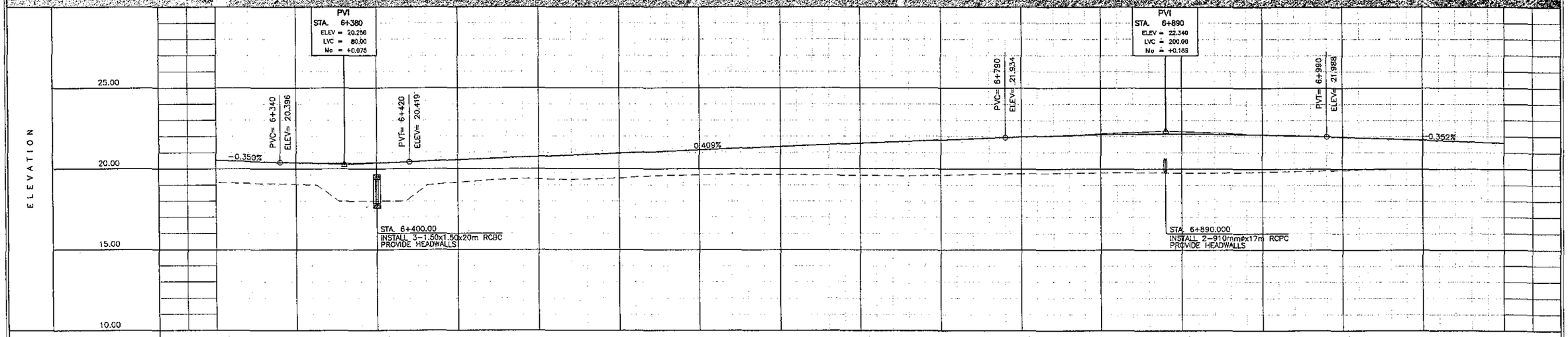
THE STUDY ON ROAD NETWORK IMPROVEMENT
FOR DEVELOPMENT OF REGIONAL GROWTH CENTERS

SCALE :	BACOLOD AIRPORT ACCESS ROAD	DRAWING NO.
HOR. 1:2500 VER. 1:250	PLAN AND PROFILE STA. 6+300 – STA. 7+100	R-9



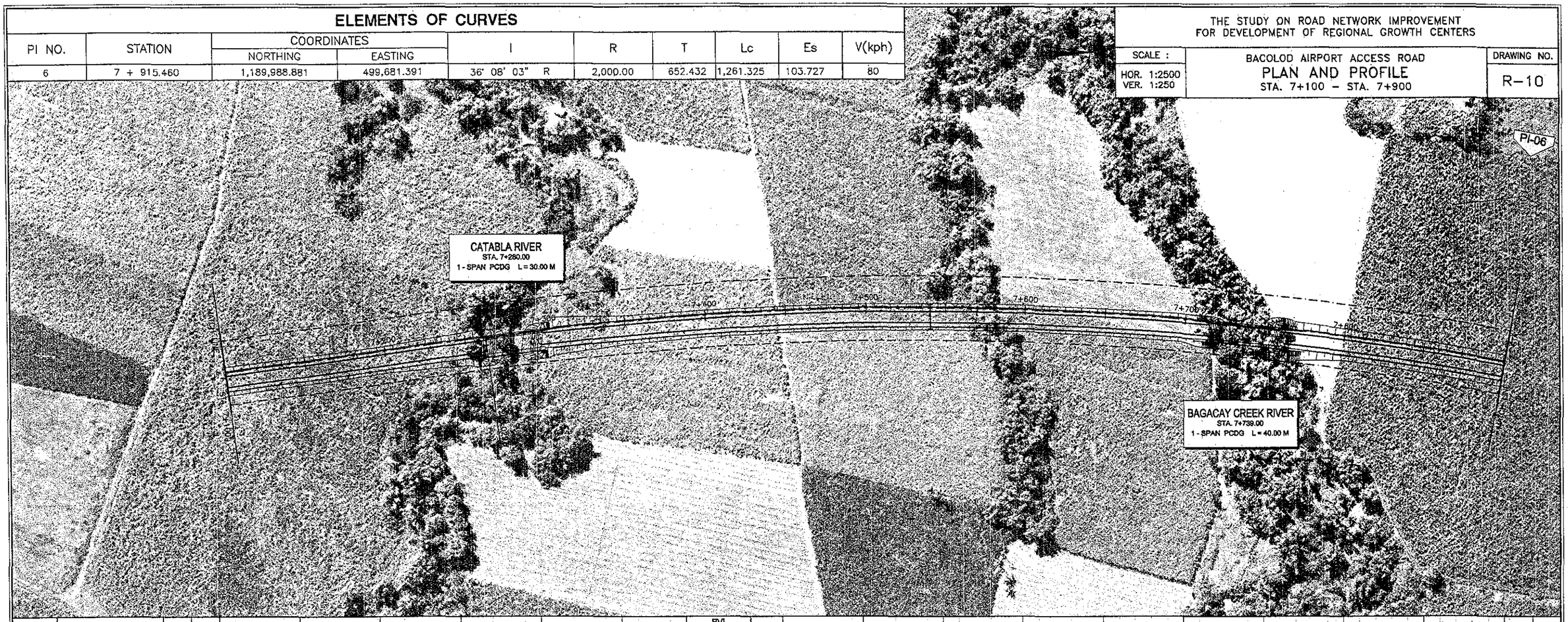
STATION	6+300	6+400	6+500	6+600	6+700	6+800	6+900	7+000	7+100
FINISHED GRADE	20.536	20.356	20.542	20.746	20.950	21.155	21.359	21.563	21.768	21.970	22.109	22.151	22.099	21.953	21.777	21.601
ORIGINAL GROUND	19.15	19.04	18.00	19.16	19.37	19.42	19.62	19.64	19.59	19.61	19.70	19.76	19.76	19.81	19.91	20.00	20.00
HORIZONTAL CURVATURE	R = ∞															
VERTICAL CURVATURE	g = +0.409 % L = 510.00 m												g = -0.352 % L = 520.00 m			

