

SCOPE OF WORK

Project Specific

**Design Review
Construction Management
Construction Inspection
Materials Testing Services**

**COLORADO DEPARTMENT OF TRANSPORTATION (CDOT)
COLORADO BRIDGE ENTERPRISE (CBE)**

**PROJECT # FBR 025A-019
Sub-Account 19205
I-25 Ilex to 1st Street CBE**

**PROJECT # IM 025A-024
Sub-Account 19408
I-25A Pueblo Ilex Non- CBE**

SCOPE OF WORK FOR:

- I. General Information and Contract**
- II. CDOT Staffing**
- III. Consultant Staffing**
- IV. Design**
- V. Supplemental Work**
- VI. Staffing Chart**

Note: This draft scope of work has been reviewed by the Department and reflects a plan of approach based on the known goals. Factors determining the selection of a consultant is the ability of that consultant to analyze the project goals, evaluate the work elements, and formulate a work plan and staffing. This process may produce new approaches or modification to the project work elements described here in. Because of that, all consultants should be aware that the Final Scope of Work for a project will be produced with input from the selected Consultant.

I. PROJECT SPECIFIC GENERAL INFORMATION

Contract Administration

Region Transportation Director Thomas Wrona P.E.
905 Erie Ave.
Pueblo, CO 81001

South Program Engineer Karen Rowe P.E.
902 Erie Ave
Pueblo, CO 81001
719-546-5430

Resident Engineer Joe DeHeart P.E.
902 Erie Ave
Pueblo, CO 81001
719-546-5439

Active day-to-day administration and monitoring of this contract will be delegated to:

Project Manager Scott Dalton
902 Erie Ave
Pueblo, CO 81001
Office 719-562-5516
Cell 719-251-7820

Description

The Colorado Department of Transportation is seeking professional support services for the I-25 Ilex to 1st Street Design/Build project. The project includes the rehabilitation of six bridges that are on, over or adjacent to I-25, and the design and construction of roadway and bridges on I-25 between Ilex and 1st Street.

Respondents should view this “Scope of Services” for the project deliverables. Specific task orders will be negotiated with the successful project team. The resulting contract may also be supplemented to include any related topics to the major elements of the project.

Background Information

The I-25 Ilex to 1st Street project is the first segment to be constructed as part of the New Pueblo Freeway. The project entails support for the construction of the I-25 Ilex to 1st Street Design/Build project in Pueblo, CO. The construction project consists of constructing bridges over D Street (Ilex Street new location), the Union Pacific Railroad, BNSF Railroad, and Gruma Street on I-25. Rehabilitation of bridge structures on I-25 northbound over US 50 Business (K-18-AX), and north and southbound over Indiana Ave (L-18-M and L-18-W), on US 50 Business over the Arkansas River (K-18-R), over I-25 on Northern Ave (L-18-AQ) and Mesa Ave (L-18-AU). The Project also includes construction of the new D Street (replacing Ilex Street), utilities, permanent water quality, 1st Street on and off ramps, retaining and sound walls, lighting, sidewalks, curb and gutter, aesthetics, landscaping, parking lots and any Additional Requested Element (ARE) included in the Project.

Project Goals

This project desires to accomplish:

- A. A collaborative partnership between CDOT, Consultants, Stakeholders and the Contractor's team
- B. Quality construction
- C. Improvements meeting current design standards and Contract Documents

Planned Improvements

This project is located on I-25, between mileposts 95 and 99, in City of Pueblo in Pueblo County. Construction will include bridges, roadway, utilities, bridge rehabilitation, retaining and noise walls, etc.

Authorization to Proceed

Work shall not commence until the written Notice to Proceed for a "Task Order" is received by the Consultant. The work shall be completed in the time specified.

Project Costs

The design and construction of this project is estimated at \$80 million with a DBE goal of 10%. Task Orders will be written as needed.

Work Duration

The time period for the work described in this scope is approximately three (3) years, Spring 2014 to Spring 2017 and then the timeframe to complete the paperwork. Work may be required night and/or day, on weekends, holidays, and/or on a split shift basis. Workweeks may be in excess of or less than the standard 40-hour week.

