



BERG+OLIVER ASSOCIATES, INC.
Environmental Science & Land Use Consultants

14701 St. Mary's Lane
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Houston, TX 77079
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April 04, 2022

Invoice No: 202206280

For services through 3/25/2022

Bill To:

Fort Bend County Engineering Dept.
301 Jackson Street
Richmond, TX 77469

Questions about the invoice?

Please email
DHardy@bergoliver.com

Questions about the payment?

Please email
DHardy@bergoliver.com

Project No: BOA042-11479T Widening & Reconstruction of FM 521

Email: Kevin Mineo and Ben Hart
TxDOT CSJ#0111-03-064
Fort Bend County Project #17111

Professional environmental services for the Widening & Reconstruction of FM 521, located in Fort Bend County, Texas. The environmental services were authorized by Mr. Kevin A. Mineo, Mba, PE on behalf of Binkley & Barfield, Inc. The current charges for the environmental services are summarized below.

T&M Phase: TASK 01 - Project Management & ROE

Professional Services	Billed Hours	Billed Rate	Current Billed
Project Manager			
Graham, Mary-claire	.50	160.00	\$80.00
<i>Subtotal</i>	.50		\$80.00
Total For Phase: Task 01			\$80.00

T&M Phase: TASK 02 - Env'l Setting & Evaluation

Professional Services	Billed Hours	Billed Rate	Current Billed
Field Technician			
Mcbride, Ian	1.00	95.00	\$95.00
GIS Analyst			
Schultz, Karlie	4.50	85.00	\$382.50
Professional Geologist			
Thayer, Christopher	2.50	160.00	\$400.00
Professional Staff II			
Nunez, Kathryn	5.00	155.00	\$775.00
Project Manager			
Graham, Mary-claire	40.25	160.00	\$6,440.00
Proctor, William	54.50	160.00	\$8,720.00
Sr. Associate			
Brook, Amy	10.50	180.00	\$1,890.00
Sr. GIS Analyst			
Baker, Matt	11.00	125.00	\$1,375.00

Technical Editor			
Miller, Bridgette	1.00	105.00	\$105.00
Wetlands Biologist/Ecologist			
Dunn, Jeffrey	.25	120.00	\$30.00
Subtotal	130.50		\$20,212.50
Reimbursable Expenses			Current Billed
Outside Services			\$700.00
Subtotal			\$700.00
Total For Phase: Task 02			\$20,912.50

T&M Phase: TASK 05 - Community Impact Assessment

Reimbursable Expenses			Current Billed
Contract Labor			\$187.50
Subtotal			\$187.50
Total For Phase: Task 05			\$187.50

TOTAL AMOUNT DUE \$21,180.00

Approved By: 
Susan Alford

Mail checks payable to:
Berg-Oliver Associates, Inc.
14701 St. Mary's Lane
Suite 400
Houston, TX 77079



BILLING BACKUP

Monday, April 4, 2022 10:57:12 AM

T&M Phase: TASK 01 - Project Management & ROE

Professional Services	Job Title	Billed Hours	Billed Rate	Current Billed
03/02/22				
Mary-claire Graham	Project Manager	0.5000	\$160.0000	\$80.00
Project status meeting				
Total For Phase: Task 01				\$80.00

T&M Phase: TASK 02 - Env'l Setting & Evaluation

Professional Services	Job Title	Billed Hours	Billed Rate	Current Billed
02/28/22				
Karlie Schultz	GIS Analyst	3.5000	\$85.0000	\$297.50
finalizing maps				
Kathryn Nunez	Professional Staff II	2.0000	\$155.0000	\$310.00
Map coordination and ROW parcel info				
Mary-claire Graham	Project Manager	3.5000	\$160.0000	\$560.00
Edit bio attachments. Coordination with engineer. BMP and Species form edits				
Amy Brook	Sr. Associate	0.2500	\$180.0000	\$45.00
HOU Deliverables Table for Quarterly Meeting				
03/01/22				
Kathryn Nunez	Professional Staff II	2.0000	\$155.0000	\$310.00
Finalize PCR and attachments.				
03/02/22				
Christopher Thayer	Professional Geologist	1.0000	\$160.0000	\$160.00
Complete Draft report for internal review				
Mary-claire Graham	Project Manager	2.0000	\$160.0000	\$320.00
Review ISA. Review bio doc attachments				
Amy Brook	Sr. Associate	0.5000	\$180.0000	\$90.00
QA/QC Draft ISA Report				
03/03/22				
Christopher Thayer	Professional Geologist	1.0000	\$160.0000	\$160.00
Report revisions and discussion, complete Draft report				
Amy Brook	Sr. Associate	0.2500	\$180.0000	\$45.00
Coord'n re: ISA review				
03/07/22				
Mary-claire Graham	Project Manager	1.7500	\$160.0000	\$280.00
Coordination on ISA. Coordination with engineers. Biological document updates				
Amy Brook	Sr. Associate	0.7500	\$180.0000	\$135.00
QA/QC: Draft ABS report, PCR and Species Analysis Spreadsheet				

