

### SUPPLEMENTAL WORK AUTHORIZATION NO. 2 TO WORK AUTHORIZATION NO. 2

### WILLIAMSON COUNTY ROAD BOND PROJECT: IH-35 Frontage Road Conversion

This Supplemental Work Authorization No. 2 to Work Authorization No. 2 is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated October 10, 2014 ("Contract") and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and Binkley & Barfield, Inc. (the "Engineer").

WHEREAS, the County and the Engineer executed Work Authorization No. 2 dated effective December 8, 2015 (the "Work Authorization");

WHEREAS, pursuant to Article 14 of the Contract, amendments, changes and modifications to a fully executed Work Authorization shall be made in the form of a Supplemental Work Authorization; and

WHEREAS, it has become necessary to amend, change and modify the Work Authorization.

### **AGREEMENT**

NOW, THEREFORE, premises considered, the County and the Engineer agree that the Work Authorization shall be amended, changed and modified as follows:

- II. The Services to be Provided by the Engineer that were set out in the original Attachment "B" of the Work Authorization are hereby amended, changed and modified as shown in the attached revised Attachment "B" (must be attached).
- III. The Work Authorization shall terminate on December 31, 2019. The Services to be Provided by the Engineer shall be fully completed on or before said date unless extended by an additional Supplemental Work Authorization. The revised Work Schedule is attached hereto as Attachment "C" (must be attached).
- IV. The maximum amount payable for this Work Authorization is increased from \$1,739,752 to \$1,803,161

Except as otherwise amended by prior or future Supplemental Work Authorizations, all other terms of the Work Authorization are unchanged and will remain in full force and effect.

This Supplemental Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.

IN WITNESS WHEREOF, the County and the Engineer have executed this Supplemental Work Authorization, in duplicate, to be effective as of the date of the last party's execution below.

| COUNTY:          |
|------------------|
| By: Signature    |
| Printed Name     |
| Title July       |
| Date 0 K 6/25/10 |
|                  |

### LIST OF ATTACHMENTS

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

IN WITNESS WHEREOF, the County and the Engineer have executed this Supplemental Work Authorization, in duplicate, to be effective as of the date of the last party's execution below.

| ENGINEER:  | COUNTY:      |            |
|--|--------------|------------|
| By: Signature                                    | By:Signature |            |
| Brian Rice Printed Name                          | Printed Name |            |
| Vice President Title                             | Title        | <u>~</u>   |
| 6/21/18<br>Date                                  | Date         | ok 6/25/11 |
|  |              | 1          |
| LIST OF ATTACHMENTS                              |              |            |
| Attachment B - Services to be Provided by Engine | er           |            |
| Attachment C - Work Schedule                     |              |            |

Attachment D - Fee Schedule

### Attachment B - Services to be provided by Engineer

The general tasks below, not in the original scope of work, are proposed to be added to this WA:

- New Tasks:
  - Update TxDOT schematic only as follow:
    - Move north ramp RSE2
    - Adjust gore striping for the following ramps RNX2, RNE2, RSX2, RSE3 and RSX3
    - Incorporate additional lengths to RSE2 on the mainlines to tie-in to the future auxiliary lane under the proposed Ronald Reagan bridge.
  - o Update IAJR to incorporate these changes
  - o Update TxDOT PS&E plans and associated documents, except schedules, required by TxDOT checklists to incorporate changes made to the schematic.

### WA 2 Exclusions:

- Scope of work does not include construction phase services
- Conversion of files to 3D design.
- Access control management for existing driveways
- o Future interchanges and ramps design
- o Environmental reevaluation
- Update to previously submitted Design Exceptions based on schematic revisions
- Drainage report update
- Design and time
- Additional geotechnical services

### Total Fee to be added:

| Project Management: | \$ 5,759 |
|---------------------|----------|
|                     |          |

Schematic & PS&E: \$42,250

IAJR & Traffic Operation: \$804

Drainage: \$ 6,448

Reimbursable: \$1,078

Total: \$63,409

### Attachment C - Work Schedule

| Milestone | Task Description          |                  | Begin Date     | End Date  |
|-----------|---------------------------|------------------|----------------|-----------|
| Task 1    | Project Management        |                  | 6/18/18        | 3/31/19   |
| Task 2    | Schematic and IAJR Revisi | ons              | 6/19/18        | 12/13/18  |
| Task 3    | PS&E Design Phase Service | es               | 8/25/18        | 1/10/19   |
| Task 4    | Letting Phase             | On TxDOT Letting | Schedule for M | arch 2019 |

