

DATE SUBMITTED February 27, 2026
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR OTHON MORA
 DATE ACTION REQUIRED March 4, 2026

COUNCIL ACTION (X)
 PUBLIC HEARING REQUIRED ()
 RESOLUTION ()
 ORDINANCE 1ST READING ()
 ORDINANCE 2ND READING ()
 CITY CLERK'S INITIALS ()

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

SUBJECT	DISCUSSION/ACTION: 1. APPROVE TASK ORDER FOR ON-CALL ENGINEERING CONSULTANT SERVICES FOR THE ATEN BLVD REHABILITATION PROJECT (P2026-01)		
DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT DEPARTMENT			
BACKGROUND/SUMMARY: The City submitted a Surface Transportation Block Grant (STBG) and a Congestion Mitigation and Air Quality (CMAQ) application for the Aten Boulevard Rehabilitation Project between Old SR-86 and the West Right-of-Way Line of the Southern Pacific Railroad in October 2022. The STBG (CIP 818) project includes pavement rehabilitation, ARAM interlayer, hot mix asphalt overlay, thermoplastic striping, wayfinding markers, and installation of a 4-foot bike lanes on both sides of the roadway. The CMAQ (CIP 843) project includes the installation of a new sidewalk along the north side of Aten Blvd. On February 26, 2026, the City received a proposal from TYPSA, Inc. , which is currently one of the City's on-call consultant, for a total cost of \$169,876 to perform the scope of work (<i>proposal attached as "Exhibit A"</i>). The purpose of this staff report is to authorize the acceptance of the proposal and award the contract to the consultant.			
FISCAL IMPACT: \$169,876.00 (CIP 818 & 843)		ADMIN SERVICES SIGN INITIALS	<u>JMS</u>
STAFF RECOMMENDATION: Staff recommends the approval of the Task Order for On-Call Engineering Consultant Services for the Aten Blvd Rehabilitation Project (P2026-01)		DEPT. INITIALS	<u>OM</u>
MANAGER'S RECOMMENDATION: <div style="text-align: center;"><i>approve</i></div>		CITY MANAGER'S INITIALS	<u>OTM</u>
MOTION: SECONDED: APPROVED () REJECTED () AYES: DISAPPROVED () DEFERRED () NAYES: ABSENT: REFERRED TO:			



TYPESA, Inc.
501 N. 44th Street, Suite 300
Phoenix, Arizona 85008
Tel: 602.454.0402
www.typsa.us

"EXHIBIT A"

February 26, 2026

Othon Mora, MCM, CBO
Community Development Director
City of Imperial
420 S. Imperial Avenue
Imperial, CA 92251

Subject: **City of Imperial – Civil Engineering On-Call Task Order Requests
Civil Engineering Design and Construction Support Services
CMAQ Phase III Sidewalks and STBG Pavement Rehabilitation Projects
Aten Boulevard, Old SR86 to SPRR Right-of-Way Limits
Revision No. 0**

Dear Mr. Mora,

Please find enclosed TYPESA, Inc.'s brief Scope of Work and Cost Proposal for design services for the above referenced projects, including a design schedule, and Lump Sum Fixed Fee Cost Proposal for the design and construction support services.

The cost for these services is \$169,876. This includes an Allowance of \$7,500.

If you should have questions or require additional information, please contact Jack Fleming at (480) 320-8265 or email at jfleming@typsa.com.

Respectfully,

Jack Fleming, P.E.
Project Manager/Associate Vice President

Cc: Mark Gilliland, Jack Fleming, File

Attachments:

Scope of Work
Derivation of Cost Proposal Summary
Work-Hour Spreadsheet
Direct Expense Documentation
Subconsultant Scope and Fee Proposals

SCOPE OF WORK

The City of Imperial has requested a scope of services and cost proposal for the following projects along Aten Boulevard between Old SR86 and Southern Pacific Railroad (approximately 1,650 feet):

- STBG – Aten Boulevard Rehabilitation Project (P2026-01)
- CMAQ – Aten Boulevard Sidewalk Installation Phase III (P2026-02)

The project will include project administration, survey and mapping, engineering design, environmental clearance assistance, right-of-way (ROW) research and mapping, utility coordination, bid phase support, construction phase support, assistance with Federal and Caltrans compliance, project closeout documentation, stakeholder coordination, and include 60% and 100% (PS&E) submittals. The following Scope of Work is required to complete final design and clear the project for construction:

SURVEY AND MAPPING

Dynamic Consulting Engineers' (DCE) scope of work is attached, and they will be performing survey and mapping services, including R/W research, visible utility survey and base file preparation. Rights of entry/access to the project area will be provided by the City of Imperial.

