Newport Mesa Unified School District
Pavement Assessment and Management Plan 103-22

Prepared by: Kimley-Horn
Prepared for: Newport-Mesa Unified School District
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TRANSMITTAL COVER LETTER

Jonathan Geiszler
Director, Purchasing and Warehouse
Newport Mesa Unified School District
Purchasing Department
2985 Bear Street, Building A
Costa Mesa, CA 92626

Re: Request for Proposals for Pavement Assessment and Management Plan

Dear Mr. Geiszler and Members of the Selection Committee:

Kimley-Horn is thrilled about the opportunity to partner with the Newport Mesa Unified School District (District) to provide pavement management and ADA accessibility services. We have assembled a uniquely qualified team of pavement and engineering professionals to serve the District. Our team brings a proven track record of developing pavement management programs (PMPs), pavement maintenance and rehabilitation recommendations, and ADA accessibility programs across Southern California and nationwide.

We combine this specific project experience with a national reputation for providing outstanding client service, superior technical excellence, and effective project management. Kimley-Horn has 580 professional and technical employees statewide, with ample resources to serve clients responsibly from 11 California offices, including our local office in Orange. We have been providing a variety of services for education clients since we were founded 54 years ago. We understand that the District expects high quality services with minimal impact on staff time, and we commit to meeting and exceeding your expectations. We are ready to serve the District and the families you serve by providing practical, actionable work products.

As you review our proposal, please note the following highlights:

- **Experienced and Local Team.** Our project manager, Tim Miller, P.E., has 15 years of focused experience in pavement engineering and design, pavement management program implementation, and data collection. Tim and principal-in-charge, Sherry Ranta, P.E., ENV SP, have served as project managers for numerous similar projects throughout the area. With multiple offices in Southern California, including Orange and Los Angeles, we will leverage our local familiarity and existing relationships to ensure that this program is delivered on time and within budget.

- **Responsiveness and Timeliness.** We understand the District's timeline to deliver this project and are committed to meeting it. We know that when the District calls upon our team, we will respond to these requests with the utmost priority. We commit to being available to attend meetings on short notice. Our team is set up to accommodate this type of responsiveness.

- **Pavement and Asset Management Excellence.** In completing this work, we have developed expertise in executing pavement condition assessments, integrating data, and generating data-driven budget analyses that ultimately support our clients in obtaining funding. This experience allows us to support the District in developing a practical, customized PMP that will serve the District for years to come. Our partnership with MZM Consulting ensures that accessibility considerations will be factored into our recommendations, resulting in a holistic, needs-driven assessment.

By choosing Kimley-Horn as your consultant, you capitalize on our team’s multidisciplinary experience, extensive resources, and proven ability to think of your needs first as we help you develop effective solutions for your pavement improvement projects. Our local team is dedicated to meeting the needs of the District and is willing to comply with the procedures identified in the RFP. If you have any questions regarding our proposal, please contact Tim at 916.571.1015 or timothy.miller@kimley-horn.com.

Sincerely,

Kimley-Horn and Associates, Inc.

Timothy Miller, P.E.
Project Manager

Sherry Ranta, P.E.
Principal-in-Charge and Authorized Signer
EXECUTIVE SUMMARY

Kimley-Horn has been providing pavement evaluation and pavement management services since 1991. Each year, we evaluate hundreds of parking lot, roadway, commercial, industrial, and airfield pavement networks across the country to deliver our clients objective data that is used to develop multi-year master plans and capital improvement programs. This work is our passion, and our team brings national leadership and local familiarity to the District. Many of our staff live in the District and send our children to District schools. This work matters to us because it impacts our families, our children, and our communities.

We understand that the primary objective of this project is to assess pavement and accessibility conditions across the District’s network of parking lots, access roads, and other paved facilities in order to provide maintenance and repair (M&R) recommendations in the form of a five-year master plan. Developing a comprehensive improvement plan, including a full ADA accessibility review, requires a thoughtful approach to data collection and maintenance program development to strategically prioritize improvements across the pavement network while accounting for both needs and costs. Ensuring that projects identified through this program can be funded in accordance with District guidance allows District leadership to make informed, justified decisions that are fair, equitable, and backed by sound engineering judgment.

Implementing a pavement management program that translates into actionable pavement improvement projects requires a strong partnership with the District. Too often pavement management programs result in funding recommendations that are much greater than what an agency can afford. While desperately needed, projects go unfunded because the pavement management plan has not properly accounted for agency constraints and costs, making project delivery unattainable.

With this context in mind, we recognize several key objectives of this pavement management program:

- Convene District stakeholders to understand current maintenance practices and goals while recognizing ongoing challenges that must be overcome to successfully deliver the project
- Collect, analyze, and understand pavement conditions across the District’s 32 facilities in accordance with ASTM D6433 standards and Pavement Condition Index (PCI) protocols
- Conduct an accessibility review using CASp-certified professionals to develop an ADA transition plan
- Implement a Pavement Management System software solution that provides a simple-to-use tool for analyzing pavement maintenance and repair investment scenarios and outcomes
- Reach consensus on near- and long-term sustainable pavement management strategies
- Provide the training, tools, and support that will allow the District to make actionable, data-driven maintenance and repair decisions

Our understanding of these key objectives and our focus on engaging the District’s stakeholders will position our team to deliver a comprehensive pavement management program through exceptional client service.