Professional Services	Job Title	Billed Hours	Billed Rate	Current Billed
03/08/22				
Mary-claire Graham	Project Manager	3.5000	\$160.0000	\$560.00
Coordination with TxDOT on design and bio. Coordination with subs on tech reports. Edits to tech reports				
Amy Brook	Sr. Associate	0.7500	\$180.0000	\$135.00
QA/QC draft ABS; Review contract for survey; Coord'n re: WPD I screenshot				
Bridgette Miller	Technical Editor	1.0000	\$105.0000	\$105.00
editing TxDOT Background Study document				
03/09/22				
Mary-claire Graham	Project Manager	3.0000	\$160.0000	\$480.00
Coordination on PCR and ABS. Updates to bio. Coordination with engineers				
Amy Brook	Sr. Associate	1.7500	\$180.0000	\$315.00
Call w/ K.Mineo re: PI, TR status, CE components; Call w/ M-C. Graham to review all TR status; Coord'n w/ W.Proctor re: TNTR; Request 60% design files (PDF & MS); Follow-up email to BBI; QA/QC Biological Studies documentation				
03/10/22				
Christopher Thayer	Professional Geologist	0.5000	\$160.0000	\$80.00
Review and sign final Draft report, discuss with Tonya				
Amy Brook	Sr. Associate	0.7500	\$180.0000	\$135.00
Final edit, PDF & coord'n of ABS report submittal; Coord'n re: ISA report; Coord'n re: Census data order				
Matt Baker	Sr. GIS Analyst	4.0000	\$125.0000	\$500.00
GIS				
03/11/22				
Mary-claire Graham	Project Manager	2.5000	\$160.0000	\$400.00
Update bio documents. Meeting with engineers				
William Proctor	Project Manager	1.0000	\$160.0000	\$160.00
Initial Document Review: Air Quality Conformity Determination, Traffic Noise Analysis				
Amy Brook	Sr. Associate	0.2500	\$180.0000	\$45.00
Discuss TR status and plan w/ K.Mineo; Coord'n re: TNTR prep, Census Data order and CIA prep, etc.				
03/14/22				
Mary-claire Graham	Project Manager	3.0000	\$160.0000	\$480.00
Edits to bio documents. Coordination with subs and engineers				
William Proctor	Project Manager	2.0000	\$160.0000	\$320.00
Roadway Data Collection for TNM Models;				
;				
Document Drafting, Air Quality Technical Report				
03/15/22				
Mary-claire Graham	Project Manager	1.0000	\$160.0000	\$160.00
Coordination with subs and engineers				
William Proctor	Project Manager	4.0000	\$160.0000	\$640.00

Professional Services	Job Title	Billed Hours	Billed Rate	Current Billed
Roadway and Receiver Data Collection for TNM Models; ; Traffic Noise Model Data Entry: Roadways and Sidewalks; ; Miscellaneous Coordination RE: Upcoming Site Visit and Traffic Noise Technical Report				
03/16/22				
Mary-claire Graham	Project Manager	3.0000	\$160.0000	\$480.00
Edits to bio documents. Coordination with subs and engineers. Submit documents to engineers				
William Proctor	Project Manager	5.5000	\$160.0000	\$880.00
Roadway Data Collection for TNM Models; ; Miscellaneous Coordination RE: Preparations for Afternoon Site Visit and Noise Measurements; On Site Noise and Traffic Measurements, Receiver Confirmations				
03/17/22				
Karlie Schultz	GIS Analyst	1.0000	\$85.0000	\$85.00
map updates				
Mary-claire Graham	Project Manager	2.5000	\$160.0000	\$400.00
Edits to bio documents. Coordination with subs and engineers. Submit documents to TxDOT				
William Proctor	Project Manager	5.0000	\$160.0000	\$800.00
Roadway Data Collection for TNM Models; ; Traffic Noise Model Data Entry: Existing and Proposed Noise Models				
03/18/22				
William Proctor	Project Manager	6.0000	\$160.0000	\$960.00
Roadway Data Collection for TNM Models; ; Traffic Noise Model Data Entry: Existing and Proposed Noise Models; ; Traffic Video Processing; ; Traffic Noise Model Data Entry: Validation Models; ; Document Drafting: Traffic Noise Technical Report				
03/21/22				
Mary-claire Graham	Project Manager	3.0000	\$160.0000	\$480.00
Biological document edits. Coordination with Amy				
William Proctor	Project Manager	7.5000	\$160.0000	\$1,200.00
Data Collection for TNM Models, Roadway and Receiver Points; ; TNM Data Entry, Model Calculations, and Results Reviews, Existing and Proposed TNM Models; ; Document Drafting, Traffic Noise Technical Report Text; ; Miscellaneous Coordination RE: Traffic Noise Technical Report Noise Exhibit				
Amy Brook	Sr. Associate	1.5000	\$180.0000	\$270.00
Final QA/QC of Biological Studies (Brazoria Co added); Draft CIA; Coord'n re: Study Area; Review guidance				
Matt Baker	Sr. GIS Analyst	4.0000	\$125.0000	\$500.00
GIS				