GEOTECHNICAL INVESTIGATION, REPORT AND PAVEMENT DESIGN

Landmark Consultants' scope of work is attached, and they will be performing the geotechnical investigation and report for this project, including pavement section recommendations.

PROJECT MANAGEMENT AND COORDINATION

TYPSA will provide the following services pertaining to Project Management and Coordination:

- Coordinate with City Staff (virtual)
- Attend up to three virtual project progress meetings and one combined (CMAQ and STBG) virtual comment resolution meeting
 - TYPSA will have two attendees at each meeting and will provide meeting agendas and meeting minutes.
- Assistance with required Caltrans Local Assistance Documentation and Federal Forms
 - TYPSA will assist in providing information required in order to fill out and submit LAPM and Federal Forms
 - City of Imperial will be responsible for finalizing and submitting forms.
- General Project Management and Coordination
 - This includes general administration to complete this task, including project progress monitoring, schedule management and invoicing.
- Initial Site Visit

- Quality Assurance/Quality Control – TYP SA will provide Quality Control reviews for the deliverables at each design submittal. Quality Control reviews will follow the TYP SA Quality Control Plan.

ENVIRONMENTAL, AUTHORIZATION SUPPORT AND PRE-DESIGN

TYP SA will provide the following services pertaining to Environmental, Authorization Support and Pre-Design:

- Environmental Clearance Support
 - TYP SA will provide assistance to the City in their efforts to clear the project (CEQA/NEPA). It is anticipated that both the CMAQ and STBG projects will be Categorical Exemptions and will be filed by the City of Imperial for processing.
 - Time has been included in the fee derivation for a Senior Air and Noise Specialist to assist with Environmental Clearance Support
- Assisting the City in their preparation required documentation for federal authorization and E-76/related approvals
- Utility Coordination – Utility conflicts are not anticipated and will be mitigated with the design efforts
 - TYP SA will contact the utility companies for As-Builts and Facility Maps/Records and maintain a list of utility contacts.
 - TYP SA will send out Utility Conflict Review letters at the 60% submittal for their review and response that all of their utilities have been shown correctly on the plans and confirmation that the utility company has checked the plans for any potential conflicts with their facilities.
 - TYP SA will create, update and maintain an electronic utility base file from the utility company as-builts received and surface information obtained during the topographic survey for the project.

PLANS, SPECIFICATIONS AND ESTIMATE (PS&E)

TYP SA will provide the following services pertaining to PS&E:

- The proposed improvements include new sidewalk construction (CMAQ) from Old SR89 to Southern Pacific Railroad (SPRR) (approximately 1,650 feet). Driveways and ADA ramps will be included along Aten Boulevard to ensure ADA/PROWAG compliant pedestrian access on the north side of the roadway. Also included in this project is the pavement rehabilitation via mill and overlay, as well as full section dig-outs where subgrade failure is present.
- An ADA compliance review will be conducted to determine if existing ADA ramps at Old SR86 and Aten Boulevard can remain, as well as the two driveways with pedestrian walkways around the backside near SPRR.
- Plan Sheets will be prepared at 20-scale utilizing alignment provided by the survey team.
 - Plan sheets will combine the CMAQ and STBG projects while clearly separating the improvements for bidding and quantity tracking purposes.
 - Cover sheet will identify both projects, and plan sheets will differentiate quantities and limits as needed.
- Signing and Striping plan sheets along Aten Boulevard will be prepared identifying thermoplastic striping, wayfinding markers and the addition of 4-foot wide bike lanes on both sides of the road.

- Lane widths will be evaluated and coordinated with the City to ensure that there is adequate space in comparison to the City's needs
- The design sheets anticipated are included in the work hour spreadsheet.
- An initial review of the drainage will be completed to ensure no deficiencies exist
 - No drainage design is included as a part of this scope of work.
- Technical Specifications/Special Provisions will be provided at the 60% and 100% Submittals
 - TYP SA will separate the two sets of specifications for the City to comply with the CMAQ and STBG requirements.
- Construction Cost Estimates will be provided at the 60% and 100% Submittals.
 - TYP SA will separate the two sets of quantities for the City to ensure that each can be bid separately if needed.

