

**GENERAL MEETING OF THE BOARD OF DIRECTORS
OF THE NORTH EAST TEXAS
REGIONAL MOBILITY AUTHORITY**

RESOLUTION NO. 17-56

WHEREAS, the North East Texas Regional Mobility Authority (“NET RMA”) was created pursuant to the request of Gregg and Smith Counties and in accordance with provisions of the Transportation Code and the petition and approval process established in 43 Tex. Admin. Code § 26.1, *et seq.* (the “RMA Rules”); and

WHEREAS, the Board of Directors of the NET RMA has been constituted in accordance with the Transportation Code and the RMA Rules; and

WHEREAS, subsequent to the initial formation of the NET RMA the Counties of Cherokee, Rusk, Harrison, Upshur, Bowie, Panola, Titus, Van Zandt, Wood, and Kaufman joined the Authority and are represented on the Board of Directors; and

WHEREAS, on March 26, 2013, in Resolution 13-13, the NET RMA Board of Directors approved the selection of RS&H to serve as one of the general engineering consultants (“GEC”) to the NET RMA and authorized the Chairman to execute an agreement with RS&H for the provision of general consulting civil engineering services; and

WHEREAS, the NET RMA is currently pursuing the development of Segments 6 and 7 of Toll 49; and

WHEREAS, RS&H has developed a proposed scope of services and budget for engineering oversight and schematic design services for Segments 6 and 7 of Toll 49, for an amount not to exceed \$117,059.01; and

WHEREAS, a summary of the proposed scope of services and budget to be incorporated in Work Authorization No. 19.0 is attached hereto as Attachment “A”; and

WHEREAS, the Board of Directors must approve the execution of Work Authorization No. 19.0 before RS&H may proceed to work thereunder; and

WHEREAS, RS&H has represented to the Board of Directors that the work reflected in Attachment “A” and to be detailed more specifically in Work Authorization No. 19.0 is necessary and appropriate.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of the NET RMA hereby approves the execution of Work Authorization No. 19.0 with RS&H for engineering oversight and schematic design services for Segments 6 and 7 of Toll 49 consistent with the summary attached hereto as Attachment “A”, for an amount not to exceed \$117,059.01; and

BE IT FURTHER RESOLVED, that the Board of Directors of the NET RMA authorizes the Executive Director to approve and execute a detailed scope of services and budget for Work Authorization No. 19.0 consistent with the summary attached hereto as Attachment "A"; and

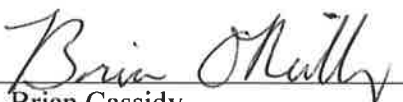
BE IT FURTHER RESOLVED, that the commencement of work by RS&H under Work Authorization No. 19.0 is contingent on the receipt or commitment of adequate funding to pay for the work; and


BE IT FURTHER RESOLVED, that all work performed under Work Authorization No. 19.0 shall be subject to the Agreement for General Consulting Civil Engineering Services between the NET RMA and RS&H and that no additional work may be undertaken without the specific approval of the Board of Directors.

Adopted by the Board of Directors of the North East Texas Regional Mobility Authority on the 13th day of September, 2017.

Submitted and reviewed by:

Approved:


C. Brian Cassidy
General Counsel for the North East
Texas Regional Mobility Authority


Linda Ryan Thomas
Chair, Board of Directors
Date Passed 09/13/17
Resolution No. 17-56

APPENDIX D

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 19

This Work Authorization is made as of this 13th day of September, 2017 under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of June 1, 2013 (the "Agreement"), between the North East Texas Regional Mobility Authority ("Authority") and RS&H, Inc. ("GEC"). This Work Authorization is made for the following purpose, consistent with the services defined in the Agreement:

Engineering oversight for the corridor feasibility study for Toll 49 Segments 6 and 7, and a schematic design and Environmental Impact Statement (EIS) for Segment 6.

Section A. - Scope of Services

A.1. GEC shall perform the following Services:

As described in Attachment A

A.2. The following Services are not included in this Work Authorization, but shall be provided as Additional Services if authorized or confirmed in writing by the Authority:

None.

A.3. In conjunction with the performance of the foregoing Services, GEC shall provide the following submittals/deliverables (Documents) to the Authority:

Review comments on the engineering portion of the EIS and schematic design.

Section B. - Schedule

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule:

Engineering oversight for the corridor feasibility study for Toll 49 Segments 6 and 7, and schematic design and Environmental Impact Statement (EIS) for Segment 6 by CP&Y.

Section C. - Compensation

C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the GEC the amount not to exceed \$117,059.01 based on the actual rates times the contract multiplier for the staff utilized to perform the required tasks. Compensation shall be in accordance with the Agreement.

C.2. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of a future Work Authorization.

Section D. - Authority's Responsibilities

The Authority shall perform and/or provide the following in a timely manner so as not to delay the Services of the GEC. Unless otherwise provided in this Work Authorization, the Authority shall bear all costs incident to compliance with the following:


To be determined once specific assignments are made under A.3.

