200
Earthwork

8/10/2007

200
Earthwork

8/10/2007

CLEARING AND GRUBBING						Line No.		Plan Qty			
	Location			Percent	Accum %						
Date	Sta	to Sta	Side	Complete	Complete	Remarks					Insp.
							VERY LIGHT VEGITATION				
							MONTHLY ESTIMATE NO. _____				
	Note: The percent was mutually agreed upon by the contractor and the engineer.										

LIST OF REMOVAL OF EXISTING STRUCTURES							Line No.		Plan Qty.		
Structure							% of	Accum	Date		
No.	Sta	Side	Type of Structure		Size		LSUM	%	Removed	Remarks	Insp
	This plate is recorded from the plans showing each structure to be removed. In computing the percent for the estimate, treat each unit as an equal computed percent for each structure compared to 100%. This plate shows five small structures and one large structure to be removed. Therefore each small structure would be equal to 10% complete when removed. When a large structure is encountered as above, the percentage value of each item should then be adjusted to fit the bid item.										

RECAP OF REMOVAL OF EXISTING STRUCTURES

Date Removed	Reference Bk. No.	Pg. No.	Structure No.	% of LSUM	Accum. %	Insp.	Remarks
							MONTHLY ESTIMATE NO. _____
							MONTHLY ESTIMATE NO. ____
	this form may also be used for removal and reconstruction of existing structures						

202-1a

LIST OF REMOVE AND RECONSTRUCT EXISTING STRUCTURES								Line No.		Plan Qty.	
Structure							% of	Accum	Date	Date	
No.	Sta	Side	Type of Structure		Size		LSUM	%	Removed	Reconstr.	Insp
	This plate is recorded from the plans showing each structure to be removed and reconstructed.										
	A breakdown should be submitted by the contractor and agreed to by the inspector that shows a										
	percentage of the lump sum for removal and a percentage of the lump sum for reconstruction.										
	The breakdown should total to 100%.										

RESET END SECTION					Line No		Plan Qty				
				Number	Accum						
				of End	# of End						
Date	Station	Side	Size	Sections	Sections		Insp		Remarks		

RESET PIPE CULVERT					Line No.		Plan Qty				
					Accum						
				Linear	Linear						
Date	Station	Side	Size	Feet	Feet		Insp		Remarks		

DOCUMENTATION OF CLASS I, II, III EXCAVATION **Line No.** **Plan Qty.**

					Earthwork						
		Structure		Structure			Plan	Actual			Insp
Date	Structure	Plan Dimension		Actual Dimension		Insp.	Depth	Depth	Remarks		Date
									*		
									*		

NOTE: THE AVERAGE WATER ELEVATION SHOULD BE RECORDED FOR CLASS III EXCAVATION VERIFICATION

* STRUCTURE AND EXCAVATION ELEVATIONS AND DIMENSIONS ARE CONSTRUCTED TO REASONABLE CONFORMITY TO PLAN REQUIREMENTS INDICATING NO DEVIATION FROM PLAN EXCAVATION QUANTITIES. JD

RECORD DATA OF REASONABLE COMPLIANCE OF ACTUAL TO THE PLAN DIMENSIONS AND GRADES OF THE STRUCTURE. THIS NEED ONLY BE MADE AT EXCAVATION CONTROL POINTS.

RECORD FOR FILE SUCH APPROXIMATE COMPUTATIONS OF THE ACTUAL EXCAVATION QUANTITIES WHICH BY COMPARISON WITH THE PLAN QUANTITIES WILL INDICATE THESE QUANTITIES HAVE BEEN CALCULATED AND TABULATED WITHOUT APPARENT ERROR.

RECORD DATA THAT WILL SHOW BY COMPARISON TO PLAN EARTHWORK REQUIREMENTS THAT THE ACTUAL EARTHWORK WAS CONSTRUCTED IN A REASONABLE CONFORMITY TO THESE REQUIREMENTS. THIS CHECK WOULD MAKE USE OF CONSTRUCTION STAKING OF THE REQUIRED BERMS, ETC.

TYPICAL PLATE EXAMPLE WHICH MAY BE ADAPTED TO THE DIFFERENT TYPE AND VARIATION OF STRUCTURES INVOLVED IS SHOWN HERE.

