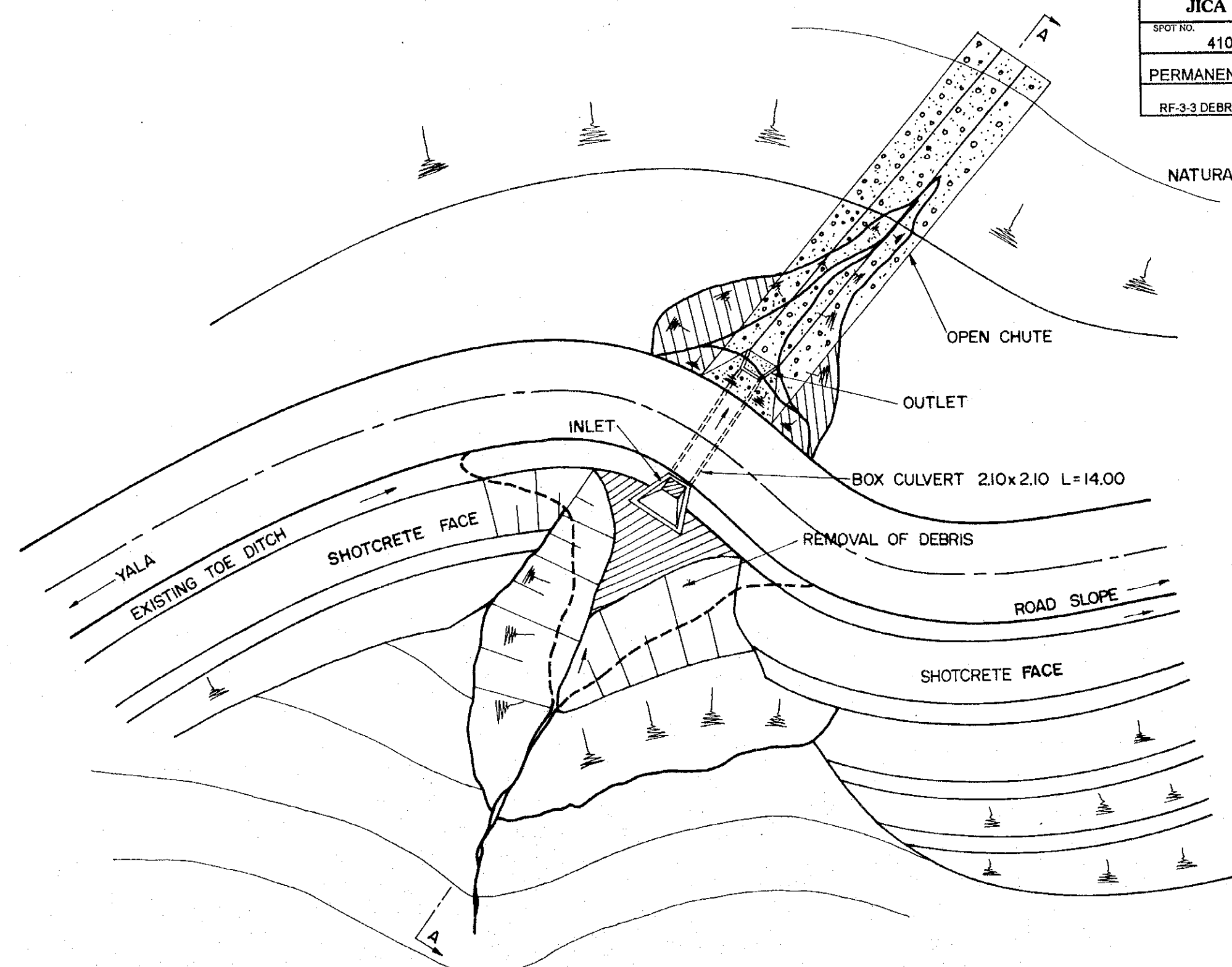
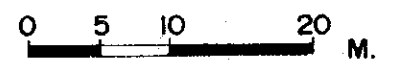


2. Drawings

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/1	75.950	1 OF 68
PERMANENT REPAIR WORK (1/2)		
RF-3-3 DEBRIS FLOW ON EMBANKMENT		



PLAN SCALE 1:500

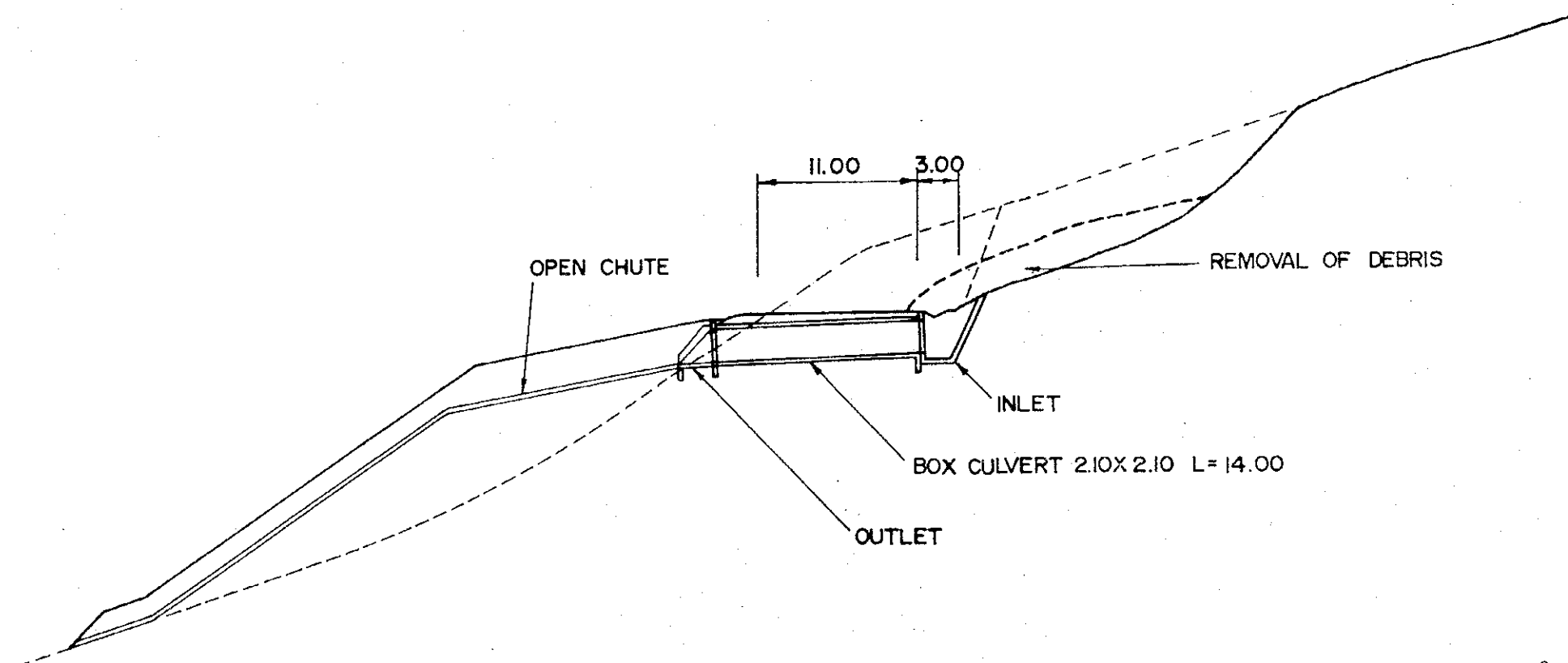


JICA RDPP STUDY

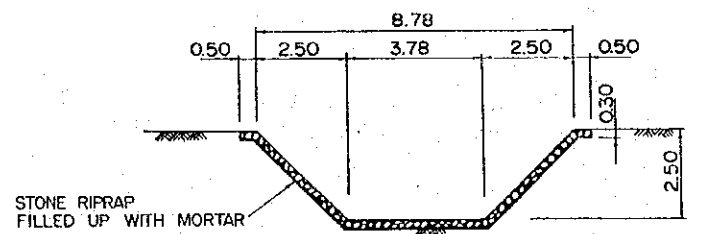
SPOT NO.	KM.	SHEET NO.
410/1	75.950	2 OF 68

PERMANENT REPAIR WORK (2/2)

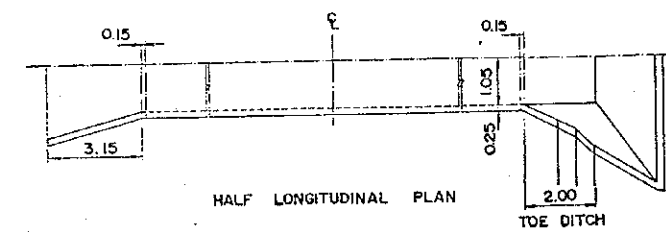
RF-3-3 DEBRIS FLOW ON EMBANKMENT



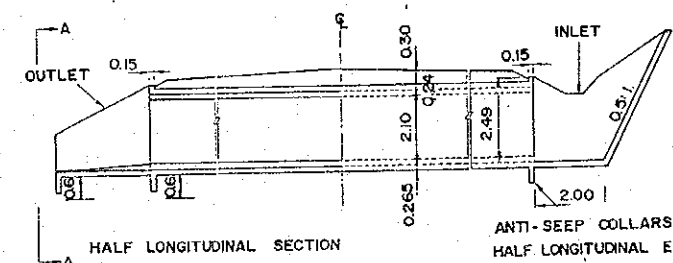
CROSS SECTION SCALE 1:400



OPEN CHUTE SCALE 1:200

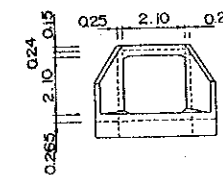


HALF LONGITUDINAL PLAN



HALF LONGITUDINAL SECTION

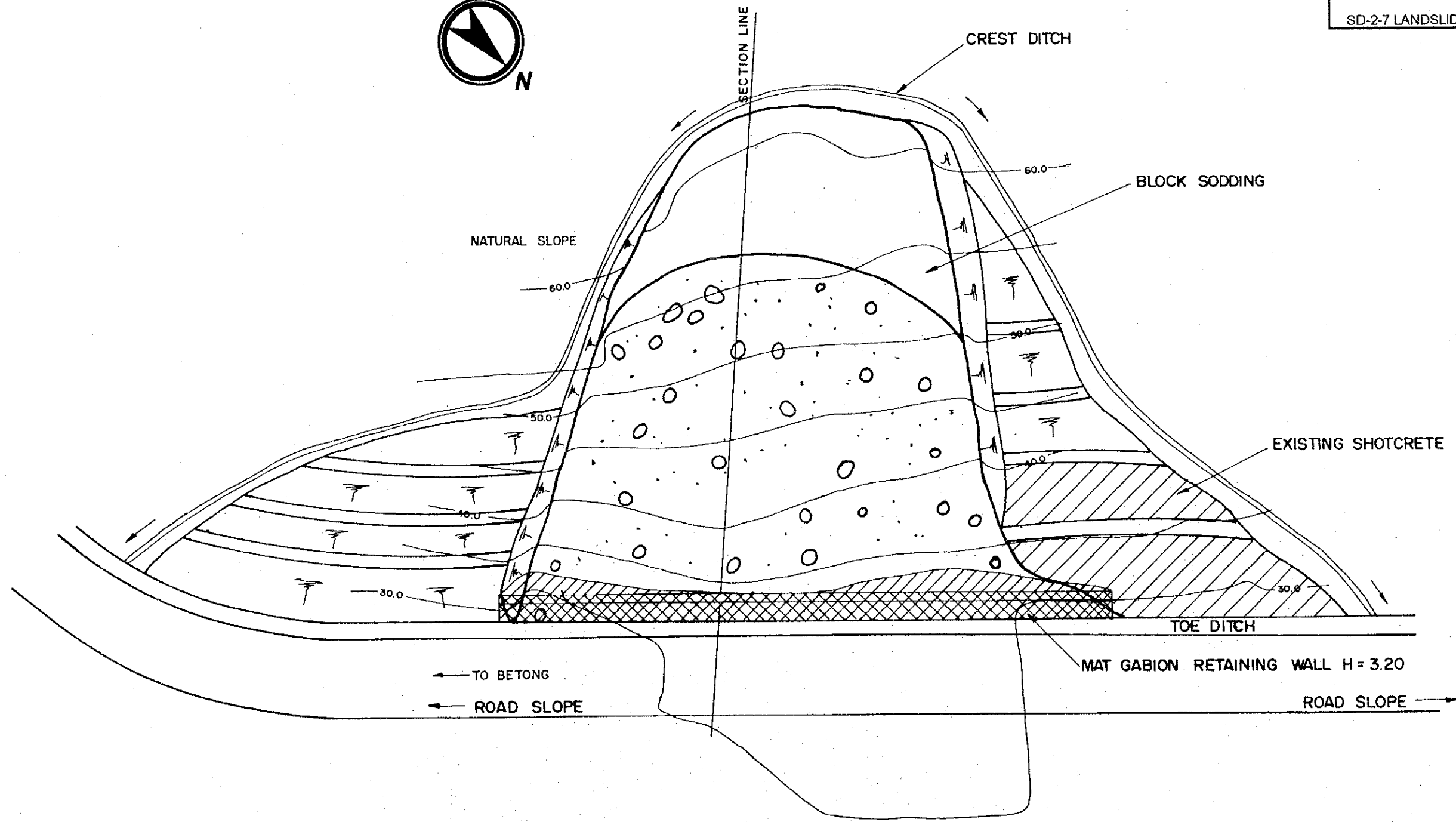
ANTI-SEEP COLLARS HALF LONGITUDINAL ELEVATION



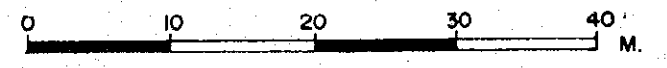
SINGLE TYPE SECTION A - A

BOX CULVERT SCALE 1:250

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/2	76.420	3 OF 68
TEMPORARY REPAIR WORK (1/2)		
SD-2-7 LANDSLIDE ON CUT SLOPE		



PLAN SCALE 1:500

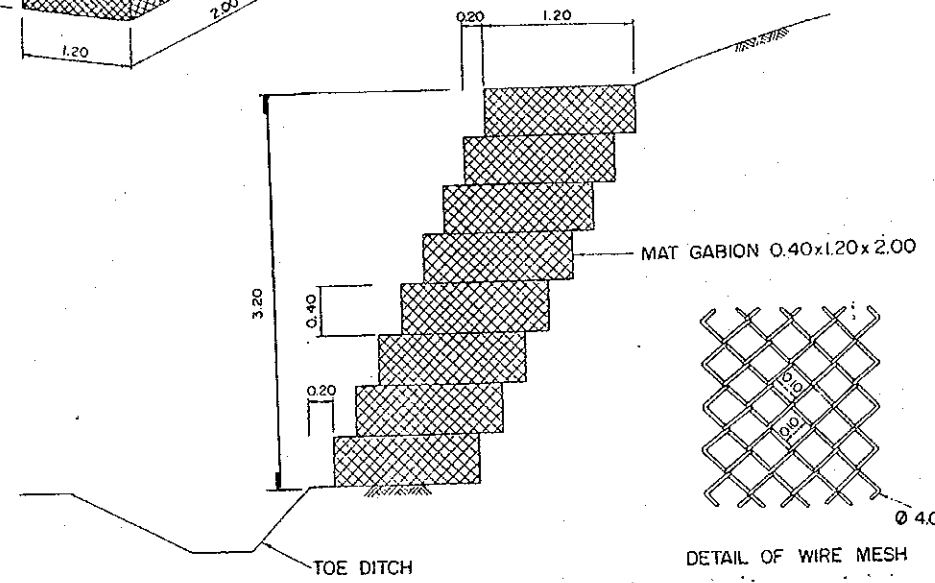
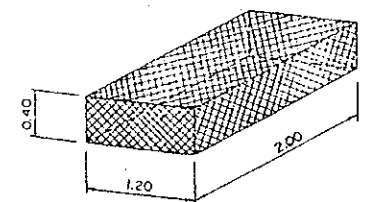