## 35 FR Proposed Project Schedule

| Task Name                       | Duration (day) | Start      | Finish     |   |
|---------------------------------|----------------|------------|------------|---|
| Prepare sub agreement           | 2              | 6/18/2018  | 6/20/2018  |   |
| SCHEMATIC & ENVIRONMENTAL PHASE |                |            |            |   |
| 100% Schematic                  | 21             | 6/19/2018  | 7/10/2018  | Includes QA/QC and revisions (one week)   |
| GEC/TxDOT Concurrent Review     | 14             | 7/11/2018  | 7/25/2018  | Schedule comment resolution meeting beginning of review week 2                      |
| TxDOT Review meeting            |                | 7/26/2018  | 7/26/2018  |   |
| Receive TxDOT comments          | 14             | 7/26/2018  | 8/9/2018   |   |
| Address final comments          | 14             | 8/10/2018  | 8/24/2018  |   |
| 100% Approval by TxDOT DES      | 61             | 8/25/2018  | 10/25/2018 |   |
| Update IAJR                     | 21             | 6/26/2018  | 7/17/2018  |   |
| IAJR GEC/Austin District Review | 14             | 7/17/2018  | 7/31/2018  |   |
| Address IAJR Comments           | 7              | 8/1/2018   | 8/8/2018   |   |
| TxDOT submit IAJR to Division   | 6              | 8/8/2018   | 8/14/2018  |   |
| IAJR Division Review            | 42             | 8/14/2018  | 9/25/2018  | 30 BD   |
| Address IAJR Division Comments  | 7              | 9/26/2018  | 10/3/2018  |   |
| TxDOT submit IAJR to FHWA       | 1              | 10/3/2018  | 10/4/2018  |   |
| IAJR FHWA Review                | 43             | 10/4/2018  | 11/16/2018 | 30 BD + 1 holiday   |
| Address IAJR FHWA Comments      | 9              | 11/19/2018 | 11/28/2018 | 2 holidays  |
| FHWA approves IAJR              | 14             | 11/29/2018 | 12/13/2018 |   |
| PS&E DESIGN PHASE SERVICES      | 138            | 8/25/2018  | 1/10/2019  |   |
| 100% PS&E                       | 33             | 8/25/2018  | 9/27/2018  | finish PS&E after schematic 100% comments are addressed (2 weeks for final QA/QC an |
| GEC/TxDOT Concurrent Review     | 14             | 9/28/2018  | 10/12/2018 | Schedule comment resolution meeting beginning of review week 2                      |
| TxDOT Review meeting            |                | 10/5/2018  | 10/5/2018  |   |
| Receive TxDOT comments          | 14             | 10/5/2018  | 10/19/2018 |   |
| Address final comments          | 21             | 10/20/2018 | 11/10/2018 | Includes QA/QC (one week)   |
| 100% Approval by TxDOT DES      | 60             | 11/11/2018 | 1/10/2019  |   |
| LETTING PHASE                   | 36             | 3/1/2019   | 3/31/2019  |   |
| Begin Advertisement             | 30             | 3/1/2019   | 3/31/2019  | Verify letting date   |
| Open Contractor Bids            |                | 3/31/2019  |            |   |

Assumed NTP 6/18/2018

### ATTACHMENT D - WA #2

PRIME PROVIDER NAME: Binkley & Barfield, Inc.
PROJECT NAME: IH-35 Frontage Road Conversion • Bud Stockton Loop to FM 972
Work Authorization #2 • IH-35 Frontage Road Conversions
6/15/2018

