

RESOLUTION NO. 21255

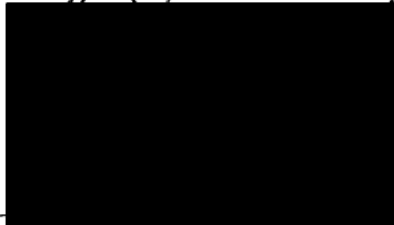
Background

The Illinois State Toll Highway Authority (the "Tollway"), pursuant to Resolution No. 20209 approved January 23, 2014, entered into an Agreement with Parsons Transportation Group, Inc. on Contract RR-13-4116 for Roadway Reconstruction Design Services, on the Reagan Memorial Tollway (I-88) from Milepost 138.1 (York Road Plaza) to Milepost 140.5 (I-290).

Per Tollway request, Parsons Transportation Group, Inc. has submitted a proposal to provide Supplemental Design Services for Contract RR-13-4116, increasing the contract upper limit by \$534,000.00 from \$3,348,578.95 to \$3,882,578.95. It is necessary and in the best interest of the Tollway to accept the proposal from Parsons Transportation Group, Inc.

Resolution

The Chief Engineering Officer is authorized to negotiate a Supplemental Agreement with Parsons Transportation Group, Inc. consistent with the aforementioned proposal to increase the contract upper limit by \$534,000.00, subject to the approval of the Acting General Counsel. The Chairman or the Executive Director is authorized to execute the Agreement and the Chief Financial Officer is authorized to issue warrants in payment thereof.

Approved by: Chairman


RR-13-4116

Vendor InformationCLOSE WINDOW  HELP**Vendor Information**

Business Name **D B Sterlin Consultants, Inc., DBA N/A**
 Owner **Reynold Sterlin**
 Address **123 N. Wacker Dr., Ste. 2000**
 > [Map This Address](#) **Chicago, IL 60606**
 Phone **312-857-1006**
 Fax **312-857-1056**
 Email **rjeune@dbsterlin.com**
 Website **<http://www.dbsterlin.com>**

Certification Information

Certifying Agency **City of Chicago**
 Certification Type **MBE - Minority Business Enterprise**
 Certification Date **2/28/2017**
 Renewal Date **4/15/2018**
 Expiration Date **4/15/2021**
 Certified Business Description **NAICS 541330 Engineering services
 NAICS 541370 Surveying and mapping services (except geophysical)
 NAICS 541611 Administrative Management and General Management Consulting Services
 NAICS 541620 Environmental Consulting Services
 NAICS 237310 Construction management, highway, road, street and bridge
 NAICS 237990 Construction management, dam
 NAICS 237990 Construction management, marine structure
 NAICS 237990 Construction management, mass transit
 NAICS 237990 Construction management, outdoor recreation facility
 NAICS 237990 Construction management, tunnel**

Commodity Codes

Code	Description
NAICS 237310	Construction management, highway, road, street and bridge
NAICS 237990	Construction management, dam
NAICS 237990	Construction management, marine structure
NAICS 237990	Construction management, mass transit
NAICS 237990	Construction management, outdoor recreation facility
NAICS 237990	Construction management, tunnel
NAICS 541330	Engineering services
NAICS 541370	Surveying and Mapping (except Geophysical) Services
NAICS 541611	Administrative Management and General Management Consulting Services
NAICS 541620	Environmental consulting services

RR-13-4116

Vendor Information

CLOSE WINDOW

 HELP

Vendor Information

Business Name **Singh & Associates, Inc.**
 Owner **Mr. Sadhu Singh Rikhiraj**
 Address **230 W MONROE ST STE 1400**
 > [Map This Address](#) **CHICAGO, IL 60606-4802**
 Phone **312-629-0240**
 Fax **312-629-8449**
 Email **singh@singhinc.com**
 Website **<http://www.singhinc.com>**

Certification Information

Certifying Agency **Cook County**
 Certification Type **MBE - Minority Business Enterprise**
 Certification Date **11/23/2016**
 Renewal Date **11/23/2017**
 Expiration Date **11/23/2019**
 Certified Business Description **Licensed Professional Services: Design & Construction Engineering Services**

Commodity Codes

Code	Description
NAICS 541330	Construction engineering services
NAICS 541330	Engineering design services
NAICS 541330	Engineering services

Customer Support

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RR-13-4116

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

SE3, LLC

Vernal Stewart
230 SW Main St. Ste. 213
Lee's Summit, MO
64063-0000

Email: vstewart@se3.us

Phone: 630-641-9900

Fax: 708-469-2566

County: Jackson

Categories: Architecture\Engineering, Professional

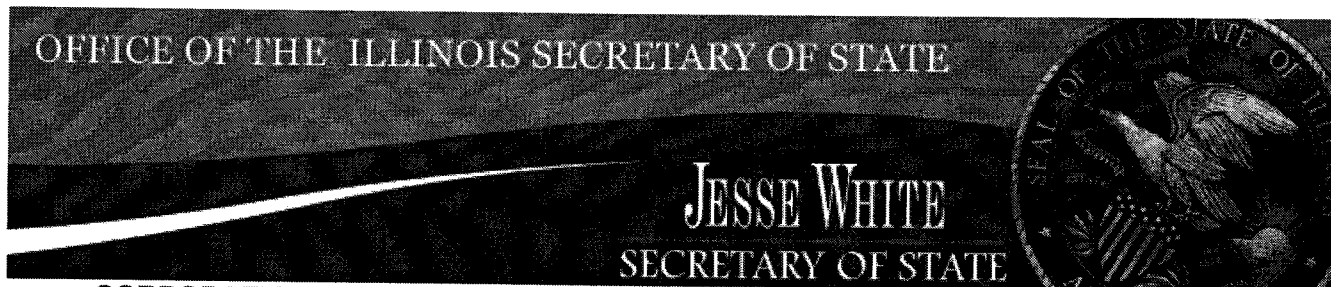
NAICS

541330-Engineering Services
541512-Computer Systems Design and Related Services
541611-Management Consulting Services

Speciality

541330 - Freeways, Roads and Streets, Traffic Signals, Studies: Traffic and Safety, Reconstruction/Major Rehabilitation, Rehabilitation and Construction Inspection
541611 - Program Management, Program Controls
541512 - Systems Design/Deployment

RR-13-4116



CORPORATION FILE DETAIL REPORT

File Number	20843454		
Entity Name	PARSONS TRANSPORTATION GROUP INC.		
Status	ACTIVE		
Entity Type	CORPORATION	Type of Corp	DOMESTIC BCA
Incorporation Date (Domestic)	12/23/1929	State	ILLINOIS
Agent Name	C T CORPORATION SYSTEM	Agent Change Date	03/18/1992
Agent Street Address	208 SO LASALLE ST, SUITE 814	President Name & Address	MICHAEL W JOHNSON 2420 LAKEMONT AVE STE 450 ORLANDO FL 32814
Agent City	CHICAGO	Secretary Name & Address	CLYDE E ELLIS, JR 100 M STREET SE WASHINGTON, DC 20003
Agent Zip	60604	Duration Date	PERPETUAL
Annual Report Filing Date	01/19/2017	For Year	2016
Assumed Name	INACTIVE - PARSONS TRANSPORTATION GROUP INC.		
Old Corp Name	01/17/1992 - DE LEUW, CATHER & COMPANY 02/24/1994 - PARSONS DE LEUW, INC. 11/02/1998 - DE LEUW, CATHER & COMPANY		

[Return to the Search Screen](#)[Purchase Certificate of Good Standing](#)

(One Certificate per Transaction)

OTHER SERVICES

[File Annual Report](#)[Adopting Assumed Name](#)[Articles of Amendment Effecting A Name Change](#)[Change of Registered Agent and/or Registered Office Address](#)[BACK TO CYBERDRIVEILLINOIS.COM HOME PAGE](#)

RR-13-4116

PARSONS

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

14:43 04/25/17

ACTION: S

VENDOR NUMBER= *** [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *

CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 04/25/17 AT 14:44 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** [REDACTED]. PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

14:43 04/25/17

ACTION: S

VENDOR NUMBER= **** [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *

CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 04/25/17 AT 14:44 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

RR-13-4116

Singh & Assoc.

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

14:43 04/25/17

ACTION: S

VENDOR NUMBER= ****

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *

CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 04/25/17 AT 14:45 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****. PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

RR-13-416

SE3, LLC.

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

14:43 04/25/17

ACTION: S

VENDOR NUMBER= ***

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *

CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 04/25/17 AT 14:45 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ***. PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH



**Subcontractor Information/Delinquent Debt Review
Contractor/Consultant
Sub Contractor/Consultant
FEIN**

Date: April 25, 2017

Project Number: PSB 13-2; Item 1 RR-13-4116

Project Name: I-88, Roadway Reconstruction, York Road to I-290 Phase II

**DELINQUENT DEBT REVIEW
CONTRACTOR/
CONSULTANT**

Sub Contractor/Consultant Disclosure.

Will you be using any sub-consultants/contractors? Yes No

If yes, you must identify below, to the extent the information is known, regardless of the subcontract value, the names, addresses and type of work all Sub-Contractors/Consultants that will be utilized in the performance of this Contract, together with the anticipated dollar value (Contractors) or percentage (Consultants) each is expected to receive pursuant to this Contract. The list of subcontractors should include but not be limited to subcontractors, suppliers and truckers proposed to achieve disadvantaged business enterprise and veteran owned business goals. The State may request updated information at any time. For purposes of this section Sub-Contractors/Consultants are those specifically hired to perform part of the work of this contract. Non-DBE suppliers and truckers do not need to be included.

Upon request, our firm agrees to provide a copy of the subcontract, if required, within fifteen (15) days after execution of the contract if selected, or after execution of the subcontract, whichever is later, for those subcontracts with an annual value of more than \$50,000. All subcontracts over \$50,000 must include the same certifications that the Vendor must make as a condition of the contract. The vendor shall include in each subcontract the subcontractor certifications as shown on the Standard Subcontractor Certification form available from the State.

Delinquent Payment. The Contractor/Consultant certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The Contractor/Consultant further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the Contractor/Consultant or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

Contractor/Consultant: Parsons Transportation Group, Inc
10 South Riverside Plaza, Suite 400, Chicago, Illinois 60606

Federal Employment Identification Number (FEIN) [REDACTED]

E-Mail: richard.hill@parsons.com

Include an attachment if more space is needed to provide the below information. The attachment must provide the requested information.

NOTE for Construction Contracts: List all known subcontractors including those identified in the Bid Package on DBE Form 2025 and VOSB Form 2025, and include any name listed in the "Under Contract To" section of these forms.

<u>Sub-Contractor(s)</u>	<u>Sub-Contractor FEIN</u>	<u>Address</u>	<u>General Type of Work</u>	<u>Anticipated Amount to be Paid (to extent known)</u>
DB Sterlin Consultants, Inc.		123 N. Wacker Drive Suite 2000, Chicago, IL 60606	Survey, Inspection, Road & Bridge Design	\$287,547.09
Wang Engineering, Inc		1145 N. Main St., Lombard, IL 60148	Geotechnical	\$513,351.29
Singh & Associates, Inc		230 W. Monroe St., Suite 1400, Chicago, IL 60606	Lighting, Signing, Pavement Marking	\$348,303.50

SE3, LLC		3041 Woodcreek Dr. Suite 211, Downers Grove, IL 60515	Barrier Warrants, ITS	\$297,429.43
2im Group, LLC		118 S. Clinton St., Suite 350, Chicago, IL 60661	Landscaping, Erosion Control, ESIS	\$112,593.02

Signature: _____

[Redacted Signature]

Date: April 25, 2017

Printed Name: Richard A. Hill

DESIGN SECTION ENGINEER
FIRST SUPPLEMENTAL AGREEMENT

The Board of Directors, on the 27th day of **April, 2017**, authorized this **FIRST SUPPLEMENTAL AGREEMENT** to be entered into by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY, an instrumentality and administrative agency of the State of Illinois, hereinafter sometimes referred to as "TOLLWAY", and **PARSONS TRANSPORTATION GROUP**, a **corporation** authorized and existing within the laws of the State of Illinois, hereinafter sometimes referred to as "DESIGN SECTION ENGINEER".

W I T N E S S E T H:

WHEREAS, the TOLLWAY selected the DESIGN SECTION ENGINEER from **PSB 13-2, Item 1**, and DESIGN SECTION ENGINEER entered into an agreement on **January 23, 2014**, to provide design section engineering services (hereinafter "Services") for Contract No. **RR-13-4116** for **Roadway Reconstruction, Reagan Memorial Tollway (I-88), Mile Post 138.1 (York Road Plaza) to Mile Post 140.5 (I-290)**; and

WHEREAS, additional supplemental Services are necessary due to the increased scope of the work; and

WHEREAS, DESIGN SECTION ENGINEER has submitted a proposal dated **April 25, 2017**, a copy of which is attached hereto as Exhibit "1", to provide said additional Services, and it is in the best interest of the TOLLWAY to accept said proposal.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties hereto mutually covenant and agree as follows:

ARTICLE I

General Provisions

Except as modified or changed herein, all terms, provisions and conditions contained in the original agreement between the TOLLWAY and the DESIGN SECTION ENGINEER dated **January 23, 2014** ("Original Agreement") and commonly referred to as Contract No. **RR-13-4116**, shall govern this agreement and be in full force and effect, however, any changes to multipliers, unit costs, prices and/or rates of compensation shall only be applied to Services rendered solely under this Supplement pursuant to changes in the scope of work. The supplemental proposal attached as Exhibit "1" is hereby made a part of this Supplemental Agreement.

ARTICLE II

Time of Performance

The DESIGN SECTION ENGINEER shall perform the services herein in accordance with the schedule included at Exhibit "A" in the attached proposal.

ARTICLE III

Reaffirmation of Original Agreement

All covenants and agreements contained in the Original Agreement made and entered into by and between the TOLLWAY and DESIGN SECTION ENGINEER and all prior Supplemental Agreements, if any, to provide Services for Contract No. **RR-13-4116 for Roadway Reconstruction, Reagan Memorial Tollway (I-88), Mile Post 138.1 (York Road Plaza) to Mile Post 140.5 (I-290)** are reaffirmed and shall govern this Agreement as if fully set forth herein, it being the intent that this Agreement shall be a supplement to said agreement(s).

ARTICLE IV

Record Retention and Audit

In compliance with the Illinois Procurement Code (30 Ill. Comp. Stat. 500/20-65) and rules promulgated thereunder, every CONTRACT for goods and services shall provide that the contractor shall maintain certain records, books and documents.

The DESIGN SECTION ENGINEER shall maintain in the State of Illinois, for a minimum of five years from the latter of the date of completion of the CONTRACT or the date of final payment under the CONTRACT, adequate books, records, and supporting documents from an accounting system maintained in accordance with generally accepted accounting principles to verify the amounts, recipients, uses and methods of all disbursements of funds passing in conjunction with the CONTRACT. The five year record maintenance period shall be extended for the duration of any audit in progress at the time of that period's expiration. The DESIGN SECTION ENGINEER shall at its own expense make such records available in a timely manner for inspection and audit (including copies and extracts of records) as required by the Auditor General and other State Auditors, the Chief Procurement Officer for General Services, the Illinois Department of Transportation, and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents at all reasonable times and without prior notice. For purposes of this section, "timeliness" will be considered production within the time period specified by the Auditor General and other State Auditors, the Chief Procurement Officer for General Services, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, but no later than thirty days after a request for records being made unless otherwise agreed to by the parties. The DESIGN SECTION ENGINEER agrees to cooperate fully with any audit conducted by the Auditor General and other State Auditors, the Chief Procurement Officer for General Services, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, and to provide full access

to all relevant materials. The auditors reserve the right to enter the DESIGN SECTION ENGINEER's place of business in order to audit the records. If they are not produced in a timely manner by the DESIGN SECTION ENGINEER, then the DESIGN SECTION ENGINEER shall reimburse the TOLLWAY or other State agency for the travel expenses of its auditors in the event that this right is invoked.

The obligations of this Section shall be explicitly included in any subcontracts or agreements formed between the DESIGN SECTION ENGINEER and any subcontractors or suppliers of goods and services to the extent that those subcontracts or agreements relate to fulfillment of the DESIGN SECTION ENGINEER's obligations to the TOLLWAY. Such subcontractor shall be required to comply with the terms and conditions of this Section and the TOLLWAY shall be entitled to enforce a breach of that contract.

Any audit adjustment will be submitted on a final invoice for any underpayment or overpayment to the DESIGN SECTION ENGINEER or its subcontractors. The DESIGN SECTION ENGINEER shall promptly reimburse the TOLLWAY for any overpayment, or the TOLLWAY at its option may deduct any overpayment from any funds due the DESIGN SECTION ENGINEER, whether those funds are due under this contract or other contracts to which the DESIGN SECTION ENGINEER is a party either directly with the TOLLWAY or as a subcontractor. In the event the DESIGN SECTION ENGINEER fails or refuses to reimburse the TOLLWAY for an overpayment, the DESIGN SECTION ENGINEER shall be responsible for all costs, including attorney fees, incurred by the TOLLWAY to collect such overpayment.

Failure to maintain or make available the books, records, and supporting documents required by this Section shall establish a presumption in favor of the TOLLWAY for recovery of any funds paid by the TOLLWAY under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.

The DESIGN SECTION ENGINEER shall reimburse the TOLLWAY for the total costs of an audit that identifies significant findings that would benefit the TOLLWAY, including but not limited to reasonable attorney's fees and other expenses. Significant findings for the purposes of this provision shall be identified as an amount in excess of \$50,000 in aggregate of the audit report or findings of material performance or compliance deficiencies.

If the DESIGN SECTION ENGINEER fails to comply with these requirements, the DESIGN SECTION ENGINEER may be disqualified or suspended from bidding on or working on future contracts.

ARTICLE V

Compensation

The upper limit of compensation for said supplemental Services for Contract No. **RR-13-4116 for Roadway Reconstruction, Reagan Memorial Tollway (I-88), Mile Post 138.1 (York Road Plaza) to Mile Post 140.5 (I-290)** performed by the DESIGN

SECTION ENGINEER under the Original Agreement and including the services set forth herein, is hereby increased from \$3,348,578.95 by \$533,941.64 to \$ 3,882,540.59.

ARTICLE VI

Report of a Change in Circumstances

The DESIGN SECTION ENGINEER agrees to report to the TOLLWAY as soon as practically possible, but no later than 21 days following any change in facts or circumstances that might impact the DESIGN SECTION ENGINEER's ability to satisfy its legal or contractual responsibilities and obligations under this contract. Required reports include, but are not limited to changes in the DESIGN SECTION ENGINEER's Certification/Disclosure Forms, the DESIGN SECTION ENGINEER's IDOT pre-qualification, or any certification or licensing required for this project. Additionally, the DESIGN SECTION ENGINEER agrees to report to the Tollway within the above timeframe any arrests, indictments, convictions or other matters involving the DESIGN SECTION ENGINEER, or any of its principals, that might occur while this contract is in effect. This reporting requirement does not apply to common offenses, including but not limited to minor traffic/vehicle offenses.

Further, the DESIGN SECTION ENGINEER agrees to incorporate substantially similar reporting requirements into the terms of any and all subcontracts relating to work performed under this agreement. The DESIGN SECTION ENGINEER agrees to forward or relay to the Tollway any reports received from subcontractors pursuant to this paragraph within 21 days.

Finally, the DESIGN SECTION ENGINEER acknowledges and agrees that the failure of the DESIGN SECTION ENGINEER to comply with this reporting requirement shall constitute a material breach of contract which may result in this contract being declared void.

IN WITNESS WHEREOF, the parties hereto have executed this **FIRST SUPPLEMENTAL AGREEMENT** for **RR-13-4116** the day and year first above written.

THE ILLINOIS STATE TOLL
HIGHWAY AUTHORITY

PARSONS TRANSPORTATION
GROUP

By  6/16/17
Chair/Executive Director-Signature Date
Robert Schillerstrom/Greg Bedalov


 4/26/17
President-Signature Date
VICE PRESIDENT

RICHARD A. HILL
Printed Name as Signed Above

APPROVED:

 6/14/17
Chief of Finance - Signature Date
Michael Colsch

APPROVED:

ACTING  4/12/17
General Counsel - Signature Date
~~David Goldberg~~
ELIZABETH OPLAWSKI

Approved as to Form and Constitutionality

 6-9-2017
Attorney General, State of Illinois - Robert Lane - Signature Date

**PROPOSAL
TO THE
ILLINOIS STATE TOLL HIGHWAY AUTHORITY
FOR SUPPLEMENTAL DESIGN SECTION ENGINEER SERVICES**

FOR CONTRACT NUMBER RR-13-4116

This proposal, dated April 25, 2017, is submitted by Parsons Transportation Group of Chicago, Illinois for Design Section Engineer's Service.

DESCRIPTION/LOCATION OF DESIGN SECTION

The location of the construction Contract RR-13-4116 for which we propose to provide Design Section Engineering Services is from Mile Post 138.1 to Mile Post 140.5 on the Reagan Memorial Tollway (I-88), in DuPage and Cook County (Counties), Illinois.

REAFFIRMATION OF ORIGINAL AGREEMENT

All terms of the original agreement and any amendments thereto are hereby reaffirmed except as herein modified.

SCOPE OF SUPPLEMENTAL DESIGN ENGINEERING SERVICES

The Supplemental Engineering Services, more fully detailed in ***Exhibit F***, attached hereto, will be executed in conformance with the terms contained in the original agreement for DESIGN SECTION ENGINEER's Services except where herein modified.

FEE PROPOSAL

The DESIGN SECTION ENGINEER shall be compensated for these Supplemental Engineering Services on the following basis:

**PAYROLL COST TIMES A MULTIPLIER, PLUS REIMBURSEMENT OF
CERTAIN DIRECT EXPENSES, WITH AN UPPER LIMIT OF COMPENSATION.**

PAYROLL COSTS AND MULTIPLIER - During the course of the project, compensation shall be equal to Actual Direct Labor Costs (less overtime premium) multiplied by a factor of 2.80 to compensate for **Payroll Burden and Fringe Costs, Overhead and Miscellaneous Indirect Costs, and Profit**. This factor shall be used for periodic invoicing during the project.

AGREEMENT LIMITS

The following limits contained in the existing agreement are amended as follows:

The Upper Limit Compensation shall be increased

from \$ 3,348,578.95 by \$ 533,961.64 to \$ 3,882,540.59.

RECORD RETENTION AND AUDIT - In compliance with the Illinois Procurement Code (30 Ill. Comp. Stat. 500/20-65) and rules promulgated thereunder, every CONTRACT for goods and services shall provide that the contractor shall maintain certain records, books and documents.

The DESIGN SECTION ENGINEER shall maintain in the State of Illinois, for a minimum of five years from the latter of the date of completion of the CONTRACT or the date of final payment under the CONTRACT, adequate books, records, and supporting documents from an accounting system maintained in accordance with generally accepted accounting principles to verify the amounts, recipients, uses and methods of all disbursements of funds passing in conjunction with the CONTRACT. The five year record maintenance period shall be extended for the duration of any audit in progress at the time of that period's expiration. The DESIGN SECTION ENGINEER shall at its own expense make such records available in a timely manner for inspection and audit (including copies and extracts of records) as required by the Auditor General and other State Auditors, Chief Procurement Officer, the Illinois Department of Transportation, and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents at all reasonable times and without prior notice. For purposes of this section, "timeliness" will be considered production within the time period specified by the Auditor General and other State Auditors, Chief Procurement Officer, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, but no later than thirty days after a request for records being made unless otherwise agreed to by the parties. The DESIGN SECTION ENGINEER agrees to cooperate fully with any audit conducted by the Auditor General and other State Auditors, Chief Procurement Officer, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, and to provide full access to all relevant materials. The auditors reserve the right to enter the DESIGN SECTION ENGINEER's place of business in order to audit the records. If they are not produced in a timely manner by the DESIGN SECTION ENGINEER, then the DESIGN SECTION ENGINEER shall reimburse the TOLLWAY or other State agency for the travel expenses of its auditors in the event that this right is invoked.

The obligations of this Section shall be explicitly included in any subcontracts or agreements formed between the DESIGN SECTION ENGINEER and any subcontractors or suppliers of goods and services to the extent that those subcontracts or agreements relate to fulfillment of the DESIGN SECTION ENGINEER's obligations to the TOLLWAY. Such subcontractor shall be required to comply with the terms and conditions of this Section and the TOLLWAY shall be entitled to enforce a breach of that contract.

Any audit adjustment will be submitted on a final invoice for any underpayment or overpayment to the DESIGN SECTION ENGINEER or its subcontractors. The DESIGN SECTION ENGINEER shall promptly reimburse the TOLLWAY for any overpayment, or the TOLLWAY at its option may deduct any overpayment from any funds due the DESIGN SECTION ENGINEER, whether those funds are due under this contract or other contracts to which the DESIGN SECTION ENGINEER is a party either directly with the TOLLWAY or as a subcontractor. In the event the DESIGN SECTION ENGINEER fails or refuses to reimburse the TOLLWAY for an overpayment, the DESIGN SECTION ENGINEER shall be responsible for all costs, including attorney fees, incurred by the TOLLWAY to collect such overpayment.

Failure to maintain or make available the books, records, and supporting documents required by this Section shall establish a presumption in favor of the TOLLWAY for recovery of any funds paid by the TOLLWAY under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.

The DESIGN SECTION ENGINEER shall reimburse the TOLLWAY for the total costs of an audit that identifies significant findings that would benefit the TOLLWAY, including but not limited to reasonable attorney's fees and other expenses. Significant findings for the purposes of this provision shall be identified as an amount in excess of \$50,000 in aggregate of the audit report or findings of material performance or compliance deficiencies.

If the DESIGN SECTION ENGINEER fails to comply with these requirements, the DESIGN SECTION ENGINEER may be disqualified or suspended from bidding on or working on future contracts.

INVOICES - INVOICES will be submitted monthly on forms provided to the DESIGN SECTION ENGINEER at the start of the project. The invoice cutoff date will coincide with the Monthly Progress Report. All payroll documentation and costs relating to this project will be available for audit by the TOLLWAY upon request.

INVOICES for services performed and expenses incurred through December 31st must be submitted to the TOLLWAY no later than February 28th of the subsequent year. The DESIGN SECTION ENGINEER expressly acknowledges that the TOLLWAY, at its discretion, reserves the right not to honor any delinquent INVOICE if the DESIGN SECTION ENGINEER fails to obtain prior written approval from the Chief Engineering Officer for an alternative INVOICE submission date. DESIGN SECTION ENGINEER will

request such approval or an INVOICE submittal extension no later than February 15th.

PARTIAL PAYMENTS

Partial payments to the DESIGN SECTION ENGINEER shall be made in accordance with the terms of the original agreement except that reference to the Total Estimated Fee and Upper Limit of Compensation, shall be interpreted to be the Amended Total Estimated Fee and Amended Upper Limit of Compensation.

REVISIONS TO SUPPLEMENTAL SCOPE OF WORK

The scope of supplemental work shall be as detailed in *Exhibit F*. All requirements of the SCOPE OF WORK contained in the original agreement for services shall apply to this supplemental work as well.

**THIS PROPOSAL FOR SUPPLEMENTAL DESIGN SECTION ENGINEERING
SERVICES FOR**

CONTRACT RR-13-4116

SUBMITTED BY:

FIRM NAME: Parsons Transportation Group

ADDRESS: 10 South Riverside Plaza, Suite 400

**CITY, STATE &
ZIP CODE:** Chicago, Illinois 60606

TELEPHONE: 312-930-5237

FACSIMILE: 312-930-0018

SIGNED BY:



PRINTED NAME: Richard A. Hill

TITLE: Vice President

EXHIBIT F

CONTRACT RR-13-4116

(Parsons Transportation Group)

SCOPE OF SERVICES

4116 Supplemental Agreement #1 Scope Items

1. I-88 Over Roosevelt Road (Str. 215 & 216) (Parsons)

Scope of work – Structural repairs include repair delaminated, spalled and cracked concrete on the existing substructure and superstructure; repair beam ends on existing superstructure; repair existing deck to remain with full and partial depth slab repairs. Widening consists of widening deck on bridges by approximately 6.08' EB, 22.75' WB, by 325' in length. Work includes: revisions to TS&L, extending four piers and two abutments; use of driven piles and micro-piles; new widened deck; add new beams; NAW on WB bridge; new approach slabs; and parapet for each bridge structure. Design effort at Roosevelt includes all the work in the original base scope for repair plus additional effort for the widened structure, and for additional widening to accommodate the extended noise abatement wall.

Tasks

- Structural design, plans, specifications and cost estimate for Str. 215 & 216.

