Department of Agrarian Reform The Republic of the Philippines

BASIC DESIGN STUDY ON THE BRIDGE CONSTRUCTION PROJECT FOR EXPANDED AGRARIAN REFORM COMMUNITIES DEVELOPMENT IN THE REPUBLIC OF THE PHILIPPINES

DRAWINGS (UMIRAY BRIDGE)

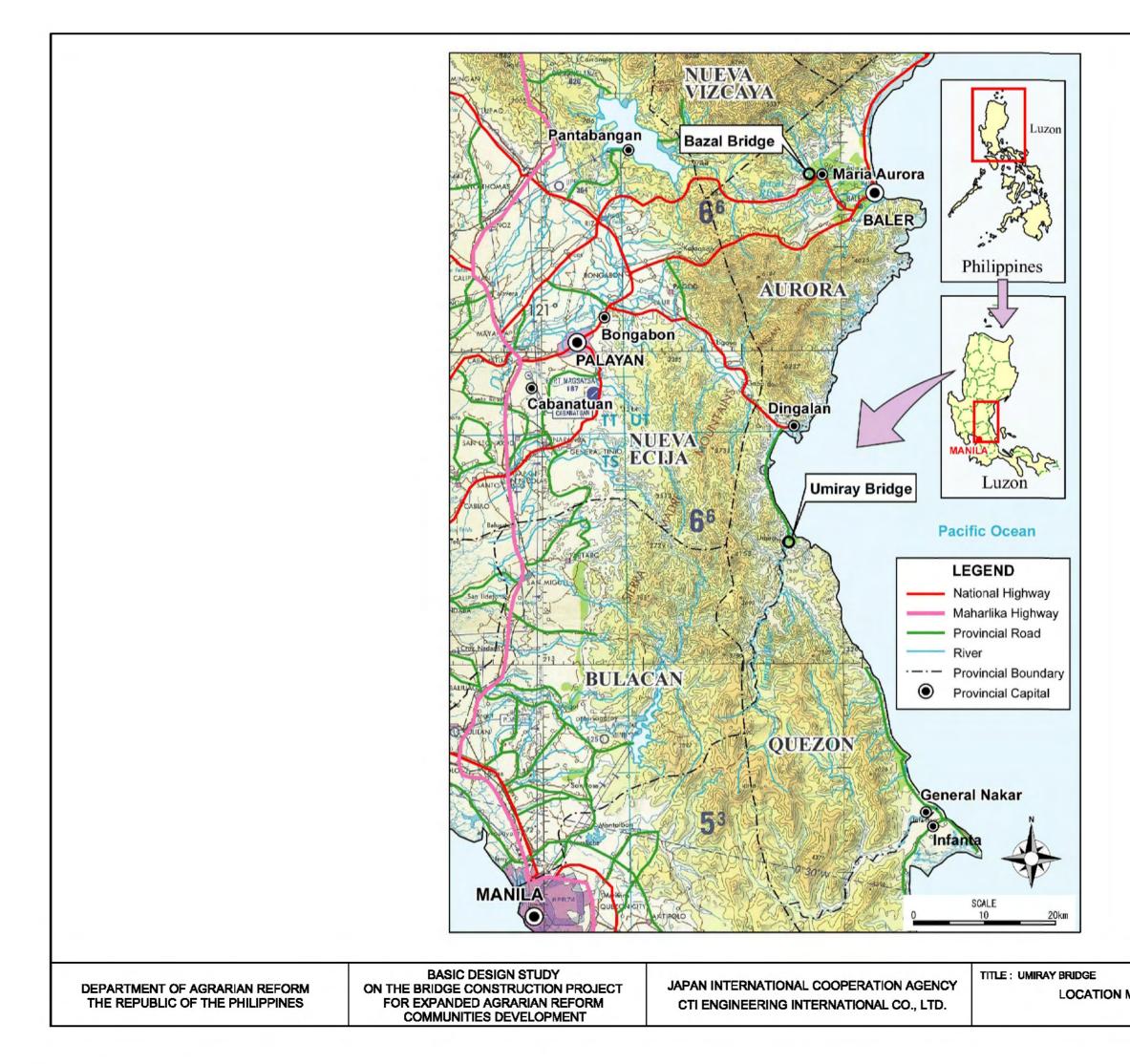
September 2008

JAPAN INTERNATIONAL COOPERATION AGENCY

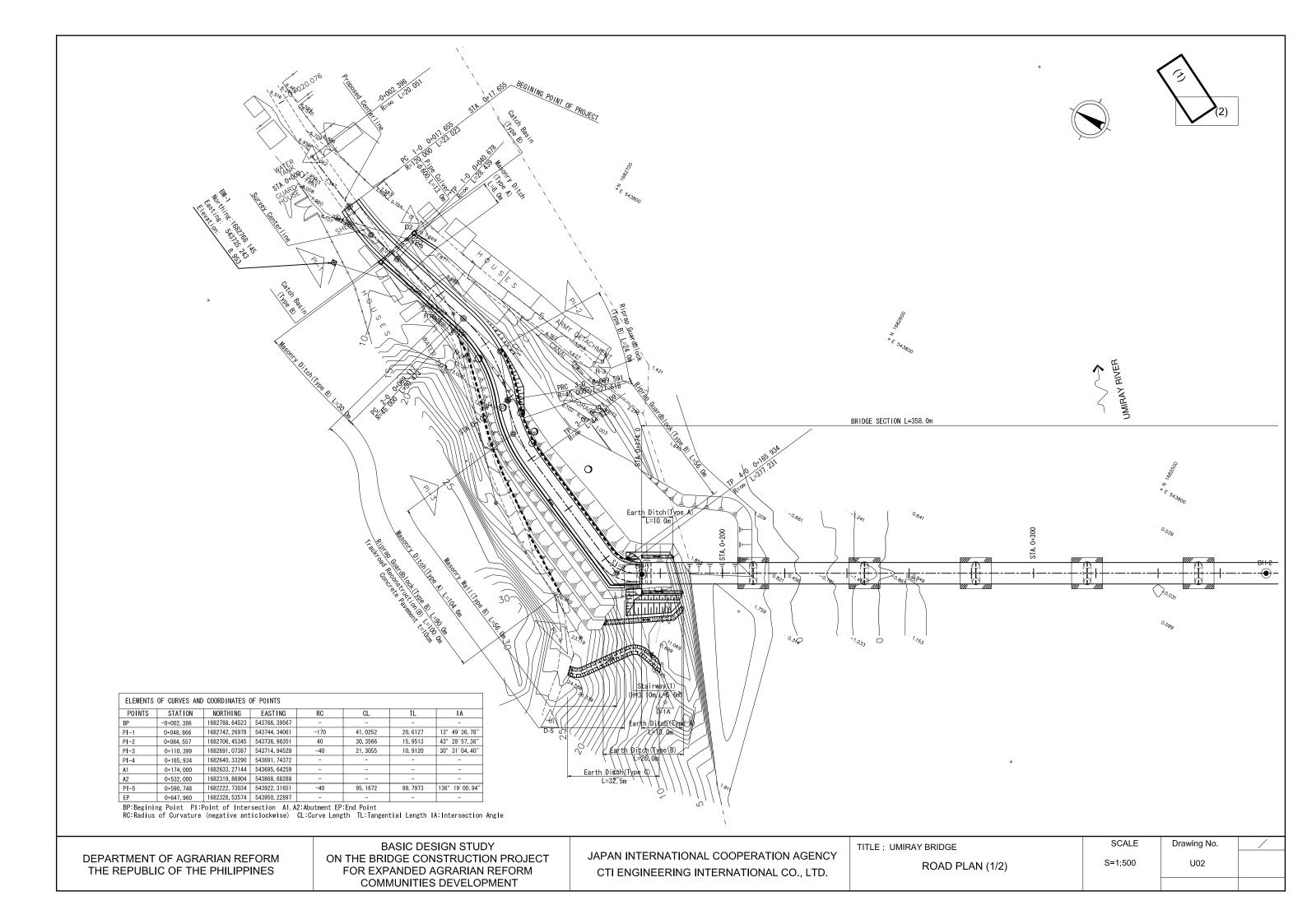
CTI ENGINEERING INTERNATIONAL CO., LTD.

