TI						●	●		○	●	

a) Key Personnel's Demonstrated Knowledge, Skills & Abilities

Location of Survey Projects.
 Michael Baker's survey services cover the entire life cycle of an ADOT project as requested in the RFQ.

The map displays Texas divided into eight regions: Central (light blue), Northeast (orange), Southcentral (dark blue), Northcentral (light blue-grey), Northwest (light grey), Southeast (grey), Southwest (green), and Southcentral (dark blue). Major highways are shown in red, and state routes are in blue. Survey projects are marked with colored circles: red for 1-3 tasks, pink for 4-6 tasks, and blue for 7-9 tasks. A high concentration of projects is visible in the Central region, particularly around the Dallas-Fort Worth area, and along major highways like I-40 and I-10.

Location of Survey Projects.

Michael Baker's survey services cover the entire life cycle of an ADOT project as requested in the RFQ.

b) Key Personnel's Abilities to Meet the Contract Requirements

As demonstrated in the project matrix on the following pages, Michael Baker's key personnel has the requisite knowledge, skills and abilities necessary to meet contract requirements.

c) Key Personnel's Knowledge, Familiarity & Experience With R/W Plans & Surveys

As demonstrated in the resumes and project matrix on the following pages, the Michael Baker Team has the requisite knowledge, familiarity and experience with R/W plans and surveys.

4. RELEVANT EXPERIENCE

The ADOT R/W group benefits from Michael Baker's detailed understanding of the districts you serve, allowing us to provide services critical to the contract at a moment's notice.

a) Relevant Experience In Completing Similar Work & Projects

Michael Baker, as the prime firm, worked on 55+ ADOT on-call projects over the past 10 years. Below are some of the projects that Scott Nelson, Graham Fox, and Joe Anaya have worked on together. Tasks include:

DB	Design-Build	BM	Basemapping Plans	FP	Final R/W Plans	RSA	R/W Staking for Appraisals	RSP	R/W Staking Plans
RS	R/W Survey	AA	Advance Acquisition Detail Sheet	PE	Parcel Exhibits	RP	Revise R/W Plans	AC	Acquisition Record Completion
ME	Monument Existing R/W	VS	Verify Survey	SS	Supplemental Surveys	SD	Specialty Detail Sheets	FM	Final R/W Monumentation

ADOT On-Call Project Name/Description

Central District

F0072 I-17 Split – SR 202L Santan, Phoenix - This 8.5-mile DB project on I-10 between 32nd Street and Ray Road included verifying the original Results of Survey and preparing supplemental surveys to determine lot lines on six parcels and adjusting the existing R/W in multiple areas of the project. R/W Plans were prepared to document the existing and proposed R/W and included incorporating previous work shown on R/W plans from projects H7441 and H8768. Multiple requested revisions to the R/W plans were prepared due to changes and/or additions from the design/build process (including adding parcels and SRP easements). Advance Acquisition Detail Sheets were prepared for six parcels. Initial R/W staking was performed (including existing and new R/W) and R/W Staking Plans were prepared. \$662k (Fee)

M6981 7th St – Van Buren, Phoenix - This especially challenging R/W survey included analysis and determination along I-17. The survey includes existing R/W and title report analysis, extensive records research along with analysis and determination of PLSS corner positions in five sections. The existing R/W runs along lines of many older subdivision lots which were acquired for the R/W corridor. This required extensive research and field work to determine the original lot lines in order to correctly determine the existing R/W. Our team determined the existing R/W of 52 side streets adjacent to the corridor. A Results of Survey is being prepared documenting the existing R/W for future projects, along with continuous inquiries and requests from public and private entities. \$187k (Fee)



ADOT On-Call Project Name/Description

Central District

H6876 SR30 SR303L – 127th Ave, Goodyear/Avondale - This project covered the western 7.5-miles of the future SR30 east segment between SR303L southerly extension and SR202L. The R/W Survey included verifying portions of prior surveys from 2010, 2012 and 2019, analysis and determination of PLSS corner positions in 14 sections (including GLO Tract corners) and establishing additional side street existing R/W. Basemapping Plans have been prepared showing sectional linework, existing side street R/W's, approximately 100 affected parcels, and the proposed new R/W. Advance Acquisition Detail Sheets were prepared on 8 parcels to forestall development or due to hardship or relocation reasons. \$462k (Fee)