Assumptions

- Structural design effort includes rehabilitation hours in original scope plus additional effort for widened structure. Credit provided for original contract hours for rehabilitation plans.

2. York Road Over I-88 (Str. 281) (Parsons)

Scope of work – Full Bridge Replacement for two span bridge with an overall length of about 420' and an out to out deck width of 67'-2" with a 55 degree skew. Substructure consists of stub abutments and a multi-column pier. Abutments will utilize both driven piles and micro-piles. Pier will be founded on driven piles.

Tasks

- Structural design, plans, specifications and cost estimate for replacement structure

Assumptions

- Structural design effort includes rehabilitation hours in original scope plus additional effort for new structure. Credit provided for original contract hours for rehabilitation plans.

3. I-88 over Ramps D & E (Str. 210T) (Parsons)

Rev. 3/1/2017

EXHIBIT "1"

Scope of work – Remove and replace existing parapets above portals with 42” parapets. Removal and replacement of existing waterproof membrane on tunnel roof. Membrane work to be done during I-88 mainline reconstruction.

Tasks

- Structural design, plans, specifications and cost estimate for modifications described above.

4. I-88 Westbound Retaining Wall (DB Sterlin)

Scope of work – Newly proposed wall – This item includes wall design and configuration, as well as wall type analysis and report, and detailing of the associated moment slab.

5. Relocation of Sign Structure (DB Sterlin)

Scope of work – Location changes and foundation redesign for both I-88 and Roosevelt Road sign structures.

6. I-88 Geometric Modifications at I-294 (Parsons)

Scope of work – Revisions to I-88 mainline, Ramp E, Ramp F roadway, alignment and profile.

Tasks

- Create WB and EB I-88 mainline supplemental alignments
- Create WB and EB I-88 profiles
- Revise Ramp E and Ramp F alignments and profiles to match reconfigured I-88 geometry
- Modify I-88 median barrier and shoulder widths.
- Revise typical sections, maintenance of traffic concept and drainage inlets for revised I-88 geometry

7. Noise Abatement Walls (Parsons)

Scope of work – Extended Noise Abatement Walls including:

Barrier B – I-88 EB from York Road to Roosevelt Road, approximately 1,600’ in length, height 10’-22’ Barrier D – I-88 WB from west of Roosevelt Road to Ramp F (I-294), approximately 4,000’ in length, height 8’-18’.

Tasks

- Revise Typical Noise Abatement Wall sections
- Prepare Final Noise Abatement Wall design including proposed top/bottom of wall elevations
- Develop noise abatement wall design details

8. Lighting (Singh)

Scope of work - Proposed lighting plan revisions due to I-88 geometric revisions along I-88, Ramp E, Ramp F

9. Signing / Pavement Marking (Singh)

Scope of work - Proposed signing and pavement marking plan revisions due to I-88 geometric revisions along I-88, Ramp E, Ramp F

10. Roosevelt Road Underpass Lighting (Singh)

Scope of work - Additional underdeck lighting required for Roosevelt Road under I-88

Tasks

- Coordination with IDOT regarding maintenance and light levels
- Revise Photometric calculations and luminaire spacing
- Prepare detailed lighting plans and details.

11. Barrier Warrant Analysis (BWA) for York Road / Roosevelt Road (SE3)

Scope of work - Barrier Warrant Analysis for York Road and Roosevelt Road approaching I-88 bridges

Tasks

- Barrier Warrants based on IDOT policy
- Revise roadway plans to incorporate guardrail and terminal sections
- Additional Site visit to confirm field conditions from survey match current configuration in the field

Assumptions:

- Full Tollway BWA procedure not required for York/Roosevelt Road.

12. ITS policy updates (SE3)

Scope of work - An additional review of the Preliminary submittal design and assumptions will be required

13. Addition of ITS Scope items at I-294 (SE3)

Scope of work - There will be additional coordination near the I-294 interchange due to developments that began after 4116 concepts were submitted. Portions of Contracts RR-16-9192 and RR-14-9172 will require incorporate into 4116 or review to mitigate conflicts.

14. 3D Modeling (Parsons)

Scope of work - Existing, Sub-Grade and Proposed Final Grade data: provided at maximum spacing of 25'. Structures and Foundation data: all exterior limits of structures and foundations, for subsurface clash detection and vertical clearance determination. Utility data for all existing and proposed utilities 12" in size or greater.

15. Temporary York Road Signal (Parsons)

Scope of work - Temporary Traffic Signal plans for staged traffic along York Road. Shifting of signal heads required for bridge reconstruction. Existing signal configuration will be restored upon completion of York Road work.

Assumptions: Village of Oak Brook will own and maintain the traffic signals. Signal interconnect or special foundations will not be required.

16. INVEST (Parsons)

Scope of work - Develop and maintain INVEST scorecard and tracking sheet and coordination with Tollway INVEST team.

Tasks

- Develop concept scorecard and tracking sheet and sustainability workshop
- Updating scorecard tracking form through final plans.

EXHIBIT G

CONTRACT RR-13-4116

(Parsons Transportation Group)

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
Various Routes P-91-354-07	Phase I Program Management	\$5,761,356	\$780,000	Dec. 2017
US 52 MRB P/D-92-001-11	Phase I/II Services	\$9,178,943	\$590,000	Oct. 2018
US 45 Millburn D-91-424-12	Phase II Services	\$1,493,000	\$75,000	Sept. 2017
CREATE T.O. P-30-002-14	Phase I Services	\$750,000	\$23,000	Dec. 2018
Chain of Rocks P-30-004-15	Phase I Services	\$595,832	\$210,000	Aug. 2018
Various SCAT D-91-007-11, D-91-111-14, D-91-465-14, D-91-128-16	Phase II Services	\$3,150,000	\$1,294,000	June 2019
ITS Subcontracts HPR-66-001-14	Phase II Services	\$590,466	\$270,000	June 2018
I-90 CM I-14-4194	Phase III Services	\$5,000,000	\$720,000	Oct. 2017
DUR, Systemwide RR-14-4224	Phase II Services	\$374,528	\$120,000	Dec. 2017
Central Tri-State RR-14-4224	Phase I Services	\$5,911,285	\$1,500,000	Dec. 2017

Rev. 3/1/2017

EXHIBIT "1"

TIMS Maintenance ITS Services RR-14-9156	\$8,534,822	\$3,800,000	Dec. 2019
ITS Maintenance ITS Services RR-16-9194	\$6,000,000	\$6,000,000	April 2022



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/30/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LIC #CA 0C19812 1-816-960-9000 Lockton Companies, LLC-1 Kansas City 444 W. 47th Street, Suite 900 Kansas City, MO 64112-1906	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS:	FAX (A/C, No):													
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: NATIONAL UNION FIRE INS CO OF PITTS</td> <td>19445</td> </tr> <tr> <td>INSURER B: LEXINGTON INS CO</td> <td>19437</td> </tr> <tr> <td>INSURER C: INSURANCE CO OF THE STATE OF PA</td> <td>19429</td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: NATIONAL UNION FIRE INS CO OF PITTS	19445	INSURER B: LEXINGTON INS CO	19437	INSURER C: INSURANCE CO OF THE STATE OF PA	19429	INSURER D:		INSURER E:		INSURER F:
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INSURER D:															
INSURER E:															
INSURER F:															
INSURED Parsons Transportation Group Inc. 10 S. Riverside Plaza, Ste. 400 Chicago, IL 60606															

COVERAGES

CERTIFICATE NUMBER: 49970769

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC	X	GL17587105	01/01/17	01/01/18	EACH OCCURRENCE \$ 1,500,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 3,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	X	CA3194526 (MA) CA3194527 (AOS)	01/01/17 01/01/17	01/01/18 01/01/18	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	X	11665435	01/01/17	01/01/18	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	WC014629402 (CA) WC014629400 (MA/WI) WC014629399 (FL) WC014629401 (AOS)	01/01/17 01/01/17 01/01/17 01/01/17	01/01/18 01/01/18 01/01/18 01/01/18	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 PER CLAIM 1,500,000 IN AGGREGATE 3,000,000
B	ARCHITECTS & ENGINEERS PROFESSIONAL LIABILITY		11665420	01/01/17	01/01/18	PER CLAIM 1,500,000 IN AGGREGATE 3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

RE: Job No. 647975 - Illinois State Toll Highway Authority - I-88 Widening and Reconstruction (RR-13-4116) - MP 138.1 to MP 140.5 - Professional Engineering Services.

Contract End Date: 12/12/21

See attached Special Clauses and Endorsements.

CERTIFICATE HOLDER

Illinois State Toll Highway Authority

2700 Ogden Avenue

Downers Grove, IL 60515

USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ACORD 25 (2010/05)

Lockton-HA2

49970769

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EXHIBIT "1"

Page 13 of 125

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ENDORSEMENT

Insurance Primary as to Certain Additional Insureds

This endorsement, effective 12:01 A.M. 01/01/2017 forms a part of

Policy No. CA3194527 (AOS) issued to: PARSONS CORPORATION
CA3194526 (MA)

By: NATIONAL UNION FIRE INSURANCE COMPANY OF PITTSBURGH, PA

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

Section IV - Business Auto Conditions, B., General Conditions, 5., Other Insurance, c., is amended by the addition of the following sentence:

The insurance afforded under this policy to an additional insured will apply as primary insurance for such additional insured where so required under an agreement executed prior to the date of accident. We will not ask any insurer that has issued other insurance to such additional insured to contribute to the settlement of loss arising out of such accident.

All other terms and conditions remain unchanged.

SCHEDULE

Name of Person or Organization

WHERE REQUIRED BY WRITTEN CONTRACT OR AGREEMENT

POLICY NUMBER: CA3194527 (AOS)
CA3194526 (MA)

COMMERCIAL AUTO
CA 04 44 10 13

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: Parsons Corporation

Endorsement Effective Date: 01/01/2017

SCHEDULE

Name(s) Of Person(s) Or Organization(s):

Any person or organization for whom the Named Insured is required to provide a waiver

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
Illinois State Toll Highway Authority	Where required by written agreement or contract.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations; whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
Illinois State Toll Highway Authority	Where required by written agreement or contract.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Person Or Organization: Illinois State Toll Highway Authority
--

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.
--

The following is added to Paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us** of Section IV – Conditions:

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule above.

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE

05/30/2017

NAME OF INSURED: Parsons Transportation Group Inc.

Special Clauses

Additional Insured:

Except as respects Workers Compensation and Professional Liability Coverage and solely as respects work performed by the named insured, Illinois State Toll Highway Authority is included as an additional insured but only to the extent of the named insureds negligence.

Excess Liability:

Excess Liability follows form over the General Liability, Automobile Liability and Professional Liability policies

Primary Insurance:

Where required by contract and where applicable, the insurance evidenced herein is primary and non-contributing to valid and collectible coverage maintained by Illinois State Toll Highway Authority.

Contractual Liability:

General Liability includes Contractual Liability (insurance is available only to the extent provided by the policy).

Cancellation Notice:

The named insured, Parsons Corporation or its Insurance Broker shall notify the certificate holder of any cancellation, or reduction in coverage or limits, of any insurance within thirty (30) days of receipt of insurers' notification to that effect.

Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: Parsons Transportation Group

Contract Number: RR-13-4116

Proposal Date: 4/25/2017

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website

Contract Number: RR-13-4116 Consultant: Parsons Transportation Group

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2017												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Project Administration		16	16	16	16	16								80
Coordination/meetings		48	48	48	48	48								240
Roadway		110	120	110	110	112								562
Structures		480	480	430	430	428								2248
Cost														
Estimates/Schedule														
Bid Phase Services														
TOTALS		654	664	604	604	604								3130

Contract No.: RR-13-4116 Consultant: Parsons Transportation Group

Date: 4/25/2017

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

CONTRACT TERM: 5 No. OF MONTHS
 SCHEDULED START DATE: 2/1/2017
 RAISE DATE: 6/1/2017
 PERCENT OF RAISE: 3%

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date
2/1/2017	-	5/31/2017	6/1/2017	-	6/30/2017
4.0		5.0	1.0		5.0
80.00%	Escalation Factor First Period				
	20.60%				
	Escalation Factor Second Period				
	Escalation Factor Third Period				
	Escalation Factor Fourth Period				
	Escalation Factor Fifth Period				

ESCALATION PER YEAR Year 6 through 10

Date	Date	Date	Date	Date	Date
	-			-	
5.0		5.0		5.0	
	Escalation Factor Sixth Period				
	Escalation Factor Seventh Period				
	Escalation Factor Eighth Period				
	Escalation Factor Ninth Period				
	Escalation Factor Tenth Period				

The escalation factor for this project is: 100.60%

Contract No.: RR-13-4116

Consultant: Parsons Transportation Group

Date: 4/25/2017

Escalation Factor: 100.60%
(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES						DIRECT COST		
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	OVERTIME PREMIUM	
							Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	215.00		
No	Project Manager	\$40.00	\$70.00	\$60.82	\$61.18	320.00		
No	Senior Engineer/Planner	\$40.00	\$70.00	\$49.50	\$49.80	707.00		
No	Resident Engineer	\$40.00	\$70.00					
No	Project Engineer/Planner	\$25.00	\$60.00	\$40.79	\$41.03	390.00		
No	Staff Engineer/Planner	\$20.00	\$40.00	\$34.57	\$34.78	395.00		
No	Engineer /Accountant	\$20.00	\$60.00	\$32.57	\$32.77	340.00		
No	Senior Technical Specialist	\$25.00	\$60.00	\$42.33	\$42.58	450.00		
No	Technical Specialist	\$15.00	\$50.00	\$27.05	\$27.21	225.00		
No	Architect	\$30.00	\$70.00					
No	Realty Specialists	\$20.00	\$70.00					
No	Intern	\$8.25	\$20.00					
No	Admin/Clerical	\$8.25	\$40.00	\$27.96	\$28.13	88.00		
<p>Total Estimated Work Hours: 3,130.00</p> <p>Average Hourly Rate: \$44.24</p> <p>Total Direct Labor: \$138,471.20</p>							<p>Total Estimated O/T Hours:</p> <p>Average Premium O/T Hourly Rate:</p> <p>Total Overtime Premium:</p>	

Contract No.: RR-13-4116

Consultant: Parsons Transportation Group

Date: 4/25/2017

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	Senior Engineering Manager	Hill, Richard	\$50 - \$70
Project Manager	Senior Engineering Manager	Magliola, Robert	\$40 - \$70
Senior Engineer/Planner	Supervising Engineer	DiGiulio, Roger	\$40 - \$70
	Supervising Engineer	Gulden, Jeffrey	
	Supervising Engineer	Pakeltis, Anthony	
	Supervising Engineer	Ude, Todd C.	
	Supervising Engineer	Zuo, Jiahong	
	Supervising Engineer	Patel, Kishor R.	
	Principal Engineer	Patel, Rajesh	
	Principal Engineer	Grayburn, Cory	
	Principal Engineer	Harrison, Nick	
	Principal Engineer	Haney, Timothy J.	
	Senior Engineer	Ayuso, Manuel A.	
	Senior Engineer	Bachand, Marc L.	
	Senior Engineer	Elza, Peter	
	Senior Engineer	Moore, Craig A.	
	Senior Engineer	Nuthmann, Conrad	
	Senior Engineer	Sherman, Jennifer J.	
	Senior Engineer	Simkus, Susan D.	
	Senior Engineer	St Peter, David L.	
	Senior Engineer	Xing, Guiyan	
	Senior Engineer	Sotto, Orlando C.	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Principal Engineer	Bondhus, Jacob	\$25 - \$60
	Engineer II	Zafar, Muhammad F.	
Staff Engineer/Planner	Engineer I	Ahmed, Mustofa N.	\$20 - \$40
	Engineer I	Anderson, Eryk J.	
	Engineer I	Norton, Elizabeth A.	
	Engineer I	Pearson, Alex S.	
Engineer /Accountant	Associate Engineer	Kimmon, Wade	\$20 - \$60
	Associate Engineer	Oberlin, Ryan	
	Associate Engineer	Patel, Hemal V.	
	Associate Engineer	Smith, Patrick S.	
	Associate Engineer	Stamatis, Stephany E.	
	Associate Engineer	Swartzbaugh, Timothy	
	Associate Engineer	Trcka, Christopher G.	
	Associate Engineer	Okumoto, Michael	
	Associate Engineer	McCaleb, Ryan	
Senior Technical Specialist	Senior Technician	Bajzek, Karl J.	\$25 - \$60
	Senior Technician	Bielicki, Robert A.	

Contract No.: RR-13-4116

Consultant: Parsons Transportation Group

Date: 4/25/2017

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Senior Technician	Defelice, Dennis J.	
	Senior Technician	Prebeg, Guy	
	Senior Technician	Quraishi, Salahuddin M.	
	Senior Technician	Sara, Kathy	
	Senior Technician	Schulz, Marie L.	
	Senior Technician	Yamasaki, Katherine F.	
Technical Specialist	Technician	Burdeau, Robert A.	\$15 - \$50
	Technician	Cuyugan, Arturo G.	
	Technician	Kintz, John R.	
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Administrative Assistant	Apacanis, Renell	\$8.25 - \$40

Contract No.: RR-13-4116 Consultant: Parsons Transportation Group

EXHIBIT D

REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES

- A. **VEHICLE REIMBURSEMENT - rate based on link below**
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>

- B. **ALLOWABLE DIRECT COSTS - based on link below**
http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF

- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

DIRECT COST CATEGORY

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) \$ 76.03

ALLOWABLE DIRECT COSTS

10.01.2013

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography and mapping	Actual Cost
Utility exploratory trenching	Actual Cost

ALLOWABLE DIRECT COSTS

- *website for State Reimbursement Rates
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- **Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: RR-13-4116

Consultant: Parsons Transportation Group

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: Richard Hill

Project Engineer: Jacob Bondhus

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: Roger DiGiulio

Project Drainage Engineer: Rajesh Patel

Senior Engineer: _____

Others: Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

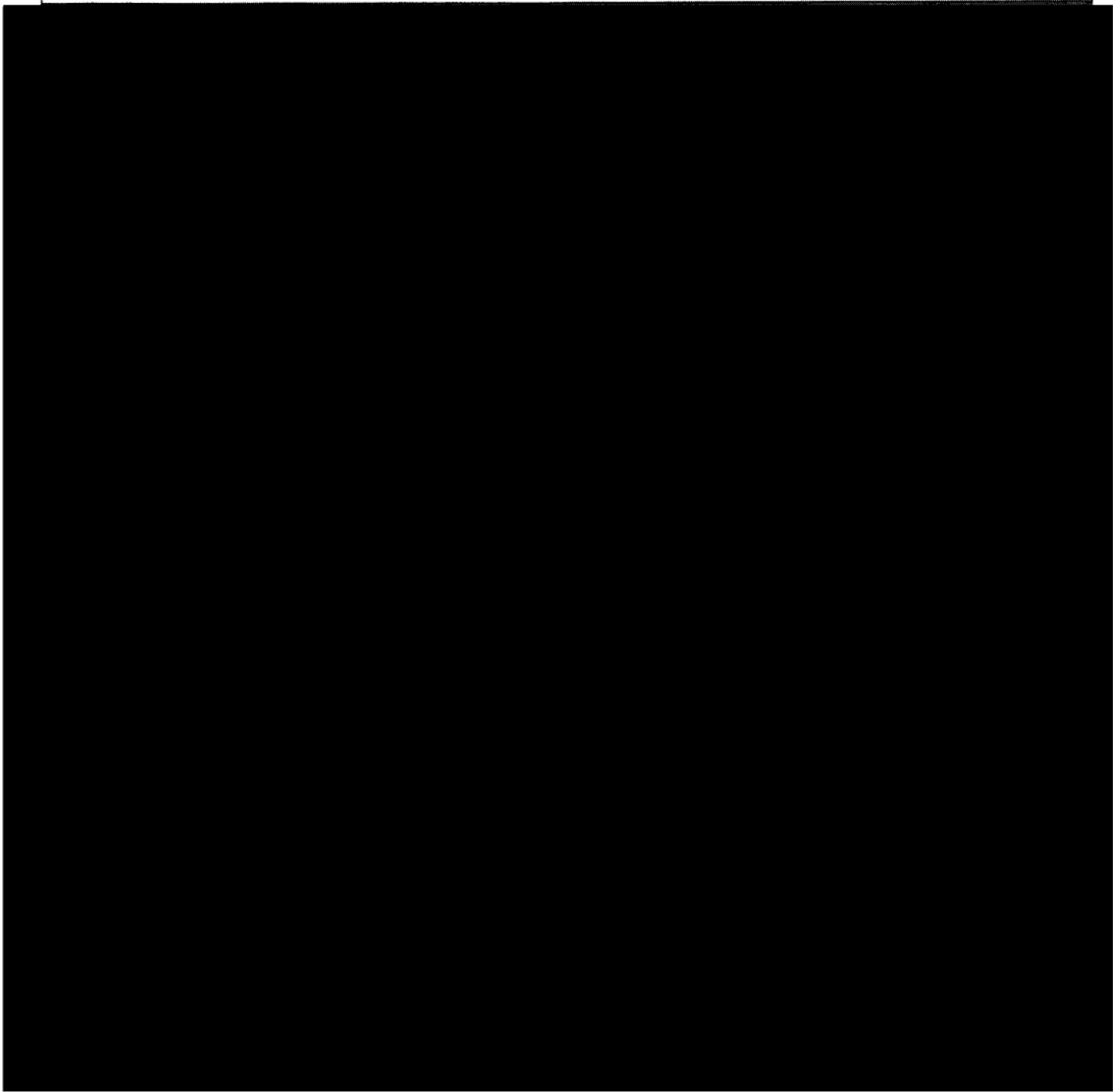
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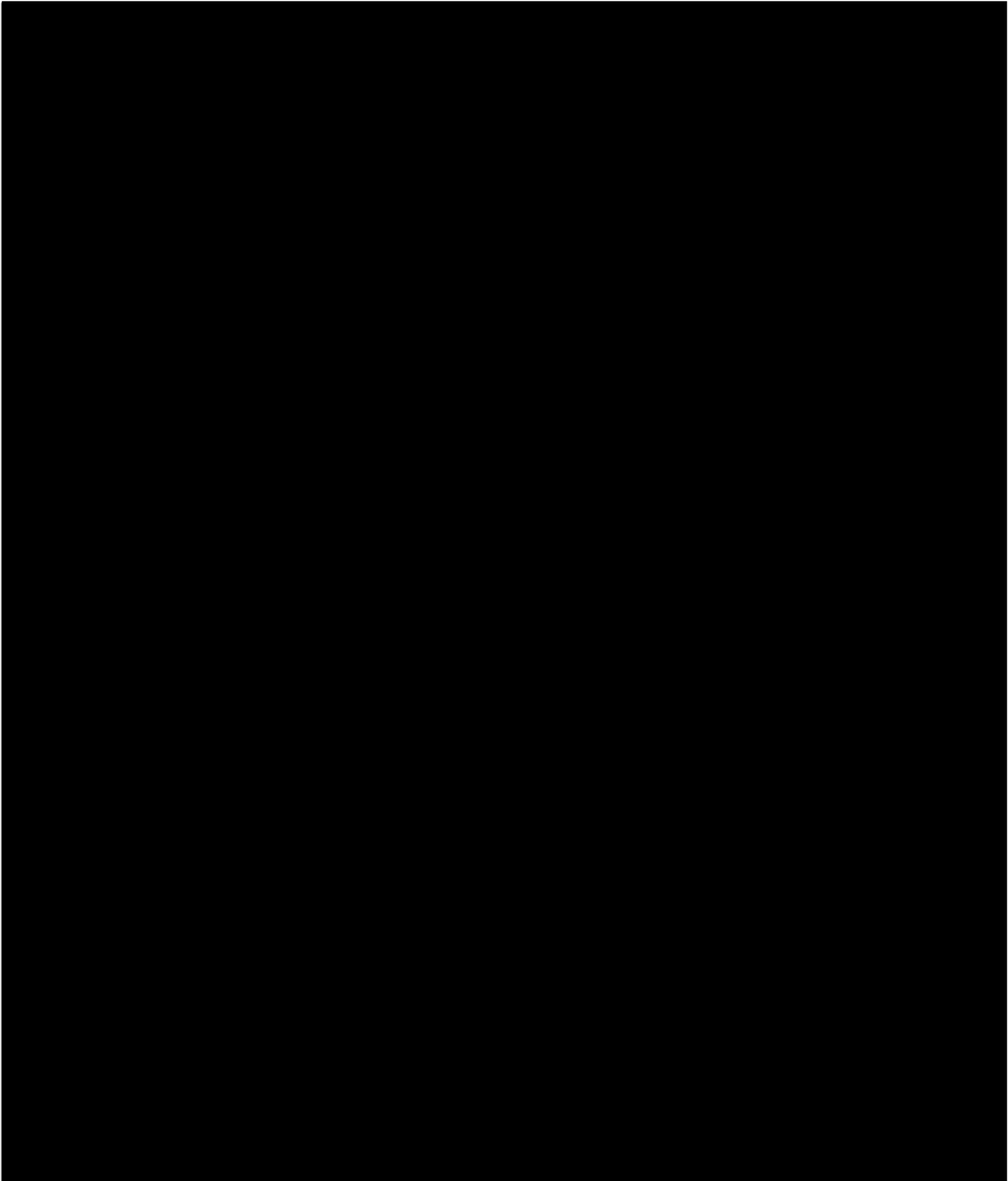
Name: _____

