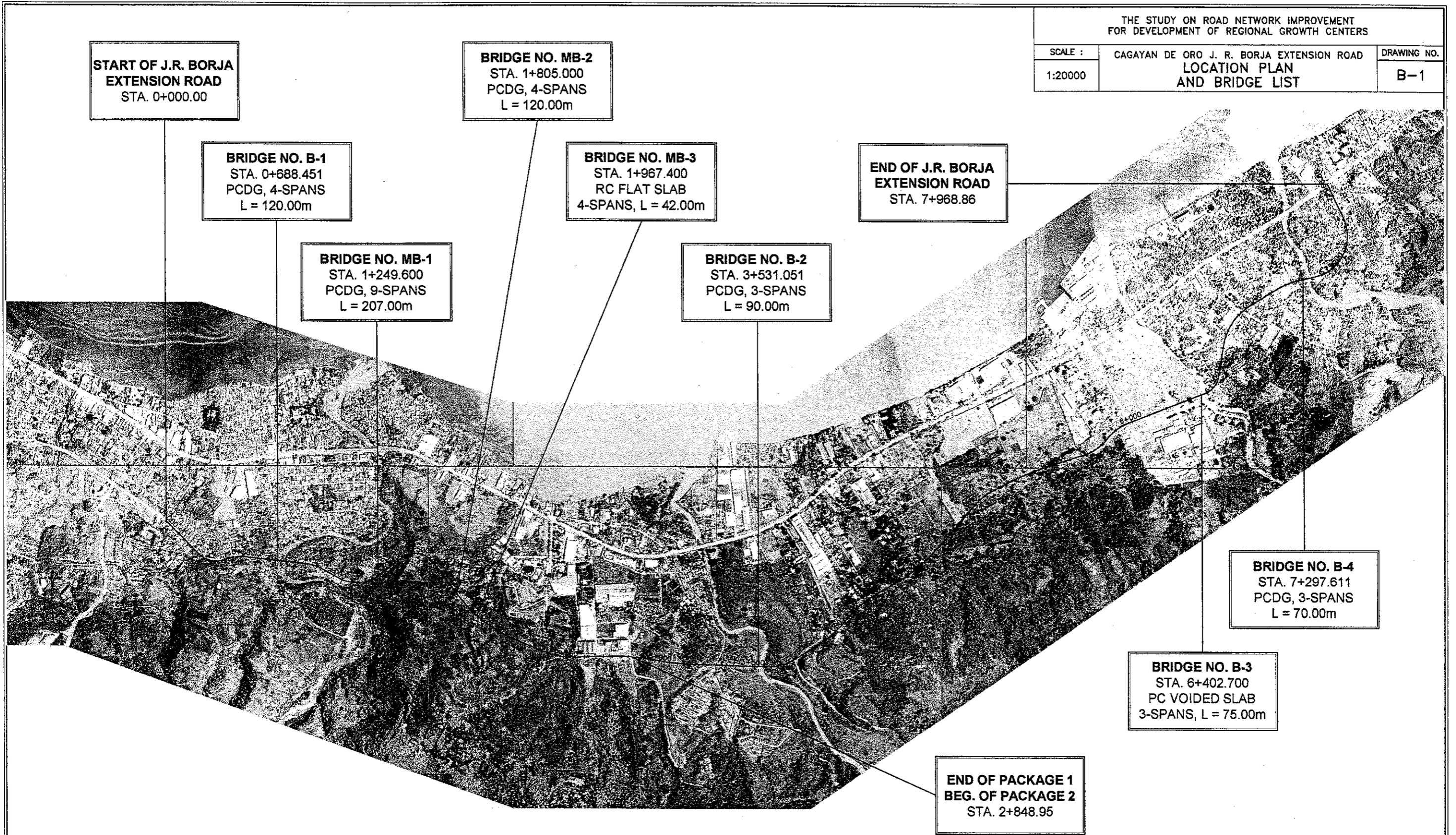


SCALE :
1:20000

CAGAYAN DE ORO J. R. BORJA EXTENSION ROAD
LOCATION PLAN
AND BRIDGE LIST

DRAWING NO.
B-1



**START OF J.R. BORJA
EXTENSION ROAD**
STA. 0+000.00

BRIDGE NO. B-1
STA. 0+688.451
PCDG, 4-SPANS
L = 120.00m

BRIDGE NO. MB-1
STA. 1+249.600
PCDG, 9-SPANS
L = 207.00m

BRIDGE NO. MB-2
STA. 1+805.000
PCDG, 4-SPANS
L = 120.00m

BRIDGE NO. MB-3
STA. 1+967.400
RC FLAT SLAB
4-SPANS, L = 42.00m

BRIDGE NO. B-2
STA. 3+531.051
PCDG, 3-SPANS
L = 90.00m

**END OF J.R. BORJA
EXTENSION ROAD**
STA. 7+968.86

BRIDGE NO. B-4
STA. 7+297.611
PCDG, 3-SPANS
L = 70.00m

BRIDGE NO. B-3
STA. 6+402.700
PC VOIDED SLAB
3-SPANS, L = 75.00m

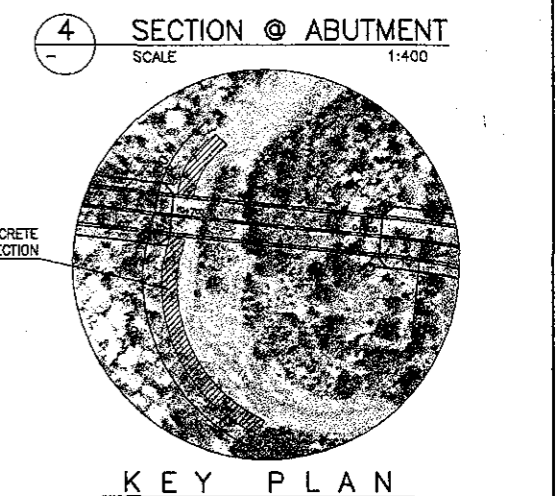
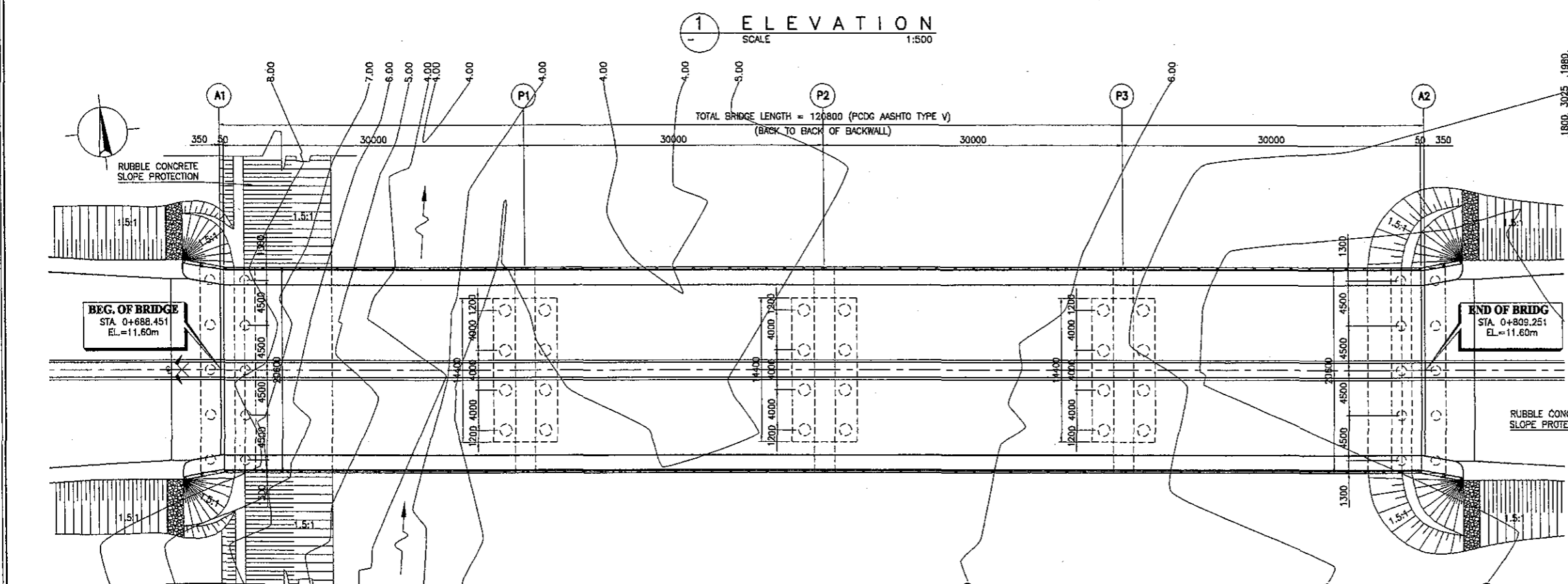
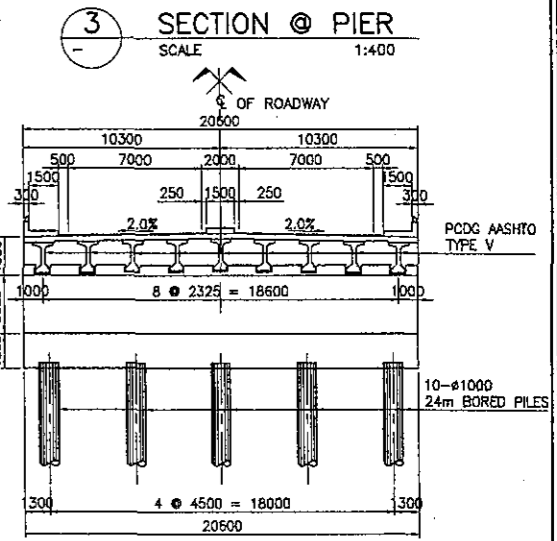
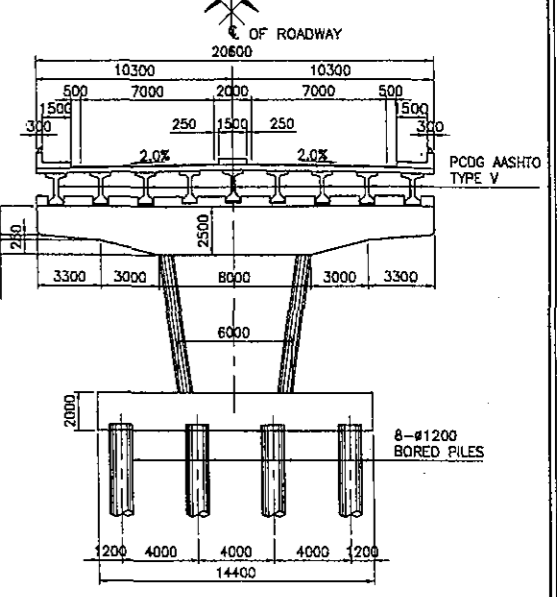
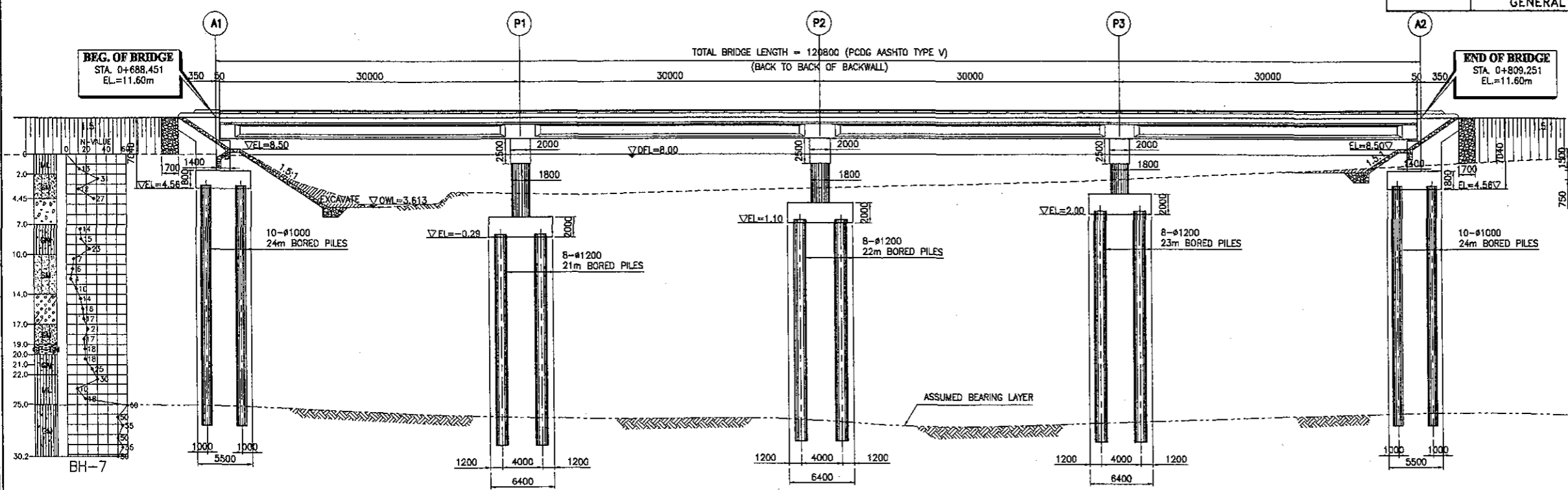
**END OF PACKAGE 1
BEG. OF PACKAGE 2**
STA. 2+848.95