Routine Billing & Reporting

The Consultant shall provide the following on a routine basis:

- a) Coordination of all contract activities by the Consultant's Contract and/or Task Order Manager.
- b) Monthly billing formats, suitable to the CDOT Project Manager, for all contract activities performed by the consultant's Project Staff.
- c) Periodic reports and billings required by CDOT Procedural Directive 400.2.

Other Direct Costs:

CDOT will clarify with each task order the other direct costs that will be paid for by the state for each position assigned to the project. It is expected that individuals assigned to the project for one (1) year or more will be reimbursed for relocation at the beginning and end of the assignment per state fiscal rules. It is expected that any these individuals will be responsible for their mileage and time for travel to the project.

Individuals assigned to the project for 1 year or less will be reimbursed for per diem and a negotiated commuting time and mileage payment such as one way. If the assignment is more than 6 months, it is expected that an apartment or house will be used for the lodging rather than a nightly hotel rate. Any lodging rates will need to be approved in advance. Those positions expected to work remotely and attend on-site visits or meetings will be paid for the time and mileage for travel, to be discussed and agreed upon prior to invoicing.

Status of Contract

The Consultant shall monitor the status of the contract and advise the CDOT Resident Engineer of any potential need to supplement the contract. Failure to monitor contract status and provide timely notification may result in discontinuation of the Consultant's services.

Vehicles and Equipment

The Consultant shall furnish all personnel, equipment and transportation required to perform the work. Consultant personnel shall have appropriate vehicles (equipped with flashing amber beacon), cell phone, computers, and miscellaneous equipment (calculator, office and lab supplies, safety equipment, etc.) required for performing the work. All manuals required to perform the work or reference as needed shall be provided by the consultant to the consultant personnel on the project.

Other equipment may be required as requested by CDOT.

Definitions:

Consultant - The firm or corporation providing personnel under this agreement to perform construction services as outlined herein.

Consultant Contract Manager - the Consultant employee in responsible charge of Consultant services performed as described in this Contract. The Consultant Project Engineer administers the Consultant contract must be a licensed Professional Engineer in the State of Colorado. The Consultant's work shall be under the direction of, and shall be reviewed by a Professional Engineer registered in the State of Colorado.

Consultant Engineer in Responsible Charge – The Consultant employee acting under the authority of the Chief Engineer, who is responsible for engineering during construction activities, as indicated in the bylaws and rules of the State Board of Licensure and CDOT's policies and procedures. This individual shall be a Professional Engineer registered in the State of Colorado.

Design Lead – The Consultant employee coordinating the design review with Consultant discipline leads and design reviewers. Reporting to and working with the CDOT Design Manager. This individual may also be a discipline lead.

Design Reviewer – Consultant employee(s) who performs review of Contractor plans for conformance with the Contract and specifications, and conducts construction field reviews as work progresses. These individual(s) are the discipline leads.

Construction Management or Construction Inspector or Materials Tester - Consultant Employee(s) who performs construction management, construction inspection, materials testing, and other project-related services under the supervision of the Consultant Contract Manager, and the Consultant Engineer in Responsible Charge, and at the direction of the CDOT Project Manager.

Contractor - The individual, firm, corporation, or team contracting with CDOT to design and construct the transportation project.

CDOT Computer/Software Information

The consultant shall utilize the most recent CDOT adopted software. Some software may not be applicable to this project. The primary software used by CDOT is as follows:

- | | | |
|----|----------------|---|
| A. | Earthwork | InRoads |
| B. | Drafting/CADD | InRoads and Microstation with CDOT's current workspace formatting configurations and standards. |
| C. | Survey | CDOT Inroads TMOSS |
| D. | Bridge | Staff Bridge software shall be used in either design or design check |
| E. | Estimating | Trns*port (an AASHTO sponsored software, now web based) |
| F. | Specifications | Microsoft Word |
| G. | Schedule | MS Project and/or Primavera – as used by Contractor |
| H. | Construction | AASHTO Software (SiteManager, LIMS) |
| I. | Materials | Current CDOT QA/QC program |
| J. | Other | MS Excel, MS Word and Bentley Project Wise |

Additional Project Information

Additional information is available on the websites www.coloradodot.info/projects/ilexbridges and www.newpueblofreeway.org.