| \$ 63,409  | ,     |              |        |           |         | \$ 13.558 | \$ 49,852 | \$63,409    | TOTAL PROJECT COST                                    |
|------------|-------|--------------|--------|-----------|---------|-----------|-----------|-------------|---|
| \$ 1,078   | L     |              |        |           |         |           | \$ 1,078  | \$1,078     | PROJECT EXPENSE ESTIMATE                              |
| \$ 62,332  | -     | \$           | -      | ٠         | ,       | \$ 13,558 | \$ 48,774 | \$62,332    | TOTAL LABOR FOR DESIGN SERVICES                       |
|            |       |              |        |           |         |           |           |             |   |
|            |       |              |        |           |         |           |           |             |   |
| ,          |       |              |        |           |         |           | \$        |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | X. BID PHASE SERVICES                                 |
|            |       |              |        |           |         |           |           |             |   |
|            |       |              |        |           |         |           | \$        |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | IX. ENVIRONMENTAL                                     |
|            |       |              |        |           |         |           |           |             |   |
|            |       |              |        |           |         |           | •         |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | VIII. GEOTECHNICAL                                    |
|            |       |              |        |           |         |           |           |             |   |
|            |       |              |        |           |         |           | 5         |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | VII. PUBLIC INVOLVEMENT                               |
|            |       |              |        |           |         |           |           |             |   |
| \$ 6,448   |       |              |        |           |         | \$ 6,448  |           |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | VI. DRAINAGE  |
|            |       |              |        |           |         |           |           |             |   |
| \$ 804     |       |              |        |           |         |           | \$ 804    |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | V. IAJR & TRAFFIC OPERATIONS                          |
|            |       |              |        |           |         |           |           |             |   |
| **         |       |              |        |           |         |           | . \$      |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | IV. TOPOGRAPHIC AND ROW SURVEYS                       |
|            |       |              |        |           |         |           |           |             |   |
| \$ 42,250  |       |              |        |           |         | \$ 3,688  | \$ 38,582 |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | III. FRC SCHEM) PRELIM AND RDWY DESIGN (60.90 & 100%) |
| \$ 7.072   |       |              |        |           |         | \$ 2,860  | \$ 4,212  |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | II. GA / GC AND PROJECT SPECIFIC GA/QC PLAN           |
|            |       |              |        |           |         |           |           |             |   |
| \$ 5,759   |       |              |        |           |         | \$ 563    | \$ 5,198  |             | SUBTOTAL  |
|            |       |              |        |           |         |           |           |             | I. PROJECT HANAGEMENT                                 |
|            |       |              |        |           |         |           |           |             | TASK NO DESCRIPTION                                   |
| TASK TOTAL | CO #P | Raba-Kistner | inland | CoxMcLain | Altance | Ľ,        | 88        | GRAND TOTAL | 1H-35 FRONTAGE ROAD CONVERSIONS                       |
|            |       |              |        |           |         |           |           |             | 41 - 41 - 44 - 44                                     |

# Attachment D - WA #2 RATE SCHEDULE Binkley, & Barfeld - Prime Binkley, & Barfeld - Prime pment, Prehiminary Design, Final Design and Construction Documents

PRIME PROVIDER NAME: Binday & Barfield, Inc.
PROJECT NAME: 91-35 Frontage Road Conversion - Bud Stockton Loop to FM 972
Word Authorization 82 - IH-35 Frontage Road Conversions
6/15/2018

| TABLE DESCRIPTION   PROJECT   MANAGES   MANA   | 18       |               | 466.22                 | 000%        | WIE MI    | 0.00%    | 30 927%              | 0.00%    | 14 60%                | ÇELIW,    | SUBTOTAL   |
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|  |          | $\rightarrow$ | 39                     |             | 24        |          | 20                   |          | 8                     |           | Update PS&E to match revised limit Schematic Design and cross sections   |
|  |          | -             |                        |             |           |          |                      |          |                       |           | Additional Tests   |
|  |          | Н             | ×                      |             |           |          | 16                   |          | 4                     |           | Update schemutc  |
|  |          | Н             |                        |             |           |          | ×                    |          | ~                     |           | Redesign Famou   |
|  |          | Н             |                        |             |           |          |                      |          |                       |           | Drodge Development (Actions(45))   |
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|  | \$0.00   | r             | \$0.00                 | 30 00       | \$500     | 15 83    | \$1 #00 00           | 3000     | 92 412 00             | \$0.00    | TOTAL UBOR COSTS   |
|  | \$45 00  | Г             | \$100,00               | \$200.00    | \$95.00   | 2112 00  | 1150.00              | 3185,00  | \$201 00              | \$201 00  | CONTRACT RATE PER HOUR   |
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|  |          |               |                        |             |           |          | 10                   |          | ನ                     |           | QA / QC for FRC Feral Schematic (Supplemental WA2-SWA2)  |
| MANAGER   MANA   |          | ٦             |                        |             |           |          |                      |          |                       |           | IL OA FOC AND PROJECT SPECIFIC DAVIC PLAN  |
|  | CADD     | 9 -           | Sr.<br>CADD<br>NAVACER | PRODUCTION  | ÉIT       | ENGMER   | ENGINEGT<br>ENCINEGT | SENGNEER | SI PROJECT<br>MANAGER | PRINCIPAL | TASK DESCRIPTION   |
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| MARCES   M   |          | П             |                        |             |           |          |                      |          |                       |           |  |
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| 1/4    | 900      |               | 9400 00                | \$0.00      | \$300.00  | 90.00    | \$1 200 00           | 90.00    | \$3.216.00            | 10.00     | TOTAL LABOR COSTS  |
| 1/4    | 8        |               | \$100.00               | 1200.00     | 805 00    | 00.511   | \$150.00             | \$185.00 | \$201.00              | \$731.00  | CONTRACT PAIE PER HOUR   |
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| TAM DESCRIPTION PROJECT SURVEY PROJE |          | H             | ٠                      | Ī           |           |          |                      |          | 10                    |           | <ol> <li>Additional general Adminishation, internal progress meserge industry Sub-Consultant Coordination</li> </ol> |
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|  | CADD     | _             | 9                      | PARCOUCTION | Eșt       | DESIGN   | PROJECT              | SOMOS    | S. PROJECT            | PRINCYPAL | TASK DESCRIPTION   |

