2_39 BRIDGE PAVEMENT LAYERS

Question:

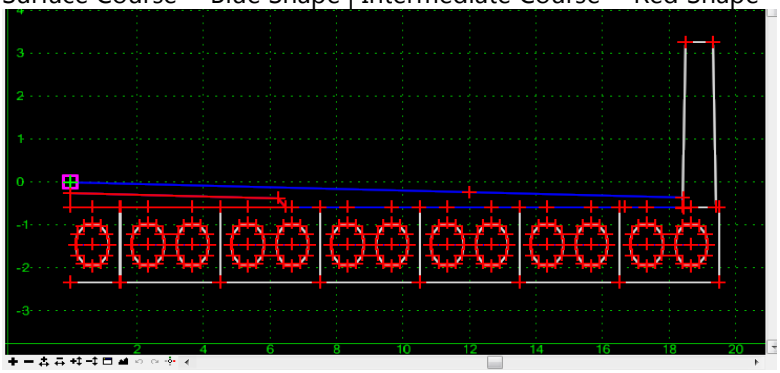
Can you add a level for the bridge pavement? My squad leader doesn't like to show the pavement course layers. So after those get hidden, it looks like there is no pavement going on the bridge. Maybe add a layer called Prop CMT Bridge Pvmt Surface?

Answer:

Thank you for using the new cored slab templates and bridge overlay components in your managed corridors. We are currently *ironing out* some of issues facing pavement over bridges from standards, to design, to constructability with Pavement Management and the Plan Review Section.

We no longer have just one "shape" of the asphalt wearing surface course for box beam and cored slab bridges. The new AWS template components updated a couple of days ago will consist of the surface course (S4.75A, SF9.5A, S9.5X, S12.5X) + I19.0x. I've drafted a preliminary matrix table to help you configure the pavement depths accordingly, depending on the AWS depth as outlined by the SMU detail drawings.

Surface Course = Blue Shape | Intermediate Course = Red Shape



A1 | 24" CSU

24" CSU	AWS DEPTH @ CL BRG. (INCHES)			Recommended Pvmt Course Depth for S4.75A + I19.0X (Inches)				Recommended Pvmt Course Depth for SF9.5A + I19.0X (Inches)				Recommended Pvmt Course Depth for S9.5X + I19.0X (Inches)				Recommended Pvmt Course Depth for S12.5X + I19.0X (Inches)			
	SKEW 60° TO 120°			SE		NC		SE		NC		SE		NC		SE		NC	
SUPERSTRUCTURE WIDTH		SE	NC	S4.75A	I19.0X	S4.75A	I19.0X	SF9.5A	I19.0X	SF9.5A	I19.0X	S9.5X	I19.0X	S9.5X	I19.0X	S12.5X	I19.0X	S12.5X	I19.0X
	27'	5¼	8½	2	3¼	2	6½	2	3¼	3	5½	2	3¼	3	5½	2	3¼	4	4½
	30'	5¼	8½	2	3¼	2	6½	2	3¼	3	5½	2	3¼	3	5½	2	3¼	4	4½
	33'	5¼	8½	2	3¼	2	6½	2	3¼	3	5½	2	3¼	3	5½	2	3¼	4	4½
	36'	5¼	9	2	3¼	2	7	2	3¼	3	6	2	3¼	3	6	2	3¼	4	5
	39'	5¼	9	2	3¼	2	7	2	3¼	3	6	2	3¼	3	6	2	3¼	4	5
				½" Min.	2½" Min.	½" Min.	2½" Min.	1" Min.	2½" Min.	1" Min.	2½" Min.	1½" Min.	2½" Min.	1½" Min.	2½" Min.	2" Min.	2½" Min.	2" Min.	2½" Min.
				S+I 3" Min.				S+I 3 ½" Min.				S+I 4" Min.				S+I 4 ½" Min.			

As soon as we can get a confirmation from the respective parties and a green light to proceed I will make them more defined. In the meantime, if you are still using the old templates you can substitute the AWS elements in Microstation with any Roadway printable level which has a weight of 3 or thicker to make them show up more.