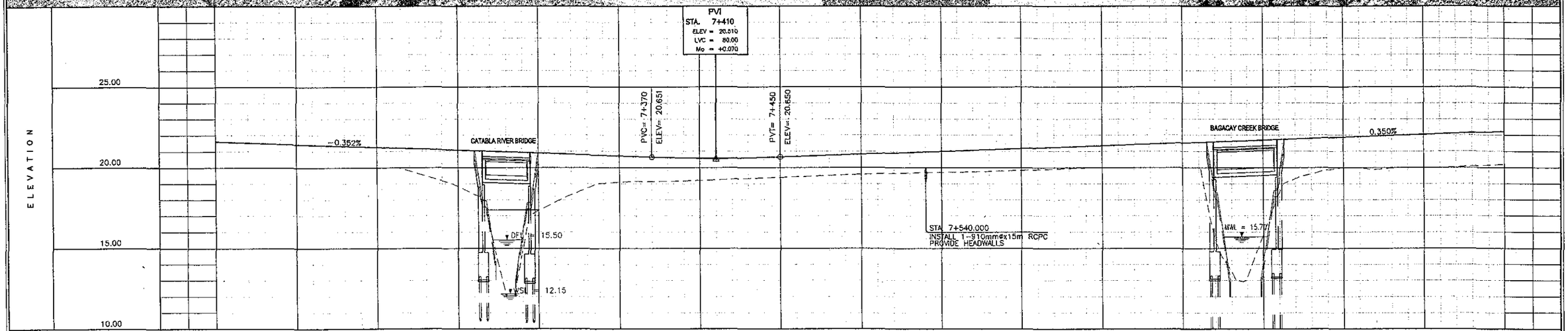
ELEMENTS OF CURVES

PI NO.	STATION	COORDINATES		I	R	T	Lc	Es	V(kph)
		NORTHING	EASTING						
6	7 + 915.460	1,189,988.881	499,681.391	36° 08' 03" R	2,000.00	652.432	1,261.325	103.727	80