H6870 SR303L MC85 – Van Buren, Goodyear - Michael Baker is performing tasks on the southerly extension of SR303L. Tasks include R/W Survey, Basemapping Plans, Final R/W Plans, Advance Acquisition Detail Sheets, and Special Detail Sheets. The Final R/W Plans are being prepared in a different manner than a typical ADOT project due to continually changing design requirements and to assure that the latest new R/W and TCE data is being shown on the plans. **We are working with ADOT to develop an approach to best meet the latest new R/W and TCE acquisition requirements on a parcel-by-parcel basis vs. the more traditional approach of preparing the complete R/W plan set at one time.** This approach best meets their needs and schedules, while keeping track of the multiple design changes that are continually occurring as the project progresses. \$360k (Fee)



Northeast District

F0150 Carrizo Wash, St. Johns - Michael Baker completed a R/W project including 5.7 miles of survey, analysis and determination of the R/W along US 191 approximately 8 miles northeast of St. Johns. The survey includes existing R/W and title report analysis, records research along with analysis and determination of PLSS corner positions in five sections. We completed a Results of Survey. We also prepared R/W Plans to document the existing and proposed R/W for minor drainage improvements at Carrizo Wash. \$105k (Fee)



Southcentral District

H8887 Houghton Road TI, Tucson -This R/W project for the redesign of the I-10 – Houghton Road interchange in Tucson included verifying the Existing Results of Survey along I-10, performing Supplemental Results of Survey to determine the existing R/W of I-10 and Houghton Road in the project area, preparing Final R/W Plans for the new interchange design, State Land Exhibits for obtaining the proposed R/W from ASLD, revising Final R/W Plans, performing initial R/W staking, and preparing R/W Staking Plans prior to construction, performing a R/W Monumentation Survey upon completion of construction, and Acquisition Record Completion. \$76k (Fee)



M5195 Old Sonoita Hwy – SR 82, Sonoita -Michael Baker performed a Results of Survey, including analysis and determination of 0.5 miles of SR 83 and 2.6 miles of SR 82 to document existing R/W. The survey included existing R/W and title report analysis, records research along with analysis and determination of PLSS corner positions in four sections. Michael Baker also monumented the existing R/W and revised the Results of Survey per the ADOT standards. \$78k (Fee)



H8479 Ina Road TI, Tucson -Over a six year period, Michael Baker surveyors provided R/W plans and surveying services for this TI project. We were tasked with performing supplemental surveys, preparing R/W Plans and revising R/W Plans, R/W Staking for Appraisals, preparing State Land Exhibits, performing Initial R/W Staking and preparing R/W Staking Plans, Acquisition Record Completion, and setting Final R/W monuments and preparing the R/W Monumentation Survey. \$326k (Fee)



DB Design-Build	BM Basemapping Plans	FP Final R/W Plans	RSA R/W Staking for Appraisals	RSP R/W Staking Plans
RS R/W Survey	AA Advance Acquisition Detail Sheet	PE Parcel Exhibits	RP Revise R/W Plans	AC Acquisition Record Completion
ME Monument Existing R/W	VS Verify Survey	SS Supplemental Surveys	SD Specialty Detail Sheets	FM Final R/W Monumentation

ADOT On-Call Project Name/Description

Northwest District

H7993 I-40/US 93 West Kingman TI, Kingman - This new interchange R/W project included a challenging R/W survey with an analysis and determination of 2.1 miles of I-40 and 2.6 miles of US 93 through an older area of Kingman, existing R/W and title report analysis, and records research along with analysis and determination of PLSS corner positions in 4 sections. Extensive research and field work determined older subdivision lines that define the existing R/W lines. A Results of Survey was prepared to document the existing R/W. Final R/W Plans were prepared for the acquisition of New R/W and TCE for the project along with a Supplemental Results of Survey to determine parcel lines that define the proposed new R/W. Recently tasked with Initial R/W Staking (including setting existing R/W monuments) and preparing R/W Staking Plans prior to start of construction. \$322k (Fee)