JICA RDPP STUDY

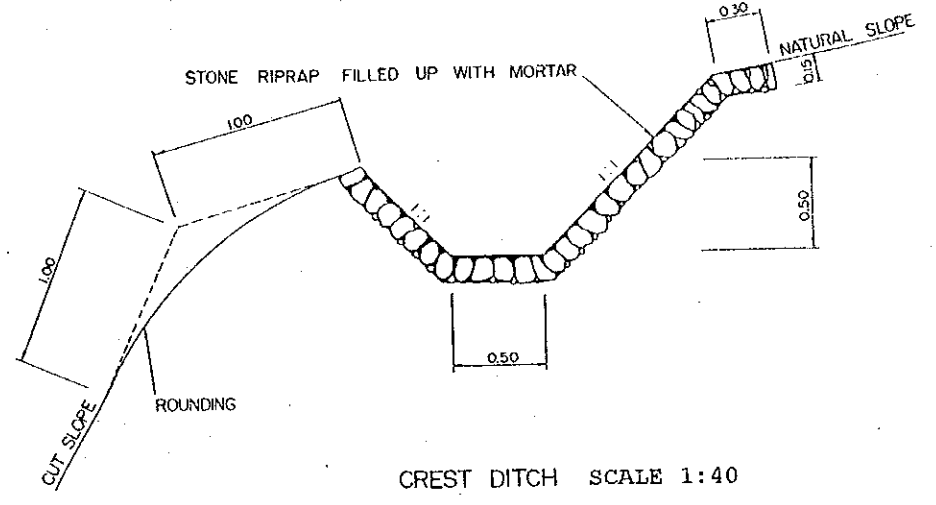
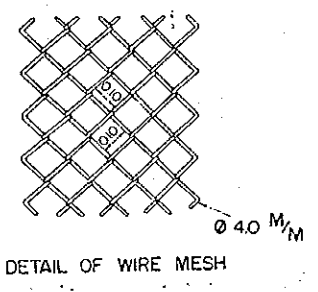
SPOT NO. 410/2 KM. 76.420 SHEET NO. 4 OF 68

TEMPORARY REPAIR WORK (2/2)

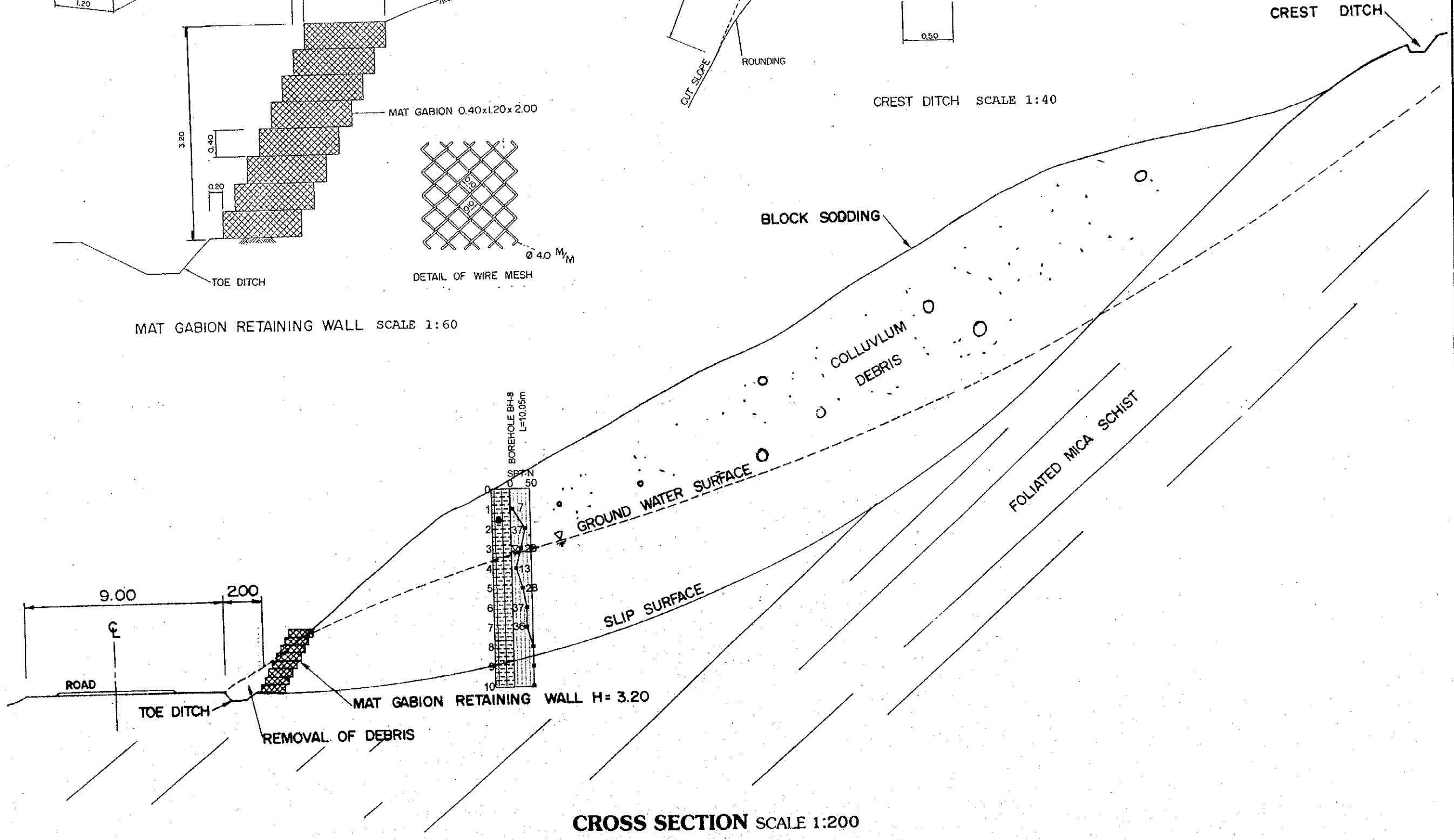
SD-2-7 LANDSLIDE ON CUT SLOPE



MAT GABION RETAINING WALL SCALE 1:60

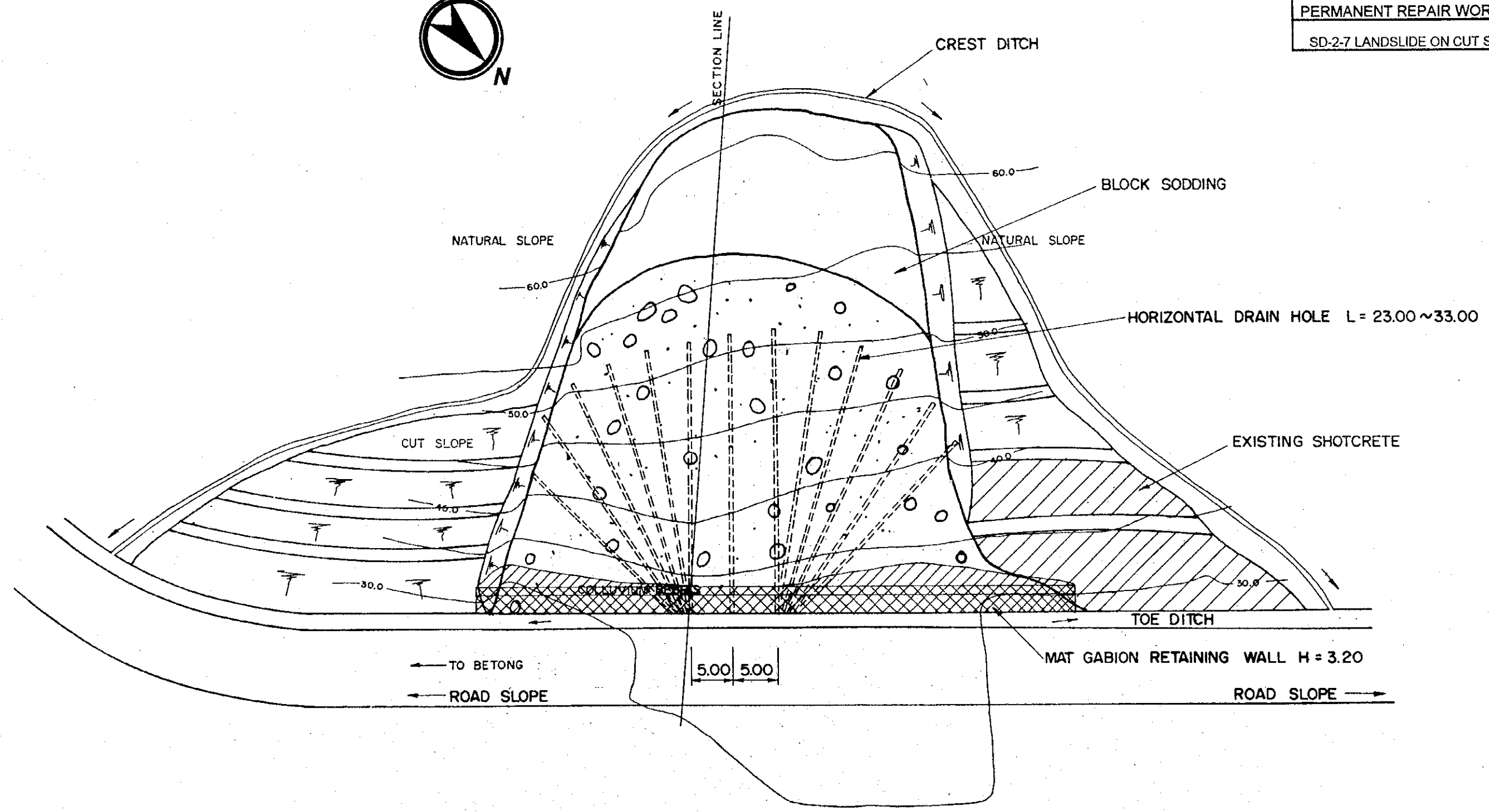


CREST DITCH SCALE 1:40

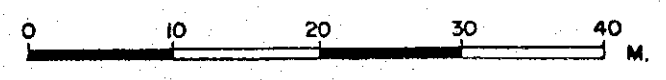


CROSS SECTION SCALE 1:200

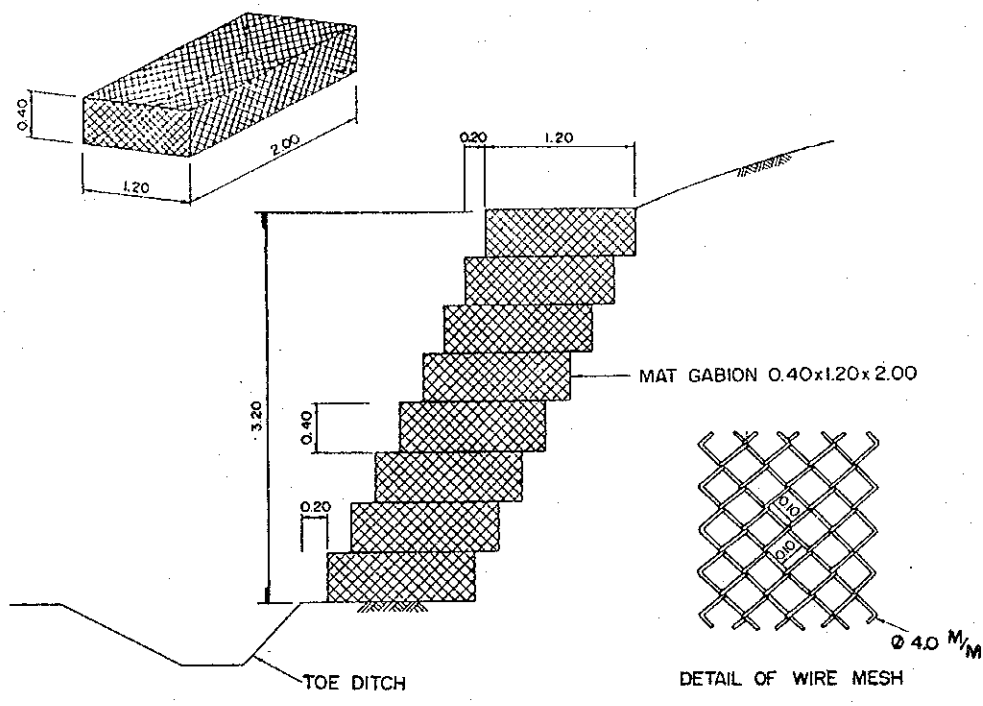
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/2	76.420	5 OF 68
PERMANENT REPAIR WORK (1/2)		
SD-2-7 LANDSLIDE ON CUT SLOPE		



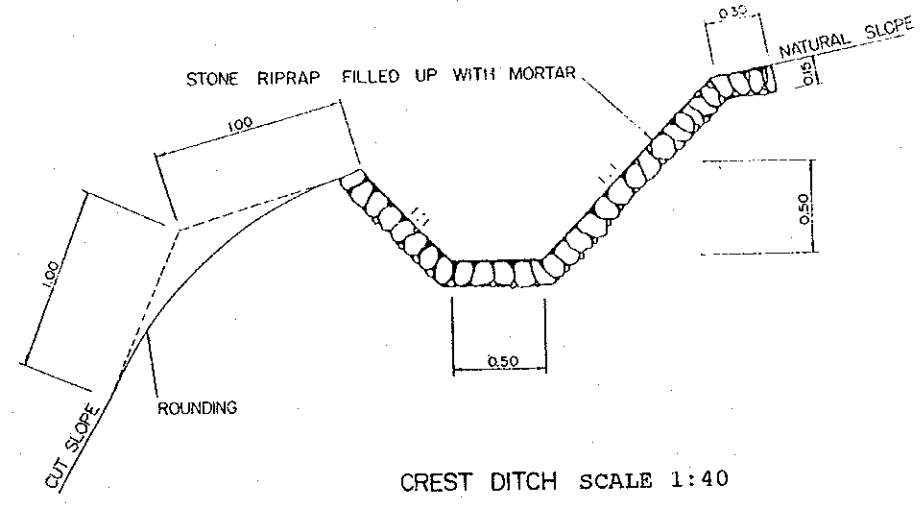
PLAN SCALE 1:500



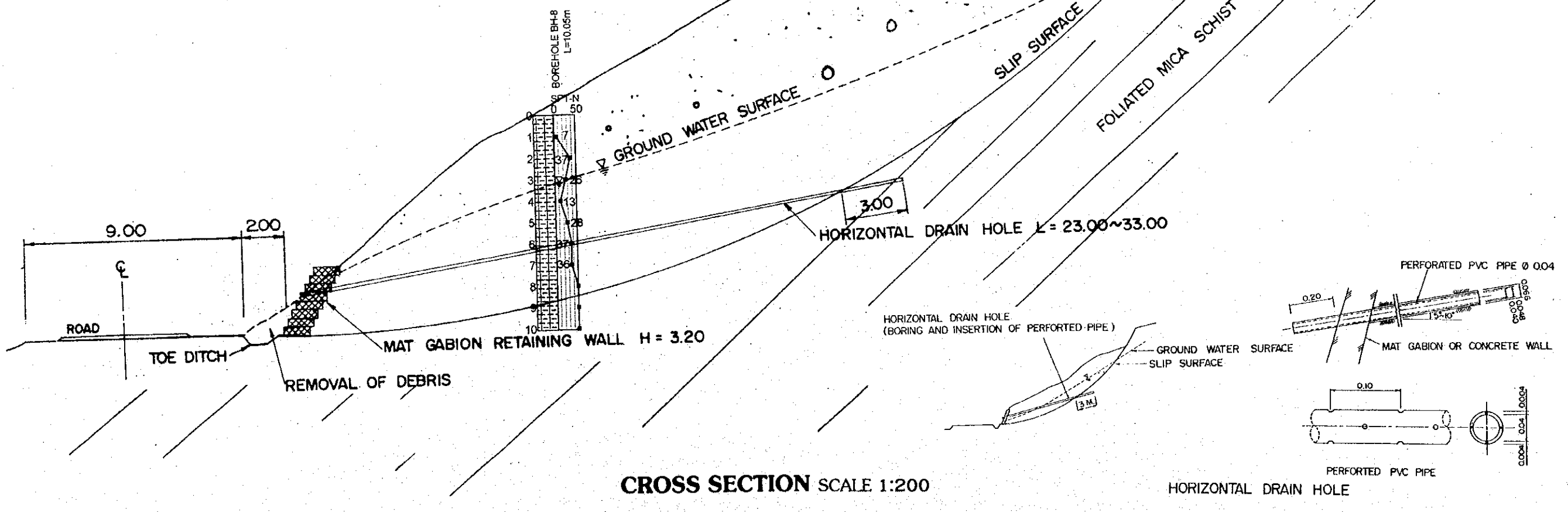
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/2	76.420	6 OF 68
PERMANENT REPAIR WORK (2/2)		
SD-2-7 LANDSLIDE ON CUT SLOPE		



