

**WESTERN
COASTAL ROAD**

ELEMENTS OF CURVES

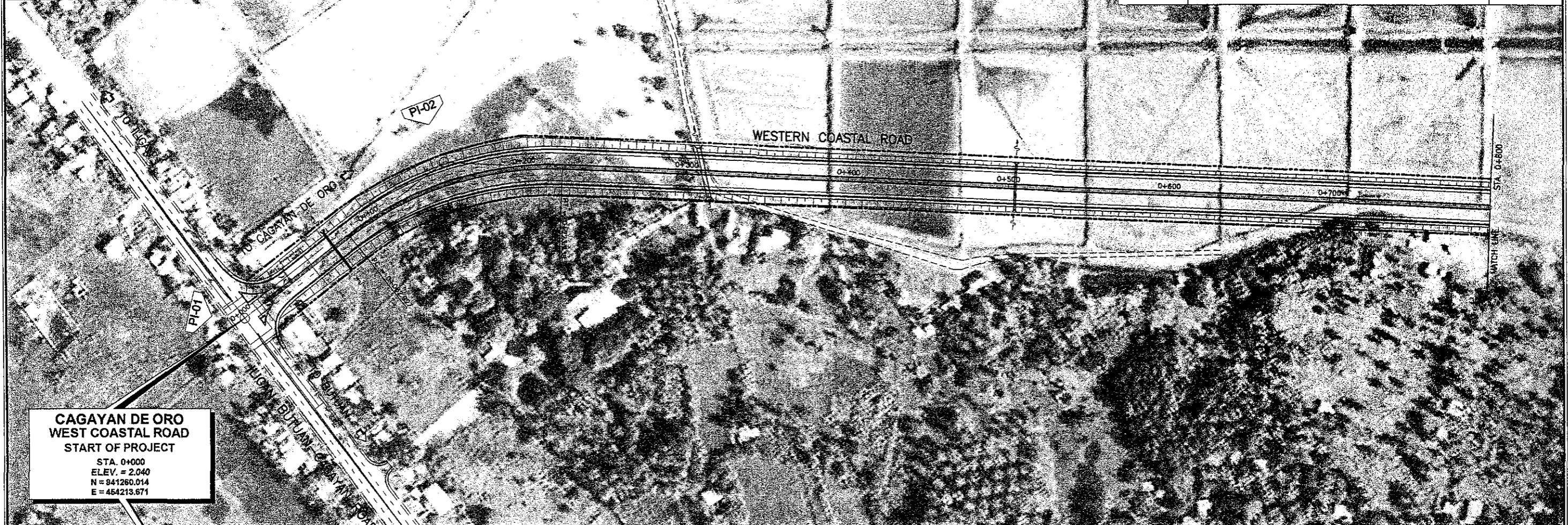
PI NO.	STATION	COORDINATES		I	R	T	Lc	Es	V(kph)
		NORTHING	EASTING						
1	0+000.000	941260.014	454213.671						
2	0+156.393	941375.347	454319.298	40°20'25"	200.00	73.47	140.81	13.07	60.00

