



## REPORT TO CITY COUNCIL

**DATE:** JULY 9, 2014

**TO:** HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

**FROM:** GREG RAMIREZ, CITY MANAGER 

**BY:** RAMIRO ADEVA, PUBLIC WORKS DIRECTOR/CITY ENGINEER 

**SUBJECT:** REQUEST TO APPROVE AN AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT WITH KIMLEY-HORN AND ASSOCIATES, INC., FOR ADDITIONAL ENGINEERING DESIGN SERVICES FOR THE AGOURA ROAD WIDENING PROJECT

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The City has a consultant services agreement with Kimley-Horn and Associates, Inc., for engineering design services for the ultimate alignment and build-out of Agoura Road, from Westerly City Limits to Cornell Road. Complete design alignment and improvements along Agoura Road was part of this agreement, which included environmental initial studies and final approval. As the project approaches final design stages, due to unexpected field conditions and previous tasks requested by staff, additional services were required to bring the project design to a close.

There are seven (7) additional tasks associated with the Fifth Amendment as follows:

Task 1: Additional survey and right-of-way exhibits for SCE Utility Undergrounding

In order to maximize undergrounding both SCE distribution lines and services within existing right-of-way, additional survey of Roadside Road was required to relocate distribution lines into Roadside Road and right-of-way legal descriptions and exhibits for installation of transformers/services along Agoura Road. The undergrounding of SCE distribution lines into Roadside Road also required additional coordination with SCE for final design.

Task 2: Soil Nail Wall

As part of the project's environmental mitigation and monitoring program, spring surveys were conducted and sensitive plant species were found along the top of existing hillside that was planned to be graded as part of the widening of Agoura Road. In order to limit the impact to these environmentally sensitive species, a two-tier soil nail wall was selected as a design option for the hillside, minimizing slope grading from encroaching into sensitive habitat. The soil nail wall will have an aesthetic treatment similar to the existing soil nail wall at the northeast corner of Canwood Street and Kanan Road. As part of this task, additional geotechnical investigation of the hillside is required, structural layout, design and details, and PS&E revisions.

### Task 3: Right-of-Way Negotiated Design Changes

As part of right-of-way deliberations, specific design elements were requested as part of final negotiations for right-of-way agreements. These elements included:

- retaining walls, entrance walls at driveways and miscellaneous structures, limiting grading into properties
- Interim Security fencing for properties during construction
- Property Wall Signs and Monuments
- Debris Basin Design Modifications, to match design used for Hilton development
- LA County Maintenance Easement and Transfer
- Widened Curb Alignment along frontage of APN 2061-001-025

The inclusion of the above elements required design details and PS&E revisions. For the widened curb alignment, the costs for these changes are to be paid in full by the property owner. Payment for this service has already been received by the City in the amount of \$17,800.00.

### Task 4: Las Virgenes Municipal Water District (LVMWD) Reclaimed Water

LVMWD's reclaimed water system has a gap in service on Agoura Road, between just east of Ladyface Court and Cornell Road. As part of the project, utility companies, which included LVMWD, were contacted for coordination of improvements required as part of the widening of Agoura Road. LVMWD's long term plan included extending reclaimed water service through Agoura Road. Staff has coordinated with LVMWD to include their plans and specifications for the reclaimed water mainline into the Project's PS&E. Construction costs for the reclaimed waterline will be covered by LVMWD. The added benefit of LVMWD closing the gap of its reclaimed water system, as part of this project, is the new landscape planned for this corridor will have reclaimed water available for service.

This task provides coordination of the Project's plans, specifications and Special Provisions with LVMWD plans and specifications. Additional assessment of the concrete pavement of the old highway under Agoura Road was also needed to provide detail on repair as part of trenching for utilities.

### Task 5: Stormwater Treatment Option Study at Lindero Creek

As ongoing efforts to meet Regional Water Quality Requirements at the City's storm water outfalls, a study was requested at Lindero Creek to provide possible options of offline treatment options for upstream tributary areas outside project limits, but constructed under Agoura Road.

A technical memorandum detailing feasibility of an offline system and potential treatment devices available for the project is to be provided as part of this task.