# Attachment D - WA #2 ARTE SCHEDULE RATE SCHEDULE Binday & Barted - Prime Schematic Development, Preliminary Design, Final Design and Construction

PRIME PROVIDER NAME: Blinday & Barfield, Inc.
PROJECT NAME: (M-JS Frontage Road Conversion - Bud Stockton Loop to FM 972
Work Authorization #2 - M-JS Frontage Road Conversions
4/15/2018

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# Attachment D - WA #2 RATE SCHEDULE Binkey & Barfield - Prime Binkey & Barfield - Prime Prefiminary Design Find Design and Construction Document.

Sc PRIME PROVIDER NAME: Binkley & Barfield, Inc. PROJECT NAME: IM-35 Frontage Road Conversion - Bud Stockton Loop to FM 972 Work Authorization 52 - IM-35 Frontage Road Conversions 615/2018

| BURTOTAL, |   | , DISTRIBUTION OF STAFFING | YOTAL LABOR COSTS | CHICAGO PAIG TEATHOR | TO A CONTROL OF THE | SUB-TOTALS | TABLILATE BIDS AND RECONNEND PROJECT AWARD | ASSOCIATE DOCUMENT IN CONTRACT BID CHARACT | EDMIT THAT FOR HATTLE TO THE TOTAL BATT AND | 1 ATTEND AND COORDINATE A PRE-DIO CYNAFERENCE | NO PHANE ADDITION |            | TASK DESCRIPTION |   | THE TOTAL | DISTRIBUTION OF STAFFING | TOTAL LABOR COSTS | NTRACT RATE PER HOUR | OURS SUBTOTALS |   | X. BYMROHMBYTAL STUDIED AND REPORT | FABR GESCHETTON        | EUSTOTAL. |   | DISTRIBUTION OF STAFFING | OTAL LABOR COSTS | NITRACT RATE PER HOUR | CURS SUB-TOTALS |   |   | ART CARCILLOSSICATIONS AND RESORT | TABL DESCRIPTION        | UNITOTAL. |   | DISTRIBUTION OF STAFFING | OTAL CABOR COSTS | NTRACT RATE PER HOUR | CURS SUB-TOTALS |   |  | ALL PUBLIC GEVOLVENENT | TABLE DESCRIPTION  |
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|           |   | 5                          |                   |                      |                     |            |  |  |   |   |                   | PRI        |                  |   |           |                          |                   | at .                 |                |   |                                    | PRI                    | -         |   |                          | _                | 36                    |                 |   |   |                                   | 78                      |           |   |                          |                  |                      |                 |   |  |                        | Pa                 |
|           |   |                            | 690               | 5271.00              | 1                   | •          |  |  |   |   |                   | PRINCIPAL  |                  |   |           | 6                        | 90.00             | 201.00               | 9              |   |                                    | PRINCIPAL              |           | L | *                        | 12-00            | 5221.00               | 9               |   |   |                                   | PRENCEPAL.              | L         | L | 1                        | 16:00            | 1221 00              | e               | L |  |                        | PRINCIPAL          |
|           |   |                            | 100 00            | 200.00               |                     |            |  |  |   |   |                   | MANAGER    | D3rose 5         |   |           | - C                      | 96 80             | (20 to 00)           | 0              |   |                                    | SI, PROJECT<br>MANAGER |           |   |                          | 90.00            | 8291 00               | g               |   |   |                                   | SI, PROJECT<br>SIANAGER |           |   | -                        | 16:00            | 1201 00              | a               |   |  |                        | MANAGER<br>MANAGER |
|           |   |                            | 100.00            | 3180.00              |                     |            |  |  |   |   |                   | ENGINEER   | SENIOR           | ľ |           |                          | 60.08             | 500 6917             | .0             |   |                                    | SENGNEER               |           |   | 3                        | 10:00            | \$185.00              | 9               |   |   |                                   | ENGNEER                 |           |   |                          | 58               | 2180,00              | 0               |   |  |                        | ENGMEER            |
|           |   |                            | 90.00             | COUNTY               |                     |            | 1.0  |  |   |   |                   | ENGINEER   | PROJECT          |   |           | -                        | 90.00             | 20,000               | 0              |   |                                    | PROJECT                |           |   | 2                        | 90.00            | 16660                 | ø               |   |   |                                   | ENGINEER                |           |   |                          | 9000             | 200001               | D               |   |  |                        | ENGINEER           |
