



Toll 49 Segment 3B

QUARTERLY PROGRESS REPORT

No. 1 | August 2011

GENERAL

The NET RMA issued the Notice to Proceed (NTP) for construction of Toll 49 Segment 3B to the Design / Build CDA Developer, CH2M HILL Constructors, Inc., on March 31, 2011. The CH2M Hill management and design staff had mobilized to a Project Office located in the project corridor, just north of the SH 64 interchange in January 2011. CH2M Hill began design at risk in advance of issuance of the NTP for Segment 3B. CH2M Hill's design focused on the design schematic which was split into three sections, SH 31 to just north of FM 724; just north of FM 724 to just south of I-20; and the I-20 corridor. The Toll 49 Schematic for sections one and two was subsequently approved.

CH2M Hill and their subcontractors continued to advance the design of the project, working with the NET RMA design oversight consultants through the review process, to deliver the first Issued For Construction Plans (IFC #1) for clearing and grubbing on April 18, 2011. Both the CH2M Hill team and the NET RMA team worked with the Texas Commission on Environmental Quality and the U.S Army Corps of Engineers to complete the application process for the Section 404 and 401 permits, receiving permit certification on May 17, 2011.

The construction staff began to mobilize onto the Project after NTP with the first sub-contractor mobilizing just after IFC #2 for initial excavation and embankment activities including the installation of a wick drainage system near the Neches Creek Tributary #2 drainage structure on May 16, 2011.

Current construction activities are focused on continued clearing and grubbing (removal of trees, brush, stumps, and roots from the right-of-way) activities; construction of large drainage culverts and excavation and embankment operations. Construction activities conducted by CH2M Hill from April 01 to July 31, 2011 included:

- Installed wick drainage system at Neches Creek Tributary No. 2
- Excavated and rough graded roadway north of CR 1145 bridge
- Placed Phase 1 embankment over wick drain system
- Drained pond and excavated stream in preparation of construction of Culvert No. 11
- Constructed Indian Creek Bridge Class Culvert (2418 cubic yards of concrete placed)
- Began constructing Neches Creek Tributary No. 1 Bridge Class Culvert (534 cubic yards of concrete placed to date)
- Began constructing Neches Creek Tributary No. 2 Bridge Class Culvert (1831 cubic yards of concrete placed to date)



Installation of wick drains near Indian Creek.

- Cleared and grubbed trees for section one from SH 31 to just north of FM 724.
- Burning operations began but due to the Smith County Burn Ban enacted on July 12, 2011 burning operations have been suspended. The burn ban remains in effect as of the date of this report.
- Began constructing the SH 64 detour
- Installed and maintained traffic control signage
- Installed and maintained erosion control measures/devices

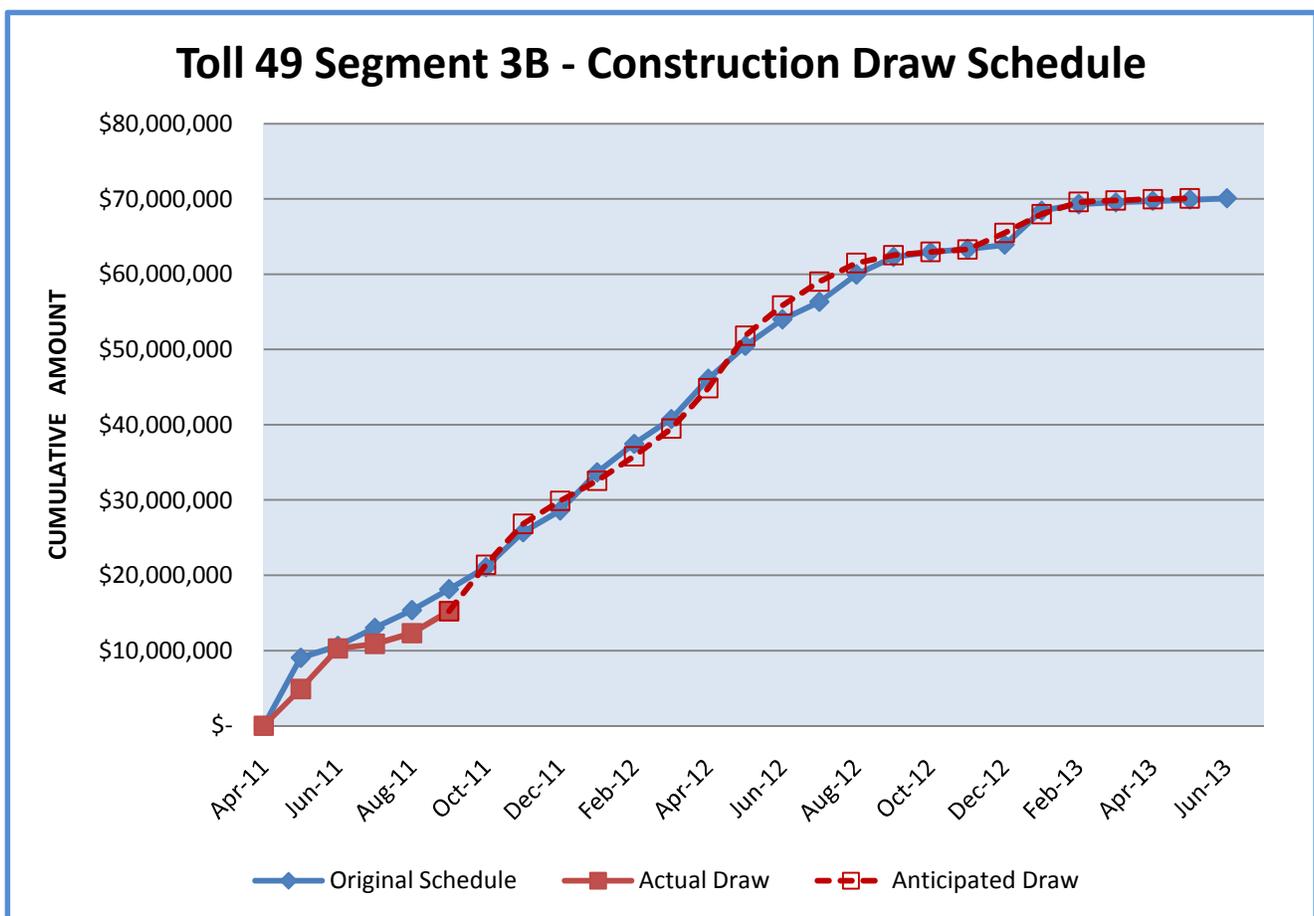
Pictures of recent construction activities are provided in Attachment A.