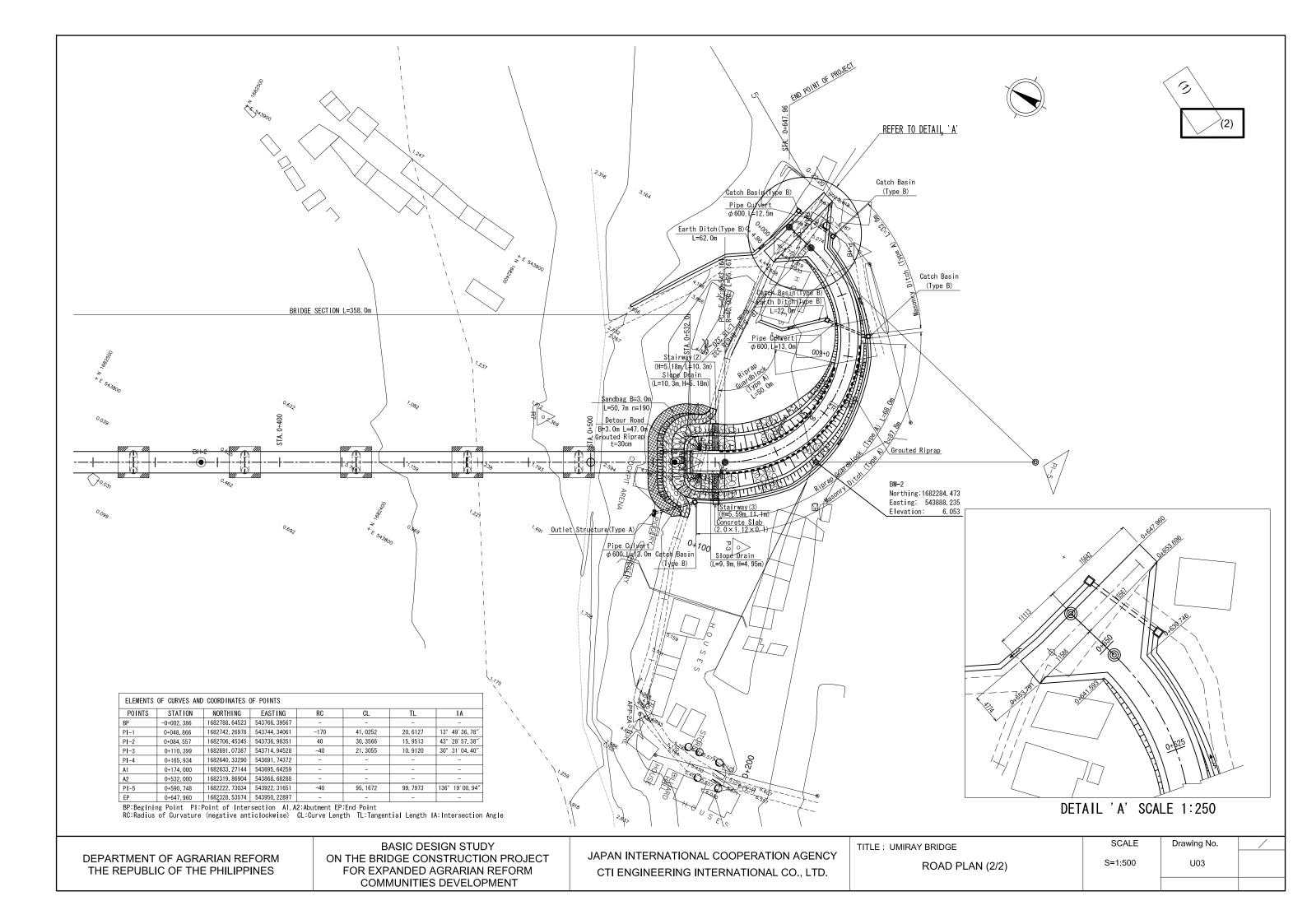
LIST OF DRAWINGS (UMIRAY BRIDGE)