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

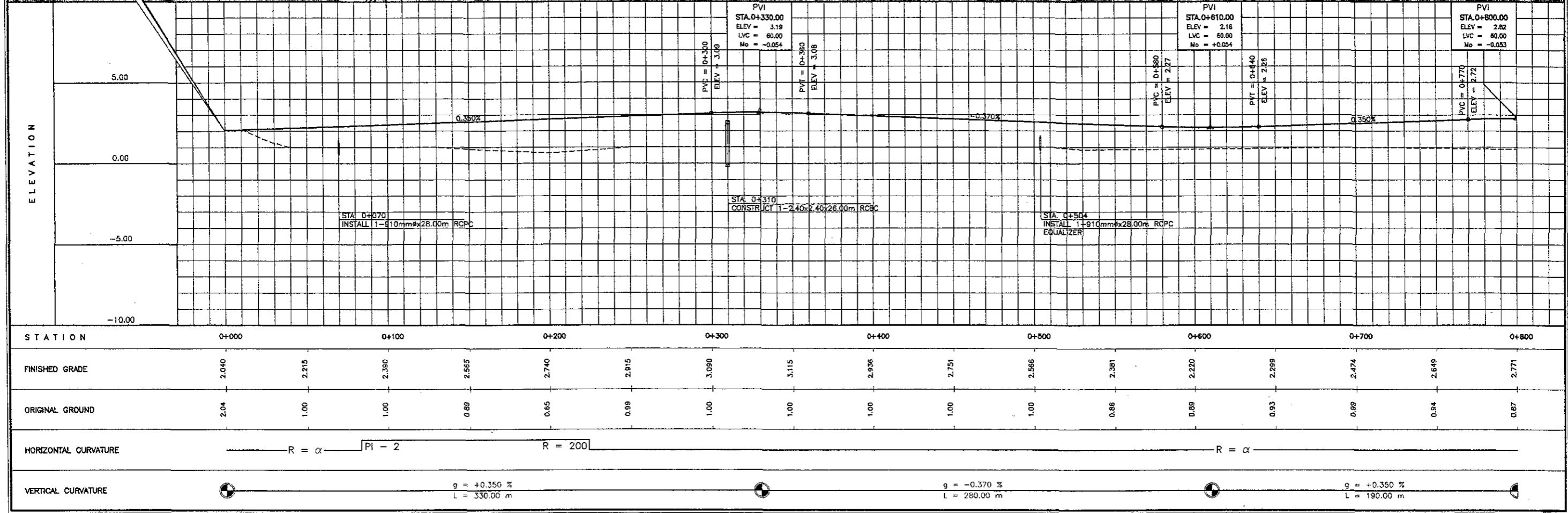
SCALE :
HOR. 1:2500
VER. 1:250

CAGAYAN DE ORO WESTERN COASTAL ROAD
PLAN AND PROFILE
STA. 0+000 - STA. 0+800

DRAWING NO.
R-1



**CAGAYAN DE ORO
WEST COASTAL ROAD
START OF PROJECT**
STA. 0+000
ELEV. = 2.040
N = 941260.014
E = 454213.671



ELEMENTS OF CURVES

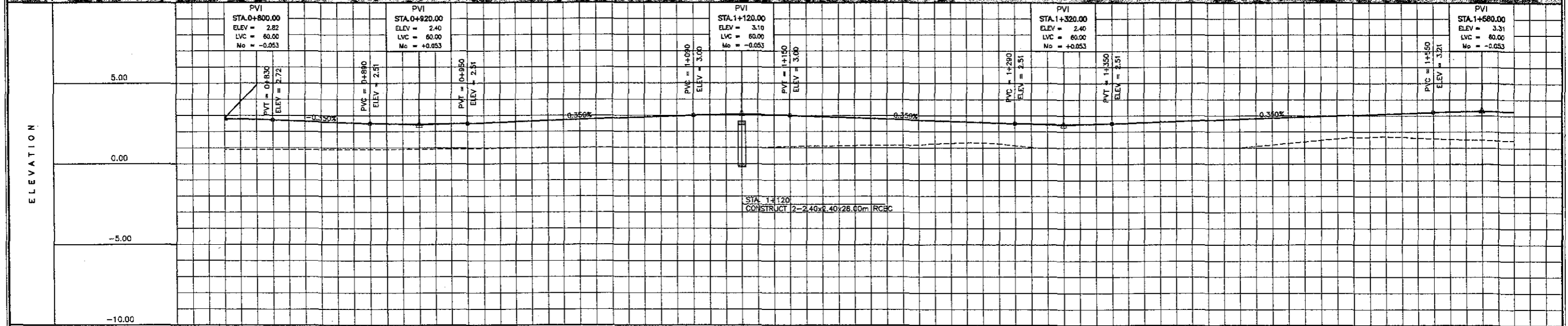
PI NO.	STATION	COORDINATES		I	R	T	Lc	Es	V(kph)
		NORTHING	EASTING						
3	0+886.325	941467.290	455049.585	6°25'31"	1500.00	84.19	168.21	2.36	60.00
4	1+204.601	941471.462	455368.010	10°59'48"	1000.00	96.26	191.93	4.62	60.00