PROJECT SCHEDULE & FINANCIAL STATUS

Construction Progress

In regard to percent complete status, based on current information provided with CH2M Hill's Draw Request #5 for efforts through July 28, 2011, the project is at 21.7% complete based on actual revenue/expenditures to date as derived from the cost loaded schedule; this figure is derived by simply dividing *actual* cumulative expenditures to date by the total contract value. This compares to an anticipated completion of 25.9% based on the baseline schedule originally approved for the project. This figure is derived by dividing *anticipated* cumulative expenditures to date (also based on cost-loaded schedules) by the total contract value.

The graph below tracks and compares the anticipated cumulative expenditures against the actual cumulative expenditures related to the construction of the project.



As of July 28, 2011, CH2M Hill has completed 15% of the work while using 18.2 % of the time to Substantial Completion. The monthly update schedule indicates that the project is on schedule.

Financial Status

CH2M Hill submitted their Draw Request #5 on August 5, 2011 which included expenditures through July 28, 2011. This request was reviewed and approved by General Engineering Consultant Atkins on August 5, 2011 forwarding to the NET RMA for processing and issuance of payment.

The following summary provides the financial status of the project. A detailed status chart is presented on the following page.

Original CH2M Hill Contract Amount:	\$	<u>70,068,399</u>
Current Authorized Contract Amount:	\$	70,068,399
Total of CH2M Hill Payments:		
Amount of CH2M Hill Draw Request #1	\$	4,885,595
Amount of CH2M Hill Draw Request #2	\$	5,399,004
Amount of CH2M Hill Draw Request #3	\$	601,922
Amount of CH2M Hill Draw Request #4	\$	1,409,732
Amount of CH2M Hill Draw Request #5	\$	<u>2,918,978</u>
Total Amount Paid To-Date:	\$	15,215,231
Approved Amount for work completed (through Draw #5):	\$	15,215,231
Amount remaining for work to be completed:	\$	54,953,168
Total Project Budget Expended through July 2011:		21.71%

Summary of Change Orders This Reporting Period

There were no Change Orders issued between April 1 – July 31, 2011.