Professional Services	Job Title	Billed Hours	Billed Rate	Current Billed
03/22/22				
Mary-claire Graham	Project Manager	4.5000	\$160.0000	\$720.00
Bio edits. Coordination with Amy and engineers.				
William Proctor	Project Manager	6.0000	\$160.0000	\$960.00
Data Collection for TNM Models, Roadway and Receiver Points;				
; TNM Data Entry, Model Calculations, ;and Results Reviews, Validation TNM Models;				
; Document Drafting, Traffic Noise Technical Report Text;				
; Miscellaneous Coordination RE: Traffic Noise Technical Report Noise Exhibit				
Amy Brook	Sr. Associate	0.2500	\$180.0000	\$45.00
QA/QC photos exhibit; Coord'n re: TNTR status				
Matt Baker	Sr. GIS Analyst	3.0000	\$125.0000	\$375.00
GIS				
03/23/22				
Mary-claire Graham	Project Manager	3.0000	\$160.0000	\$480.00
Bio edits. Coordination with amy and engineers. Submit to TxDOT				
William Proctor	Project Manager	5.5000	\$160.0000	\$880.00
TNM Data Entry, Model Calculations, ;and Results Reviews, Existing Proposed and Validation TNM Models;				
; Document Drafting, Traffic Noise Technical Report Text;				
Amy Brook	Sr. Associate	0.7500	\$180.0000	\$135.00
QA/QC draft TNTR and Transportation Conformity Form				
03/24/22				
Mary-claire Graham	Project Manager	2.5000	\$160.0000	\$400.00
WD report edits				
William Proctor	Project Manager	8.0000	\$160.0000	\$1,280.00
TNM Data Entry, Model Calculations, ;and Results Reviews, Existing Proposed and Validation TNM Models;				
; Document Drafting, Traffic Noise Technical Report Text				
; Miscellaneous Coordination RE: Air Quality Technical Report;				
; Document Drafting, AQTR				
Amy Brook	Sr. Associate	1.7500	\$180.0000	\$315.00
Coord'n re: bio submittal; QA/QC SWA Form; QA/QC Draft TNTR				
03/25/22				
Ian McBride	Field Technician	1.0000	\$95.0000	\$95.00
NWI map + APT				
Kathryn Nunez	Professional Staff II	1.0000	\$155.0000	\$155.00
PCR and Research Design coordination				
Mary-claire Graham	Project Manager	1.5000	\$160.0000	\$240.00
WD edits. Review bio edits				
William Proctor	Project Manager	4.0000	\$160.0000	\$640.00

Professional Services		Job Title	Billed Hours	Billed Rate	Current Billed
TNM Data Entry, Model Calculations, ;and Results Reviews, Existing and Proposed TNM Models; ; Document Drafting, Air Quality Technical Report; ; Document Drafting, Traffic Noise Technical Report ; Miscellaneous Coordination RE: TNTR and AQTR					
Amy Brook		Sr. Associate	1.0000	\$180.0000	\$180.00
CIA Report; Coord'n re: PCR approval & Research Design to proceed; Coord'n re: various tech reports; EPICs list update & submit; Call w/ W. Proctor re: TNTR; Update client					
Jeffrey Dunn		Wetlands Biologist/Ecologist	0.2500	\$120.0000	\$30.00
gps attributes table					
Reimbursable Expenses	Invoice Number	Expense Name	Quantity	Unit Rate	Current Billed
03/14/22					
Amegy Bank	BOA_031422	Outside Services			\$700.00
Susan Alford-03/13/22-Cubit-Demographics-Data Purchase					
Total For Phase: Task 02					\$20,912.50

T&M Phase: TASK 05 - Community Impact Assessment

Reimbursable Expenses	Invoice Number	Expense Name	Quantity	Unit Rate	Current Billed
03/28/22					
Maria Esther Rodriguez	226	Contract Labor	1.5000	\$125.0000	\$187.50
Services Period 2/26/22 - 3/25/22					
Total For Phase: Task 05					\$187.50

PROGRESS REPORT NO. 16
Period Covered: February 26 – March 25, 2022

REMARKS: TR = Technical Report

Task 1: Project Management & ROE

Activities this period:

- Biweekly Status Meetings (3/02).