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

SCALE :
HOR. 1:2500
VER. 1:250

CAGAYAN DE ORO WESTERN COASTAL ROAD
PLAN AND PROFILE
STA. 0+800 - STA. 1+600

DRAWING NO.
R-2



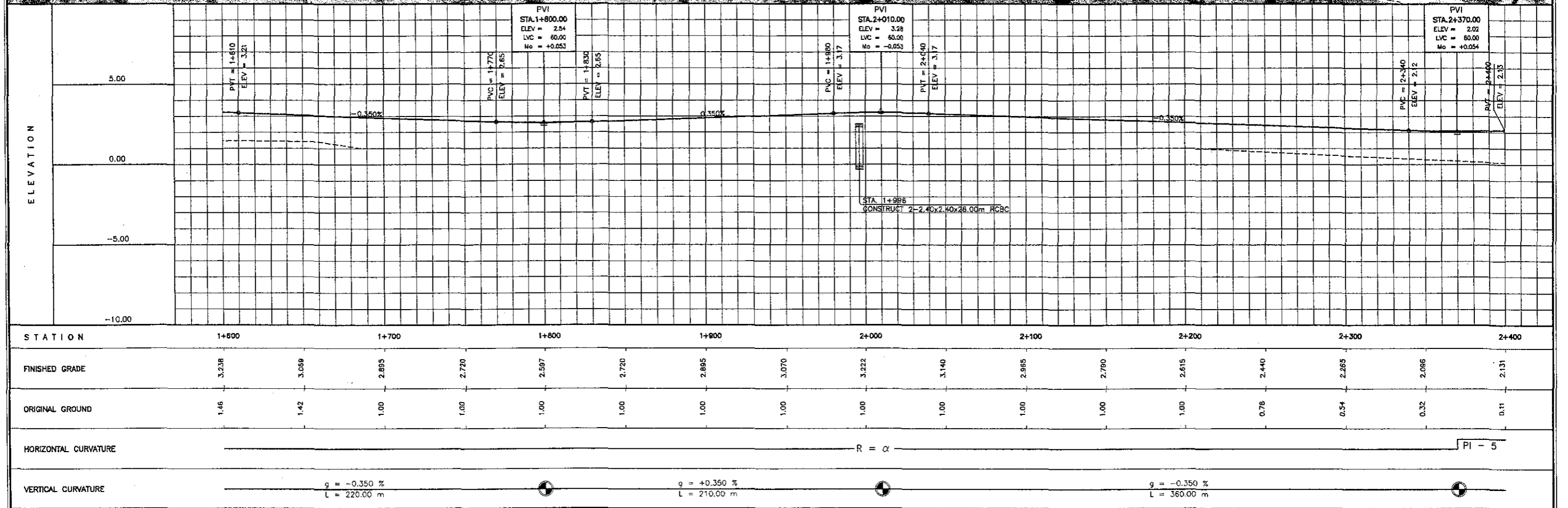
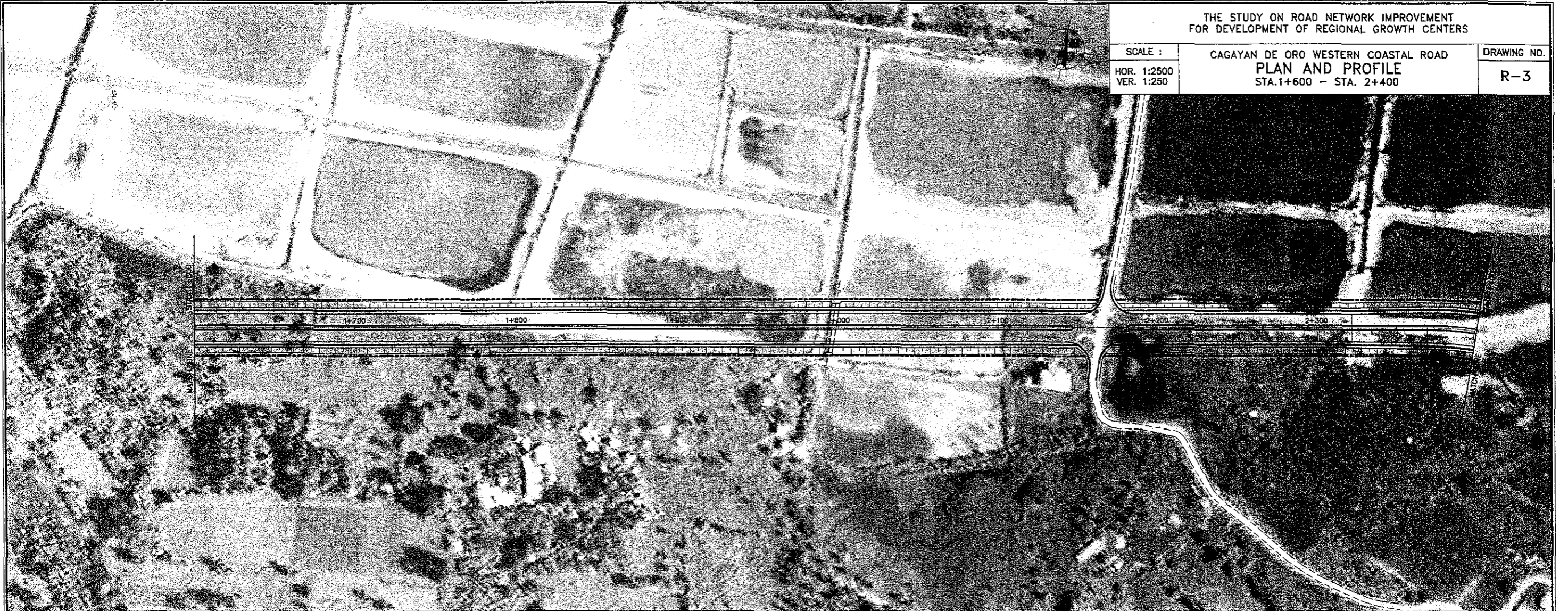
STATION	0+800	0+900	1+000	1+100	1+200	1+300	1+400	1+500	1+600									
FINISHED GRADE	2.771	2.849	2.480	2.509	2.884	2.850	3.028	2.989	2.824	2.849	2.480	2.509	2.684	2.859	3.034	3.209	3.238	
ORIGINAL GROUND	0.87	0.89	0.90	0.94	0.99	1.00	1.00	1.08	1.15	1.27	1.05	1.00	1.00	1.20	1.64	1.58	1.46	
HORIZONTAL CURVATURE	PI - 3		R = 1500		R = ∞		PI - 4		R = 1000		R = ∞							
VERTICAL CURVATURE	g = -0.350 % L = 120.00 m		g = +0.350 % L = 200.00 m		g = -0.350 % L = 200.00 m		g = +0.350 % L = 260.00 m											