|           |   |                            | 90.00             | 1111,00              | -                   |            | -  |  |   |   |                   | ENGINEER   | MONE 30          |   |           |                          | 50.00             | \$775.00             |                |   |                                    | DESIGN<br>ENGANEER     |           |   |                          | 68               | \$195.00              | 9               |   |   |                                   | DESKAN<br>ENCANCER      |           |   | 6                        | 彩岩               | 21112                | a               |   |  |                        | ENGMEER            |
|           |   |                            | 00.0%             | DOI NOT              |                     | ,          | 100  |  |   |   |                   |            | 183              |   |           |                          | 00 00             | 00.58\$              | 0              |   |                                    | EIT                    |           |   |                          | 80.00            | 995.00                | 9               |   |   |                                   | EIT                     |           |   |                          | 86-90            | 901-00               | 0               |   |  |                        | Ę                  |
|           |   |                            | 50 00             | 32/00 00             |                     |            |  |  |   |   |                   | MANAGER    | PRODUCTION       | ľ | Ì         |                          | 8000              | 9200 00              | 0              |   |                                    | MANAGER                |           |   | -                        | 50.00            | 90 005                |                 |   | _ | Ī                                 | MANAGER                 |           |   | -                        | 30.00            | 30 0000              | 0               |   |  | 1                      | MANAGER            |
|           |   |                            | BOG               | \$100.00             |                     | ,          |  | Ī  | Ī   |   | 1                 | CADO       | ę                |   | Ī         |                          | 10 00             | 00.0015              | 0              |   |                                    | SY<br>CADID<br>MANAGER |           |   |                          | 50 00            | 5100 001              | 0               |   |   | Ī                                 | CAGO<br>CAGO            |           |   | ,                        | 90.00            | 1100.00              | 0               |   |  |                        | CAGO               |
|           |   |                            | 00.00             | 549-90               |                     |            |  |  |   | İ   |                   | OPERATOR   | CADD             |   | İ         |                          | 600               | 96-96                | 0              |   |                                    | OPERATOR               |           |   |                          | 863              | 560,00                | 9               |   |   |                                   | OPERATOR                |           |   |                          | 30.00            | 20.00                |                 |   |  |                        | OPERATOR           |
|           | 1 |                            | 90 00             | 365 00               | -                   |            |  |  |   | Ì   |                   |            | CLERICAL         |   | İ         | -                        | \$0.00            | 100:00               | ٥              |   |                                    | CLERICAL               |           |   |                          | 90.00            | 965.00                |                 |   |   |                                   | CLERICAL                |           |   | 4                        | 90.00            | 165.00               | 0               |   |  |                        | GEHICAL            |
| \$4,00    |   |                            | 50.00             |                      | ٥                   | ,          | ٥  | ٥  |   | 1   |                   | LABOR HRS. | TVTOI            | - |           |                          | 2000              |                      | 0              | ٥ |                                    | LABOR HRS<br>& COSTS   | \$4.00    |   |                          | 20.00            |                       | 0               | 0 | 0 |                                   | LOSES                   | 10.00     |   |                          | 10.00            |                      | 0               |   |  |                        | LODGE HES          |