Activities anticipated next period:

- General PM; Attend biweekly status meetings; Invoicing/Progress Reports.

Task 2: Environmental Setting & Evaluation

Biological Studies

Activities this period:

- Edit Biological Studies attachments. Coordination with engineer. BMP and Species form edits.
- QA/QC Bio documentation, incl. photos; Coord'n with TxDOT on design and Bio.
- Revisions and Final QA/QC; Submitted to TxDOT 3/23/22.

Activities anticipated next period:

- Address Biological comments as requested by HOU (if any); QA/QC and resubmit.

Waters of the U.S. (WOTUS) Assessment / Surface Water Analysis

Activities this period:

- WD report edits.
- Prepare GPS Attributes table, NWI map + APT.

Activities anticipated next period:

- Finalize drafting Water Resources reports/forms; QA/QC and submit.

Hazardous Materials ISA

Activities this period:

- Complete Draft report for internal review; QA/QC Draft ISA Report.
- Report revisions and discussion, complete Draft report.
- Submitted to TxDOT 3/17/22.

Activities anticipated next period:

- Address ISA comments as requested by HOU (if any); QA/QC and resubmit.

Traffic Noise

Activities this period:

- Roadway and Receiver Data Collection for TNM Models; Data entry.
- Select receiver locations.
- Prep for and conduct site visit and noise measurements; Receiver confirmations.
- Traffic Video Processing; Run validation models and traffic models.
- Draft Traffic Noise Tech Report (TNTR); Create Traffic Noise Impacts Map.

- QA/QC Draft TNTR.
- Begin revisions.

Activities anticipated next period:

- 2nd QA/QC of Draft TNTR; Revisions; Finish & submit draft TNTR (anticipate 3/28).

Air Quality Analysis

Activities this period:

- Begin filling out Conformity Form (the only AQ item required per HOU).

Activities anticipated next period:

- Finish & submit draft Conformity Form (anticipate 3/28).

Archeological Background Study (ABS)

Activities this period:

- Finalize and submit ABS; submitted 3/17/22.

Activities anticipated next period:

- Address ISA comments as requested by HOU (if any); QA/QC and resubmit.
- Begin to prep for Arch Survey if concurred by TxDOT/THC (Task 8).

Historic Resources PCR

Activities this period:

- Map and parcel coordination for PCR; finalize maps.
- Finalizes/submitted PCR and attachments (3/17/2022).

Activities anticipated next period:

- [SEE TASK 9.](#)

Task 3: USACE & NWP

Activities this period:

- No activities during this service period.

Activities anticipated next period:

- No activities anticipated next service period.

Task 5: Community Impact Assessment

Activities this period:

- Draft CIA TR; Determine Study Area; Begin preparing CIA Study Area map.

Activities anticipated next period:

- Continue & finalize draft CIA TR. * [Full 2020 Census data anticipated by April 1st.](#)

Task 9: Historic Resources – Research Design – JUST ACTIVATED

Activities this period:

- Obtain canal information from TxDOT's Historic Subject Matter Expert.

Activities anticipated next period:

- Obtain canal information from TxDOT's Historic Subject Matter Expert.
- Draft Historic Resources Research Design per HOU guidance; QA/QC and submit to HOU.

Project Name: FM 521 (SH 6 to CR 56)
Project Location: Fort Bend County
CSJ: 0111-03-064

BOA #: 11479

Task 10: Historic Resources – Intensive Level Survey – Not quite activated

Task 11: Public Meeting (VPM)

Activities this period:

- No activities during this service period (TxDOT approved file on 11/19)

Activities anticipated next period:

- No activities anticipated next service period (**TASK COMPLETE**).

Potential Additional Tasks – No activities on these tasks yet:

Task 4: Notice & Opportunity to Comment (NOC) - *Not necessary – TxDOT is now discussing a 2nd public meeting which **NOT** in our scope/budget.*

Task 6: Traffic Noise Workshops

Task 7: Indirect & Cumulative Impacts (ICI) Analysis - *ICI analysis NOT required for CEs. Need to utilize this budget to cover overages in the Public Meeting budget (VPMs cost more than typical in-person public meetings; then TxDOT added the In-Person Option).*

Task 8: Archeological Resources – Intensive Survey

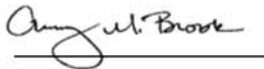
Outstanding issues:

- BOA assessed cost of additional (2nd) Public Meeting (Virtual + In-Person Hybrid) and determined how much of existing budget can be transferred to that vs. how much additional budget to request. Submitted supplemental request January 11, 2022. Resubmitted February 28, 2022.

Resolved issues:

- * Received enough ROE to proceed after 2 mail-out rounds.

Prepared By: _____



Date: 03/28/22