Northcentral District

H8905 Rio de Flag Bridge, Flagstaff - Michael Baker completed a 1.7-mile R/W services along SR 040B (Old Route 66) and US 180 through the downtown Flagstaff area for the Rio de Flag Bridge replacement. The R/W survey included existing R/W and title report analysis, records research along with analysis and determination of PLSS corner positions in four sections. A Results of Survey was prepared to document the existing R/W. Final R/W Plans were prepared for the New R/W and TCE requirements for the bridge replacement. Prior to construction, initial R/W staking was performed. Upon completion of construction, existing and new R/W was monumented and R/W Monumentation Survey was prepared. \$108k (Fee)



H8399 South Milton Road - Plaza Way Intersection, Flagstaff - Michael Baker performed R/W services along 1.2 miles of SR 89A (Milton Road) and 0.3 miles of Plaza Way in Flagstaff for the design and construction of a southbound turn lane from SR 89A onto Plaza Way. Tasks included R/W Plans, Initial R/W Staking, and R/W Monumentation Survey. \$79k (Fee)



M6975 040B Switzer Canyon Dr - Steve's Blvd, Flagstaff - Michael Baker is performing an especially challenging R/W survey along 2.5 miles of SR 040B east of downtown Flagstaff due to uncertainty of the existing R/W location in several areas. Existing R/W report analysis and extensive records research was performed. During the analysis and the establishment of the existing R/W lines of SR 040B, discrepancies were found between the ADOT vesting documents and maps and recorded and unrecorded plats, surveys, and vesting documents. Some discrepancies were due to the lack of and/or conflicting information per ADOT documents and maps which required local private surveyors to resolve each situation as best as possible using previous surveys and found private monuments. We determined that holding the found private monuments and the intent of the documents noted above in relationship with said found private monuments created the best solutions to establish the existing R/W lines. These final R/W solutions were checked against the field located existing roadway improvements throughout the project to verify said existing improvements fall within the existing R/W for ADOT maintenance purposes. Recently scoped with the Monument Existing R/W task. \$115k (Fee)



b) Record of Performance on Past Contracts of Similar Type & Magnitude

Michael Baker is proud of our record for effectively scoping and managing the delivery of **150** tasks for the ADOT Survey Group since 2013.

c) Level of Relevant Experience of the Key Personnel & Degree of Participation Anticipated on this Contract

Scott Nelson, RLS, Graham Fox, RLS, and Joe Anaya worked on 23 projects assigned under the ADOT On-Call Survey and R/W Plans 2020-007 contract during the past four years.

d) Relevant Experience of Key Subconsultants

Michael Baker can perform all work in-house and does not anticipate requiring subconsultants to complete projects assigned from this contract.

KEY PERSONNEL & ROLE	EXPER./AVAIL.
Scott Nelson, RLS Project Manager	40 years 65%
Graham Fox, RLS Survey Party Chief	25 years 55%
Joe Anaya CADD/Survey Technician	14 years 55%

5. QUALITY CONTROL

Having completed numerous survey projects, Michael Baker’s in-house experts have the technical know-how and understanding of ADOT R/W guidelines to deliver these projects on time and within budget.

a) Quality Control Procedures

As part of our commitment to the Quality Service philosophy, Michael Baker follows an established formal quality management process that is implemented on all projects. This process promotes prevention rather than detection, and requires formal independent project reviews at all milestone stages by senior staff.

Our quality program enhances the development of each project assignment though our diligent pursuit of achieving the highest quality in the surveying and mapping services that we provide.

We will begin by meeting with ADOT to clearly define the SOW. Project Manager, **Scott Nelson, RLS**, will lead internal weekly progress/coordination meetings prior to formal submittals to avoid potential “surprises.” Scott will also be in contact with the ADOT Project Manager and/or Plans Reviewer throughout the project to keep him abreast of the project’s progress and any issues that have arisen. These weekly conversations will allow ADOT adequate time for input into the project.

b) Quality Control Process for Contract Tasks

Michael Baker reviews all submittals for surveys and plans prior to delivery to ADOT to ensure accuracy and confirm redline review comments have been addressed. These reviews, along with our QA/QC processes we have weaved through our daily activities, have provided the ADOT R/W Plans Section with high quality products for the past 10 years.



Michael Baker performs a final QA/QC review of the survey or plans per ADOT R/W Plans Section review checklists.