Attachment D - WA #2
RATE SCHEDULE
Binkiey & Barded - Prime
Schematic Development, Preliminary Design, Final Design and Construction Documents

PRIME PROVIDER NAME: Biniday & Barfield, Inc.
PROJECT NAME: IH-35 Frontaga Road Conversion - Bud Stockton Loop to FM 972
Work Authorization #2 - IH-35 Frontaga Road Conversions
4/15/2018

| MAYLA E STANDON'S MORPH  |           |           |  |   |  |   |   | Ę    | OLYT COP LPA |
|--|-----------|-----------|--|---|--|---|---|------|--------------|
|  |           |           |  |   |  |   |   | TASK | TASK         |
| PROJECT MANAGEMENT   |           |           |  |   |  |   |   | 32   | \$ 5 196,00  |
| IL ON FICE AND PROJECT SPECIFIC GARGEPLAN  |           |           |  |   |  |   |   |      | 3 4212.00    |
| III, SCHEMATIC AND DESIGN DOCUMENTS  |           |           |  |   |  | _ |   | 290  | \$ 26,562.00 |
| N. TOPOGRAPHIC AND ROW SURVEYS   |           |           |  |   |  |   |   | 0    |              |
| V. JAJR & TRAFFIC OPERATIONS   |           |           |  |   |  |   |   |      | \$ 404.00    |
| VI. DRANAGE  |           |           |  |   |  |   |   | D    |              |
| VII PUBLIC INVOLVEMENT   |           |           |  | _ |  |   |   | ٥    |              |
| VII GEOTECHWCAL  |           |           |  |   |  |   | _ | D    | *            |
| IX. ENVERONMENTAL  |           |           |  | _ |  |   |   | 6    | *            |
| X. BID PHASE SERVICES  |           |           |  |   |  |   |   | 0    | *            |
|  |           |           |  |   |  |   |   |      |              |
| BUILTOTAL LABOR EXPERSES   |           |           |  |   |  |   | _ | 350  | S 40,774,00  |
|  |           |           |  |   |  |   | _ |      |              |
| CITATA CONSCI EXPERIENCES  | FOF UNITS | COSTIGNET |  |   |  |   |   |      |              |
| lableage (if of males) (current IRS rate)  | 100       |           |  |   |  | _ |   |      | \$ 57.50     |
| Par dem  |           | \$ 26,000 |  |   |  | _ |   |      |              |
| 1040   |           | \$ 85,000 |  |   |  |   |   |      |              |
| Photocopum BW (11 X 17)  | 300 \$    |           |  | L |  |   |   |      | \$ 50.00     |
| White triples (i.e. x 12)  |           | \$ 3,000  |  |   |  |   |   |      |              |
| Color Roll plat  | \$ 027    |           |  |   |  |   |   |      | \$ 945,00    |
| CD Archaye   |           | \$ 5,000  |  |   |  |   |   |      |              |
| Protocopys Cotor (8.5 X 11)  | 300       | \$ 0.750  |  |   |  |   |   |      | \$ 15.00     |
| Photograpus Calpr (11 X 17)  | 10 \$     | \$ 1000   |  |   |  |   |   |      | 10.00        |
|  |           |           |  |   |  |   |   | _    | \$           |
| BURTOTAL DIRECT EXPENSES   |           |           |  |   |  |   |   | -    | \$ 1,077.50  |
|  |           |           |  |   |  |   |   | L    |              |
|  |           |           |  |   |  |   |   |      |              |
| No. of the last of |           |           |  |   |  |   |   |      |              |