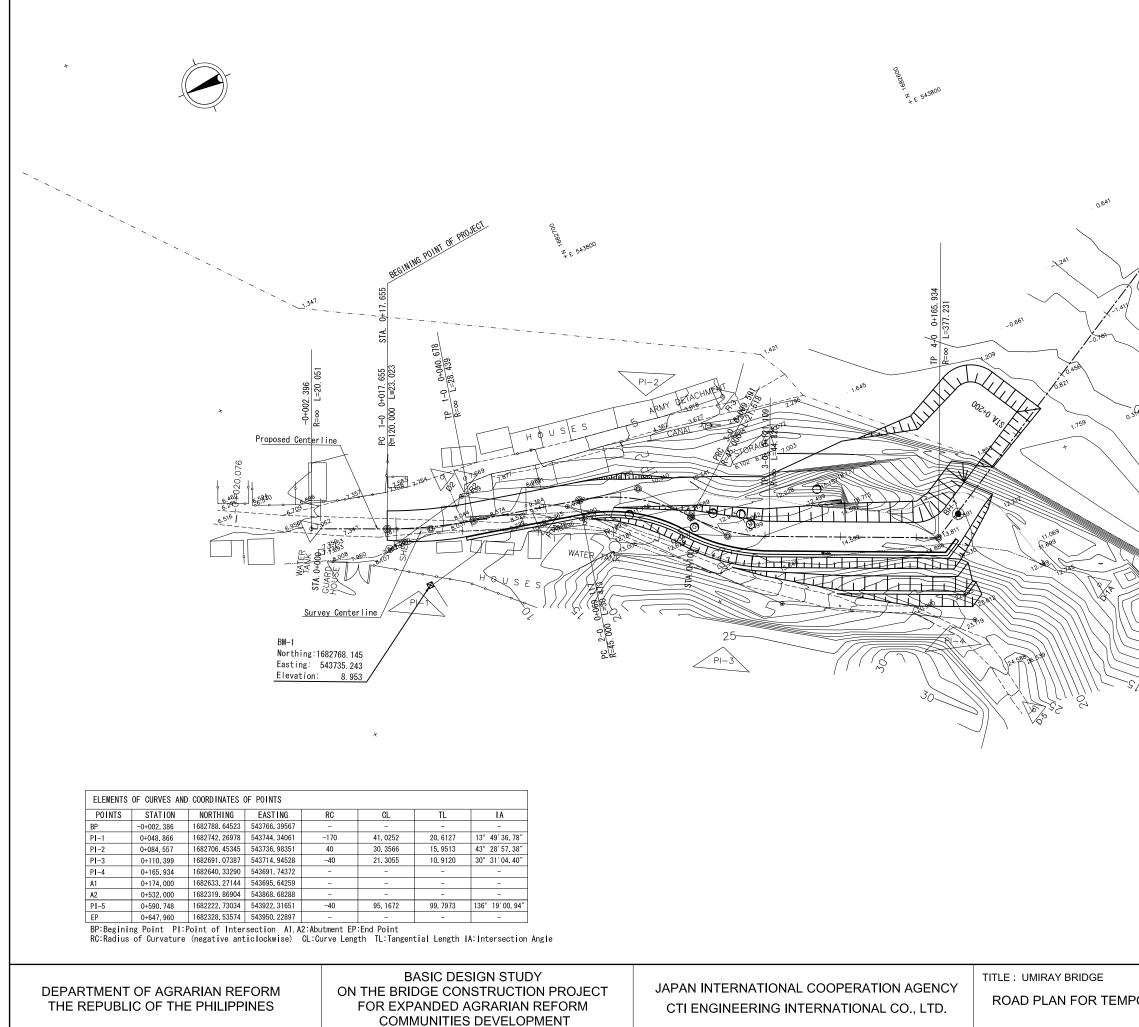
No.	Drawing Title	Scale	No.	Drawing Title	Scale
U01	Project Location Map	-	U21	Road Cross Section (3/6)	1/100
U02	Road Plan (1/2)	1/500	U22	Road Cross Section (4/6)	1/100
U03	Road Plan (2/2)	1/500	U23	Road Cross Section (5/6)	1/100
U04	Road Plan for Temporary Works	1/500	U24	Road Cross Section (6/6)	1/100
U05	Road Profile (1/2)	H=1/500, V=1/100	U25	Cross Section for Detour Road	1/100
U06	Road Profile (2/2)	H=1/500, V=1/100	U26	Cross Section for Temporary Road (1/3)	1/100
U07	Typical Cross Section of Road Section (1/2)	1/50	U27	Cross Section for Temporary Road (2/3)	1/100
U08	Typical Cross Section of Road Section (2/2)	1/50	U28	Cross Section for Temporary Road (3/3)	1/100
U09	Typical Cross Section of Temporary Works	1/50	U29	Drainage Facilities (1/2)	1/20
U10	General Drawing of Umiray Bridge	1/500	U30	Drainage Facilities (2/2)	1/20
U11	Structural Drawing of Superstructure (1/2)	1/150	U31	Road Signs	-
U12	Structural Drawing of Superstructure (2/2)	1/150	U32	Detail of Concrete Pavement	1/100
U13	Structural Drawing of A1 Abutment (1/2)	1/50	U33	Miscellaneous Details (1/2)	1/20
U14	Structural Drawing of A1 Abutment (2/2)	1/50	U34	Miscellaneous Details (2/2)	1/20
U15	Structural Drawing of A2 Abutment (1/2)	1/50			
U16	Structural Drawing of A2 Abutment (2/2)	1/50			
U17	Structural Drawing of P1-P4, P6-P9 Bridge Pier	1/50			
U18	Structural Drawing of P5 Bridge Pier	1/50			
U19	Road Cross Section (1/6)	1/100			
U20	Road Cross Section (2/6)	1/100			