Michael Baker’s plan establishes the QA/QC procedures that will be followed by all Project Team members. Michael Baker has built its reputation on quality, on-time delivery. Through our quality audit process at the completion of each task order, we strive to improve our QA/QC procedures for future contract tasks. This established and proven QA/QC program will greatly benefit ADOT on all contract tasks assigned to Michael Baker under ADOT Contract 2024-016.

PART D – Attachments

1. KEY PERSONNEL RESUMES

PROJECT MANAGER

Scott Nelson, RLS



Scott has been responsible for project management for the majority of his 39-year surveying career, including two years working for the ADOT ROW Plans Section. As a hands-on Project Manager, he will be involved in the day-to-day activities of all on-call tasks and will be in frequent communication with ADOT staff. He, along with his team, will engage with ADOT's staff and on-call design consultants to ensure ADOT's needs are met on all task orders and are committed to delivering high quality professional services.

Leads a survey team who are intimately familiar with ADOT requirements, policies, specifications, and safety practices. His team follows these practices on multiple, concurrent projects.

Scott has provided survey services to ADOT Survey Group for every District in the state, resulting in local expertise for more effective project planning and a faster response to challenges by implementing lessons learned, while mitigating risk.

Has an active leadership role in the evolution of the tracking of R/W tasks for D-B projects before, during, and after implementation as demonstrated by the following projects:

- F0072 I-17 Split – SR 202L Santan, Phoenix. Multiple requested revisions to the R/ W plans were prepared due to changes and/or additions from the D-B process (including adding parcels and SRP easements).
- H6870 SR303L MC85 – Van Buren Street, Goodyear. The southerly extension of SR303L includes existing R/W analysis, records research along with analysis and determination of existing side street R/W's, and PLSS corner sections in 5 sections.

RELEVANT ADOT EXPERIENCE

F0072 I-17 Split – SR 202L Santan. *Central District.* **PROJECT MANAGER.** Michael Baker completed an 8.5-mile project of I-10 between 32nd Street and Ray Road for a D-B project.

H6870 SR 303L– MC85 – Van Buren Street. *Central District.* **PROJECT MANAGER.** Michael Baker is performing survey tasks on the southerly extension of SR303L from Van Buren Street south to MC85.

H6876 SR 303L– 127th Avenue. *Central District.* **PROJECT MANAGER.** Michael Baker was tasked with R/W Survey, Basemapping Plans and Advance Acquisition Detail Sheets for the western 7.5-miles of the future SR 30 east segment between SR 303L southerly extension and SR 202L.

H8905 Rio De Flag Bridge. *Northcentral District.* **PROJECT MANAGER.** Michael Baker completed a 1.7-mile R/W project along SR 040B and US 180 through the downtown Flagstaff area for the Rio de Flag Bridge replacement.

M6975 SR 040B Switzer Canyon Dr – Steve's Blvd. *Northcentral District.* **PROJECT MANAGER.** Michael Baker is performing an especially challenging R/W survey along 2.5 miles of SR 040B east of downtown Flagstaff.

H8887 I-10 Houghton Road TI. *Southcentral District.* **PROJECT MANAGER.** Michael Baker performed R/W services for the redesign of the I-10 – Houghton Road interchange in Tucson.

H7993 I-40 / US 93 West Kingman TI. *Northwest District.* **PROJECT MANAGER.** Michael Baker completed challenging R/W services for the design and construction of a new interchange at I-40 and US 93 in Kingman.

H8399 SR 89A South Milton Road - Plaza Way Intersection. *Northcentral District.* **PROJECT MANAGER.** Michael Baker performed a R/W project along 1.2 miles of SR 89A (Milton Road) and 0.3 miles of Plaza Way in Flagstaff for the design and construction of a southbound turn lane from SR 89A onto Plaza Way.

M5195 SR 83 Old Sonoita Hwy – SR 82. *Southcentral District.* **PROJECT MANAGER.** Michael Baker performed a Results of Survey, including analysis and determination of 0.5 miles of SR 83 and 2.6 miles of SR 82 in Sonoita.

H8479 I-10 Ina Road TI. *Southcentral District.* **PROJECT MANAGER.** Over the 6+ year period, Michael Baker provided On-Call R/W Plans and Surveying services for the Ina Road TI project in Tucson.

M6981 I-17 7th ST – Van Buren. *Central District.* **PROJECT MANAGER.** Michael Baker completed an especially challenging R/W survey, including analysis and determination along I-17 through an older area of Phoenix.