| OA/OC for 100% Adjustion Review Imagement to GEC Schemine Comments Respond to 100% GEC comments Respond to 100% GEC comments Respond to 100% TuDOT comments Seepond to 100% TuDOT comments | A Power Management (1)  General Curcus Daugement (1)  General Curc | Revise Etrakon Control Plan Sheets (Sheets 19 & 20):  Revise SN/JP Sheet  5.18 TOTAL HOURS  0.5  9.05 TOTAL HOURS  10.5 | Rennia Internal Crampago Area Sheets (Sheets 24 & 25)  Rennia Dirampago Layout Sheets (Sheets 24 & 25)  Rennia Dirampago Layout Sheets (Sheets 24 & 25)  Rennia Diram Calculation Sheets  Rennia Stom Sheets  Rennia Stom Sheets  Rennia Stom Sheets  Rennia Stom Sheets  Sheets Stom Sheets  2.0  Update O martly Summarine  3.05  SUSD and Eroution Control Plans IAM 4 revised manual  3.08  SWSP and Eroution Control Plans IAM 4 revised manual  3.08  SWSP and Eroution Control Plans IAM 4 revised manual | SUB TOTAL HOURS 0.0 SUB TOTAL HOURS 0.0 | SUB TOTAL HOURS 0.0 TASK 8 - FINAL PSAE DEVELOPMENT SUB TOTAL HOURS 5.0 8.1 100% Residuely (PME1 & RSK1) | SUB TOTAL HOURS 0.0 2.16 Schematic Milestone QA/OC and Comment Resolution SUB TOTAL FEE 50 | 2.2 Pretinitary Crainage beeign  Update dranage memo with latest dranage calculations (1 iteration)  Update dranage memo with latest dranage calculations (1 iteration)  SUB TOTAL HOURS  9.08 TOTAL FEE  9.09 Tredininary Rump & Austriary Lune Design  2.3 Fredininary Rump & Austriary Lune Design  9.08 TOTAL FEE  9.09 Tredininary Rump & Austriary Lune Design | Monthly Proposed Reports (assume 1)   0.5 | Meetings Staff Meetings (1) Missione Meetings (Assume no Tabo) | Senot Project  TASK DESCRIPTION  TASK DESCRIPTIO |
|---|--|---|--|---|--|--|--|---|--|--|
|   |  | Ш   | 8 8 0 0 0  |   | 90   | 0.0  | 0 0  | 15 0 5 5                                  | +++  |  |
| d d   | 8 6  | 88  | 8 8  | 8 0                                     | 8 8  | \$5.00   | 8.8  | 88  | 0.5  | sior Engineer Pa<br>175,00<br>HOURS  |
| 0.0   | 2.0<br>2.0<br>2.0<br>6.0<br>\$870  | \$ 0.0  | 4.0<br>2.0<br>8.0<br>\$870   | \$0.0                                   | 90 00  | 8 8  | \$0.0  | # S                                       | 9.5  | IH35 Schaf Engineer Project Engineer 175.00 187.00 187.00 187.00   |
| 20<br>20  | 6.0<br>4.0<br>10.0<br>\$1,300  | 2.0<br>1.0<br>3.0<br>\$390  | 5.0<br>6.0<br>5.0<br>2.0<br>2.0<br>33.0  | 0.0<br>\$0                              | 5 0 0  | 800  | \$0<br>0.0   | 8 0                                       | 90.0   | IH 35 Frontsge Roads<br>cer E.L.T<br>110,09<br>HOURS   |
| 0.0   | 0.0  | 50.0  | 88   | #6 C                                    | 0.0<br>\$0   | 0.0  | 0.0  | 500                                       | 800  | Semon Cadd<br>Itanager<br>110.00<br>HOURS  |
| 00  | 0.0  | 2.0<br>2.0<br>\$160   | 4.0<br>4.0<br>\$320  | # 0.0                                   | 30   | 0.0  | 0.0  | 500                                       | 0.0  | CADO Operator<br>60,00<br>FCURS  |
| 500   | 0.0  | 0.0   | 50<br>0.0  | 0.0                                     | 0.0<br>\$0   | 0.0  | 0.0  | 900                                       | 0.0  | GIS Analysis<br>Cartegraphy<br>110.09<br>FCQU45  |
| 8 9   | 90   | \$ 8  | \$ 0.0   | \$ 0.0                                  | 900  | 0.0  | 0.0  | #5 00                                     | 0.0  | GIS Technician<br>91,00<br>ICQUAS  |
| 80 90<br>80 90  | \$0.00<br>0.00   | * 88  | 0.0  | \$0.00                                  | 900  | 0.0  | 0.0  | 0.5<br>0.5<br>1.0                         | \$0.0  | 0.08<br>0.08   |
| 8.0<br>0.0<br>4.0<br>0.0<br>4.0<br>4.0<br>16.0  | 9.0<br>3.0<br>1.0<br>7.0<br>20.0<br>\$3,030  | 4.5<br>1.0<br>5.5<br>\$658  | 6.0<br>15.0<br>7.0<br>5.0<br>10.0<br>4.5<br>47.5   | 0.0<br>0.0<br>0.0<br>0.0                | 0.0<br>0.0<br>\$0.0  | 0.0<br>0.0<br>0.0  | 0.0<br>0.0<br>0.0  | 1.0<br>1.0<br>2.0<br>\$295                | 1.5<br>0.0<br>1.5<br>\$268                                     | Senton<br>Long   |
|   | 3.0<br>2.0<br>1.0  | 1,0   | 2.0<br>2.0<br>2.0<br>2.0<br>2.0  | 1.0<br>2.0<br>45.0                      |  |  |  |   |  | Number of<br>Shorth  |
|   | 1.5<br>1.5<br>7.6  | 1.0   | 7.5<br>7.5<br>2.5<br>4.5   | 90 000<br>000                           |  |  |  |   |  | HoundSheet   |