Project Coordination

Coordination will be required, but not limited to, the following:

- A. City of Pueblo
- B. Pueblo County
- C. Railroads – UPRR and BNSF
- D. CDOT Region 2
- E. Pueblo Area Council of Governments
- F. Urban Drainage & Flood Control District (UD & FCD)
- G. Federal Emergency Management Agency (FEMA)
- H. Colorado Parks and Wildlife
- I. Environmental Protection Agency (EPA)
- J. Federal Highway Administration (FHWA)
- K. Pueblo Conservancy District
- L. Utilities
- M. Colorado Department of Health and Environment (CDPHE)
- N. Others that may be included, but not limited to: Downtown Area Organizations, Residents, Business
- O. Owners, Individuals and Businesses affected by ROW acquisition

II. CDOT STAFFING

CDOT staffing expectations, as shown below, are what is currently planned for initial project staffing and may change prior to start or during construction. It is for the consultant's understanding of the overall project staffing and structure. See organizational chart on the last page of this document.

CDOT position Definitions:

Joe DeHeart - Resident Engineer.

CDOT Resident Engineer: - The CDOT employee responsible to the Region Program Engineer for the quality and successful completion of a transportation project. The Resident Engineer authorizes interim and final payments and all changes to Contracts for all Consultants and Contractors. **Engineer's Certification:** The CDOT Resident Engineer shall be the final authority regarding acceptance of work performed by the Consultant.

Scott Dalton - Project Manager

CDOT Project Manager - The CDOT employee, assigned by the Resident Engineer, who is responsible for day-to-day oversight of the work and responsible for the administration and oversight of satisfactory completion of the project under contract. Scott is not the Engineer in Responsible Charge. Decisions having potential engineering consequences will be directed by Scott to the Consultant Engineer in Responsible Charge of the project.

Jennifer Billings - Design Manager and Technical Support Services

Jennifer will report to the CDOT Project Manager but will help oversee and coordinate the design review efforts with the roadway lead and structure lead.

Don Garcia - Third Party Management and Support Services

Don will report to CDOT Project Manager and will oversee the document control, project contracts, scheduling, civil rights and miscellaneous others.

Brendan Biddle - Assistant Project Manager.

Brendan will report to CDOT Project Manager and will coordinate the consultant inspectors in the field.

Manuel "Mel" Bueno - Head Tester

Mel will report to the CDOT Project Manager and will coordinate the efforts of the consultant testers while assigned to the project.

III. Consultant Staffing Responsibilities and Duties

Project Standards

Construction Management, Design Review and Construction Inspection/Testing shall be in accordance with the Colorado Department of Transportation's Construction Manual, Field Materials Manual, applicable AASHTO test procedures, Colorado Department of Transportation Inspector's Check-list, Standard Specifications for Road & Bridge Construction, Supplemental Specifications, applicable M&S Standards, and the plans and specifications currently in use when a construction project is advertised. All activities performed shall be as directed and authorized by the CDOT Project Manager, and as approved by the CDOT Resident Engineer.

All consultant staff, except for Office Manager and Administrative Assistant, shall be familiar with road and bridge construction and have experience with CDOT design and construction procedures. All staff should be familiar with CDOT construction process and documentation unless otherwise noted.

All construction personnel shall

The Consultant staff shall assist the CDOT Project Team in performance of the following Construction activities:

- Periodic reports and billings required by CDOT Procedural Directive 400.2.
- Participation in weekly progress meetings with contractor, subcontractors, utilities and other interested parties.

- Securing project documentation from the contractor.
- Anticipating project problems and directing solutions to CDOT Project Manager.
- Timely review of the design drawings and data submitted by the Contractor's design build team and suppliers for conformance with the intent of the contract and specifications. Providing written statements of conformance.
- Inform and obtain concurrence(s) as needed from the CDOT Project Manager and keep relative documentation for project records.
- Maintaining accurate notes reflecting actual construction details to be used in preparation of as-constructed plans.
- Communicating with adjacent landowners, as required, to resolve issues that arise due to construction.
- Monitoring compliance with and taking appropriate action to preserve safety on the project for all workers and traveling public in accordance with Method of Handling Traffic (MHT).
- Initial, follow up, and final inspections of work in progress including interim and final measurements.
- Notifying contractors and CDOT Project Manager of non-compliance with the contract plans and specifications
- Ensure compliance with permits (such as 404 and NPDES)
- Preparation of inspection documentation for development of progress payments for the contractor in accordance with prescribed procedures
- Submittal of standard documentation reports no later than the following working day
- Aiding in the preparation of correspondence to the contractor, CDOT Staff, local agencies, etc.
- Providing liaison and communication to contractor field crews
- Review of final "As Constructed" plans upon project completion
- Miscellaneous related duties as requested by the CDOT Project Manager
- Assist in preparing punch lists of uncompleted work, non-conformance reports, and deficiency notices.
- Assist in tracking and preparing responses to contractors' and suppliers' requests for information, submittals, change notices, claims, and correspondence.