### Task 6: ADA Ramp Assessment and Design

The recent bulletin issued by the State Department of Local Assistance requires road projects, advertised after July 1, 2014 to include reconstruction of non-complying ADA ramps to meet current ADA requirements.

This task would provide for the assessment of all existing ramps along Agoura Road and design details to provide for current ADA requirements.

### Task 7: Pre-Bid Phase Services

This task provides for additional meetings to coordinate the readiness of bid package with the construction management team, attend pre-bid meetings, response to bid questions, and clarification/addendums relating to design.

Based on Section 5 of the Agreement, additional work over ten percent (10%) of the contract amount must be approved by City Council. The Agreement amount is \$1,129,178.00. The additional services for the items described above are in the amount of \$175,800.00, which includes the cost reimbursed by the private property owner. There is already an executed Memorandum of Understanding (MOU) between the City and Metro to fund the cost of design, right-of-way negotiations and construction of the Agoura Road Widening Project through Measure R.

The amendment has been reviewed by the City Attorney and approved as to form.

### **RECOMMENDATION**

Staff respectfully recommends the City Council:

1. Approve the amendment to the professional services agreement with Kimley-Horn and Associates, Inc.
2. Authorize the Mayor to sign the amendment to agreement on behalf of the City Council.

Attachment: Amendment to Kimley-Horn Agoura Road Widening Agreement

# AGREEMENT (AMENDMENT) ROUTING SLIP FOR

Kimley-Horn and Associates, Inc.

\_\_\_\_\_  
Consultant Name (\$25K and Over Amendment)



**Attached, please find (check one of the following boxes):**

- Note:** As all Amendment templates are customized,  Outside Agency Amendment  
review and approval is required (Section 1) Complete Sections 1 and 2
- City Agreement Amendment Complete Sections 1 and 2  Special Amendment Complete Sections 1 and 2

**Section 1 – Approve template and/or changes to insurance:** Receive Department Head approval to amend agreement. Check with Risk Manager for insurance and/or template amendments. Risk Manager will authorize emailing City Attorney for amendment template review and approval. Attach City Attorney email response (approval) to this slip.

- \_\_\_\_\_ (Dept. Head Initials/Date) Authorization to Amend Agreement  \_\_\_\_\_ (Risk Manager Initials/Date) Approval to Forward to City Attorney
- \_\_\_\_\_ (Risk Manager Initials/Date) Insurance Amended (See Notes Below)  \_\_\_\_\_ Staff Initials(From No. 1 Below) City Attorney Email Approval Attached
- \_\_\_\_\_ (Risk Manager Initials/Date) Approve Template (See Notes Below)  \_\_\_\_\_ Staff Initials/Date Other (See Notes Below)

**Section 2 – Signed Amendment received from Consultant.** Sign/date and attach this routing slip to the proposed amendment and route to staff in the order listed below (i.e., 2-4). Submit the signed amendment, including the appropriate insurance and endorsement, with this completed routing slip, to the Risk Manager (insurance review/approval) who will forward to the City Clerk for final review/distribution. Amendments without the appropriate insurance attached will be returned to the department. A copy of the final amendment will be provided to the Consultant and the staff person (in Item No. 1 below)

1.  \_\_\_\_\_  
Prepared by (Staff Name/Date)
2. \_\_\_\_\_  
Department Head – Date  
(Authorization to forward to Risk Mgr/Clerk)
3. \_\_\_\_\_  
Risk Manager – Date  
(Insurance Review/Approval)
4.  \_\_\_\_\_  
City Clerk – Date  
(Format Review/Final Distribution)

**- FOR CITY CLERK USE ONLY -**

Year: \_\_\_\_\_ Month/Day: \_\_\_\_\_  
Amendment/Insurance Received: \_\_\_\_\_  
To City Attorney for Signatures: \_\_\_\_\_  
To City Manager/Mayor for Signatures: \_\_\_\_\_  
City Attorney Email/Scope Attached: \_\_\_\_\_  
Distributed to Consultant/Staff: \_\_\_\_\_  
Laserfiche/Log/Index/File: By: \_\_\_\_\_  
Insurance Logged: By: \_\_\_\_\_