At the end of this project, the District can expect the following key outcomes:

- Knowledge of pavement conditions and accessibility concerns throughout the District, supported by an updated PMS database, reports, and maps
- A documented process that allows the District to implement and maintain a PMS that is appropriate for the unique conditions of the District
- A clear vision of maintenance funding requirements so that the District can make informed budgetary decisions moving forward
**PERSONNEL**

Kimley-Horn has assembled a team of engineering professionals with the experience and availability to serve the District on this pavement management program. A list of our key staff members—including a breakout of team members responsible for various elements of the project—appear on the organizational chart below. Resumes for proposed key team members are provided starting on page three.

For this project, **Tim Miller, P.E.**, will serve as our proposed project manager and brings 15 years of experience working with clients to implement pavement management programs and conduct pavement condition assessments. Tim is a national leader in pavement management program implementation, having completed hundreds of assessments for clients across the country. As project manager, Tim will serve as a primary point of contact, coordinate all work tasks, and facilitate interactions with the project team and District personnel.

We rely on a talented group of pavement specialists to deliver impactful pavement management programs. Our engineers and analysts are trained in the Pavement Condition Index (PCI) method and hold pavement rating credentials obtained from rigorous training programs. Our team also holds Certified Accessibility Specialist (CASp) certification and are industry leaders in Southern California. Our core team is presented in the organizational chart below and is ready to serve you immediately upon notice to proceed.

**SUBCONSULTANTS**

**MZM Consulting**

MZM Consulting is a local small business that solely specializes in accessibility consulting, expert witness services, ADA site surveys, ADA transition plans and accessibility plan review. MZM Consulting has over 21 years of experience, specializing in the public institutional and educational sectors. The firm also performs a majority of its work in the public works arena. Their team understands not only what the building code dictates, but how to achieve it, and where pitfalls in the public works legal processes exist, especially in the specialty design of educational facilities. The experience of MZM Consulting’s principal as a code official for state educational agencies has allowed MZM Consulting to become an expert in multiple areas of the building code, and offers their team the ability to see the bigger picture in how accessibility impacts other areas of design (e.g., fire and panic, commissioning). The team brings prior valuable experience and relationships working directly with DSA accessibility plan reviewers and understands the current interpretations implemented by DSA as it relates to accessibility.

**2R Drilling**

2R Drilling Inc. performs drilling services for geotechnical and environmental clients throughout Southern California. With a history extending over 43 years, 2R Drilling is a trusted partner that has a long record of providing geotechnical sampling services safely and efficiently for hundreds of public and private clients. As a member of our team, 2R Drilling will be responsible for all coring, logging, and patching of core holes.
Tim Miller, P.E.
Project Manager

Tim is an experienced project manager and pavement engineer who brings a deep pavement engineering and quality management background to the team. Throughout his 15-year professional career, Tim has focused on pavement condition evaluation and pavement management system implementation for a diverse group of clients including private clients, public agencies of all sizes, state DOTs, the Department of Defense, commercial airports, and intermodal facilities.

Having personally conducted hundreds of pavement condition assessments and implemented pavement management programs for dozens of clients, Tim is acutely aware of how pavement condition data drives the decision-making process. His work has resulted in the development of multi-million dollar capital improvement programs. Tim is a national leader in providing pavement engineering services and currently serves in a leadership position on the Transportation Research Board’s Committee on Pavement Condition Evaluation (AKP10).

RELEVANT EXPERIENCE

- Pavement Management Program Implementation, Artesia, CA
- Pavement Management Program Implementation, Malibu, CA
- City of Hollister Pavement Condition Assessment, Hollister, CA
- Pavement Management System Study, Yuma County, AZ
- Pavement Management Study, Saddlebrooke HOA2, Oro Valley, AZ
- Pavement Management Program Implementation, Fairfield, CA
- Reservation Road Pavement Rehabilitation, Marina, CA
- Union City Boulevard Rehabilitation, Union City, CA
- Greenback Boulevard Pavement Rehabilitation, Citrus Heights, CA
- Broadway Transit and Pedestrian Safety Improvement Project, Oakland, CA
- East 12th Street Pavement Rehabilitation, Oakland, CA
- Transportation Asset Data Collection Services, Lone Tree, CO
- Mead Pavement Management Program, Mead, CO
- Pavement and Sidewalk Condition Assessment, Manchester, NH
- Pavement Condition Assessment, Northport, AL
- Pavement Condition Assessment, Anniston, AL
- Pavement Management Services, Ennis, TX
- Pavement Condition Assessment, Clear Creek County, CO
- Pavement Asset Management, Highland Park, TX
- Citywide Pavement Management System Program Update, Medley, FL
Sherry is an experienced civil engineering principal-in-charge in California with nearly 16 years of experience on major building projects throughout Southern California, including ADA site updates as well as facilities for primary and secondary schools, colleges, and universities. She effectively interfaces with clients, supervises, and coordinates work with other engineers and drafters, and is responsible for project design and production, overall project coordination, and construction administration. Her background in architecture and construction management gives her a thorough understanding of design and construction and can contribute value engineering services that enhance the project’s design and positively affect the budget and schedule.