RECAP OF CLASS I, II, III EXCAVATION					BR. NO. 16.13						
			Estimate	Estimate	Final						
		Plan	%	Cubic	Complete						
Date	Location	Quantity	Complete	Yards	Quantity	Remarks					Insp
						MONTHLY ESTIMATE NO. _____					
						MONTHLY ESTIMATE NO. _____					
THIS PLATE IS INTENDED FOR USE WITH CLASS I, II, OR III						FOR FINAL QUANTITY DETERMINATION, REFER TO					
EXCAVATION. THE ESTIMATED PERCENT COMPLETE MAY						COMPUTATION FILE FOLDER * AND CHANGE					
BE DETERMINED BY VISUAL INSPECTION AT THE SITE OR						ORDER NO. *					
MAY BE COOMPUTED FROM ACTUAL MEASUREMENTS.							JD				

STRUCTURE CONCRETE PLACEMENT AND TEST DATA (CLASS _____CONCRETE											
Date											
Structure Location											
Portion Base											
Mix Design											
Plan Quantity											
Accum Cu Yd											
Lbs Steel / Cu Yd					THE DATA SHOWN ON THIS PLATE IS A RECORD						
Pay/ Qnty/ Steel					OF THE ACTUAL STRUCTURE CONSTRUCTION AND SHOWS						
Accum/ Pay/ Qnty					COMPLIANCE WITH THE SPECIFICATIONS. ALL INFORMATION						
Cu Yd Delivered					NECESSARY TO COMPLETE THE WEEKLY REPORT IS INCLUDED.						
Cu Yd Waste											
Lbs. Cement Used					THIS PLATE IS DESIGNED FOR READY-MIX OPERATIONS						
Ycf / Acf					AND CAN BE ALTERED TO ACCOMMODATE OTHER METHODS.						
Ticked #											
Bkt / Con - Bkt											
Weight Concrete											
Correction Factor											
Corr. Lbs/Cu Ft											
Theo. Air Free Wt.											
% Air											
Slump Spec/ Actual											
Temp Conc/ Actual											
Cylinders Made											
Insp											
Insp #											
Remarks											

RECAP OF GRADE (**) _____CONCRETE (***)							Line No.		Plan Qty		
	Class Concrete										
		Accum	Reference		Portion of						
Date	Cu Yd	Cu Yd	Bk / Pg	Structure	Structure Placed		Remarks				Insp.
			(**) Grade of Concrete								
			(***) AE, (air entrained), if specified								

RECAP OF REINFORCING STEEL

Line No. | Plan Qty

	Reinforcing Steel				Reinforcing Steel				Mesh Reinforcement					
		Accum	Refer.			Accum	Refer.			Accum	Refer.			
Date	Lbs.	Lbs.	Bk	Pg	Lbs.	Lbs.	Bk	Pg	Lbs.	Lbs.	Bk	Pg	Remarks	Insp.

THIS PLATE PROVIDES DOCUMENTATION OF THE ACCUMULATION OF THE INDIVIDUAL PAY ITEMS LISTED FOR ESTIMATE PURPOSES. QUANTITIES SHOWN ARE BASED ON PLAN QUANTITIES AND ARE SUBJECT TO REVISION BASED ON FINAL COMPLETED QUANTITIES.

CONCRETE FOR SEAL COURSE

Line No. | Plan Qty

Date	Location	Cu. Yds.	Accum Cu. Yds.	Type of Concrete	Dimensions	Remarks	Insp.

204-3

FOUNDATION STABILAZATION | **Line No.** | **Plan Qty**

Date	Location	Depth	Cu. Yds.	Accum Cu. Yds.	Type of Material (*)	Tons Delivered	Remarks	Insp.

(*) USE SB-1,SB-2 OR SB-3, WHEN DEPTH IS LESS THAN 6" USE ONLY SB-3

CAN ALSO BE USED FOR FOUNDATION STABILIZATION (SET PRICE)

GRANULAR BACKFILL					Line No.			Plan Quantity				
		Type of	Tons	Load		Accum	Type of		L.F.			
Date	Location		Material	Delivered	Tickets	Cu. Yds.	Cu. Yds.	Drainage Pipe (**)		Pipe	Insp.	
CAN ALSO BE USED FOR GRANULAR BACKFILL (WINGWALLS) (SET PRICE)												

EXCAVATION FOR HIGHWAYS — **Balance ____ Sta. 100+00 to 250+00**

Common Excavation cu. yds.

Common Excavation (Contractor Furnished) cu. yds.

Rock Excavation cu. yds.

Rock Excavation (Non-Durable Shale) cu. yds.

(*) Excavation cu. yds.

Date	Common	Accum Common	(Contr. Furn.) Common	Accum (Contr. Furn) Common	Rock Excavation	Accum Rock Excavation	Rock Excav. Non-Durable	Accum Rock Excav. Non-Durable	(*) Excavation	Accum (*) Excavation	Insp.