**Notes:**

**FIFTH AMENDMENT TO AGREEMENT FOR CONSULTANT SERVICES  
WITH THE CITY OF AGOURA HILLS**

<b>NAME OF CONSULTANT:</b>	Kimley-Horn and Associates, Inc.
<b>RESPONSIBLE PRINCIPAL OF CONSULTANT:</b>	Attn: Robert D. Blume, PE
<b>CONSULTANT'S ADDRESS:</b>	660 South Figueroa Street Suite 1040 Los Angeles, CA 90017
<b>CITY'S ADDRESS:</b>	City of Agoura Hills 30001 Ladyface Court Agoura Hills, CA 91301 Attn: City Manager
<b>PREPARED BY:</b>	Charmaine Yambao
<b>COMMENCEMENT DATE:</b>	July 1, 2014
<b>TERMINATION DATE:</b>	June 30, 2015
<b>CONSIDERATION:</b>	Amendment Amount: \$175,800.00  Total Contract Price Not to Exceed: \$1,129,178.00/yr

**FIFTH AMENDMENT TO AGREEMENT BETWEEN  
CITY OF AGOURA HILLS AND KIMLEY-HORN AND ASSOCIATES, INC.**

**Agoura Road Widening Project**

THIS FIFTH AMENDMENT is made and entered into as of July 1, 2014, by and between the City of Agoura Hills, a municipal corporation (hereinafter referred to as "City"), and Kimley-Horn and Associates, Inc., a Corporation (hereinafter referred to as "Consultant"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. This Amendment is made with the respect to the following facts and purposes:

a. On September 1, 2010, the City and Consultant entered into that certain Agreement entitled "Agreement for Consultant Services between the City of Agoura Hills and Kimley-Horn and Associates, Inc.", in the amount of Five Hundred Thirty-Six Thousand Twenty Dollars and Zero Cents (\$536,020.00).

b. On March 9, 2011, the City and Consultant entered into the First Amendment to that certain Agreement entitled "Agreement for Consultant Services between the City of Agoura Hills and Kimley-Horn and Associates, Inc.," to add scope of work and increase the payment in the amount of Fifty-Six Thousand Two Hundred Forty Dollars and Zero Cents (\$56,240.00).

c. On April 13, 2011, the City and Consultant entered into the Second Amendment to that certain Agreement entitled "Agreement for Consultant Services between the City of Agoura Hills and Kimley-Horn and Associates, Inc.," to add scope of work and increase the payment in the amount of One Hundred Eight-Six Thousand Eighteen Dollars and Zero Cents (\$186,018.00).

d. On June 13, 2012, the City and Consultant entered into the Third Amendment to that certain Agreement entitled "Agreement for Consultant Services between the City of Agoura Hills and Kimley-Horn and Associates, Inc.," to add scope of work, extend the term of the agreement to June 30, 2013 and increase the payment in the amount of One Hundred Thirty-Two Thousand Dollars and Zero Cents (\$132,000.00).

e. On January 23, 2013, the City and Consultant entered into the Fourth Amendment to that certain Agreement entitled "Agreement for Consultant Services between the City of Agoura Hills and Kimley-Horn and Associates, Inc.," to add scope of work, extend the term of the agreement to June 30, 2014 and increase the payment in the amount of Forty-Three Thousand One Hundred Dollars and Zero Cents (\$43,100.00)

f. The parties now desire to add scope of work, extend the term of the agreement to June 30, 2015, increase the payment in the amount of One Hundred Seventy-Five Thousand Eight Hundred Dollars and Zero Cents (\$175,800.00), and to amend the Agreement as set forth in this Amendment.

2. Section 1 of the Agreement entitled "**TERM**" is hereby amended to read as follows:

"This Agreement shall remain and continue in effect until tasks herein are completed, but in no event later than June 30, 2015, unless sooner terminated pursuant to the provisions of this Agreement."