Scope of Work

The scope of work is to assist in the administration of the project on behalf of CDOT. This shall require providing stakeholder coordination, design review, and construction administration support required for the I-25 Ilex to 1st Street Design/Build project.

The Consultant is expected to demonstrate how they will fulfill the duties of Engineer in Responsible Charge for the Project. Depending on the work, the Engineer in Responsible Charge duties may be delegated to multiple individuals. It is anticipated that at least two of the discipline leads will be needed to perform these duties during peak times of construction activities.

Discipline leads performing design review are also expected to perform construction observations/inspections as necessary during the project. Depending on the volume of design review and construction activities, it may be necessary for the Consultant to provide more than one Structure and Roadway Lead.

It is expected that the Consultant personnel noted with *, at a minimum, be available for interviews.

Discipline Lead Personnel

It is expected that all Consultant personnel performing design review be co-located on site. This requirement may be waived if it can be clearly demonstrated that timely design review can be accomplished off site and will not result in owner caused delay.

***Structure Lead**, a licensed Professional Engineer in the State of Colorado, representing CDOT Staff Bridge for structure design review and is the Engineer in Responsible Charge for Structures during construction, and the lead of construction inspection.

The Structure Lead PE (EIRC) will primarily perform major and other structure plan review, inspection work, and documentations. The Structure Lead shall have skills or experience in:

Design Review, Reading and interpreting plans and specifications, be detail oriented, be proactive, Drilling/Pile Driving, Caisson Inspection, Working with Cranes, Post tensioning, and the ability to work well with CDOT, contractors, public officials, property owners, and the traveling public.

Location: This position will be co-located in the field office.

Duration: It is expected this position will be full time for the major duration of the project.

***Roadway Lead**, a licensed Professional Engineer in the State of Colorado, that performs design review of Roadway, Utilities, Traffic (signing, lighting, pavement marking), Maintenance of Traffic and ITS. Knowledge of survey and how to operate survey equipment is a benefit. The Roadway Lead shall have the following experience or skills: Design Review, Reading and interpreting plans and specifications, Roadway, Utilities (Water, Storm and Sanitary Sewer, Electric, Etc.), Traffic (Signing, Lighting, Pavement Marking, Etc.), ITS, Landscaping, Aesthetics, Maintenance of Traffic, be detail oriented, be proactive, Survey, and the ability to work well with CDOT, contractors, public officials, property owners, and the traveling public.

Location: This position will be co-located in the field office.

Duration: It is expected this position will be full time for the major duration of the project.

The Structure and Roadway Leads shall be familiar with preparing Contract Modification Orders (CMO's), justifications for CMO's; price justification (force account analysis); review of MHT's, construction quantity calculations required for this type of project; inspection reports; daily diaries; site manager; review of 205's; and other construction administration documentation required per CDOT construction manual.

Geotechnical and Materials Lead, a licensed Professional Engineer in the State of Colorado, that performs design review, and is available during construction and construction inspections, this individual shall coordinate with the Region 2 Materials Engineer. The Geotechnical/Materials Lead shall have the following experience or skills: Design Review, Reading and interpreting plans and specifications, Geotechnical Engineering, Materials testing and trouble shooting, be detail oriented, be proactive, and the ability to work well with CDOT, contractors, public officials, property owners, and the traveling public.

Location: This position will be co-located in the field office during design and on site, as needed, for certain construction activities.

Duration:

This position is not expected to be full time, but available as needed, during design and construction activities.

Hydraulics Lead, a licensed Professional Engineer in the State of Colorado, that will coordinate with Region 2 Hydraulics Engineer, performing design review.