BIDDING PHASE SUPPORT

TYP SA will provide the following services during the Bidding Phase:

- Prepare/Compile Bid Documents
 - Final Plans, Specifications, Bid Schedule
- Respond to Bidder Questions
- Prepare up to 5 Addenda
 - TYP SA will provide the necessary documentation for any required addenda (up to 5) prior to bid opening.
- Support bid review and recommendation of award
 - TYP SA will review the bid packages to ensure that all bidders are deemed responsive and provide a recommendation for award

CONSTRUCTION SUPPORT

TYP SA will provide the following services during the Construction Phase:

- Review and Respond to up to 10 Requests for Information (RFI's)
- Review and Respond to up to 15 Material Submittals
- Assist with Change Order Evaluations
 - TYP SA will review the requests and provide any additional information for Change Order processing by the City
- Provide any design clarifications and assist the City with Technical Questions
- Provide support for the City in regard to complying with Federal and Caltrans Requirements

FEDERAL AND CALTRANS COMPLIANCE (PRE & POST CONSTRUCTION)

TYP SA will provide the following services to assist with Federal and Caltrans Compliance for pre and post construction activities:

- Assistance with Caltrans LAPM Forms

PROJECT CLOSEOUT

TYPSA will provide the following services during the Project Closeout phase:

- Assistance with Project Closeout Documentation
- Preparation of Final Reports
 - TYPSA will compile all project documentation into one report for City filing purposes.
- Provide support for final project voucher and Caltrans closeout procedures
- TYPSA will assist with final inspection documentation in coordination with the City's inspector. This includes a final walkthrough.

SUBMITTALS

- TYPSA will electronically submit all deliverables for each submittal (60% and 100% Final PS&E). No reproducible plans will be provided.
- City of Imperial will advertise, bid and administer the construction project.

PROPOSED DESIGN SCHEDULE

TYPSA proposes the following design schedule:

- Notice to Proceed/Task Order Execution – March 4, 2026
- Design Kickoff Meeting (Virtual) – March 5, 2026
- Data Collection, Geotechnical Investigation, Survey, R/W Research – March/April, 2026
- 60% Design Submittal – April 8, 2026
- Comment Resolution Meeting/Progress Meeting No. 1 – April 16, 2026
- 100% Final PS&E Submittal (Signed/Sealed) – May 4, 2026

ASSUMPTIONS & EXCLUSIONS

- 30% and 90% submittals have been excluded from this scope of work.
- Utility relocation plans are not included in this scope of work.
- Utility Designating and Potholing (SUE Phase I and Phase II) are excluded from this scope of work. If potholes are determined to be needed during final design for clearance purposes, a contract modification will be required.
- Utility Designating Plans are not included in this scope of work.
- Drainage improvements required from deficiencies found during the initial drainage are not included in this scope of work.
- An earthwork report is not included in this scope of work.
- Public Involvement or Communication activities are not included in this scope of work.
- Environmental services and clearances, beyond the assistance identified in the scope above, are not included in this scope of work.
- Construction Inspections and Oversight, including Daily Construction Reports are not included in this scope of work.
 - If the City would like to include construction inspections, TYPASA will reach out to Dynamic Consulting Engineers to provide a scope and fee.
- City of Imperial will provide specifications for the ARHM Paving System to be included in the submittal packages.
- Exhibits for Stakeholder Meetings are not included in this scope of work.
- A traffic study is not included in this scope of work.
- A drainage report is not included in this scope of work.
- An ADA Feasibility Study is not included in this scope of work.
- Structural Analysis and Design plans are not included in this scope of work.
- Lighting Analysis and Lighting Design plans are not included in this scope of work.
- Traffic Counts are not included in this scope of work.
- An Initial Site Assessment (ISA) is included as an Allowance if the City of Imperial would like to move forward with this task.
- Removal Sheets are not included in the scope of work.
 - Removals of curb/gutter, driveways and ADA ramps will be identified on the plan sheets.
- Right-of-Way services are not included in this scope of work.
 - TCE's and additional R/W, if required, will be identified for City of Imperial to complete the necessary acquisitions
- Cross Sections are not included in this scope of work.
- The preparation of a Stormwater Pollution Prevention Plan (SWPPP) document to be used for submittal with a Notice of Intent (NOI) to regulatory agencies on behalf of owner or operator is not included in this scope of work.
- Erosion Control Plans/SWPPP are not included in this scope of work.
 - Erosion Control Plans will be items included in the bid schedule and will be the responsibility of the contractor.
- Traffic Control Plans are not included in this scope of work.
 - Traffic Control/Maintenance of Traffic will be items included in the bid schedule and will be the responsibility of the contractor.