3. Section 5 of the Agreement entitled "**PAYMENT**" at paragraph "a" is hereby amended to read as follows:

"The City agrees to pay Consultant monthly, in accordance with the payment rates and schedules and terms set forth in Exhibit B, Payment Rates and Schedule, attached hereto and incorporated herein by this reference as though set forth in full, based upon actual time spent on the above tasks. Any terms in Exhibit B, other than the payment rates and schedule of payment, are null and void. The Fifth Amendment amount shall not exceed One Hundred Seventy-Five Thousand Eight Hundred Dollars and Zero Cents (\$175,800.00), for additional engineering design services for a total Agreement amount of One Million One Hundred Twenty-Nine Thousand One Hundred Seventy-Eight Dollars and Zero Cents (\$1,129,178.00)."

4. Exhibit "A" to the Agreement is hereby amended by adding thereto the items set forth on Attachment "A" to this Amendment, which is attached hereto and incorporated herein as though set forth in full.

5. Except for the changes specifically set forth herein, all other terms and conditions of the Agreement shall remain in full force and effect.

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

**CITY OF AGOURA HILLS**

\_\_\_\_\_  
William D. Koehler,  
Mayor

ATTEST:

\_\_\_\_\_  
Kimberly M. Rodrigues, MMC  
City Clerk  
*Date Approved by City Council* \_\_\_\_\_

APPROVED AS TO FORM:

\_\_\_\_\_  
Candice K. Lee,  
City Attorney

**KIMLEY-HORN AND ASSOCIATES,  
INC.**

660 South Figueroa Street Suite 1040  
Los Angeles, CA 90017  
Robert D. Blume, P.E.  
(o) 213-261-4038

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

**[Signatures of Two Corporate Officers Required]**



**ATTACHMENT A**  
**SCOPE OF SERVICES**

The Scope of Services described below is based on the RFP, Consultant's Proposals, dated July 12, 2013, December 11, 2013 and May 9, 2014, and Revised Methodology and Work Plan, dated August 11, 2010.

The Consultant's Services shall include, but not be limited to, the following:

**Task 1: Additional Survey and Right-of-Way Exhibits for SCE Utility Undergrounding**

**A: Topographic Survey**

Kimley-Horn with a qualified survey sub-consultant will prepare a design field survey along Roadside Drive from Agoura Road to end of Roadside Drive at Ventura Freeway. Street cross sections with visible surface features will be shown. In addition, existing utilities based on readily available record utility plans will be shown.

**B: SCE Utility Easement Legal and Exhibits**

Kimley-Horn with a qualified survey sub-consultant will prepare up to three (3) utility easement legal and exhibits in coordination with the City and SCE. This task assumes that the final size and location of the SCE easement will be provided by the SCE. Changes in location or size of the easement after the start of work will require additional services.

**C: SCE Coordination**

Kimley-Horn will provide additional coordination with the City and SCE regarding the alignment of the proposed SCE lines and poles through Roadside Drive.

**D: SCE Easement Legal and Exhibit Update**

Kimley-Horn's survey sub-consultant will update the previously prepared SCE easement exhibit and legal per the revised sizing and location of easements relayed by the SCE's review consultant for the following properties:

- APN – 2061-006-047: Revise location of easement and
- APN – 2061-006-020: Revise easement legal and exhibit

**Task 2: Soil Nail Wall**

**A: Geotechnical Investigation for Hillside**

Kimley-Horn with our geotechnical sub-consultant, Kleinfelder, will conduct a subsurface exploration and prepare geotechnical analysis and reports for the recommendations related to the proposed soil nail walls. The geotechnical study limit is based on the hillside grading and retaining wall options coordinated with the City, environmentally sensitive plant species limit provided by Envicom, and previous geotechnical report prepared for the project by Kleinfelder dated May 25, 2012. Geotechnical scope will include the following:

**a. Geotechnical Studies and Field Exploration**

Utility Clearance

Prior to our field exploration, Kleinfelder will mark the locations of our proposed field explorations, and notify Underground Service Alert of our intent to dig in accordance with State law. Kleinfelder will retain a private utility locating service to perform a geophysical survey to aid in identifying underground utilities in the area immediately surrounding the proposed field exploration locations. Though performing a geophysical survey does not guarantee that the locations are clear of underground utilities, it decreases the risk associated with drilling in the subsurface. A reasonable attempt will be made during the marking of the field exploration locations to avoid utility line conflicts.