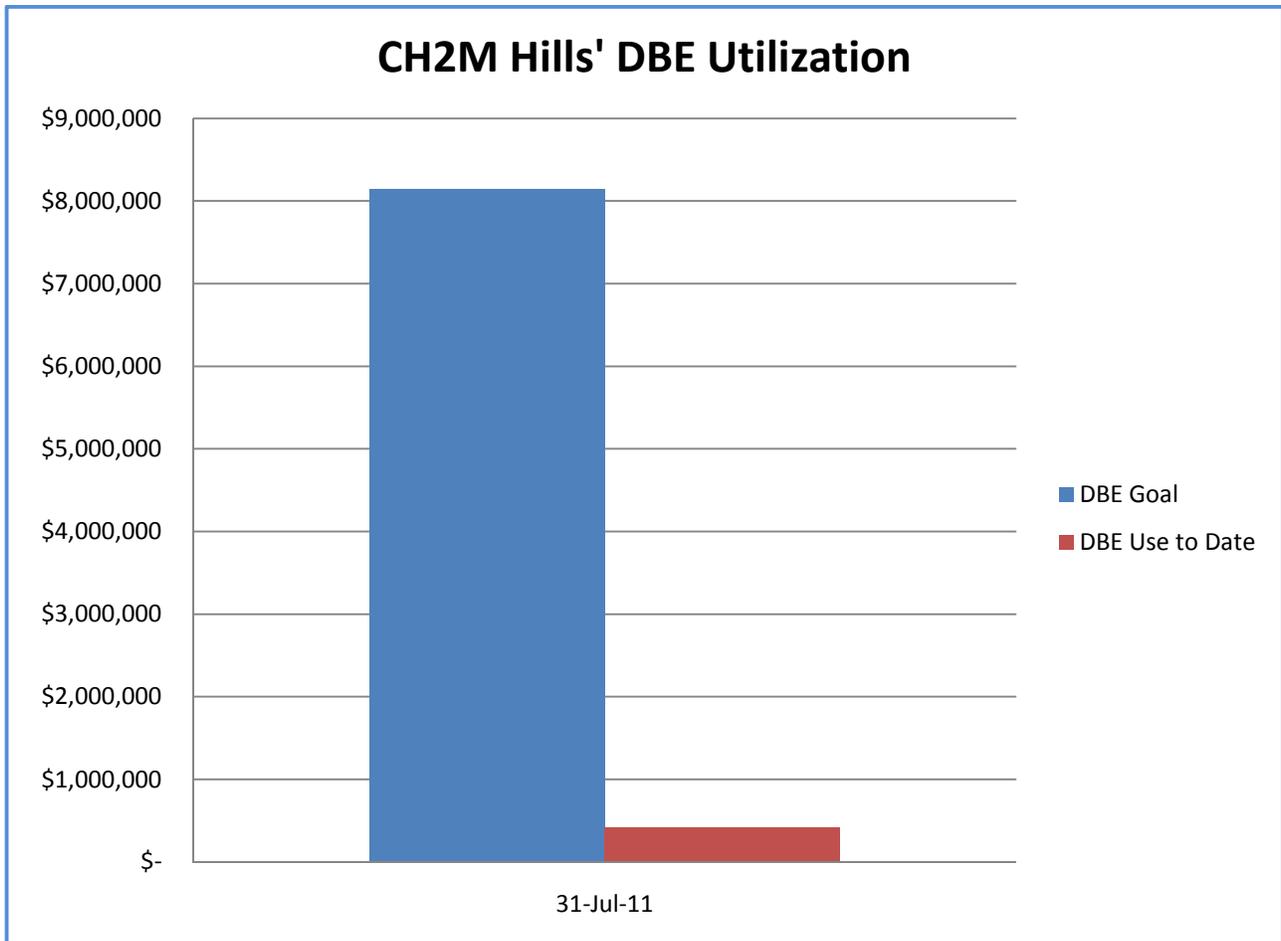
DETAIL OF TOLL 49 SEG 3B PROJECT COSTS

NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY				
NET RMA Proposed Project Costs				
DRAW #6				
Item	BUDGET	SPENT TO-DATE	% SPENT	REMAINING
Comprehensive Development Agreement				
Development Management and Design				
Development Management	\$5,000,000	\$1,516,947	30.34%	\$3,483,053
Development Design	\$6,000,000	\$3,365,854	56.10%	\$2,634,146
Community Outreach	\$40,000	\$0	0.00%	\$40,000
Utility Coordination, Management, & Agreements	\$225,000	\$138,330	61.48%	\$86,670
Subtotal Development Management and Design	\$11,265,000	\$5,021,131	44.57%	\$6,243,869
Construction				
Mobilization	\$7,006,400	\$5,254,800	75.00%	\$1,751,600
Earthwork	\$11,250,000	\$1,292,023	11.48%	\$9,957,977
Utilities	\$1,500,000	\$857,280	57.15%	\$642,720
Pavement, Subbase and Base Course	\$13,870,600	\$0	0.00%	\$13,870,600
Structures	\$13,321,000	\$0	0.00%	\$13,321,000
Drainage	\$4,750,000	\$869,968	18.32%	\$3,880,032
Lighting, Signing, Striping, and Signals	\$1,200,000	\$0	0.00%	\$1,200,000
Toll Facilities	\$300,000	\$0	0.00%	\$300,000
Environmental Monitoring and Mitigation	\$450,000	\$53,777	11.95%	\$396,223
Quality Management and Testing	\$900,000	\$300,363	33.37%	\$599,637
Traffic Control	\$750,000	\$102,273		
Maintenance	\$100,000	\$17,638	17.64%	\$82,362
Incidental Construction (Barriers, Sidewalks, Landscaping, etc)	\$1,900,000	\$0	0.00%	\$1,900,000
Subtotal Construction	\$57,298,000	\$8,748,122	15.27%	\$48,549,878
Bonds, Warranties and Insurance Premiums				
Bonds	\$844,724	\$844,724	100.00%	\$0
Warranties	\$59,421	\$0		
Insurance Premiums	\$601,254	\$601,254	100.00%	\$0
Subtotal Bonds, Warranties and Insurance Premiums	\$1,505,399	\$1,445,978	96.05%	\$59,421
Total Development Price	\$70,068,399	\$15,215,231	21.71%	\$54,853,168
NET RMA Costs				
Construction Change Orders/Contingency	\$2,000,000	\$1,006,247	50.31%	\$993,753
Environmental Studies	\$1,500,000	\$0	0.00%	\$1,500,000
Right-of-Way	\$4,947,857	\$2,094,630	42.33%	\$2,853,227
Design Oversight & QA	\$1,650,000	\$545,795	33.08%	\$1,104,205
Construction Oversight & QA	\$3,850,000	\$503,085	13.07%	\$3,346,915
Toll Integration	\$1,802,189	\$11,377	0.63%	\$1,790,812
Materials Testing Lab	\$574,610	\$5,371	0.93%	\$569,239
TxDOT Offsite/Plant Inspection	\$110,200	\$0	0.00%	\$110,200
Environmental Mitigation (Permit Monitoring, Permit Addendums, SW3P)	\$35,000	\$10,011	28.60%	\$24,989
Environmental Archeology & Dig Testing	\$180,000	\$190,295	105.72%	-\$10,295
Other Project Expenses (stipend, public outreach, etc.)	\$471,000	\$178,047	37.80%	\$292,953
