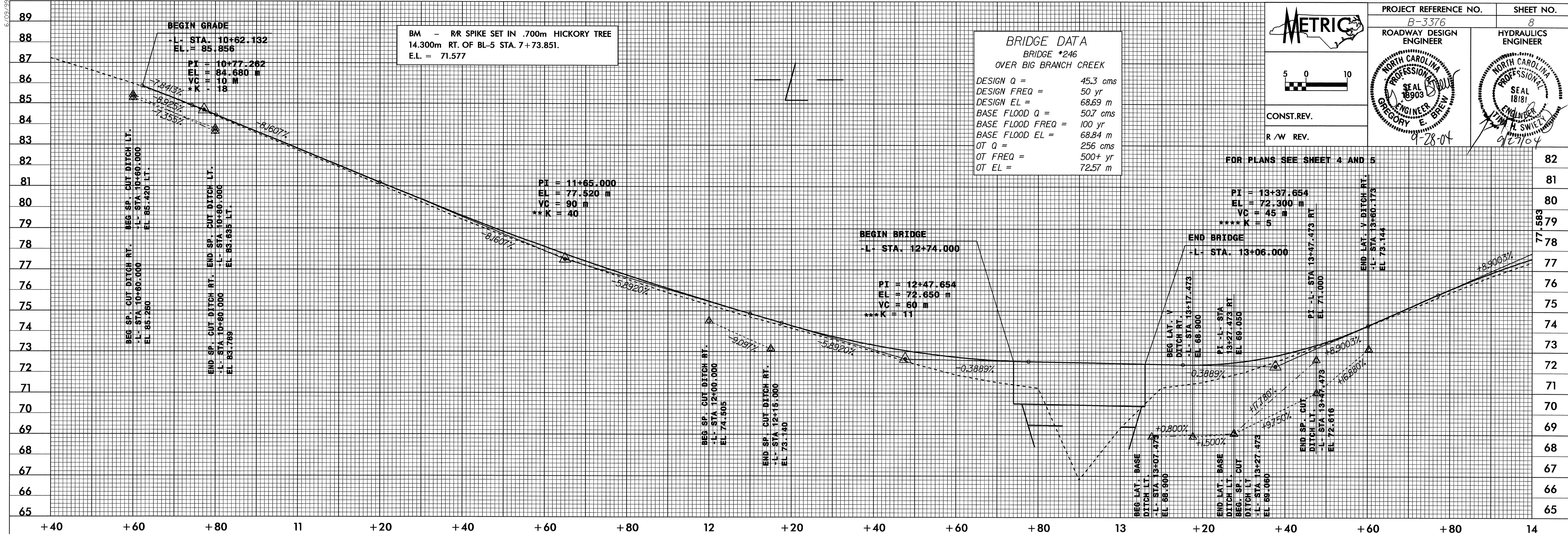


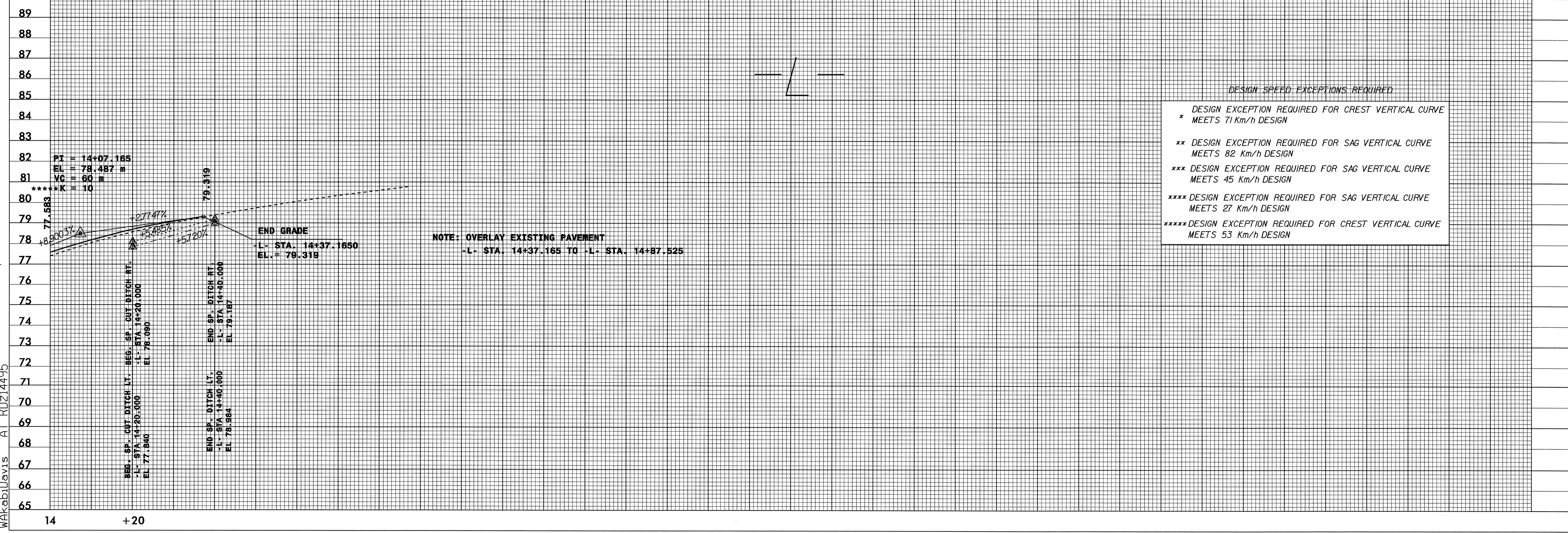
PROJECT REFERENCE NO. B-3376	SHEET NO. 8
ROADWAY DESIGN ENGINEER GREGORY E. BREWSTER	HYDRAULICS ENGINEER H. SWIEZ
SEAL 18903	SEAL 18181
DATE: 9-28-04	DATE: 9-27-04

BRIDGE DATA	
BRIDGE #246 OVER BIG BRANCH CREEK	
DESIGN Q =	45.3 cms
DESIGN FREQ =	50 yr
DESIGN EL =	68.69 m
BASE FLOOD Q =	50.7 cms
BASE FLOOD FREQ =	100 yr
BASE FLOOD EL =	68.84 m
OT Q =	256 cms
OT FREQ =	500+ yr
OT EL =	72.57 m



DESIGN SPEED EXCEPTIONS REQUIRED

- * DESIGN EXCEPTION REQUIRED FOR CREST VERTICAL CURVE MEETS 71 Km/h DESIGN
- ** DESIGN EXCEPTION REQUIRED FOR SAG VERTICAL CURVE MEETS 82 Km/h DESIGN
- *** DESIGN EXCEPTION REQUIRED FOR SAG VERTICAL CURVE MEETS 45 Km/h DESIGN
- **** DESIGN EXCEPTION REQUIRED FOR SAG VERTICAL CURVE MEETS 27 Km/h DESIGN
- ***** DESIGN EXCEPTION REQUIRED FOR CREST VERTICAL CURVE MEETS 53 Km/h DESIGN



07-SEP-2004 08:29
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