Roadway Encroachment Permit and Traffic Control

Prior to performing the field explorations, we will submit a traffic control plan showing locations of the proposed borings to the City of Agoura Hills in order to obtain an encroachment permit. In order to obtain the necessary subsurface geotechnical data, we anticipate that shoulder closures may be required for our field exploration. We have assumed that the City will provide "no fee" permits. During performance of our field investigation, traffic control will be set up in conformance with the traffic control plan referred to above. Our traffic control subcontractor will generate the traffic control plan and will set up, monitor and break down the traffic control devices in the field. We do not anticipate lane closures; however, closure of the roadway shoulder is probable.

Borings

Based on our evaluation of the proposed soil nail wall locations, we propose to perform three (3) borings, one (1) at the toe of the existing slope and two (2) above the proposed walls, within the existing dirt access roads. The borings proposed will consist of hollow stem auger drilling to 30 feet, or practical refusal. The purpose of the borings is to obtain samples of the subsurface soils for laboratory testing (in-situ moisture and density, strength, etc.), soil classification, and engineering evaluation. Upon completion of our work, the holes will be backfilled with soil cuttings and capped with material similar to the immediate surroundings. We will provide a Kleinfelder engineer or geologist, working under the supervision of a Registered Geotechnical Engineer, to log the subsurface materials encountered within the explorations in general accordance with American Society for Testing Materials (ASTM) guidelines. Bulk samples, disturbed, and relatively undisturbed samples of the soils will be collected using Standard Penetration Test (SPT) and California-type samplers at approximate 5-foot intervals. The number of blows necessary to drive both a Standard Penetration Test (SPT) sampler and a modified-California sampler will be recorded.

**b. Geotechnical Laboratory Testing**

Laboratory tests will be performed on selected samples to evaluate the physical and engineering characteristics of the subsurface soils. The laboratory tests to be performed for this project may include the following:

- In-situ moisture and dry density;
- Grain-size distribution;
- Atterberg limits;
- Direct shear; and

- Corrosivity.

The selected type and frequency of laboratory testing will depend on the nature of the soils encountered.

**c. Geotechnical Engineering Analysis and Preparation of Reports**

The results of our subsurface explorations and laboratory tests will be evaluated, and engineering analyses will be performed to provide geotechnical recommendations for the design and construction of the proposed soil nail walls. We will prepare a letter of recommendations to supplement our referenced geotechnical investigation report. We will provide an electronic copy (PDF file) of a draft of the report for review and comment. Upon receipt of any review comments, we will review the comments and incorporate them into our final report. We will provide four (4) hard copies and an electronic copy of the final geotechnical report. We have assumed only one round of review comments prior to completion of our final report. Our report will include data obtained during field exploration, laboratory testing, as well as conclusions and recommendations pertaining to the following:

- Discussion of geotechnical setting including subsurface soil and groundwater conditions.
- Recommendations for design and construction of the proposed soil nail walls, including soil strength parameters, anticipated nail bond values, minimum facing and nail length requirements, and minimum material requirements.
- Earthwork and drainage recommendations and construction considerations.
- Preliminary evaluation of the corrosion potential of the on-site soils.

Geotechnical Assumptions:

The geotechnical scope of work described above and the associated fee assumes the following:

- Access will be available for the dirt roads located south of the subject slope. Permission to access boring locations with any private property owner will be coordinated by the City.
- Available record plans/maps showing the locations of any existing buried utilities will be provided by the City prior to marking the locations of the proposed borings.
- A "no fee" encroachment permit will be provided by the City.
- We assume all fieldwork can be performed during daylight hours. Fieldwork on weekends, nights, or holidays is assumed to be not required.
- We have assumed that drilling of our proposed borings can be completed in one day. We are assuming that the City will allow drilling work between the hours of 9AM to 5PM as was permitted for previous work along Agoura Road.
- The scope of work included within our fee estimate does not include any services in connection with the discovery of potential soil or groundwater contamination during our drilling and sampling or disposal operations. In the event that such material is suspected or encountered, we will notify the City immediately for direction before proceeding on any out-of-scope services.
- Kleinfelder does not practice corrosion engineering and, therefore, detailed analysis of corrosion test results is not included. We recommend a qualified corrosion engineer be retained to review the test results and design protective systems that may be required.
- Preparation of supplemental reports and addendum letters will require a change order.

