CHAPTER 14 Curb and Gutter and Related Items

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DOCUMENTATION REQUIREMENT SECTION A CURB AND GUTTER AND RELATED ITEMS

Curb, curb and gutter, sidewalk, driveways, concrete ramps, valley gutter, etc. shall be documented in a C&G/SIDEWALK, ETC. book.

All stakeout information (profile grades, sketches, cut and fill information, etc.) may be placed in another section of this book.

Documentation for only a few selected items is illustrated in this chapter. Documentation for practically any curb, curb and gutter, sidewalk, driveways, concrete ramps, valley gutter, etc. items can be provided by setting up the books in the same manner according to the UOM, except 201 and 202 removal items, as illustrated in Chapter 4, (Removal Items). Some minor modifications may be required to show the unusual circumstances that may occur with different items, but the general format must be followed. If there are items that cannot be documented according to the following illustrations, please call Headquarters Construction for assistance.

Any items requiring measurements, percentages, or final quantity calculations must be shown in the field book or on a CALCULATION sheet (Form No. 040-034) and filed in the CALCULATION book as illustrated in Chapter 2 (Setting up a Contract, Book Format, etc.). Make sure to cross reference the quantity in the field book to the CALCULATION sheet and the CALCULATION sheet to the field book(s) and page(s).

It is important that all records be kept in a neat and legible manner. All **notes in the remarks column must be initialed** by the person or persons responsible for the entry. All calculations must be checked and initialed by the checker.

Each book shall be setup as illustrated in Chapter 2 (Setting up a Contract, Book Format, etc.) and recapped as illustrated in Chapter 24 ("Finaling Out" a Contract).

DOCUMENTATION REQUIREMENT SECTION B CURB AND GUTTER AND RELATED ITEMS (STRUCTURE LIST)

To setup the field books the information on curb, curb and gutter, sidewalk, driveways, concrete ramps, valley gutter, etc. items shall be found in the contract plans on the Main Structure list, or on the Estimate of Quantities. As many items as room permits may be documented in one book before beginning another. A separate page shall be provided for each bid item. Make sure to leave enough pages between items for any added or missed items. An illustration of a Main Structure list is shown below.

																П			FED.RD. REG.NO. STATE PROJECT NO. COUNTY	SHEET NO. S-01	
PERPETUATE SURVEY MONUMENTS	GALVANIZED GUARDRAIL	TRAILING END ANCHOR	12-FOOT SWING GATE (DOUBLE)	72-INCH CHAIN-LINK FENCE	CLASS A CONCRETE SIDEWALK (4-INCH)	CLASS A CONCRETE CURB & GUTTER (TYPE 5)	CLASS A CONCRETE GLUE DOWN CURB (TYPE A)	CLASS A CONCRETE APRONS	CASTINGS	ADJUSTING COVERS (METHOD C)	ADJUSTING COVERS (METHOD B)	ADJUSTING COVERS (METHOD A)	CONCRETE BARRIER RAIL (TYPE A)	PORTABLE PRECAST CONCRETE BARRIER RAIL	CLASS A CONCRETE (ISLAND PAVING)	PLANTMIX MISCELLANEOUS AREAS	TYPE 1 CLASS A AGGREGATE	V-TYPE DITCHES	STRUCTURE LIST		
621 0006	618 0524	618 0038	616 0916	616 0712	613 0864	613 0732	613 0604	611 0508	009 0200	609 0120	609 0116	609 0112	502 0628	502 0616	502 0508	402 0660	302 0592	203 0556	DESCRIPTION	TATION TO STATION	
EAC	H LINFT	EACH	EACH	LINFT	SQYD	LINFT	LINFT	CUYD	POLINICIS	EACH	EACH	EACH	LINFT	LINFT	CUYD	SQYD	CUYD	STA	NOTE: ALL LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED BY THE ENGINEER		
																	400		REPAIR CATTLE GUARD, (RT)	"X" 75+90 "X" 97+54	
																	350		REPAIR CATTLE GUARD, (RT.)	"X" 98+10 "X" 105+10	
						1288														BD1" 10+55.75 'BD" 22+96.11	
						2079														BD1" 10+66,99 'BD" 31+05.83	
						2118	92								2					"BD" 22+44.36 "BD" 33+41.60	
					11.6	21														"BD" 37+20.91 "BD" 37+25.91	
					14.2	26							-						CONSTRAUCT TYPE 5 CURB & GUTTER WITH 5' SIDEWALK, (LT.)	BD" 37+20.91	