Classification: _____

PARSONS

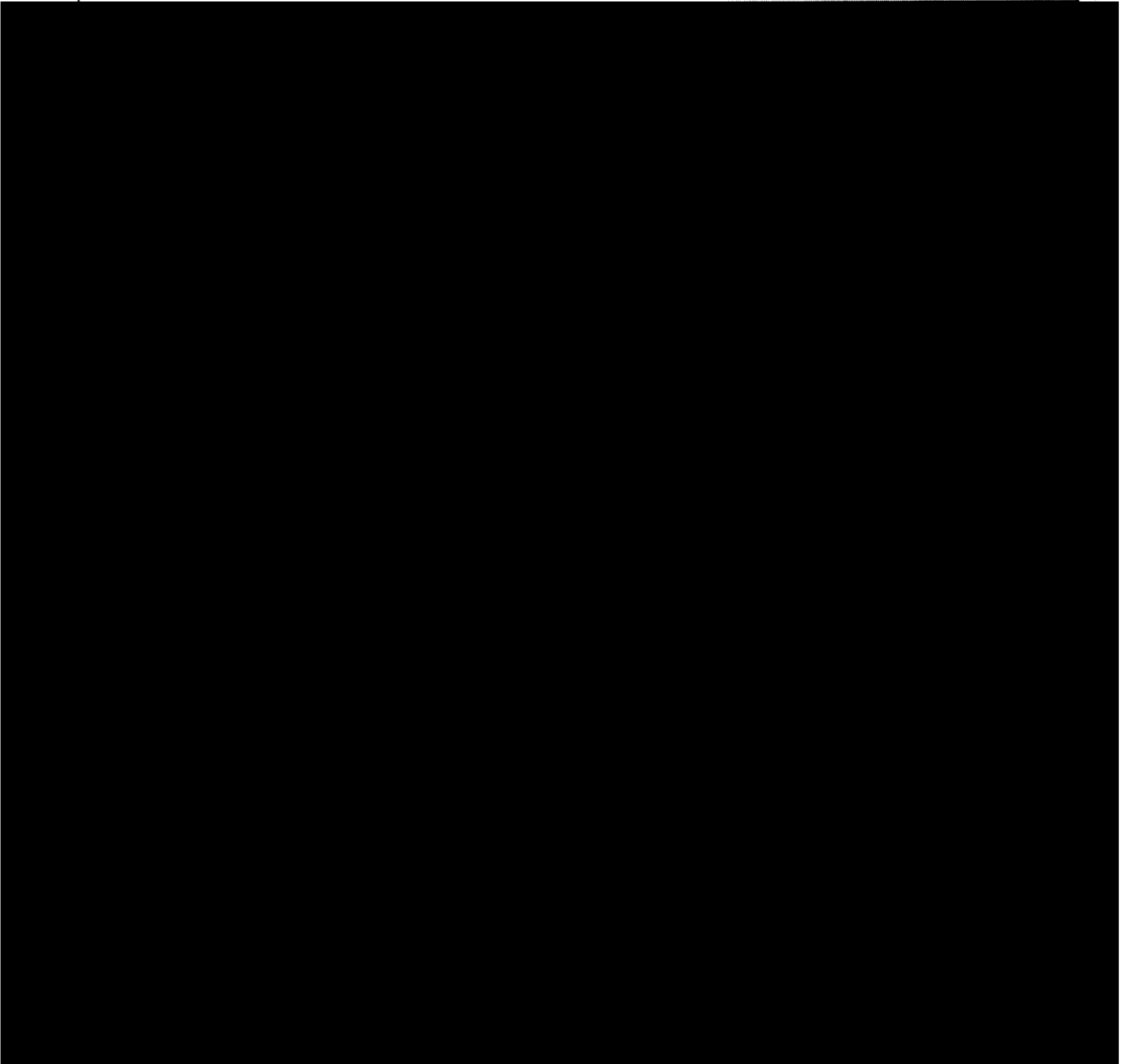
Richard Hill, PE
PROJECT MANAGER

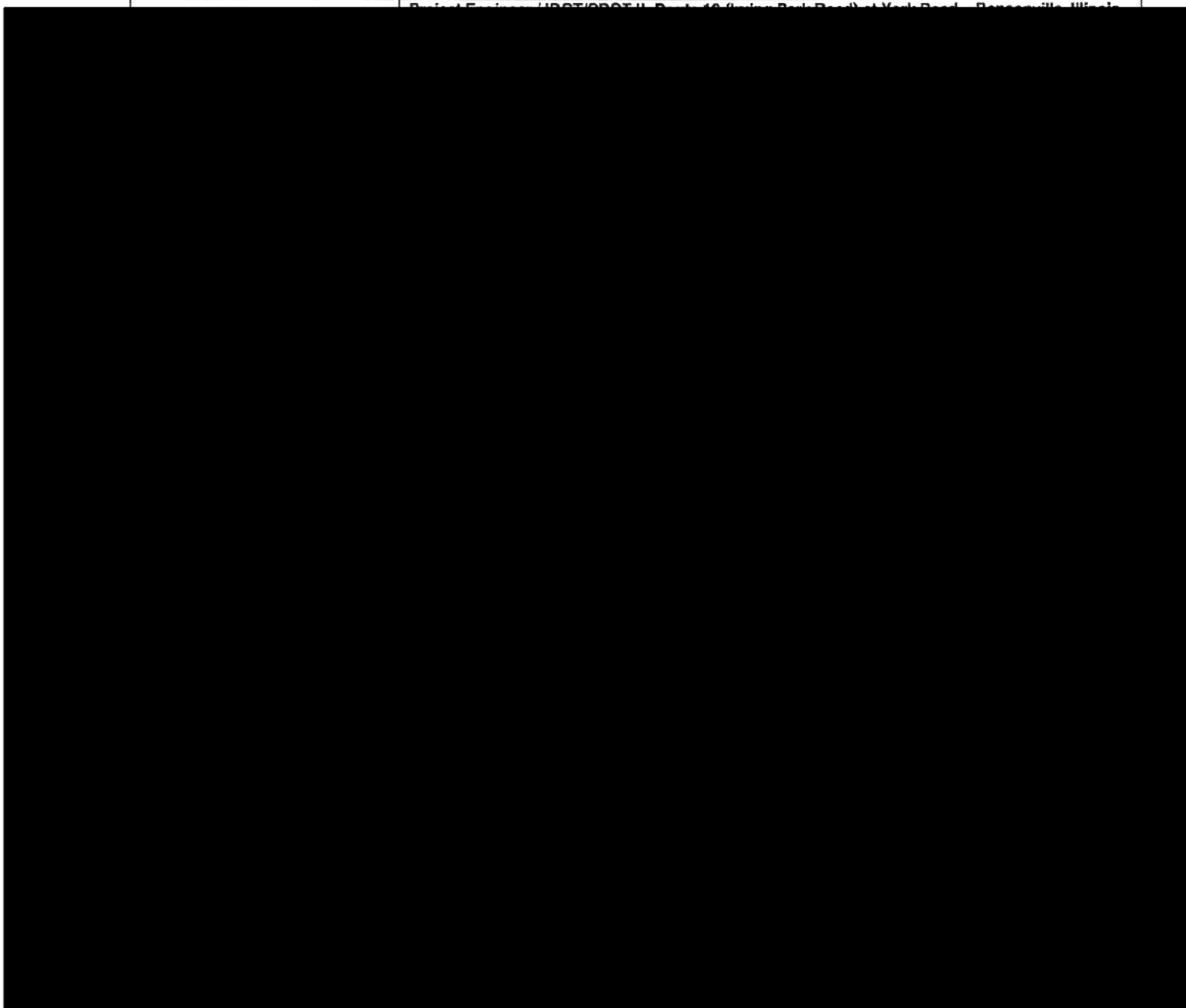




PARSONS

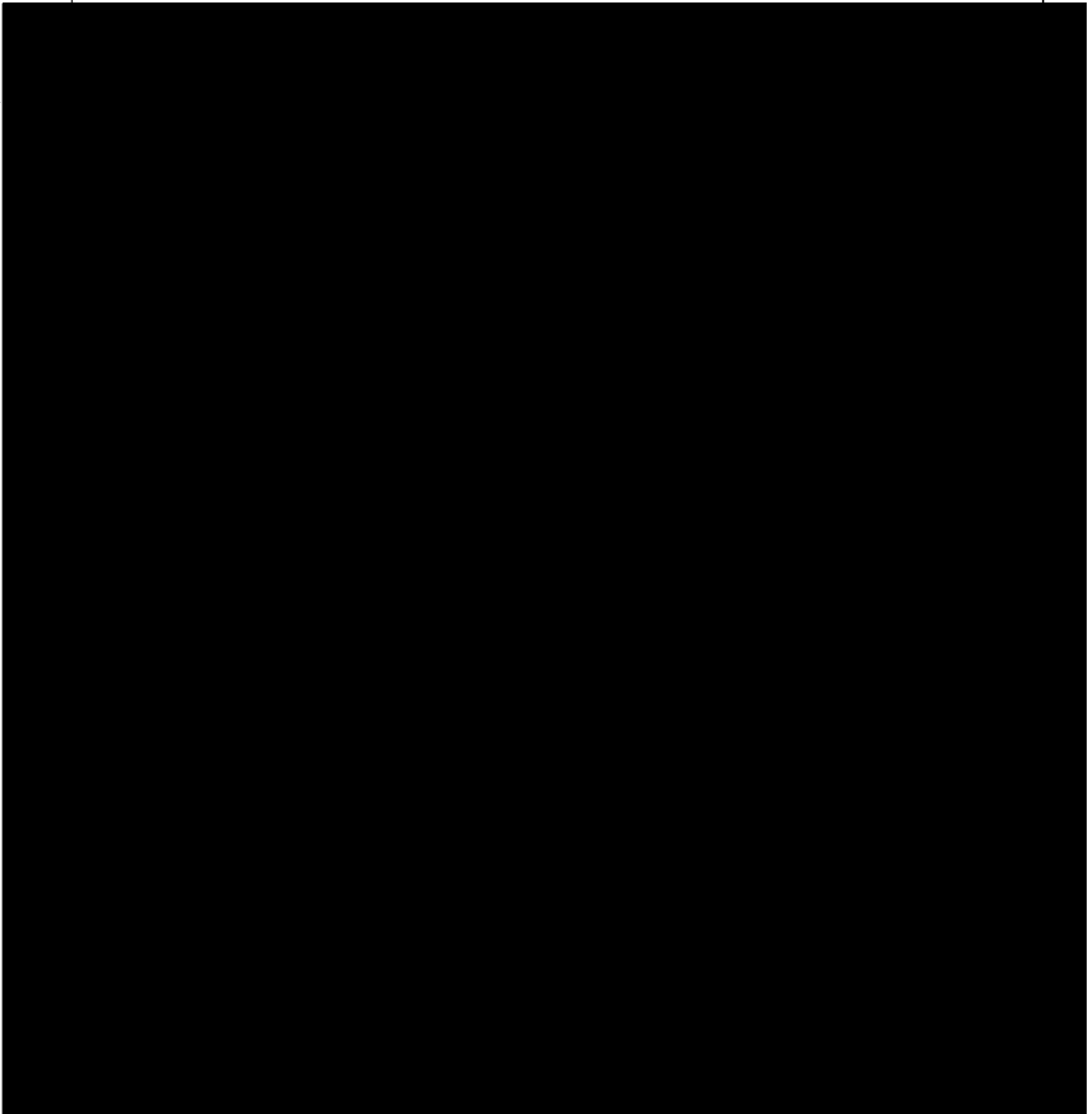
Jacob Bondhus, PE
PROJECT ENGINEER

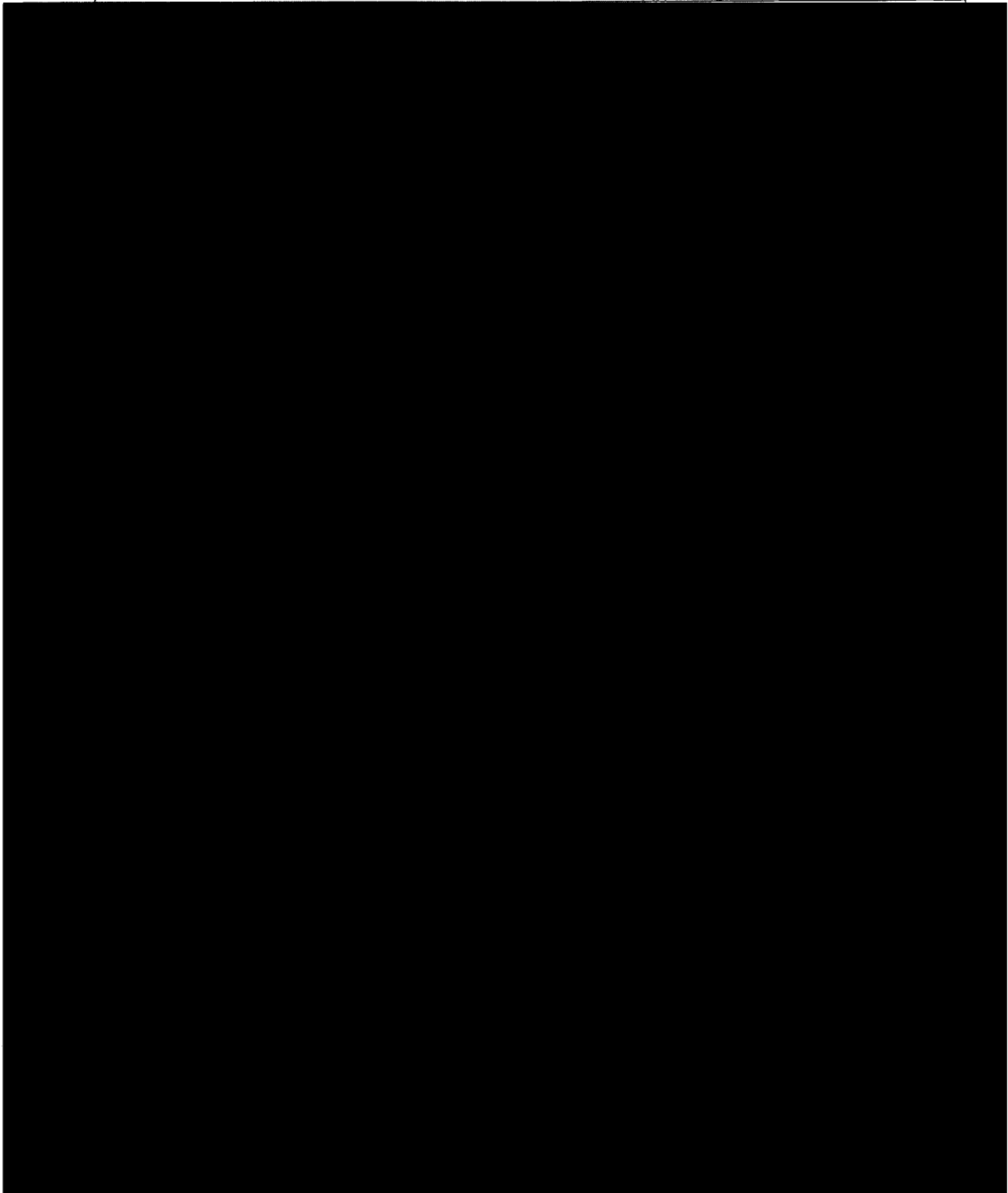




PARSONS

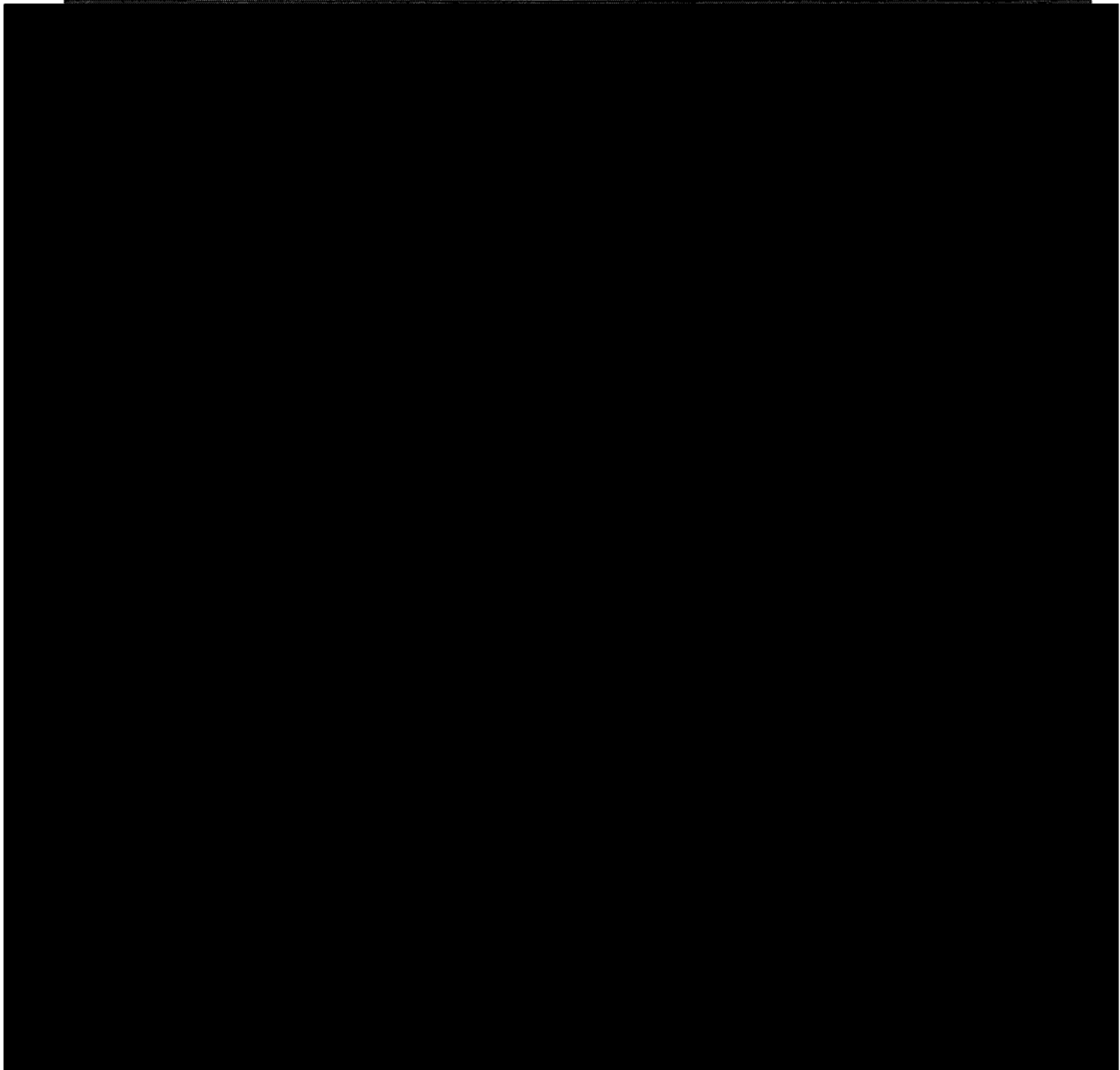
Roger DiGiulio, PE, SE
STRUCTURES LEAD

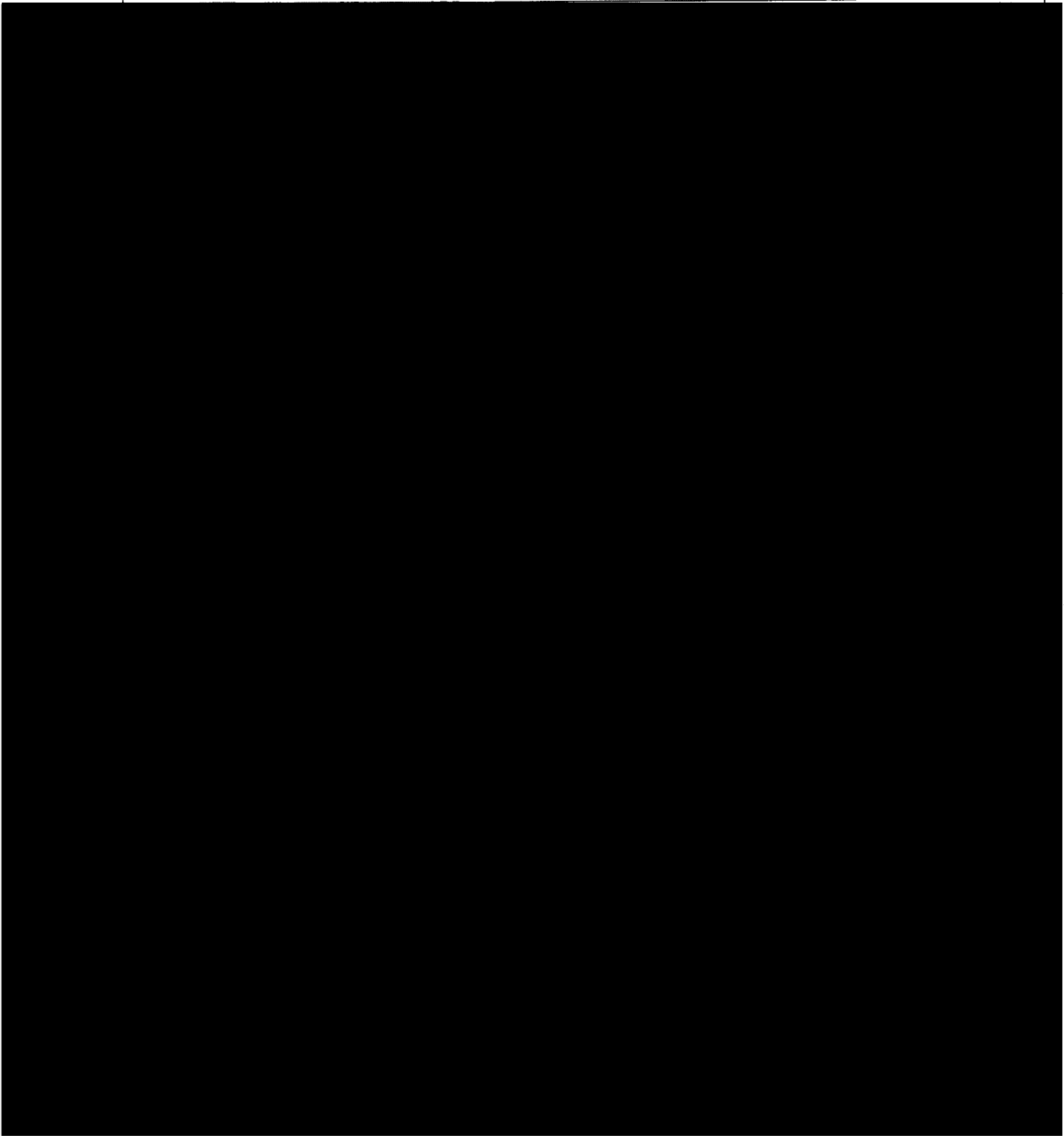




PARSONS

Rajesh Patel, PE
DRAINAGE ENGINEER





February 27, 2017

Parsons Transportation Group

Exhibit F

4116 Supplemental Agreement #1 Scope Items

1. I-88 Over Roosevelt Road (Str. 215 & 216) (Parsons)

Scope of work – Structural repairs include repair delaminated, spalled and cracked concrete on the existing substructure and superstructure; repair beam ends on existing superstructure; repair existing deck to remain with full and partial depth slab repairs. Widening consists of widening deck on bridges by approximately 6.08' EB, 22.75' WB, by 325' in length. Work includes: revisions to TS&L, extending four piers and two abutments; use of driven piles and micro-piles; new widened deck; add new beams; NAW on WB bridge; new approach slabs; and parapet for each bridge structure. Design effort at Roosevelt includes all the work in the original base scope for repair plus additional effort for the widened structure, and for additional widening to accommodate the extended noise abatement wall.

Tasks

- Structural design, plans, specifications and cost estimate for Str. 215 & 216.

Assumptions

- Structural design effort includes rehabilitation hours in original scope plus additional effort for widened structure. Credit provided for original contract hours for rehabilitation plans.

2. York Road Over I-88 (Str. 281) (Parsons)

Scope of work – Full Bridge Replacement for two span bridge with an overall length of about 420' and an out to out deck width of 67'-2" with a 55 degree skew. Substructure consists of stub abutments and a multi-column pier. Abutments will utilize both driven piles and micro-piles. Pier will be founded on driven piles.

Tasks

- Structural design, plans, specifications and cost estimate for replacement structure

Assumptions

- Structural design effort includes rehabilitation hours in original scope plus additional effort for new structure. Credit provided for original contract hours for rehabilitation plans.

3. I-88 over Ramps D & E (Str. 210T) (Parsons)

Scope of work – Remove and replace existing parapets above portals with 42" parapets. Removal and replacement of existing waterproof membrane on tunnel roof. Membrane work to be done during I-88 mainline reconstruction.

Tasks

- Structural design, plans, specifications and cost estimate for modifications described above.

4. I-88 Westbound Retaining Wall (DB Sterlin)

Scope of work – Newly proposed wall – This item includes wall design and configuration, as well as wall type analysis and report, and detailing of the associated moment slab.

5. Relocation of Sign Structure (DB Sterlin)

Scope of work – Location changes and foundation redesign for both I-88 and Roosevelt Road sign structures.

6. I-88 Geometric Modifications at I-294 (Parsons)

Scope of work – Revisions to I-88 mainline, Ramp E, Ramp F roadway, alignment and profile.

Tasks

- Create WB and EB I-88 mainline supplemental alignments
- Create WB and EB I-88 profiles
- Revise Ramp E and Ramp F alignments and profiles to match reconfigured I-88 geometry
- Modify I-88 median barrier and shoulder widths.
- Revise typical sections, maintenance of traffic concept and drainage inlets for revised I-88 geometry

7. Noise Abatement Walls (Parsons)

Scope of work – Extended Noise Abatement Walls including:

Barrier B – I-88 EB from York Road to Roosevelt Road, approximately 1,600' in length, height 10'-22'

Barrier D – I-88 WB from west of Roosevelt Road to Ramp F (I-294), approximately 4,000' in length, height 8'-18'.

Tasks

- Revise Typical Noise Abatement Wall sections
- Prepare Final Noise Abatement Wall design including proposed top/bottom of wall elevations
- Develop noise abatement wall design details

8. Lighting (Singh)

Scope of work - Proposed lighting plan revisions due to I-88 geometric revisions along I-88, Ramp E, Ramp F

9. Signing / Pavement Marking (Singh)

Scope of work - Proposed signing and pavement marking plan revisions due to I-88 geometric revisions along I-88, Ramp E, Ramp F

10. Roosevelt Road Underpass Lighting (Singh)

Scope of work – Additional underdeck lighting required for Roosevelt Road under I-88

Tasks

- Coordination with IDOT regarding maintenance and light levels
- Revise Photometric calculations and luminaire spacing
- Prepare detailed lighting plans and details.

11. Barrier Warrant Analysis (BWA) for York Road / Roosevelt Road (SE3)

Scope of work – Barrier Warrant Analysis for York Road and Roosevelt Road approaching I-88 bridges

Tasks

- Barrier Warrants based on IDOT policy
- Revise roadway plans to incorporate guardrail and terminal sections
- Additional Site visit to confirm field conditions from survey match current configuration in the field

Assumptions:

- Full Tollway BWA procedure not required for York/Roosevelt Road.

12. ITS policy updates (SE3)

Scope of work – An additional review of the Preliminary submittal design and assumptions will be required

13. Addition of ITS Scope items at I-294 (SE3)

Scope of work – There will be additional coordination near the I-294 interchange due to developments that began after 4116 concepts were submitted. Portions of Contracts RR-16-9192 and RR-14-9172 will require incorporate into 4116 or review to mitigate conflicts.

14. 3D Modeling (Parsons)

Scope of work – Existing, Sub-Grade and Proposed Final Grade data: provided at maximum spacing of 25'. Structures and Foundation data: all exterior limits of structures and foundations, for subsurface clash detection and vertical clearance determination. Utility data for all existing and proposed utilities 12" in size or greater.

15. Temporary York Road Signal (Parsons)

Scope of work – Temporary Traffic Signal plans for staged traffic along York Road. Shifting of signal heads required for bridge reconstruction. Existing signal configuration will be restored upon completion of York Road work.

Assumptions: Village of Oak Brook will own and maintain the traffic signals. Signal interconnect or special foundations will not be required.

16. INVEST (Parsons)

Scope of work – Develop and maintain INVEST scorecard and tracking sheet and coordination with Tollway INVEST team.

Tasks

- Develop concept scorecard and tracking sheet and sustainability workshop
- Updating scorecard tracking form through final plans.