MAT GABION RETAINING WALL SCALE 1:60



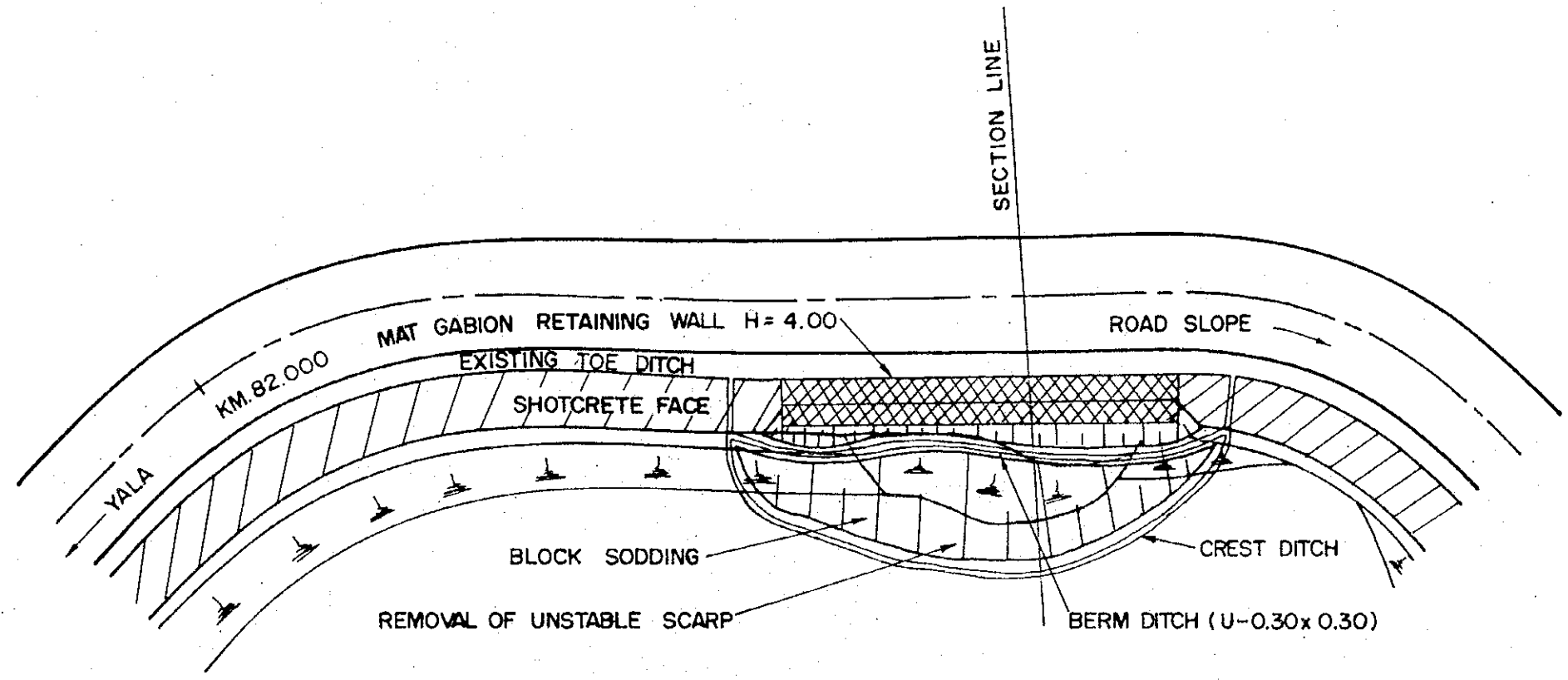
BLOCK SODDING



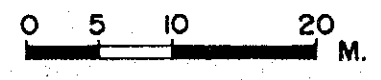
CROSS SECTION SCALE 1:200

HORIZONTAL DRAIN HOLE

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/3	82.100	7 OF 68
PERMANENT REPAIR WORK (1/2)		
SD-2-6 LANDSLIDE ON CUT SLOPE		



PLAN SCALE 1:500

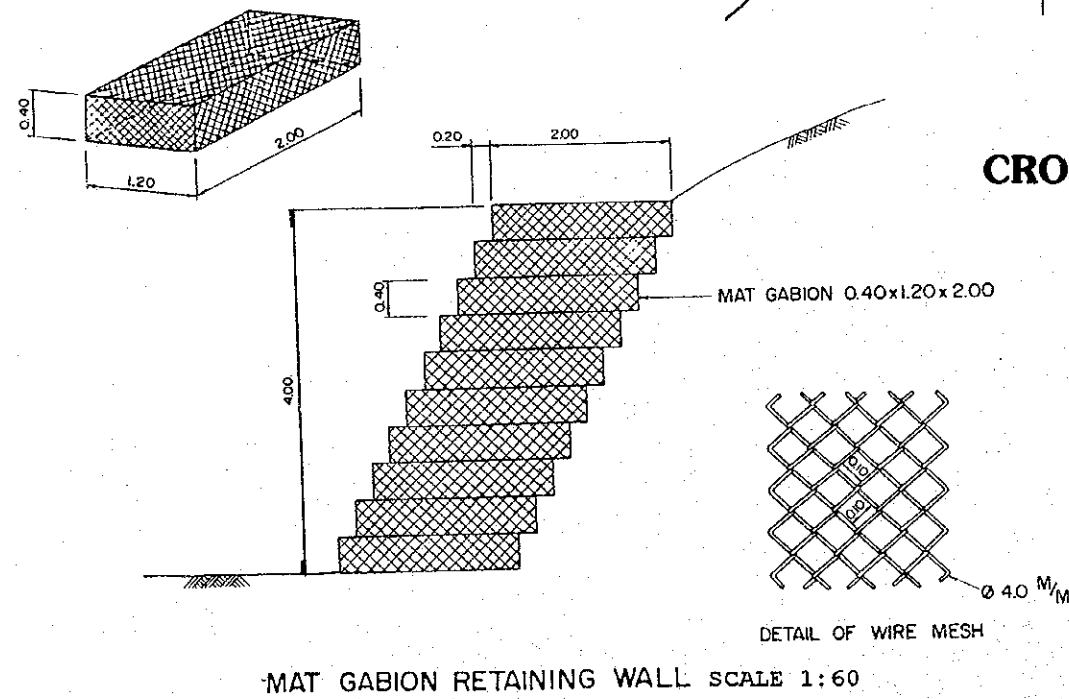
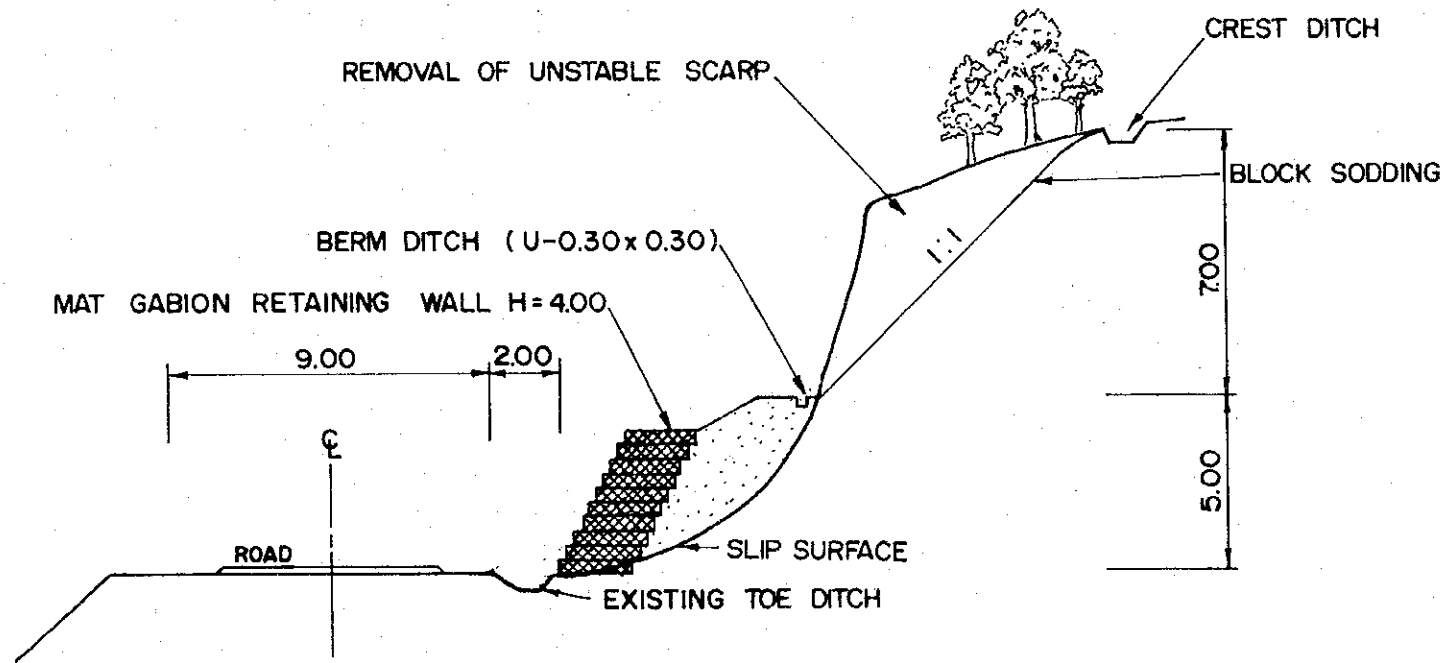
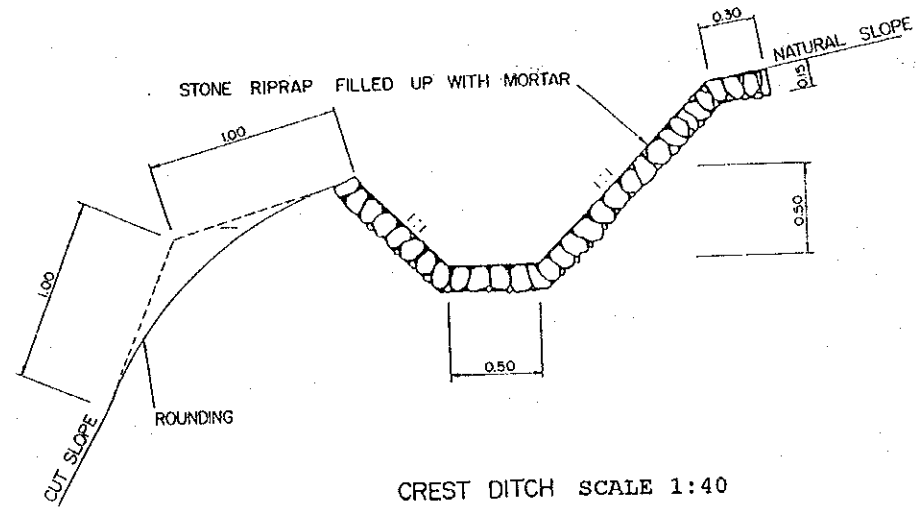


JICA RDPP STUDY

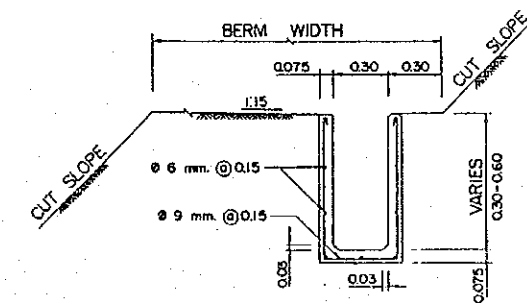
SPOT NO.	KM.	SHEET NO.
410/3	82.100	8 OF 68

PERMANENT REPAIR WORK (2/2)

SD-2-6 LANDSLIDE ON CUT SLOPE



CROSS SECTION SCALE 1:200



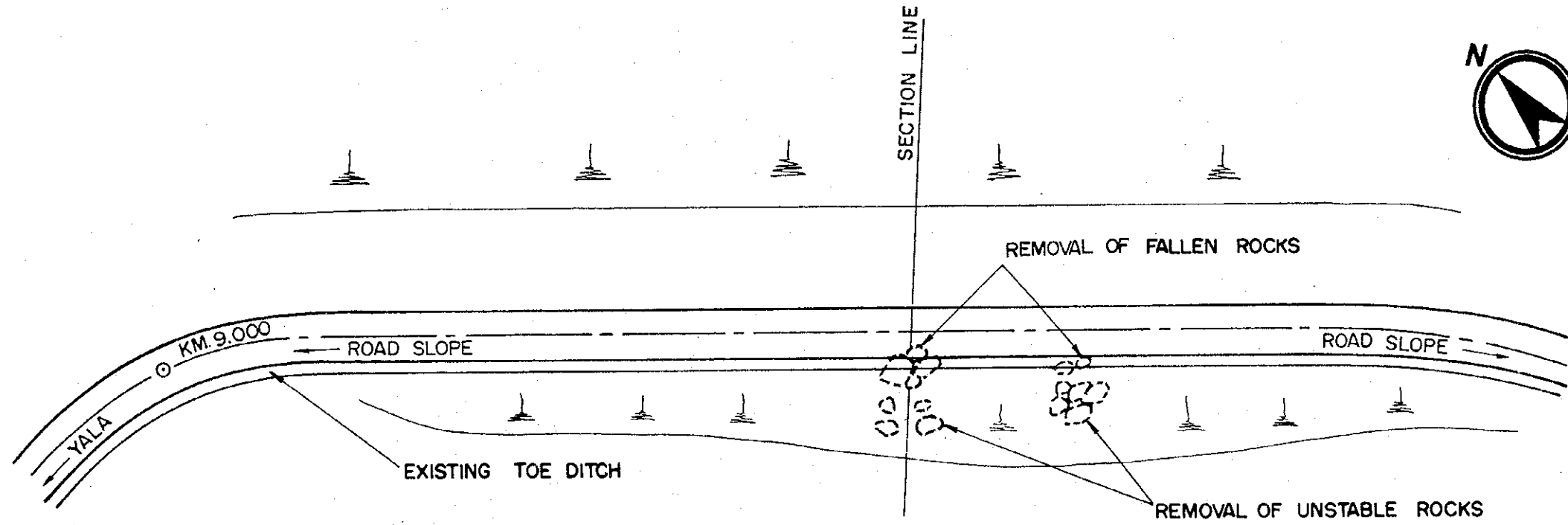
BERM DITCH SCALE 1:40

JICA RDPP STUDY

SPOT NO.	KM.	SHEET NO.
410/4	85.700	9 OF 68

TEMPORARY REPAIR WORK (1/2)