H8915 SR 24 Ellsworth Road – Ironwood Drive. *Central District.* **PROJECT MANAGER.** Michael Baker completed multiple survey services for a 5-mile segment of the future Gateway Freeway in Mesa/Pinal County.

F0150 US 191 Carrizo Wash. *Northeast District.* **PROJECT MANAGER.** Michael Baker completed R/W services including 5.7 miles of survey, analysis and determination of the ADOT R/W along US 191 approximately 8 miles northeast of St. Johns.

Michael Baker

INTERNATIONAL

Years with Michael Baker
11

Years Experience
40

Education
B.S.E., 1984,
Surveying, Iowa
State University

Licenses/Certifications
Land Surveyor,
Arizona, 1988,
21782

Professional Affiliations
Arizona
Professional
Land Surveyor
Association

*Current Project
Commitment*
35%

SURVEY PARTY CHIEF

Graham Fox, RLS



Graham has 20 years of surveying experience performing various survey-related field and office tasks. He understands ADOT procedures and requirements for performing field work for R/W surveys and is very familiar with and follows the ADOT R/W Plans Section R/W Monumentation Procedures and Standards when setting monuments on existing and new R/W and staking for appraisals. Graham also provides office support and is familiar with ADOT office procedures.

RELEVANT ADOT EXPERIENCE

F0072 I-17 Split – SR 202L Santan. *Central District. SURVEY PARTY CHIEF.* Michael Baker completed an 8.5-mile project of I-10 between 32nd Street and Ray Road for a D-B project.

H6870 SR 303L– MC85 – Van Buren Street. *Central District. SURVEY PARTY CHIEF.* Michael Baker is performing survey tasks on the southerly extension of SR303L from Van Buren Street south to MC85.

H6876 SR 303L– 127th Avenue. *Central District. SURVEY PARTY CHIEF.* Michael Baker has been tasked with R/W Survey, Basemapping Plans and Advance Acquisition Detail Sheets for the western 7.5-miles of the future SR 30 east segment between SR 303L southerly extension and SR 202L.

H8905 Rio De Flag Bridge. *Northcentral District. SURVEY PARTY CHIEF.* Michael Baker completed a 1.7-mile R/W project along Old Route 66 and US 180 through the downtown Flagstaff area for the Rio de Flag Bridge replacement.

M6975 SR 040B Switzer Canyon Drive to Steve's Blvd. *Northcentral District. SURVEY PARTY CHIEF.* Michael Baker is performing an especially challenging R/W survey along 2.5 miles of SR 040B east of downtown Flagstaff.

H8887 I-10 Houghton Road TI. *Southcentral District. SURVEY PARTY CHIEF.* Michael Baker performed R/W services for the redesign of the I-10 – Houghton Road interchange in Tucson.

H7993 I-40 / US 93 West Kingman TI. *Northwest District. SURVEY PARTY CHIEF.* Michael Baker completed challenging R/W services for the design and construction of a new interchange at I-40 and US 93 in Kingman.

H8399 SR 89A South Milton Road to Plaza Way Intersection. *Northcentral District. SURVEY PARTY CHIEF.* Michael Baker performed a R/W project along 1.2 miles of SR 89A (Milton Road) and 0.3 miles of Plaza Way in Flagstaff for the design and construction of a southbound turn lane from SR 89A onto Plaza Way.

M5195 SR 83 Old Sonoita Hwy – SR 82. *Southcentral District. SURVEY PARTY CHIEF.* Michael Baker performed a Results of Survey, including analysis and determination of 0.5 miles of SR 83 and 2.6 miles of SR 82 in Sonoita.

H8479 I-10 Ina Road TI. *Southcentral District. SURVEY PARTY CHIEF.* Over the 6+ year period, Michael Baker provided On-Call R/W Plans and Surveying services for the Ina Road TI project in Tucson.

M6981 I-17 7th Street to Van Buren Street. *Central District. SURVEY PARTY CHIEF.* Michael Baker completed R/W survey, including analysis and determination along I-17. A Results of Survey is being prepared to document the existing R/W which will be used by ADOT for future projects, along with continuous inquires and request from public and private entities regarding the existing R/W location in the project area.