Summary of Supplemental Agreement #1 Hours By Scope of Work

Scope of Work	Hours
1 I-88 Over Roosevelt Road (Str. 215 & 216)	1,359
2 York Road over I-88 (Str. 281)	893
3 I-88 over Ramps D & E (Str. 210T)	144
4 I-88 Westbound Retaining Wall (DB Sterlin)	168
5 Relocation of Sign Structure (DB Sterlin)	96
6 I-88 Geometric Modifications at I-294	266
7 Noise Abatement Walls	141
8 Lighting (Singh)	180
9 Signing/Pavement Marking (Singh)	100
10 Roosevelt Road Underpass Lighting (Singh)	200
Barrier Warrant Analysis (BWA) for York Road / Roosevelt Road (SE3)	334
11 ITS policy updates (SE3)	128
12 Addition of ITS Scope items at I-294 (SE3)	24
13 3D Modeling	230
14 Temporary York Road Signal	17
15 INVEST	80
16 Total	4,360

Work by Parsons unless noted otherwise

Scope of Work	Hours
1 I-88 Over Roosevelt Road (Str. 215 & 216)	1,359
2 York Road over I-88 (Str. 281)	893
3 I-88 over Ramps D & E (Str. 210T)	144
6 I-88 Geometric Modifications at I-294	266
7 Noise Abatement Walls	141
14 3D Modeling	230
15 Temporary York Road Signal	17
16 INVEST	80
Total	3,130

Parsons only

BN 215-216

Contract RR-13-4116

I-88
MP 139.30

Rehabilitation and Widening

Work to include complete structure removal and replacement

- a) Includes both BN 215 and BN 216
EB Bridge Width = approx. 61; EB Bridge Length = approx. 330'
- b) WB Bridge Width = approx. 61; WB Bridge Length = approx. 330'
- c) PPC I-Beams and PPC BT-Beams
Indicates additional sheet for rehabilitation
Number of Sheets and Hours per sheet adjusted as deemed necessary from Original

MANHOURLY ESTIMATE

	PLAN	ENGR.	CHECKER	CADD/Jr. Eng.	TOTAL	Sheet How All Submit
	SHEETS	HOURS	HOURS	HOURS	HOURS	
I. PRELIMINARY PLANS						
A. Prepare Drawings						
1 Type Size and Location	1	60	10	60	130	
2 Details	1	60	4	60	124	
B. Quantities		0	0	0	0	
C. Cost and Time Estimate		0	0		0	
D. Special Provisions (Bridge)		0			0	
PRELIMINARY TOTALS	2	120	14	120	254	

II. PRELIMINARY PLANS

A. Prepare Drawings	0	16	8	16	40	
Load Rating						
1 General Plan and Elevation, Index of Sheets	1	16	8	16	40	
2 General Notes and Total Bill of Material	1	20	8	20	48	
3 Construction Staging	1	20	8	24	52	
4 Construction Staging	1	20	8	24	52	
5 Substructure Layout	1	8	4	30	42	
6 Pile Details	1	2	0	4	6	
7 Pile Driving Record	1	2	1	8	11	
8 North Abutment & Wingwall Removal	1	4	2	16	22	
9 South Abutment & Wingwall Removal	1	4	2	16	22	
10 North Abutment Repair	1	10	4	16	30	
11 South Abutment Repair	1	10	4	16	30	
12 Pier 1 Repair	1	12	4	16	32	
13 Pier 2 Repair	1	12	4	16	32	
14 Pier 3 Repair	1	12	4	16	32	
15 Pier 4 Repair	1	12	4	16	32	
16 Pier Repair Details	1	8	4	12	24	
17 Beam Repair Locations - Plan View	1	12	6	16	34	
18 Beam Repair Details - Concrete Encasement	1	6	2	10	18	
19 Beam Repair Details - Formed Repairs	1	6	2	10	18	
20 Deck Repair I - Plan View	1	16	8	20	44	
21 Deck Repair II - Plan View	1	16	8	20	44	
22 Existing Deck Cross-Section	1	14	4	12	30	
23 Median Parapet Modification	1	12	4	16	32	
24 Remove & Replace Deck Expansion Joint I	1	12	8	18	38	
25 Remove & Replace Deck Expansion Joint II	1	12	8	18	38	
26 Expansion Joint Detail	1	4	2	2	8	
27 North & South Slopewall Repair & Modification	1	6	4	18	28	
28 North Abutment	1	12	8	20	40	
29 North Abutment Details	1	12	8	20	40	
30 North Abutment Wingwall & Details	1	12	8	20	40	
31 South Abutment	1	12	8	20	40	
32 South Abutment Details	1	12	8	20	40	
33 South Abutment Wingwall & Details	1	12	8	20	40	
34 Pier 1	1	12	8	20	40	
35 Pier 1 Details	1	12	8	20	40	
36 Pier 2	1	12	8	20	40	
37 Pier 2 Details	1	12	8	20	40	
38 Pier 3	1	12	8	20	40	
39 Pier 3 Details	1	12	8	20	40	
40 Pier 4	1	12	8	20	40	
41 Pier 4 Details	1	12	8	20	40	
42 Framing Plan	1	16	12	48	76	

43 PPC Girder Details 1	1	16	12	14	42
44 PPC Girder Details 2	1	16	12	14	42
45 Bearing Details	1	14	4	24	42
46 Intermediate Steel Diaphragm Details	1	14	4	24	42
47 Top of Slab Elevation Plan	1	8	4	16	28
48 Top of Slab Elevations	1	8	4	9	21
49 Top of Approach Slab Elevations	1	8	4	9	21
50 Top of Approach Slab Elevations	1	8	4	9	21
51 Deck Plan 1 of 2	1	18	8	20	46
52 Deck Plan 2 of 2	1	18	8	20	46
53 Deck Cross Sections	1	12	4	20	36
54 Diaphragm Details 1	1	12	4	18	34
55 Superstructure Details	1	10	4	32	46
56 Parapet Elevations	1	10	4	24	38
57 Expansion Joint Details	1	8	2	24	34
58 Approach Slab 1	1	6	4	12	22
59 Approach Slab 2	1	6	4	12	22
60 Approach Slab 3	1	6	4	12	22
61 Deck Drainage Details	1	10	4	14	28
62 Bar Splicer Detail	1	4	2	2	8
63 Temporary Concrete Barrier	1	4	2	2	8
64 Boring Logs	1	1		4	5
65 Boring Logs	1	1		4	5
66 Boring Logs	1	1		4	5
B. Quantities (Bridge)		12	8	40	60
C. Cost and Time Estimate (Bridge)		8	4		12
D. Special Provisions (Bridge)		12	4	16	32

III. FINAL PLANS

PRE-FINAL TOTALS	66	739	375	1169	2283
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A. Final Plans after Tollway Review	66	66	66	66	198
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FINAL TOTAL	66	66	66	66	198
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STRUCTURE TOTALS	66	805	441	1,235	2,735
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LESS REHAB / REPLACEMENT ESTIMATE (DB Sterling)	500
LESS REHAB / REPLACEMENT ESTIMATE (Parsons)	876
CONTINGENCY INCREMENT	0
SUPPLEMENTAL INCREMENT (Parsons)	1,359

BN 281

Contract RR-13-4116
I-88
MP 138.9

Work to include complete structure removal and replacement

- a) Bridge Width = approx 64'; Bridge Length = approx 394'
- b) 2-span welded girder, jointed stub abutment
- c) 55 degree skew
- d)

MANHOURLY ESTIMATE

	PLAN SHEETS	ENGR. HOURS	CHECKER HOURS	CADD/Jr. Eng. HOURS	TOTAL HOURS
I. PRELIMINARY PLANS					
A. Prepare Drawings					
1 Type Size and Location	1	40	10	60	110
2 Details	1	40	4	60	104
B. Quantities		8	2	8	18
C. Cost and Time Estimate		8	2		10
D. Special Provisions (Bridge)		8			8
II. PREFINAL PLANS					
PRELIMINARY TOTALS					
	2	104	18	128	250
A. Prepare Drawings					
1 General Plan and Elevation, Index of Sheets	1	20	8	30	58
2 Load Rating	0	16	8	16	40
3 General Notes and Total Bill of Material	1	20	8	20	48
4 Construction Staging	1	20	8	24	52
5 Substructure Layout	1	8	4	20	32
6 Pier Details	1	2	0	4	6
7 Pier Driving Record	1	2	1	8	11
8 South Abutment	1	20	2	32	54
9 South Abutment Wingwall & Details	1	20	2	32	54
10 North Abutment	1	20	2	32	54
11 North Abutment Wingwall & Details	1	20	2	32	54
12 Pier	1	30	4	32	66
13 Pier Details	1	16	2	32	50
14 Framing Plan & Girder Elevation	1	32	8	48	88
15 Steel Details	1	16	4	40	60
16 Bearing Details	1	8	4	32	44
17 Top of Slab Elevation Plan	1	4	3	8	15
18 Top of Slab Elevations	1	4	3	24	31
19 Top of Approach Slab Elevations	1	4	2	8	14
20 Top of Approach Slab Elevations	1	4	2	8	14
21 Deck Plan and Cross Section	1	12	4	48	64
22 Superstructure Details	1	12	4	32	48
23 Expansion Joint Details	1	8	1	24	33
24 Approach Slab Details	1	4	2	24	30
25 Approach Slab Details	1	4	2	24	30
26 Deck Drainage Details	1	8	1	32	41
27 Boring Logs	1	1		4	5
28 Boring Logs	1	1		4	5
29 Boring Logs	1	1		4	5
B. Quantities (Bridge)		16	8	40	64
C. Cost and Time Estimate (Bridge)		16	8		24
D. Special Provisions (Bridge)		16	8	16	40
E. 3-D Modeling		50	25		75
III. FINAL PLANS					
PRE-FINAL TOTALS					
	28	435	140	734	1309
A. Final Plans after Tollway Review					
	28	28	56	28	112
FINAL TOTAL					
	28	28	56	28	112
STRUCTURE TOTALS					
	28	463	196	762	1,871
LESS REHAB / REPLACEMENT ESTIMATE					778
CONTINGENCY INCREMENT					0
SUPPLEMENTAL INCREMENT					393

BN 210T

Contract RR-13-4116
 I-88
 MP 140.0

Extend barrier to 42' adding 8' +/- CIP extension.
 Assume existing waterproofing will be replaced as part of the roadway reconstruction

- a) Bridge Width = approx 165'; Bridge Length = approx 138'
 Skew about 57 deg
- b) Buried CIP Portal Frame (2-span tunnel)
- c)
- d)

MANHOURLY ESTIMATE

PLAN SHEETS	ENGR. HOURS	CHECKER HOURS	CADD/Jr. Eng. HOURS	TOTAL HOURS
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I. PREFINAL PLANS

A. Prepare Drawings

General Plan and Elevation, Index of Sheets, General Notes,

1 BOM	1	20	6	20	46
2 Parapet Modification & Deck Membrane	1	20	6	20	46
3 Concrete Repairs	1	12	6	14	32
4 Concrete Repairs					0

B. Quantities			2		2
C. Cost and Time Estimate					0
D. Special Provisions (Bridge)			6		6

PRE-FINAL TOTALS	3	60	18	54	132
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II. FINAL PLANS

A. Final Plans after Tollway Review

	3	3	6	3	12
FINAL TOTAL	3	3	6	3	12

STRUCTURE TOTALS	3	63	24	57	144
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LESS REHAB / REPLACEMENT ESTIMATE	0
CONTINGENCY INCREMENT	0
SUPPLEMENTAL INCREMENT	144

**WORK HOUR ESTIMATE
SHEET NUMBERING MASTER SET**

PROJECT: I-88 Reconstruction; M.P. 138.1 TO M.P. 140.5
 CONTRACT NO.: RR-13-4116
 Parsons JOB NO.: 647975

VOLUME	SHEET #	DRAWING NUMBER	TITLE DESCRIPTION AS IN TITLE BLOCK	HOURS
PLAN HOURS				
I-88 Alignment Revision				
	1	1	I-88 Alignment, Ties, Benchmarks	4
	2	2	I-88 Alignment, Ties, Benchmarks	4
	3	4	Proposed I-88 Typical Section	12
	4	5	Proposed Ramp Typical Section	12
	5	6	4116_sht_MOT-SumOfStaging-01.dgn	2
	6	7	I-88 Mainline MOT Typical Sections	8
	7	8	I-88 Mainline MOT Typical Sections	8
	8	9	I-88 Mainline MOT 1A Sheet Sta 7385+00 TO 7400+00	1
	9	10	I-88 Mainline MOT 1A Sheet Sta 7400+00 TO 7415+00	1
	10	11	I-88 Mainline MOT 1A Sheet Ramp E & F	1
	11	12	I-88 Mainline MOT 1B Sheet Sta 7385+00 TO 7400+00	1
	12	13	I-88 Mainline MOT 1B Sheet Sta 7400+00 TO 7415+00	1
	13	14	I-88 Mainline MOT 1B Sheet Ramp E & F	1
	14	15	I-88 Mainline MOT 2 Sheet Sta 7385+00 TO 7400+00	1
	15	16	I-88 Mainline MOT 2 Sheet Sta 7400+00 TO 7415+00	1
	16	17	I-88 Mainline MOT 2 Sheet Ramp E & F	1
	17	18	I-88 Mainline MOT 3 Sheet Sta 7385+00 TO 7400+00	1
	18	19	I-88 Mainline MOT 3 Sheet Sta 7400+00 TO 7415+00	1
	19	20	I-88 Mainline MOT Winter Stage Sheet Sta 7385+00 TO 7400+00	1
	20	21	I-88 Mainline MOT Winter Stage Sheet Sta 7400+00 TO 7415+00	1
	21	22	I-88 Mainline MOT 4 Sheet Sta 7385+00 TO 7400+00	1
	22	23	I-88 Mainline MOT 4 Sheet Sta 7400+00 TO 7415+00	1
	23	24	I-88 Mainline MOT 5A Sheet Sta 7385+00 TO 7400+00	1
	24	25	I-88 Mainline MOT 5A Sheet Sta 7400+00 TO 7415+00	1
	25	26	I-88 Mainline MOT 5B Sheet Sta 7385+00 TO 7400+00	1
	26	27	I-88 Mainline MOT 5B Sheet Sta 7400+00 TO 7415+00	1
	27	28	I-88 Mainline MOT 5C Sheet Sta 7385+00 TO 7400+00	1
	28	29	I-88 Mainline MOT 5C Sheet Sta 7400+00 TO 7415+00	1
	29	30	I-88 Mainline Plan Sheet Sta 7385+00 TO 7400+00	8
	30	31	I-88 Mainline Plan Sheet Sta 7400+00 TO 7415+00	8
	31	32	I-88 Mainline Plan Sheet Sta 7415+00 TO 7430+00	8
	32	33	I-88 Mainline Plan Sheet Ramp E & F	8
	33	34	I-88 Mainline Profile 4 of 5	4
	34	35	I-88 Mainline Profile 5 of 5	4
	35	36	Profile Ramp B & Ramp F	4
	36	37	Profile Ramp E	4
	37	38	Super Elevation Transition	12
	38	39	Super Elevation Transition	12
	39	40	I-88 Mainline Noise Wall Plan Sheet Sta 7385+00 TO 7400+00	2
	40	41	I-88 Mainline Noise Wall Plan Sheet Sta 7400+00 TO 7415+00	2
	41	42	I-88 Mainline Proposed Drainage Sheet Sta 7385+00 TO 7400+00	2
	42	43	I-88 Mainline 4116_Drainage Plan Sheet Sta 7400+00 TO 7415+00	2
	43	44	I-88 Drainage Prof Sheet 4 of 5	2
	44	45	I-88 Drainage Prof Sheet 5 of 5	2
	45	46	Proposed Detention Basin Plan & Profile	8
	46	47	Proposed Detention Basin Plan & Profile	8
	47	48	Proposed Detention Basin Plan & Profile	8
	48	49	Drainage Schedule 1 of 4	8
	49	50	Drainage Schedule 2 of 4	8
	50	62	I-88 Mainline Cross Sections	3.0
	51	63	I-88 Mainline Cross Sections	3.0
	52	64	I-88 Mainline Cross Sections	3.0
	53	65	I-88 Mainline Cross Sections	3.0

**WORK HOUR ESTIMATE
SHEET NUMBERING MASTER SET**

PROJECT: I-88 Reconstruction; M.P. 138.1 TO M.P. 140.5
 CONTRACT NO.: RR-13-4116
 Parsons JOB NO.: 647975

VOLUME	SHEET #	DRAWING NUMBER	TITLE DESCRIPTION AS IN TITLE BLOCK	HOURS
PLAN HOURS				
I-88 Alignment Revision				
	54	66	I-88 Mainline Cross Sections	3.0
	55	67	I-88 Mainline Cross Sections	3.0
	56	68	I-88 Mainline Cross Sections	3.0
	57	69	Ramp E Cross Sections	3.0
	58	70	Ramp E Cross Sections	3.0
	59	71	Ramp F Cross Sections	3.0
	60	72	Ramp F Cross Sections	3.0
	61	73	Ramp F Cross Sections	3.0
	62	74	Ramp F Cross Sections	3.0
	63	75	Ramp F Cross Sections	3.0
	64	76	Ramp F Cross Sections	3.0
	65	77	Ramp F Cross Sections	3.0
	66	78	Ramp F Cross Sections	3.0

PLANS TOTAL HOURS: 246

QA/QC
3% of hours 7

ADMINISTRATION AND COORDINATION
- PROJECT ADMINISTRATION - 5% of all effort 12

TOTAL HOURS 266

WORK HOUR ESTIMATE

PROJECT: I-88 Reconstruction; M.P. 138.1 TO M.P. 140.5
 CONTRACT NO.: RR-13-4116
 Parsons JOB NO.: 647975

VOLUME	SHEET #	DRAWING NUMBER	TITLE DESCRIPTION AS IN TITLE BLOCK	SHEET SCALE	HOURS
PLAN HOURS - SUPPLEMENTAL AGREEMENT #1					
Noise Abatement Wall - Preliminary Plans					
1	TS-01		NOISE BARRIER TYPICAL SECTION WALL B	50	12
2	TS-02		NOISE BARRIER TYPICAL SECTION WALL D	50	12
3	NB-01		FINAL NOISE BARRIER PLAN & PROFILE WALL B	50	12
4	NB-02		FINAL NOISE BARRIER PLAN & PROFILE WALL B	50	12
5	NB-03		FINAL NOISE BARRIER PLAN & PROFILE WALL D	50	12
6	NB-04		FINAL NOISE BARRIER PLAN & PROFILE WALL D	50	12
7	NB-05		FINAL NOISE BARRIER PLAN & PROFILE WALL D	50	12
7	NB-05		FINAL NOISE BARRIER DETAILS	50	20
8	NB-06		FINAL NOISE BARRIER DETAILS	50	20

PLANS TOTAL HOURS: 124

SPECIAL PROVISIONS 6

QA/QC 4
 3% of hours

ADMINISTRATION AND COORDINATION 7
 PROJECT ADMINISTRATION
 - PROJECT ADMINISTRATION - 5% of all effort

TOTAL HOURS 141

PTG Civil	124
	6
	4
	7
	141

WORK HOUR ESTIMATE

PROJECT: I-88 Reconstruction; M.P. 138.1 TO M.P. 140.5
CONTRACT NO.: RR-13-4116
Parsons JOB NO.: 647975
INVEST Hours Estimate

CONCEPT SCORECARD AND TRACKING FORM	40	PTG
SUSTAINABILITY WORKSHOP	10	
PRELIMINARY TRACKING FORM	16	
PRE-FINAL SCORECARD AND TRACKING FORM	4	
PRE CONSTRUCTION TRACKING FORM	4	
QA/QC 3% of hours	2	
ADMINISTRATION AND COORDINATION PROJECT ADMINISTRATION - PROJECT ADMINISTRATION - 5% of all effort	4	
TOTAL HOURS	80	

RR-13-4116

**Exhibit G
Parsons Transportation Group Inc.
DISCLOSURE OF CURRENT AND PENDING CONTRACTS**

April 7, 2017

Agency	Project Title	Status	Value	Contract Reference/P.O./Illinois Procurement Bulletin #
IDOT	Various Routes-PH I Program Management	Active	\$5,761,356	P-91-354-07; PTB 145-05
IDOT 158-018	U.S. 52 Phase I/II Design Services for Mississippi River bridge/approaches	Active	\$9,178,943	P-92-001-11 & D-92-001-11; PTB
IDOT	CREATE Environmental Services Task Order	Active	\$750,000	P-30-002-14, PTB 169-044
IDOT	U.S. 45 Millburn Bypass PH II Design Services	Active	\$1,252,016	D91-424-12; PTB 164-04
IDOT	Various SCAT Projects	Active	\$3,150,000	PTB 157-017, PTB 170-006, PTB 173-004, and PTB 178-003
Illinois Tollway	I-88 Roadway Reconstruction, York Rd to I-290 PH II	Active	\$3,348,579	RR-13-4116, PSB 13-2 Item 1
Illinois Tollway	I-90 and System-wide, Construction Management Services Upon Request	Active	\$5,000,000	I-14-4194, PSB 14-1 Item 9
Illinois Tollway	Design Upon Request, System-wide	Active	\$374,528	RR-14-5703, PSB 14-3 Item 5
Illinois Tollway	Roadway Study, Tri-State Tollway, Cermak To Balmoral	Active	\$5,911,285	RR-14-4224, PSB 14-3 Item 4
Illinois Tollway	IL53/IL 120 EIS	Pending	\$5,000,000 (estimated)	I-16-4266, PSB 16-3 Item 2
Illinois Tollway	ITS Maintenance and Network Deployment Guidance-System-wide	Pending	\$6,000,000 (estimated)	RR-16-9194, PSB 16-3 Item 5

EXHIBIT H - SERVICES BY OTHERS

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

DBE/MBE/WBE SUBCONSULTANTS

<p>1 <u>DB Sterlin Consultants, Inc.</u></p> <p>Direct Labor \$ 35,444.64</p> <p>Direct Costs \$ 130.00</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ 35,574.64</p>	<p>6 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>
<p>2 <u>SE3, LLC</u></p> <p>Direct Labor \$ 57,112.78</p> <p>Direct Costs \$ 296.75</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ 57,409.53</p>	<p>7 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>
<p>3 <u>Singh & Associates, Inc.</u></p> <p>Direct Labor \$ 53,182.08</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ 53,182.08</p>	<p>8 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>
<p>4 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>	<p>9 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>
<p>5 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>	<p>10 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>

** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ 146,166.25

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ 146,166.25

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): ^{27.37%}

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): ^{27.37%}

EXHIBIT H - SERVICES BY OTHERS (continued)

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

1				
	Direct Labor			
	Direct Costs			
	Services by Others			
	Additional Services **			
	Total this Subconsultant (ULC)	\$	-	
2				
	Direct Labor			
	Direct Costs			
	Services by Others			
	Additional Services **			
	Total this Subconsultant (ULC)	\$	-	
3				
	Direct Labor	\$	-	
	Direct Costs	\$	-	
	Services by Others	\$	-	
	Additional Services **	\$	-	
	Total this Subconsultant (ULC)	\$	-	
4				
	Direct Labor	\$	-	
	Direct Costs	\$	-	
	Services by Others	\$	-	
	Additional Services **	\$	-	
	Total this Subconsultant (ULC)	\$	-	
5				
	Direct Labor	\$	-	
	Direct Costs	\$	-	
	Services by Others	\$	-	
	Additional Services **	\$	-	
	Total this Subconsultant (ULC)	\$	-	

6				
	Direct Labor			
	Direct Costs	\$	-	
	Services by Others	\$	-	
	Additional Services **	\$	-	
	Total this Subconsultant (ULC)	\$	-	
7				
	Direct Labor	\$	-	
	Direct Costs	\$	-	
	Services by Others	\$	-	
	Additional Services **	\$	-	
	Total this Subconsultant (ULC)	\$	-	
8				
	Direct Labor	\$	-	
	Direct Costs	\$	-	
	Services by Others	\$	-	
	Additional Services **	\$	-	
	Total this Subconsultant (ULC)	\$	-	
9				
	Direct Labor	\$	-	
	Direct Costs	\$	-	
	Services by Others	\$	-	
	Additional Services **	\$	-	
	Total this Subconsultant (ULC)	\$	-	
10				
	Direct Labor	\$	-	
	Direct Costs	\$	-	
	Services by Others	\$	-	
	Additional Services **	\$	-	
	Total this Subconsultant (ULC)	\$	-	

** Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ -

Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: DB Sterlin Consultants Inc.

Contract Number: RR-13-4116

Proposal Date: 4/25/2017

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website

Contract Number: RR-13-4116 Consultant: DB Sterlin Consultants Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2017												TOTAL HOURS			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
	Grand Total Exhibit A Hours													264		
Structural Design - MSE Wall		33	33	34	34	34					34					168
Structural Design - Overhead Sign Structure/Foundation			24	24	24	24										96
TOTALS		33	57	58	58	58					58					264

Contract No.: RR-13-4116

Consultant: DB Sterlin Consultants Inc.

EXHIBIT B: FEE CALCULATIONS

A. DIRECT LABOR (without overtime)

$$\frac{264.00}{\text{(Total Work Hours from Exhibit C-2)}} \times \$ \frac{47.95}{\text{(Average Hourly Rate from Exhibit C-2)}} = \text{TOTAL DIRECT SALARY } \$ 12,658.80$$

Multiplier to be used on this project: 2.80

Allowable Multiplier = (2.8 DSE) (2.5 or 2.8 CM) (2.5 PMO)

DIRECT REGULAR SALARY TIMES MULTIPLIER \$ 35,444.64

B. REIMBURSABLE DIRECT COSTS NOT ELIGIBLE FOR PROFIT

(For Prime Consultant listed above.)

TOTAL DIRECT COSTS \$130.00

C. SERVICES BY OTHERS

Total Allowable Fee DBE/MBE/WBE Subconsultant (from Exhibit H) \$ -

Total Allowable Fee Non-DBE/MBE/WBE Subconsultant (from Exhibit H (cont)) \$ -

TOTAL SERVICES BY OTHERS \$ -

D. ADDITIONAL SERVICES (Prime Consultant)

(Requires prior authorization before use)

ADDITIONAL SERVICES (Subconsultants)

(Requires prior authorization before use)

TOTAL ADDITIONAL SERVICES \$ -
(Requires prior authorization before use)

E. MAXIMUM ALLOWABLE FEE (Upper Limit of Compensation)

\$ 35,574.64

Contract No.: RR-13-4116 Consultant: DB Sterfin Consultants Inc.

Date: 4/25/2017

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

CONTRACT TERM: 5 No. OF MONTHS
 SCHEDULED START DATE: 2/1/2017
 RAISE DATE: 1/1/2018
 PERCENT OF RAISE: 3%

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date	Date
2/1/2017	-	6/30/2017	-	-	-	-
5.0		5.0		5.0		5.0
100.00%	Escalation Factor Second Period		Escalation Factor Third Period		Escalation Factor Fourth Period	
	Escalation Factor First Period		Escalation Factor Fifth Period		Escalation Factor Sixth Period	

ESCALATION PER YEAR Year 6 through 10

Date	Date	Date	Date	Date	Date	Date
-	-	-	-	-	-	-
5.0		5.0		5.0		5.0
	Escalation Factor Seventh Period		Escalation Factor Eighth Period		Escalation Factor Ninth Period	
	Escalation Factor Sixth Period		Escalation Factor Tenth Period		Escalation Factor Eleventh Period	

The escalation factor for this project is: 100.00%

Contract No.: RR-13-4116

Consultant: DB Sterlin Consultants Inc.

Date: 4/25/2017

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES										DIRECT COST OVERTIME PREMIUM		
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Total Estimated Work Hours:		Total Overtime Premium:			
							Estimated Work Hours	Total Overtime Premium:				
No	Principal	\$50.00	\$70.00				264.00					
No	Project Manager	\$40.00	\$70.00	\$48.00	\$48.00	12.00						
No	Senior Engineer/Planner	\$40.00	\$70.00	\$61.50	\$61.50	100.00						
No	Resident Engineer	\$40.00	\$70.00									
No	Project Engineer/Planner	\$25.00	\$60.00	\$40.75	\$40.75	100.00						
No	Staff Engineer/Planner	\$20.00	\$40.00									
No	Engineer /Accountant	\$20.00	\$60.00									
No	Senior Technical Specialist	\$25.00	\$60.00	\$35.75	\$35.75	52.00						
No	Technical Specialist	\$15.00	\$50.00									
No	Architect	\$30.00	\$70.00									
No	Realty Specialists	\$20.00	\$70.00									
No	Intern	\$8.25	\$20.00									
No	Admin/Clerical	\$8.25	\$40.00									

EXHIBIT "1"

Contract No.: RR-13-4116

Consultant: DB Sterlin Consultants Inc.

Date: 4/25/2017

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal			\$50 - \$70
Project Manager	Project Manager	William Kucera	\$40 - \$70
Senior Engineer/Planner	Project Structural Engineer	Basar Civelek	\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Structural Engineer	Craig Cleland	\$25 - \$60
	Structural Engineer	Yves Twagirayezu	
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist	CADD Engineer/Technician	Gerald Szafranski	\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40

Contract No.: RR-13-4116 **Consultant:** DB Sterlin Consultants Inc.

EXHIBIT D

REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES

- A. **VEHICLE REIMBURSEMENT - rate based on link below**
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>

- B. **ALLOWABLE DIRECT COSTS - based on link below**
http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF

- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

DIRECT COST CATEGORY

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) \$ 130.00

ALLOWABLE DIRECT COSTS

10.01.2013

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography and mapping	Actual Cost
Utility exploratory trenching	Actual Cost

ALLOWABLE DIRECT COSTS

- *website for State Reimbursement Rates
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- **Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: RR-13-4116

Consultant: DB Sterlin Consultants Inc.