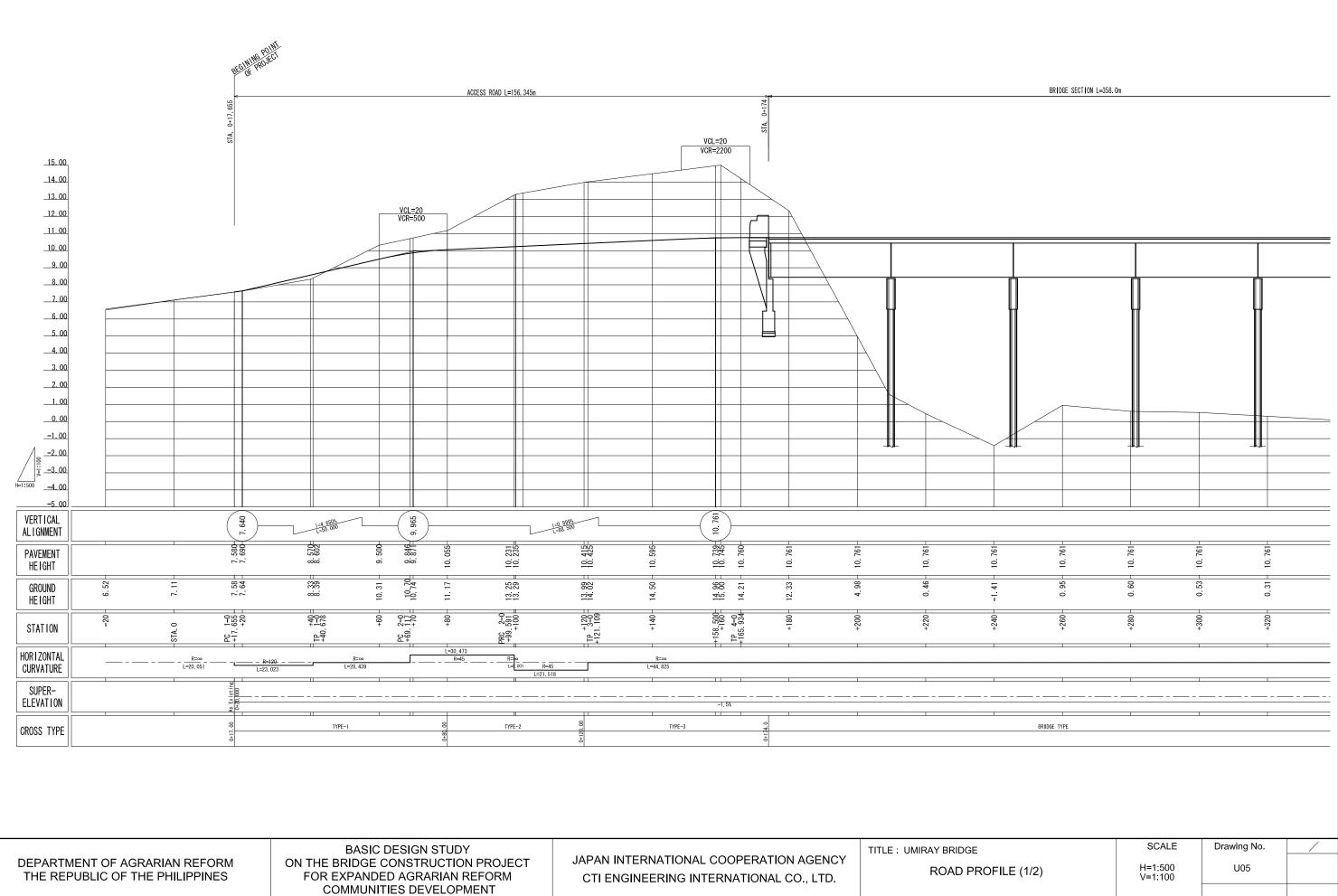
	SCALE	Drawing No.	/
MAP	Not on Scale	U01	