Section E. - Other Provisions

The parties agree to the following provisions with respect to this specific Work Authorization:

N/A

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: North East Texas Regional
Mobility Authority
By: Chris Miller
Signature: 
Title: Executive Director
Date: 9.13.17

GEC: RS&H, INC.
By: _____
Signature: _____
Title: Vice President
Date: 9.13.17

WORK AUTHORIZATION #19
NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY
ATTACHMENT A- SCOPE OF WORK
ENGINEERING OVERSIGHT FOR SEGMENT 6 ENVIRONMENTAL IMPACT
STATEMENT (EIS) AND SCHEMATIC DESIGN

A. Background. Toll 49 Segments 6 and 7 currently do not exist and would serve as a portion of the overall Toll 49 Corridor that originates west of Tyler, circumnavigating Tyler, to SH 110. The Project is intended to improve mobility and connectivity, relieve congestion and improve safety in the communities of Tyler, Longview, and Marshall, Texas. The North East Texas Regional Mobility Authority (NET RMA) has prepared a preliminary feasibility study for Toll 49 Segments 6 and 7, connecting Segment 5 at SH 110 and extending north and east to IH 20 and/or US 271 as depicted in Figure 1 - Project Location Map.

CP&Y is under contract with the NETRMA to prepare a corridor feasibility study for Toll 49 Segments 6 and 7, and a schematic design and Environmental Impact Statement (EIS) for Segment 6. The Toll 49 Segments 6 and 7 Corridor Feasibility Study would consist of the development and evaluation of route options for the advancement of recommended corridors to IH 20 and/or to US 271 to be studied further in the EIS. Segment 6 would be a controlled access two lane, two-way facility, with the capability to expand to a future four-lane divided facility when warranted.

B. Scope-of-Work. The primary responsibility of RS&H will be to provide engineering oversight for the corridor feasibility study for Toll 49 Segments 6 and 7, and a schematic design and Environmental Impact Statement (EIS) for Segment 6.

1. Project Management

- a) Coordination Meetings – The Engineer will attend the kickoff meeting and coordination meetings between the CP&Y and NET RMA held monthly (estimate of 36 months) throughout project development.

2. Feasibility Studies

- a) Preliminary Route Location Studies – The engineer will review and provide comment on the draft and final Preliminary Route Options Memorandum.
- b) Preliminary Design Values – The engineer will review and provide comment on the draft and final Design Summary Report.
- c) Preliminary Cost Estimate – The engineer will review and provide comment on the draft and final Preliminary Cost Estimate Memorandum.