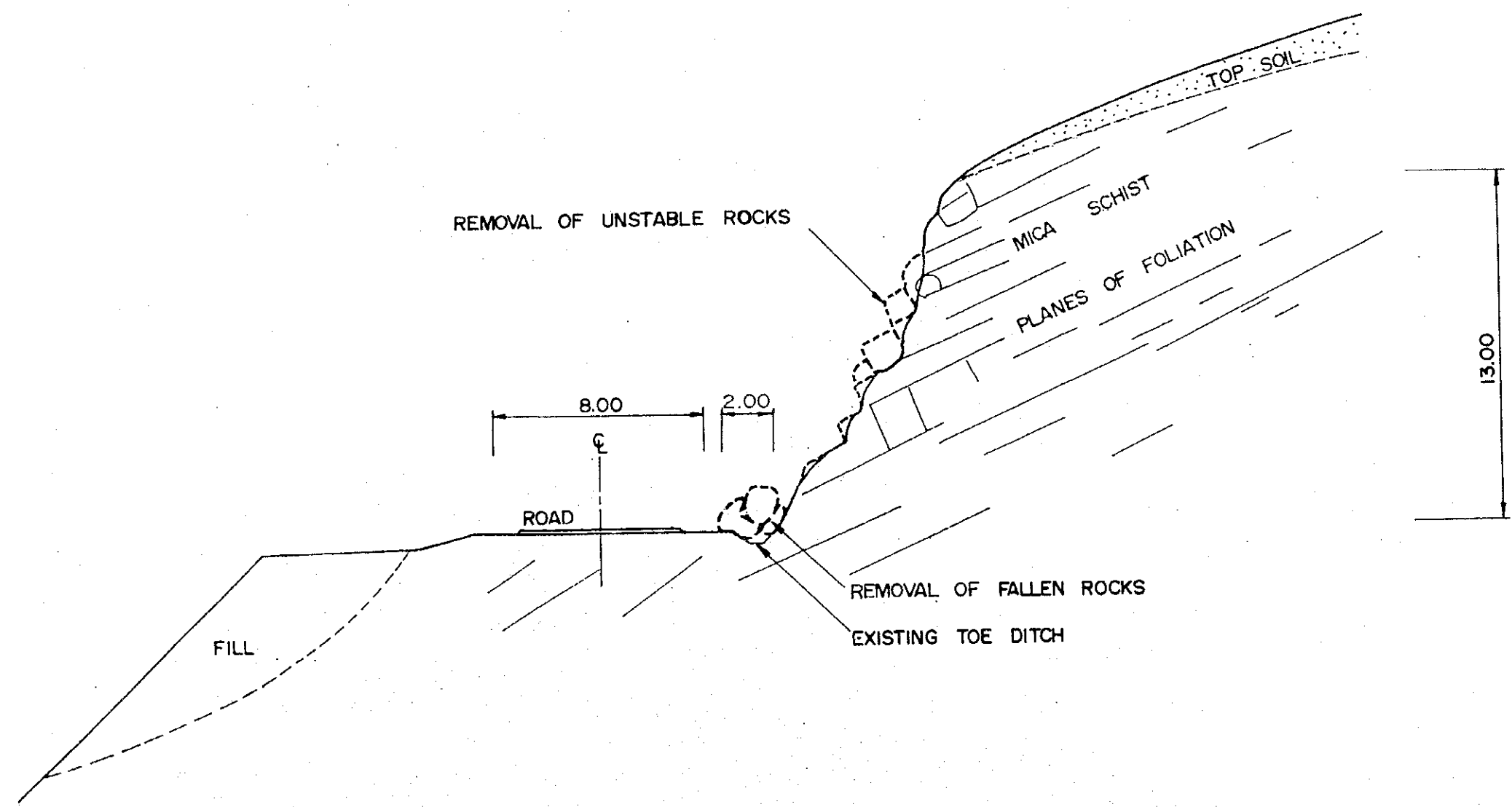
SD-2-9 ROCKFALL ON CUT SLOPE



PLAN SCALE 1:500

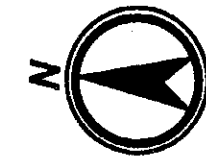
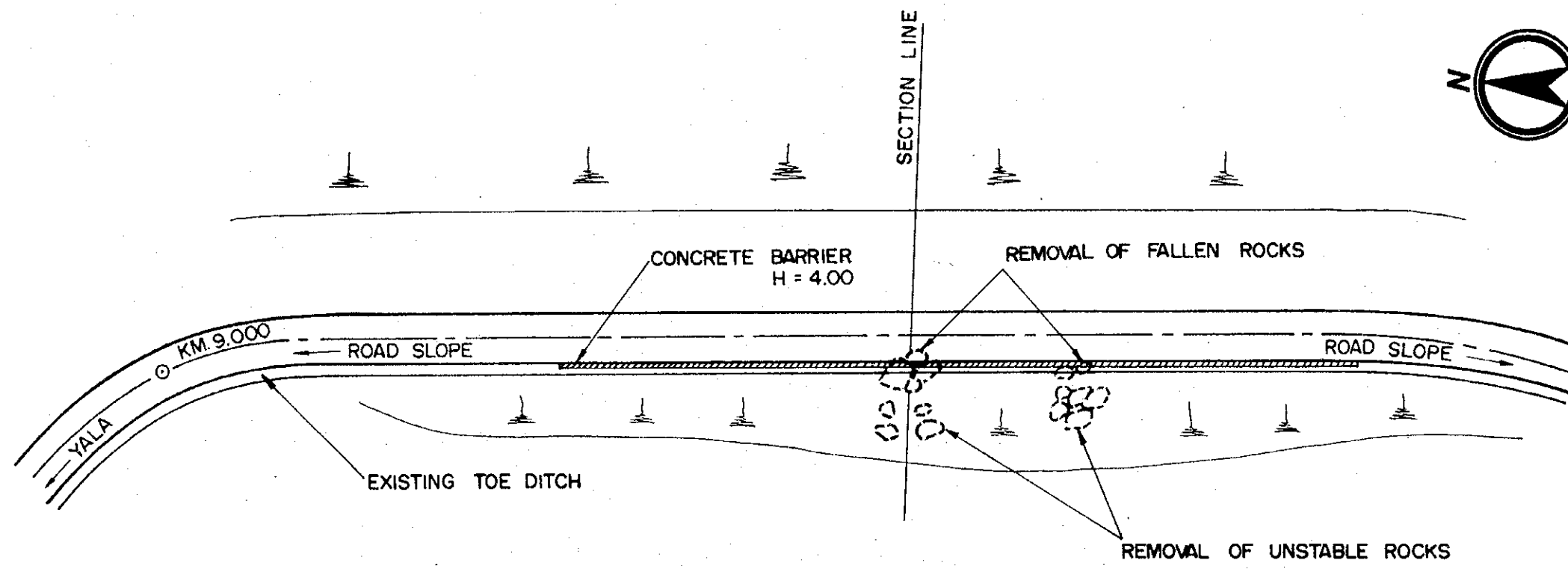
0 10 20 40 M.

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/4	85.700	10 OF 68
TEMPORARY REPAIR WORK (2/2)		
SD-2-9 ROCKFALL ON CUT SLOPE		

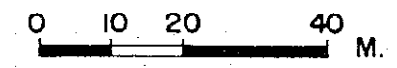


CROSS SECTION SCALE 1:200

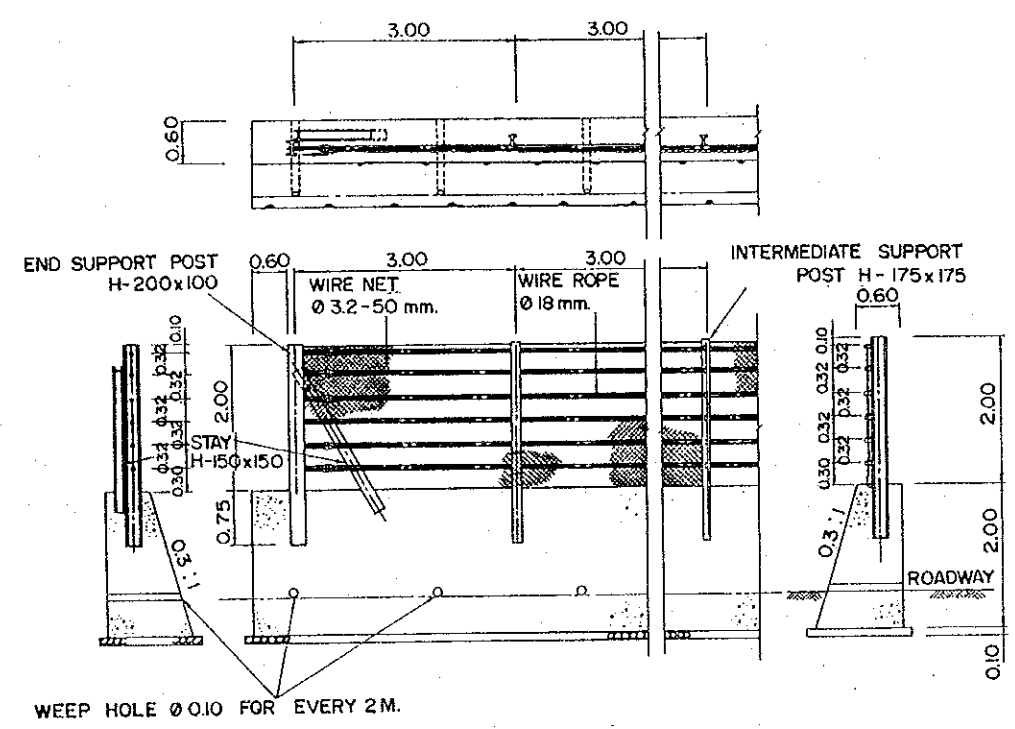
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/4	85.700	11 OF 68
PERMANENT REPAIR WORK (1/2)		
SD-2-9 ROCKFALL ON CUT SLOPE		



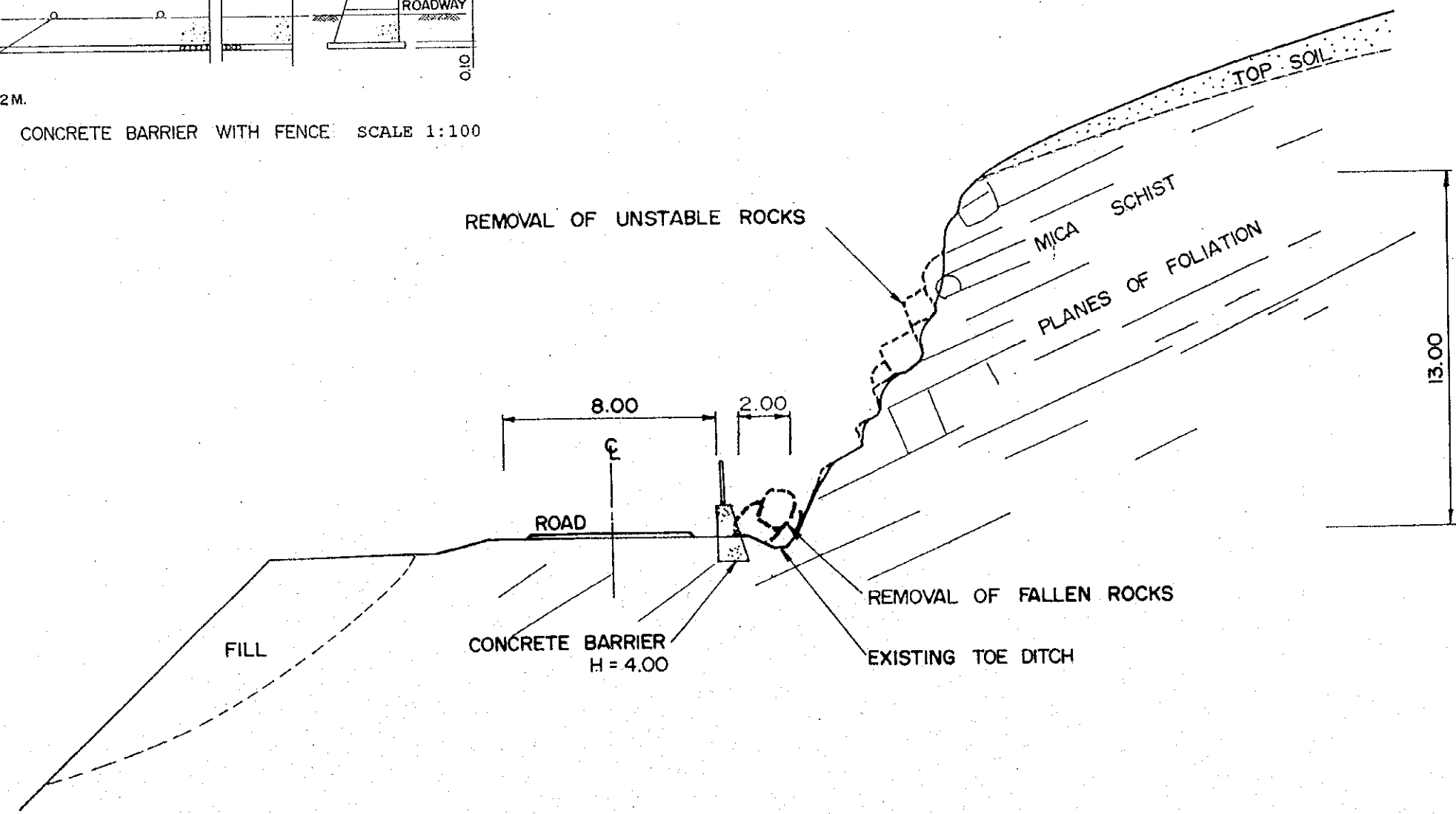
PLAN SCALE 1:500



JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/4	85.700	12 OF 68
PERMANENT REPAIR WORK (2/2)		
SD-2-9 ROCKFALL ON CUT SLOPE		

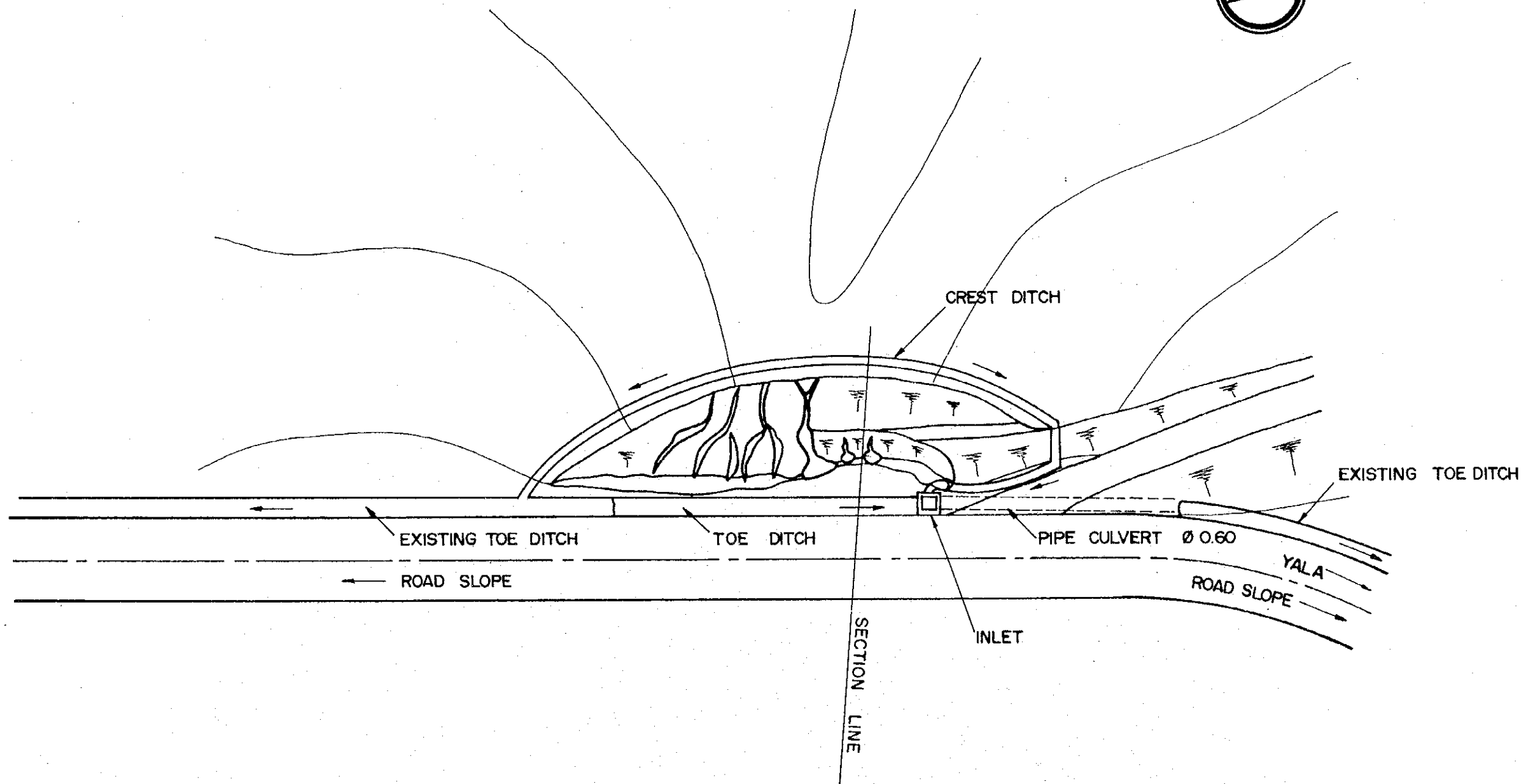


CONCRETE BARRIER WITH FENCE SCALE 1:100

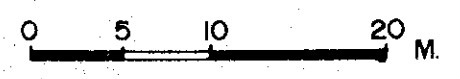


CROSS SECTION SCALE 1:200

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/5	96.300	13 OF 68
PERMANENT REPAIR WORK (1/2)		
SD-2-3 EROSION ON CUT SLOPE		