Firm: TYP SA, Inc.
 501 N. 44th Street, Suite 300
 Phoenix, Arizona 85008
 Phone: (602) 454-0402

Project Name: City of Imperial On-Call
 Civil Engineering
 AZTEC Proj. No. CAMUN2411
 Task Order No. 1
 Contract Modification No. N/A
 CMAQ Phase III Sidwalks
 and STBG Pavement
 Task Order Name: Rehabilitation Projects,
 Aten Boulevard- Old
 SR86 to SPRR
 Rev. No: 0

DERIVATION OF COST PROPOSAL
 (Round Figures to the nearest \$1.00)
Estimated Direct Labor

Classification	Estimated Person-Hours	Bill Rates	Labor Costs
Senior Air and Noise Specialist	20	\$ 295.00	5,900.00
Project Manager	92	\$ 245.00	22,540.00
Senior Project Engineer	281	\$ 230.00	64,630.00
Senior Designer	256	\$ 150.00	38,400.00
Total	649		131,470.00
Subtotal Estimated Labor			\$ 131,470

Estimated Direct Expenses

(Listed by Item at Estimated Actual Cost -- No Mark-up)
 (See Direct Expense Documentation)
TOTAL DIRECT EXPENSES

	\$ 706
Subtotal Direct Expenses	\$ 706

Allowances

Caltrans Initial Site Assessment (ISA)	\$ 7,500
Subtotal Allowances	\$ 7,500

Sub Consultants

Dynamic Consulting Engineers (Survey and Mapping)	\$ 12,000
Landmark Consultants (Geotechnical and Pavement Design)	\$ 18,200
Subtotal Estimated Sub Consultants	\$ 30,200

Total Estimated Cost (Labor + Direct + Allowances + Sub Consultants) **\$ 169,876**


 Signature

2/26/2026
 Date

TYP SA, Inc. CMAQ PHASE III SIDEWALKS AND STBG PAVEMENT REHABILITATION PROJECTS ON ATEN BOULEVARD PROPOSED SHEET COUNT AND HOURS PER SHEET									
TASK ORDER REQUEST	SCOPE ITEM DESCRIPTION	SCALE	NO. SHTS.	HRS/SHT	TOTAL HOURS	Senior Air and Noise Specialist	Project Manager	Senior Project Engineer	Senior Designer
	PROJECT MANAGEMENT AND COORDINATION								
	Coordination with City Staff				12		12		
	Project Meetings (Up to 3 Progress Meeting and 1 Comment Resolution Meeting w/ 2 ppl) Including Meeting Agendas and Notes. Includes Initial Site Visit				20		16		4
	Assistance with required Caltrans Local Assistance Documentation and Federal Forms				24		24		
	General Project Management and Coordination (4 hours/week for 10 weeks)				40		40		
	Quality Assurance/Quality Control				80			80	
	SUBTOTAL - PROJECT MANAGEMENT AND COORDINATION		0		176	0	92	80	4
	ENVIRONMENTAL, AUTHORIZATION SUPPORT AND PRE-DESIGN								
	Environmental Clearance Support				12	12			
	Assistance of Preparation of Required Documentation for Federal Authorization, Including E-76 and Related Approvals				12	8		4	
	Utility Coordination (Dig Alert, Obtain Available Records, 60% Conflict Reviews, Base File)				20			12	8
	SUBTOTAL - ENVIRONMENTAL, AUTHORIZATION SUPPORT AND PRE-DESIGN		0		44	20	0	16	8
	PLANS, SPECIFICATIONS, & ESTIMATES (PS&E)								
	Improvement Plans (60% and 100%)								
	- Cover Sheet		1	8	8				8
	- General Notes and Legend		1	8	8				8
	- Typical Sections and Design Data		1	12	12				12
	- Detail Sheets (Standard Details)		2	6	12				12
	- Roadway Plans (Includes Removals, Double Stacked)	20	2	30	60				60
	- Signing and Striping Plan Sheets		2	16	32				32
	- Horizontal Control/Staking Plans for Ramps		4	15	60				60
	Specifications (60% and 100%)				24			24	
	Construction Cost Estimate (60% and 100%) and Quantity Backup				48			8	40
	SUBTOTAL - PLANS, SPECIFICATIONS, & ESTIMATES (PS&E)		13		264	0	0	32	232