BRIDGE NO.	STATION		RIVER NAME	RIVER HYDRAULICS			PROPOSED BRIDGE				
	BEGINNING	END		ELEV. DFL	Q (cms) (50 yrs)	VELOCITY m/s	NO. OF SPAN	SPAN LENGTH (m)	BRIDGE LENGTH (m)	SKEW (deg.)	SUPERSTRUCTURE TYPE
B-1	STA. 0+688.451	STA. 0+809.251	BIGAN RIVER	8.00	277	1.24	4	30+30+30+30	120.00	-	PCDG, AASHTO TYPE V
B-2	STA. 3+531.051	STA. 3+621.851	CUGMAN RIVER	4.80	316	3.36	3	30+30+30	90.00	-	PCDG, AASHTO TYPE V
B-3	STA. 6+402.700	STA. 6+478.500	UMALAG RIVER	4.00	125	1.64	3	25+25+25	75.00	-	PC VOIDED SLAB
B-4	STA. 7+297.611	STA. 7+368.411	AGUSAN RIVER	3.80	301	2.80	3	22+26+22	70.00	-	PCDG, AASHTO TYPE IV-B
MB-1	STA. 1+249.600	STA. 1+457.40	-	-	-	-	9	2-3@25+3@19	207.00	-	PCDG, AASHTO TYPE IV-B
MB-2	STA. 1+805.000	STA. 1+925.800	-	-	-	-	4	30+30+30+30	120.00	-	PCDG, AASHTO TYPE V
MB-3	-	-	-	-	-	-	4	9+12+12+9	42.00	-	RC FLAT SLAB

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

SCALE : CAGAYAN DE ORO J.R. BORJA EXTENSION ROAD
AS SHOWN BRIDGE NO. B-1 (BIGAAN RIVER)
GENERAL PLAN, ELEVATIONS AND SECTIONS
DRAWING NO. B-2
STA. 0+688.451

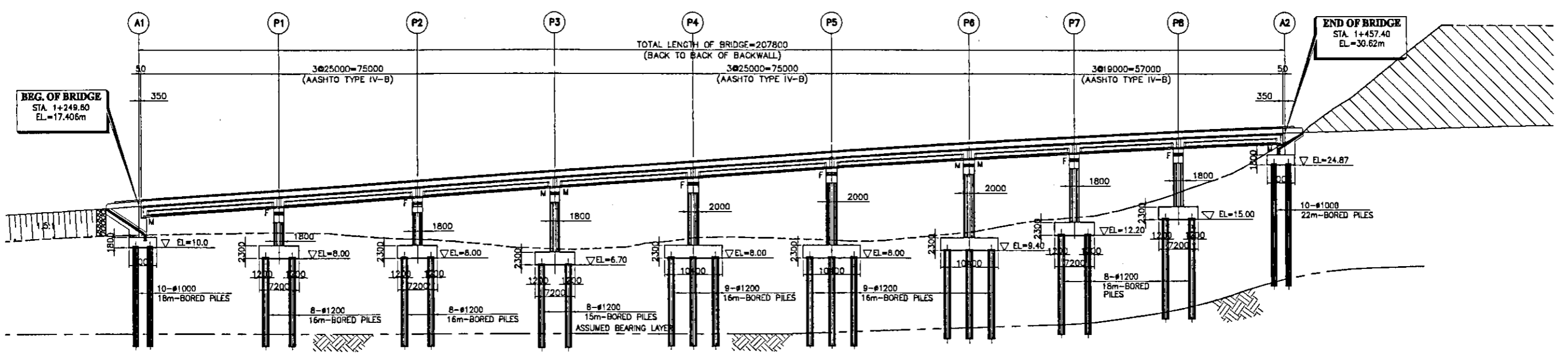
G(50) 277.0 mps
V 1.24 mpa



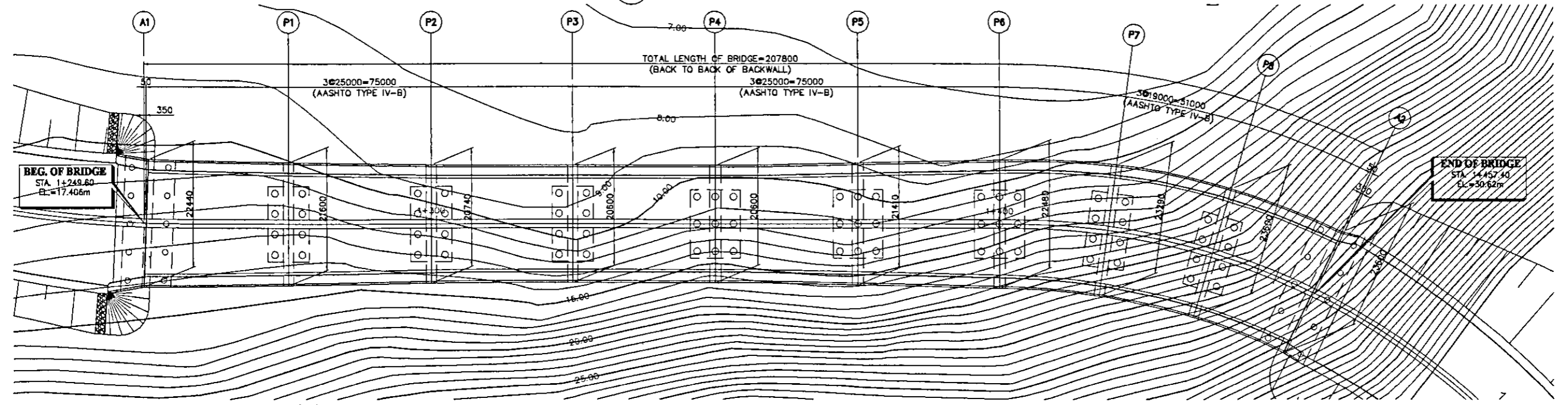
SUMMARY OF ESTIMATED QUANTITIES

ITEM No.	DESCRIPTION	UNIT	QUANTITY
103(2)	BRIDGE EXCAVATION, COMMON, ABOVE OWL	m ³	800.00
103(2)b	BRIDGE EXCAVATION, COMMON, BELOW OWL	m ³	3,337.00
104(1)c	SELECTED BORROW FOR BACKFILLING	m ³	422.00
311(2)	PCC PAVEMENT (REINFORCED) FOR APPROACH SLAB, t = 300mm	m ²	179.00
400(16)a	CAST-IN-PLACE CONCRETE BORED PILES, #1000mm	m	480.00
400(16)b	CAST-IN-PLACE CONCRETE BORED PILES, #1200mm	m	528.00
401	CONCRETE RAILINGS	m	240.00
404(1)	REINFORCING STEEL, GRADE 40 (fy=275MPa)	kg	7,661.00

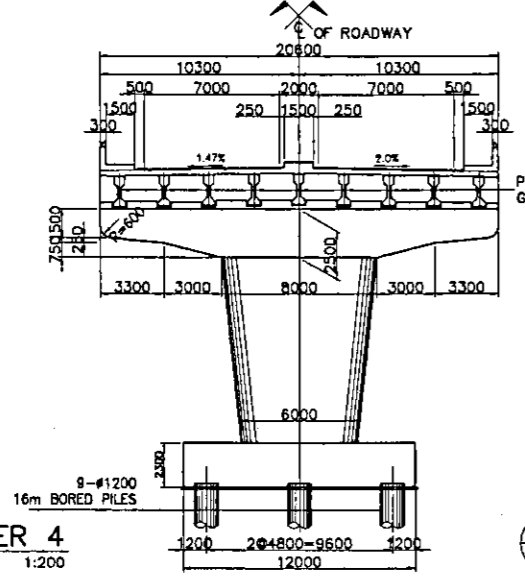
404(2)	REINFORCING STEEL, GRADE 60 (fy=415MPa)	kg	536,859.00
405(1)	STRUCTURAL CONCRETE CLASS "A1" FOR SUBSTRUCTURE (fc' = 24MPa)	m ³	1,734.00
405(2)	STRUCTURAL CONCRETE CLASS "A2" FOR SUPERSTRUCTURE (fc' = 24MPa)	m ³	1,016.00
405(3)	STRUCTURAL CONCRETE CLASS "A3" FOR OTHERS (fc' = 21MPa)	m ³	55.00
405(6)	STRUCTURAL CONCRETE "LEAN CONCRETE" (fc' = 17MPa)	m ³	53.00
406(1)g	PRESTRESSED CONCRETE GIRDER, AASHTO TYPE V, L=30m	ea	36.00
407(1)c	ELASTOMERIC BEARING PAD, 650 x 400 x 60 (DURO 60)	ea	18.00
407(2)b	EXPANSION JOINT, MULTIPLEX M100(± 50mm MOVEMENT)	m	34.00
407(4)	METAL DRAIN (#150mm G.I. DRAIN PIPE)	m	68.00
504(5)	GROUTED RIPRAP SLOPE PROTECTION	m ³	27.00
506	LOOSE BOULDER APRON (HAND LAID ROCKS #300mm min., S.G.=2.65)	m ³	429.00
510	RUBBLE CONCRETE SLOPE PROTECTION, t=350mm	m ²	1,155.00