PLAN SCALE 1:500

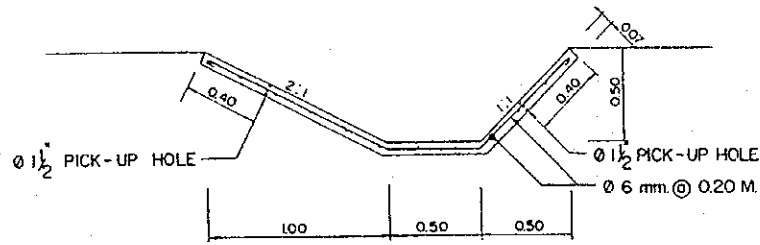


JICA RDPP STUDY

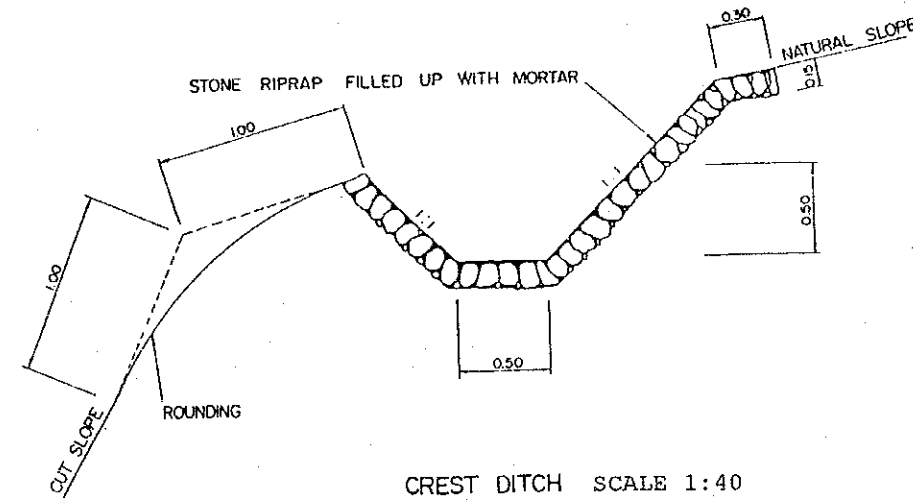
SPOT NO.	KM.	SHEET NO.
410/5	96.300	14 OF 68

PERMANENT REPAIR WORK (2/2)

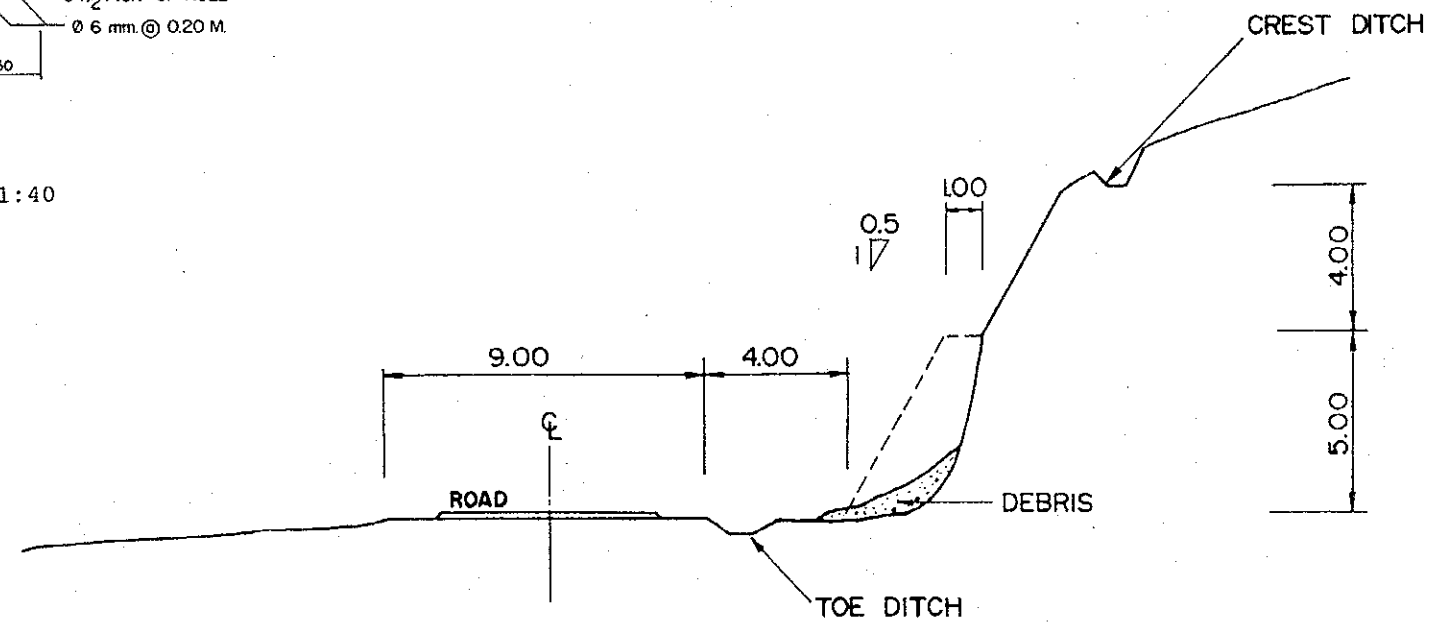
SD-2-3 EROSION ON CUT SLOPE



TOE DITCH SCALE 1:40

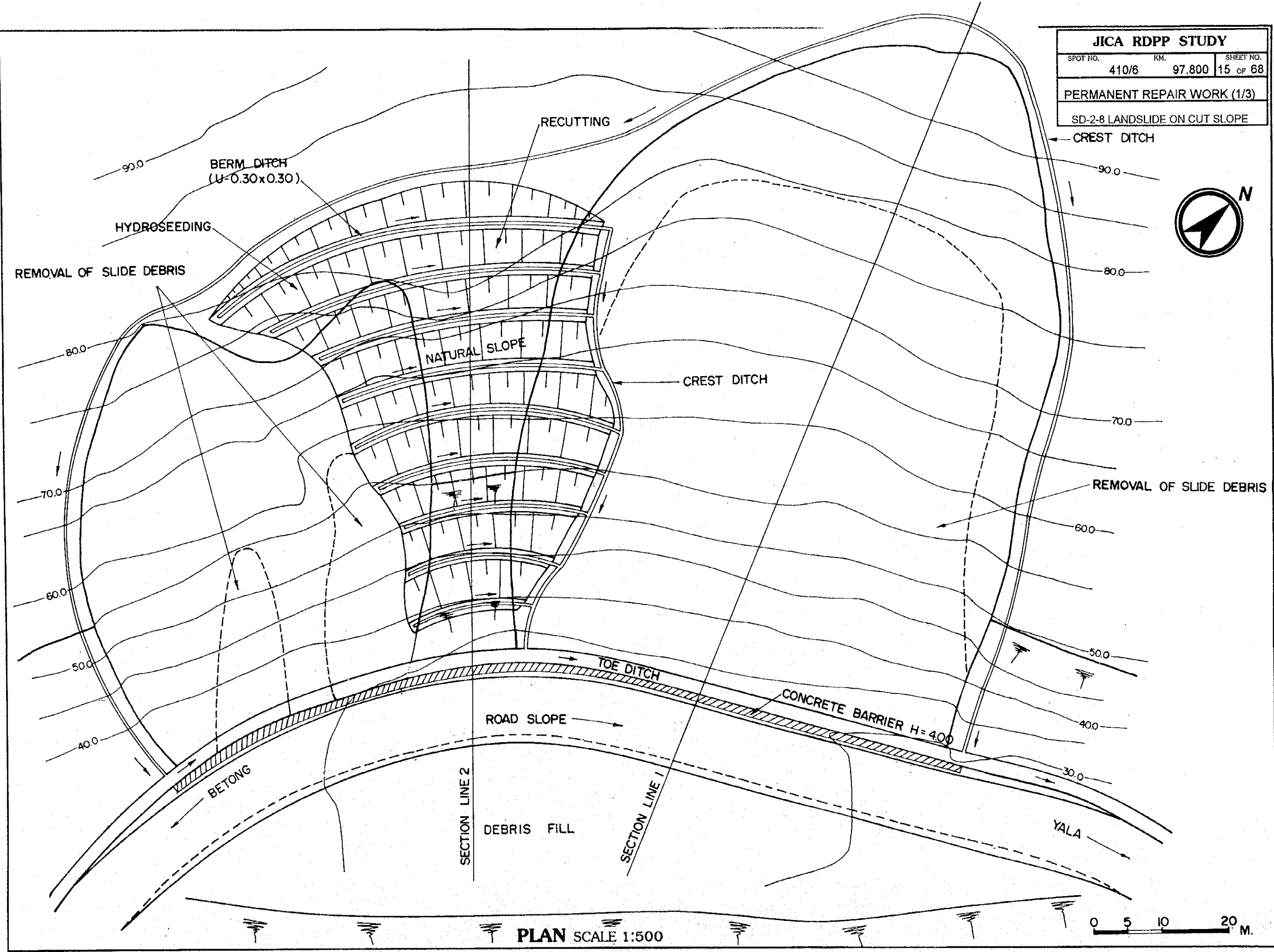


CREST DITCH SCALE 1:40



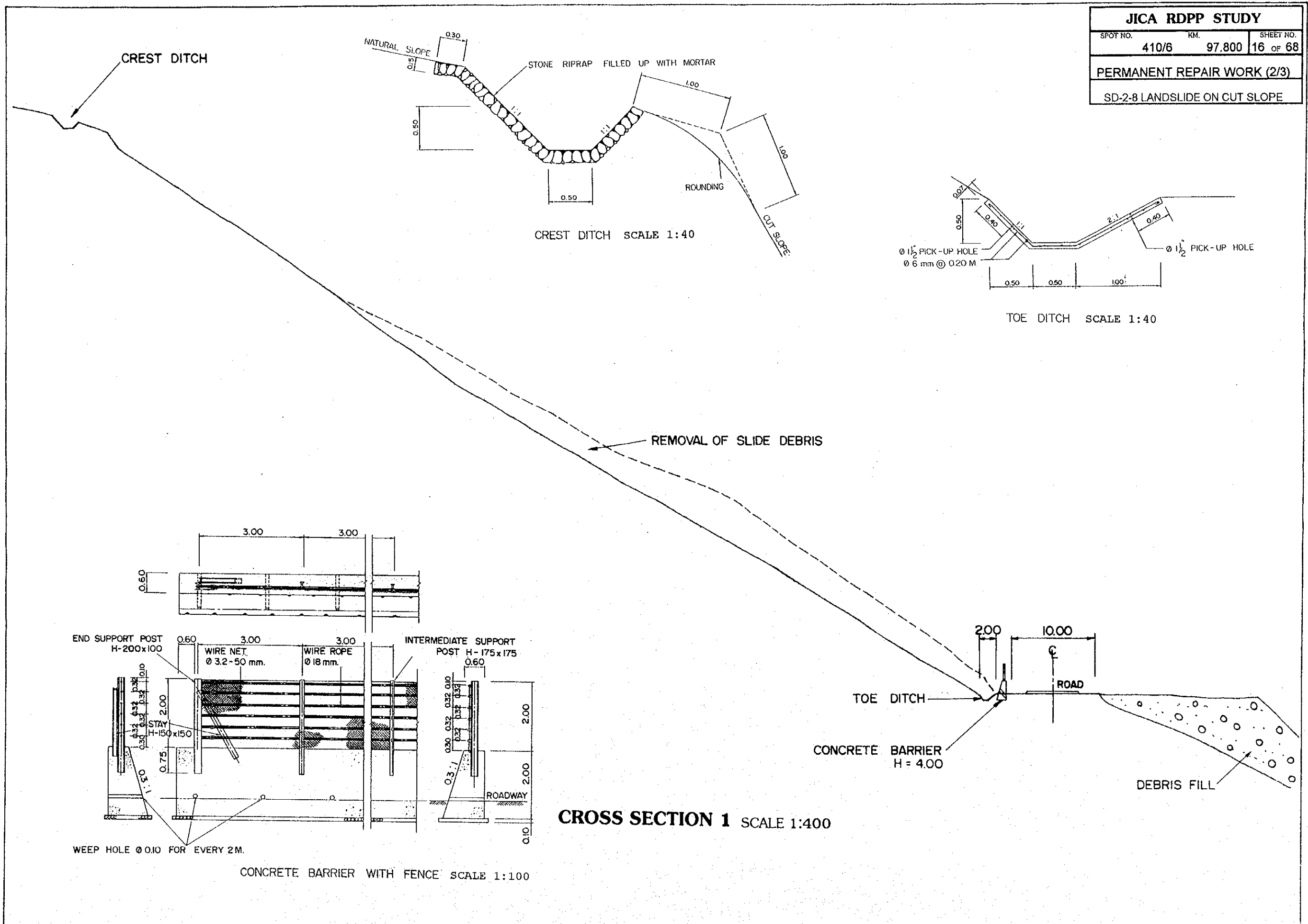
CROSS SECTION SCALE 1:200

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/6	97.800	15 of 68
PERMANENT REPAIR WORK (1/3)		
SD-2-8 LANDSLIDE ON CUT SLOPE		



PLAN SCALE 1:500

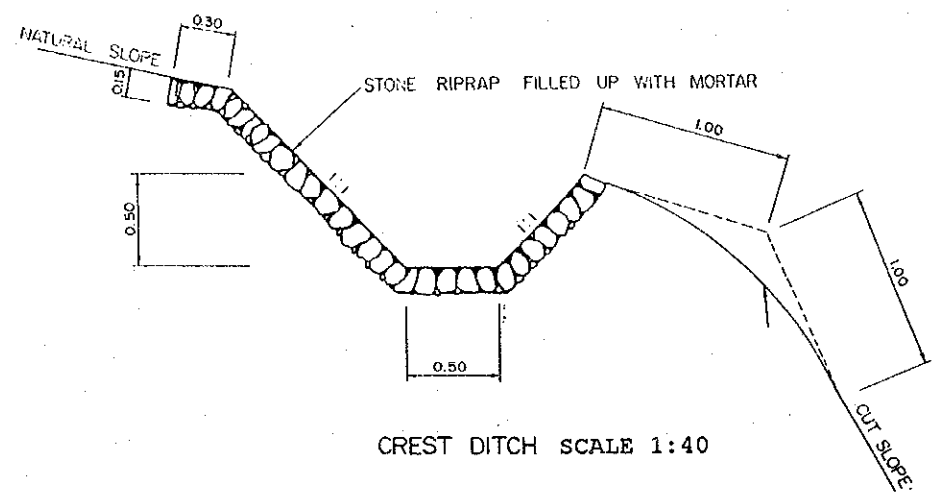
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/6	97.800	16 OF 68
PERMANENT REPAIR WORK (2/3)		
SD-2-8 LANDSLIDE ON CUT SLOPE		



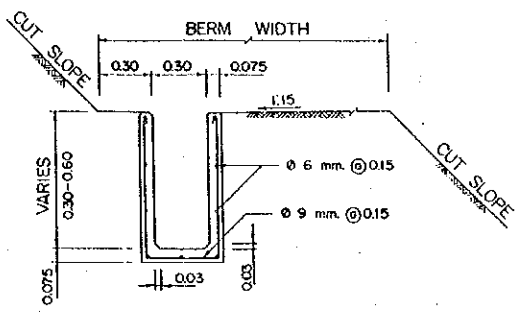
CROSS SECTION 1 SCALE 1:400

CONCRETE BARRIER WITH FENCE SCALE 1:100

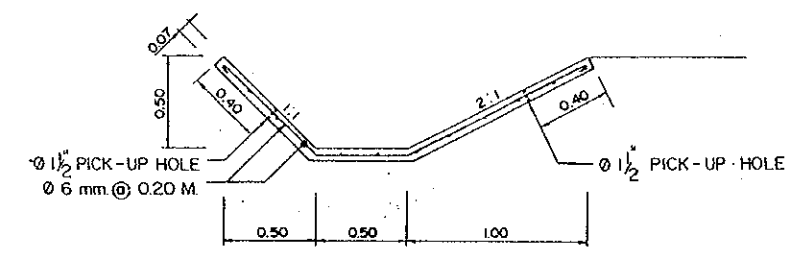
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/6	97.800	17 OF 68
PERMANENT REPAIR WORK (3/3)		
SD-2-8 LANDSLIDE ON CUT SLOPE		