| LIA'S OVERHEAD DIRECT COSTS           |                    |          |            |
|---------------------------------------|--------------------|----------|------------|
|                                       |                    |          | 3          |
| DIRECT REIMBURSABLE EXPENSES          | Rate               | Quantity | Cost       |
| .odging/Hotel                         | \$85.00            |          | OK) US     |
| Mean                                  | \$36.00            |          | NI US      |
| Whiteler                              | \$0.575            |          | (ii) (i)\$ |
| karsal Car                            | \$45.00            |          | U\$        |
| Standard Fretage                      | \$0,42             |          | \$0.00     |
| Deeringht Mail - letter sare          | \$16,00            |          | \$0.00     |
| Pretright Mail - ownsoud bus.         | \$30.00            |          | \$11.00    |
| Journel Services (Deliveries)         | \$30.00            |          | Strict     |
| CALIFO Plonting (per INQT-1)          | \$1.50             |          | HIIS       |
| Bothnuspica B W (# \$ N T1)           | \$0,10             |          | \$0.00     |
| hotoupics B W (11 X [7)               | \$0.15             |          | 00 OZ      |
| Solucopics Calve (4 X 10)             | \$0.75             |          | \$0.00     |
| Subwaphen Cubin (10 X 17)             | \$1.00             |          | Sn m       |
| Shadano Blackfore Praets (11" \\ 17") | \$0.20             |          | \$0.00     |
| Newtone Blackbare Prants (22" N 34")  | \$0.50             |          | II\$       |
| Pleta (B W on Bend)                   | \$2.00             |          | \$0.00     |
| Plota (Color on Bund)                 | \$2.00             |          | \$0.00     |
| Plots (Color on Photographs: Paper)   | \$5.50             |          | \$0.00     |
| Mylar () (1 N (7)                     | \$3.00             |          | \$0.00     |
| Traffic Counts                        | \$2,000.00         |          | BIOLOG     |
| Durchiw                               | 11.50              |          | PU US      |
|                                       | TOTAL DIRECT COSTS | CTCOSTS  | 50.00      |

|             |             |                     |        |                                  | 1                   |
|-------------|-------------|---------------------|--------|----------------------------------|---------------------|
| TOTAL FEE   | TOTAL HOURS | TASK DESCRIPTION    |        |                                  |                     |
| \$3,547,50  | 16.5        | HOURS               | 215.00 | Senior Project                   |                     |
| \$1,137,50  | 6.5         | HOURS               |        |                                  |                     |
| \$1.812.50  | 12.5        | HOURS               | 145.00 | Senior Engineer Project Engineer | CHI                 |
| \$6,500.00  | 50.0        | HOURS               | 130.00 | EUT.                             | H 35 Frontage Roads |
| \$0.00      | 0.0         | Seffor              | 110.00 | Senior Cadd<br>Manager           |                     |
| \$480.00    | 6.0         | HODAS               | 80.00  | CADD Operator                    |                     |
| \$0.00      | 0.0         | SEUCH               | 110.00 | GIS Analysti<br>Cartography      |                     |
| \$0.00      | 0.0         | HOURS               | 95.00  | GIS Technician                   |                     |
| \$80.00     | 1.0         | HOLAS               |        | Clerical                         |                     |
| \$13,557.50 | 92.5        | HOURS               |        | Total                            |                     |
|             |             | Number of<br>Sheets |        |                                  |                     |
|             |             |                     |        |                                  |                     |