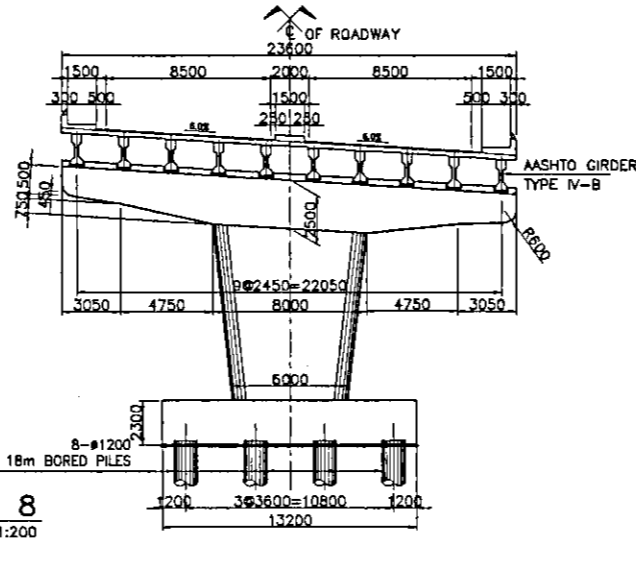
1 ELEVATION
SCALE 1:400



2 PLAN
SCALE 1:400



3 SECTION @ PIER 4
SCALE 1:200



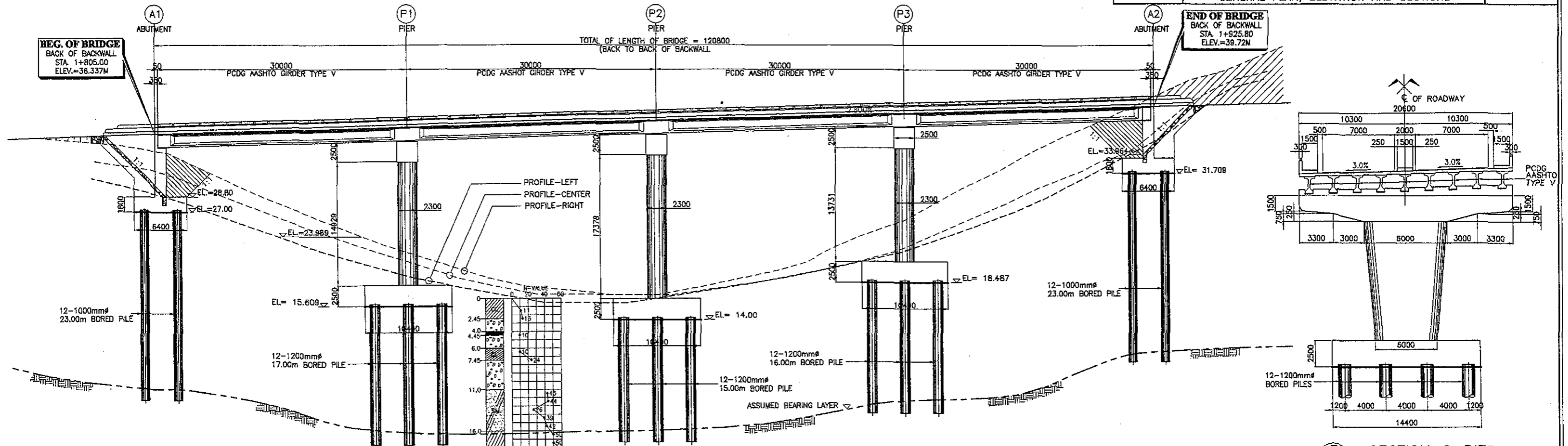
4 SECTION @ PIER 8
SCALE 1:200

SUMMARY OF ESTIMATED QUANTITIES

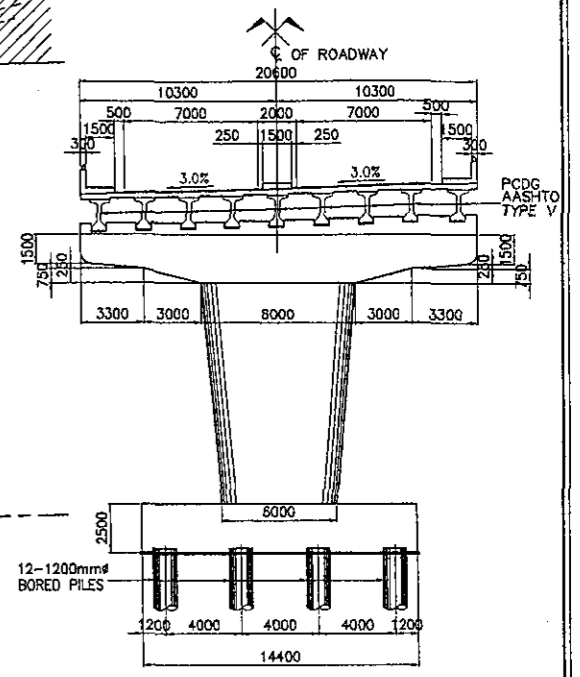
ITEM No.	DESCRIPTION	UNIT	QUANTITY
103(2)a	BRIDGE EXCAVATION, COMMON, BELOW OWL	m ³	4755.00
104(1)c	SELECTED BORROW FOR BACKFILLING	m ³	279.00
311(2)	PCC PAVEMENT (REINFORCED) FOR APPROACH SLAB, t = 300mm	m ³	182.00
400(16)a	CAST-IN-PLACE CONCRETE BORED PILES, #1000mm	m	400.00
400(16)b	CAST-IN-PLACE CONCRETE BORED PILES, #1200mm	m	1096.00
401	CONCRETE RAILINGS	m	414.00
404(1)	REINFORCING STEEL, GRADE 40 (f _y = 275MPa)	kg	13215.00
404(2)	REINFORCING STEEL, GRADE 60 (f _y = 415MPa)	kg	1564589.00
405(1)	STRUCTURAL CONCRETE CLASS "A1" FOR SUBSTRUCTURE (f _c ' = 24MPa)	m ³	5068.00
405(2)	STRUCTURAL CONCRETE CLASS "A2" FOR SUPERSTRUCTURE (f _c ' = 24MPa)	m ³	1703.00
405(3)	STRUCTURAL CONCRETE CLASS "A3" FOR OTHERS (f _c ' = 21MPa)	m ³	94.00
405(6)	STRUCTURAL CONCRETE "LEAN CONCRETE" (f _c ' = 17MPa)	m ³	230.00
406(1)c	PRESTRESSED CONCRETE GIRDER, AASHTO TYPE IV-B, L = 25m	ea	54.00
406(1)m	PRESTRESSED CONCRETE GIRDER, AASHTO TYPE IV-B, L = 19m	ea	30.00
407(1)a	ELASTOMERIC BEARING PAD, 400 x 350 x 60 (DURO 60)	ea	20.00
407(1)b	ELASTOMERIC BEARING PAD, 500 x 350 x 60 (DURO 60)	ea	36.00
407(2)b	EXPANSION JOINT, MULTIPLEX M100 (± 50mm MOVEMENT)	m	74.00
407(4)	METAL DRAIN (#150mm G.I. DRAIN PIPE)	m	162.00
504(5)	GROUTED RIPRAP SLOPE PROTECTION	m ³	147.00

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

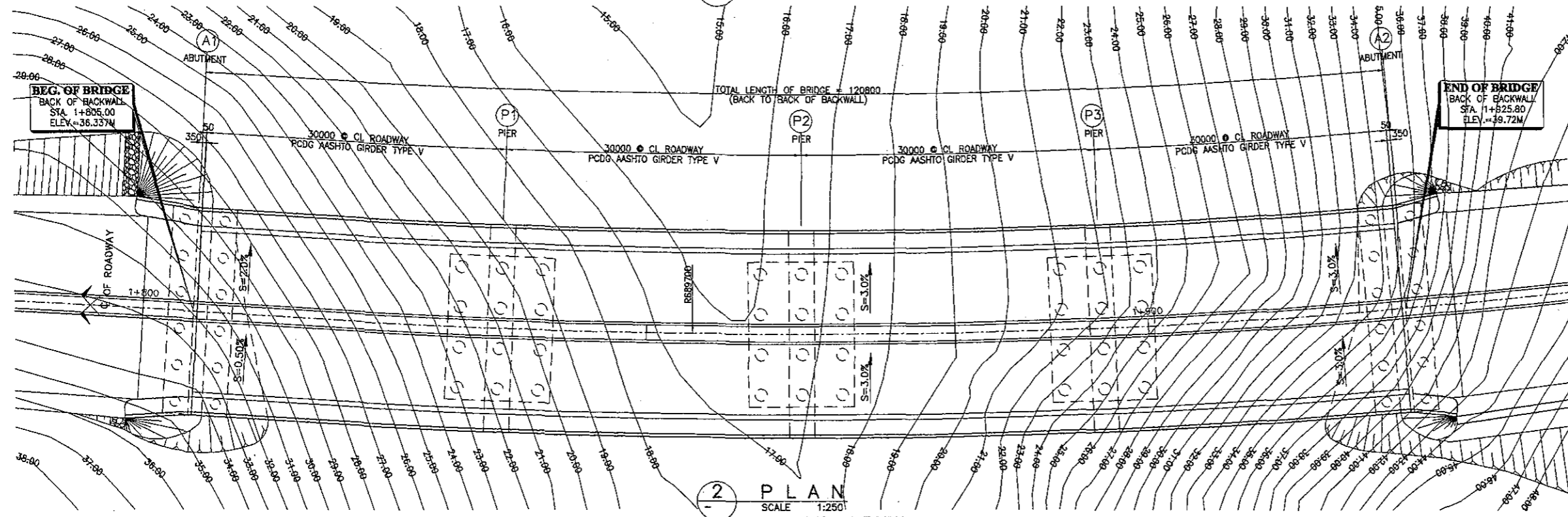
SCALE : AS SHOWN
CAGAYAN DE ORO J.R. BORJA EXTENSION ROAD
BRIDGE NO. MB-2 (VIADUCT)
STA. 1+805.00
GENERAL PLAN, ELEVATION AND SECTIONS
DRAWING NO. **B-4**