TYP SA, Inc. CMAQ PHASE III SIDEWALKS AND STBG PAVEMENT REHABILITATION PROJECTS ON ATEN BOULEVARD PROPOSED SHEET COUNT AND HOURS PER SHEET									
TASK ORDER REQUEST	SCOPE ITEM DESCRIPTION	SCALE	NO. SHTS.	HRS/SHT	TOTAL HOURS	Senior Air and Noise Specialist	Project Manager	Senior Project Engineer	Senior Designer
BIDDING PHASE SUPPORT									
	Preparation of Bid Documents				12			12	
	Respond to Bidder Questions				12			8	4
	Prepare Addenda				12			8	4
	Support Bid Review and Award Recommendations				8			8	
	SUBTOTAL - BIDDING PHASE SUPPORT		0		44	0	0	36	8
CONSTRUCTION SUPPORT									
	Review and Respond to up to 10 RFI's				14			10	4
	Review and Respond to up to 15 Material Submittals				15			15	
	Assist with Change Order Evaluations				8			8	
	Provide Design Clarifications and Assist City with Technical Questions				8			8	
	Support Compliance with Federal and Caltrans Requirements				8			8	
	SUBTOTAL - CONSTRUCTION SUPPORT		0		53	0	0	49	4
FEDERAL AND CALTRANS COMPLIANCE									
	Assistance with required Caltrans LAPM Forms				20			20	
	SUBTOTAL - FEDERAL AND CALTRANS COMPLIANCE				20	0	0	20	
PROJECT CLOSEOUT									
	Assistance with Project Closeout Documentation				8			8	
	Assistance with the preparation of Final Reports				12			12	
	Support Final Voucher and Caltrans Closeout Procedures				12			12	
	Assistance with Final Inspection Documentation, including Final Walkthrough				16			16	
	SUBTOTAL - PROJECT CLOSEOUT				48	0	0	48	0
TOTAL TASK ORDER REQUEST			13		649	20	92	281	256

TYP SA, INC.
 CMAQ PHASE III SIDEWALKS AND STBG PAVEMENT REHABIL IATION PROJECTS ON ATEN BOULEVARD

DIRECT EXPENSE DOCUMENTATION

MILEAGE (PRIVATE VEHICLE)

	<u>Est. Miles/ Round Trip</u>	<u>No. of Trips</u>	<u>Total Miles</u>
496.4 miles/trip = 248.2 miles each direction			
Personal Mileage (Site Visit, Final Walkthrough)	504	2	1008
Total Mileage			1008

TOTAL MILEAGE COST @ \$0.70/MILE:	\$706
--	--------------

TOTAL DIRECT EXPENSES	
MILEAGE (PRIVATE VEHICLE)	\$706
TOTAL DIRECT EXPENSES	\$706



501 N 44th St, Phoenix, AZ 85008 to 390 W Aten Rd, Imperial, CA 92251

Drive 252 miles, 3 hr 49 min



Imagery ©2026 NASA, Map data ©2026 Google, INEGI 20 mi

501 N 44th  Your destination is in a different time zone.

St
Phoenix,
AZ 85008

Get on I-10 W from Historic U.S. 80/E Van Buren St



February 24, 2026

TYPSA

501 N 44th Street, Suite 300
Phoenix, AZ 85008

Attn: Jack Fleming, P.E., Arizona Roadway Group Lead/Associate Vice President

Subject: Proposal for Surveying and Mapping services for Aten Road between SR86 and UPRR.

Dynamic Consulting Engineers Inc (DCE) is pleased to present this cost proposal for surveying services for the above-mentioned project.

DCE will assist TYPSA with land surveying and the preparation of a topographic base map showing existing contours, existing infrastructure within the location of the project site.