**RELEVANT EXPERIENCE**

- Newport Mesa Unified School District, Andersen Elementary School ADA Upgrade and Ramp Replacement, Newport Beach, CA
- Long Beach Unified School District, Lakewood High School Track and Field, Lakewood, CA
- Santa Monica Malibu Unified School District, Santa Monica High School, Santa Monica, CA
- Los Angeles Unified School District, Valley Region Middle School #3, Los Angeles, CA*
- Los Angeles Unified School District, South Region Middle School #7, Los Angeles, CA*
- Los Angeles Unified School District, South Region High School #7, Los Angeles, CA*
- Los Angeles Unified School District, Valley Region High School #3, Los Angeles, CA*
- Bright Star Schools, Rise Kohyang Middle School, Los Angeles, CA
- Los Angeles Community College District, Pierce College Mall, North of Mall Renovation, Los Angeles, CA
- Los Angeles Community College District, Agriculture Science Building and Parking Lot B, Los Angeles, CA
- South Orange County Community College District, Irvine Valley College Health Science Center, Irvine, CA
- South Orange County Community College District, Saddleback College Advanced Science and Technology Building, Mission Viejo, CA
- South Orange County Community College District, Saddleback College Tennis Center and Connector Road, Mission Viejo, CA
- South Orange County Community College District, Saddleback College Gateway Building, Mission Viejo, CA
- University of California, Irvine, Middle Earth Housing Expansion, Irvine, CA
- University of California, Irvine, Interdisciplinary Science Building, Irvine, CA
- Los Angeles Community College District, East Los Angeles College Master Plan, Los Angeles, CA*
- Los Angeles Community College District, Los Angeles Valley College Library, Los Angeles, CA*
- Los Angeles Community College District, Los Angeles Valley College Student Services Center, Los Angeles, CA*
- Santa Monica Community College District, Santa Monica College Student Services Center, Santa Monica, CA*

*Prior to joining Kimley-Horn
Shea Anti, P.E., QSD/P
QC/QA Manager

Shea has more than 17 years of experience in civil design as well as program management experience on national commercial projects. He has led projects across multiple programs including Pilot, CVS, Chase, Taco Bell, McDonalds, Bloom Energy, and Panera. Shea has experience with construction documents, path of travel reports, SWPPPs, and WQMPs. Specifically, Shea has nearly 10 years of experience with accessibility review, design, and construction. His historical project scope includes capital improvement projects, large scale water/wastewater treatment plant expansions, large scale transportation projects and utility design. He also has background with surveying, planning, inspection and resident engineering as well as Subsurface Utility Engineering. Shea is currently in the process of becoming CASp certified and serves as a subject matter expert performing training on accessibility/path of travel within Kimley-Horn.

RELEVANT EXPERIENCE

- Palm Springs Unified School District, Rio Vista Topographic Survey and Civil Engineering Services, Cathedral City, CA
- Palm Springs Unified School District, Cathedral City Elementary School, School Modernization of Bus Drop Off Points, Palm Springs, CA
- Palm Springs Unified School District, Katherine Finchy Elementary School, School Modernization of Bus Drop Off Points, Palm Springs, CA
- Palm Springs Unified School District, Two Bunch Palms Elementary School, School Modernization of Bus Drop Off Points, Palm Springs, CA
- Imagine School Hemet, Site Civil Engineering, Hemet, CA
- Lewis Center for Education Research, Entitlement and Engineering Services, Apple Valley, CA
- Head Start School, Entitlement and Engineering Services, San Bernardino County, CA
- Norton Science and Language Academy, Entitlement and Engineering Services, Apple Valley, CA
- Chase Bank, National Accessibility Barrier Removal Program, Multiple Locations, CA
- McDonald’s, Path of Travel Remediation Projects, Multiple Locations, CA
- Target, Remodel Program including Barrier Removal, Multiple Locations, CA
- CVS, Path of Travel Program, Multiple Locations, CA
- Kimco, Pavement Rehabilitation Program and Path of Travel, Multiple Locations, CA
- 9th and Vineyard, Regrading and Redesign Path of Travel, Rancho Cucamonga, CA
- Central Commerce Center, Full Design Path of Travel Program, San Bernardino, CA
- City of Holtville Street Rehabilitation Project, Holtville, CA*
- City of Holtville Fern Avenue Improvements, Holtville, CA*
- Highway 111/Main Street Improvement, City of Calipatria*
- City of Holtville Street Rehabilitation, Holtville, CA*
- Highway 111 Beatification Project, Calipatria, CA*
- Street Rehabilitation and Beautification for Highway 111, Calipatria, CA*

*Prior to joining Kimley-Horn
Danielle Taylor, EIT
Project Analyst

Danielle Taylor is a civil analyst with four years of experience on major developments in Southern California. She has a strong background in both K-12 and higher education, healthcare, residential, and traffic projects with a focus on large scale and detailed grading design. Danielle provides civil engineering design for off-site and on-site utilities, grading, drainage, stormwater management, site layout, and other site improvement plans. Her work includes preparation of construction documents, opinion of probable costs, due-diligence reports, and B-Permit plans.

