
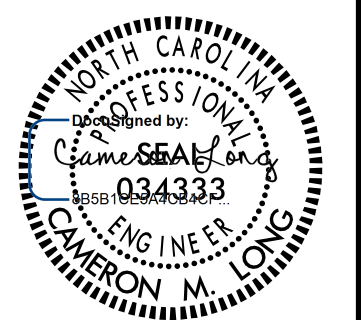
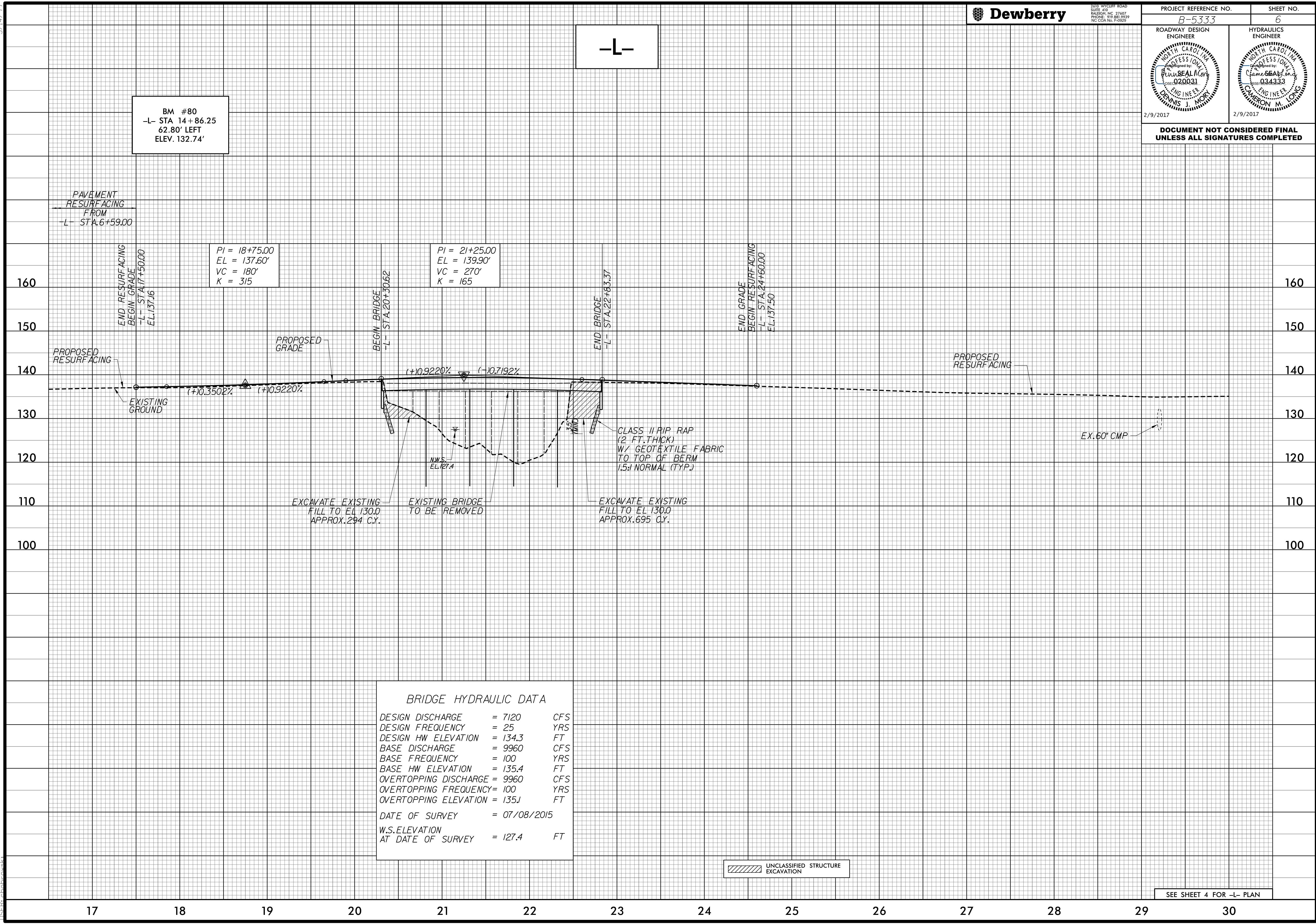


PROJECT REFERENCE NO. <b>B-5333</b>	SHEET NO. <b>6</b>
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 
2/9/2017	2/9/2017

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**BM #80**  
 -L- STA 14+86.25  
 62.80' LEFT  
 ELEV. 132.74'

**-L-**

PAVEMENT  
RESURFACING  
FROM  
-L- STA. 6+59.00

END RESURFACING  
BEGIN GRADE  
-L- STA. 17+50.00  
E.L. 137.16

PI = 18+75.00  
EL = 137.60'  
VC = 180'  
K = 315

PI = 21+25.00  
EL = 139.90'  
VC = 270'  
K = 165

END BRIDGE  
-L- STA. 22+83.37

END GRADE  
BEGIN RESURFACING  
-L- STA. 24+60.00  
E.L. 137.50

PROPOSED  
RESURFACING

PROPOSED  
GRADE

BEGIN BRIDGE  
-L- STA. 20+30.62

PROPOSED  
RESURFACING

EX. 60' CMP

CLASS II RIP RAP  
(2 FT. THICK)  
W/ GEOTEXTILE FABRIC  
TO TOP OF BERM  
1.5:1 NORMAL (TYP.)

EXCAVATE EXISTING  
FILL TO EL. 130.0  
APPROX. 294 C.Y.

EXISTING BRIDGE  
TO BE REMOVED

EXCAVATE EXISTING  
FILL TO EL. 130.0  
APPROX. 695 C.Y.

**BRIDGE HYDRAULIC DATA**

DESIGN DISCHARGE	= 7120	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 134.3	FT
BASE DISCHARGE	= 9960	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 135.4	FT
OVERTOPPING DISCHARGE	= 9960	CFS
OVERTOPPING FREQUENCY	= 100	YRS
OVERTOPPING ELEVATION	= 135.1	FT
DATE OF SURVEY	= 07/08/2015	
W.S. ELEVATION AT DATE OF SURVEY	= 127.4	FT

 UNCLASSIFIED STRUCTURE  
EXCAVATION

SEE SHEET 4 FOR -L- PLAN