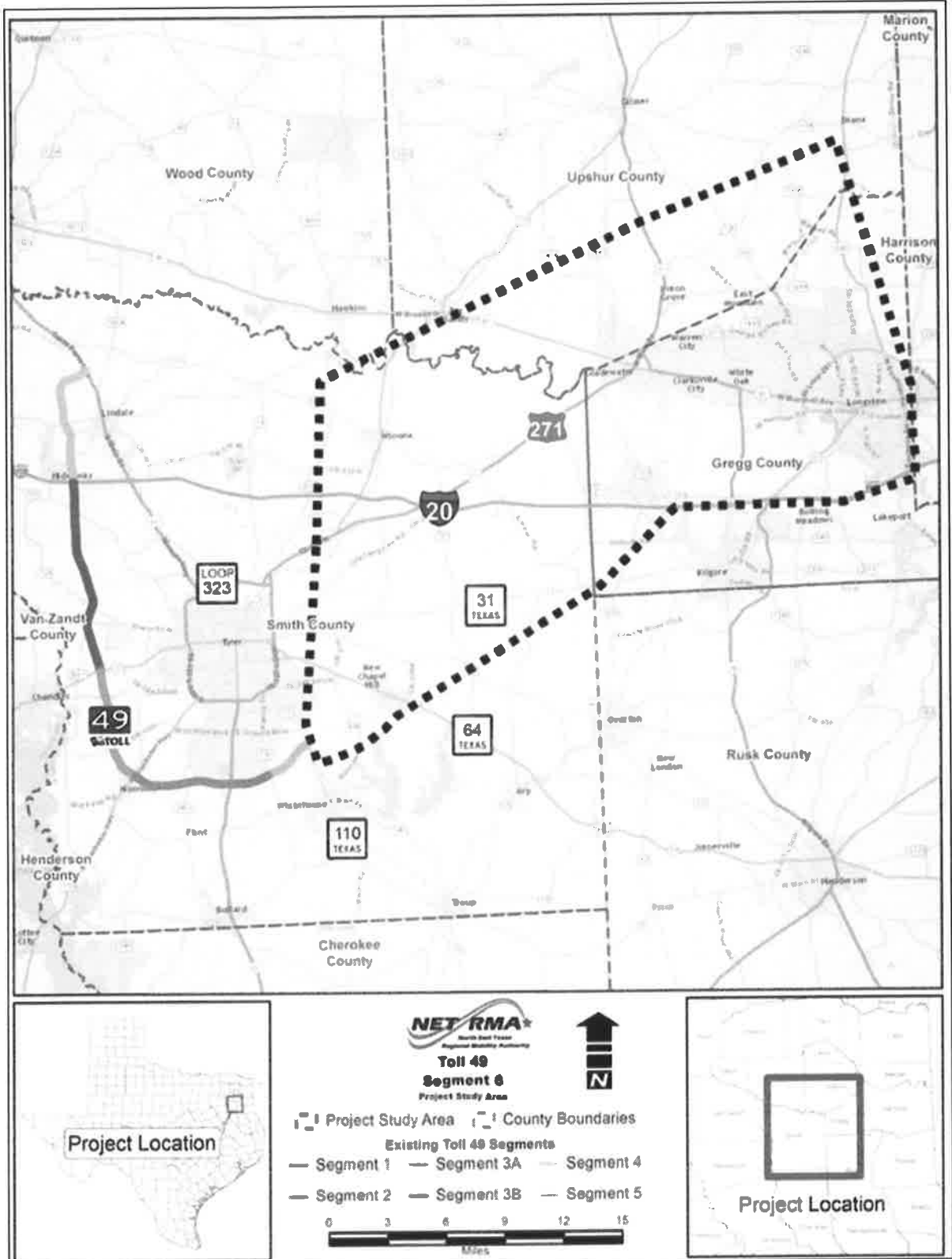


Figure 1 – Project Location Map

d) Feasibility Study Report – The engineer will review and provide comment on the draft and final Toll 49 Segment 6 and 7 Corridor Feasibility Study Report.

3. Route and Design Studies

a) Roadway Design – The Engineer will review and provide comment on the draft and final Engineering Summary Report. The Engineer will review and provide comment on the 30%, 60%, 90% schematic design

b) Drainage Design – The Engineer will review and provide comment on the draft and final Drainage Report.

Task Deliverables:

- Review comments in matrix form on the draft and final Preliminary Route Options Memorandum
- Review comments in matrix form on the draft and final Design Summary Report
- Review comments in matrix form on the draft and final Preliminary Cost Estimate Memorandum
- Review comments in matrix form on the draft and final Toll 49 Segment 6 and 7 Corridor Feasibility Study Report.
- Review comments in matrix form on Engineering Summary Report
- Review comments in matrix form on the 30%, 60%, 90% schematic design
- Review comments in matrix form on the draft and final Drainage Report

**ATTACHMENT B
LABOR AND COST ESTIMATE**

RS&H - MANHOURS BREAKDOWN
July 21, 2017

WORK AUTHORIZATION NO. 19

Task No.	Task Description	Principal /	Engineer V -		Engineer IV -	Engineer I -	Environmental	Total Hours
		Project Officer	Principal Engineer	Project Manager	Sr. Engineer	Engineer in Training	Specialist III	
1	Project Management	6	0	112	0	0	0	118
	<i>Kickoff and Coordination Meetings (37 meetings)</i>	6		112				
2	Feasibility Studies	6	12		88	0	0	106
	<i>Preliminary Route Location Studies</i>	2	4		32			
	<i>Preliminary Design Values</i>	2	4		32			
	<i>Preliminary Cost Estimate</i>	2	4		24			
	<i>Feasibility Study Report</i>	2	8		48			
3	Permitting and Environmental Research	8	56	0	120	0	0	184
	<i>Roadway Design</i>	6	40		80			126
	<i>Drainage Design</i>	2	16		40			58
	Total Estimated Hours:	22	76	112	256	0	0	466
	Total Estimated Labor Fee:	\$7,804	\$20,098	\$22,394	\$61,093	\$0	\$0	\$ 111,389.01
	% of Total:	7.0%	18.0%	20.1%	54.8%	0.0%	0.0%	100.0%
								\$ 111,389.01

Direct Expenses

	No.	Unit Costs	Totals
Roll Paper Printing (B&W)	0	\$ 10.00	\$ -
Roll Paper Printing (Color)	0	\$ 15.00	\$ -
Airline Costs	0	\$ 800.00	\$ -
Auto Mileage (10 day trips @ 460 miles/trip)	4600	\$ 0.55	\$ 2,530.00
Meals (10 day trips)	10	\$ 18.00	\$ 180.00
Rental Car (10 overnight trips at 2 rental car days)	20	\$ 50.00	\$ 1,000.00
Fuel for Rental Car (gallons)	230	\$ 2.00	\$ 460.00
Hotel (10 overnight trips)	10	\$ 75.00	\$ 750.00
Meals (10 overnight trips)	10	\$ 60.00	\$ 600.00
Outside Printing		\$ 250.00	\$ -
FedEx / Shipping	10	\$ 15.00	\$ 150.00
Display Boards		\$ 100.00	\$ -
Total Direct Expenses:			\$ 5,670.00

SUBCONSULTANTS

\$ -