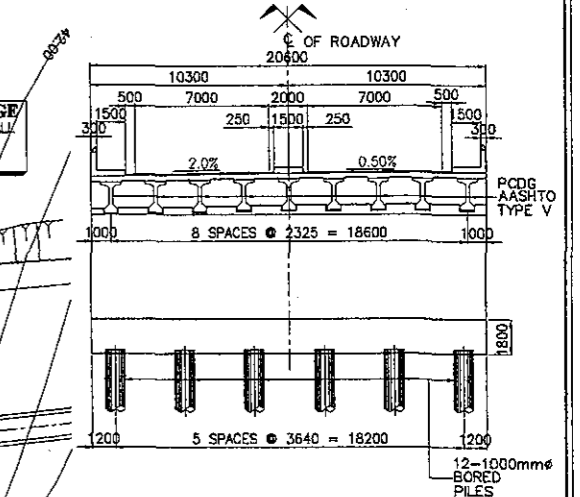
1 ELEVATION
SCALE 1:250



3 SECTION @ PIER
SCALE 1:200



2 PLAN
SCALE 1:250



4 SECTION @ ABUTMENT
SCALE 1:200

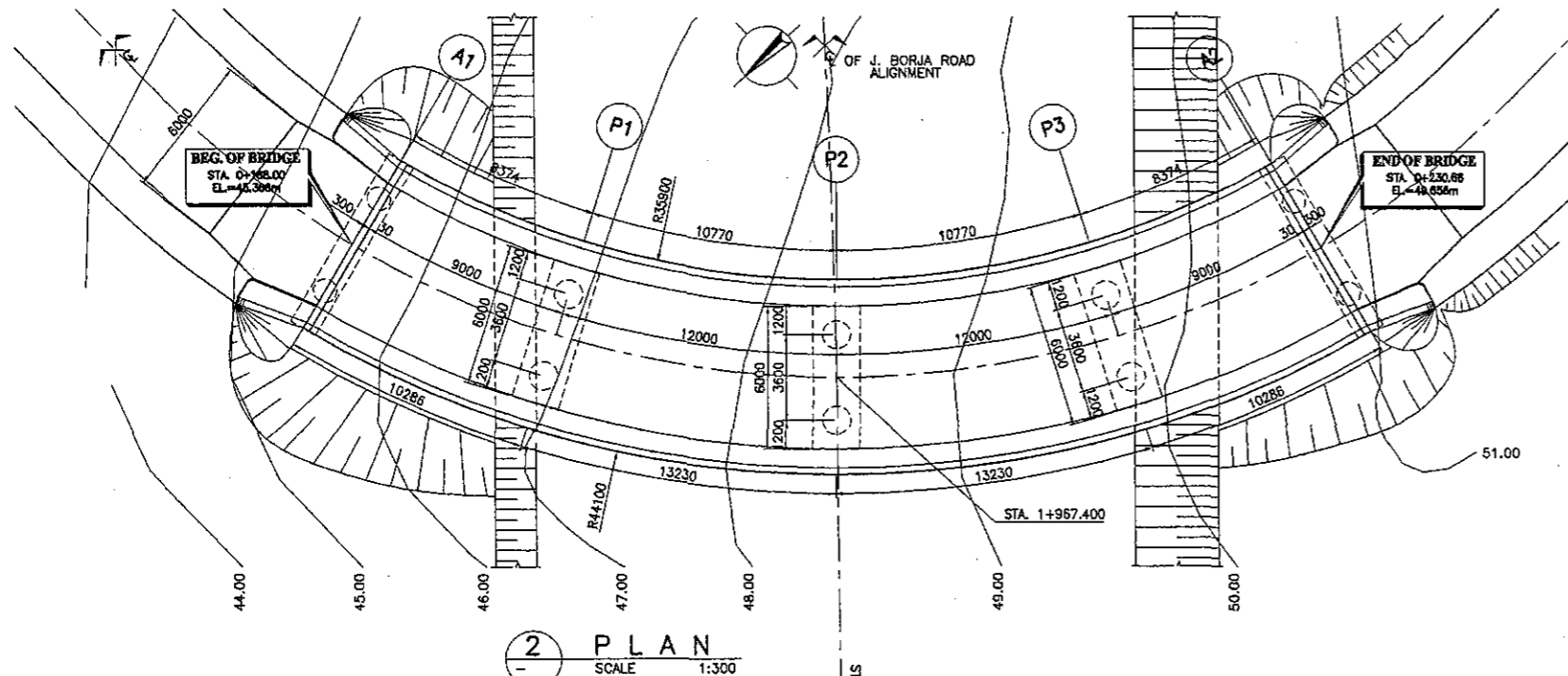
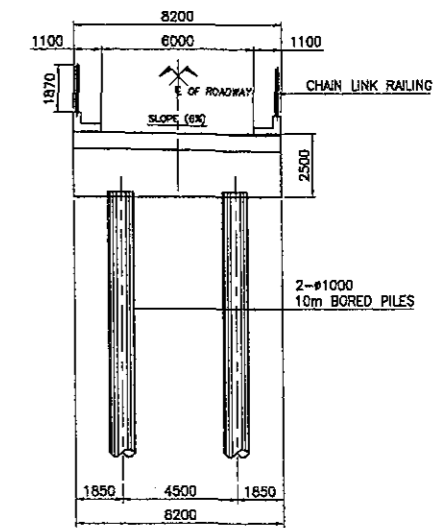
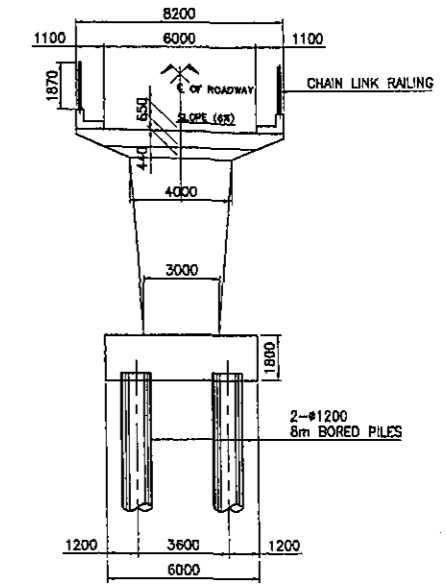
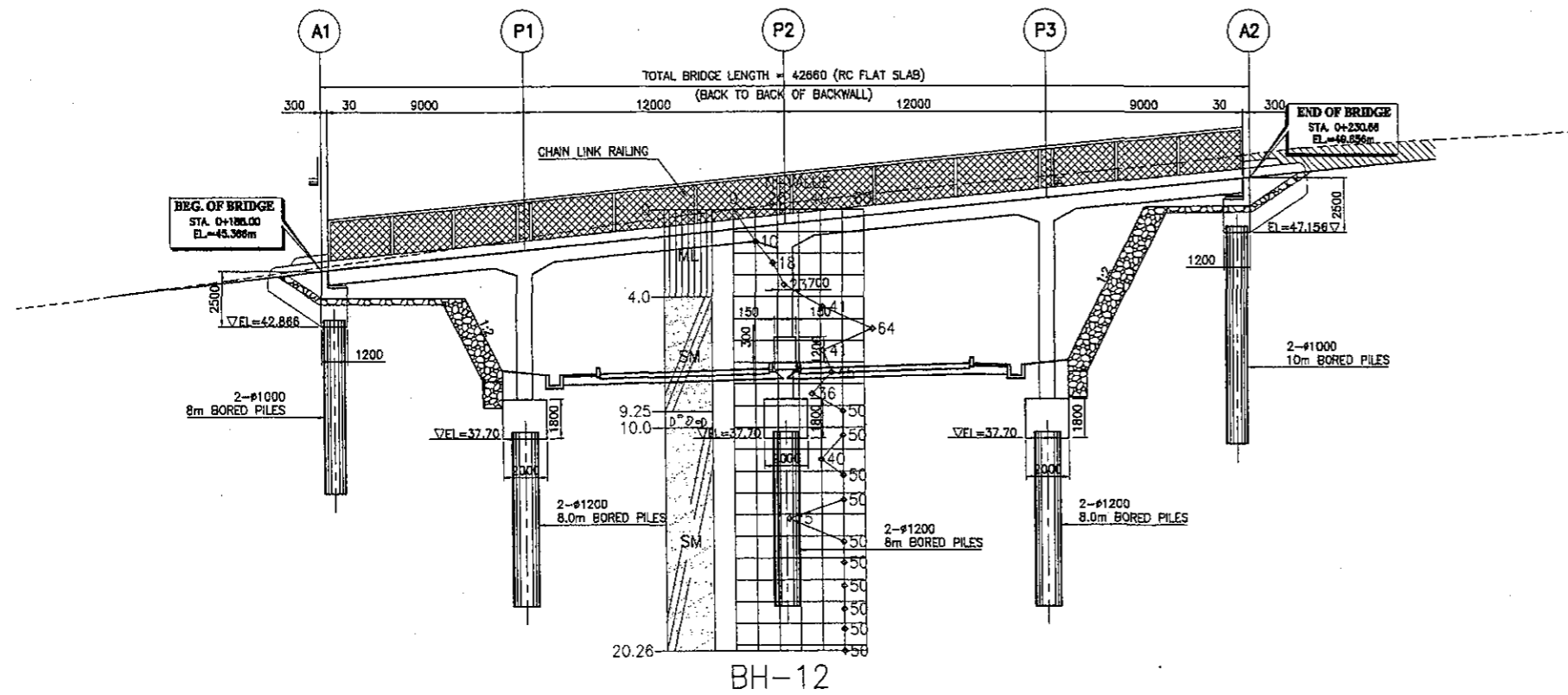
SUMMARY OF ESTIMATED QUANTITIES

ITEM No.	DESCRIPTION	UNIT	QUANTITY
103(2)a	BRIDGE EXCAVATION, COMMON, ABOVE OWL	cu.m.	3438.00
103(2)b	BRIDGE EXCAVATION, COMMON, BELOW OWL	cu.m.	-
104(1)c	SELECTED BORROW FOR BACKFILLING	cu.m.	148.00
311(2)	PCC PAVEMENT (REINFORCED) FOR APPROACH SLAB, t = 300mm	sq.m.	179.00
400(16)a	CAST-IN-PLACE CONCRETE BORED PILES, #1000mm	m	552.00
400(16)b	CAST-IN-PLACE CONCRETE BORED PILES, #1200mm	m	-
400(16)c	CAST-IN-PLACE CONCRETE BORED PILES, #1500mm	m	576.00
401	CONCRETE RAILINGS	m	240.00
404(1)	REINFORCING STEEL, GRADE 40(fy = 275MPa)	kg	7661.00

404(2)	REINFORCING STEEL, GRADE 60(fy = 415MPa)	kg	1106727.00
404(3)	PRESTRESSING STEEL, GRADE 270(Fu = 1860MPa)	kg	-
405(1)	STRUCTURAL CONCRETE CLASS "A1" FOR SUBSTRUCTURE (fc' = 24MPa)	cu.m.	3691.00
405(2)	STRUCTURAL CONCRETE CLASS "A2" FOR SUPERSTRUCTURE (fc' = 24MPa)	cu.m.	1016.00
405(3)	STRUCTURAL CONCRETE CLASS "A3" FOR OTHERS (fc' = 21MPa)	cu.m.	65.00
405(6)	STRUCTURAL CONCRETE "LEAN CONCRETE" (fc' = 17MPa)	cu.m.	75.00
406(1)g	PRESTRESSED CONCRETE GIRDER, AASHTO TYPE V, L=30.00M	ea	36.00
407(1)e	ELASTOMERIC BEARING PAD, 600 x 400 x 60 (DURO 60)	ea	18.00
407(1)b	EXPANSION JOINT, (±50mm MOVEMENT)	m	34.00
407(4)	METAL DRAIN (#150mm G.I. DRAIN PIPE)	m	68.00
504(5)	GROUTED RIPRAP SLOPE PROTECTION	cu.m.	320.00

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

SCALE :	CAGAYAN DE ORO J.R. BORJA EXTENSION ROAD BRIDGE NO. MB-3 (ECO BRIDGE) STA. 1+967.400	DRAWING NO.
AS SHOWN	GENERAL PLAN, ELEVATIONS AND SECTIONS	B-5