- Response to review comments, technical consultation, meetings, and plan review are limited to up to twenty (20) hours. Additional responses to review agencies or additional work that may be requested can be provided on a time and materials basis in addition to the estimated fee presented herein.
- If the results of our analyses indicate that unanticipated conditions are present that would require additional work, we will notify the City to discuss the scope and fee prior to proceeding with the work.

**B: Hillside Retaining Wall Design**

Kimley-Horn will provide an overall wall plan and wall elevations for the proposed tiered walls. The wall designs will be based on soils recommendations from the geotechnical engineer. If the retaining walls are soil nail walls, Kimley-Horn will provide wall facing details to accompany the wall plan and elevations. The actual soil nail layout and design will be a deferred submittal and the plans will require the contractor to prepare signed and sealed shop drawings and calculations detailing the soil nail construction. Kimley-Horn will provide design parameters for the soil nail wall based on soils recommendations from the geotechnical engineer. If the retaining walls are cast-in-place concrete cantilever walls Kimley-Horn will provide wall designs and details for the walls to accompany the wall plan and elevations.

**C: PS&E Revisions**

Kimley-Horn will update the current PS&E to incorporate the tiered wall design

In addition to plan sheets noted above, we will incorporate the new wall design elements into the Special Provisions/Specifications and Estimate for the project.

**Task 3: Right-of-Way Negotiated Design Changes**

**A: Miscellaneous Wall and Structure Design**

Kimley-Horn will provide design and calculations for the miscellaneous structures consisting of small entrance walls and signage structures for two storage properties within the project limits. The locations and preliminary sketches of these miscellaneous structures are based on our discussion with the City.

Based on the above understanding of the additional scope of work, following are our assumed plan sheet deliverables.

- Wall Plan (1 sheet)
- Wall Profile/Elevation (2 sheets)
- Wall Structural Notes and Details (2 sheets)
- Miscellaneous Structure Plan and Details (2 sheets)

**B: Miscellaneous Wall and Structure Design PS&E Revisions**

Kimley-Horn will update the current PS&E to incorporate the miscellaneous wall/structure. The update/revision will include the following plans or design items:

In addition to plan sheets noted above, we will incorporate the new wall design elements into the Special Provisions/Specifications and Estimate for the project.

**C: Hilton Debris Basin Design Modification**

Kimley-Horn will update the current debris basin design and sizing for the modification of

the existing basin within the Hilton property to Hilton's previous design approved by the County. The design used for the previous Hilton development will be used for the update. This task includes the following:

- Re-evaluate the sizing of the debris basin based on Hilton's previous design provided by the City.
- Update grading of debris basin and access road.
- Prepare structural calculation for the outfall structures and update project storm drain report. This task assumes up to two (2) sheets for structural design, notes and details.
- Meetings and processing with the County of Los Angeles. This task assumes up to two (2) meetings with County. Processing assumes up to twenty (20) hours of effort.
- Update plan set background with new design.
- Attend up to two (2) meetings with City and Hilton.
- This task assumes that the cad files for the County approved Hilton debris basin design would be provided by the City.

#### **D: MTD 1127 Line A-1 County Maintenance Easement and Plat**

County noted that the final transfer would happen after the construction of the line.

#### **E: Miscellaneous Coordination and Processing**

- County MTD Transfer Line Plan Preparation and Processing
- Meetings and coordination with City's signage consultant. This also includes updates to the plans for potential power feed and additional bid section that needs to be added to the Special Provisions.
- Review improvement options for County's Animal Shelter property. This includes adding retaining wall to limit impact to the property, review of County generated landscape and irrigation plan, and preparation of Opinion of Probable Construction Cost for the landscape improvements for City's use in negotiation with the County.
- Security fencing requirement at existing Storage Facilities within project limits during construction based on City's negotiation with the private property owners. City to provide specification on the fencing desired by the property owners to incorporate into Special Provisions. Interim fencing layout plan is assumed to be not required.