RELEVANT EXPERIENCE

- Long Beach Unified School District, Lakewood High School Track and Field, Lakewood, CA
- Long Beach Unified School District, Bancroft Middle School HVAC Mod, San Leandro, CA
- Santa Monica Malibu Unified School District, Santa Monica High School, Phase 3 Digital Art/Media Building and Gymnasium, Santa Monica, CA
- South Orange County Community College District, Saddleback College, Advanced Science and Technology Building, Mission Viejo, CA
- South Orange County Community College District, Saddleback College, Tennis Center and Connector Road, Mission Viejo, CA
- South Orange County Community College District, Saddleback College, Gateway Building, Mission Viejo, CA
- South Orange County Community College District, Saddleback College, Connector Road, Mission Viejo, CA
- South Orange County Community College District, Irvine, Irvine Valley College Library Improvements, Mission Viejo, CA
- Los Angeles Community College District, Pierce College Mall, North of Mall Renovation, Los Angeles, CA
- Los Angeles Community College District, Pierce College Mall, Agriculture Science Building and Parking Lot 8, Los Angeles, CA
- Cedars-Sinai Marina Del Rey, Hospital Master Plan, Short-Term Projects, and Replacement Hospital, Marina Del Rey, CA
- Cedars-Sinai Marina Del Rey, Lincoln Parking Lot, Marina Del Rey, CA
- Cedars-Sinai Marina Del Rey, Off Site Improvements, Marina Del Rey, CA
- LAC+USC Women’s and Children’s Hospital Demolition Bridging Documents, Los Angeles, CA
Mark Zakhour has worked in the Southern California Public Works market for the last 20 years of his career. He is a well-known expert in the field of access consulting, which is distinctively balanced with a career involving the successful executive leadership of complex public projects representing the owner. Mark is an accomplished code professional currently serving as the Deputy Building Official for a large state agency. He also brings valuable litigation and expert witness experience in the field of accessibility consulting.

Mark Zakhour, CASp, LEED AP
Principal – MZM Consulting

RELEVANT EXPERIENCE

- SOCCCD Saddleback Athletics Stadium; Mission Viejo, CA: Certified Access Specialist Services for a design-build construction of a new 8,000 seat athletic stadium, 11 support buildings, bleacher grandstands, and 3 practice athletic fields at Saddleback College. Performed extensive site surveys of pavement, buildings, path of travel; accessible design work and building inspection.

- CSULB Campus Wide ADA Improvement Project; Long Beach, CA: Certified Access Specialist Services and Deputy Building Official for the collaborative design-build campus wide exterior accessible improvement survey and upgrades at California State University, Long Beach. This project involved an extensive survey of all exterior parking and path of travel on the 322-acre campus that serves over 40,000 students with over 6,000,000 square feet of building area. An exterior ADA transition plan was created as a result of the survey exercise on this project.

- Marin Health Medical Center New Hospital; Greenbrae, CA: Certified Access Specialist Services for the design-bid-build new construction of the Marin Health Medical Center. This is the new construction of a new 260,000 GSF, 5-level operational hospital with surgical suites, laboratories, emergency rooms and patient beds with all associate site work. CASp services included design document plan review, building and site surveys and expert ADA consulting services.

- CSU Long Beach- Hall of Science; Long Beach, CA: Construction of a new 165,000 square foot science facility that was inclusive of various disciplines within this area of study. This project included two 180 seat lecture halls, 80 seat classrooms, vivarium, marine biology wet labs, radioactive storage, H occupancy flammable storage, machine shops, chemistry and biology labs, NMR, rooftop greenhouses, astronomy pads, seismograph for USGS, clean rooms and more. This project has achieved LEED Silver.
**LICENSES**

The key personnel assigned to this project have the necessary professional licenses to meet project requirements. We have summarized those licenses below.