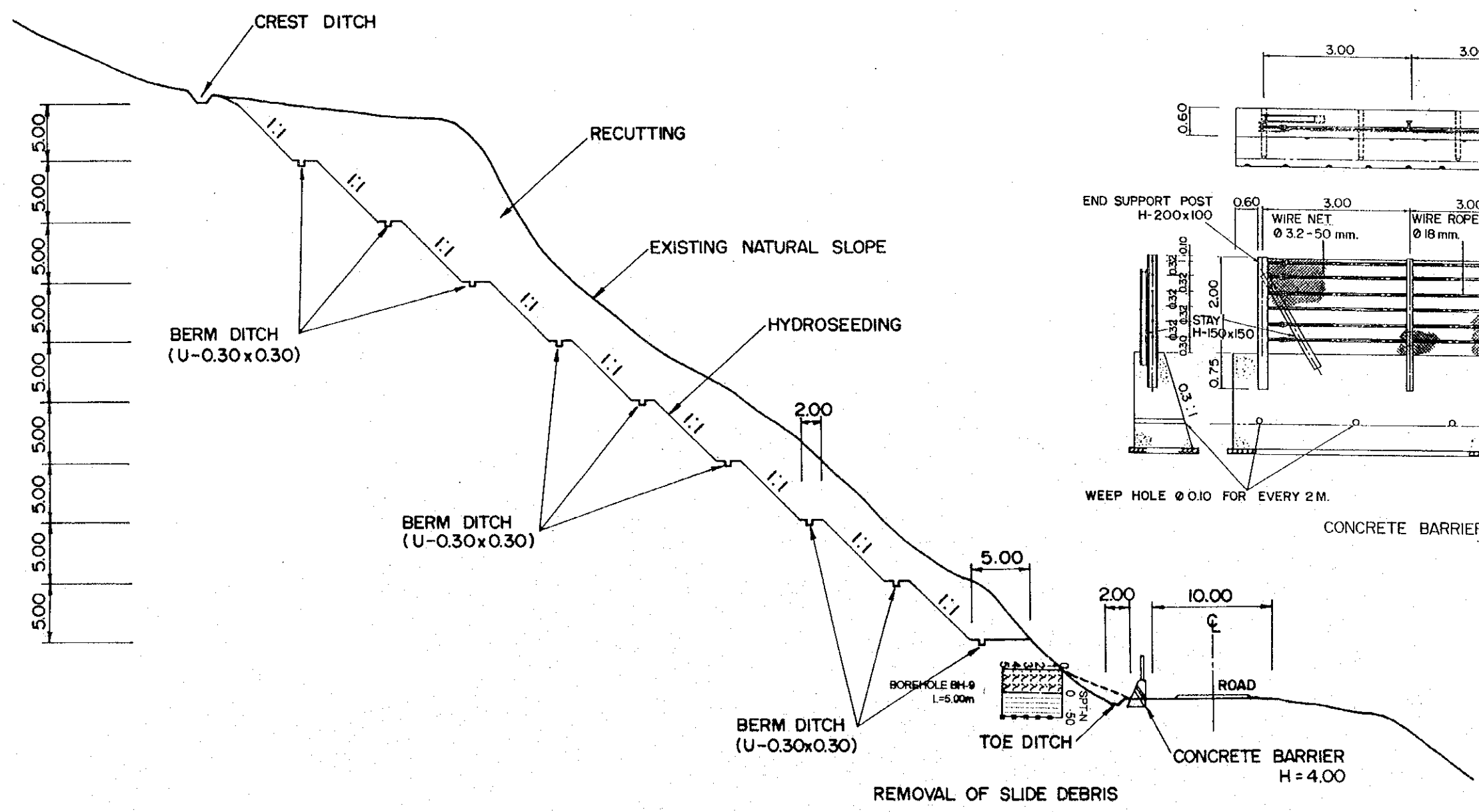
CREST DITCH SCALE 1:40



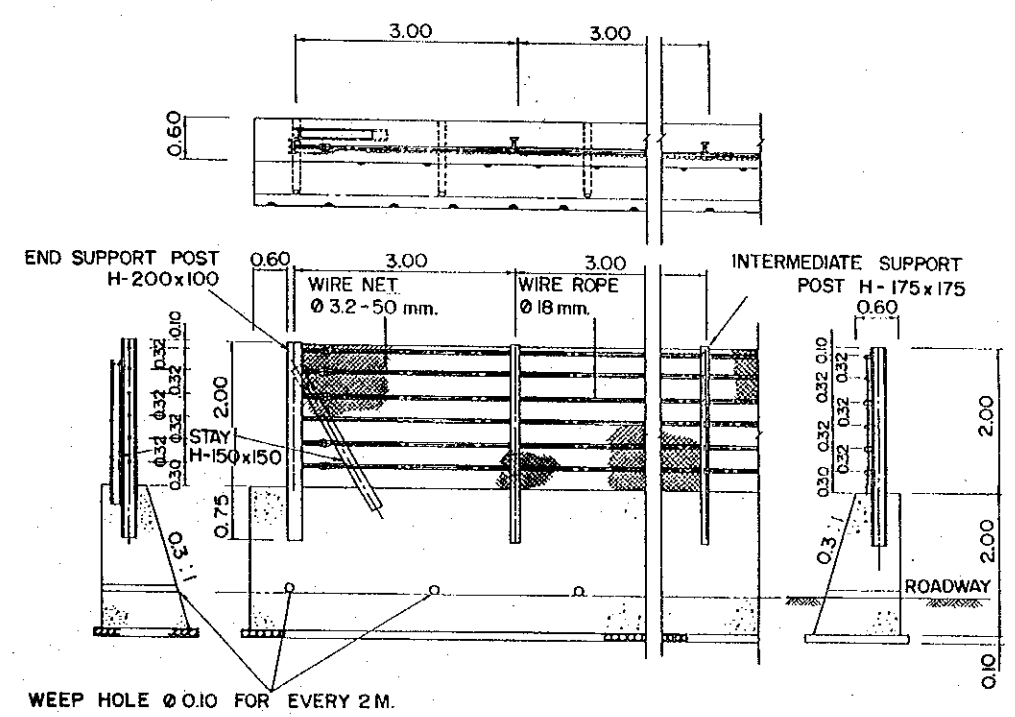
BERM DITCH SCALE 1:40



TOE DITCH SCALE 1:40



CROSS SECTION 2 SCALE 1:400



CONCRETE BARRIER WITH FENCE SCALE 1:100

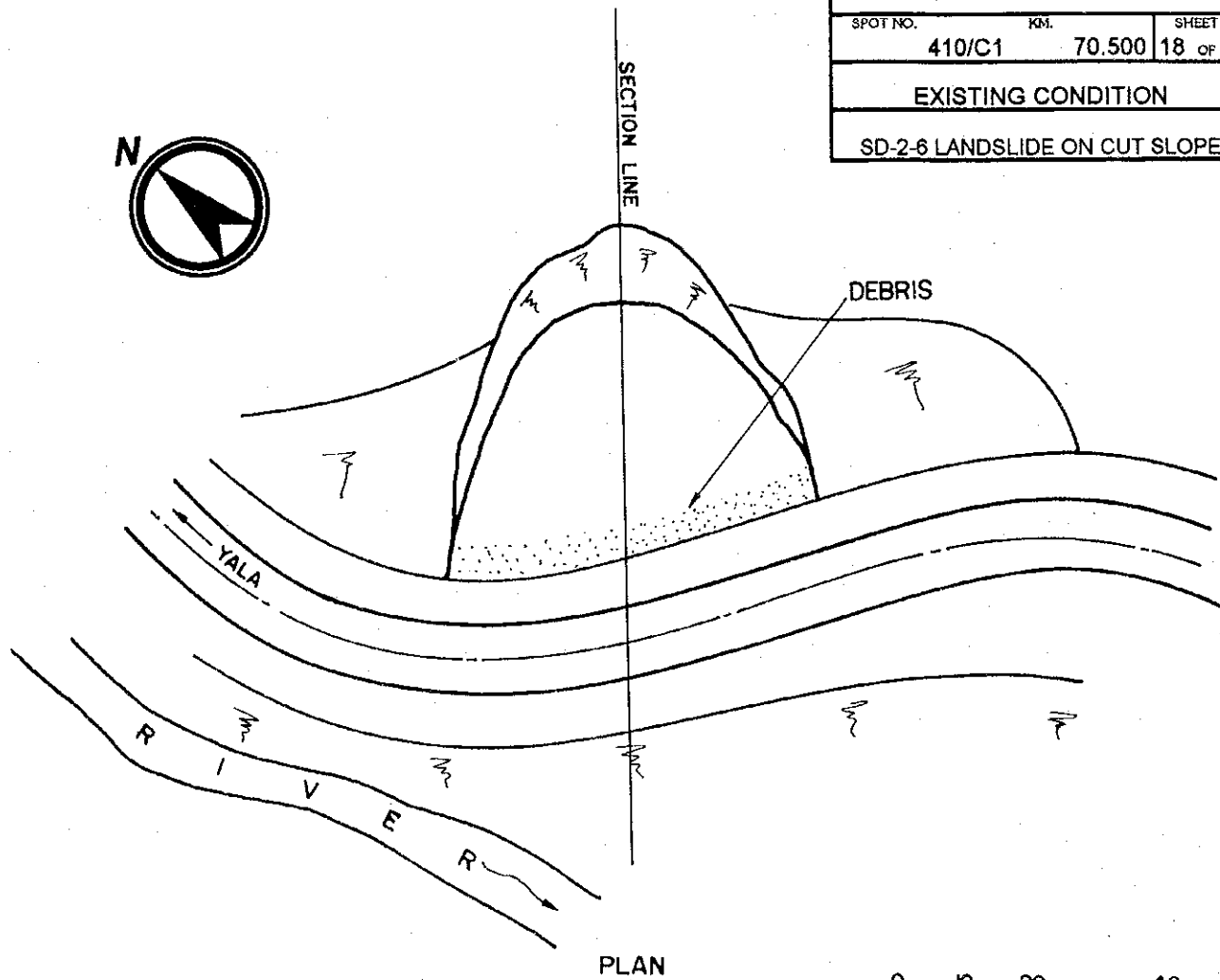
3. Existing Condition

JICA RDPP STUDY

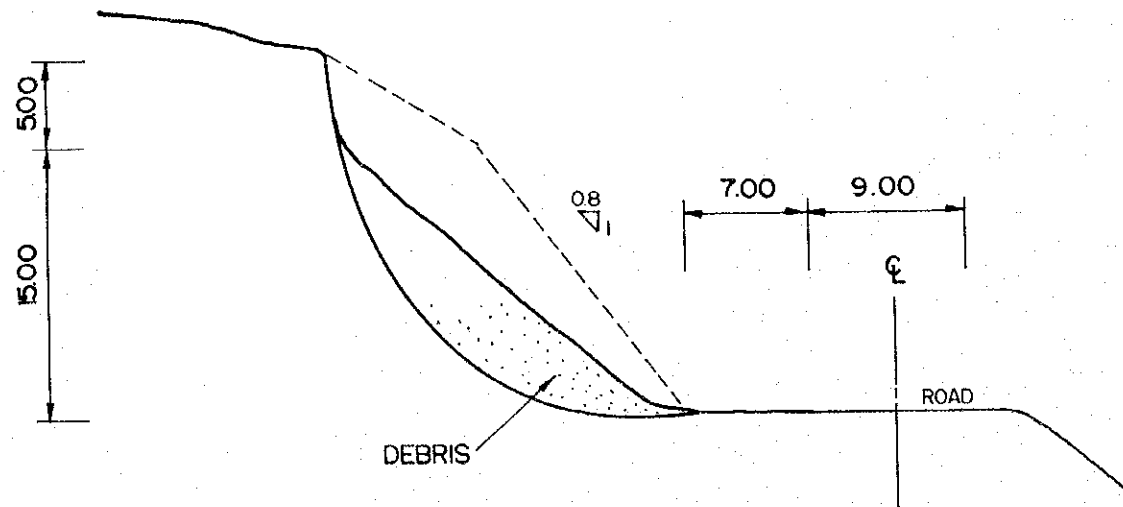
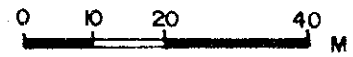
SPOT NO. 410/C1 KM. 70.500 SHEET NO. 18 OF 68

EXISTING CONDITION

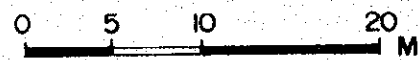
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

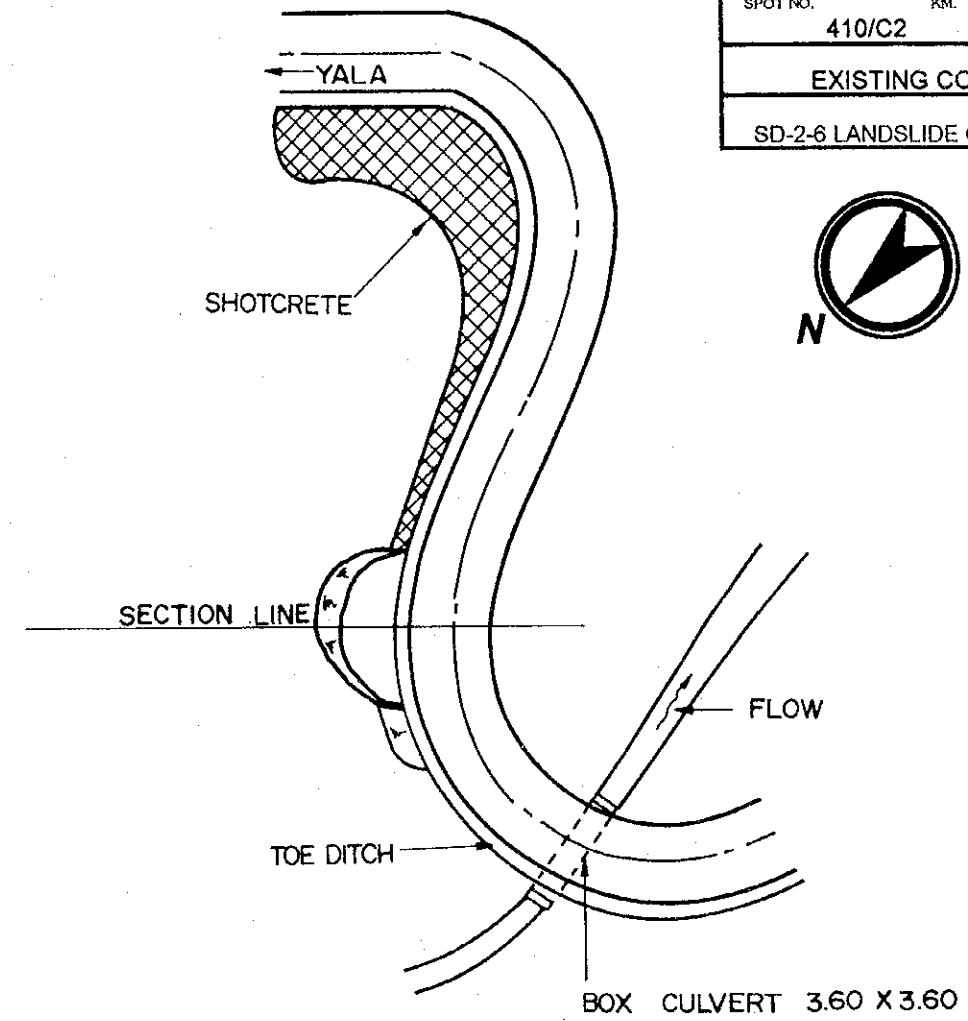


JICA RDPP STUDY

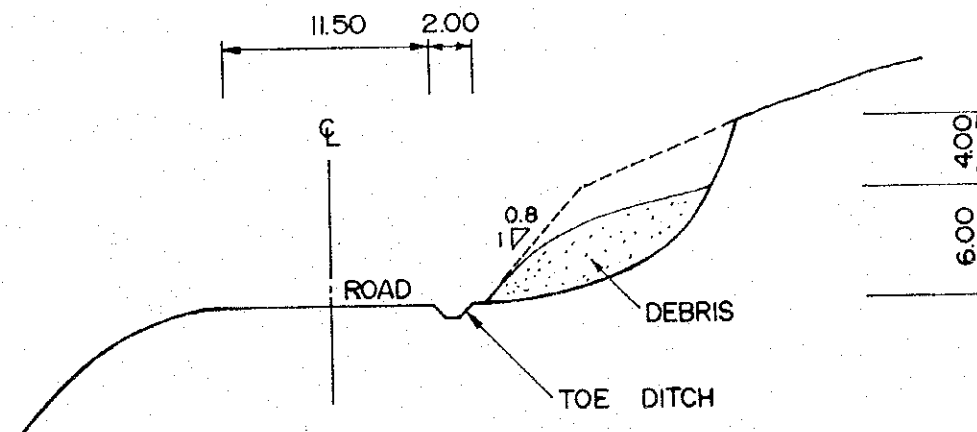
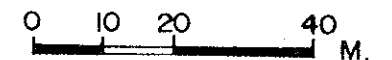
SPOT NO. 410/C2 KM. 75.550 SHEET NO. 19 OF 68

EXISTING CONDITION

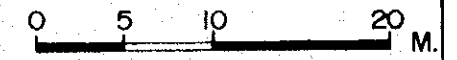
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