NET RMA Admin Costs	\$1,408,345	\$430,729	30.58%	\$977,616
Finance Costs	\$635,000	\$635,000	100.00%	\$0
Subtotal NET RMA Costs	\$19,164,201	\$5,610,588	29.28%	\$13,553,613
Total Project Costs	\$89,232,600	\$20,825,819	23.34%	\$68,406,781

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DBE STATUS

CH2M Hill is required and committed to meet the Disadvantaged Business Enterprise (DBE) goal of 11.62% for the project. As of July 28, 2011, CH2M Hill has submitted costs associated with DBE construction work in the amount of \$420,213.71 which equals approximately 0.60% to date of the current authorized contract value.



PUBLIC INVOLVEMENT

As progress continues on the Segment 3B project, ongoing public outreach and response activities continue to take place through various methods. The following lists public outreach activities that occurred during the reporting period:

✓ Website:

All project public notices have been posted on the NET RMA website in an effort to help keep the public informed on traffic disruption and construction activities.

✓ Letters:

Letters have been sent to property owners along Powell Lane (Cr 1128) about the forecasted temporary closure due to construction of SH 64 and the permanent closure of Powell lane once the SH 64 construction has been completed.

✓ Visits:

One-on-one visits with adjacent property owners and stakeholders were made as needed.

UPCOMING CONSTRUCTION ACTIVITIES

The following construction activities are anticipated prior to October 1;

- Excavation of roadway corridor each side of the Indian Creek drainage structure and embankment of the fill over the same.
- Drill shafts and abutment/bent for the CR 1145 Bridge
- Drill shafts and abutment/bent for the SH 64 Bridge
- Continued Culvert construction at various stream locations

ATTACHMENT A

Toll 49 Segment 3B
Construction Activity Pictures
May thru July 2011



Toll 49 Segment 3B – Soil Preparation for Box Culvert at Indian Creek



Toll 49 Segment 3B – Concrete Seal Slab Pour for Box Culvert at Indian Creek



Toll 49 Segment 3B – Wall Pours for Box Culvert at Indian Creek



Toll 49 Segment 3B – Near Completion Preparing for Backfill of box Culvert at Indian Creek



Toll 49 Segment 3B – Box Culvert at Neches Tributary 2, Looking South Towards CR 1145



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Toll 49 Segment 3B – Box Culvert at Neches Tributary 2, Looking South Towards CR 1145



Toll 49 Segment 3B – Scrapper Operation (picture courtesy of CH2M Hill)



Toll 49 Segment 3B – Clearing operations