H8915 SR 24 Ellsworth Road – Ironwood Drive. *Central District. SURVEY PARTY CHIEF.* Michael Baker completed multiple survey services for a 5-mile segment of the future Gateway Freeway in Mesa/ Pinal County.

F0150 US 191 Carrizo Wash. *Northeast District. SURVEY PARTY CHIEF.* Michael Baker completed R/W services including 5.7 miles of survey, analysis and determination of the ADOT R/W along US 191 approximately 8 miles northeast of St. Johns.

H8907 SR 89A Oak Creek. *Northcentral District. SURVEY PARTY CHIEF.* Michael Baker completed a R/W project in the "switchbacks" area of SR 89A between Sedona and Flagstaff to reduce erosion to preserve deteriorating slopes and reduce downstream pollution.

F0154 SR 89A MP 375.1 Rockfall Mitigation. *Northcentral District. SURVEY PARTY CHIEF.* Michael Baker completed a R/W project for the purpose of the design/construction to improve safety by removing a large overhang of rock that is nearly above the southbound travel lane along 0.5-miles of SR 89A at the north city limits of Sedona. Upon completion of construction, existing and new R/W was monumented and R/W Monumentation Survey was prepared.

Michael Baker
INTERNATIONAL

Years with Michael Baker
10

Years Experience
25

Education
Diploma, 1998,
Civil Engineering
Technology,
Okanagan
University College

Licenses/Certifications
Land Surveyor,
Arizona, 1988,
57029

Professional Affiliations
Arizona
Professional
Land Surveyor
Association

*Current Project
Commitment*
45%

CADD & SURVEY TECHNICIAN

Joe Anaya



Mr. Anaya has 14 years of surveying experience performing various survey-related field and office tasks. He has worked on ADOT projects located throughout Arizona for the past eight years as the lead CADD Technician drafting R/W surveys and plans and as a Survey Technician performing field tasks. Mr. Anaya is very familiar with the R/W Plans Section Standards manual and the R/W Plans Section CADD Standards and that the most current CADD standards and cell library is used for preparing the R/W surveys and plans. He understands and follows our internal quality control procedures on all tasks.

RELEVANT ADOT EXPERIENCE

F0072 I-17 Split – SR 202L Santan. *Central District. CADD & SURVEY TECHNICIAN.* Michael Baker completed an 8.5-mile project of I-10 between 32nd Street and Ray Road for a D-B project.

H6870 SR 303L– MC85 – Van Buren Street. *Central District. CADD & SURVEY TECHNICIAN.* Michael Baker is performing survey tasks on the southerly extension of SR303L from Van Buren Street south to MC85.

H6876 SR 303L– 127th Avenue. *Central District. CADD & SURVEY TECHNICIAN.* Michael Baker has been tasked with R/W Survey, Basemapping Plans and Advance Acquisition Detail Sheets for the western 7.5-miles of the future SR 30 east segment between SR 303L southerly extension and SR 202L.

H8905 Rio De Flag Bridge. *Northcentral District. CADD & SURVEY TECHNICIAN.* Michael Baker completed a 1.7-mile R/W project along SR 040B (Old Route 66) and US 180 through the downtown Flagstaff area for the Rio de Flag Bridge replacement.

M6975 SR 040B Switzer Canyon Drive to Steve's Blvd. *Northcentral District. CADD & SURVEY TECHNICIAN.* Michael Baker is performing an especially challenging R/W survey along 2.5 miles of SR 040B east of downtown Flagstaff.

H8887 I-10 Houghton Road TI. *Southcentral District. CADD & SURVEY TECHNICIAN.* Michael Baker performed R/W services for the redesign of the I-10 – Houghton Road interchange in Tucson.

H7993 I-40/US93 West Kingman TI. *Northwest District. CADD & SURVEY TECHNICIAN.* Michael Baker completed challenging R/W services for the design and construction of a new interchange at I-40 and US 93 in Kingman.

H8399 SR 89A South Milton Road to Plaza Way Intersection. *Northcentral District. CADD & SURVEY TECHNICIAN.* Michael Baker performed a R/W project along 1.2 miles of SR 89A (Milton Road) and 0.3 miles of Plaza Way in Flagstaff for the design and construction of a southbound turn lane from SR 89A onto Plaza Way.