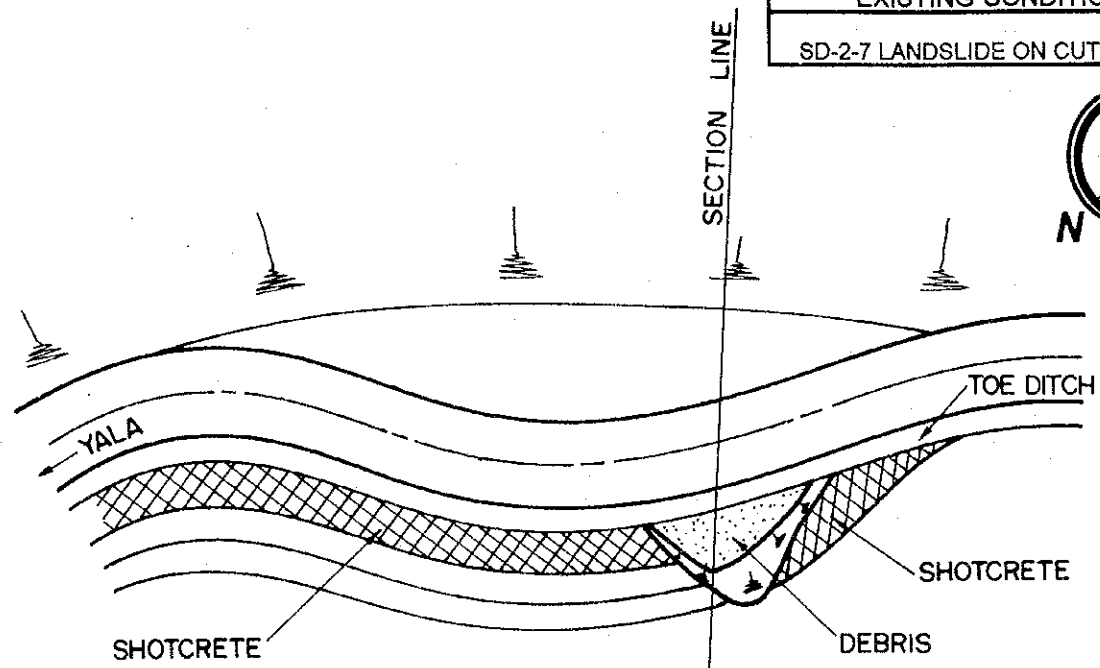


JICA RDPP STUDY

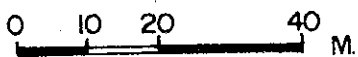
SPOT NO.	KM.	SHEET NO.
410/C3	75.850	20 OF 68

EXISTING CONDITION

SD-2-7 LANDSLIDE ON CUT SLOPE



PLAN

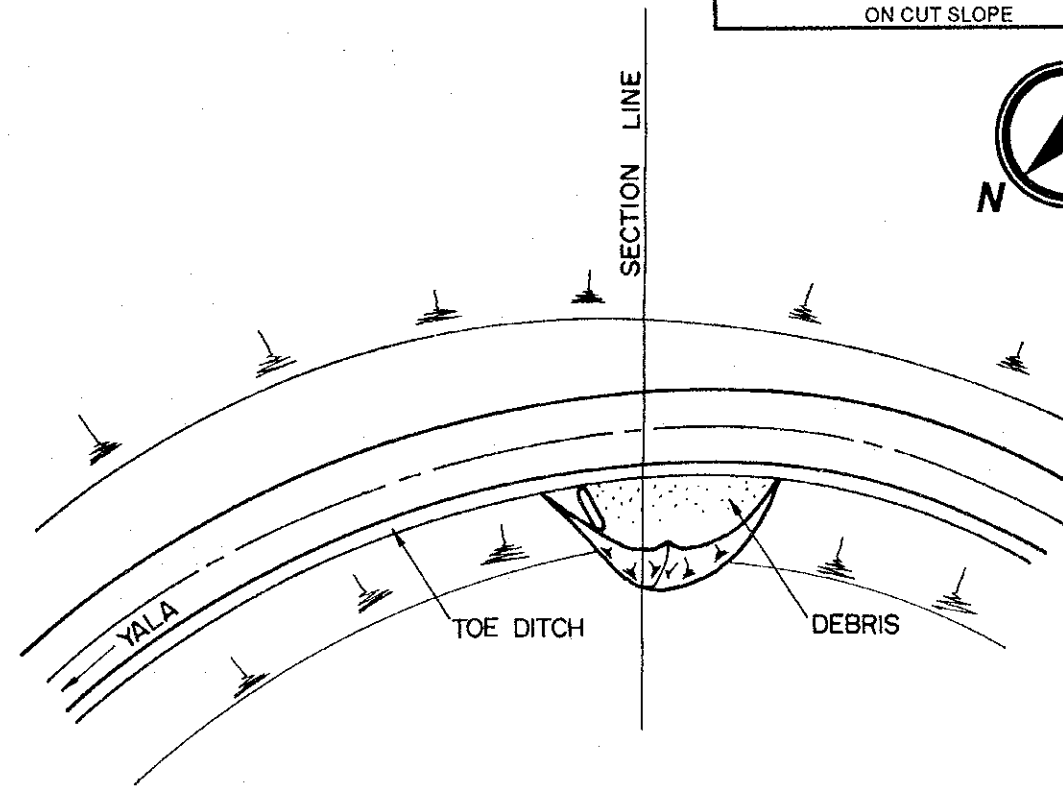


JICA RDPP STUDY

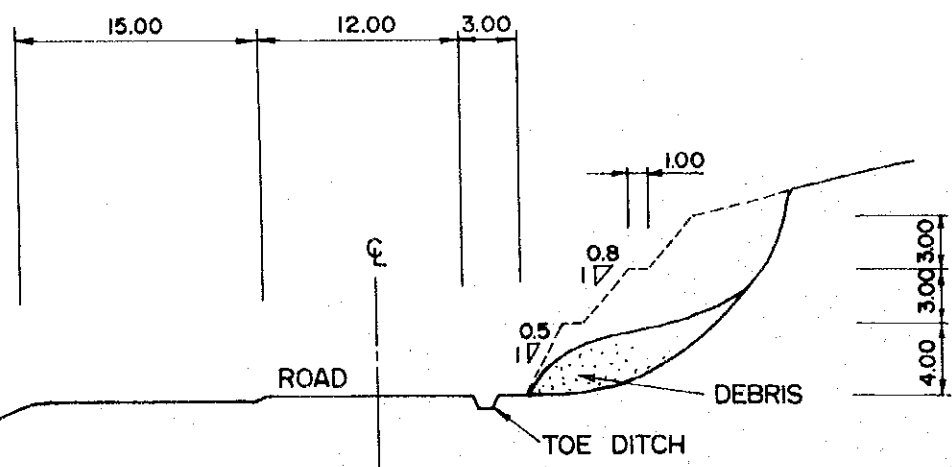
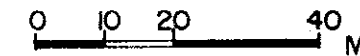
SPOT NO.	KM.	SHEET NO.
410/C4	76.550	21 OF 68

EXISTING CONDITION

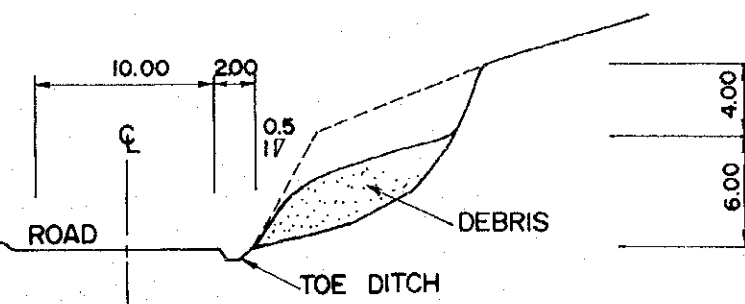
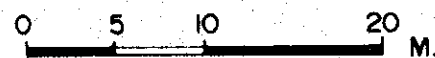
SD-2-6/3 LANDSLIDE AND EROSION ON CUT SLOPE



PLAN



CROSS SECTION



CROSS SECTION

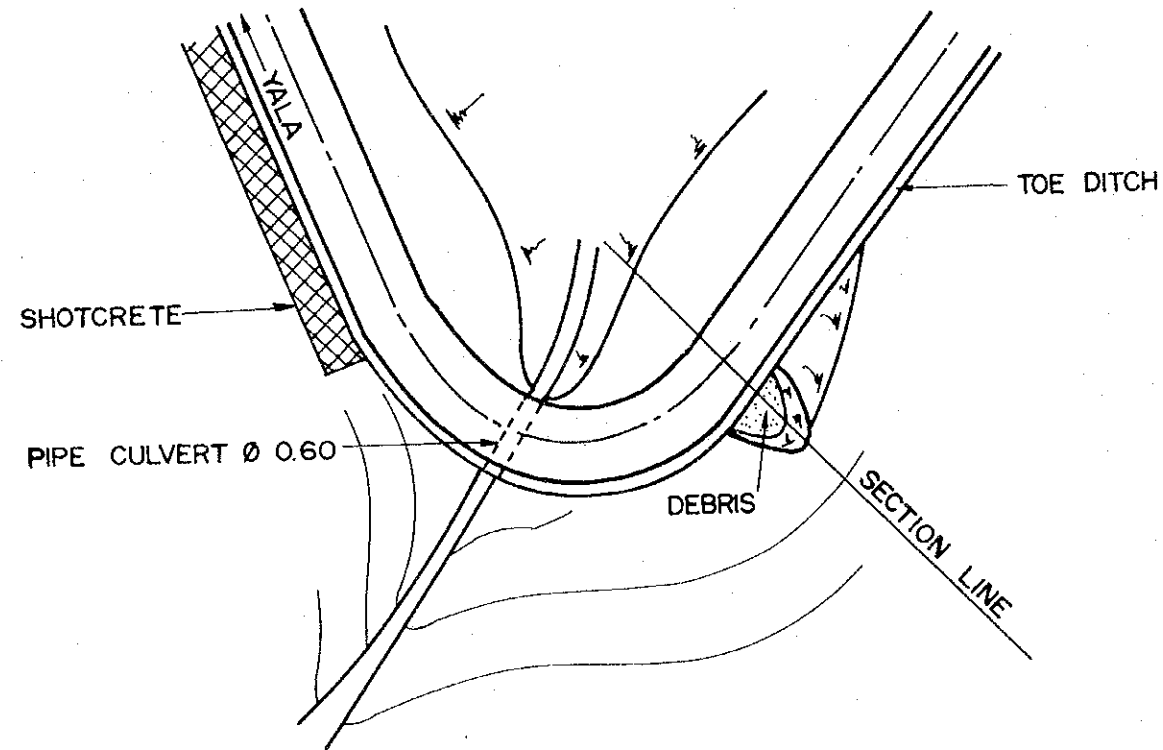


JICA RDPP STUDY

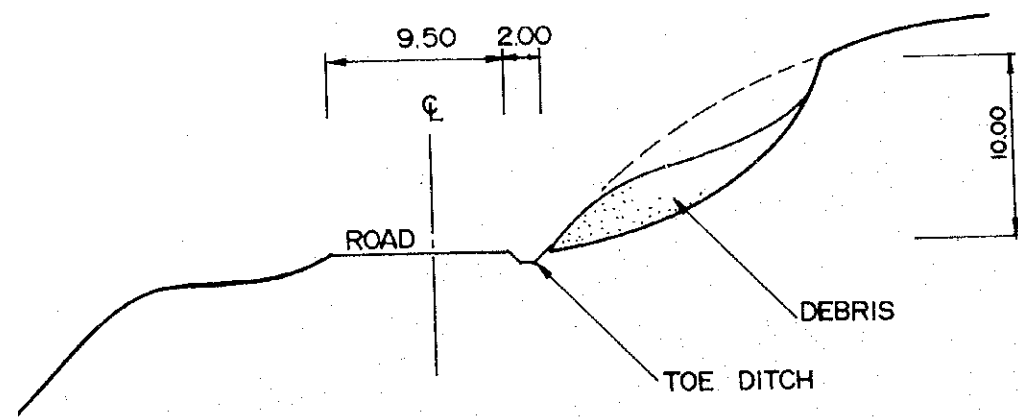
SPOT NO.	KM.	SHEET NO.
410/C5	76.850	22 OF 68

EXISTING CONDITION

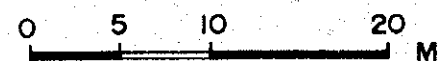
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

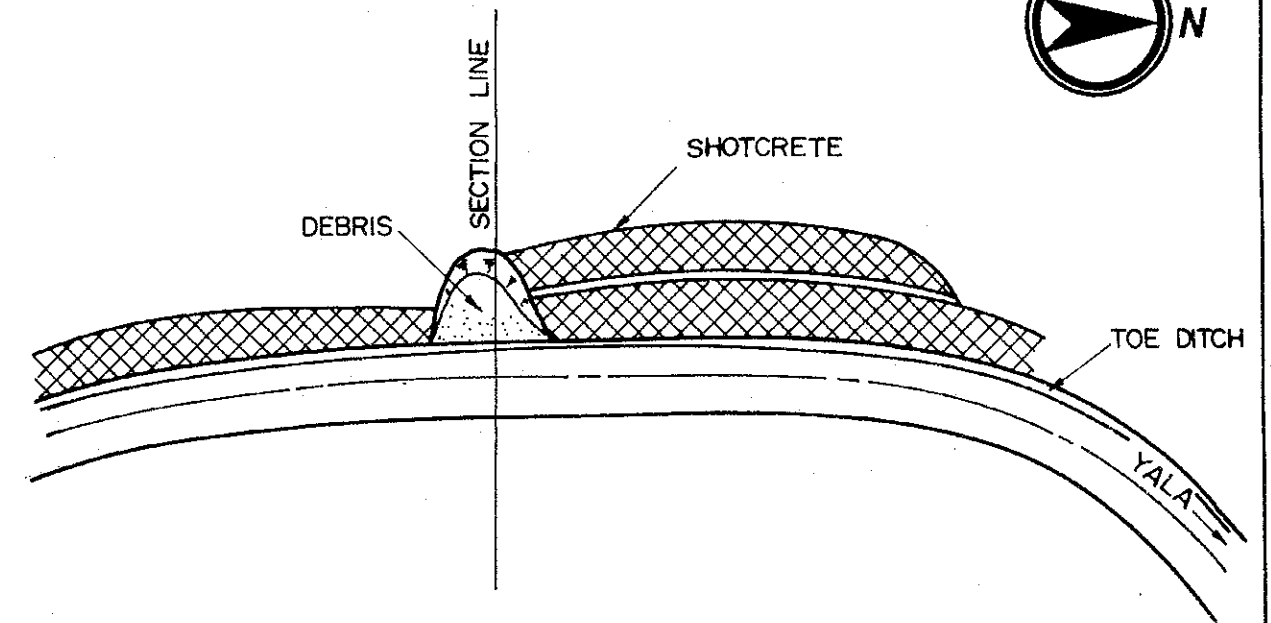


JICA RDPP STUDY

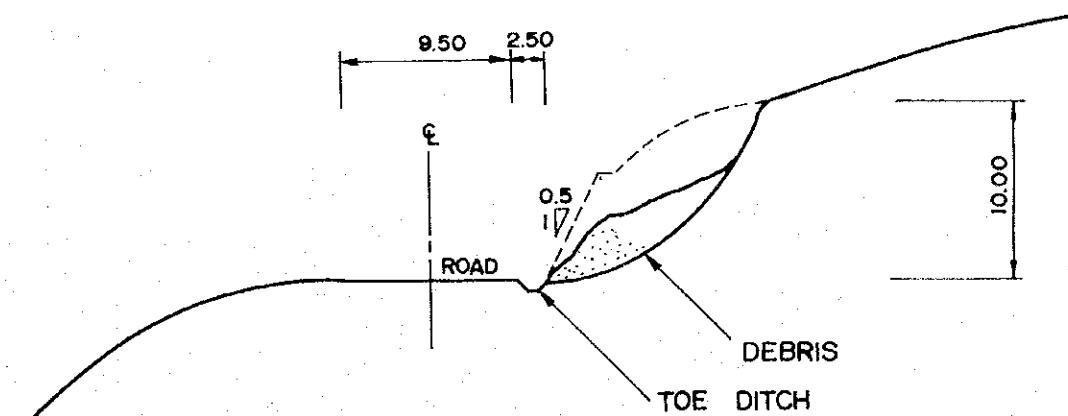
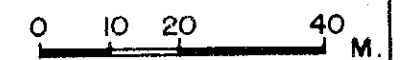
SPOT NO.	KM.	SHEET NO.
410/C6	77.500	23 OF 68