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

SCALE :
HOR. 1:2500
VER. 1:250

CAGAYAN DE ORO WESTERN COASTAL ROAD
PLAN AND PROFILE
STA. 1+600 - STA. 2+400

DRAWING NO.
R-3



ELEMENTS OF CURVES

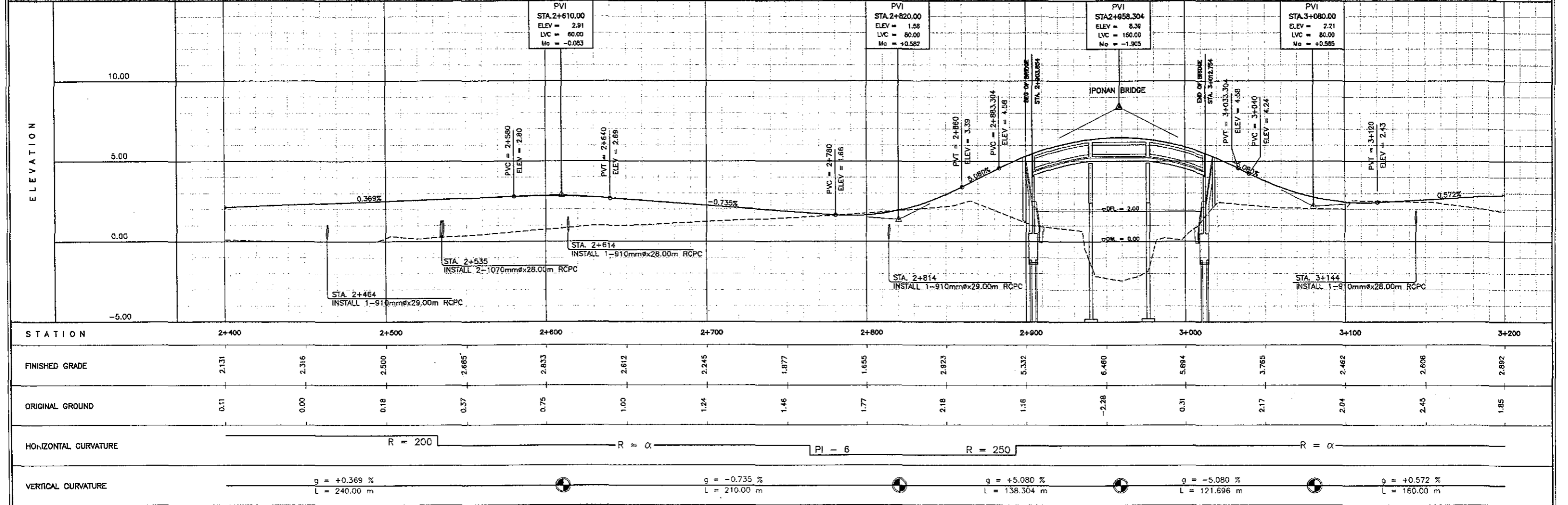
PI NO.	STATION	COORDINATES		I	R	T	Lc	Es	V(kph)
		NORTHING	EASTING						
5	2+455.077	941726.170	456592.874	46°25'23"	200.00	85.77	162.05	17.61	60.00
6	2+829.714	941507.627	456908.773	29°38'51"	250.00	66.16	129.36	8.61	60.00

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

SCALE :
HOR. 1:2500
VER. 1:250

CAGAYAN DE ORO WESTERN COASTAL ROAD
PLAN AND PROFILE
STA. 2+400 - STA. 3+200

DRAWING NO.
R-4



ELEMENTS OF CURVES

PI NO.	STATION	COORDINATES		I	R	T	Lc	Es	V(kph)
		NORTHING	EASTING						
7	3+521.269	941446.752	457600.621	6°35'45"	1000.00	57.62	115.12	1.66	60.00

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

SCALE :	CAGAYAN DE ORO WESTERN COASTAL ROAD PLAN AND PROFILE STA.3+200 - STA. 4+000	DRAWING NO. R-5
HOR. 1:2500 VER. 1:250		