(*) May be Unclassified, Unstable, or Unsuitable.

RECAP OF EXCAVATION FOR HIGHWAYS

Contract Quantities

Common Excavation **cu. yds.**

Common Excavation (Contractor Furnished) **cu. yds.**

Rock Excavation **cu. yds.**

Rock Excavation (Non-Durable Shale) **cu. yds.**

Date	Common	Accum Common	(Contr. Furn.) Common	Accum (Contr. Furn) Common	Rock Excav	Accum Rock Excav	Rock Excav. (ND Shale)	Accum Rock Excav. (ND Shale)	(*) Excav.	Accum (*) (Excav.)

(*) May be Unclassified, Unstable, or Unsuitable.

EMBANKMENT FOR HIGHWAYS **Balance ____ Sta. 100+00 to 250+00**

Embankment **cu. yds.**

Embankment (Contractor Furnished) **cu. yds.**

Compaction of Earthwork Type (*) MR (**) **cu. yds.**

Date	Embkmt.	Accum Embkmt.	(Contr. Furn.) Embkmt.	Accum (Contr. Furn.) Embkmt.	Compaction Type (*) MR-(**)	Accum Compaction Type (*) MR-(**)	Insp.

(*) = Type AAA, AA, A, or B, (**) = MR-0-5, 3-3, 5-5, or 90

RECAP OF EMBANKMENT FOR HIGHWAYS

Contract Quantities:

Embankment **cu. yds.**

Embankment (Contractor Furnished) **cu. yds**

Compaction of Earthwork Type (*) MR-(**) **cu. yds.**

Date	Embkmt	Accum Embkmt	(Contr. Furn.) Embkmt	Accum (Contr. Furn.) Embkmt	Compaction Type (*) MR-(**)	Accum Compaction Type (*) MR-(**)	Insp.

(*) = Type AAA, AA, A, or B, (**) = MR-0-5, 3-3, 5-5, or 90

ESTIMATED DAILY EARTHWORK QUANTITIES

Date	Est. Loads Excav.	Est. cu. yds. per Load	Est. cu. yds. Excav.	VMF	Est. cu. yds. Compact	Accum cu. yds. Excav.	Type of Excav.	Accum cu. yds. Compact	Type Compact		Insp.

2052b

WATER (GRADING)				Set Price		Line No		Plan Qty.			
				Tank	Daily	Daily		Ticket			
			Tank	Size	M. Gal.	Total	Accum	Number	Weekly Total		
Date	Load Tally		Number	M. Gal.	@ Tank	M. Gal.	Total	Issued	Book	Page	Insp

RECAP OF WATER HAULED							LINE NO.		PLAN QTY			
Week Ending	Weekly Total Ending	Accum Total Ending	Reference Book Page	Estimate Number	Type of Use		Remarks				Insp.	
CAN ALSO BE USED WITH BACKFILLING FOR STRUCTURES												

2054a

RECAP OF WATER METERED						Meter No.		Line No.		Plan Qty		
		Final	Initial	Metered	Corr.	Corr.	Gals.	Pay	Accum	Ticket		
Date	Time	Reading	Reading	Gals.	Factor	Gals.	Waste	M. Gals.	M.Gals	No.	Insp.	
CAN ALSO BE USED WITH BACKFILLING FOR STRUCTURES												

2054b

ERADICATION OF TRAVELED WAY											
						Plan Quantity:			Line No.		
	Location			Accum	%						
Date	Sta	to Sta	No of Sta	No of Sta	Complete	Remarks			Date	Est. No.	Insp.

PLACING SELECT SOIL						Line No.		Plan Qty				
						Accum	Initial	Final				
Date	Location			Side	Cu. Yds.	Cu. Yds.	Ticket	Ticket	Remarks			Insp.
CAN ALSO BE USED FOR SELECT SOIL (CONTRACTOR FURNISHED)												

207-1

OVERHAUL | **Line No.** | **Plan Qty**

Date	Sta. to Sta.	Free Haul	Overhaul	Sta.'s of Overhaul	Cu. Yds.	Cu. Yd. per Sta.	$0.03 per CuYd/Sta.	Accum $0.03 per Cu. Yd./Sta.	Insp.

COMPUTATION OF STATIONS OF LINEAR GRADING

Line No. **Plan Qty.**

(Kilometers Of Linear Grading)

Date	Location Sta to Sta	Sta Length	% Complete	Equiv. Stations Complete		Sta Complete	Remarks	Insp