The Hydraulics Lead shall have the following experience or skills: Design Review, Reading and interpreting plans and specifications, Hydraulic Engineering, Storm Water Management Plan Compliance, MS4, FEMA Mapping, Flood Plane Mapping, be detail oriented, be proactive, and the ability to work well with CDOT, contractors, public officials, property owners, and the traveling public.

Location: This position will be co-located in the field office during design and on site, as needed, for certain construction activities.

Duration: This position is not expected to be full time, but available as needed, during design and construction activities.

Environmental Lead capable of design review and construction inspection. Coordination with Region 2 Environmental and Hydraulics personnel required. The Environmental Lead shall have the following experience or skills: Design Review, Reading and interpreting plans and specifications, Hazardous Materials, Voluntary Clean Up Plan, Material Management Plan, No Action Determination, EIS mitigation requirements, NEPA, and be detail oriented, be proactive, and the ability to work well with CDOT, contractors, public officials, property owners, and the traveling public.

Location: This position will be co-located in the field office during design and on site, as needed, for certain construction activities.

Duration: This position is not expected to be full time, but available as needed, during design and construction activities.

Other Project Personnel

***Office Manager/Document Control** responsible for all Project document control, meeting minutes and action item responsibility. The Office Engineer shall have the following experience or skills: Reading and interpreting plans and specifications be detail oriented be proactive, and the ability to work well in a team environment.

It is expected that the Consultant will provide the personnel to perform Document Control for the project. This would include but not be limited to the receipt, classification, recording, indexing, storing, and retrieval of all correspondence, design review and certification, assessments and non-conformance reports, requests for information, released for construction plans, as constructed plans, and any other project documentation. They would coordinate the review of the documents and other duties as assigned. The system necessary to provide an effective document control program shall be provided by CDOT and/or the Contracting team.

Location: This position will be co-located in the field office.

Duration: It is expected that this position be full time for the duration of the project.

Administrative Support familiar with heavy-highway construction, construction administration and document control assisting the Office Manager. The Administrative Support shall have the following experience or skills: recording meeting minutes, reading and interpreting plans and specifications, be detail oriented, be proactive, and the ability to work well in a team environment.

Location: This position will be co-located in the field office.

Duration:

It is expected that this position be part time (20-30 hours/week) for the duration of the project. 40 hour/week may be required as approved by CDOT Project Managers.

Structure Inspector, capable of both, design review and construction inspection, assisting and reporting to the Structure Lead and helping coordinate materials testing activities. The Structural Inspector shall have extensive experience in bridge projects and preferably design/build experience.

Location: This position will be co-located in the field office.

Duration: It is expected that this position be full time for the duration of the project or until structures are complete.

Project Scheduling analysis that may be done off-site, the schedule analysis shall be thorough and with significant and timely input at the beginning of the project and monthly written analysis with each schedule update. The Schedule Reviewer shall have the following experience or skills: Design/Build scheduling and review, Reading and interpreting plans and specifications, be detail oriented, be proactive.

Location: This position will be off site.

Duration: It is expected that this position be part time for the duration of the project as needed.

Construction Inspector(s) two (2) full time construction inspectors will be required to perform roadway, structure, utility, environmental, traffic, lighting, landscaping, hydraulic, and aesthetics inspections. Construction activities may require as many as five (5) inspectors during some durations of the project.

Location: These positions will be co-located in the field office.

Duration: It is expected that the two positions be full time for most of the duration of the project and the others as needed.

Materials Tester(s) two (2) full time materials will be required to perform field and laboratory tests on materials incorporated into the construction. These testers shall be certified and experienced in testing and documentation of concrete, hot mix asphalt (HMA), soils, and other materials used. Construction activities may require as many as six (6) testers during some durations of the project.

Location: These positions will be co-located in the field office.

Duration: It is expected that the two positions be full time for most of the duration of the project and the others as needed.

The Consultants shall be certified as defined by the requirements set. The Consultant personnel shall be certified or get certified in Railroad Safety for both the Union Pacific and Burlington Northern & Santa Fe railroads prior to beginning of project.

CDOT has developed a Construction Inspector Qualification Program, the following requirements will be mandatory on all CDOT projects.

