

ATTACHMENT A SCOPE OF SERVICES

Article 3 of the AGREEMENT is amended and supplemented to include the following agreement of the parties. CONSULTANT shall, except as otherwise provided for herein, furnish all Engineering services, labor, equipment, and incidentals (SERVICES) as required for this AGREEMENT.

DESCRIPTION OF PROJECT

The CONSULTANT is to provide SERVICES in connection with the include surveying, design and preparation of construction plans, specifications and bid package, and technical assistance throughout the design and construction of the intersection improvements and signalization at Flood Avenue and Venture Drive. Generally, the scope of services consists of coordinating with the city and ODOT; construction plans for the improvements, and construction assistance. The Owner will provide a fiber optic interconnection plan if needed.

DESIGN SERVICES

The following design services shall align with the tasks set forth in **Attachment C – Compensation**.

1. Site Visit

Engineer will conduct a site visit with the Owner to determine key issues such as location of the controller, power source, and Owner preferences. Existing marked and visible utility locations will be noted so they can be incorporated into the plans.

2. Surveying

The survey limits will include Right of Way to Right of Way and extend 800 feet west along Venture Drive, 250 feet east for a turn-out for a future driveway, and 400 feet north and south along Flood Avenue from the Flood Avenue and Venture Drive intersection. Topographic Survey will include the section line, platted Right of Way lines, and all above-ground, visible improvements lying within the Right of Way for Flood Avenue and Venture Drive for the Project Area. Five (5) benchmarks will be set along the alignment. The improvements will include all curb lines, access drives, sidewalks, paving materials, traffic/lane striping, fences, retaining walls, signs, utilities as marked by OKIE with atlas map assistance, overhead wire heights at the immediate intersection area, elevation grid with one-foot contours and all significant, above-ground observations within the Project Area, for traffic signal design purposes.

3. Preliminary Plans

The Preliminary design phase submittal will include 60% construction plans for review by the Owner. This submittal will not include technical specifications. Plans will be developed to City of Norman and Oklahoma Department of Transportation (ODOT) Standards.

4. Final Plans

Once the Engineer receives comments from the Preliminary Plans, final design will begin. The final plans will include the construction plans and specifications, quantity calculations, and opinion of probable construction cost. The Engineer will also make any needed plan changes as a result of the Owners review.

ADDITIONAL SERVICES NOT INCLUDED

- Redesign for the Owner's convenience or due to changed conditions after previous alternate direction and/or approval.
- Submittals or deliverables in addition to those listed herein.
- Coordination or design of any utilities relocation.
- Geotechnical
- Construction materials testing.
- Title II services.
- Construction administration and inspection.
- Front end sections of construction contract documents.
- Plans for temporary construction easement for the contractor's equipment and storage of material during construction.
- Environmental Handling and Documentation.