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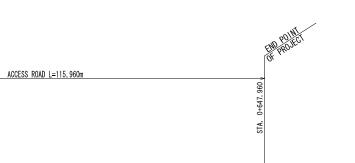


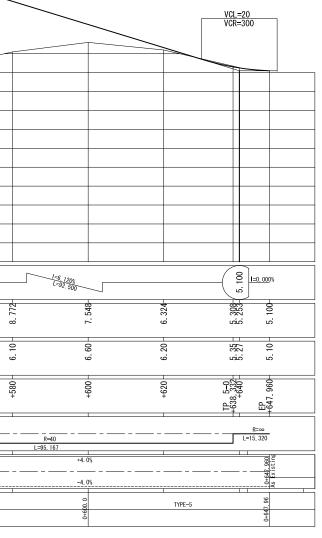
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DEPARTMENT OF AGRARIAN REFORM THE REPUBLIC OF THE PHILIPPINES BASIC DESIGN STUDY ON THE BRIDGE CONSTRUCTION PROJECT FOR EXPANDED AGRARIAN REFORM COMMUNITIES DEVELOPMENT

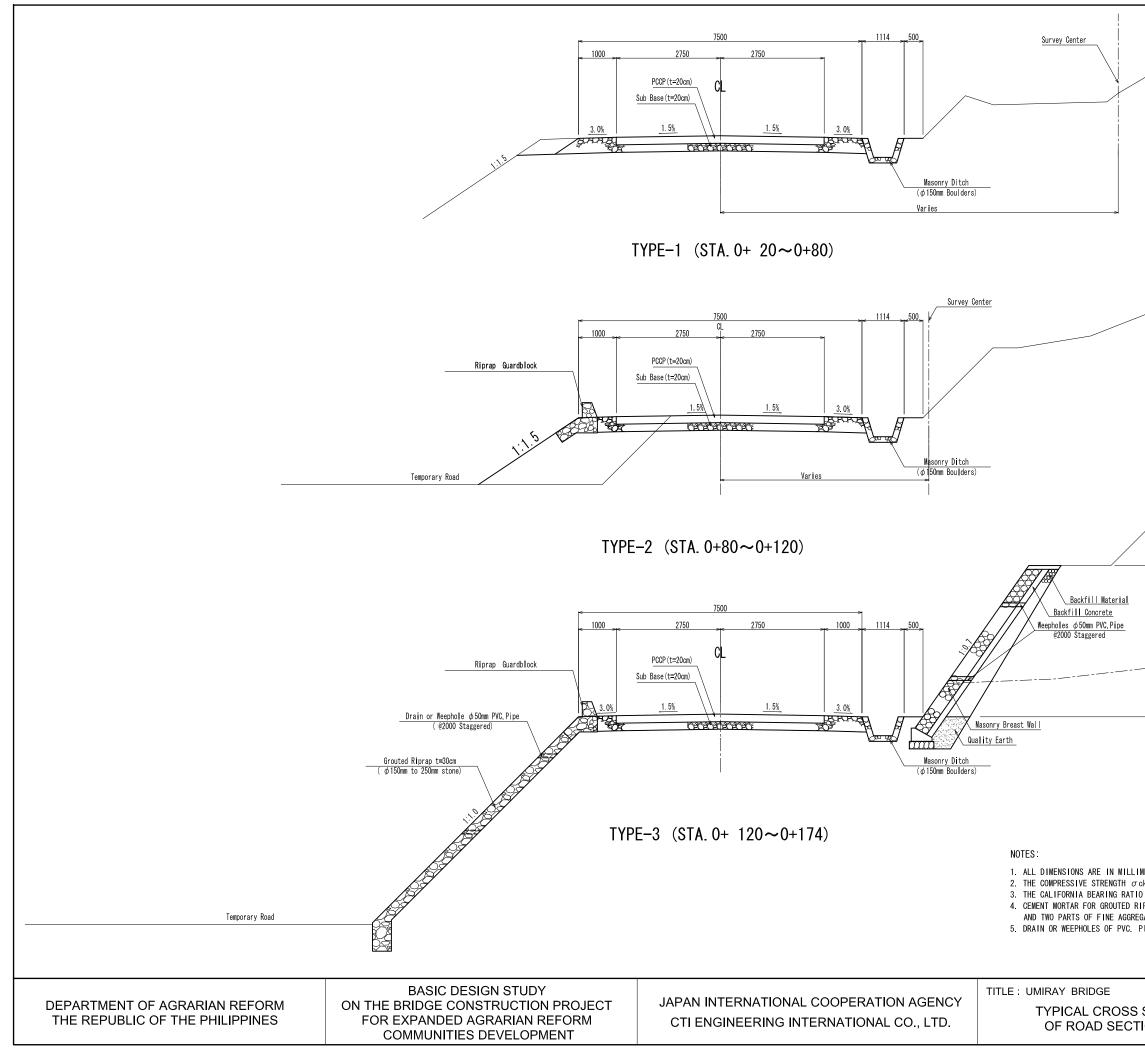
JAPAN INTERNATIONAL COOPERATION AGENCY CTI ENGINEERING INTERNATIONAL CO., LTD. TITLE : UMIRAY BRIDGE