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: William Kucera

Project Engineer: Basar Civelek

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

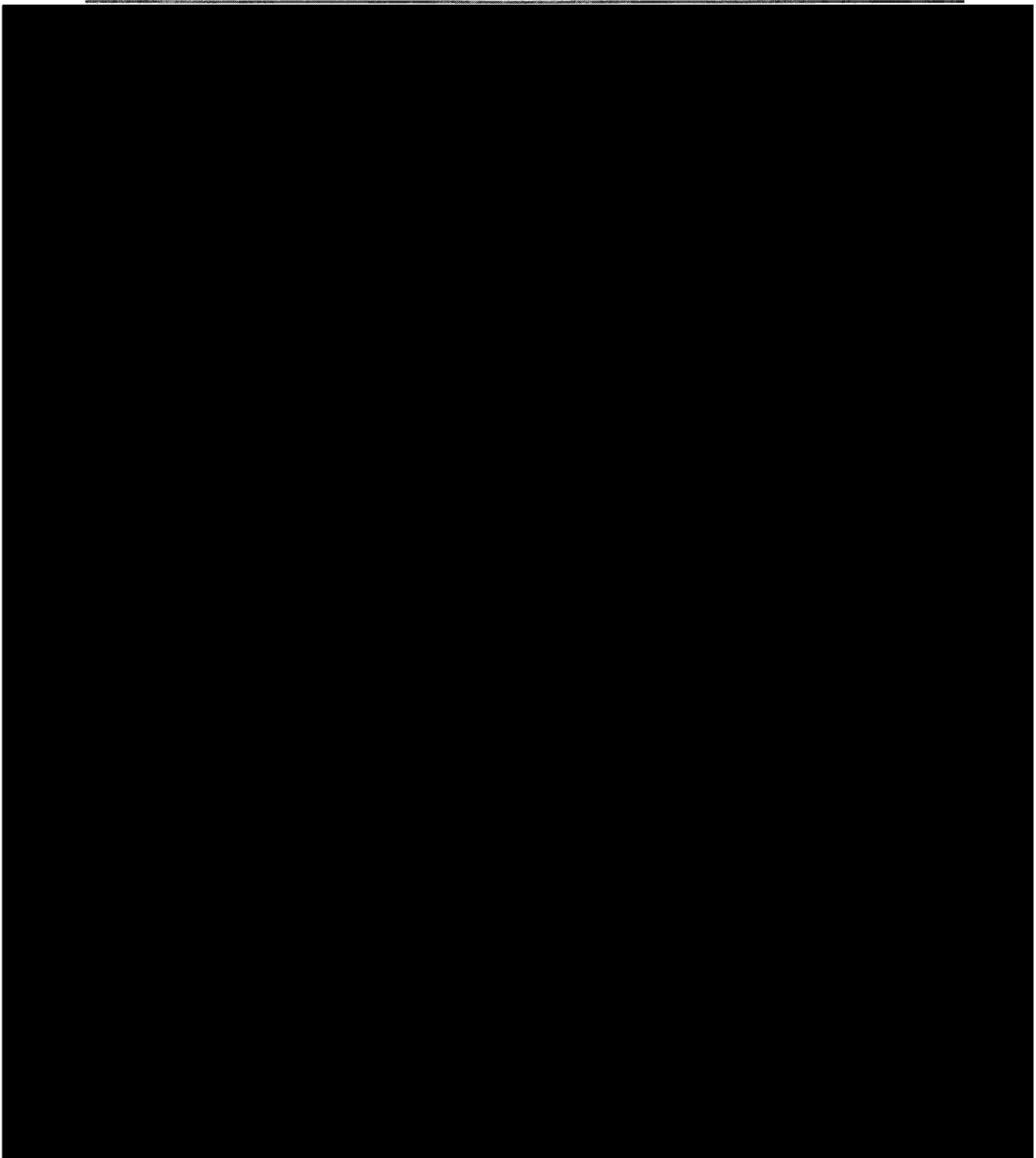
Classification: _____

Name: _____

Classification: _____

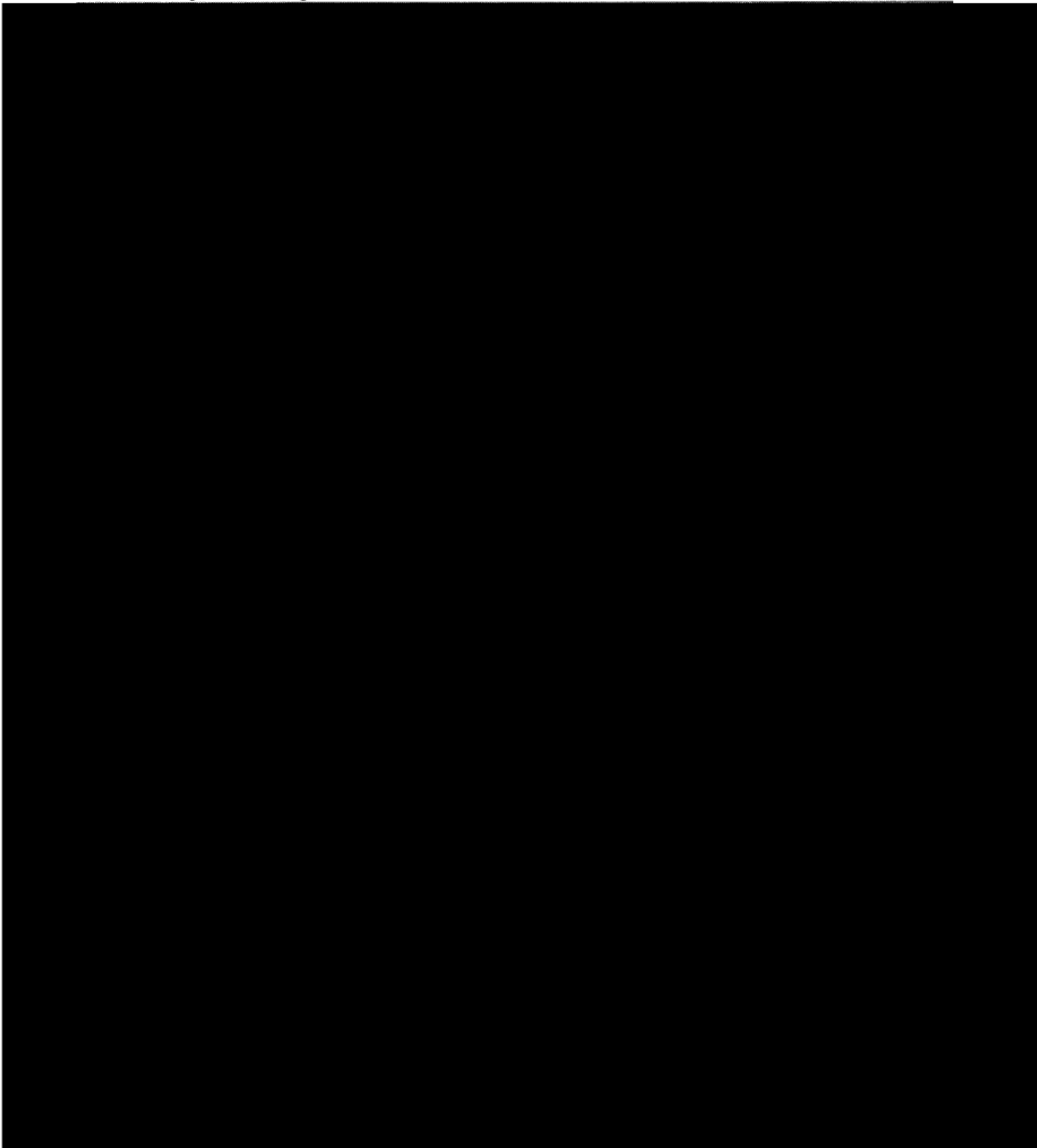


William Kucera, PE
Senior Project Manager



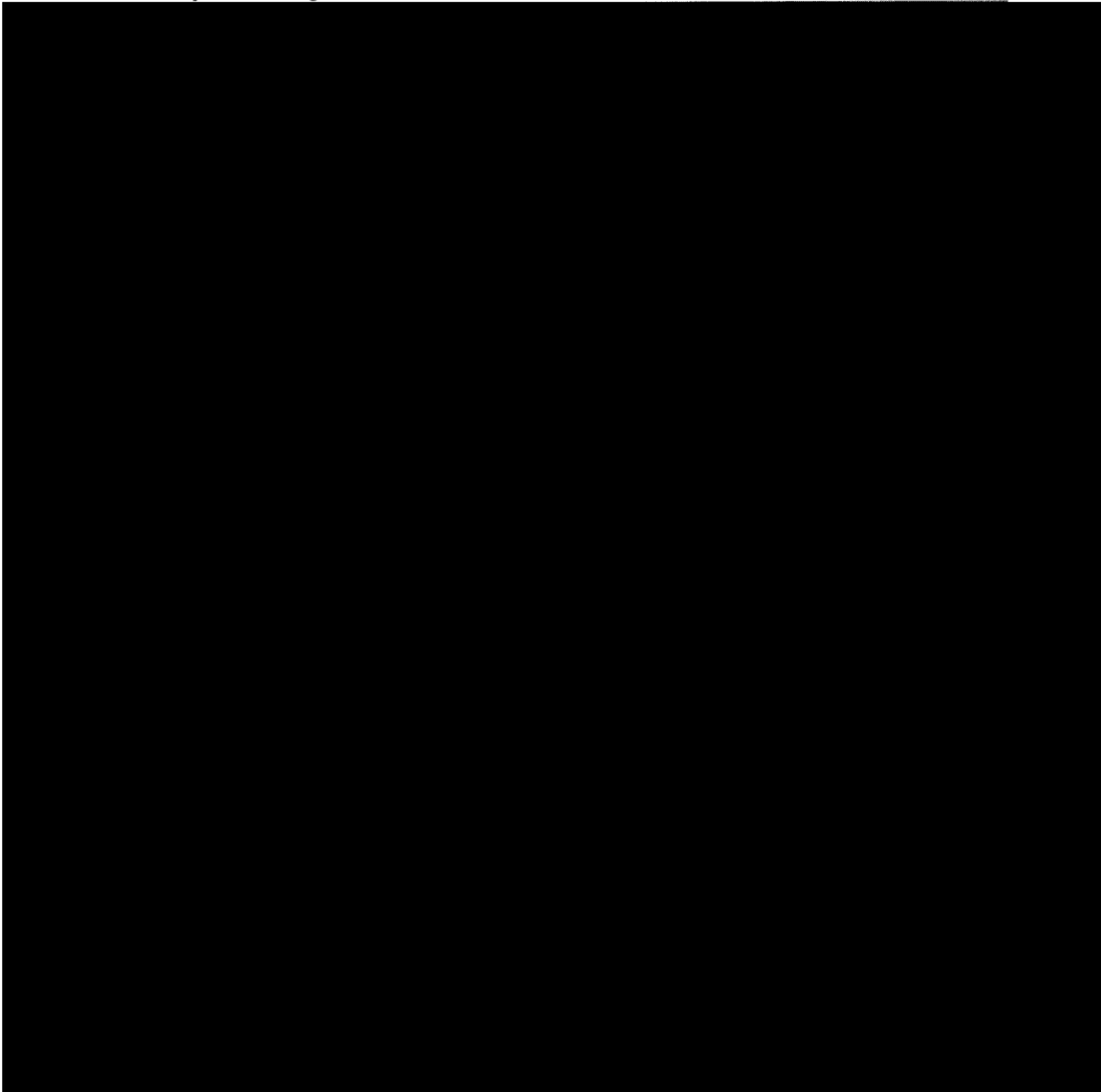


William Kucera, PE
Senior Project Manager



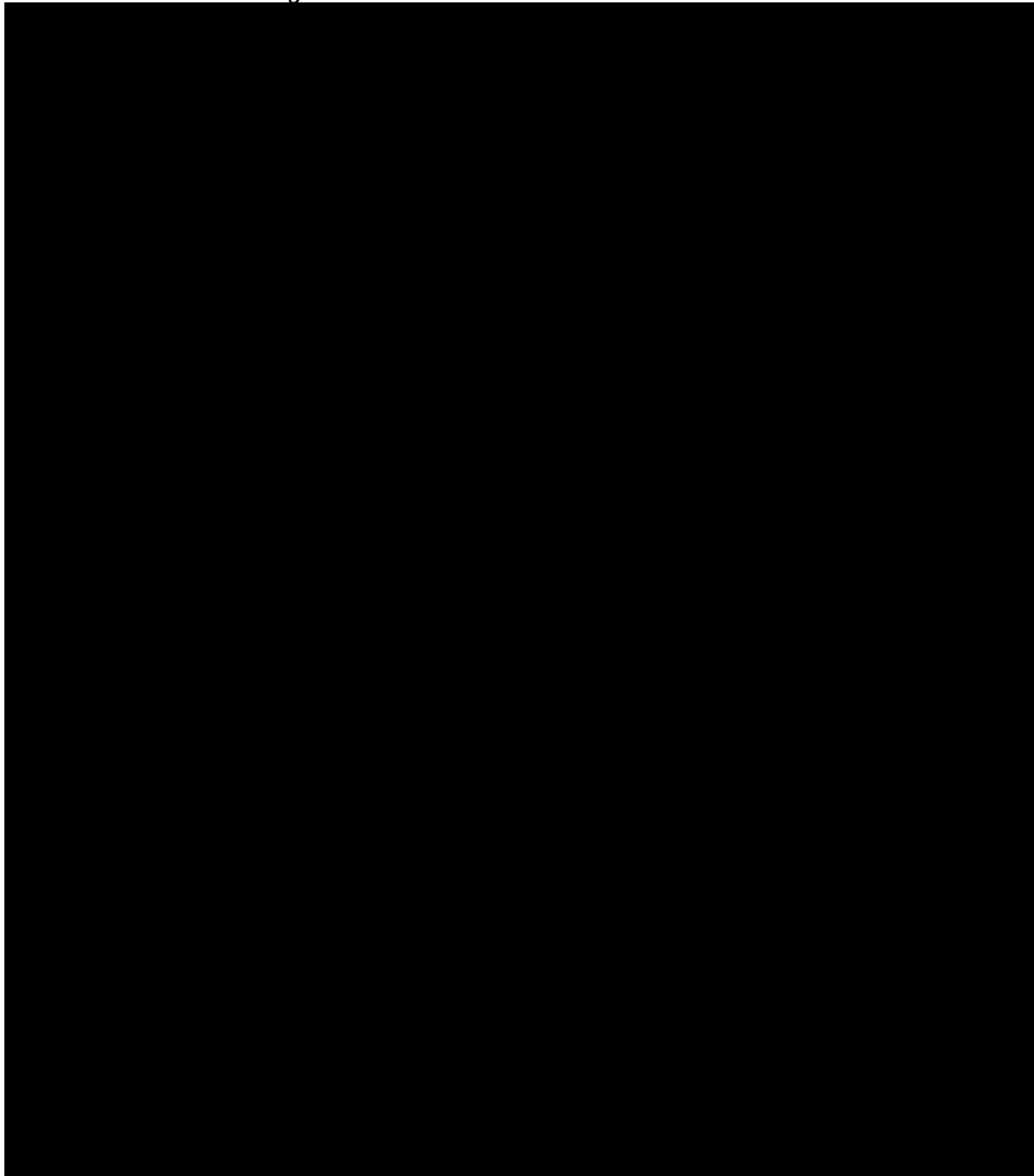


William Kucera, PE
Senior Project Manager



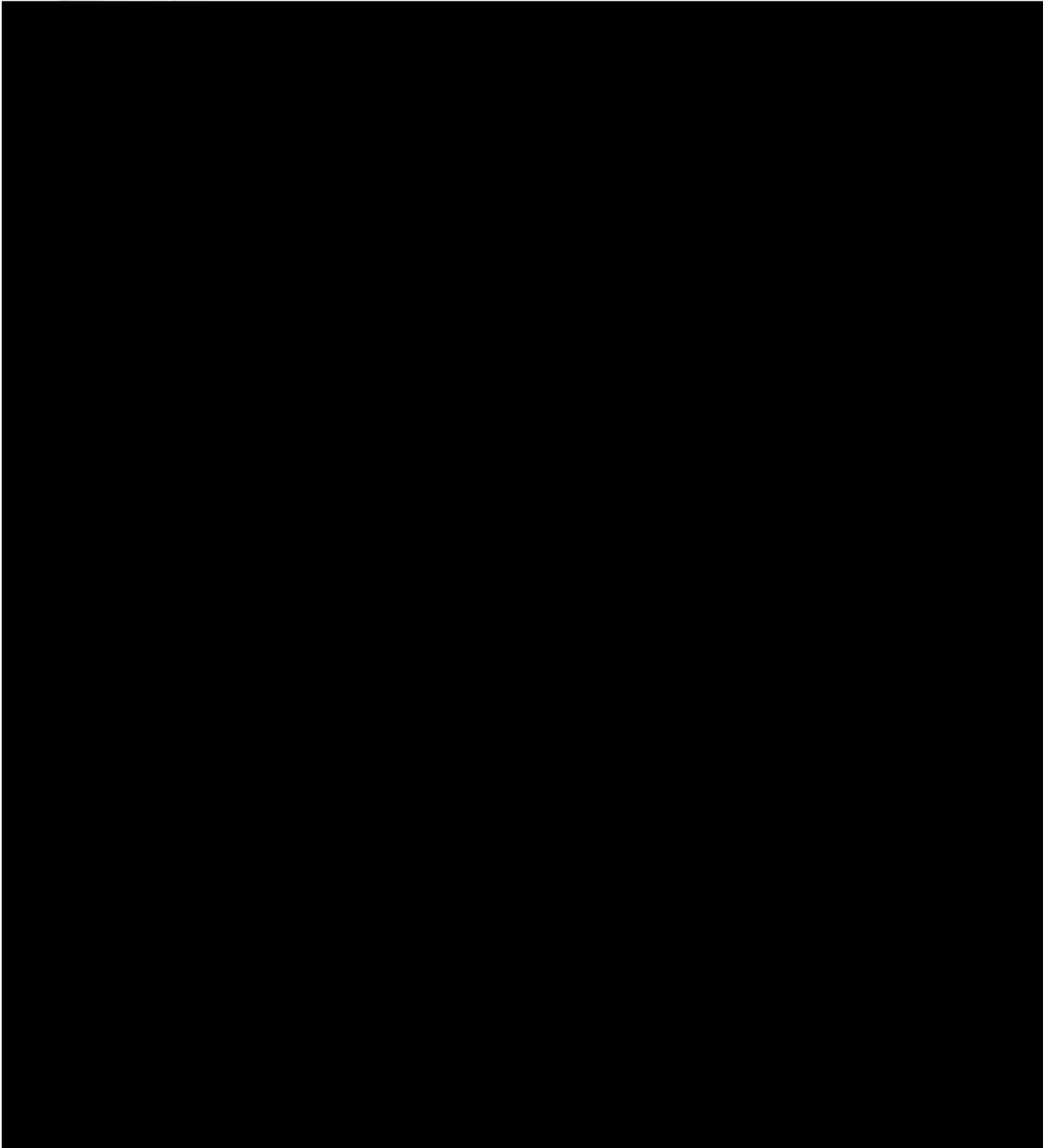


Basar Civelek, PhD, PE, SE
Senior Structural Engineer





Basar Civelek, PhD, PE, SE
Senior Structural Engineer





Basar Civelek, PhD, PE, SE
Senior Structural Engineer

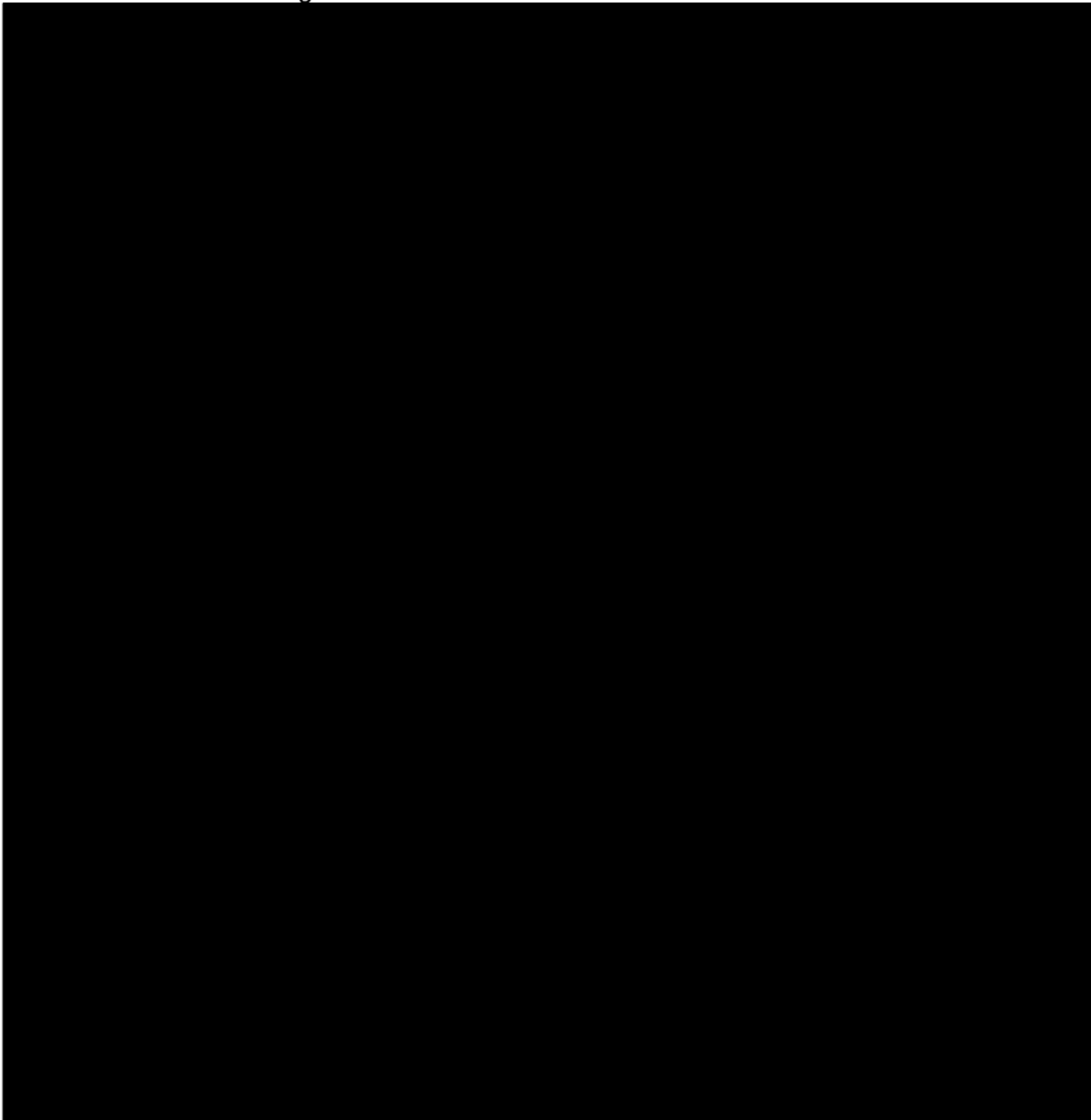


EXHIBIT F

Contract No. RR-13-4116

DB Sterlin Consultants Inc.

SCOPE OF SERVICES

Supplemental engineering services to be provided as a result of modified geometry include the following items:
Overhead Sign Structure - Location changes/foundation redesigns (96 hours), MSE Wall: Newly proposed wall item includes wall design and configuration (88 hours) as well as wall type analysis and report (24 hours) and detailing of the associated moment slab (56 hours)

EXHIBIT G

Contract No. RR-13-4116

DB Sterlin Consultants Inc.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
RR-13-5662	Construction Management	\$4,615,000.00	\$20,000.00	5/31/2017
RR-13-5660	Construction Management	\$336,610.00	\$20,000.00	5/31/2017
I-14-4186	Construction Management	\$685,000.00	\$100,000.00	6/30/2017
RR-16-5243	Design Engineering	\$240,000.00	\$130,000.00	8/31/2017

EXHIBIT H - SERVICES BY OTHERS

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

DBE/MBE/WBE SUBCONSULTANTS

1	<hr/>		
Direct Labor			
Direct Costs			
Services by Others			
Additional Services **			
Total this Subconsultant (ULC)		\$	-

6	<hr/>		
Direct Labor			
Direct Costs		\$	-
Services by Others		\$	-
Additional Services **		\$	-
Total this Subconsultant (ULC)		\$	-

2	<hr/>		
Direct Labor			
Direct Costs			
Services by Others			
Additional Services **			
Total this Subconsultant (ULC)		\$	-

7	<hr/>		
Direct Labor			
Direct Costs		\$	-
Services by Others		\$	-
Additional Services **		\$	-
Total this Subconsultant (ULC)		\$	-

3	<hr/>		
Direct Labor			
Direct Costs		\$	-
Services by Others		\$	-
Additional Services **		\$	-
Total this Subconsultant (ULC)		\$	-

8	<hr/>		
Direct Labor			
Direct Costs		\$	-
Services by Others		\$	-
Additional Services **		\$	-
Total this Subconsultant (ULC)		\$	-

4	<hr/>		
Direct Labor			
Direct Costs		\$	-
Services by Others		\$	-
Additional Services **		\$	-
Total this Subconsultant (ULC)		\$	-

9	<hr/>		
Direct Labor			
Direct Costs		\$	-
Services by Others		\$	-
Additional Services **		\$	-
Total this Subconsultant (ULC)		\$	-

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Direct Labor			
Direct Costs		\$	-
Services by Others		\$	-
Additional Services **		\$	-
Total this Subconsultant (ULC)		\$	-

10	<hr/>		
Direct Labor			
Direct Costs		\$	-
Services by Others		\$	-
Additional Services **		\$	-
Total this Subconsultant (ULC)		\$	-

** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): _____

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): _____

EXHIBIT H - SERVICES BY OTHERS (continued)

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

1	<table border="0" style="width: 100%;"> <tr> <td style="width: 20%;">Direct Labor</td> <td style="border-bottom: 1px solid black; width: 60%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Total this Subconsultant (ULC)</td> <td style="border-bottom: 1px solid black; text-align: right;">\$ -</td> <td></td> </tr> </table>	Direct Labor			Direct Costs			Services by Others			Additional Services **			Total this Subconsultant (ULC)	\$ -	
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Direct Costs																
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Additional Services **																
Total this Subconsultant (ULC)	\$ -															

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Total this Subconsultant (ULC)	\$ -															

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Total this Subconsultant (ULC)	\$ -															

** Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ -

Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: Singh & Associates, Inc.

Contract Number: RR-13-4116

Proposal Date: 4/25/2017

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website

Contract Number: RR-13-4116

Consultant: Singh & Associates, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2017												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Lighting		40	80	20	20	20							180
Pavement Marking & Signing				40	40	20							100
Design Computations													
Estimates, Quantities & Specifications													
Meetings & Coordination													
QA/QC													
Project Management													
Roosevelt Road Underpass Lighting		40	80	40	20	20							200
TOTALS		80	160	100	80	60							480

Grand Total Exhibit A Hours

480

Contract No.: RR-13-4116

Consultant: Singh & Associates, Inc.

EXHIBIT B: FEE CALCULATIONS

A. DIRECT LABOR (without overtime)

$$\frac{480.00}{\text{(Total Work Hours from Exhibit C-2)}} \times \$ \frac{39.57}{\text{(Average Hourly Rate from Exhibit C-2)}} = \text{TOTAL DIRECT SALARY } \$ \underline{18,993.60}$$

Multiplier to be used on this project: 2.80
Allowable Multiplier = (2.8 DSE) (2.5 or 2.8 CM) (2.5 PMO)

DIRECT REGULAR SALARY TIMES MULTIPLIER \$ 53,182.08

B. REIMBURSABLE DIRECT COSTS NOT ELIGIBLE FOR PROFIT

(For Prime Consultant listed above.)

TOTAL DIRECT COSTS _____

C. SERVICES BY OTHERS

Total Allowable Fee DBE/MBE/WBE Subconsultant (from Exhibit H) \$ _____ -

Total Allowable Fee Non-DBE/MBE/WBE Subconsultant (from Exhibit H (cont)) \$ _____ -

TOTAL SERVICES BY OTHERS \$ _____ -

D. ADDITIONAL SERVICES (Prime Consultant)

(Requires prior authorization before use)

ADDITIONAL SERVICES (Subconsultants)

(Requires prior authorization before use)

TOTAL ADDITIONAL SERVICES \$ _____ -
(Requires prior authorization before use)

E. MAXIMUM ALLOWABLE FEE (Upper Limit of Compensation)

\$ 53,182.08

Contract No.: RR-13-4116 Consultant: Singh & Associates, Inc.

Date: 4/25/2017

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

CONTRACT TERM: 5 No. OF MONTHS
 SCHEDULED START DATE: 2/1/2017
 RAISE DATE: 1/1/2018
 PERCENT OF RAISE: 3%

ESCALATION PER YEAR Year 1 through 5

2/1/2017	-	6/30/2017	-	-	-
Date		Date		Date	Date
	5.0				5.0
	5.0				5.0
100.00%					Escalation Factor First Period
					Escalation Factor Second Period
					Escalation Factor Third Period
					Escalation Factor Fourth Period
					Escalation Factor Fifth Period

ESCALATION PER YEAR Year 6 through 10

	-		-		-
Date		Date		Date	Date
	5.0				5.0
	5.0				5.0
					Escalation Factor Sixth Period
					Escalation Factor Seventh Period
					Escalation Factor Eighth Period
					Escalation Factor Ninth Period
					Escalation Factor Tenth Period

The escalation factor for this project is: 100.00%

Contract No.: RR-13-4116

Consultant: Singh & Associates, Inc.

Date: 4/25/2017

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES

										DIRECT COST		
										OVERTIME PREMIUM		
										Total Estimated O/T Hours:		
										Average Premium O/T Hourly Rate:		
										Total Overtime Premium:		
										Escalated Average Premium Overtime Hourly Rate (See Note C to Right)		
										Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)		
										Escalated Average Premium Overtime Hourly Rate (See Note B to Right)		
										Estimated Work Hours (Including Overtime)		
										Escalated Average Hourly Rate for Classification (See Note A to Right)		
										Average Hourly Rate for Classification (See Note A to Right)		
										Tollway MAXIMUM Hourly Rate for Classification		
										Tollway MINIMUM Hourly Rate for Classification		
										Tollway Classification		
										Classification Eligible for Premium Overtime?		
No	Principal	\$50.00	\$70.00									
No	Project Manager	\$40.00	\$70.00	\$46.00	\$46.00						120.00	
No	Senior Engineer/Planner	\$40.00	\$70.00	\$56.50	\$56.50						72.00	
No	Resident Engineer	\$40.00	\$70.00									
No	Project Engineer/Planner	\$25.00	\$60.00	\$37.30	\$37.30						136.00	
No	Staff Engineer/Planner	\$20.00	\$40.00									
No	Engineer /Accountant	\$20.00	\$60.00	\$28.50	\$28.50						152.00	
No	Senior Technical Specialist	\$25.00	\$60.00									
No	Technical Specialist	\$15.00	\$50.00									
No	Architect	\$30.00	\$70.00									
No	Realty Specialists	\$20.00	\$70.00									
No	Intern	\$8.25	\$20.00									
No	Admin/Clerical	\$8.25	\$40.00									

Contract No.: RR-13-4116

Consultant: Singh & Associates, Inc.