#### **F: Senior Housing Frontage PS&E Revisions**

Kimley-Horn will update the current PS&E to incorporate the new widened curb alignment from station 11+63.48 to approximately 20+00. The update/revision will include the following plans or design items:

- Typical Road Sections (Sheet X-1) – Update existing section.
- Street Plans (Sheet L-1) – Plan and Profile update, 3d grading model update, revise earthwork calculation, re-design/relocate drainage structures.
- Erosion Control (Sheet EC-2) – Update curb, grading, drainage and adjust erosion control layout.
- Utility Plan (U-1) – Update with revised curb layout and adjust utility design or relocation. Sewer main extension, median modification, and driveway openings are assumed to be completed by others. Proposed utility service connections and meters up to the property line will be shown based on the sizing and location shown on plan prepared by HMK dated 1/31/14 (plot stamp). Appropriate utility notes will be added to the project's Special Provisions to cover the utility service that needs to be coordinated by the contractor.

- Storm Drain Plan (SD-3) – Update storm drain layout and profile. Relay change to County at a meeting and resubmit updated plan and calculations to County to update current permitting process.
- Signing & Striping (Sheet SN-1) - Update with revised curb layout background and adjust striping layout.
- Street Lighting (SL-1) - Update with revised curb layout background and adjust lighting layout.

In addition to plan sheets noted above, our fee includes past efforts including private development plan review on behalf of the City and file coordination with HMK for the improvements. This task also assumes that we would be receiving a workable AutoCad file of the new curb alignment.

#### **Task 4: Las Virgenes Municipal Water District (LVMWD) Reclaimed Water**

##### **A: Incorporation of Reclaimed Water Line PS&E**

Coordinate PS&E and Special Provisions with LVMWD plans and specifications. This item includes separating out utility features for LVMWD from the Agoura Road project. Coordinate with the City on format of the combined plans and special provisions.

##### **B: PCC Pavement Assessment (subconsultant - Kleinfelder)**

Additional assessment of the concrete pavement of the old highway under Agoura Road. To provide detail on repair of PCC Pavement and incorporation of recommendations into plans and Special Provisions.

#### **Task 5: Stormwater Treatment Option Study at Lindero Creek**

##### **A: Stormwater Treatment Option Study at Lindero Creek**

Kimley-Horn will provide design for the stormwater treatment at Lindero Creek. This task will include up to two (2) options for the City to consider. We will provide the following during this task:

- Prepare preliminary sketch of the treatment device location.
- Prepare preliminary calculations to size the device near Lindero Creek. This task assumes that the upstream tributary areas outside of the project limits will be based on the City Drainage Study provided by the City and readily available record drainage/hydrology information from the County.
- Prepare a technical memorandum and exhibits outlining our findings for a potential device and feasibility of an offline system for treatment of Qpm flow rate per LA County methodology.
- Meet with the City and Los Angeles County staff to review the options. This task assumes up to two (2) meetings would be required.

#### **Task 6: ADA Ramp Assessment and Design**

The recent bulletin issued by the State Department of Local Assistance requires road project, advertised after July 1, 2014, to include reconstruction of non-complying ADA ramps to meet current ADA requirements. Kimley-Horn to provide for assessment of all existing ramps along Agoura Road and design details to provide for current ADA requirements.

**Task 7: Pre-Bid Phase Services**

The following tasks prior to project going out to bid in coordination with the City and Construction Manager (CM) hired by the City.

- Attend meetings and coordinate with project team or agencies as requested by the City. This task includes our past efforts in attending CM kickoff meeting on March 3, 2014 and subsequent coordination. We assume attending up to five (5) meetings with up to three (3) Kimley-Horn staff.
- Address CM comments prior to Bid.
- Bid Assistance including attending pre-bid meeting, addressing contractor RFIs, preparing Addendums, and reviewing bids.