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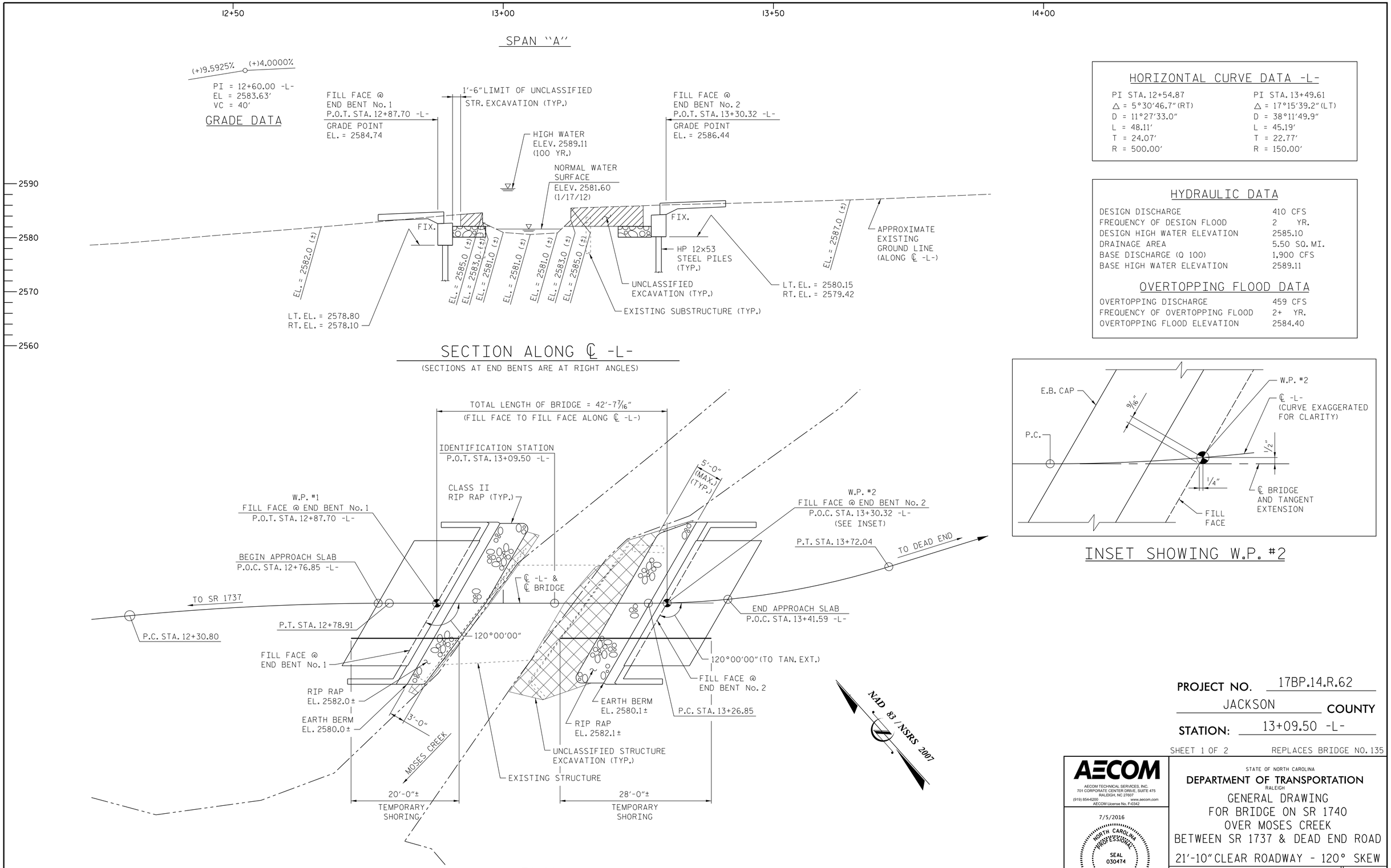

HORIZONTAL CURVE DATA -L-

PI STA. 12+54.87	PI STA. 13+49.61
Δ = 5°30'46.7" (RT)	Δ = 17°15'39.2" (LT)
D = 11°27'33.0"	D = 38°11'49.9"
L = 48.11'	L = 45.19'
T = 24.07'	T = 22.77'
R = 500.00'	R = 150.00'

HYDRAULIC DATA

DESIGN DISCHARGE	410 CFS
FREQUENCY OF DESIGN FLOOD	2 YR.
DESIGN HIGH WATER ELEVATION	2585.10
DRAINAGE AREA	5.50 SQ. MI.
BASE DISCHARGE (Q 100)	1,900 CFS
BASE HIGH WATER ELEVATION	2589.11

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	459 CFS
FREQUENCY OF OVERTOPPING FLOOD	2+ YR.
OVERTOPPING FLOOD ELEVATION	2584.40

PROJECT NO. 17BP.14.R.62

JACKSON COUNTY

STATION: 13+09.50 -L-

SHEET 1 OF 2 REPLACES BRIDGE NO. 135

AECOM
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(919) 854-6200 www.aecom.com
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7/5/2016

NORTH CAROLINA PROFESSIONAL SEAL 030474 ENGINEER JOHN C. MORRISON

John C. Morrison

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE ON SR 1740
OVER MOSES CREEK
BETWEEN SR 1737 & DEAD END ROAD
21'-10" CLEAR ROADWAY - 120° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-01
1			3			TOTAL SHEETS
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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DATE: 7/5/2016
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