THE STUDY ON ROAD NETWORK IMPROVEMENT
FOR DEVELOPMENT OF REGIONAL GROWTH CENTERS

SCALE :	BACOLOD AIRPORT ACCESS ROAD	DRAWING NO.
HOR. 1:2500 VER. 1:250	PLAN AND PROFILE STA. 7+100 – STA. 7+900	R–10





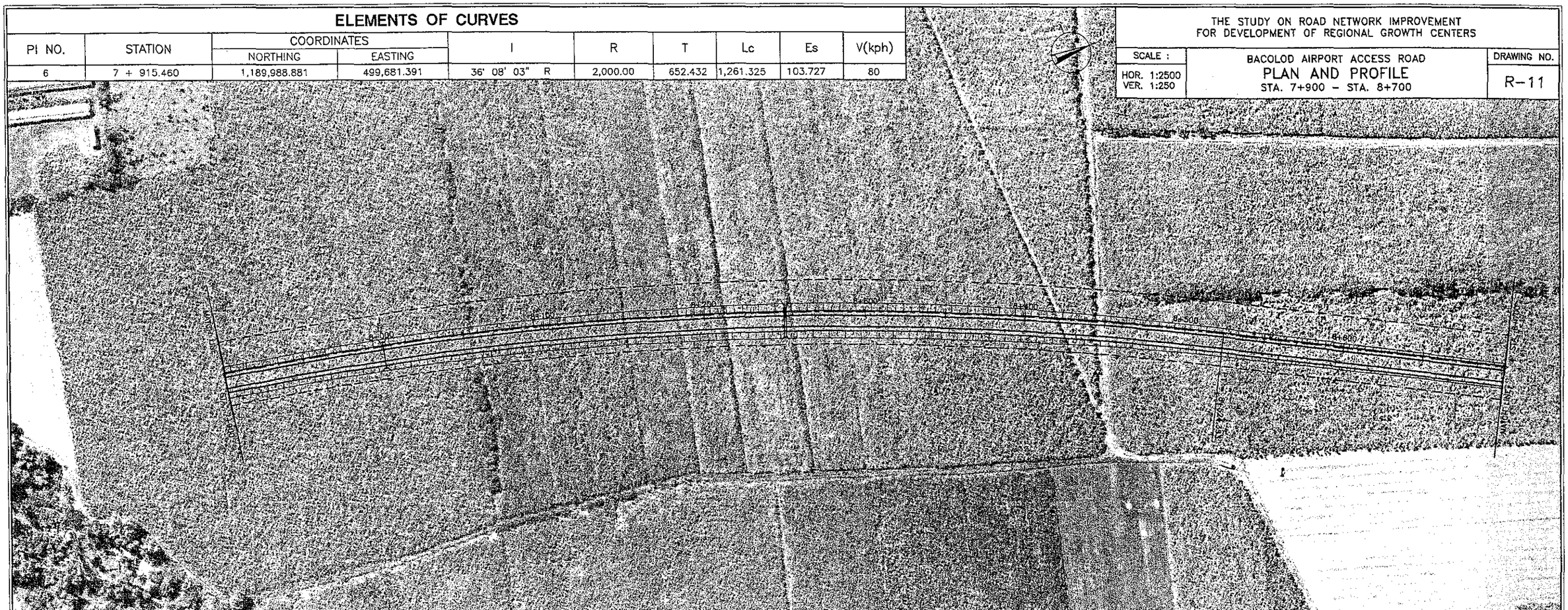
STATION	7+100	7+200	7+300	7+400	7+500	7+600	7+700	7+800	7+900
FINISHED GRADE	21.601	21.425	21.249	21.073	20.897	20.721	20.565	20.650	20.825	21.000	21.175	21.350	21.525	21.700	21.875	22.050	22.225
ORIGINAL GROUND	20.00	20.00	20.00	18.82	17.35	19.10	19.21	19.39	19.58	19.70	19.83	20.00	20.00	15.89	19.98	20.00	20.19
HORIZONTAL CURVATURE	R = μ — PI – 6																
VERTICAL CURVATURE	g = -0.352 % L = 520.00 m													g = +0.350 % L = 890.00 m			

ELEMENTS OF CURVES

PI NO.	STATION	COORDINATES		I	R	T	Lc	Es	V(kph)
		NORTHING	EASTING						
6	7 + 915.460	1,189,988.881	499,681.391	36° 08' 03" R	2,000.00	652.432	1,261.325	103.727	80