SCOPE OF WORK:

The following scope of work describes the proposed work and fees for the above-described project:

Task	Description	Proposed Fee
1	FIELD TOPOGRAPHIC AND MAPPING SURVEY – DCE will prepare the topographical and mapping survey for each location shown on Attachment (Aten Road Survey Request, prepared by TYPSA) within the streets rights-of-way. The topographical survey will cover all the requested items in said attachment. The survey will be tied to City of Imperial or Imperial County benchmark system. DCE will set aerial targets and establish three Benchmarks for the project site. DCE will provide an Orthophoto (pending FAA authorization) of the project site in the same coordinate system as the field survey. The aerial flight will be scheduled for a day and hour where said streets will have the least traffic volumes or parked vehicles to obstruct the photography. Topographic survey shots will be taken as shown on the attached exhibit. The field survey will be perform using a Total Station (Trimble SX-12).	\$ 5,760.00
2	BASE MAP and UTILITY RESEARCH – DCE will prepare a base map at a scale of 1" =20' which reflects right-of way, and any physical features for the project site. The base map will reflect the location of all utilities that are visible (poles, manholes, water valves cans, meter boxes, electrical cabinets, etc. Also, any markings from Dig Alert will be observed as well. Surface for project site will be provided.	\$ 4,800.00

4	SUPPLEMENTAL FIELD SURVEY – DCE will include 8-hours of supplemental topo or hard shots with level if needed by the Engineer at critical locations.	\$1,440.00
Surveying Total:		\$ 12,000.00

- Base Map will be created at a scale of 1" = 20'
- Files will be delivered in AutoCAD 2025 or higher.
- Deliverables will include:
 - ◆ Orthophoto (Pending FAA approval)
 - ◆ 2D Topographic Base Mapping with Existing R/W line work
 - ◆ 3D Surface
 - ◆ Field notes, cut sheets, Control Data and Survey Report.

COST PROPOSAL

DCE will provide the services mentioned in the scope of work for a lump sum fee of **\$12,000.00.**

Again, thank you for giving Dynamic Consulting Engineers, Inc (DCE) the opportunity to serve you.



David Beltran, P.L.S.
Survey Manager

Aten Road Survey Request:

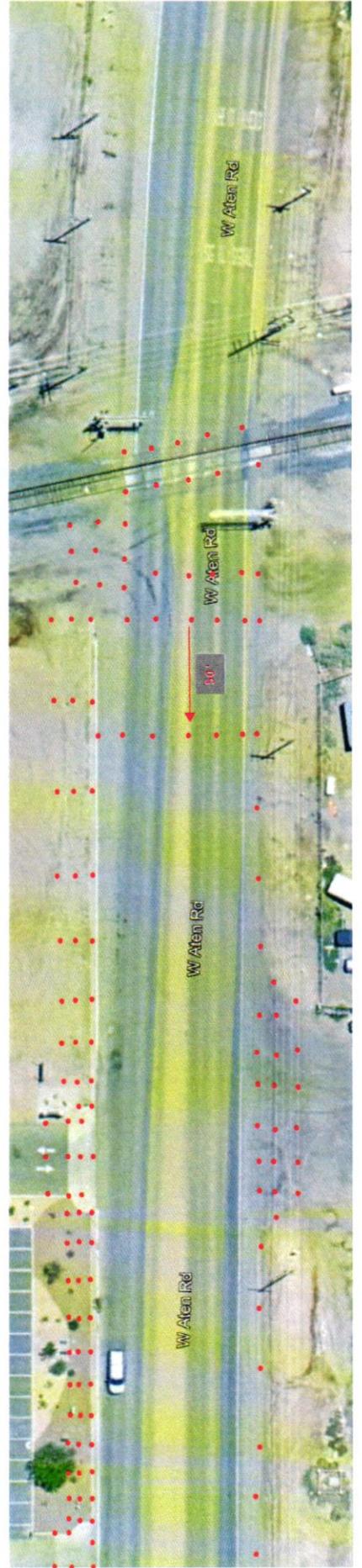
- All curb and gutter
 - Back of Curb, Top of Curb, Flow Line, Lip of Gutter
 - All intermediate Points on curves
 - Existing ADA Ramps at SR86/Aten
- Existing Ground behind existing Curb/Gutter (north side)
 - Cross Sections for S/W design
- Existing Ground behind edge of pavement (south side)
 - Pick up any fence lines
- All driveways and shots in the middle for cross slopes
 - 25' beyond the driveway for tie-in purposes
- All landscaping features that fall within the proposed survey area
 - Shrubs, plants, boulders,
- Any other visible items that should be picked up
 - Mailboxes, permanent signs, traffic signs, fences, gates, railroad tracks, bollards,
- All visible utility appurtenances
 - Manhole Frames/Covers
 - Valve Can Covers
 - Hand holes and pull boxes
 - Hydrants
 - Signal Poles
 - Utility Poles
 - Light poles and foundations
 - Guy Wires
 - Pedestals
 - Electrical Meters
 - Cabinets and walkways leading to them
 - Traffic Loops
 - Gas Line Markers (record offsets if listed)
- Roadway Cross Sections (Every 50')
 - Edge of Pavement, Edge Striping, Lane Striping/Buttons, Roadway Crown