M5195 SR 83 Old Sonoita Hwy – SR 82. *Southcentral District. CADD & SURVEY TECHNICIAN.* Michael Baker performed a Results of Survey, including analysis and determination of 0.5 miles of SR 83 and 2.6 miles of SR 82 in Sonoita.

H8479 I-10 Ina Road TI. *Southcentral District. CADD & SURVEY TECHNICIAN.* Over the six year period, Michael Baker provided On-Call R/W Plans and Surveying services for the Ina Road TI project in Tucson.

M6981 I-17 7th Street to Van Buren Street. *Central District. CADD & SURVEY TECHNICIAN.* Michael Baker completed an especially challenging R/W survey, including analysis and determination along I-17 through an older area of Phoenix.

H8915 SR 24 Ellsworth Road – Ironwood Drive. *Central District. CADD & SURVEY TECHNICIAN.* Michael Baker completed multiple survey services for a 5-mile segment of the future Gateway Freeway in Mesa/Pinal County.

F0150 US 191 Carrizo Wash. *Northeast District. CADD & SURVEY TECHNICIAN.* Michael Baker completed R/W services including 5.7 miles of survey, analysis and determination of the ADOT R/W along US 191 approximately 8 miles northeast of St. Johns.

H8907 SR 89A Oak Creek. *Northcentral District. CADD & SURVEY TECHNICIAN.* Michael Baker completed a R/W project in the "switchbacks" area of SR 89A between Sedona and Flagstaff to reduce erosion to preserve deteriorating slopes and reduce downstream pollution.

F0154 SR 89A MP 375.1 Rockfall Mitigation. *Northcentral District. CADD & SURVEY TECHNICIAN.* Michael Baker completed a R/W project for the purpose of the design/construction to improve safety by removing a large overhang of rock that is nearly above the southbound travel lane along 0.5-miles of SR 89A at the north city limits of Sedona.

Michael Baker INTERNATIONAL

Years with Michael Baker
8

Years Experience
14

Education
A.A. CAD Drafting,
2019, Glendale
Community College

Licenses/Certifications
Bentley Accredited
MicroStation User,
2023

*Current Project
Commitment*
45%

From: ADOT Business Engagement and Compliance Office <AZUTRACS-Support@azdot.gov>

Sent: Tuesday, March 26, 2024 8:14 AM

To: Pelekoudas, Janine <JPelekoudas@mbakerintl.com>

Cc: ContractorCompliance@azdot.gov

Subject: EXTERNAL: Bidders List for Michael Baker International, Inc.

EXTERNAL EMAIL

Michael Baker International, Inc., AZUTRACS Number: [10716](#) has submitted a Bidder/Proposer list for **2024-016** on 03/26/2024 at 8:13 AM MST (UTC - 07:00).

Michael Baker International, Inc. submitted a blank bidders/proposers list. This means that they did not list any firms that they reached out to or were contacted by during the preparation of this bid/proposal. NOTE: Subbing out work is encouraged, where applicable. Under some circumstances, no subbing opportunities are available.

Our True North: *Safely Home*

Engineering Consultants Section

Katie Hobbs, Governor

Jennifer Toth, Director

Greg Byres, Deputy Director for Transportation/State Engineer

Steve Boschen, Division Director

Date: March 19, 2024

TO: ALL INTERESTED PARTIES

SUBJECT: AMENDMENT NUMBER 01

REFERENCE: REQUEST FOR QUALIFICATIONS
CONTRACT NUMBER 2024-016
ON-CALL RIGHT OF WAY SURVEYS,
RIGHT OF WAY PLANS AND MONUMENTATION SURVEYS

The following questions have been asked in reference to the above Request for Qualifications package:

Question 1:

Will Consultant Information Pages be posted with this procurement, or should consultants use the forms posted here: <https://azdot.gov/business/engineering-consultants/forms-and-templates-engineering-consultants>

Answer 1:

The "Consultant Information Pages (CIP)-Race Neutral Contract" can be found at:

<https://azdot.gov/sites/default/files/media/2022/02/Consultant%20Information%20Pages%20-%20Race%20Neutral%20Contract-Rev1.pdf>

Jessica McCall

Contract Specialist

Engineering Consultants Section

AN OFFEROR MUST ACKNOWLEDGE RECEIPT OF THIS AMENDMENT BY SIGNING BELOW AND INCLUDING ALL PAGES OF THIS AMENDMENT IN THE SOQ SUBMITTAL. FAILURE TO DO SO SHALL RESULT IN REJECTION OF THE PROPOSAL.