Date: 4/25/2017

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal			\$50 - \$70
Project Manager	Engineer III	Rashesh Kumar Patel	\$40 - \$70
Senior Engineer/Planner	Engineer IV	Kirankumar Prajapati	\$40 - \$70
		Lora Supencheck	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Engineer II	Melvin Garvida	\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant	Engineer III	Vytas Pelegrimas	\$20 - \$60
	Engineer III	Paul Rogas	
	Engineer III	Vincent Olsauskas	
	Engineer II	Stephen Gruberman	
	Engineer II	Vilmantas Gurskas	
	Engineer II	Sia Prosper	
	Engineer III	Justin Holt	
	Engineer II	Fernando Tongsy	
	Engineer II	Omar Alsharbini	
	Engineer III	Andrew Higgins	
	Engineer I	Eunseok Choi	
	Engineer I	Binu Nair	
	Engineer I	John Abadeza	
Senior Technical Specialist			\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40

Contract No.: RR-13-4116 **Consultant:** Singh & Associates, Inc.

EXHIBIT D

REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES

- A. VEHICLE REIMBURSEMENT - rate based on link below**
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>

- B. ALLOWABLE DIRECT COSTS - based on link below**
http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF

- C. ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

DIRECT COST CATEGORY

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) _____

ALLOWABLE DIRECT COSTS

10.01.2013

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	State Rate* (Maximum)
Mileage	\$55/day (Maximum)
Vehicle Rental	
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography and mapping	Actual Cost
Utility exploratory trenching	Actual Cost

ALLOWABLE DIRECT COSTS

- *website for State Reimbursement Rates
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- **Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: RR-13-4116

Consultant: Singh & Associates, Inc.

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: Rashesh Kumar Patel

Project Engineer: Melvin Garvida

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: Vytas Pelegrimas

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: Vilmantas Gurskas

Classification: Engineer II (Electrical Engineer)

Name: Lora Supencheck

Classification: Engineer IV (Civil Engineer)

Name: _____

Classification: _____

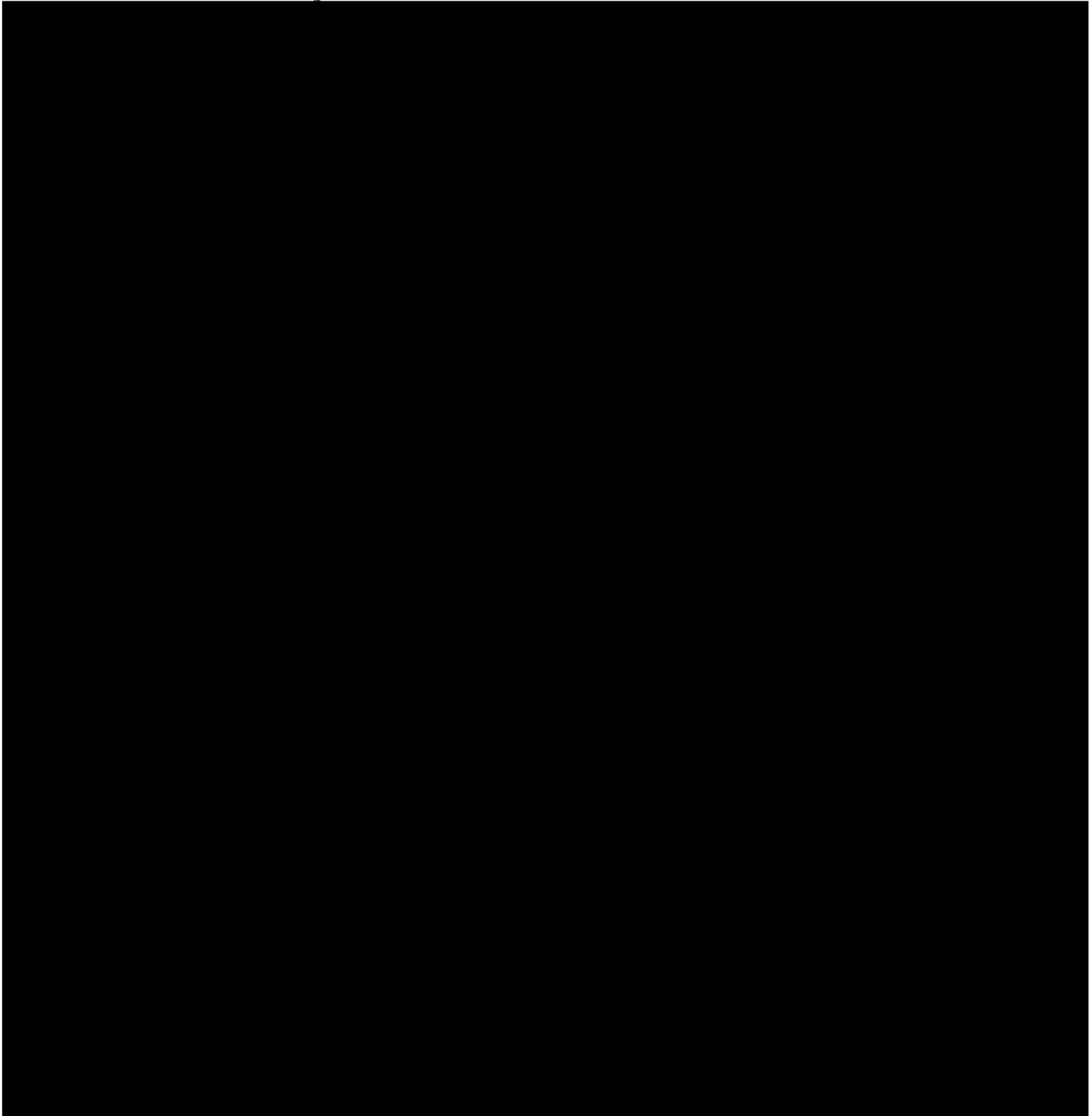
Name: _____

Classification: _____

SINGH

|| RASHESH KUMAR PATEL, PE

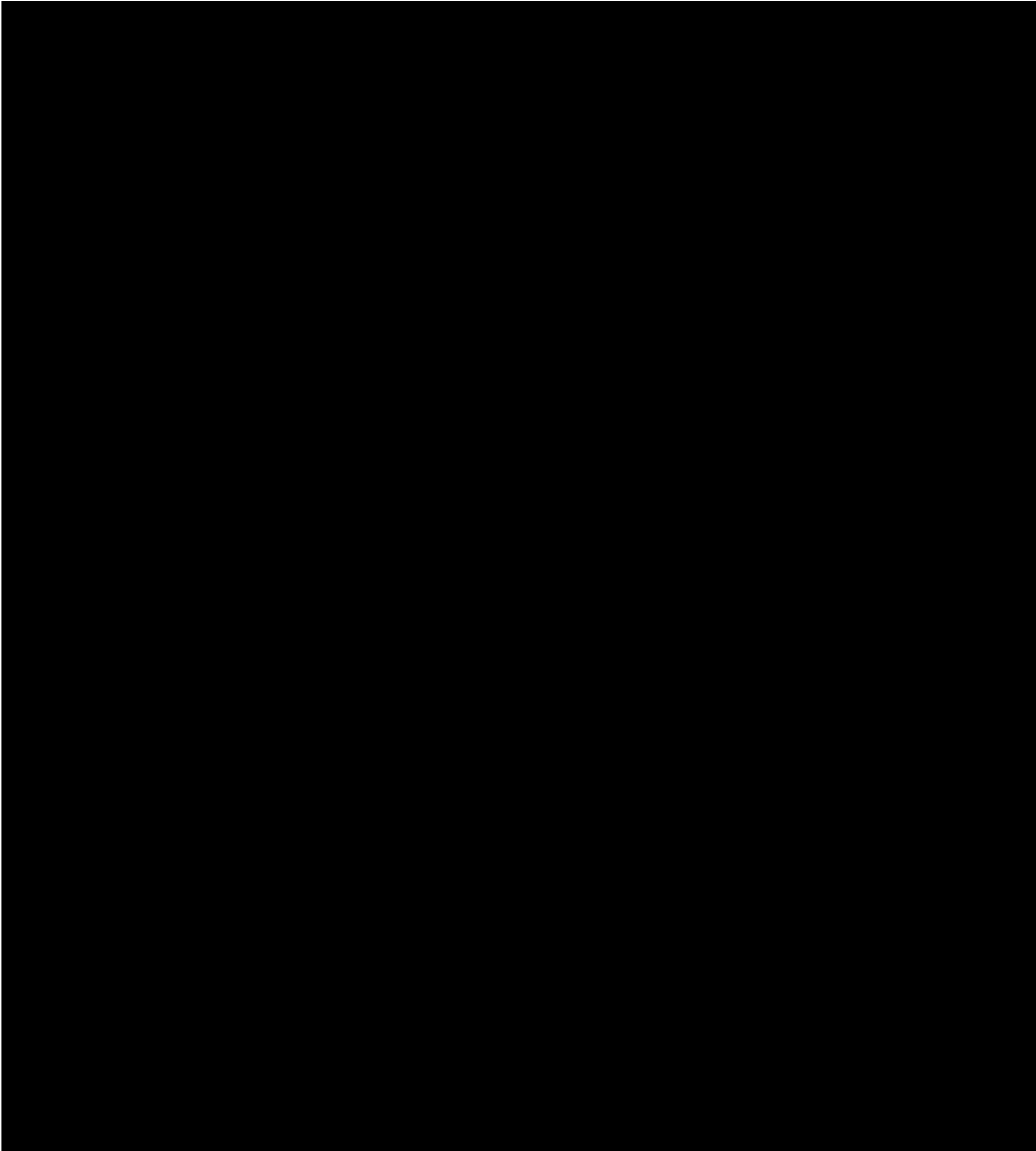
|| ELECTRICAL ENGINEER



SINGH

RASHESH KUMAR PATEL, PE

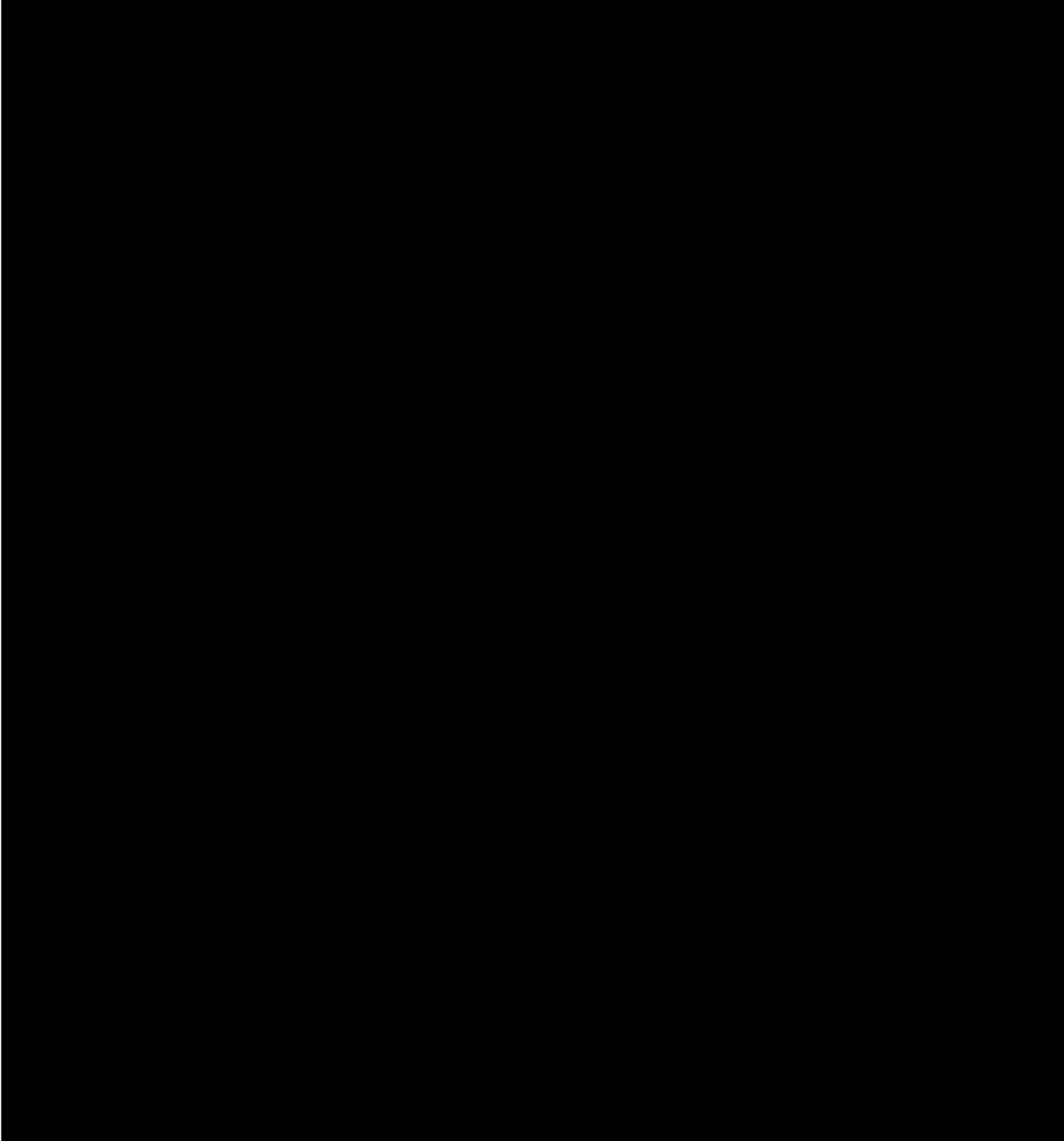
page 2



SINGH

MELVIN GARVIDA

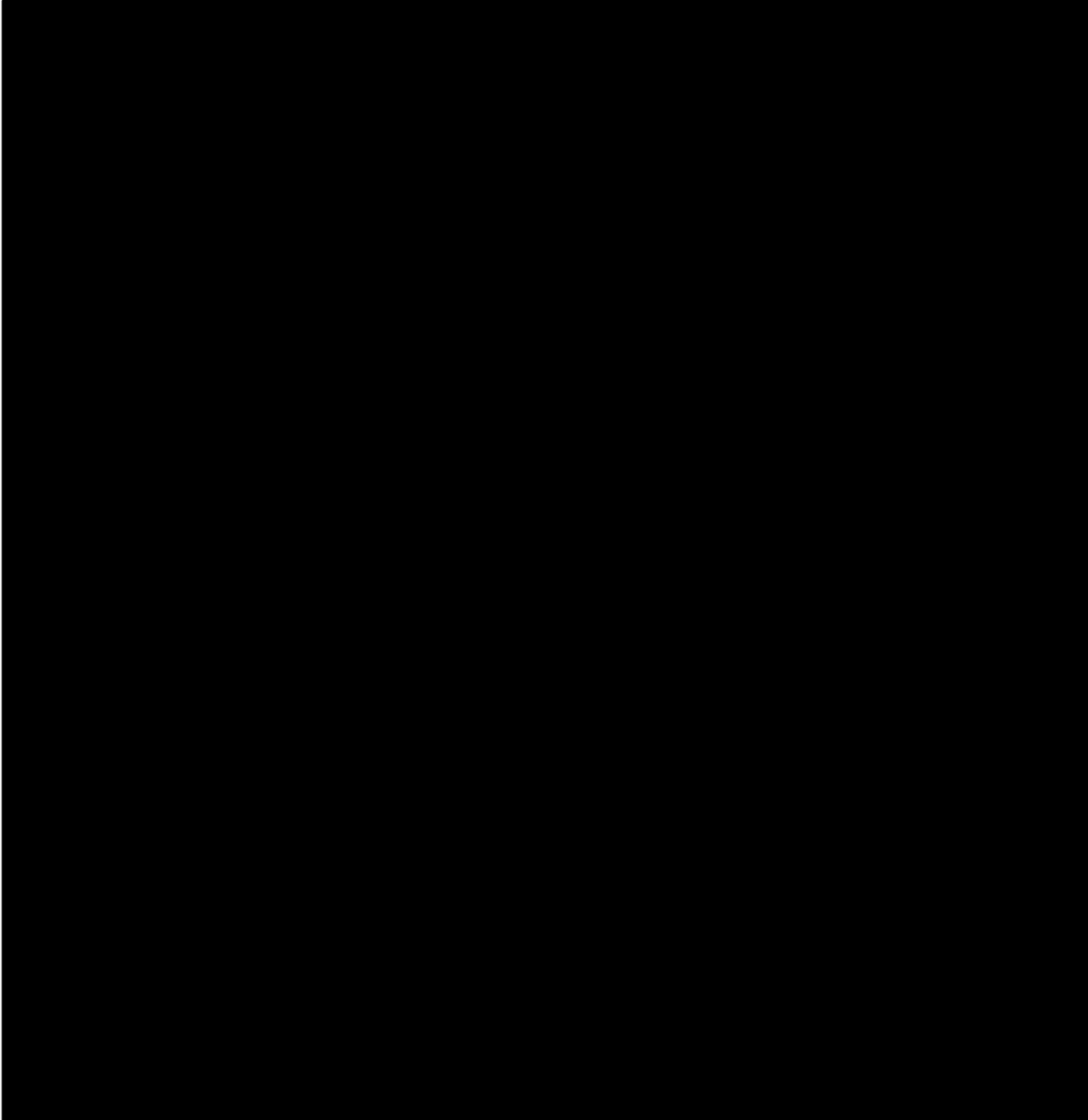
TRAFFIC SIGNALS + LIGHTING ENGINEER



SINGH

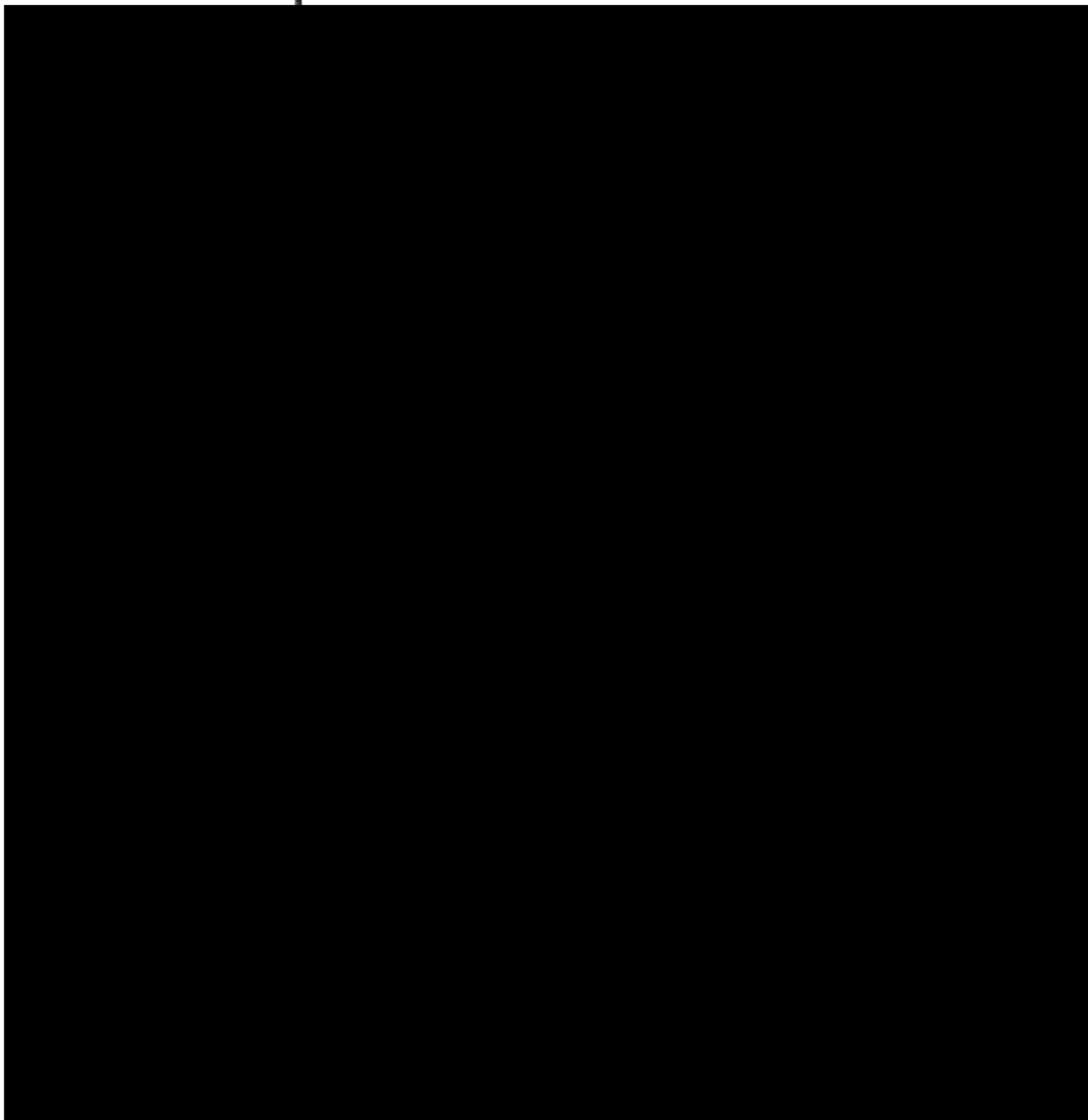
MELVIN GARVIDA

page 2



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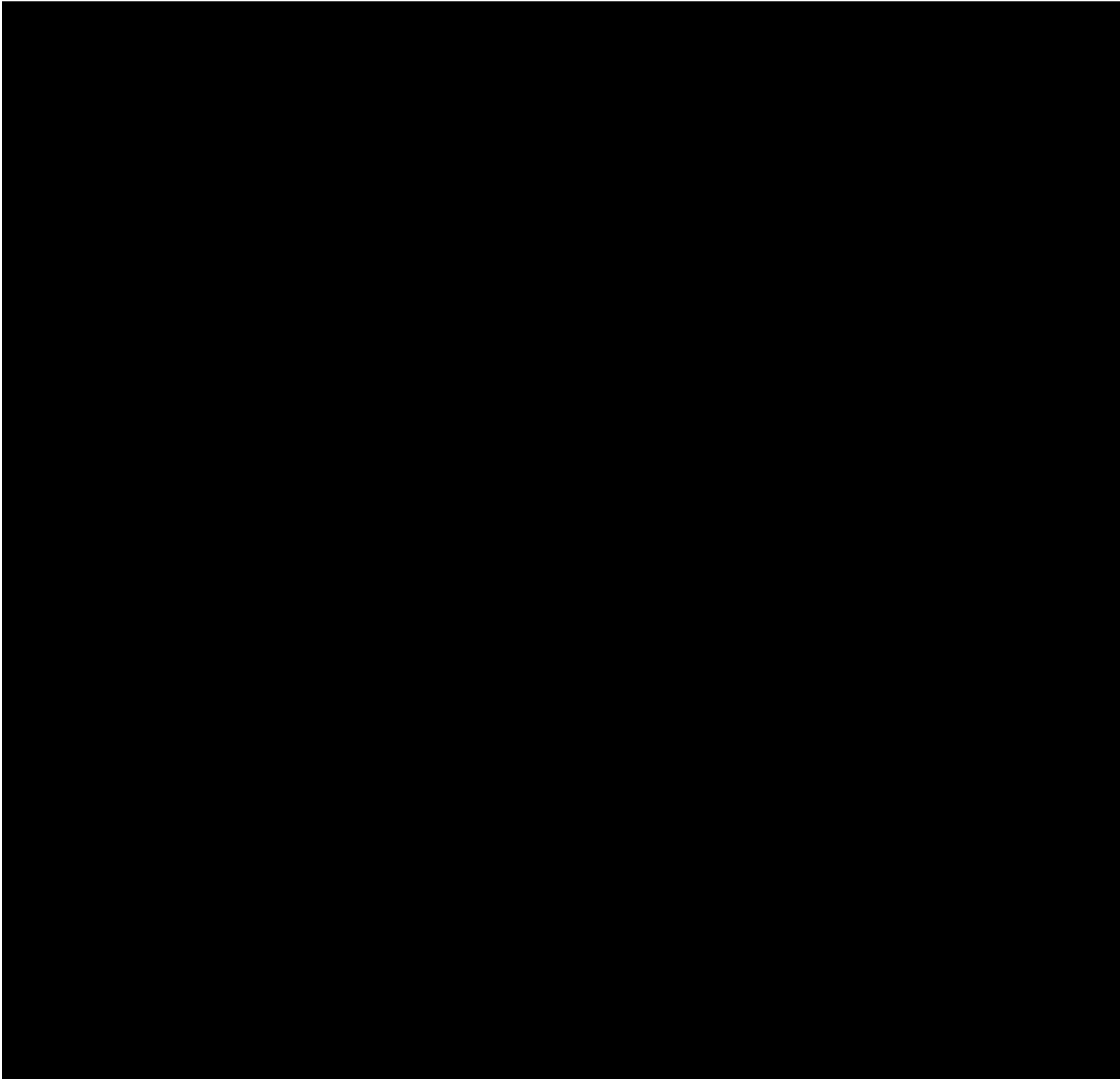
■ VYTAS PELEGRIMAS, PE
■ CIVIL ENGINEER



SINGH

VYTAS PELEGRIMAS, PE

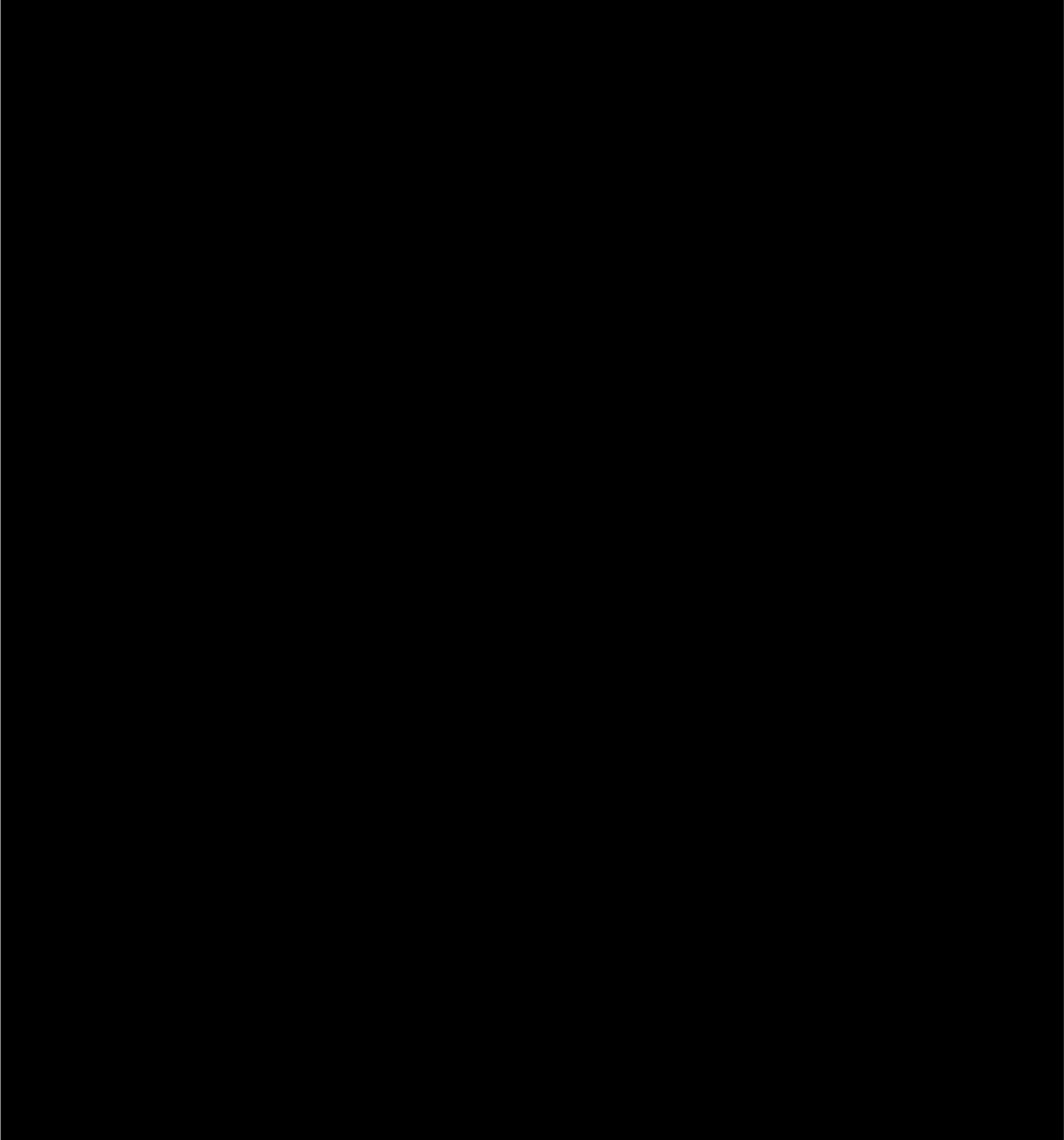
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| **VILMANTAS GURSKAS**