<table>
<thead>
<tr>
<th>Name</th>
<th>Years of Experience</th>
<th>License/Certification and Number</th>
<th>Licensing Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tim Miller, P.E.</td>
<td>15 years</td>
<td>Professional Engineer, California, #82327</td>
<td>California Department of Consumer Affairs, Board for Professional Engineers, Land Surveyors, and Geologists</td>
</tr>
<tr>
<td>Sherry Ranta, P.E., ENV SP</td>
<td>16 years</td>
<td>Professional Engineer, California, #77729, Envision Sustainability Professional</td>
<td>California Department of Consumer Affairs, Board for Professional Engineers, Land Surveyors, and Geologists, Institute for Sustainable Infrastructure</td>
</tr>
<tr>
<td>Shea Anti, P.E., QSD/P</td>
<td>17 years</td>
<td>Professional Engineer, California, #78274, Qualified SWPPP Developer/Practitioner, California, #24657</td>
<td>California Department of Consumer Affairs, Board for Professional Engineers, Land Surveyors, and Geologists, California Stormwater Quality Association</td>
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<td>Danielle Taylor, EIT</td>
<td>4 years</td>
<td>Engineer-in-Training, California, #165991</td>
<td>California Department of Consumer Affairs, Board for Professional Engineers, Land Surveyors, and Geologists</td>
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<tr>
<td>Mark Zakhour, CASp, LEED AP</td>
<td>21 years</td>
<td>DSA Certified Accessibility Specialist (CASp), #354, LEED, Accredited Professional</td>
<td>Certified Access Specialist Institute (CASI), U.S. Green Building Institute</td>
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<tr>
<td>Kimley-Horn</td>
<td>N/A</td>
<td>MTC StreetSaver Rater Certification Program, #1205</td>
<td>Metropolitan Transportation Commission (MTC)</td>
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</table>
UNDERSTANDING OF PROJECT

Our understanding of the project is captured in the following work breakdown structure and organized by task. Required and suggested deliverables are also itemized for each task.

**Task 1: Kick-Off Meeting, Project Management, and Reporting**

Proactive and responsive communication between Kimley-Horn and the District will drive this task and the overall success of the project. We will work with the District’s Maintenance and Operations Department to host a kick-off meeting to clearly identify project goals, finalize the work plan, set schedule milestones, and review field operations.

Our team will engage the District on a consistent basis to provide regular updates on progress, schedule, and budget. We will increase our level of communication as we mobilize to the field to ensure a safe, low-impact data collection effort at each school. We will maintain a high level of coordination throughout the project, which will culminate in periodic review meetings with District staff and a presentation to District staff at the end of the project, if desired.

**Task 2: Risk Management**

To ensure safe execution of the program, Kimley-Horn will work with the District to provide proper insurance documentation related to general liability, workers’ compensation, and auto insurance. Kimley-Horn will also prepare a Task Hazard Analysis for each site that identifies hazards and precautions to control the hazard. Kimley-Horn will work with its subconsultants while on-site to ensure that risks are appropriately mitigated and that operations impact school operations as minimally as possible.

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**Worker Sign On**

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<th>Name (Please Print)</th>
<th>Signature</th>
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I participated in the development and understood the impact of this Task Hazard Analysis.

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**Task Hazard Analysis Form**

- Emergency Meeting/Assembly Area
- Emergency Contact Info
- Emergency Radio Channel

**Visitor Sign On**

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<tr>
<th>Name (Please Print)</th>
<th>Signature</th>
<th>Time</th>
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**Risk Rating Matrix**

- **Probability**
  - Likely
  - Possible
  - Occasional
  - Rare
  - Improbable

- **Severities**
  - Catastrophic
  - Critical
  - Major
  - Moderate
  - Minor

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**Task 1 Deliverables**

- Kick-off meeting, including agenda and meeting minutes
- Updated project schedule
- Monthly status updates

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**Task 2 Deliverables**

- Acknowledgement and provision of insurance documentation
- Task Hazard Analysis for each site
Task 3: Data Collection and Reporting

In Task 3, we will review District records and collect pavement condition and accessibility data to transform this information into meaningful maintenance and repair recommendations. We will utilize available record drawings, GIS files, work history records, and other information to understand the history of related infrastructure improvements across the District’s network of schools. This review will result in recommendations for geospatial updates to the pavement network based on recent work history and help prepare the field team for low-impact and efficient data collection.

After confirming the pavement network, we will conduct visual pavement condition surveys in accordance with ASTM D6433 and StreetSaver™ standards to develop Pavement Condition Index (PCI) values for each pavement area. Kimley-Horn has created a customized Data Collection Form based in Microsoft Excel and ArcGIS that is designed specifically for this type of assessment. Our assessment teams will utilize this tool on tablet PCs and mobile devices to collect detailed pavement distress information. Using this tool, we are able to address quality and survey completeness as we go. Representative photographs will be catalogued in the Data Collection Form for easy retrieval and reporting. Results from the PCI surveys can be easily integrated into StreetSaver™ or any other pavement management software program.

For the accessibility review, we will analyze pedestrian flow, traffic flow, path of travel and pedestrian access to points of arrival (including public transportation). The evaluation team will utilize highly calibrated measuring devices and perform the evaluation of the exterior elements using experienced and certified CASp professionals. The ADA barriers discovered during the evaluation will be photographed in the field and mapped on the DSA plans for the individual campus. These will be correlated to the report, which will support the identification of each issue.