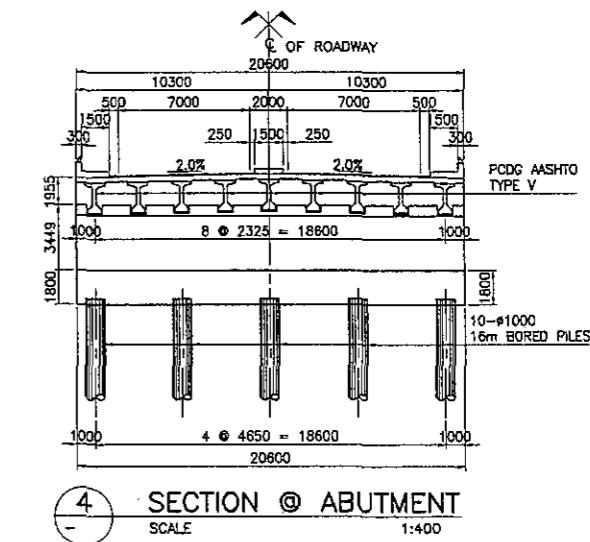
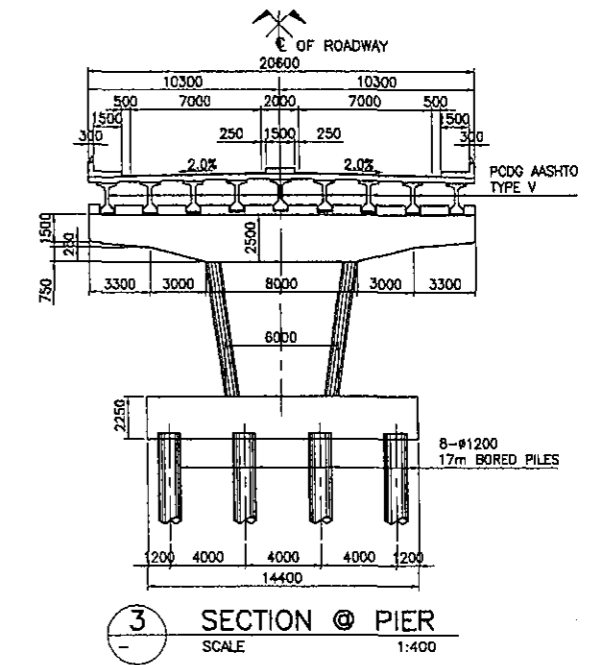
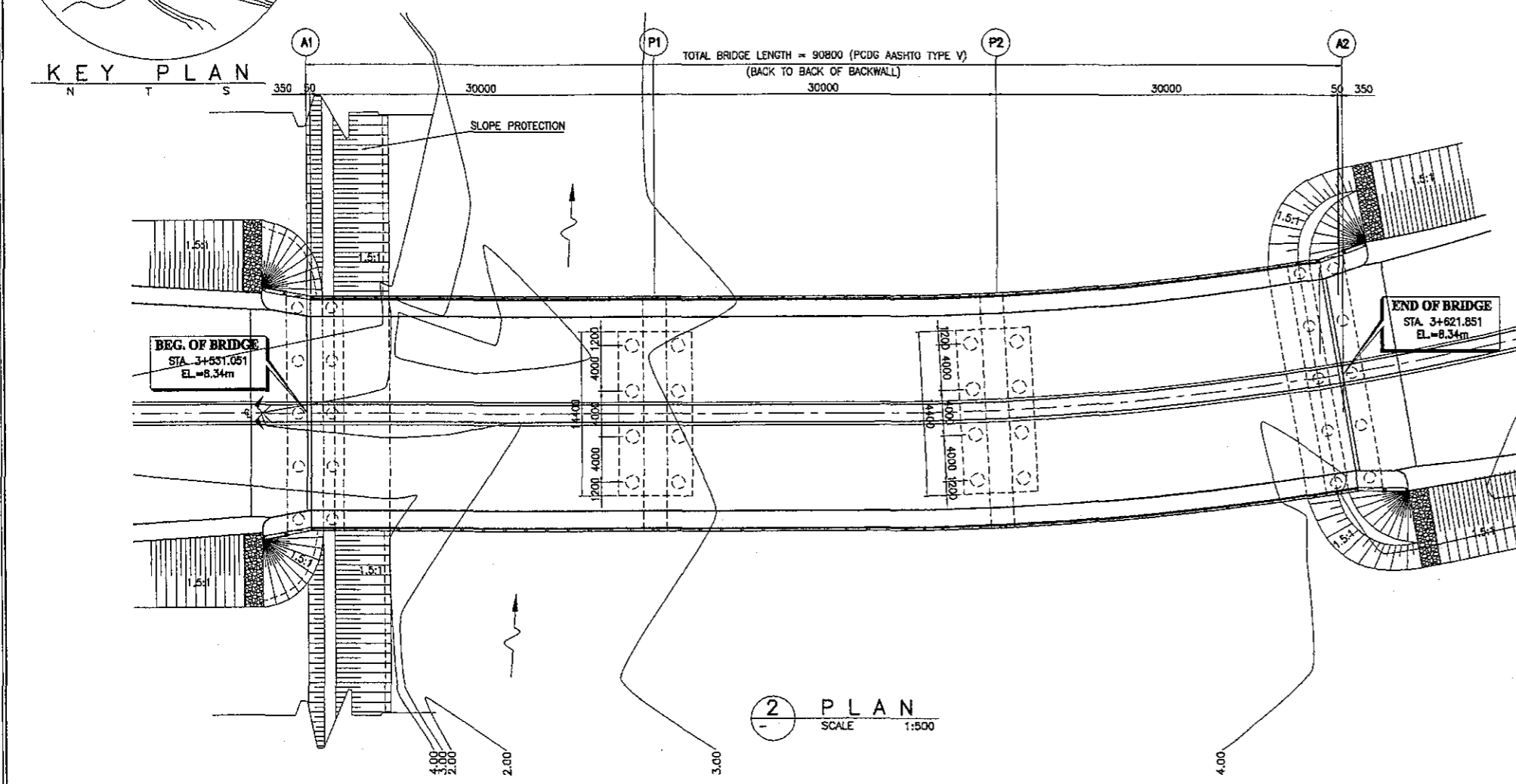
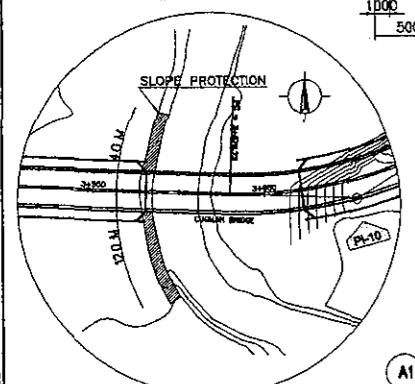
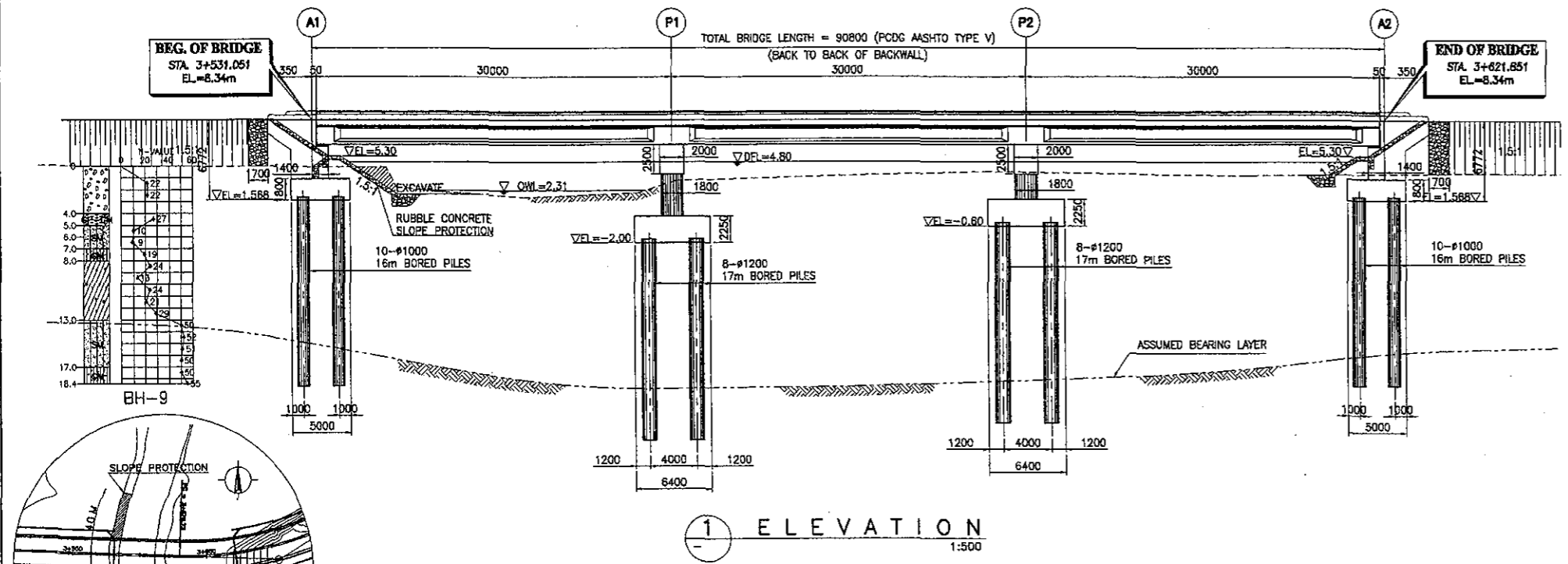
SUMMARY OF ESTIMATED QUANTITIES

ITEM No.	DESCRIPTION	UNIT	QUANTITY
103(2)a	BRIDGE EXCAVATION, COMMON, BELOW OWL	m ³	163.00
103(2)b	BRIDGE EXCAVATION, COMMON, BELOW OWL	m ³	199.00
104(1)c	SELECTED BORROW FOR BACKFILLING	m ³	36.00
311(2)	PCC PAVEMENT (REINFORCED) FOR APPROACH SLAB, t = 300mm	m ²	60.00
400(16)c	CAST-IN-PLACE CONCRETE BORED PILES, #1000mm	m ³	36.00
400(16)b	CAST-IN-PLACE CONCRETE BORED PILES, #1200mm	m	48.00
401	CONCRETE RAILINGS	m	84.00
404(1)	REINFORCING STEEL, GRADE 40 (fy = 275MPa)	kg	2682.00
404(2)	REINFORCING STEEL, GRADE 60 (fy = 415MPa)	kg	54,246.00
405(1)	STRUCTURAL CONCRETE CLASS "A1" FOR SUBSTRUCTURE (fc' = 24MPa)	m ³	121.00
405(2)	STRUCTURAL CONCRETE CLASS "A2" FOR SUPERSTRUCTURE (fc' = 24MPa)	m ³	288.00
405(3)	STRUCTURAL CONCRETE CLASS "A3" FOR OTHERS (fc' = 21MPa)	m ³	28.00
405(6)	STRUCTURAL CONCRETE "LEAN CONCRETE" (fc' = 17MPa)	m ³	13.00
407(1)a	ELASTOMERIC BEARING PAD, 400 x 350 x 60 (DURO 60)	ea	8.00
407(2)b	EXPANSION JOINT, (± 50mm MOVEMENT)	m	12.00
407(4)	METAL DRAIN (1150mm G.I. DRAIN PIPE)	m	13.00
408	CHAIN LINK RAILING	m	84.00