The following chart, with the appropriate checked certifications, shall be included in all scopes of work.

Class/Certification	Consultant Project Engineer	Consultant Inspector	Consultant Tester
Basic Highway Math		X	X
Basic Highway Surveying	X	X	X
Basic Highway Plan Reading	X	X	X
Erosion Control Supervisor	X	X	X
Specialty Certifications			
CAPA Asphalt Inspection	X	X	X
Asphalt Inspection	X	X	X
WAQTC			X
Major Structures	X	X	
Other (As defined by the RE)			

A copy of work experience, references and/or proof of Licensing shall be provided, before work begins, to the CDOT Project Manager. CDOT shall have discretion on acceptance of proposed personnel.

Testing Equipment

The following equipment shall be furnished by the consultant in sufficient quantity and in good working order (with current calibration) to ensure accurate performance of all work required in a timely manner:

- Asphalt Content Gauge
- Nuclear Moisture-Density Gauge
- Concrete air meter, slump cone, and other concrete testing equipment.
- Sieves for aggregates and soil gradations
- Electronic scales
- Asphalt (metal buckets) & A/C (quart cans) sample containers and small tools
- Proctor equipment for soil curves and one point tests
- Atterburg, Rice value, and Sand Equivalent equipment
- Sample drying equipment
- Concrete cylinder molds which meet AASHTO requirements except that paper molds shall not be used, and plastic molds shall not be reused
- Miscellaneous equipment for performing the required soils, asphalt and concrete tests
- Possibly concrete cylinder test machine.

IV. DESIGN

Design Oversight

The Consultant will support CDOT in the oversight of the Design/Build Contractor's design of the project to verify compliance to the contract requirements. Design oversight will not include the directing of any aspect of the Contractor's design of the project, but will focus on the coordination with Contractor's design process to provide the CDOT/Consultant team design input throughout the development of the design. Design oversight will be integrated with the Contractor's program for the project to provide verification that the Contractor's Quality Program is being implemented in the design process.

It is expected that the Structure Lead, Roadway Lead, Geotechnical/Materials Lead, Hydraulics Lead, and Environmental Lead positions will be involved in design oversight.

Design oversight will include the following activities:

- A. Coordination of the design process in accordance with the requirements of subsection 3.2.3.1 of Section 3 Quality Management, of the RFP and the Contractors Approved Quality Program Manual.
- B. Participation in weekly design task force meetings with the Contractor to coordinate the design development within the Contractor's organizations and with CDOT, other affected agencies and stakeholders.
- C. Coordination with the Contractor to develop and implement Design Progress Review meetings around design completion milestones (30%, 60%, 90%, etc.), to allow for an informal review of Contractors design development.
- D. A detailed review of design as submitted by the Contractor.
- E. Certification that project designs, reports and plans are in accordance with the requirements of the Contract Documents.
- F. Certification that each Contractor submitted Release for Construction (RFC) Plans meet all Contract requirements.
- G. Coordination with Construction Oversight to verify that designs are being properly implemented in the field, and to coordinate acceptance of design changes required to respond to field conditions.
- H. Design assessments and non-conformance reports
- I. Design oversight will be provided by CDOT/Consultant team members with technical expertise in the following areas:
 - Roadway design.
 - Highway and interchange design.

- Structures design (including bridges, retaining walls and noise walls)
- Drainage design (including hydrology, hydraulics, storm water facilities, groundwater, floodplain analysis and mapping, FEMA coordination, MS4, storm water pollution plans and erosion control plans).
- Utilities coordination and design (including relocation of water, gas, electric, and telecommunication utilities, including but not limited to the relocations of CDOT, Pueblo Board of Water Works, Black Hills Energy, Excel Energy, Comcast, Century Link, and privately owned utilities).
- Traffic design (including maintenance of traffic, signing, pavement marking, construction traffic control, signal design and ITS).
- Geotechnical analysis and design (including foundations design, pavement design, earthwork stabilization, and groundwater analysis).
- Environmental Mitigation (including hazardous materials, noise walls, water quality, EIS Mitigation, preservation of cultural and historical resources, wetlands preservation).
- Architectural, landscaping, lighting, and urban design.