Pavement coring will also be conducted at each site to determine existing pavement and base layer thickness. Based on our review of District facilities and the District’s desire to extract core samples for each significant asphalt section, we estimate that a total of 216 cores will be required. Areas for coring, pavement assessments, and accessibility assessments will be confirmed with the District prior to initiating field investigations.
Task 4: Review Maintenance and Rehabilitation Strategies

In coordination with District representatives and Maintenance and Operations personnel, Kimley-Horn will integrate pavement condition data into a customized analysis tool to evaluate treatment types, costs, years of life extension, and the cost-benefit value of each treatment. We will customize the Decision Tree Tool with updates to pavement prioritization, maintenance policies, and unit costs for M&R activities based on bid tabulation from recent projects completed by the District. We will identify cost-effective M&R strategies and optimal timing to ensure that projects selected in the five-year master plan align with the District’s overall objectives.
**Task 5: Final Reports**

Kimley-Horn will assess various budget scenarios to develop maintenance and rehabilitation options for each campus. Cost estimates will be prioritized in coordination with the District and use construction cost bid information gathered in previous tasks. A minimum of four budget scenarios will be considered, including a ‘fix everything’ scenario, a ‘do nothing’ scenario, and other performance- or budget-driven options. Kimley-Horn will use an analysis tool such as StreetSaver, DRIVE (Kimley-Horn’s customized pavement management tool), or another solution amenable to the District. Kimley-Horn will develop a comprehensive final report that will encompass all elements of the study. In addition to the report, which will be highly graphical and easily interpreted by District stakeholders, a comprehensive GIS deliverable will be developed to capture the existing network inventory, current and projected PCI conditions, recommended improvements, and multi-year work plans.

**Task 5 Deliverables**
- Comprehensive draft and final pavement reports
- Comprehensive draft and final accessibility reports
- PMS database
- GIS map package, shapefiles, and geodatabase
**Task 6: Training**

Kimley-Horn will provide hands-on training and training materials to District personnel. The training program will focus on providing information on the data entry and import process, running various budget scenarios, and developing work plans. Kimley-Horn will utilize StreetSaver or similar software to deliver the program, and training will be customized based on the District’s ultimate software selection.

**SCHEDULE**

We are committed to meeting all project requirements and deliverables by April 30, 2022. We will work proactively with the District to meet any additional schedule constraints, even if that means accelerating data collection, integration, or reporting activities. We anticipate having no issues delivering project work products within seven months of award and look forward to working with the District to refine this schedule in more detail upon selection.

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<th>Task</th>
<th>Task Description</th>
<th>20-Sep</th>
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- **Kick-Off Meeting**
- **Draft Report**
- **Final Report**
- **Final Presentation**
- **Progress Meeting**
REFERENCES

Newport Mesa Unified School District, Andersen Elementary School ADA Site Upgrade
Kimley-Horn worked with the Newport Mesa Unified School District to make ADA upgrades and replace ramps at Andersen Elementary School. The project included on-site grading design for ADA path of travel, drop-off area, and the drinking fountain enclosure to ensure compliance with ADA requirements. This project also included precise grading, retaining wall work, and topographic surveying.

Reference: Ara Zareczny; Administrative Director II, Facilities Development, Planning, and Design; Newport Mesa Unified School District
Email: azareczny@nmusd.us
Phone Number: 714.424.7522

City of Artesia, Pavement Management Survey
Kimley-Horn is working with the City of Artesia to perform an assessment of 40 centerline miles of roadway. This assessment will result in pavement condition data that can help the City understand current roadway conditions and prioritize pavement maintenance and repair projects. The proposed assessment includes data collection according to the ASTM D6433 standard methodology. Pavement condition data will be collected and analyzed to provide Pavement Condition Index (PCI) ratings on a scale of 100 (excellent condition) to 0 (failed condition). This project includes GIS model implementation, development of roadway inventory data, pavement evaluation, and report development.

Reference: Ernesto Sanchez; City Clerk; City of Artesia
Email: ESanchez@cityofartesia.us
Phone Number: 562.865.6262

City of Malibu, Pavement Management System Update
Kimley-Horn performed the pavement management system update for the City of Malibu. Data collection of roadway distresses and calculation of PCI values were performed in accordance with ASTM D6433 standards. Other elements of the project included distress data analysis, PCI calculation, work program planning, and bid tabulation analysis. GIS updates were prepared and integrated into the final pavement management system deliverable. The project included conducting PCI evaluations, generating PCI values, GIS integration, M&R planning recommendations, report development, and a needs assessment for a broader Pavement Asset Maintenance and Management System (PAMMS) Program.

Reference: Rob Duboux; Public Works Director; City of Malibu
Email: rduboux@malibucity.org
Phone Number: 310.456.2489 ext. 339

City of Agoura Hills, Pavement Management System Update
Kimley-Horn performed the pavement management system (PMS) update for the City of Agoura Hills. This effort included pavement condition assessment of 70 lane-miles, condition analysis, performance modeling, and roadway resurfacing work planning over a 7-year planning period. Pavement evaluations were conducted in accordance with ASTM guidelines. Other elements of the project included distress data analysis, pavement condition index (PCI) calculation, work program planning, and bid tabulation analysis. GIS updates were prepared and integrated into the final PMS deliverable.