Deliverables:

- Ortho Images at 20 Scale
- 2D Topographic Base Mapping with Existing R/W Line work included
- 3D Surface
- Field Notes, Cut Sheets, Control Data and Survey Report

Include up to 8 hours of additional supplemental topo and data processing if needed.

Total Station/Level Loop desired for Sidewalk Design/Curb and Gutter areas





780 N. 4th Street
El Centro, CA 92243
(760) 370-3000
(760) 337-8900 fax

77-948 Wildcat Drive
Palm Desert, CA 92211
(760) 360-0665
(760) 360-0521 fax

February 25, 2026

Mr. Jack Flemming, PE
TYP SA US
501 N. 44th Street, Suite 300
Phoenix, AZ 85008

**Proposal for Pavement Study
Aten Road from SR86 to UPRR
Imperial, California
*LCI Proposal No. L26-041G***

Dear Mr. Flemming:

Landmark Consultants, Inc. is pleased to provide this proposal for pavement section investigation on Aten Road between SR 86 (Imperial Avenue) and the Union Pacific Railroad tracks in southern Imperial, California. The City of Imperial has requested that the existing asphaltic pavement sections be determined and recommendations for rehabilitation or reconstruction of the existing pavement structural sections. Recommendations for driveway/sidewalk replacement is also requested.

SCOPE OF SERVICES

The field investigation will consist of coring through the existing asphaltic concrete structural section (4 locations) to an approximate depth of 3 feet below the surface of the pavement. The bore locations will be premarked and USA Underground Alert notified prior to conducting any work in the roadway. Traffic control (2 flagmen) will be utilized during the roadway drilling.

Borings will be advanced through the pavement with a truck-mounted, CME 75 drill rig using 8-inch diameter, hollow-stem, continuous flight augers. A professional engineer will observe the drilling operations and maintain a log of the soil encountered and sampling depths, visually classify the soil encountered during drilling in accordance with the Unified Soil Classification System, and obtain drive tube and bulk samples of the subsurface materials at selected intervals. Borings will be backfilled with auger cuttings and asphalt cold patch after drilling is completed.

ENGINEERING ANALYSES AND REPORT

We will provide one (1) pdf of our pavement evaluation report that describes the work performed, the roadway structural layers and subsurface soils encountered, and presents the findings of our work, along with professional opinions regarding new roadway structural sections for the anticipated traffic. Our report will address the following:

- USCS classification of subgrade soil
- Pavement structural section design criteria
 - Cold-in Place
 - Full Depth Reclamation
 - Conventional Structural Section
 - Geogrid reinforced base
 - Mill and fill

FEE

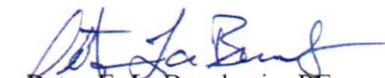
The fee for the services described above follows:

Pavement Investigation	\$10,700
City of Imperial Encroachment Permit (Traffic Control Plan)	\$2,800
Traffic Control signage/cones	\$4,700

The fees do not include: environmental studies, consultation during design, design meetings, construction services and any public agency fees for encroachment permits. It is our understanding that State prevailing wages will be applied to all field work. The fee does not include any costs for environmental studies or plan review during project design. The proposal is valid for 90 days from proposal date. Additional services will be provided in accordance with our fee schedule rates, which are current when the additional services are requested. The opportunity to provide professional services for project design is appreciated. ***The fee is due within 30 days of issuance of the report.***

Our field work will normally commence after approval for drilling, approximately 3 weeks after receiving authorization to proceed, depending on the weather and site conditions. The report will be submitted approximately one week after completion of the field work.

Sincerely Yours,
Landmark Consultants, Inc.


Peter E. LaBrucherie, PE
Principal Engineer