



**LONG CHORD LAYOUT**  
(END BENTS AND BENTS ARE RADIAL TO -YEB01-)

**HORIZONTAL CURVE DATA -YEB01-**

PI STA. 31+10.10  
 $\Delta = 76^\circ 29' 46.8''$  (LT)  
 $D = 6^\circ 52' 41.7''$   
 $L = 1,112.15'$   
 $T = 656.64'$   
 $R = 833.00'$

ANGLES	
①	90°00'00" (TAN. TO CURVE)
②	94°48'53"
③	105°59'31"
④	96°21'45"
⑤	85°11'07"
⑥	96°21'45"
⑦	83°38'15"
⑧	83°38'15"
⑨	94°48'53"
⑩	85°11'07"
⑪	74°00'28"

PROJECT NO. R-5516  
CRAVEN COUNTY  
 STATION: 32+25.84 -YEB01-  
75+13.29 -L-  
 SHEET 5 OF 6

**AECOM**  
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4/12/2017

**SEAL**  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 JOHN C. MORRISON  
 SEAL 030474

*John C. Morrison*  
AZFE142CRZF4AB

STATE OF NORTH CAROLINA  
**DEPARTMENT OF TRANSPORTATION**  
RALEIGH

**GENERAL DRAWING**

BRIDGE ON US 70 FLYOVER TO  
 SLOCUM ROAD OVER US 70 INTERCHANGE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-05
1			3			TOTAL SHEETS
2			4			51

DRAWN BY : S. G. STREDNAK DATE : 08/15  
 CHECKED BY : J. C. MORRISON DATE : 11/15  
 DESIGN E.O.R. : J. C. MORRISON DATE : 05/16

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

DATE: 4/12/2017 TIME: 2:46:18 PM  
 USER: jcmr1503  
 DN: #16032444, Sname, Room#400, Technical#08, Structure#Code#40, 025\_S05\_P5516\_SML0005.dgn