DOCUMENTATION REQUIREMENT SECTION C CURB AND GUTTER AND RELATED ITEMS (INDEX AND INITIAL KEY)

Below is an illustration of an index and an initial key. When setting up a field book at the beginning of a contract make sure each item in the book is listed on the index. During the contract if anything is added to the book make sure it is placed on the index. At job closeout make sure the index has the ending page for each item listed on more than one page. Make sure to list the book recap page(s) on the index. If room permits skip a line between entries on the index. Check the initial key each progress payment to assure that everyone who has made entries in the book has initialed and signed the initial key. If the signature is not legible, have the person print his/her name under the signature. Make sure the initials used throughout the book match the way the initials show on the initial key. If the initials change, add the new initials to the initial key next to the original initials.

	Inder Description	In		ils			2 TiHe
	Class A Concrete (Is land Paving) Conc. Barrier Rail (Type A)	Ę	3	Dhel	li Qo	nes	TECHII
	Class A Conc. Curb & Gutter Ctypes			Lynn			Tuh II Tech I
	Class A Conc. Sidewalk (4-IncH)	//	10	man	> 1m	3	
30.40	Class A Conc. Glue Down Cuch (Type A)						
75	Book Recap						
		./					
		,					
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DOCUMENTATION REQUIREMENT SECTION D CURB AND GUTTER AND RELATED ITEMS (WHEN PAID BY CUBIC FOOT OR CUBIC YARD)

Curb, curb and gutter, sidewalk, driveways, concrete ramps, valley gutter, etc. items shall be documented in a C&G/SIDEWALK, ETC. book.

The following is an illustration for an item with a UOM of Cuyd.

The illustration below is located on a structure list from the contract plans as shown on page 14-2.

The **Officeperson** shall complete for each page the item number, item description, plan quantity, the significant figure on the top right-hand side of the page, all column headings, page total in the bottom left-hand corner of the page, the AEB number and station and plan for each location if indicated on a structure list. If an item with a UOM of Cuyd is not on a structure list, omit the plan column. **Skip at least one line between entries. A separate page shall be provided for each bid item. Make sure to leave enough pages between items for any added or missed items. Calculations must be checked and initialed.**

Daily, the **Inspector** shall document station and AEB# if not already entered, cuyd, date, initials, calculations, and any remarks that are needed. **Skip at least one line between entries.**

Note: The same format may be used when the UOM is in Cuft. The cuyd column shall be changed to the heading of cuft. All entries must be entered as called out in the plans and document left, right, or centerline, where applicable.

Payment for Cuyd items shall be based on plan quantity or field measure and calculations if different than plan. Payment for Cuft item shall be based on field measure and calculations.

Item Class A Co Plan Qty 8.00 C Station to Station						LX	WX 13 +27 = C	uy0	
		cnyo	Date	Insp	AES#	₽m#	Calcs / Remo	ieks	Calcs for cuft: L X W X D = cuft
BD" 22+44.36 To BD" 33+41.60 H	2.00	2.27	10-2-08	LP	2		49x5x.25/27 complete	= 2.27 Vab	When making
"BD' 57+71.99 TO "BD' 58+02.05 RT	3.00	3.47	10-2-08	LP	2		52x6x.3/27 complete	- 3.47 V	out the field books if a required item of
BD' 59+70,36 TO BD' 59+97,49 CT	3.00	3.00	10-3-08	LP	z		lay Pla Comple	Te .	work is not illustrated in this chapter, use an illustration that
				}					has the same UOM.
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DOCUMENTATION REQUIREMENT SECTION E CURB AND GUTTER AND RELATED ITEMS (WHEN PAID BY LINEAR FOOT)

Curb, curb and gutter, sidewalk, driveways, concrete ramps, valley gutter, etc. items shall be documented in a C&G/SIDEWALK, ETC. book.

