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Standard	Description	File Name	Standard	Description	File Name
	(SINGLE BOX CULVERTS)			(SAFETY END TREATMENT FOR BOX CULVERTS)	
SCC-MD	Cast-In-Place Misc Details	sccmdste-21.dgn	SETB-CD	Cross Drainage Max Hw 7'	setbcdse-20.dgn (2 sheets)
■ SCC-3 & 4	C-I-P 3' & 4' Span Boxes	scc34ste-21.dgn (2 sheets)	SETB-PD	Parallel Drainage Max Hw 7'	setbpdse-20.dgn (2 sheets)
■ SCC-5 & 6	C-I-P 5' & 6' Span Boxes	scc56ste-21.dgn (2 sheets)	SETB-SW-0	Strght Wings 0 Deg Skew C/D	setbs0se-20.dgn (3 sheets)
■ SCC-7	C-I-P 7' Span Boxes	scc07ste-21.dgn (2 sheets)		Example Calc for SETB-SW-0	exstde02-20.dgn (2 sheets)
■ SCC-8	C-I-P 8' Span Boxes	scc08ste-21.dgn (2 sheets)	SETB-FW-0	Flared Wings 0 Deg Skew C/D	setbf0se-20.dgn (3 sheets)
■ SCC-9	C-I-P 9' Span Boxes	scc09ste-21.dgn (2 sheets)		Example Calc for SETB-FW-0	exstde03-20.dgn (3 sheets)
■ SCC-10	C-I-P 10' Span Boxes	scc10ste-21.dgn (2 sheets)	SETB-FW-S	Flared Wings 15, 30 Deg Skew C/D	setbfsse-20.dgn (3 sheets)
SCP-MD	Precast Miscellaneous Details	scpmdste-20.dgn		Example Calc for SET-FW-S	exstde04-20.dgn (2 sheets)
SCP-3	Precast 3' Span Boxes	scp03ste-20.dgn	SETBR	Retrofit Details for Existing	setbrste-20.dgn
SCP-4	Precast 4' Span Boxes	scp04ste-20.dgn		(SAFETY END TREATMENT FOR PIPE CULVERTS)	
SCP-5	Precast 5' Span Boxes	scp05ste-20.dgn	SETP-CD	Cross Drainage for 12"-60" Dia	setpcdse-20.dgn (2 sheets)
SCP-6	Precast 6' Span Boxes	scp06ste-20.dgn	SETP-PD	Parallel Drainage for 12"-72" Dia	setppdse-20.dgn
SCP-7	Precast 7' Span Boxes	scp07ste-20.dgn	SETP-CD-A	Cross Drainage for Design 1-7 Arch	setpcase-20.dgn (3 sheets)
SCP-8	Precast 8' Span Boxes	scp08ste-20.dgn	SETP-PD-A	Parallel Drainage for Design 1-7 Arch	setppase-20.dgn (2 sheets)
SCP-9	Precast 9' Span Boxes	scp09ste-20.dgn	SETP-FW-0	Flared Wings 0 Deg Skew C/D Rnd	setpf0se-20.dgn (3 sheets)
SCP-10	Precast 10' Span Boxes	scp10ste-20.dgn	SETP-FW-15	Flared Wings 15 Deg Skew C/D Rnd	stpf15se-20.dgn (3 sheets)
SCP-11	Precast 11' Span Boxes	scp11ste-20.dgn	SETP-FW-30	Flared Wings 30 Deg Skew C/D Rnd	stpf30se-20.dgn (3 sheets)
SCP-12	Precast 12' Span Boxes	scp12ste-20.dgn	SETP-FW-A-0	Flared Wings 0 Skew C/D Arch	stpa00se-20.dgn (3 sheets)
	(MULTIPLE BOX CULVERTS)		SETP-FW-A-15	Flared Wings 15 Skew C/D Arch	stpa15se-20.dgn (3 sheets)
MC-MD	Cast-In-Place Misc Details	mc-mdste-20.dgn	SETP-FW-A-30	Flared Wings 30 Skew C/D Arch	stpa30se-20.dgn (3 sheets)
MC-3-23	C-I-P 3' Spans for Lengthening	mc323ste-20.dgn (2 sheets)	PSET-SC	Precast End Treatment C/D Sq	psetscse-20.dgn
MC-4-23	C-I-P 4' Spans for Lengthening	mc423ste-20.dgn (2 sheets)	PSET-SP	Precast End Treatment P/D Sq	psetspse-20.dgn
MC-5-20	C-I-P 5' Spans thru 20' Fill	mc520ste-20.dgn (2 sheets)	PSET-RC	Precast End Treatment C/D Rnd	psetrcse-20.dgn
MC-5-23	C-I-P 5' Spans thru 23' Fill	mc523ste-20.dgn (2 sheets)	PSET-RR	Precast End Treatment P/D Rnd	psetrrse-20.dgn
MC-6-16	C-I-P 6' Spans thru 16' Fill	mc616ste-20.dgn (2 sheets)	PSET-RR	Precast End Treatment Riprap Details	psetrrse-20.dgn
MC-6-20	C-I-P 6' Spans thru 20' Fill	mc620ste-20.dgn (2 sheets)	GS-ES-CD	Galv Steel End 12"-60" Dia C/D	gsescdse-20.dgn (2 sheets)
MC-6-23	C-I-P 6' Spans thru 23' Fill	mc623ste-20.dgn (2 sheets)	GS-ES-PD	Galv Steel End 12"-60" Dia P/D	gsespse-20.dgn (2 sheets)
MC-7-10	C-I-P 7' Spans thru 10' Fill	mc710ste-20.dgn (2 sheets)		(STOCK PASS)	
MC-7-16	C-I-P 7' Spans thru 16' Fill	mc716ste-20.dgn (2 sheets)	SP	Livestock Pass Under Roadway	spe01ste-20.dgn
MC-7-20	C-I-P 7' Spans thru 20' Fill	mc720ste-20.dgn (2 sheets)		(INLET & DRAINS)	