Reference: Ramiro Adeva; Assistant City Manager; City of Agoura Hills
Email: radeva@ci.agoura-hills.ca.us
Phone Number: 818.597.7322

California State University Long Beach Campus Wide ADA Improvement Project
MZM Consulting
MZM Consulting provided Certified Access Specialist Services and Deputy Building Official for the collaborative design-build campus wide exterior accessible improvement survey and upgrades at California State University, Long Beach. This project involved an extensive survey of all exterior parking and path of travel on the 322-acre campus that serves over 40,000 students with over 6,000,000 square feet of building area. An exterior ADA transition plan was created as a result of the survey exercise on this project.

Reference: Enrique Robles; Manager Construction Services; Assistant City Manager; California State University, Long Beach
Email: enrique.robles@csulb.edu
Phone: 562.985.8186
LIST OF REPRESENTATIVE PROJECTS

Each year, we evaluate hundreds of parking lot, roadway, commercial, industrial, and airfield pavement networks across the country to deliver our clients objective data that can be leveraged for capital improvement program funding. A brief listing of our recent experience in pavement management, ADA/accessibility, and educational projects is shown below.

Recent Pavement Management Project Locations

Agoura Hills, CA  Hollister, CA  Mission Viejo, CA
Alexandria, VA  Inverness, FL  Monterey, CA
Aliso Viejo, CA  Kenmore, WA  Mt. Juliet, TN
Anniston, AL  Kings County, CA  Oak Hill, TN
Artesia, CA  Las Vegas, NV  Oakland, CA
Clear Creek County, CO  Lone Tree, CO  Ocean Shores, WA
Ennis, TX  Malibu, CA  Odessa, TX
Fairfield, CA  Manchester, NH  San Diego, CA
Fresno County, CA  Mead, CO  San Jose, CA
Gainesville, TX  Medley, FL  Santa Clara
Highland Park, TX  Milpitas, CA  Santa Monica

Recent ADA/Accessibility Project Locations in California

Agoura Hills  La Jolla  Riverside
Andersen  Long Beach  Sacramento
Calabasas  Los Angeles  San Diego
Concord  Monterey  Santa Clara
Encinitas  Oxnard  Santa Monica
Fresno  Pasadena  Sunnyvale
Granada Hills  Placentia  Susanville

Recent Education Project Locations in California

Irvine  Mission Viejo  San Leandro
Lakewood  Newport Beach  Santa Clara
Los Angeles  Orange  Santa Monica
Marina Del Ray  Palm Springs  Santa Monica
DISCLOSURE OF CLAIMS/LAWSUITS

Kimley-Horn and its subsidiaries have provided services in all fifty states and numerous countries. Because of the many and varied projects we have completed, we are subject to various legal proceedings from time to time and in the ordinary course of business. It is not practical to provide a complete list as part of this proposal. None of the pending matters, if decided against Kimley-Horn, would have a material impact on our financial statements or impair in any way our ability to serve our clients. Generally, these matters are covered by insurance, and we consider them to be without merit. If you would like to discuss our legal matters in more detail, please contact Kimley-Horn’s General Counsel, Richard Cook, at 919.677.2058.

Legal proceedings in California in the last five (5) years are as follows:

29Twenty Maintenance Association v. Van Dalee Development, et al; Los Angeles County, Superior Court of the State of California; Case No 19STCV13496; filed 2019; alleged economic loss; settled; closed 2020

Farhad Abad, for Mahin Ashki-Abad; Keemia Abad; and Arianna Abad v. US Foods, et al; Alameda Co Superior Court; Case RG17856272; filed 2017; traffic accident, wrongful death claim; settled; closed 2019.

Air Wing, LLC v. One Piper Ranch, LLC v. Cross-Complainants; San Diego County Superior Court; Case No. 37-2014-00009315; filed 2016; alleged economic loss; Kimley-Horn dismissed; closed 2017.

Rickey Fraley, Eileen Fraley v Live Nation Worldwide, Inc., et al; San Bernardino County Superior Court; Case No. CIVDS 1707090; filed 2017; wrongful death claim; Kimley-Horn dismissed; closed 2017.

Nancy Graham v. City of Santa Cruz, et al; Santa Cruz County Superior Court; Case No. 16CV02729; filed 2017; bicycle accident, personal injuries; settled; closed 2018.

Davis S. Lindley, individually and successor to David W. Lindley, Maureen K. Sennhauser, individually and successor to David W. Lindley and Estate of David W. Lindley v City of Los Angeles, et al; Los Angeles Co Superior Court, Central Dist; Case No BC576886; filed 2015; wrongful death claim; settled; closed 2016.