The following is an illustration for an item with a UOM of Linft.

The illustration below is located on a structure list from the contract plans as shown on page 14-2.

The **Officeperson** shall complete for each page the item number, item description, plan quantity, the significant figure on the top right-hand side of the page, all column headings, page total in the bottom left-hand corner of the page, the AEB number and the station to station and plan for each location if indicated on a structure list. If an item with a UOM of Linft is not on a structure list, omit the plan column. **Skip at least one line between entries. A separate page shall be provided for each bid item. Make sure to leave enough pages between items for any added or missed items.**

Daily, the **Inspector** shall document the station to station and AEB# if not already entered, meas linft, date, initials, and any remarks that are needed. **Skip at least one line between entries.**

Note: All entries must be entered as called out in the plans and document left, right, or centerline, where applicable.

Payment for Linft items will be based on field measure.

Station to				(Types)		0.#	o #	0
Station to	Station	Tan	Linft	Date	Znsp	A28*	PMI	Remarks
BOI" 10+55.7	5 To	1288				2		
BD'22+96.11	LT					~		
"BOI" 10+55.75 To"	BD 19+05 LT		881	10-2-08	mis	2		
BD 19+05 TO BD'	21+00 LT		177	10.2.08	MD	2		
BD'21+00 TO 'BD'	22+95 LT		195	10-2-08	MD	2		Complete
BD1 10+66.99	To	2079	1942	10.308	MD	2		complete
BD'31+05,83	RT							
"Bo" 22+44.31	6 TO	2118				2		
'BD' 33+41.60								
BO' 22+44.36To 1			1245	10-4-08	MD	a		
BD'29+05 TO B	10' 33441.60	Lt	873	10-4-08	MD	2		Complete
								Complete

When making out the field books if a required item of work is not illustrated in this chapter, use an illustration that has the same UOM.

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DOCUMENTATION REQUIREMENT SECTION F CURB AND GUTTER AND RELATED ITEMS (WHEN PAID BY SQUARE FOOT OR SQUARE YARD)

Curb, curb and gutter, sidewalk, driveways, concrete ramps, valley gutter, etc. items shall be documented in a C&G/SIDEWALK, ETC book.

The following is an illustration for an item with a UOM of Sqyd.

The illustration below is located on a structure list from the contract plans as shown on page 14-2.

The **Officeperson** shall complete for each page the item number, item description, plan quantity, the significant figure on the top right-hand side of the page, all column headings, page total in the bottom left-hand corner of the page, the AEB number and the station to station and plan for each location if indicated on a structure list. If an item with a UOM of Sqyd is not on a structure list, omit the plan column. **Skip at least one line between entries. A separate page shall be provided for each bid item. Make sure to leave enough pages between items for any added or missed items. The calculations must be checked and initialed.**

Daily, the **Inspector** shall document the station and AEB# if not already entered, sqyd, date, initials, calculations, and any remarks that are needed. **Skip at least one line between entries.**

Note: The same format may be used when the UOM is in Sqft. The sqyd column shall be changed to the heading of sqft. All entries must be entered as called out in the plans and document left, right, or centerline, where applicable.

Payment for Sqyd and Sqft items will be based on field measure and calculations.

Ilem Do: Ilem: Clas Plan Qty: o	613 080 S A Co	nc. Siz	leualk	(4-IncH)				Sights			27	
Station to				Date	Insp	AEB*	Pmt*	Calc	s Rea	40 marie		Calcs for sqft: L X W = sqft
·BO'37+20.91 ·BO'37+25.91		11.6	11,1	10-4-08	MD	а		20 X	5/9:11	1.		When making out the field books if a required item of
`BD` 37+20.91 'BD` 37+29.11		14.2	,			2						work is not illustrated in this chapter, use an illustration that
												has the same UOM.
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