Michael Baker International, Inc.

CONSULTANT NAME

SIGNATURE

* This amendment is not included in the total page count in the Statement of Qualification submittal.

ARIZONA DEPARTMENT OF TRANSPORTATION
205 S. 17th Ave | MD 616E | Phoenix, AZ 85007 | azdot.gov

CONSULTANT INFORMATION PAGES (CIP)

CONTRACT NO.: **2024 - 016**

CONTACT PERSON: **Scott Nelson, RLS**

E-MAIL ADDRESS: **Scott.Nelson@mbakerintl.com**

TITLE: **Department Manager - Survey/Mapping**

CONSULTANT FIRM: **Michael Baker International, Inc.**

ADDRESS: **2929 N. Central Avenue, 8th Floor**

CITY, STATE ZIP: **Phoenix, AZ 85012**

TELEPHONE: **(602) 308-1327**

FAX NUMBER: **(602) 279-1411**

DUNS #: **07-917-1269**

ADOT CERTIFIED DBE FIRM? (YES/NO)

No

SUBCONSULTANT(S):	TYPE OF WORK	ADOT CERTIFIED DBE FIRM (YES/NO)
N/A		

NOTE: This page is not evaluated by the Selection Panel but is used by Engineering Consultants Section for administrative purposes.

SUBCONSULTANT(S) TABLE:

SUBCONSULTANT FIRM NAME:	N/A
CONTACT PERSON:	
E-MAIL ADDRESS:	
TITLE:	
ADDRESS:	
CITY, STATE ZIP:	
TELEPHONE:	
FAX NUMBER:	
DUNS #:	

SUBCONSULTANT FIRM NAME:	
CONTACT PERSON:	
E-MAIL ADDRESS:	
TITLE:	
ADDRESS:	
CITY, STATE ZIP:	
TELEPHONE:	
FAX NUMBER:	
DUNS #:	

NOTE: Each Subconsultant listed in the SOQ must be included in the Subconsultant Table of the CIP. Add additional Subconsultant Table pages as necessary. The CIP is not evaluated by the Selection Panel but is used by Engineering Consultants Section for administrative purposes.

DBE GOAL ASSURANCE/DECLARATION

This Contract is Race Neutral (No DBE Goal-DBE use encouraged).

By signing below, and in order to submit an SOQ proposal and be considered to be awarded for this contract, in addition to all other pre-award requirement, the consultant/Proposer certifies that they will meet the established DBE goal or will make good faith efforts to meet the goal for the contract and that arrangements with certified DBEs have been made prior to SOQ and/or Cost Proposal submission. The proposer will meet the established DBE goal or will make good faith efforts to meet the goal on each Task Order assignment associated with the contract and that arrangements with certified DBEs have been made prior to SOQ and/or Task Order proposal submission.



Signature

March 28, 2024

Date

Tony Cabrera, PE

Printed Name

Principal

Title

SOQ SUBMITTAL CHECKLIST

Place a check mark on the left side of the table indicating compliance with the following:

☒	Required Page Limit Met
☒	One PDF Document no larger than 15 MB
☒	All Amendments Included
☒	Introduction Letter (Including all required elements/statements)
☒	SOQ Proposal Formatted According to Requirements Listed in Part C and any applicable amendments
☒	Correct SOQ Certification List Signed and Dated by a Principal or Officer of the Firm
☒	Completed Consultant Information Page (Including listing DBE firms, if applicable)
☒	Supplemental Services Disclosure Form (REQUIRED for Supplemental Services Contract)
☒	All Subconsultants & Proposed Work Type (Including listing DBE firms, if applicable)
☒	Any Additional Required Documents (Specific Requirements in RFQ such as Resumes, etc.)
☒	Commenting or User Rights Feature Enabled in SOQ PDF Document
☒	DBE Goal Assurance/Goal Declaration completed

NOTE: This page is not evaluated by the Selection Panel but is used by Engineering Consultants Section for administrative purposes.



Signature

Tony Cabrera, PE

Printed Name

March 28, 2024

Date

Principal

Title