THE STUDY ON ROAD NETWORK IMPROVEMENT
FOR DEVELOPMENT OF REGIONAL GROWTH CENTERS

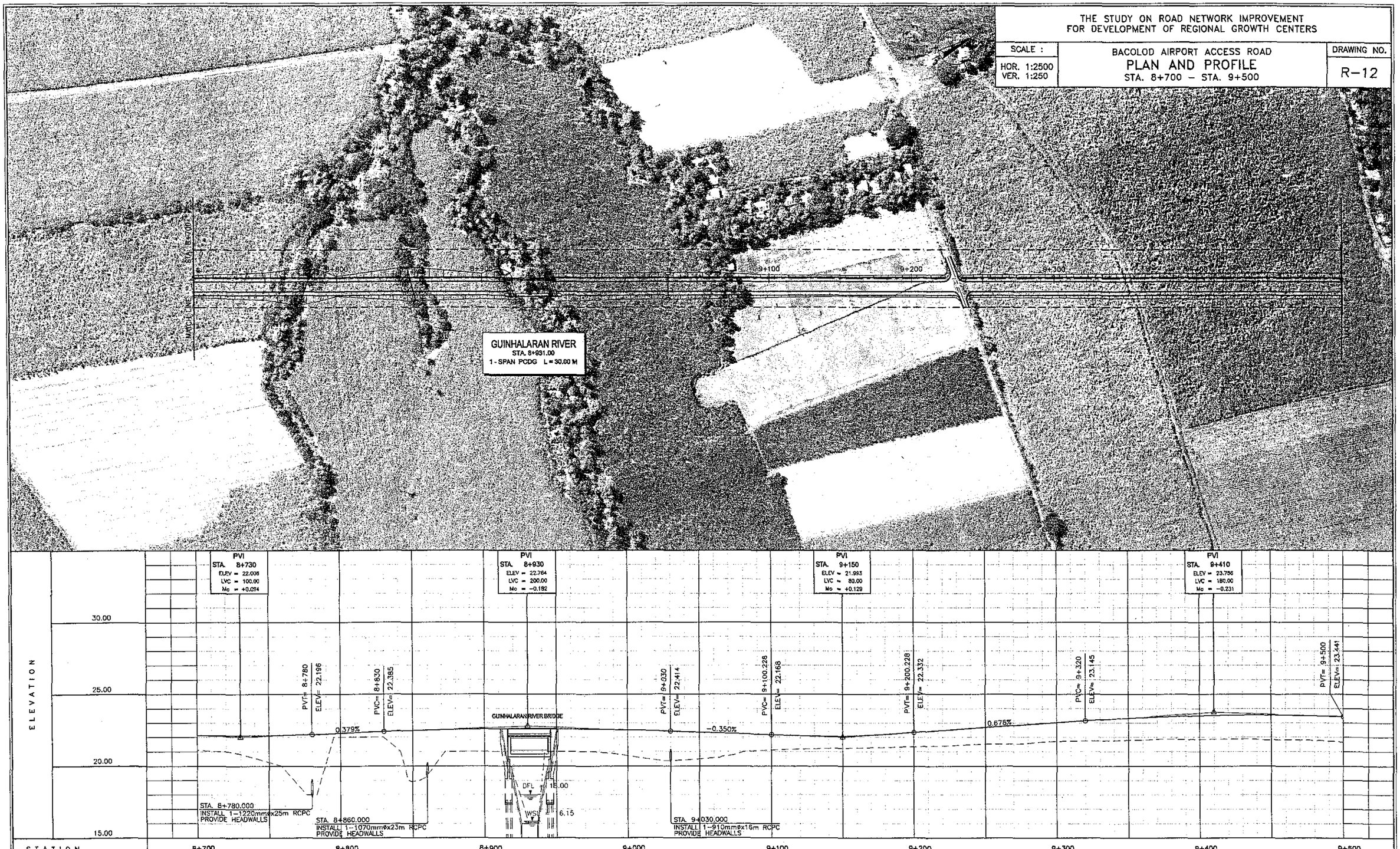
SCALE :	BACOLOD AIRPORT ACCESS ROAD PLAN AND PROFILE STA. 7+900 – STA. 8+700	DRAWING NO.
HOR. 1:2500 VER. 1:250		R-11



STATION	7+900	8+000	8+100	8+200	8+300	8+400	8+500	8+600	8+700
FINISHED GRADE	22.225	22.400	22.575	22.750	22.925	23.100	23.275	23.405	23.443	23.391	23.249	23.060	22.872	22.684	22.496	22.307	22.134
ORIGINAL GROUND	20.19	20.39	20.54	20.69	20.80	20.85	20.84	20.84	20.83	20.85	20.92	21.17	21.26	21.26	21.23	21.24	21.11
HORIZONTAL CURVATURE	R = 2000															R = μ	
VERTICAL CURVATURE	g = +0.350 % L = 890.00 m															g = -0.376 % L = 430.00 m	

THE STUDY ON ROAD NETWORK IMPROVEMENT
FOR DEVELOPMENT OF REGIONAL GROWTH CENTERS

SCALE :	BACOLOD AIRPORT ACCESS ROAD	DRAWING NO.
HOR. 1:2500 VER. 1:250	PLAN AND PROFILE STA. 8+700 – STA. 9+500	R–12



STATION	8+700	8+800	8+900	9+000	9+100	9+200	9+300	9+400	9+500
FINISHED GRADE	22.134	22.116	22.271	22.454	22.561	22.577	22.503	22.344	22.168	22.122	22.332	22.671	23.010	23.323	23.505	23.544	23.441
ORIGINAL GROUND	21.11	20.25	22.00	18.93	21.00	21.00	20.72	20.49	21.11	21.23	21.34	21.52	21.71	21.78	21.85	21.80	21.66
HORIZONTAL CURVATURE	$R = \infty$																
VERTICAL CURVATURE	g = −0.376 % L = 430.00 m		g = +0.379 % L = 200.00 m		g = −0.350 % L = 220.00 m		g = +0.678 % L = 260.00 m		g = −0.350 % L = 210.00 m								