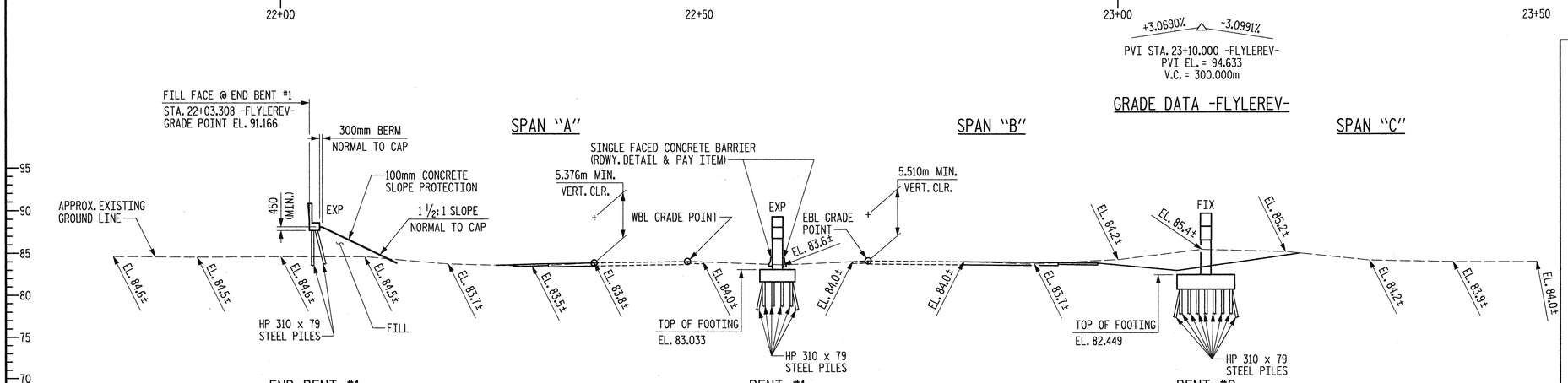
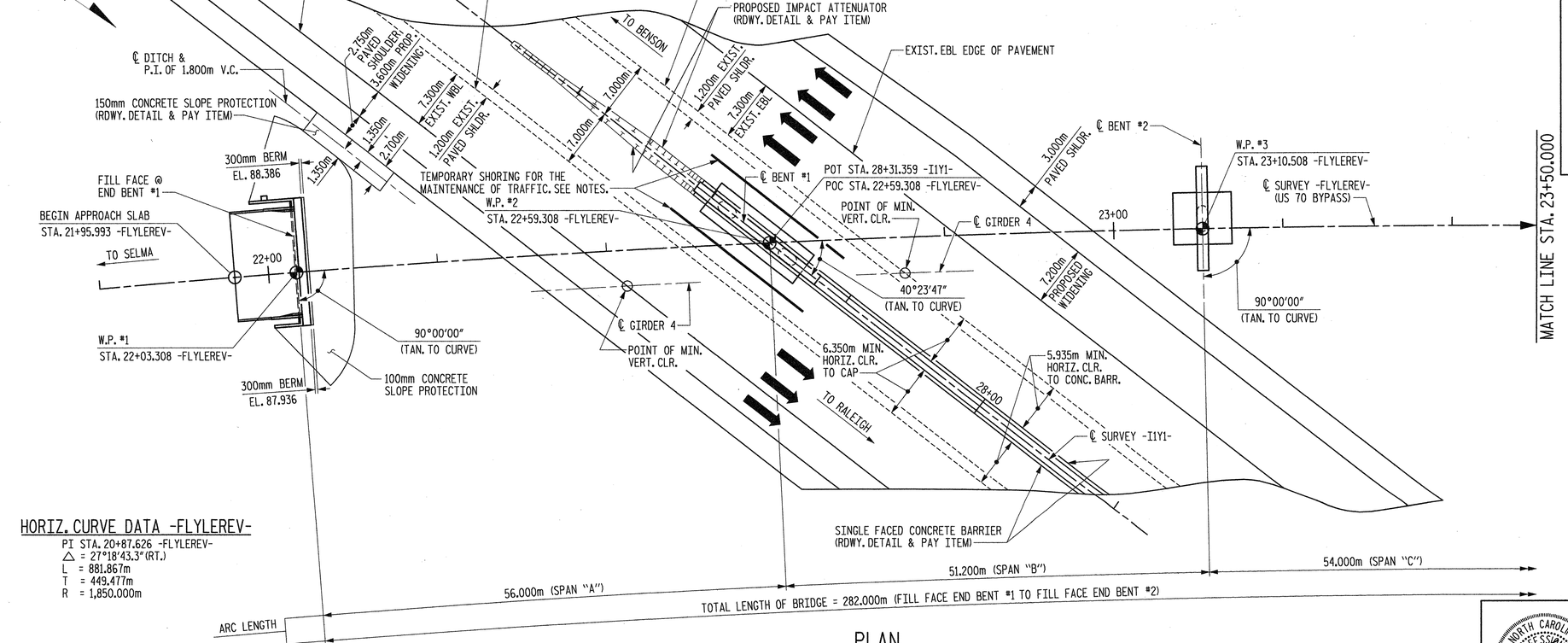