ROAD PROFIL

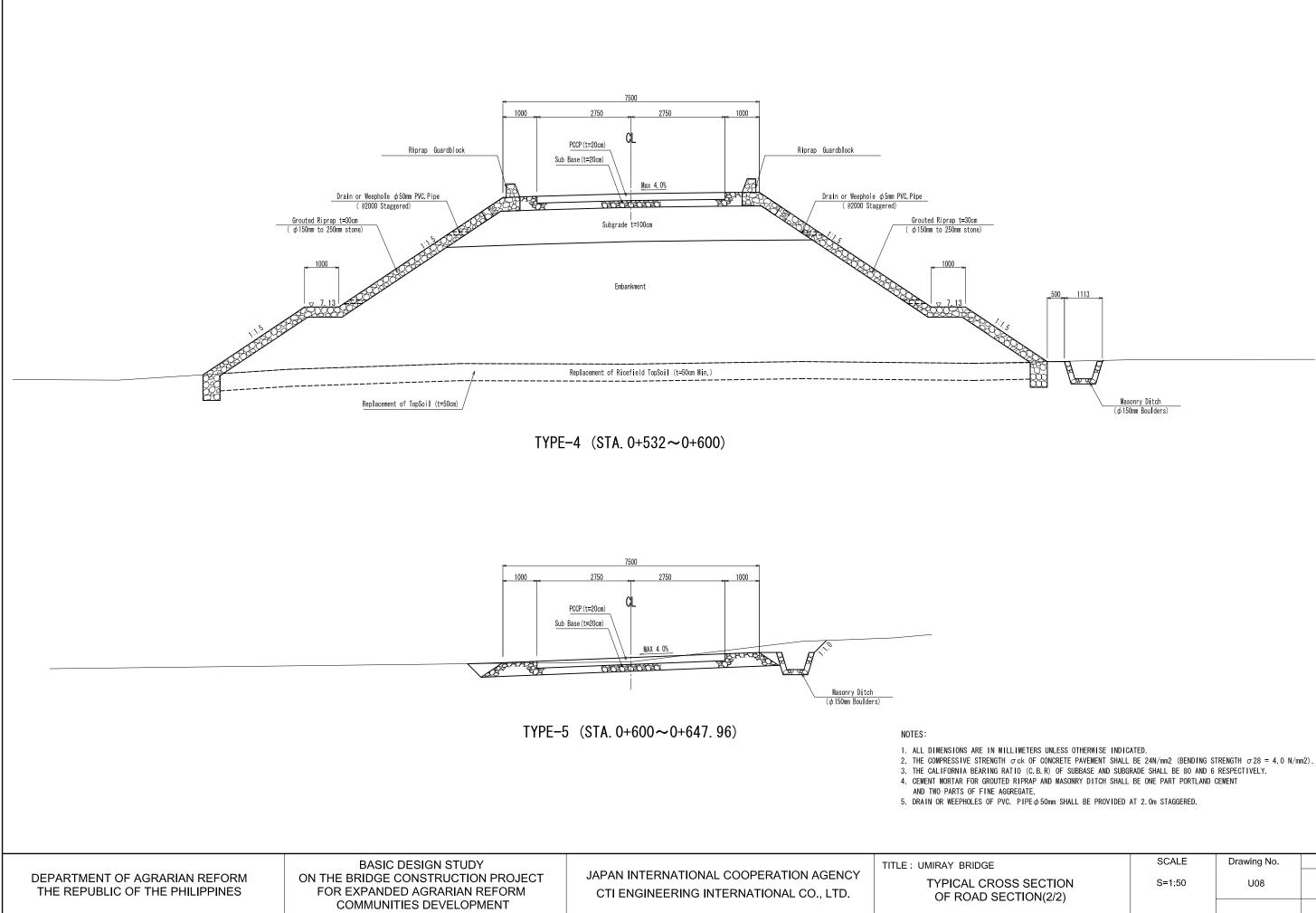




	SCALE	Drawing No.	/
E (2/2)	H=1:500 V=1:100	U06	



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GATE. PIPEφ50mm SHALL BE PROVIDED	AT 2.0m STAGGERED.		
	SCALE	Drawing No.	/
SECTION ION(1/2)	S=1:50	U07	



	SCALE	Drawing No.	/
SECTION ION(2/2)	S=1:50	U08	
1011(2/2)			