MC-7-23	C-I-P 7' Spans thru 23' Fill	mc723ste-20.dgn (2 sheets)	CCO	Cast-In-Place Curb Inlet Outside Roadway	ccostds1-20.dgn (4 sheets)
MC-8-13	C-I-P 8' Spans thru 13' Fill	mc813ste-20.dgn (2 sheets)	IL-S	Sloping Inlet Type S w/Grate	il-ssde-20.dgn
MC-8-16	C-I-P 8' Spans thru 16' Fill	mc816ste-20.dgn (2 sheets)	SD	Roadway Slotted Drain	sdstde01-20.dgn (2 sheets)
MC-8-20	C-I-P 8' Spans thru 20' Fill	mc820ste-20.dgn (2 sheets)	BD-1	Bridge Drain Details (Cast)	bdstde01-20.dgn
MC-8-23	C-I-P 8' Spans thru 23' Fill	mc823ste-20.dgn (2 sheets)	BD-2	Bridge Drain Details (Welded)	bdstde02-20.dgn (2 sheets)
MC-9-10	C-I-P 9' Spans thru 10' Fill	mc910ste-20.dgn (2 sheets)	BD-3	Bridge Drain Details (Welded) w/cast options	bdstde03-20.dgn (2 sheets)
MC-9-13	C-I-P 9' Spans thru 13' Fill	mc913ste-20.dgn (2 sheets)		(PRECAST INLETS & MANHOLES)	
MC-9-16	C-I-P 9' Spans thru 16' Fill	mc916ste-20.dgn (2 sheets)	PB	Precast Base	prestd01-20.dgn
MC-9-20	C-I-P 9' Spans thru 20' Fill	mc920ste-20.dgn (2 sheets)	PBGC	Pipe and Box Grouted Connections	pbgcstd1-20.dgn
MC-9-23	C-I-P 9' Spans thru 23' Fill	mc923ste-20.dgn (2 sheets)	PJB	Precast Junction Box	prestd09-20.dgn
MC-10-7	C-I-P 10' Spans thru 7' Fill	mc107ste-20.dgn (2 sheets)	PDD	Design Data for PB and PJB	prestd10-20.dgn
MC-10-10	C-I-P 10' Spans thru 10' Fill	mc110ste-20.dgn (2 sheets)	PRM	Precast Round Manhole	prestd02-20.dgn
MC-10-13	C-I-P 10' Spans thru 13' Fill	mc113ste-20.dgn (2 sheets)	PCO	Precast Curb Inlet Outside Roadway	prestd03-20.dgn (2 sheets)
MC-10-16	C-I-P 10' Spans thru 16' Fill	mc116ste-20.dgn (2 sheets)	PCU	Precast Curb Inlet Under Roadway	prestd04-20.dgn (2 sheets)
MC-10-20	C-I-P 10' Spans thru 20' Fill	mc120ste-20.dgn (2 sheets)	PSL	Precast Solid Lid	prestd05-20.dgn (2 sheets)
MC-10-23	C-I-P 10' Spans thru 23' Fill	mc123ste-20.dgn (2 sheets)	POD	Precast Overpass Drain	prestd06-20.dgn
ECD	Ext Curb Details from 1' to 5'	ecdstd1-20.dgn	PMBD	Precast Median Barrier Drain	prestd07-20.dgn (2 sheets)
	(WINGS FOR SINGLE & MULTI-BOX CULVERTS)		PAZD	Precast Area Zone Drain	prestd08-20.dgn
BCS	Supplement Wing & End Treatment	bcsstd1-20.dgn	PAZD-CZ	Precast Area Zone Drain within Clear Zone	prestd15-20.dgn
	Example for BCS	exstde01-20.dgn		Example of PSL Styles and Sizes	prestd11-20.dgn
SW-0	Straight Wings for 0 Deg Skew	sw-0std-20.dgn		Example of PB Reducing Slab & Reduced Riser Sizes	prestd12-20.dgn
FW-0	Flared Wings for 0 Deg Skew	fw-0std-20.dgn		Curb & Gutter Transition Details for PCO Inlet	prestd13-20.dgn
FW-S	Flared Wings for Skews	fw-sstd-20.dgn		Curb & Gutter Transition Details for PCU Inlet	prestd14-20.dgn
PW	Parallel Wings Skewed/Non Skew	pwstd01-20.dgn		(BRIDGE RAIL ANCHORAGE DETAILS)	
	(CONCRETE HEADWALLS FOR PIPE CULVERTS)		CGT-PCO	Box Culvert Rail Mounting Details	racste01-20.dgn (2 sheets)
CH-FW-0	Flared Wings for 0 Deg Skew	chfw00se-20.dgn	CGT-PCU	Retro Guide for BC w/Curbs 2' & less	racste02-20.dgn (2 sheets)
CH-FW-15	Flared Wings for 15 Deg Skew	chfw15se-20.dgn		Mounting Details for T631 & T631LS Rails	rlstd040-20.dgn
CH-FW-30	Flared Wings for 30 Deg Skew	chfw30se-20.dgn	RAC		
CH-FW-45	Flared Wings for 45 Deg Skew	chfw45se-20.dgn	RAC-R		
CH-FW-A-0	Flared Wings Arch Pipe 0 Deg	chfa00se-20.dgn	T631-CM		
CH-FW-A-15	Flared Wings Arch Pipe 15 Deg	chfa15se-20.dgn			
CH-FW-A-30	Flared Wings Arch Pipe 30 Deg	chfa30se-20.dgn			
CH-FW-A-45	Flared Wings Arch Pipe 45 Deg	chfa45se-20.dgn			
CH-PW-0	Parallel Wings Non Skewed	chpw0ste-20.dgn			
CH-PW-S	Parallel Wings Skewed	chpwsste-20.dgn			
CH-PW-A-0	Parallel Wings Arch Pipe N/Skew	chpa0ste-20.dgn			
CH-PW-A-S	Parallel Wings Arch Pipe Skewed	chpasste-20.dgn			