SECTION ALONG ℄ SURVEY -FLYLEREV-

(BENTS ON SECTION AT RIGHT ANGLES TO BENTS)



PLAN

(PILES NOT SHOWN FOR CLARITY)

HORIZ. CURVE DATA -FLYLEREV-

PI STA. 20+87.626 -FLYLEREV-
△ = 27°18'43.3" (RT.)
L = 881.867m
T = 449.477m
R = 1,850.000m

-I1Y1- GRADE DATA ALONG EXISTING WBL EDGE OF PAVEMENT

STA. 27+80 -I1Y1-	STA. 28+00 -I1Y1-	STA. 28+20 -I1Y1-	STA. 28+40 -I1Y1-	STA. 28+60 -I1Y1-	STA. 28+80 -I1Y1-	STA. 29+00 -I1Y1-
EL. 84.231	EL. 84.112	EL. 83.999	EL. 83.893	EL. 83.783	EL. 83.668	EL. 83.562

-I1Y1- GRADE DATA ALONG WBL GRADE POINT LINE

STA. 27+80 -I1Y1-	STA. 27+90 -I1Y1-	STA. 28+00 -I1Y1-	STA. 28+10 -I1Y1-	STA. 28+20 -I1Y1-	STA. 28+30 -I1Y1-	STA. 28+40 -I1Y1-	STA. 28+50 -I1Y1-	STA. 28+60 -I1Y1-	STA. 28+70 -I1Y1-	STA. 28+80 -I1Y1-	STA. 28+90 -I1Y1-	STA. 29+00 -I1Y1-
EL. 84.352	EL. 84.306	EL. 84.251	EL. 84.194	EL. 84.144	EL. 84.094	EL. 84.043	EL. 83.991	EL. 83.927	EL. 83.860	EL. 83.811	EL. 83.765	EL. 83.714

-I1Y1- GRADE DATA ALONG EBL GRADE POINT LINE

STA. 27+80 -I1Y1-	STA. 27+90 -I1Y1-	STA. 28+00 -I1Y1-	STA. 28+10 -I1Y1-	STA. 28+20 -I1Y1-	STA. 28+30 -I1Y1-	STA. 28+40 -I1Y1-	STA. 28+50 -I1Y1-	STA. 28+60 -I1Y1-	STA. 28+70 -I1Y1-	STA. 28+80 -I1Y1-	STA. 28+90 -I1Y1-	STA. 29+00 -I1Y1-
EL. 84.329	EL. 84.282	EL. 84.235	EL. 84.187	EL. 84.131	EL. 84.073	EL. 84.023	EL. 83.972	EL. 83.909	EL. 83.844	EL. 83.793	EL. 83.743	EL. 83.691

-I1Y1- GRADE DATA ALONG EXISTING EBL EDGE OF PAVEMENT

STA. 27+80 -I1Y1-	STA. 28+00 -I1Y1-	STA. 28+20 -I1Y1-	STA. 28+40 -I1Y1-	STA. 28+60 -I1Y1-	STA. 28+80 -I1Y1-	STA. 29+00 -I1Y1-
EL. 84.204	EL. 84.100	EL. 83.978	EL. 83.868	EL. 83.766	EL. 83.653	EL. 83.542

PROJECT NO. R-2552AA

WAKE-JOHNSTON COUNTY

STATION: POT 28+31.359 -I1Y1-
POC 22+59.308 -FLYLEREV-

SHEET 1 OF 5 BRIDGE NO. 1088

METRIC

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING FOR BRIDGE ON FLYOVER EAST (US 70 BYPASS) OVER EXISTING I-40 BETWEEN SR 1525 (CORNWALLIS ROAD) AND SR 2703 (NEW BETHEL ROAD)

Plans prepared by:
KO & ASSOCIATES, P.C.
Consulting Engineers
1011 SCHAUB DR., SUITE #202
RALEIGH, N.C. 27606
For Division of Highways

NORTH CAROLINA PROFESSIONAL SEAL 16323 ENGINEER MORRIS ISRAELNAN
01/28/05

NORTH CAROLINA PROFESSIONAL SEAL 15801 ENGINEER CHIN KUO KO
01/28/05

DWG. NO. 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-84
1			3			TOTAL SHEETS
2			4			429

Str. #3

DRAWN BY B.E. LANNING DATE JAN. 2005
CHECKED BY J.C. KO / A.K. ORR DATE JAN. 2005

PLOT: 01/27/2005 @2:52:15 PM Ko & Associates, P.C.
FILE NAME: n:\r2552aa_sd_gd_03a.dgn