V. SUPPLEMENTAL WORK

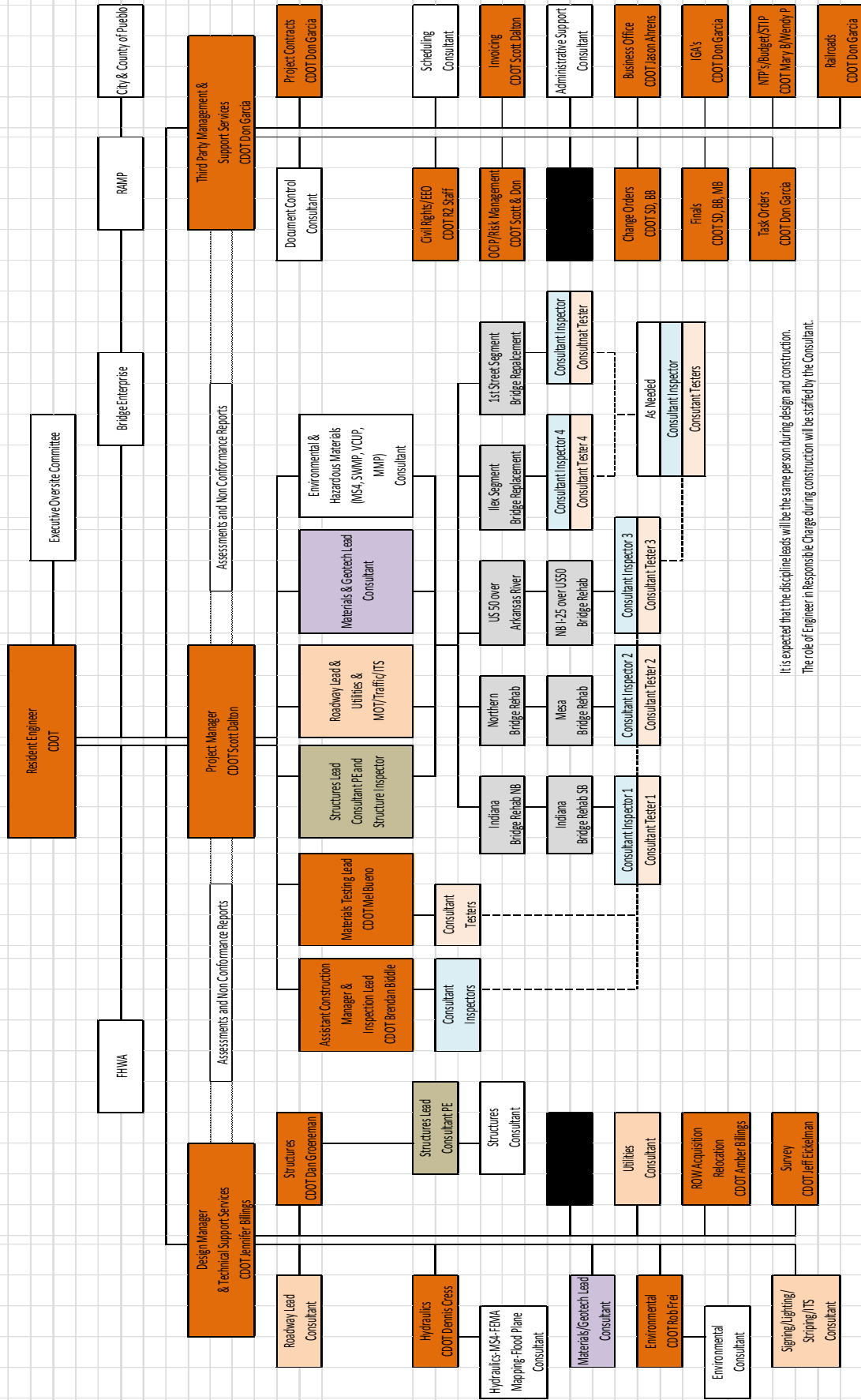
It is anticipated that this contract may be supplemented for:

- Construction Services
- Construction Engineering
- Final Earthwork Determination
- Review of the “as-constructed” plans
- Document Transfer
- Filing – Moving documents from field office to 902 Erie office

VI. STAFFING CHART

See page 14.

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It is expected that the discipline leads will be the same person during design and construction. The role of Engineer in Responsible Charge during construction will be staffed by the Consultant.