Note: 1. An Excel 2010 spreadsheet to assist in filling out the following standards can be downloaded from the Bridge Standards (English) web page on the TxDOT web site:

- BCS
- SETB-SW-0 (Sheet 3 of 3)
- SETB-FW-0 (Sheet 3 of 3)
- SETB-FW-S (Sheet 3 of 3)

2. A Type II Safety End Treatment Guide for Pipe Culverts can be downloaded from the Bridge Standards (English) web page on the TxDOT web site.

3. A Guide to the Standard Inlet and Manhole Program and Approved Cast Iron Product Sheets for Precast Inlets and Manholes can be downloaded from the Bridge Standards (English) web page on the TxDOT web site.



A list of bridge standards with revision dates or original drawing dates can be printed or downloaded from the Bridge Standards (English) web page on the TxDOT web site.

Issue date of standards - February 2020

■ Revision date of standards - April 2021

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DATE:  
FILE:

 <b>Texas Department of Transportation</b>				<b>Bridge Division Standard</b>	
<h2 style="margin: 0;">ENGLISH CULVERT AND DRAINAGE STANDARDS</h2>					
FILE: table01e.dgn	DN: TxDOT	CK: TxDOT	DW: JTR	CK: TxDOT	
		CONT	SECT	JOB	HIGHWAY
REVISIONS					
		DIST	COUNTY		SHEET NO.