

Rebar Schedule for BC-1 & BC-5

Mark	Size	Max Spacing	Length	Type	A	B
As1	#4	12"	Varies	Bent	---	32"
As2	#4	12"	Varies	Hook	---	21"
As3	#4	10"	14'-10"	Hook	136"	21"
As4	#4	12"	11'-4"	Str.	136"	---
As5	#4	18"	Varies	Str.	---	---

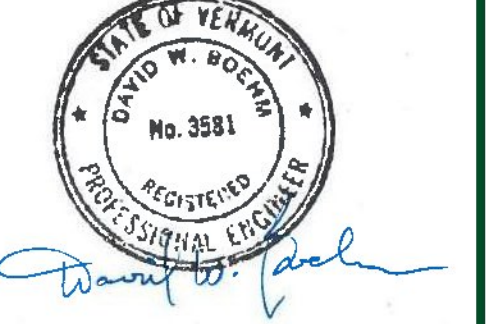
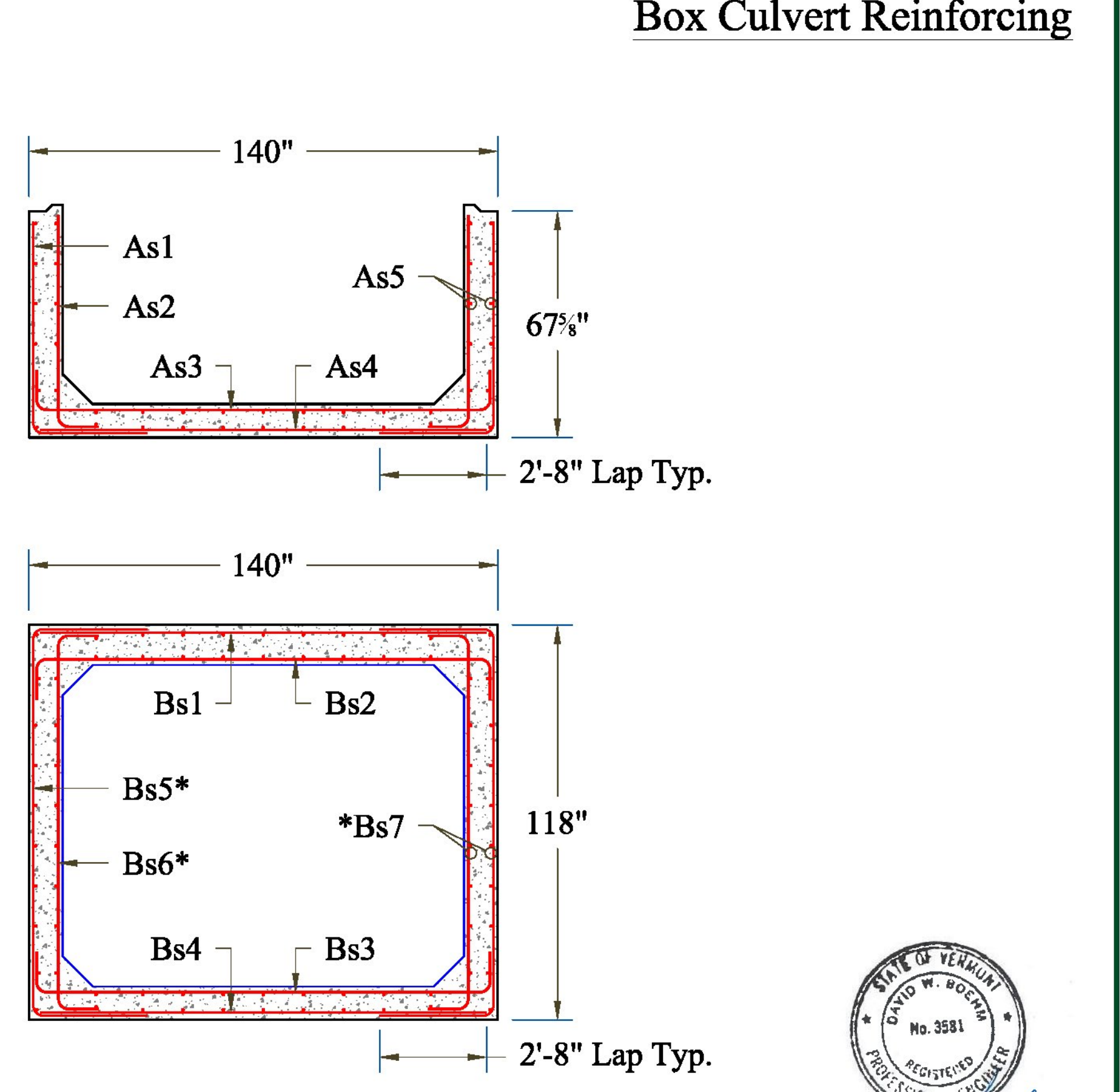
Rebar Schedule for BC-2, BC-3 & BC-4

Mark	Size	Max Spacing	Length	Type	A	B
Bs1	#5	12"	11'-4"	Str.	136"	---
Bs2	#6	10"	16'-6"	Hook	136"	31"
Bs3	#6	10"	16'-6"	Hook	136"	31"
Bs4	#4	12"	11'-4"	Str.	136"	---
Bs5	#6	12"	14'-10"	Bent	114"	32"
Bs6	#5	12"	13'-10"	Hook	114"	26"
Bs7	#4	18"	6'-5 1/2"	Str.	77 1/2"	---

Notes: 1. 2" Clear Typical Unless Noted Otherwise
2. Where Indicated as Varies, Lengths of Rebar Change Due to Slope

Notes: 1. 2" Clear Typical Unless Noted Otherwise
2. Where Indicated as Varies, Lengths of Rebar Change Due to Slope
* Varies on Box Culvert Sections BC-2 & BC-4

these longitudinal bars can be slightly longer because they protrude into the lip. ASTM C1433 specifies they are to be 1/2" to 2" from the outside face of the lip. an extra 1" on these would be ok.



CONTRACTORS VTSPE:

REVISED 10-25-2013 JTS
BC-1 HAS BEEN OMITTED AND WILL NOT BE FABRICATED.
HOLES FOR FOR DOWELING CUT OFF WALL SHALL BE ADDED TO BC-2

Vermont Agency of Transportation
RECEIVED
CK'D BY RK/JW OK'D BY JS
September 26, 2013
RESUBMIT NO Approved AsNoted
BY KH DATE 10-25-2013

PRECAST CONCRETE BOX CULVERT SHOP DRAWINGS (SDI JOB #13510)
SUPERVISOR: M. WHEELER
DETAILER: C. DUPLANTIS
CHECKER: M. WHEELER
ENGINEER: ENGINEERING VENTURES

PROJECT NAME: ADDISON
PROJECT #: STP CULV (14)
LOCATION: ADDISON, VT
BRIDGE: #2 ON VT ROUTE 17

CONTRACTOR:
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09/26/13 - Revised Per Vermont Agency of Transportation Review