SPAN TYPE		SPAN LENGTH	DIM. B	DIM. A	DIM. C
PRESTRESSED	18" CORED SLAB	< 42'	2'-9"	+ 0.4'	- 3.2'
	21" CORED SLAB	< 49'		+ 0.0'	- 3.6'
	27" BOX BEAM•	≤ 75'		- 1.2'	- 4.8'
	33" BOX BEAM•	≤ 90'		- 1.9'	- 5.5'
	39" BOX BEAM•	≤ 100'		- 2.7'	- 6.3'
	36" GIRDER	≤ 45'		- 3.4'	- 7.0'
	45" GIRDER	≤ 65'		- 4.4'	- 8.0'
	54" GIRDER	< 90'	2'-9"	- 5.6'	- 9.2'
	63" MBT	< 105'	4'-0"	- 5.8'	- 9.4'
	72" MBT	≤ 118'		- 6.9'	- 10.5'
	63" GIRDER	< 125'		- 5.8'	- 9.4'
	72" GIRDER	≤ 141'	4'-0"	- 6.9'	- 10.5'
I-BEAM		40'	2'-9"	- 2.5'	- 6.1'
		45'		- 2.9'	- 6.5'
		50'		- 3.1'	- 6.7'
		55'		- 3.2'	- 6.8'
		60'		- 3.4'	- 7.0'
		65'		- 3.6'	- 7.2'
		70'		- 3.7'	- 7.3'
		75'		- 3.9'	- 7.5'
		80'		- 3.9'	- 7.5'
		85'	2'-9"	- 4.0'	- 7.6'
PLATE GIRDER		90'	4'-0"	- 4.3'	- 7.9'
		100'		- 4.8'	- 8.4'
		110'		- 5.4'	- 9.0'
		120'		- 5.8'	- 9.4'
		130'		- 6.4'	- 10.0'
		140'		- 6.9'	- 10.5'
		150'		- 7.5'	- 11.1'
		160'	4'-0"	- 8.0'	- 11.6'

+VALUES INCREASE BRIDGE LENGTH
- VALUES DECREASE BRIDGE LENGTH
DIM.A- FOR HYDRAULICS UNIT'S USE IN SETTING BRIDGE LENGTH
DIM.A OR C- FOR STRUCTURE DESIGN UNIT'S USE IN SETTING STATION OF FRONT SLOPE
• IF PROPOSED SPAN LENGTH EXCEEDS SPAN LENGTH SHOWN BY 5 FEET OR LESS, CONSULT WITH SDU PROJECT ENGINEER.

STREAM CROSSING
DETAILS FOR 1'-0" MIN. BERM

FIGURE 11 – 3