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

SCALE :	CAGAYAN DE ORO J.R. BORJA EXTENSION ROAD BRIDGE NO. B-2 (CUGMAN RIVER) STA. 3+531.051	DRAWING NO.
AS SHOWN	GENERAL PLAN, ELEVATIONS AND SECTIONS	B-6

Q(50)	316.0 mps
V	3.36 mps

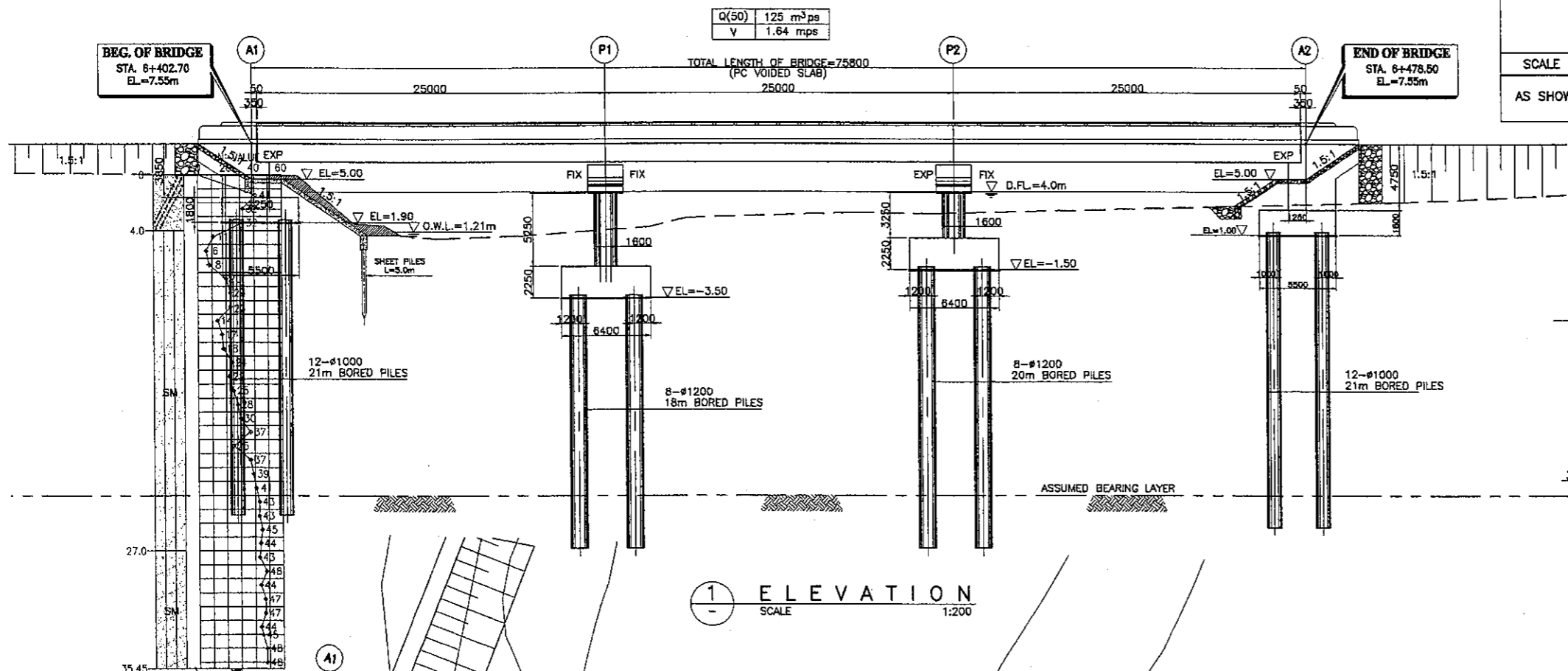


SUMMARY OF ESTIMATED QUANTITIES

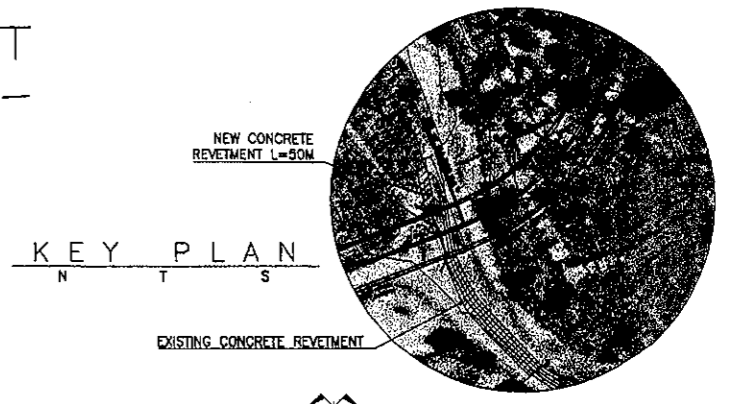
ITEM No.	DESCRIPTION	UNIT	QUANTITY
103(2)	BRIDGE EXCAVATION, COMMON, ABOVE OWL	m ³	271.00
103(2)b	BRIDGE EXCAVATION, COMMON, BELOW OWL	m ³	1,822.00
104(1)c	SELECTED BORROW FOR BACKFILLING	m ³	593.00
311(2)	PCC PAVEMENT (REINFORCED) FOR APPROACH SLAB, t = 300mm	m ²	182.00
400(16)a	CAST-IN-PLACE CONCRETE BORED PILES, #1000mm	m	320.00
400(16)b	CAST-IN-PLACE CONCRETE BORED PILES, #1200mm	m	272.00
401	CONCRETE RAILINGS	m	180.00
404(1)	REINFORCING STEEL, GRADE 40 (fy=275MPa)	kg	5,748.00
404(2)	REINFORCING STEEL, GRADE 60 (fy=415MPa)	kg	409,026.00
405(1)	STRUCTURAL CONCRETE CLASS "A1" FOR SUBSTRUCTURE (fc' = 24MPa)	m ³	1,355.00
405(2)	STRUCTURAL CONCRETE CLASS "A2" FOR SUPERSTRUCTURE (fc' = 24MPa)	m ³	802.00
405(3)	STRUCTURAL CONCRETE CLASS "A3" FOR OTHERS (fc' = 21MPa)	m ³	41.00
405(6)	STRUCTURAL CONCRETE "LEAN CONCRETE" (fc' = 17MPa)	m ³	68.00
406(1)g	PRESTRESSED CONCRETE GIRDER, AASHTO TYPE V, L=30m	ee	27.00
407(1)c	ELASTOMERIC BEARING PAD, 650 x 400 x 60 (DURO 60)	ea	18.00
407(2)b	EXPANSION JOINT, (± 50mm MOVEMENT)	m	36.00
407(4)	METAL DRAIN (#150mm G.I. DRAIN PIPE)	m	53.00
504(5)	GROUTED RIPRAP SLOPE PROTECTION	m ²	13.00
506	LOOSE BOULDER APRON (HAND LAID ROCKS #300mm min., S.G.=2.65)	m ²	122.00
510	RUBBLE CONCRETE SLOPE PROTECTION, t=350mm	m ²	592.00

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

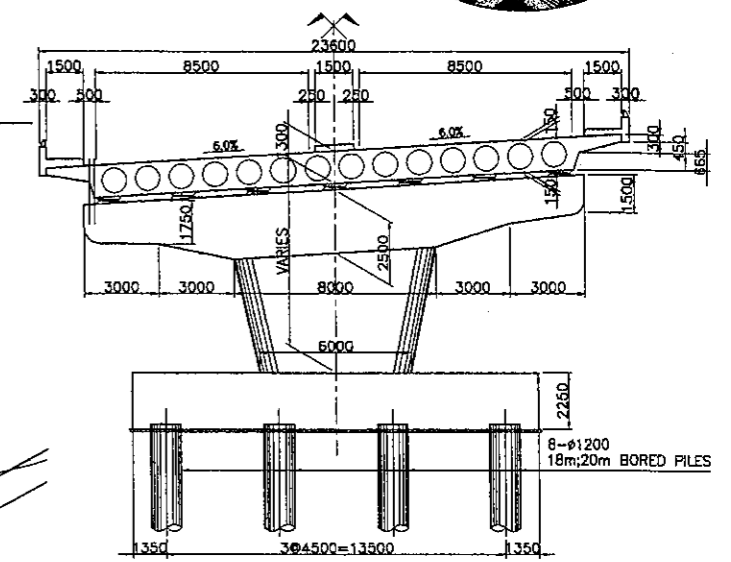
SCALE : CAGAYAN DE ORO J.R. BORJA EXTENSION ROAD
BRIDGE NO. B-3 (UMALAG RIVER)
AS SHOWN STA. 6+402.70
GENERAL PLAN, ELEVATIONS AND SECTIONS
DRAWING NO. B-7