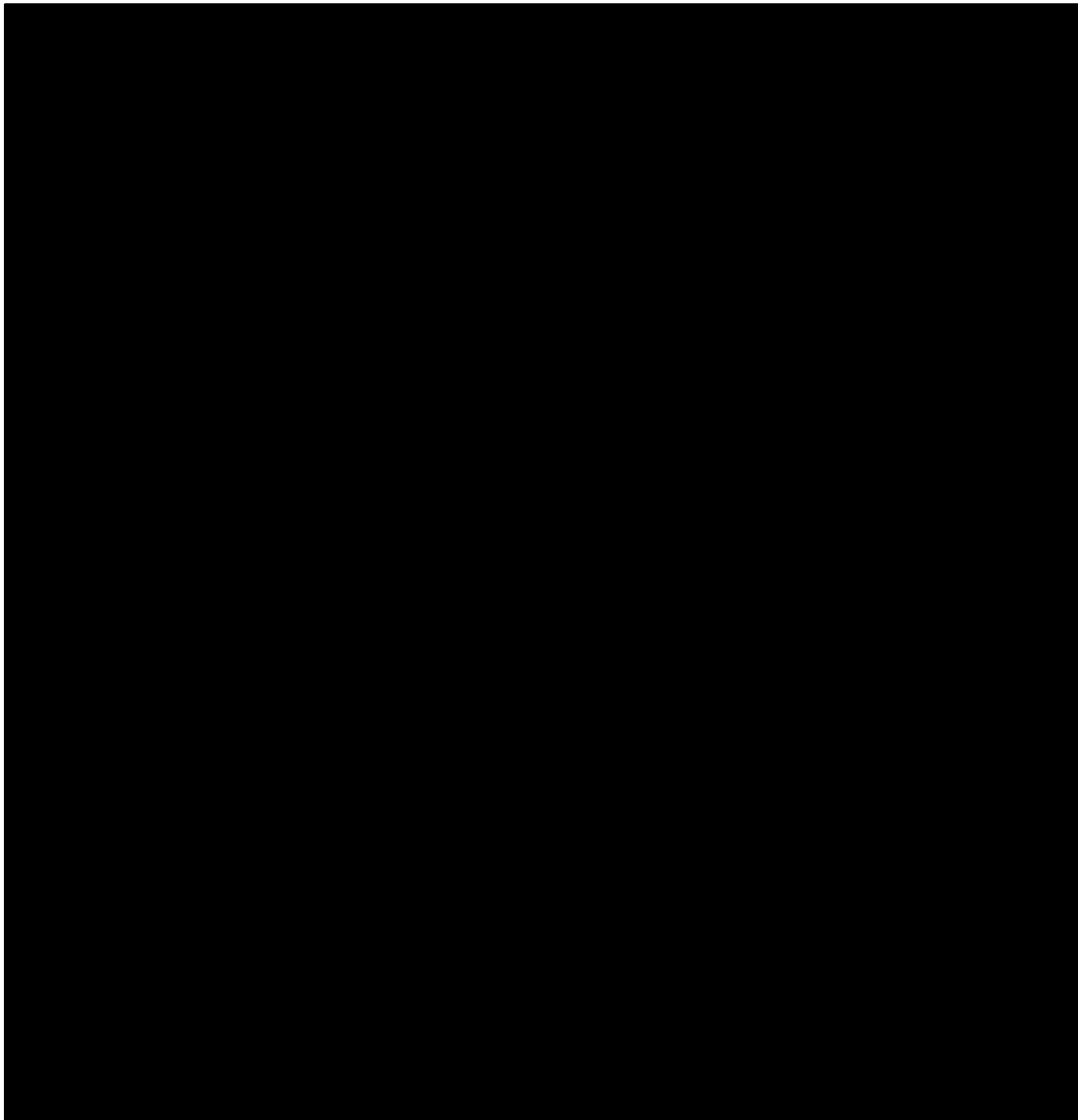
| LIGHTING ENGINEER



SINGH

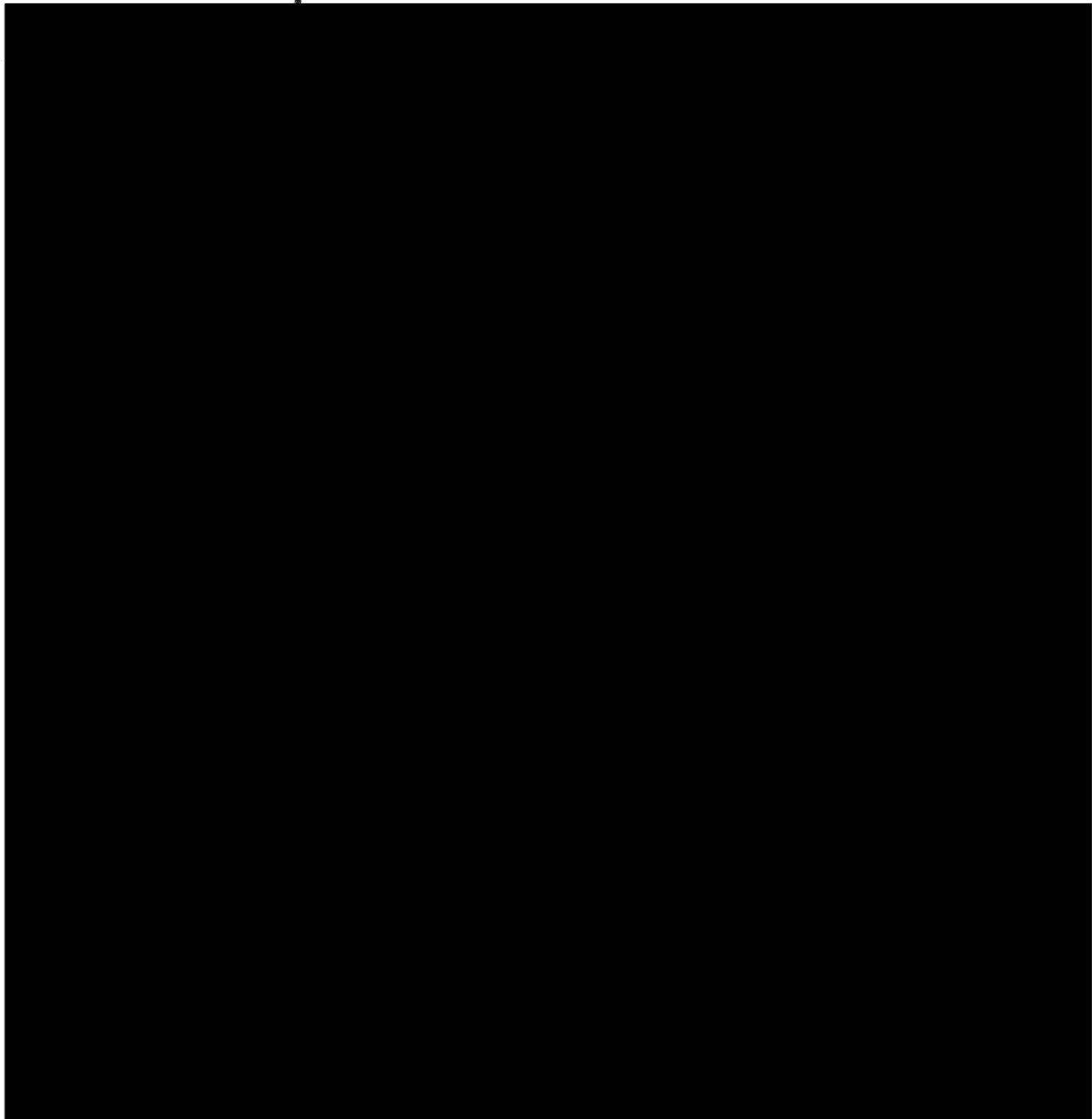
VILMANTAS GURSKAS

page 2



SINGH

| LORA SUPENCHECK, PE
| TRANSPORTATION MANAGER



SINGH

LORA SUPENCHECK, PE

page 2

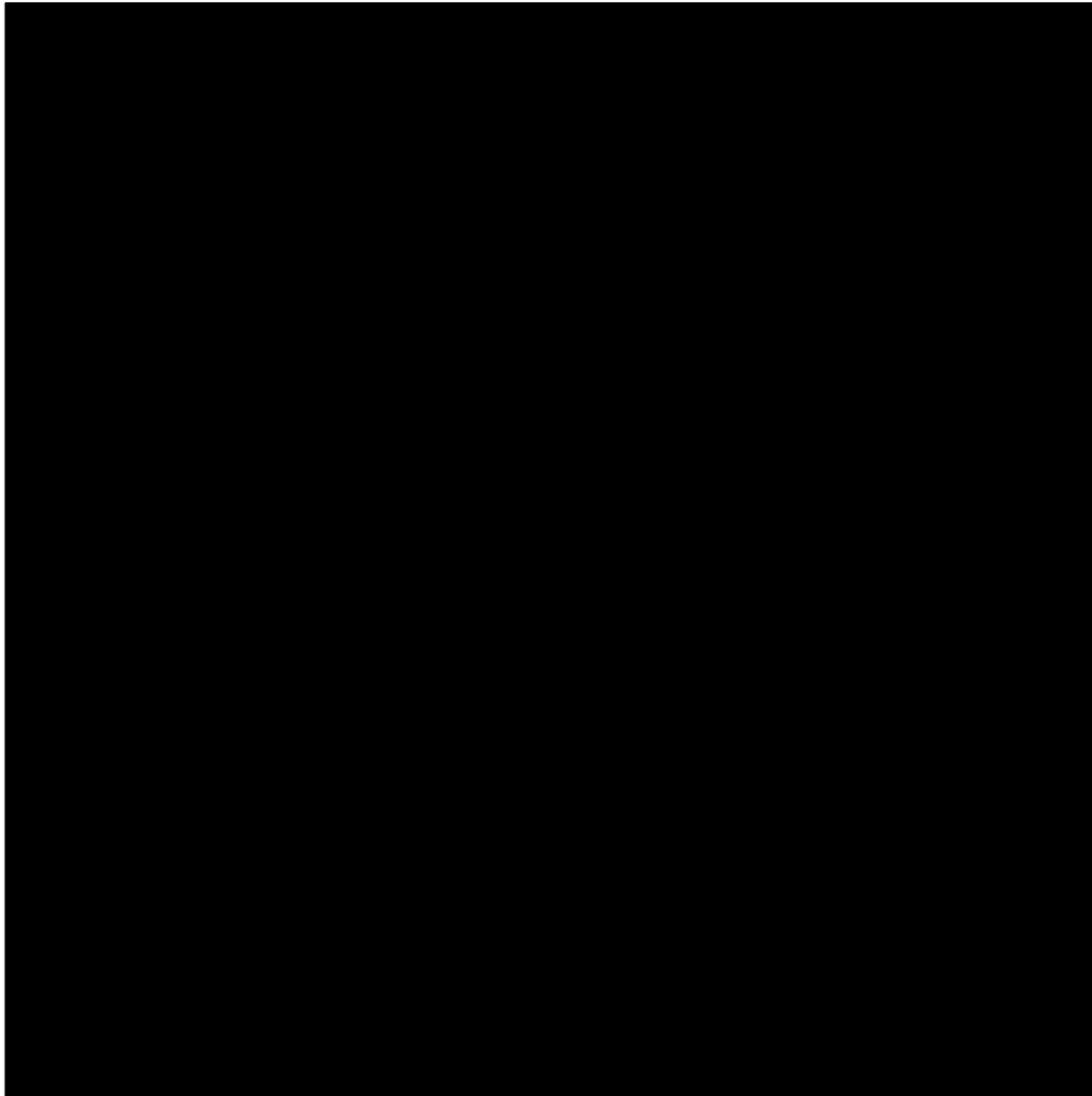


EXHIBIT F

CONTRACT RR-13-4116

SINGH + ASSOCIATES, INC.

SCOPE OF SERVICES

PROJECT: I-88 REAGAN MEMORIAL TOLLWAY
LIMITS: York Rd (M.P. 138.9) to I-290 (M.P. 140.4)
COUNTY: DuPage & Cook
SINGH PROJECT NO.: 13139
ISTHA CONTRACT NO.: RR-13-4116

The Illinois Tollway requests design section engineering (DSE) services for the preparation of contract plans, specifications and project related permits for the roadway reconstruction of I-88 Reagan Memorial Tollway in DuPage and Cook County, Illinois. Project limits are from York Rd (M.P. 138.9) to median turnaround near I-290 (M.P. 140.4).

Singh & Associates, Inc. (SINGH) is a sub-consultant to Parsons Transportation Group. The various design tasks required for this project only pertain to SINGH's additional scope, which consist of the following elements and assumptions:

1. LIGHTING

Tollway-I-88 Lighting

Proposed lighting plan revisions due to geometric changes on portion of I-88, Ramp E, and Ramp F and revisions include following items:

- a. Relocation of Light Poles
- b. Callout revisions
- c. Circuiting revision due to new lighting controller
- d. Panelboard Schedule Revision

Temporary lighting design revisions due to MOT changes and geometric changes and and revisions include following items:

- a. Relocation of existing lighting controller
- b. Additional temporary light poles
- c. Revision to temporary circuiting
- d. Callout revisions

Update Quantities and cost estimate

Revision of voltage drop calculation

IDOT- Roosevelt Road Lighting

Concept Engineering

- a. Prepare Concept Underpass Lighting Report, summarizing lighting design and improvements using IDOT approve luminaires for underpass lighting.

Preliminary and Final Design Engineering

- a. Prepare Lighting plans, and in accordance to the scope of work defined Concept Design report. Includes the following:
 - b. IDOT Underpass Lighting at I-88 Bridge over Roosevelt Rd (IL Rt. 38)
 - c. Lighting design including removing and relocating existing lighting units impacted by I-88 bridge widening, temporary lighting system and upgrades of existing roadway lighting system up to the current IDOT standards.
 - d. Photometric calculations, voltage drop calculations, raceway and wire sizing
 - e. Removal, temporary and proposed lighting plans, including details, wiring diagrams and schedules
 - f. ComEd Service Connections if required
 - g. Provide Detailed Quantity Calculations & Schedule of Quantities for all tasks outlined above.
 - h. Provide Construction Cost Estimating for all tasks outlined above.
 - i. Prepare Special Provisions for all tasks outlined above.
 - j. Prepare Preliminary (60%), Pre-Final (95%), Final (100%), and all other submittals as required in the DSE Manual.

2. SIGN AND PAVMENT MARKING

Proposed Signing and Pavment marking plan revisions due to geometric changes on portion of I-88, Ramp E, and Ramp F and revisions include following items:

- a. Typical pavement marking sections
- b. Sign truss placement details, cross sections, callouts of PGL.
- c. Break away sign detail sheets cross sections
- d. Guide signs details and planview due to Ramp E alignment change
- e. Update pavement marking line work, callouts, stations, dimension from Sta. 7375+00 to 7436+33.5
- f. Update ground mounted and barrier wall sign locations, update schedule stationing

EXHIBIT G
RR-13-4116
Singh + Associates, Inc
CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplements and Extra Work Orders)	Fee Remaining to be Earned	Estimated Date of Completion
I-11-4018	DCM - Jane Addams (sub)	\$ 638,039	\$ 7,000	12/31/16
I-12-4041	Elgin-O'Hare Western Access, US 20 to IL 83	\$ 1,618,114	\$ 87,123	07/31/17
I-14-4645	Elgin-O'Hare Western Access CA (sub)	\$ 112,100	\$ 5,000	
RR-13-5660	Roadway Resurfacing, Reagan Memorial Tollway (I-88), US 30 to US 52 (sub)	\$ 229,700	\$ -	11/30/14
RR-13-4116	I-88, York Road to I-290 (Sub)	\$ 280,000	\$ 69,000	10/15/15
I-13-4623	EOWA at IL 19 Interchange (sub)	\$ 195,000	\$ 71,500	06/01/17
I-14-4196	Jane Addams Memorial Tollway (I-90) and Systemwide, DUR (Sub)	\$ 123,100	\$ -	12/31/16
RR-14-5703	Design Upon Request - Systemwide	\$ 1,275,000	\$ 551,000	06/30/23
RR-14-4224	Tri-State Tollway Roadway Study	\$ 367,000	\$ 100,000	12/31/17
PTB 157/001	I-290 Traffic Study (sub)	\$ 725,600	\$ 70,220	02/01/17
D-92-026-11;				
PTB 158-016	Various Phase I/II Projects (Sub)	\$ 60,000	\$ 50,000	
PTB 168-011	District 1 Various Signals	\$ 345,500	\$ 51,500	12/31/16
PTB 168-006 & P-91-376-13	I94/US 40 Smart Highway Corridor Design (sub)	\$ 369,000	\$ 249,000	12/31/16
PTB 168-007 & D-91-314-13	Various Phase II Projects (sub)	\$ 90,500	\$ 12,000	12/31/16
PTB 168-016 & D-92-073-11	US 30 BR (West State Street), from Day Avenue to Independence Avenue (sub)	\$ 45,600	\$ 2,000	12/31/16
PTB 171-006 & P-91-195-14	Phase I Various ADA Projects (sub)	\$ 20,500	\$ 20,500	08/07/19
PTB 172-008 / D-91-354-14	Various ITS and Electrical Projects	\$ 500,000	\$ 476,000	01/23/17
PTB 172-006 / D-91-333-14	Various Phase II Traffic Signal Design Project (sub)	TBD by WO		
PTB 152-016 & P-91-505-09	Phase I Lighting Assessments (sub)	\$ 99,500	\$ -	12/31/15
PTB 173-006 & P-91-442-14	Phase I Various/Various Projects (sub)	\$ 50,000	\$ 35,000	
PTB 174-017 & D-30-003-15	Various Pump Station Projects (sub)	\$ 20,000	\$ 15,000	10/15/25

EXHIBIT G
RR-13-4116
Singh + Associates, Inc
CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplements and Extra Work Orders)	Fee Remaining to be Earned	Estimated Date of Completion
PTB 174-008	FAP 344 (IL 83) at IL 171 (Archer Avenue) - South Junction (sub)	\$ 29,300	\$ -	12/31/16
PTB 174-001	Phase I Various Various Projects (sub)	TBD by WO		
PTB 175-011; P-91-224-15	Phase I Various Various Projects (sub)	\$ 43,500	\$ 28,500	12/15/23
PTB 175-015; D-91-113-15	IL 53 & IL 68 (Sub)	\$ 70,000	\$ 9,000	03/31/17
PTB 174-003; P-91-130-15	IL 53, West Arsenal Rd to US 52 (Sub)	\$ 41,800	\$ 30,000	08/18/17

EXHIBIT H - SERVICES BY OTHERS

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

DBE/MBE/WBE SUBCONSULTANTS

<p>1 _____</p> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>	<p>6 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>
<p>2 _____</p> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>	<p>7 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>
<p>3 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>	<p>8 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>
<p>4 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>	<p>9 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>
<p>5 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>	<p>10 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>

** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ _____ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ _____ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ _____ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): _____

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): _____

EXHIBIT H - SERVICES BY OTHERS (continued)

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

1	Direct Labor _____ Direct Costs _____ Services by Others _____ Additional Services ** _____ Total this Subconsultant (ULC) \$ _____ -	6	Direct Labor _____ Direct Costs \$ _____ - Services by Others \$ _____ - Additional Services ** \$ _____ - Total this Subconsultant (ULC) \$ _____ -
2	Direct Labor _____ Direct Costs _____ Services by Others _____ Additional Services ** _____ Total this Subconsultant (ULC) \$ _____ -	7	Direct Labor \$ _____ - Direct Costs \$ _____ - Services by Others \$ _____ - Additional Services ** \$ _____ - Total this Subconsultant (ULC) \$ _____ -
3	Direct Labor \$ _____ - Direct Costs \$ _____ - Services by Others \$ _____ - Additional Services ** \$ _____ - Total this Subconsultant (ULC) \$ _____ -	8	Direct Labor \$ _____ - Direct Costs \$ _____ - Services by Others \$ _____ - Additional Services ** \$ _____ - Total this Subconsultant (ULC) \$ _____ -
4	Direct Labor \$ _____ - Direct Costs \$ _____ - Services by Others \$ _____ - Additional Services ** \$ _____ - Total this Subconsultant (ULC) \$ _____ -	9	Direct Labor \$ _____ - Direct Costs \$ _____ - Services by Others \$ _____ - Additional Services ** \$ _____ - Total this Subconsultant (ULC) \$ _____ -
5	Direct Labor \$ _____ - Direct Costs \$ _____ - Services by Others \$ _____ - Additional Services ** \$ _____ - Total this Subconsultant (ULC) \$ _____ -	10	Direct Labor \$ _____ - Direct Costs \$ _____ - Services by Others \$ _____ - Additional Services ** \$ _____ - Total this Subconsultant (ULC) \$ _____ -

** Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants:	\$ _____ -
TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants:	\$ _____ -
TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants:	\$ _____ -

Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: SE3, LLC

Contract Number: RR-13-4116

Proposal Date: 4/25/2017

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website

Contract Number: RR-13-4116

Consultant: SE3, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2017												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Barrier Warrants		48													48
Field Review															
Concept Meeting															
Preliminary Submittal			12												12
Pre-Final Submittal				206											206
Final Submittal						56									56
Coord. Meetings					8	4									12
Constr. Amend.															
ITS															
ITS Field Invest.															
Concept Submittal		24													24
ITS Plans			24	24	48	8									104
Meetings				12											
I-294 Coordination						12									24
TOTALS		72	36	242	56	80									486

Contract No.: RR-13-4116 Consultant: SE3, LLC

Date: 4/25/2017

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

CONTRACT TERM: 5 No. OF MONTHS
 SCHEDULED START DATE: 2/1/2017
 RAISE DATE: 12/31/2017
 PERCENT OF RAISE: 1%

ESCALATION PER YEAR Year 1 through 5

2/1/2017	-	6/30/2017	-	-	-
Date		Date		Date	Date
5.0		5.0		5.0	5.0
100.00%		Escalation Factor Second Period		Escalation Factor Fourth Period	Escalation Factor Fifth Period
Factor First Period		Escalation Factor Third Period		Escalation Factor Ninth Period	Escalation Factor Tenth Period

ESCALATION PER YEAR Year 6 through 10

-	-	-	-	-	-
Date		Date		Date	Date
5.0		5.0		5.0	5.0
Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period	Escalation Factor Ninth Period
Escalation Factor Tenth Period		Escalation Factor Tenth Period		Escalation Factor Tenth Period	Escalation Factor Tenth Period

The escalation factor for this project is: 100.00%

Contract No.: RR-13-4116

Consultant: SE3, LLC

Date: 4/26/2017

Escalation Factor: 100.00%
(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES

Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	DIRECT COST		
							Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	Total Overtime Premium:
No	Principal	\$50.00	\$70.00	\$65.00	\$65.00	2.00			
No	Project Manager	\$40.00	\$70.00	\$57.50	\$57.50	172.00			
No	Senior Engineer/Planner	\$40.00	\$70.00	\$47.50	\$47.50	28.00			
No	Resident Engineer	\$40.00	\$70.00						
No	Project Engineer/Planner	\$25.00	\$60.00	\$36.00	\$36.00	137.00			
No	Staff Engineer/Planner	\$20.00	\$40.00	\$28.00	\$28.00	147.00			
No	Engineer /Accountant	\$20.00	\$60.00						
No	Senior Technical Specialist	\$25.00	\$60.00						
No	Technical Specialist	\$15.00	\$50.00						
No	Architect	\$30.00	\$70.00						
No	Realty Specialists	\$20.00	\$70.00						
No	Intern	\$8.25	\$20.00						
No	Admin/Clerical	\$8.25	\$40.00						
<p>Total Estimated Work Hours: 486.00</p> <p>Average Hourly Rate: \$41.97</p> <p>Total Direct Labor \$20,397.42</p>							<p>Total Estimated O/T Hours:</p> <p>Average Premium O/T Hourly Rate:</p> <p>Total Overtime Premium:</p>		

Contract No.: RR-13-4116

Consultant:

SE3, LLC

Date: 4/25/2017

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	President	Vernal Stewart	\$50 - \$70
Project Manager	Senior Project Manager	Jason Martin	\$40 - \$70
	Project Manager	Raymond Kumapley	
	Senior Project Manager	Brian K. Scifers	
	Senior Project Manager	Matthew Gauntt	
Senior Engineer/Planner	Project Engineer	Steve M. Schuessler	\$40 - \$70
	Project Engineer	Debra Ortega	
	Project Engineer	Daniel G. White	
	Project Engineer	Sara Niemann	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Project Engineer	David Bennett	\$25 - \$60
Staff Engineer/Planner	Staff Engineer	Brian A. Verwijst	\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40

Contract No.: RR-13-4116 Consultant: SE3, LLC

EXHIBIT D

REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES

- A. **VEHICLE REIMBURSEMENT - rate based on link below**
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- B. **ALLOWABLE DIRECT COSTS - based on link below**
http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWEDIRECTCOSTS_10012013.PDF
- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

DIRECT COST CATEGORY

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) \$ 296.75

ALLOWABLE DIRECT COSTS

10.01.2013

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography and mapping	Actual Cost
Utility exploratory trenching	Actual Cost

ALLOWABLE DIRECT COSTS

- *website for State Reimbursement Rates
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- **Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: RR-13-4116

Consultant: SE3, LLC

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: Vernal Stewart

Project Manager: Matthew Gauntt

Project Engineer: Steve M. Schuessler

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: Brian K. Scifers

Classification: QA/QC

Name: _____

Classification: _____

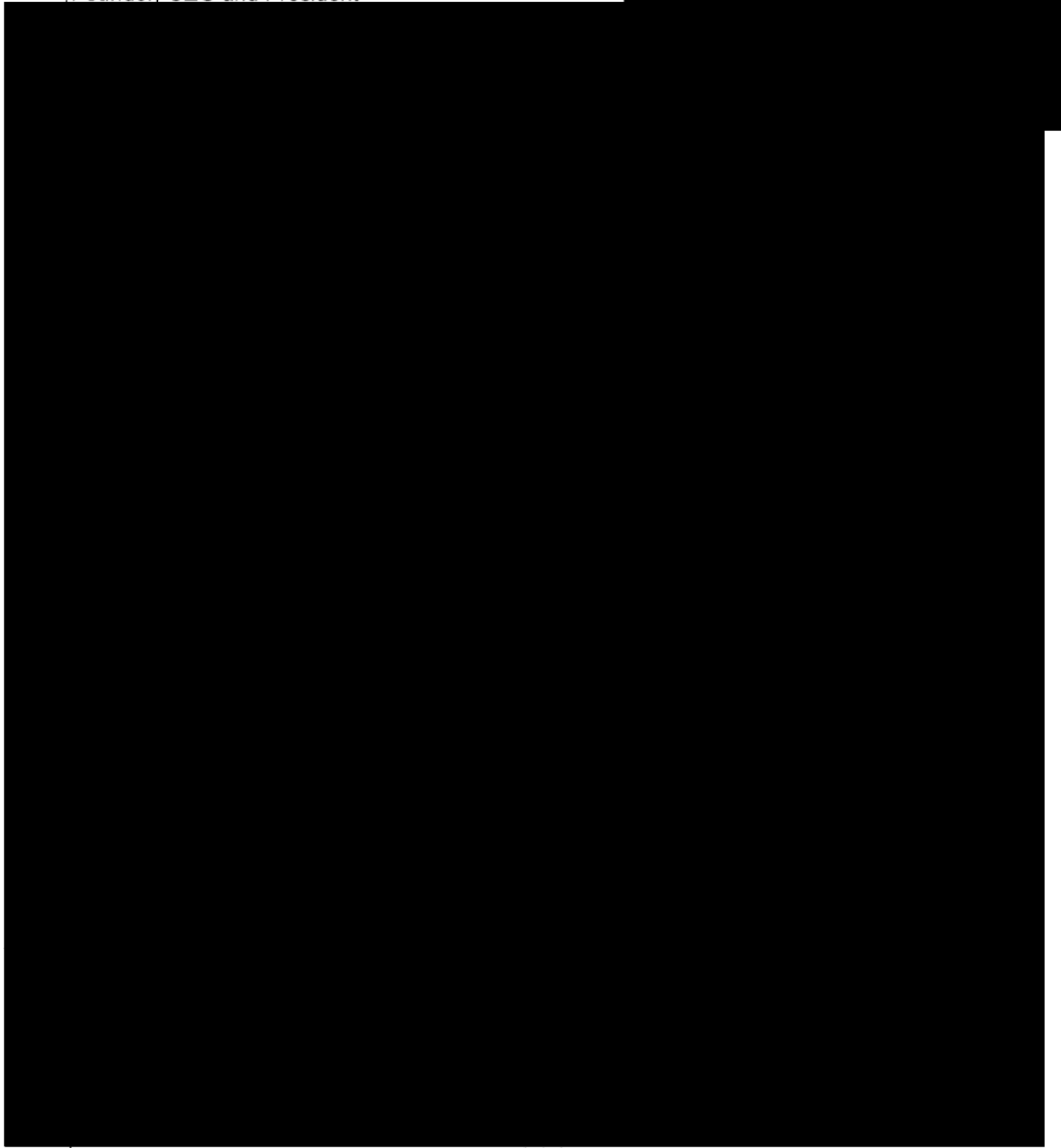
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Classification: _____