Brenda Sherriffs v. Kimley-Horn and Associates, Inc., et al; Santa Cruz County Superior Court; Case No. 16CV00335; filed 2016; bicycle accident, personal injuries; settled; closed 2019.
COST PROPOSAL

Kimley-Horn is pleased to submit the following cost proposal to the District. As you review our cost proposal, please keep the following characteristics of the Kimley-Horn team in mind:

- **Results focused.** We will use our years of nationwide pavement management and ADA experience to help you plan for the future. Through finding efficiencies and cost savings, maximizing limited budgets, creating value, and managing risk, we can save the District money.

- **On time and within budget.** We have a proven record of performing on time and within budget. The key to our success is managing the right resources at the right time. We emphasize project management effort reports that give our project managers up-to-date staffing and expense information related to their projects. This information enables them to continuously monitor the status of project costs, cost control effectiveness, and schedule.

- **Exceptional client services.** We are highly responsive and committed to providing quality services in a timely manner. Providing you exceptional client service from day one until project completion is our ultimate goal.

We appreciate the opportunity to provide these services to you and look forward to working with District staff on this project.
# Fee Sheet

## BASE SERVICES

<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>Total Hours</th>
<th>Total Cost</th>
</tr>
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<tbody>
<tr>
<td>Task 1</td>
<td>Kick-Off Meeting, Project Management, and Reporting</td>
<td>80</td>
<td>$16,000</td>
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<tr>
<td>1.1</td>
<td>Kickoff Meeting</td>
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<tr>
<td>1.2</td>
<td>Team Meetings (7 months)</td>
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<td>1.3</td>
<td>Monthly Progress Reporting (7 months)</td>
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<td>Task 2</td>
<td>Risk Management</td>
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<td>2.1</td>
<td>Insurance Documentation</td>
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<td>2.2</td>
<td>Task Hazard Analysis (32 sites)</td>
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<td>Task 3</td>
<td>Data Collection and Reporting</td>
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<td>3.1</td>
<td>Records Review</td>
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<tr>
<td>3.2</td>
<td>Network Definition (32 sites)</td>
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<td>3.3</td>
<td>Pavement Condition Assessment (32 sites)</td>
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<tr>
<td>3.4</td>
<td>Driller Supervision, Core Logging, Core Layout</td>
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<td>3.5</td>
<td>Quality Control/Quality Assurance</td>
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<td>Task 4</td>
<td>Review Maintenance and Rehabilitation Strategies</td>
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<tr>
<td>4.1</td>
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<tr>
<td>4.2</td>
<td>Develop Unit Costs</td>
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<td>4.3</td>
<td>Customize Decision Trees</td>
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<td>Task 5</td>
<td>Final Report</td>
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<td>5.1</td>
<td>Pavement Condition Report (Draft and Final Versions)</td>
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<td>5.2</td>
<td>Pavement Management System Database</td>
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<td>5.3</td>
<td>GIS Deliverables</td>
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<td>Task 6</td>
<td>Training</td>
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<td>6.1</td>
<td>On-Site Training Program (1 day)</td>
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<tr>
<td>6.2</td>
<td>Training Material Development</td>
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</tbody>
</table>

**TOTAL BASE HOURS**: 1220

**SUBTOTAL BASE LABOR**: $202,500

## OTHER DIRECT COSTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Total Cost</th>
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</thead>
<tbody>
<tr>
<td>ADA Transition Plan (MZZM Consulting)</td>
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<tr>
<td>Pavement Coring (2R Drilling)</td>
<td>$46,000</td>
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<tr>
<td>PMS Software (to be determined)</td>
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<tr>
<td>Reprographics</td>
<td>$1,000</td>
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</tbody>
</table>

**TOTAL BASE COST**: $449,500
The following revisions and/or clarifications shall be made to the RFP documents for the above-named work. All work described in the original RFP documents and all applicable Sections of the original RFP documents shall be included in the contract, except as herein modified:

Acknowledgement of this Addendum shall be made below and submitted with the RFP submission. If acknowledgement is not made the proposal may be considered non-responsive.

1. **Add:** Add to Task 3: Proposer will provide a minimum of two core samples for each significant asphalt section such as parking lot or playground. Cores should be taken both on and off of approved fire lanes. Proposer will be responsible to patch/repair their cores. Core samples shall indicate the overall thickness of the asphalt section and related base materials, including all asphalt sections/overlays and full depth of base material down to soil. This is not intended to sample soil or substitute soil sampling as required on a project-by-project basis.

2. **Add:** Add Task 5: Provide separate price for ADA transition plan. Proposer must be CASP certified to provide accessibility review of paved sections including the parking lot and approved paths of travel. Proposer will identify deficiencies in the existing conditions compared to the current ADA code. Deficiencies shall be listed separately from the pavement maintenance assessment.

All other provisions of the RFP remain unchanged.

BELOW, PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM AND SUBMIT IT WITH YOUR PROPOSAL.

Name: Sherry Ranta
Signature: 
Firm Name: Kimley-Horn and Associates, Inc.
Address: 1100 W Town and Country Rd, Orange, CA 92868
Telephone #: 714.939.1030
Fax #: 714.621.0368

(END OF ADDENDUM NO.1)