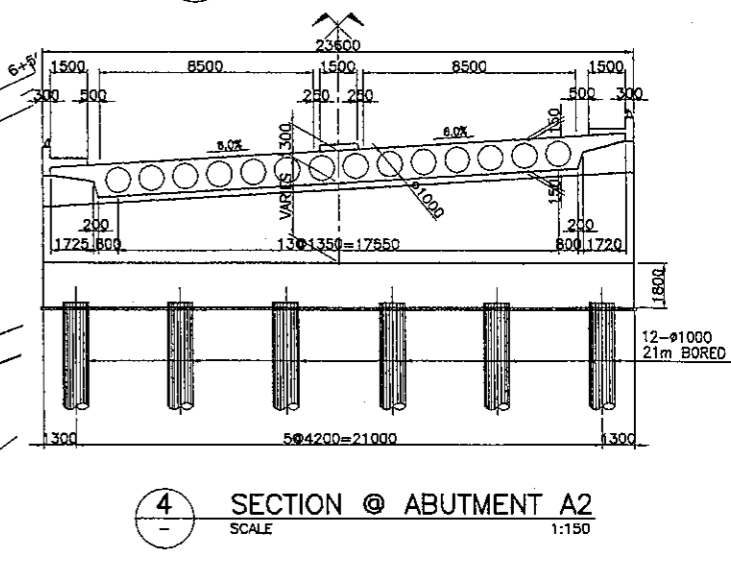
1 ELEVATION
SCALE 1:200



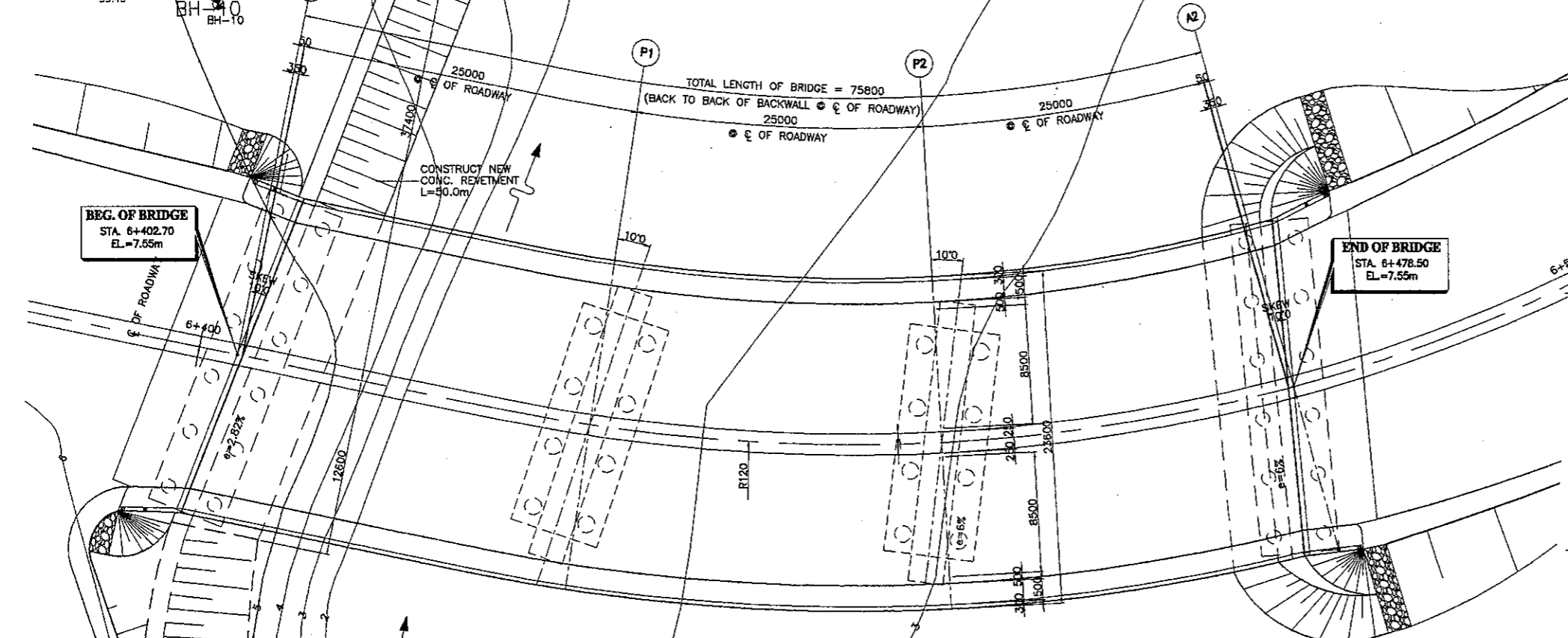
KEY PLAN



3 SECTION @ PIER P2
SCALE 1:150



4 SECTION @ ABUTMENT A2
SCALE 1:150



2 PLAN
SCALE 1:200

SUMMARY OF ESTIMATED QUANTITIES

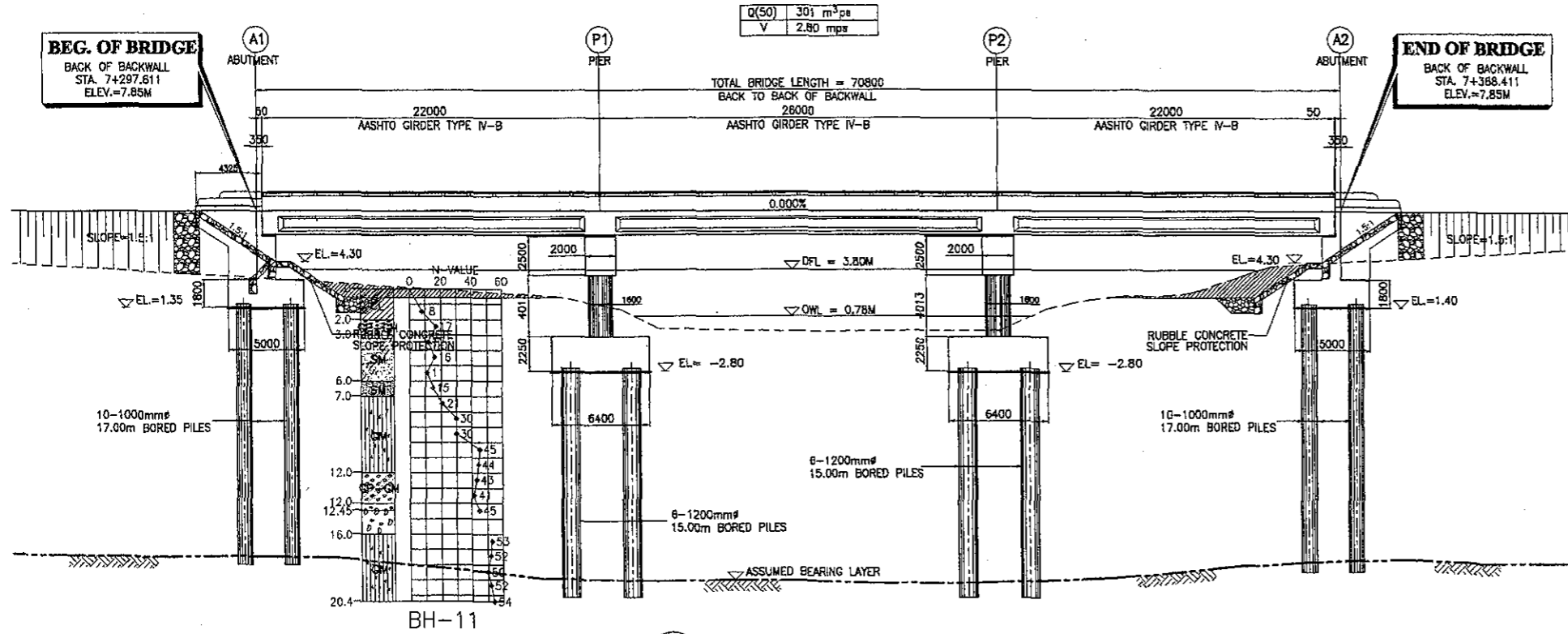
ITEM No.	DESCRIPTION	UNIT	QUANTITY
103(2)a	BRIDGE EXCAVATION, COMMON, ABOVE OWL	m ³	800.00
103(2)b	BRIDGE EXCAVATION, COMMON, BELOW OWL	m ³	1,292.00
104(1)c	SELECTED BORROW FOR BACKFILLING	m ³	466.00
311(2)	PCC PAVEMENT (REINFORCED) FOR APPROACH SLAB, t = 300mm	m ²	210.00
400(16)a	CAST-IN-PLACE CONCRETE BORED PILES, #1000mm	ea	504.00
400(16)b	CAST-IN-PLACE CONCRETE BORED PILES, #1200mm	ea	304.00
401	CONCRETE RAILINGS	m	150.00
404(1)	REINFORCING STEEL, GRADE 40 (fy=275MPa)	kg	24,728.00
404(2)	REINFORCING STEEL, GRADE 60 (fy=415MPa)	kg	431,837.00

404(3)	PRESTRESSING STEEL GRADE 270 (Fu=1860MPa)	kg	35,461.00
405(1)	STRUCTURAL CONCRETE CLASS "A1" FOR SUBSTRUCTURE (fc' = 24MPa)	m ³	1,475.00
405(3)	STRUCTURAL CONCRETE CLASS "A3" FOR OTHERS (fc' = 21MPa)	m ³	277.00
405(4)	STRUCTURAL CONCRETE CLASS "A4" FOR PC VOIDED SLAB (fc' = 41MPa)	m ³	1,290.00
405(6)	STRUCTURAL CONCRETE "LEAN CONCRETE" (fc' = 17MPa)	m ³	52.00
407(1)b	ELASTOMERIC BEARING PAD, 450 x 350 x 60 (DURO 60)	ea	42.00
407(2)b	EXPANSION JOINT (± 50mm MOVEMENT)	m	80.00
407(4)	METAL DRAIN (#150mm G.I. DRAIN PIPE)	m	26.00
504(5)	GROUTED RIPRAP SLOPE PROTECTION	m ²	23.00
506	LOOSE BOULDER APRON (HAND LAID ROCKS #300mm min., S.G.=2.65)	m ²	66.00
507	STEEL SHEET PILES (85 X 400 X 8mm), FURNISHED AND DRIVEN	m	250.00
510	RUBBLE CONCRETE SLOPE PROTECTION, t=350mm	m ²	92.00

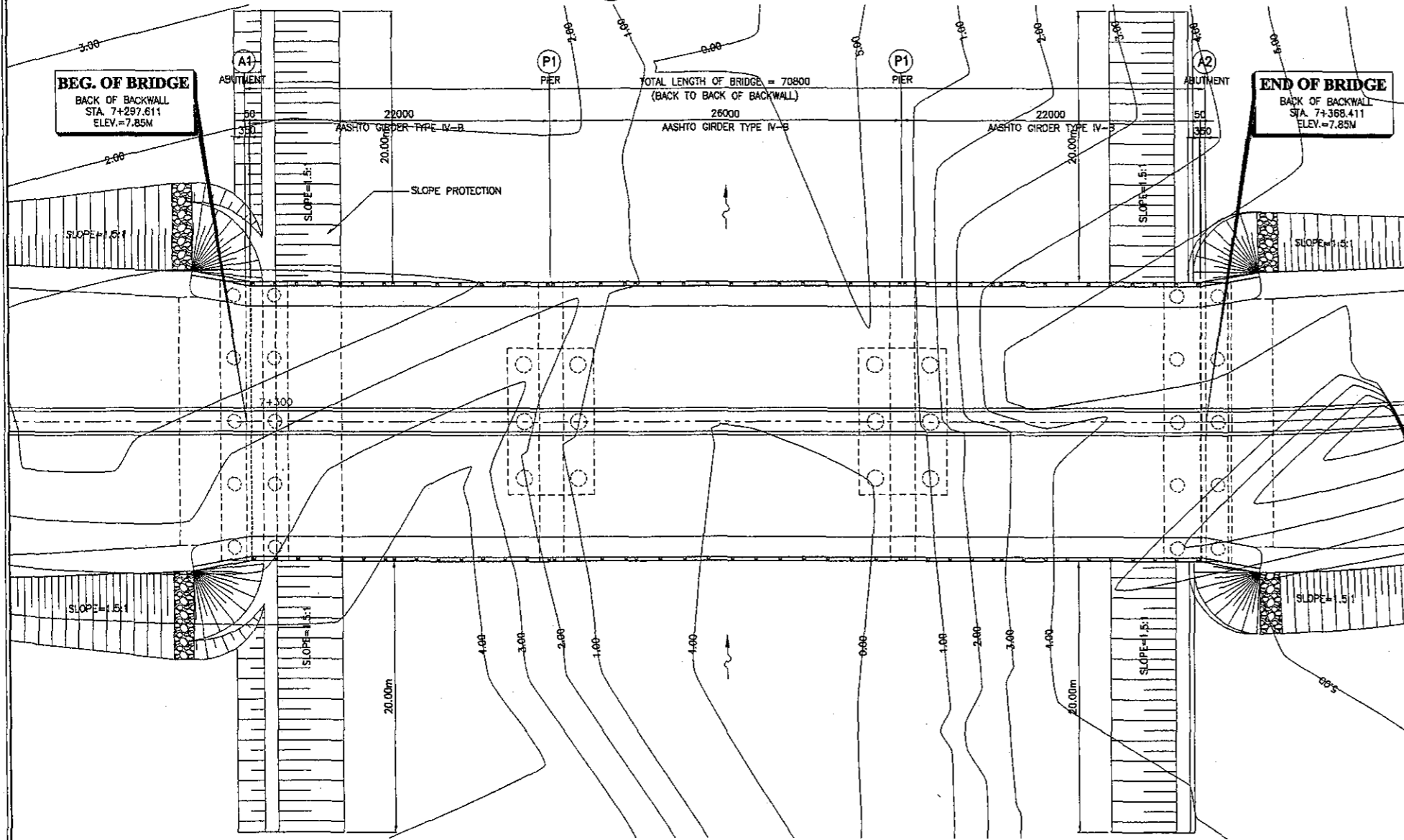
THE STUDY ON ROAD NETWORK IMPROVEMENT
FOR DEVELOPMENT OF REGIONAL GROWTH CENTERS