Name: _____

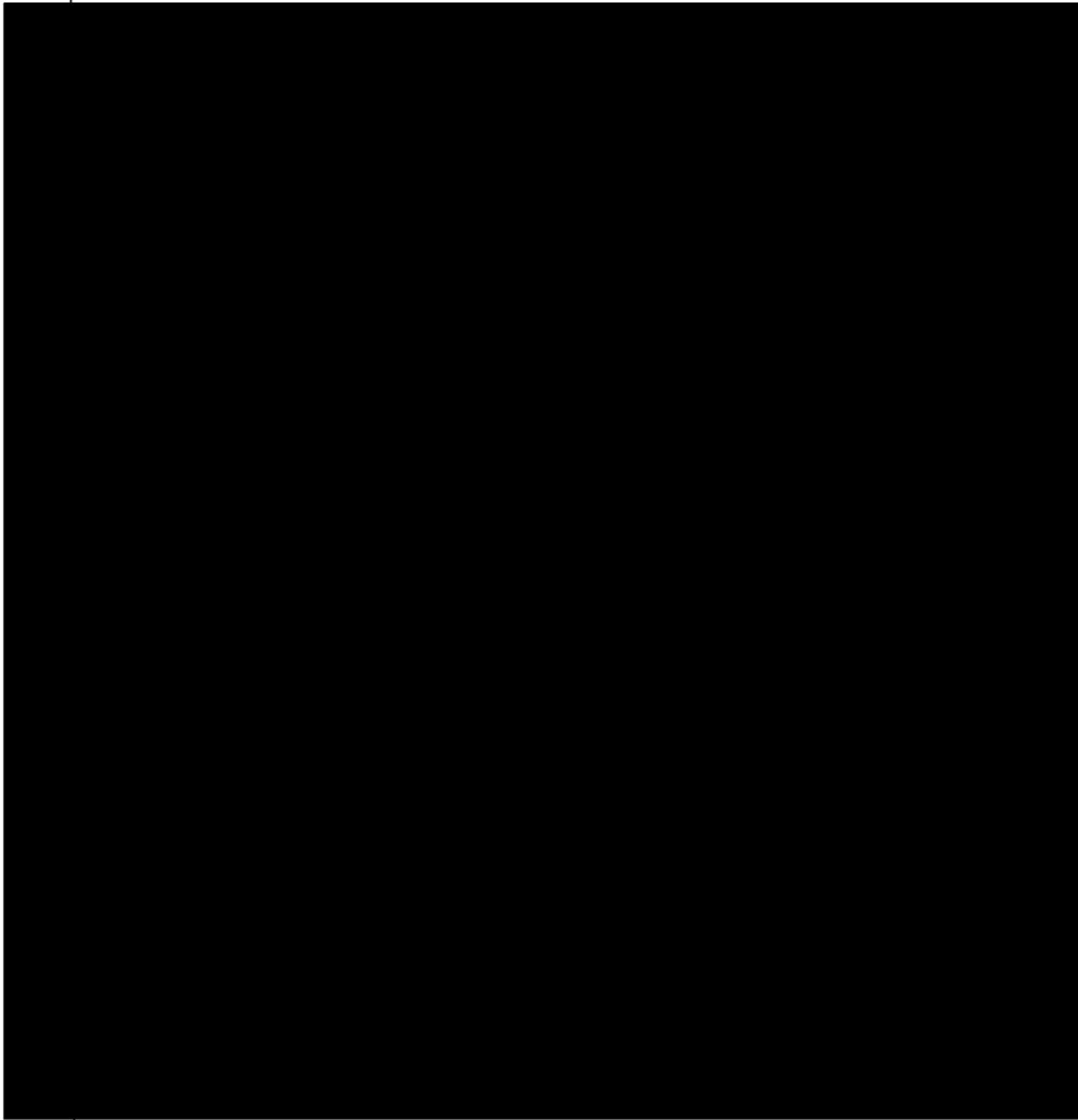
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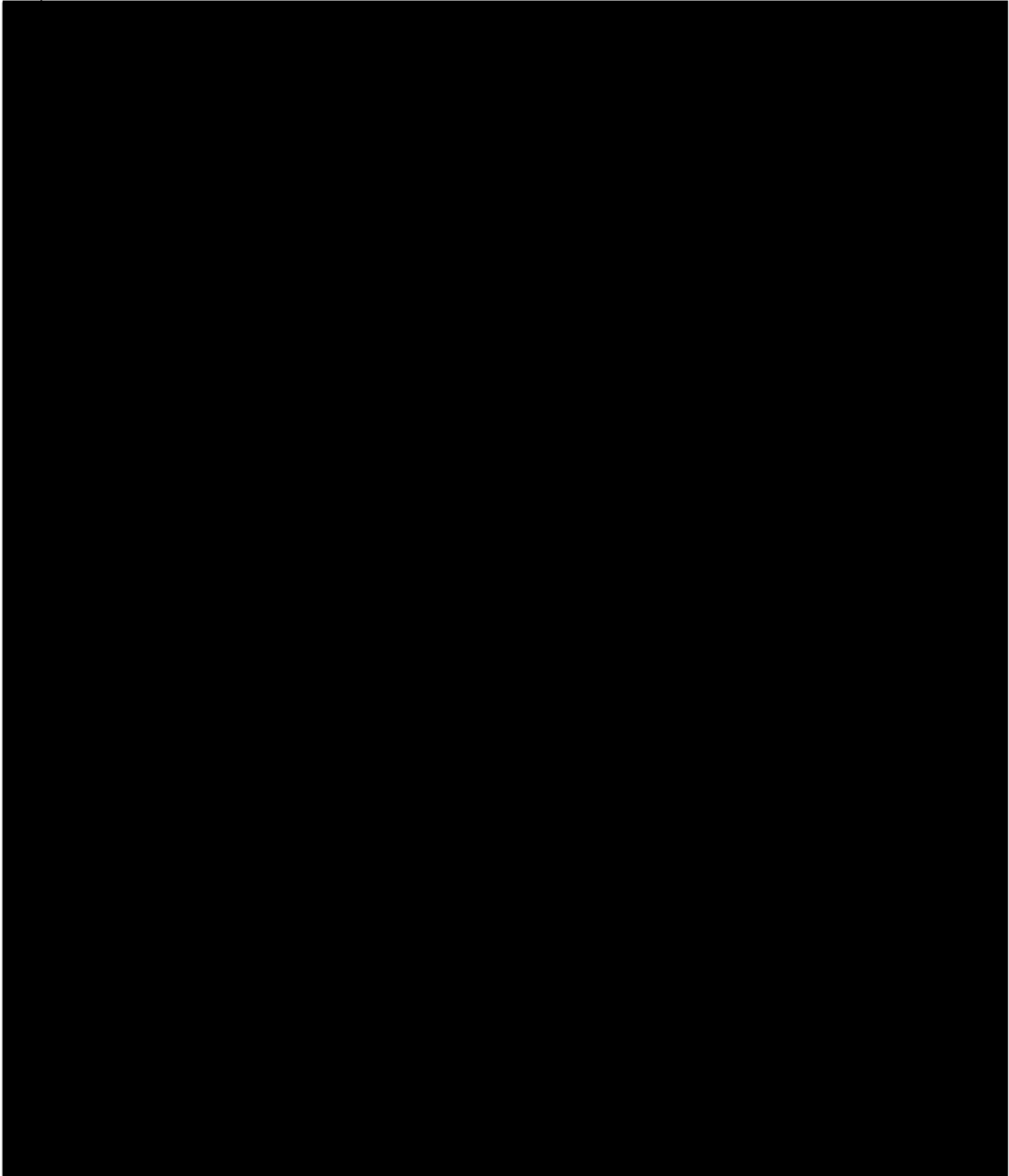
Vernal Stewart
Founder, CEO and President



Matthew Gauntt, P.E.

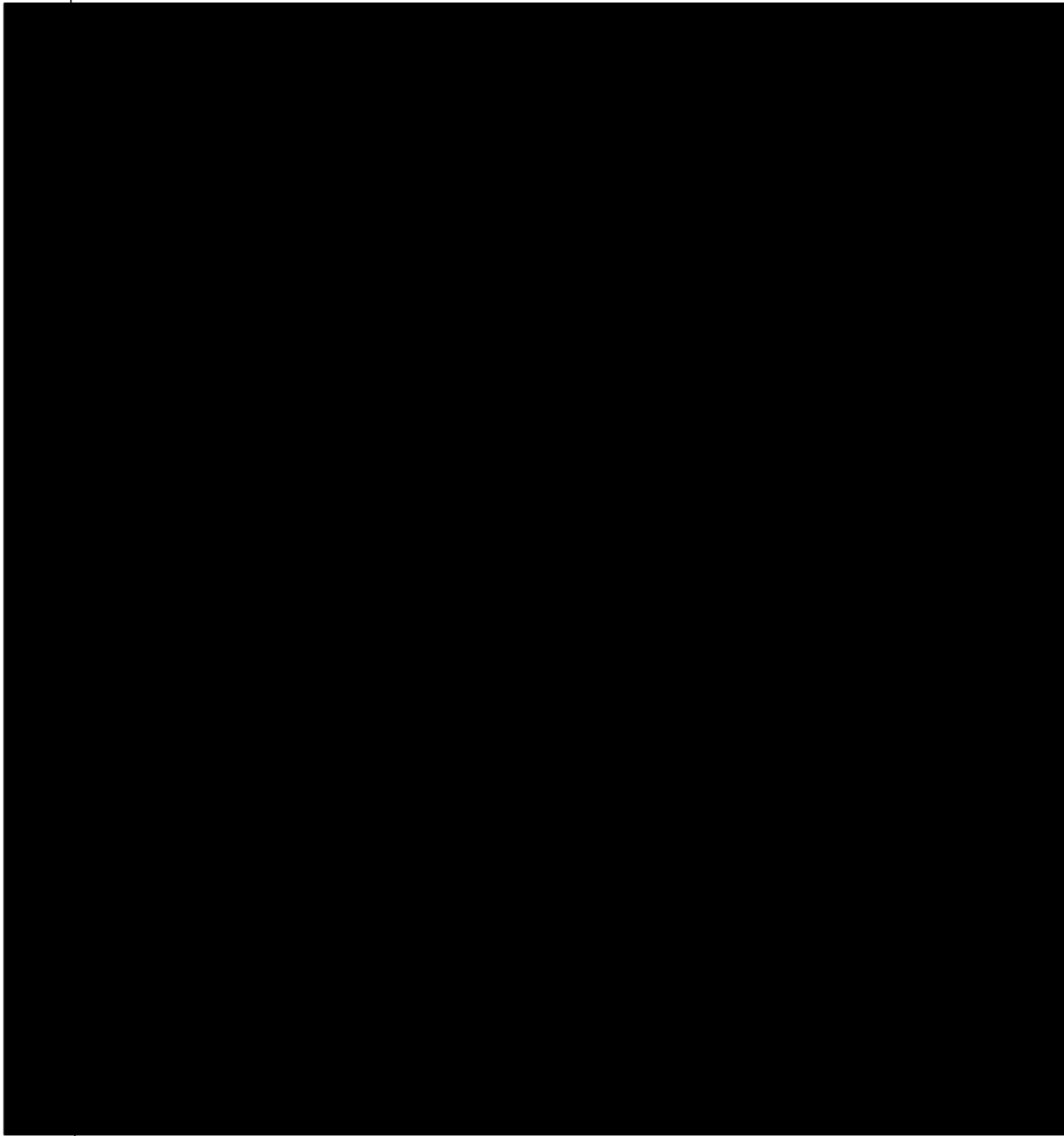
Senior Project Manager

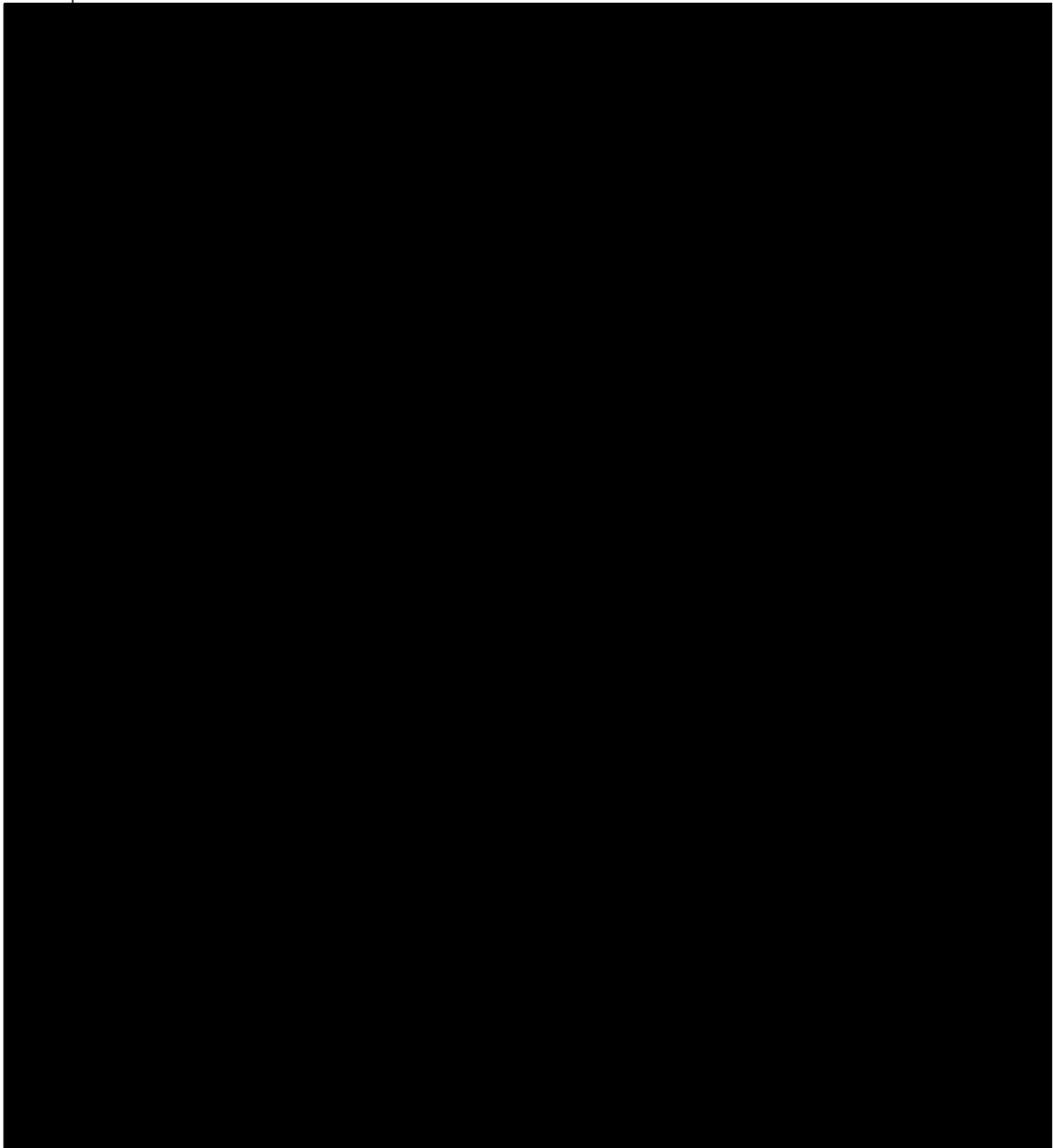




Brian K. Scifers, P.E., PTOE

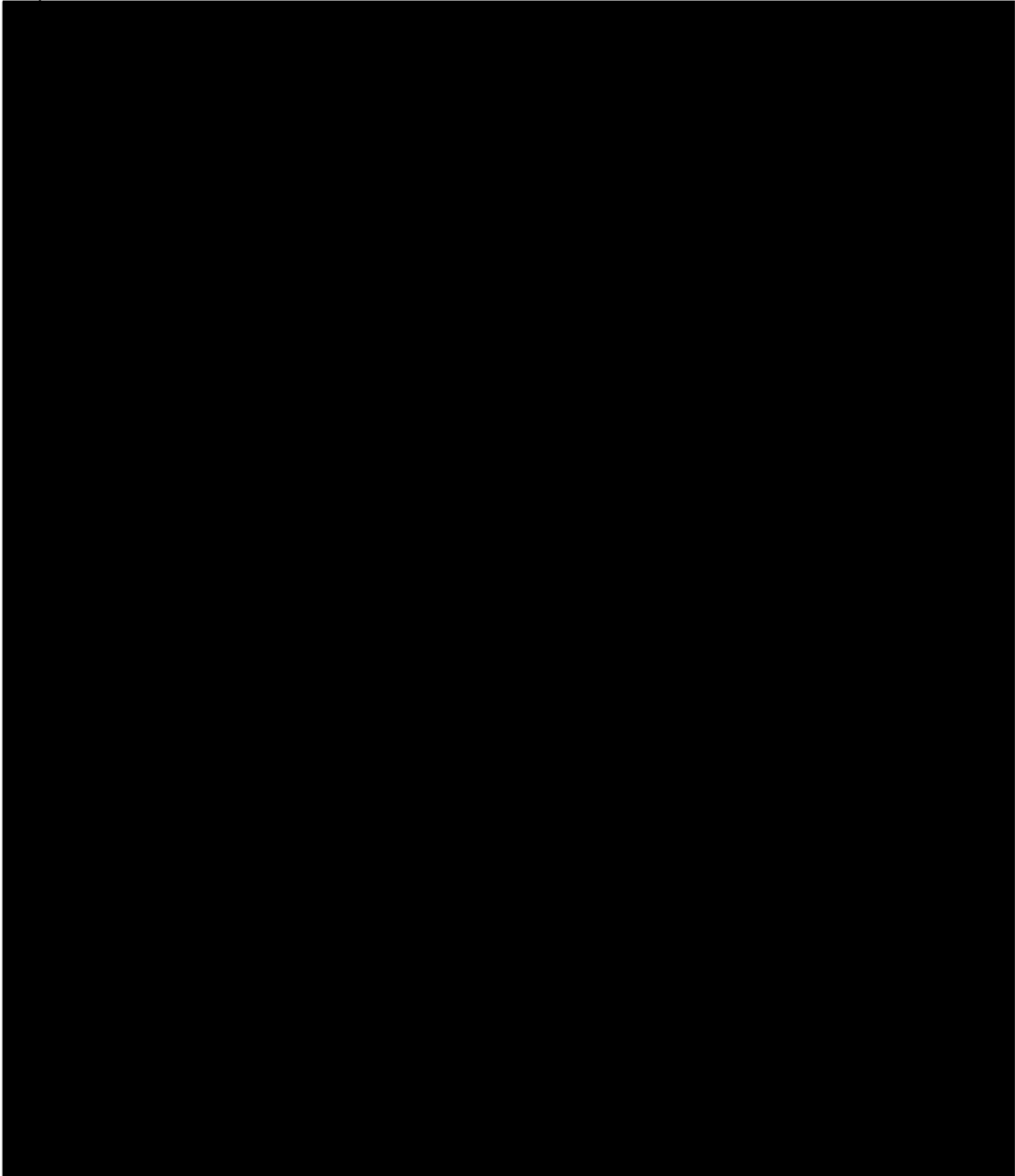
Senior Project Manager





Steve M. Schuessler, P.E.

Project Engineer



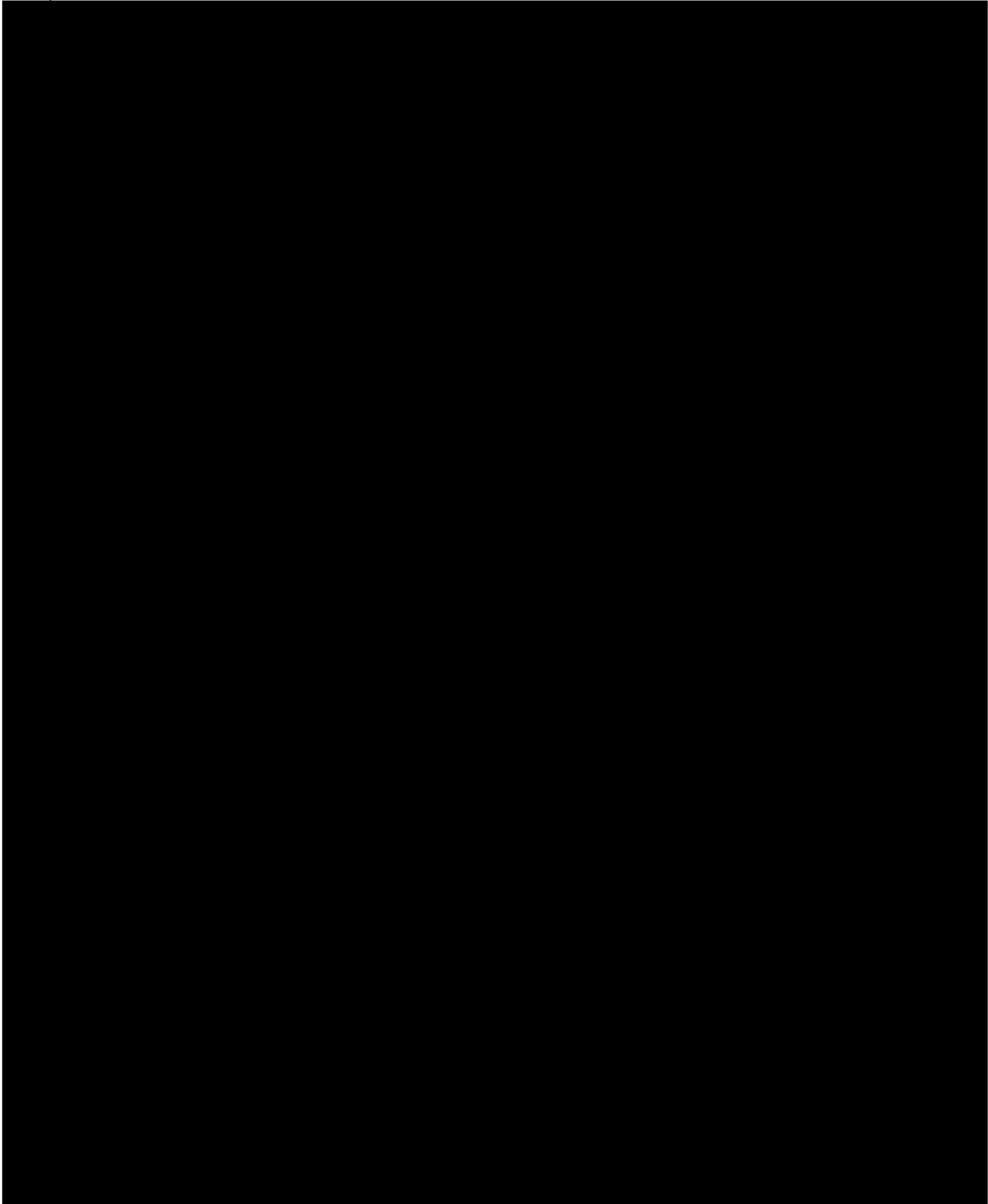


EXHIBIT F

Contract No. RR-13-4116

SE3, LLC

SCOPE OF SERVICES

Barrier Warrant Analysis

- 1) Develop barrier warrants for additional roadway reconstructions at York Road and Roosevelt.
- 2) Additional field work to confirm existing conditions.

ITS

- 1) There was additional unforeseen coordination with the contract for ITS improvements near I-294, as that ITS contract work began after RR-13-4116 concept submittals were made. Additional design revisions are required that would otherwise not be required without the I-294 ITS contract interaction.
- 2) Additional review of Preliminary ITS design assumptions..

EXHIBIT G

Contract No. RR-13-4116

SE3, LLC

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
RR-10-9973	Illinois Tollway, GEC Contract	\$3,582,918.90	\$920,985.36	12/31/2015
PTB 159/11	IDOT, US 45 from IL 132 to Washington ST.	TBD		TBD
P-91-495-12	IDOT, Phase I Various Geometrics Program Management	\$360,000.00	\$136,886.31	7/30/2017
D-91-008-14	IDOT, IL 47 from Charles Road to North of IL Route 120, Phase II	TBD		TBD
MO-12-1237	Illinois Tollway, Pavement Management Services	\$135,000.00	\$84,626.47	12/30/2016
I-13-4613	Illinois Tollway, Elgin-O'Hare CUR, CM	\$500,000.00	\$500,000.00	4/30/2017
D-91-104-14	IDOT, Phase II Various/ Various	\$240,000.00	\$130,000.00	12/31/2017
I-11-4018	Illinois Tollway, I-90 Recon from Higgins Rd to Randall Rd.	\$344,774.60	\$63,184.66	2/28/2016
I-12-4049	Illinois Tollway, I-90 West CCM	\$288,822.70	\$168,156.81	12/30/2015
PTB 164/3	IDOT, Various/Various Project Management	\$498,409.09	\$66,176.45	12/30/2015
PTB 170/08	IDOT, Various/ Various Phase 1	\$103,566.18	\$42,346.74	8/27/2019
RR-13-4153	Illinois Tollway, Const Upon Request	\$390,735.00	\$227,781.60	1/30/2016
I-11-4017	Illinois Tollway, I-90 Recon from IL 53 to Higgins Road	\$763,176.70	\$12,100.58	5/31/2016
I-13-4105	Illinois Tollway, I-90 Bridge, CM	\$313,550.00	\$134,123.25	8/30/2015
RR-13-5661	Illinois Tollway, I-88 Roadway Resurfacing	\$235,100.00	\$205,274.84	11/30/2015
PTB 164/10	IDOT, PTB 164/10	\$400,000.00	\$40,000.00	9/1/2016
PTB 173/12	IDOT, PTB 173/12 Various Traffic Signal Design	\$600,000.00	\$600,000.00	5/1/2017
PTB 164/4	IDOT, US 45 (Milburn Bypass)Phase II	\$181,000.00	\$124,670.15	2/28/2016
RR-13-4116	Illinois Tollway, I-88, Reconstruction, York to I-290	\$240,019.90	\$188,306.23	9/30/2016
RR-13-5660	Illinois Tollway, I-88, Resurfacing, US 30 to US 52	\$157,761.78	\$13,933.96	7/30/2015
D-91-269-12	IDOT, Torrence Ave. over Grand Calumet	\$69,874.60	\$21,390.98	7/15/2015
P-91-120-14	IDOT, Various Phase I	TBD		TBD

I-12-4080	Illinois Tollway, IL 53 North Extension Feasibility Study	\$207,847.19	\$14,233.11	8/30/2015
I-13-4108	Illinois Tollway, I-90 CUR, CM Master Agreement	\$261,049.68	\$2,023.58	7/15/2015

EXHIBIT H - SERVICES BY OTHERS

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

DBE/MBE/WBE SUBCONSULTANTS

1	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

6	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

2	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

7	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

3	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

8	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

4	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

9	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

5	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

10	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ _____ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ _____ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ _____ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): _____

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): _____

EXHIBIT H - SERVICES BY OTHERS (continued)

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

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