SCALE : AS SHOWN
CAGAYAN DE ORO J.R. BORJA EXTENSION ROAD
BRIDGE NO. B-4 (AGUSAN RIVER)
STA. 7+297.611
GENERAL PLAN, ELEVATION AND SECTIONS
DRAWING NO. B-8

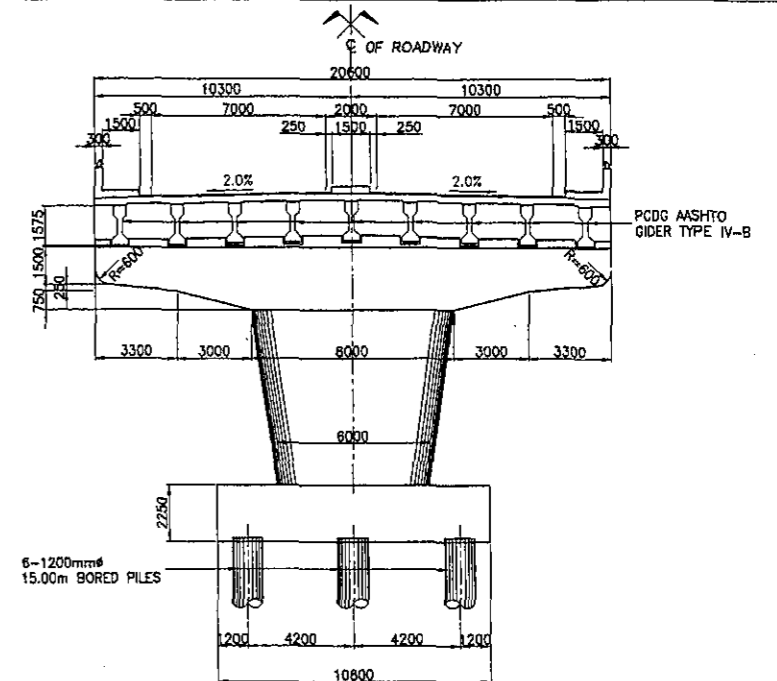
Q(50) 301 m³/ps
V 2.80 mps



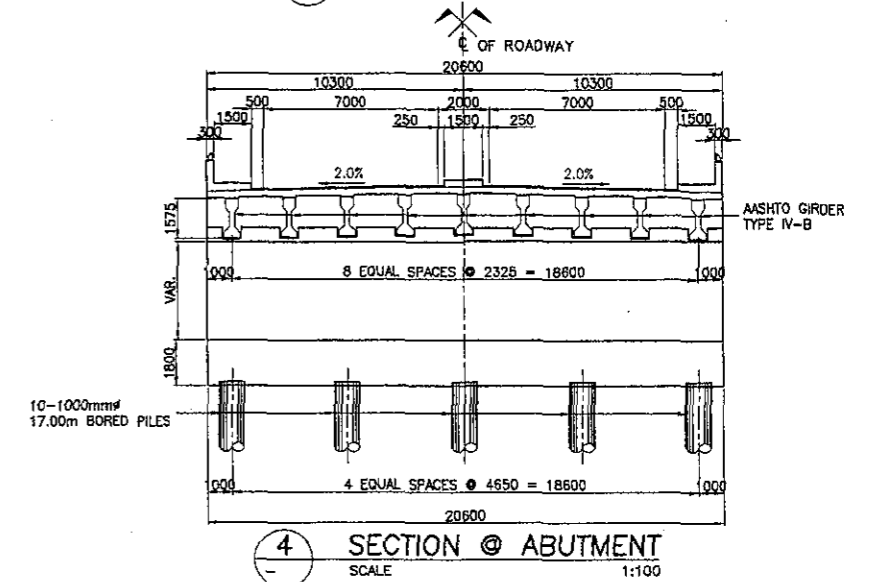
1 ELEVATION
SCALE 1:200



2 PLAN
SCALE 1:200



3 SECTION @ PIER
SCALE 1:100



4 SECTION @ ABUTMENT
SCALE 1:100

SUMMARY OF ESTIMATED QUANTITIES

ITEM No.	DESCRIPTION	UNIT	QUANTITY
103(2)a	BRIDGE EXCAVATION, COMMON, ABOVE OWL	cu.m.	1923.00
103(2)b	BRIDGE EXCAVATION, COMMON, BELOW OWL	cu.m.	617.00
104(1)c	SELECTED BORROW FOR BACKFILLING	cu.m.	525.00
311(2)	PCC PAVEMENT (REINFORCED) FOR APPROACH SLAB, t = 300mm	sq.m.	182.00
400(16)a	CAST-IN-PLACE CONCRETE BORED PILES, #1000mm	m	340.00
400(16)b	CAST-IN-PLACE CONCRETE BORED PILES, #1200mm	m	180.00
400(16)c	CAST-IN-PLACE CONCRETE BORED PILES, #1500mm	m	-
401	CONCRETE RAILINGS	m	140.00
404(1)	REINFORCING STEEL, GRADE 40 (fy = 275MPa)	kg	4489.00
404(2)	REINFORCING STEEL, GRADE 60 (fy = 415MPa)	kg	368945.00
404(3)	PRESTRESSING STEEL, GRADE 270 (Fu = 1860MPa)	kg	-
405(1)	STRUCTURAL CONCRETE CLASS "A1" FOR SUBSTRUCTURE (fc' = 24MPa)	cu.m.	1237.00
405(2)	STRUCTURAL CONCRETE CLASS "A2" FOR SUPERSTRUCTURE (fc' = 24MPa)	cu.m.	842.00
405(3)	STRUCTURAL CONCRETE CLASS "A3" FOR OTHERS (fc' = 21MPa)	cu.m.	32.00
405(6)	STRUCTURAL CONCRETE "LEAN CONCRETE" (fc' = 17MPa)	cu.m.	52.00
406(1)b	PRESTRESSED CONCRETE GIRDER, AASHTO TYPE IV-B, L=22.00M	ea	18.00
406(1)c	PRESTRESSED CONCRETE GIRDER, AASHTO TYPE IV-B, L=26.00M	ea	9.00
407(1)a	ELASTOMERIC BEARING PAD, 500 x 350 x 60 (DURO 60)	ea	18.00
407(1)b	EXPANSION JOINT, (±50mm MOVEMENT)	m	36.00
407(4)	METAL DRAIN (#150mm G.I. DRAIN PIPE)	m	53.00
504(5)	GROUTED RIPRAP SLOPE PROTECTION	cu.m.	13.00
506	LOOSE BOULDER APRON (HAND LAID ROCK, #300mm MIN., S.G. = 2.65)	cu.m.	242.00
510	RUBBLE CONCRETE SLOPE PROTECTION, t=350mm	cu.m.	346.00

**WESTERN
DIVERSION ROAD**

ELEMENTS OF CURVES

PI NO.	STATION	COORDINATES		I	R	T	Lc	Es	V(kph)
		NORTHING	EASTING						
1	0+000.000	937004.744	456406.487						
2	0+329.800	937325.645	456330.389	38°12'51"	700.00	242.493	466.87	40.812	60.00

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

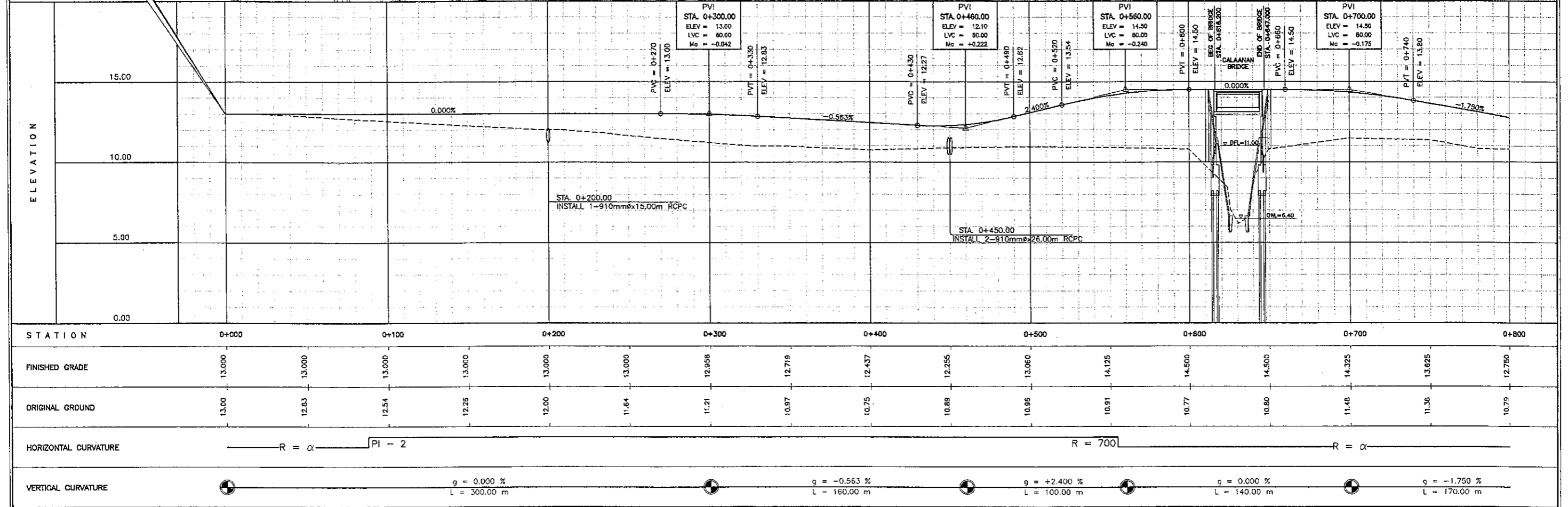
SCALE :
HOR. 1:2500
VER. 1:250

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

DRAWING NO.
R-1



CAGAYAN DE ORO WEST DIVERSION ROAD
START OF PROJECT
STA. 0+000
ELEV. = 13.000
N = 937004.744
E = 456406.487



ELEMENTS OF CURVES

PI NO.	STATION	COORDINATES		I	R	T	Lc	Es	V(kph)
		NORTHING	EASTING						
3	1+023.407	937971.345	456629.750	22°14'50"	1000.00	196.620	388.287	19.146	60.00



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

SCALE :	CAGAYAN DE ORO WESTERN DIVERSION ROAD	DRAWING NO.
HOR. 1:2500 VER. 1:250	PLAN STA. 0+800 - STA. 1+600	R-2a