EXISTING CONDITION

SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

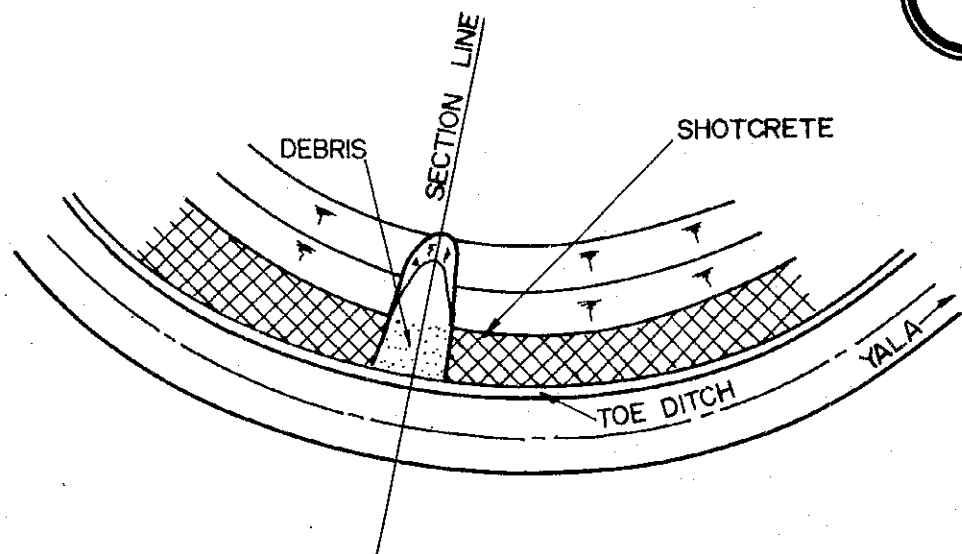


JICA RDPP STUDY

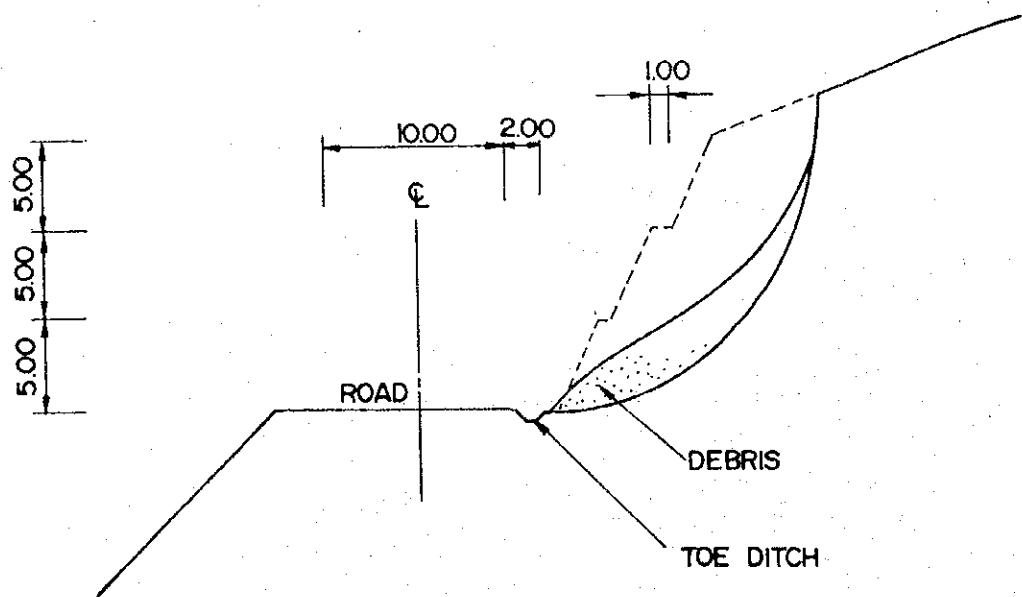
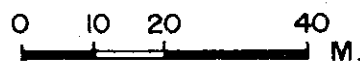
SPOT NO.	KM.	SHEET NO.
410/C7	78.100	24 OF 68

EXISTING CONDITION

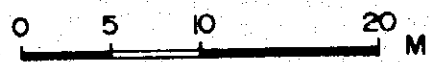
SD-2-7 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

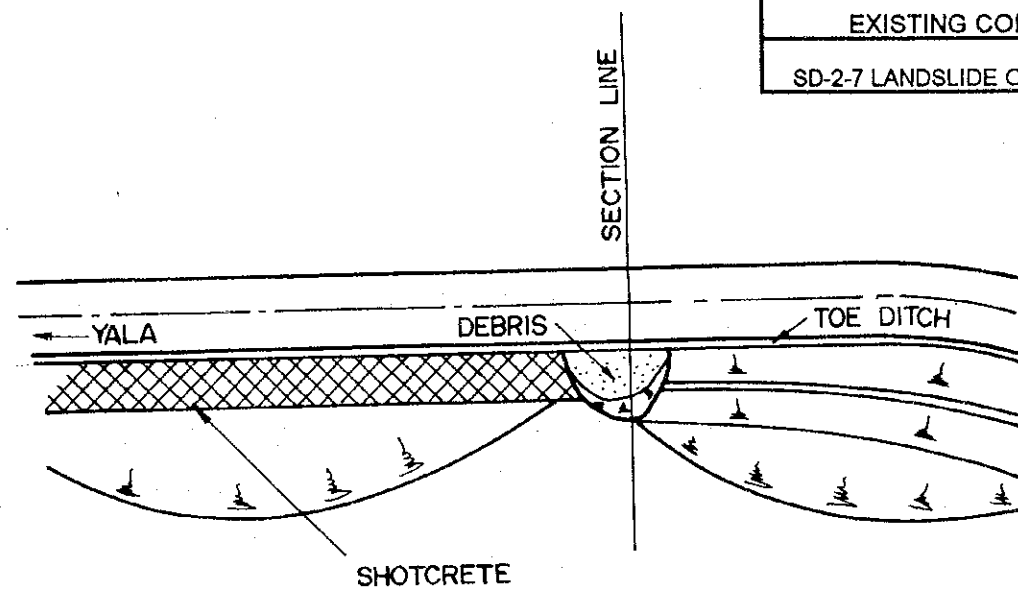


JICA RDPP STUDY

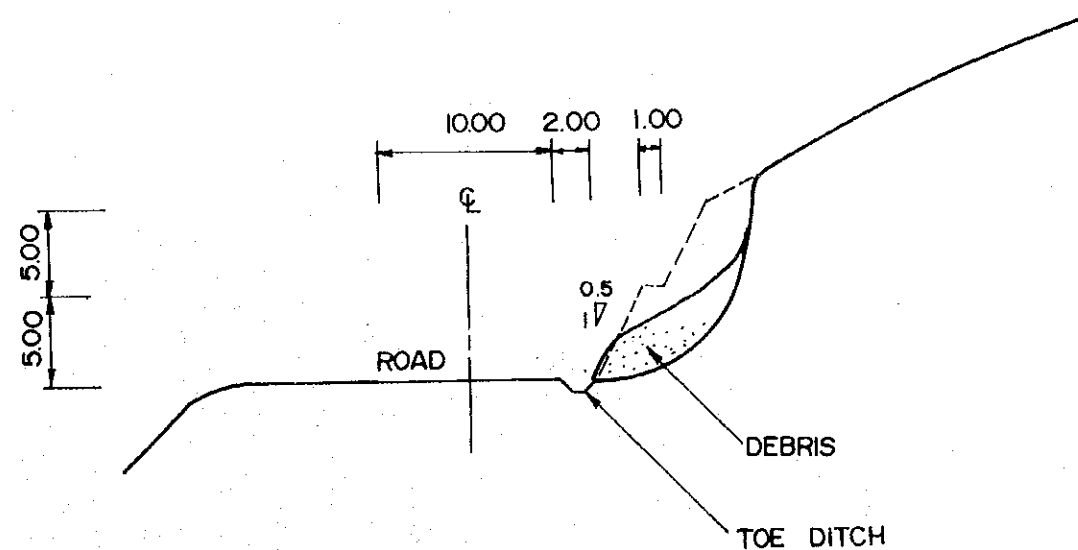
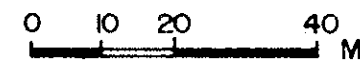
SPOT NO.	KM.	SHEET NO.
410/C8	78.400	25 OF 68

EXISTING CONDITION

SD-2-7 LANDSLIDE ON CUT SLOPE



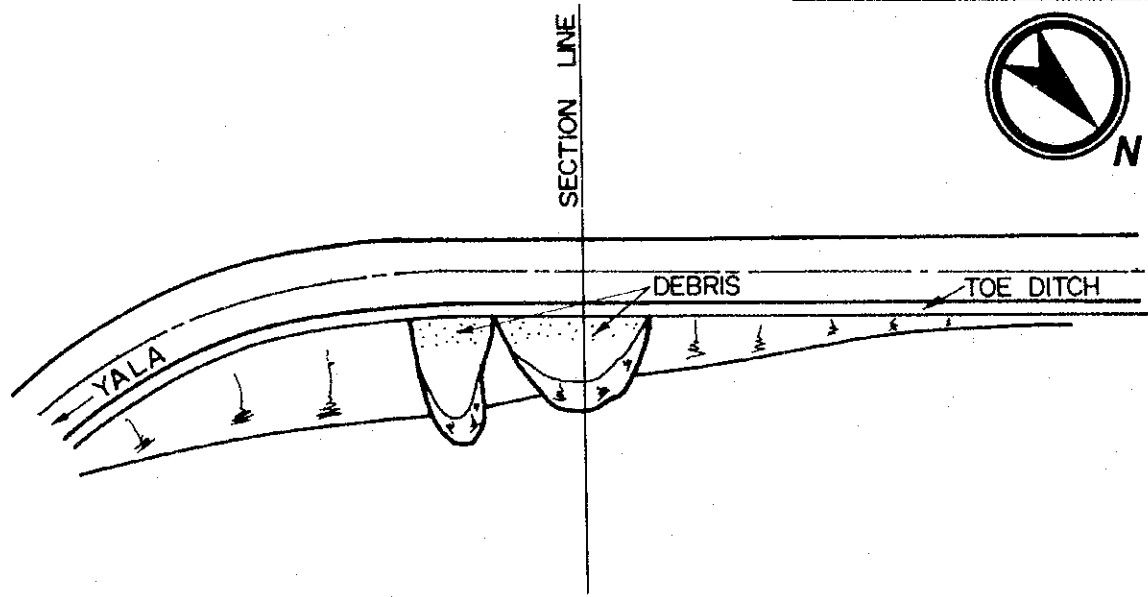
PLAN



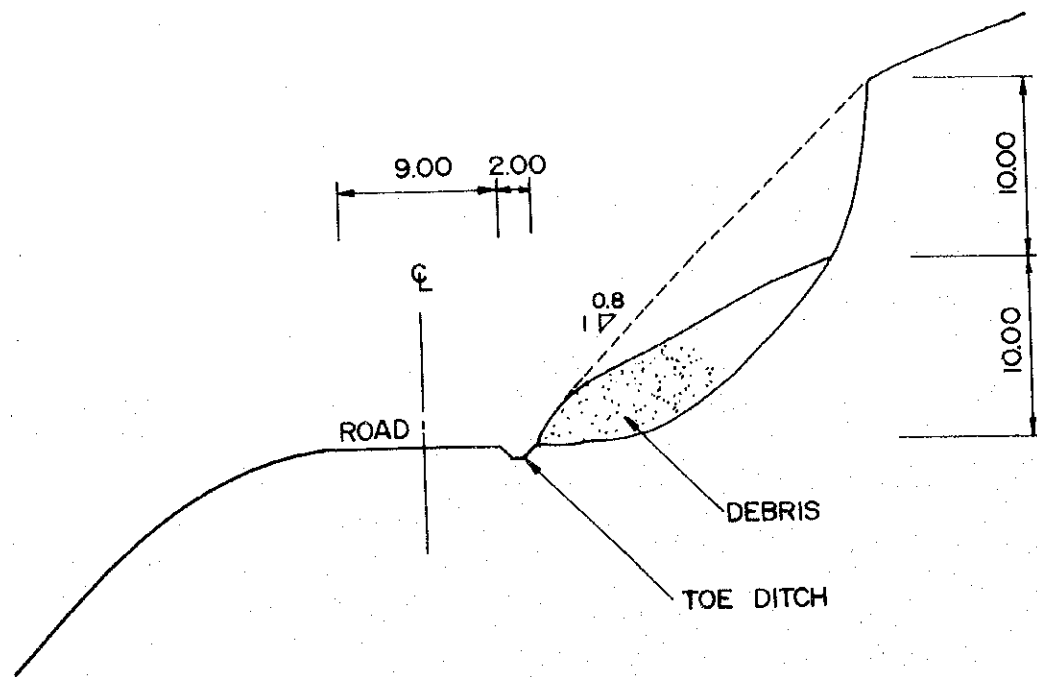
CROSS SECTION



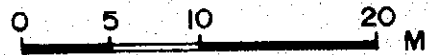
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C9	79.000	26 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



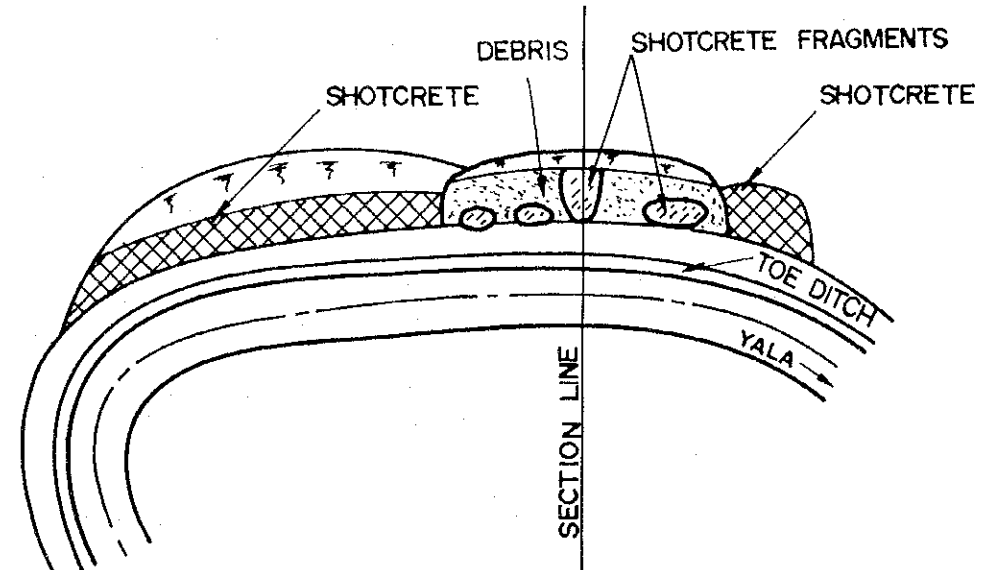
PLAN



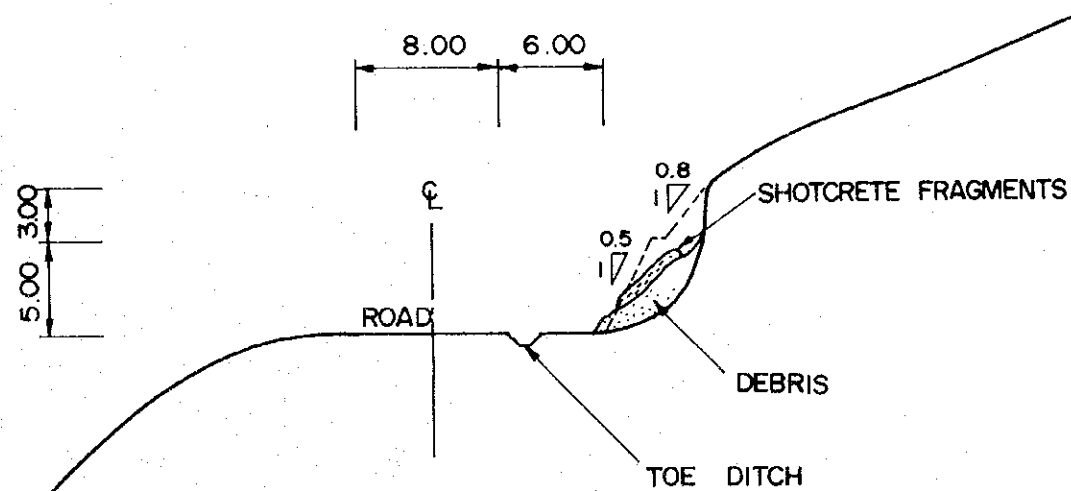
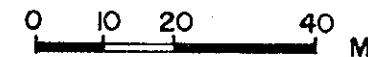
CROSS SECTION



JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C10	81.750	27 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



PLAN



CROSS SECTION

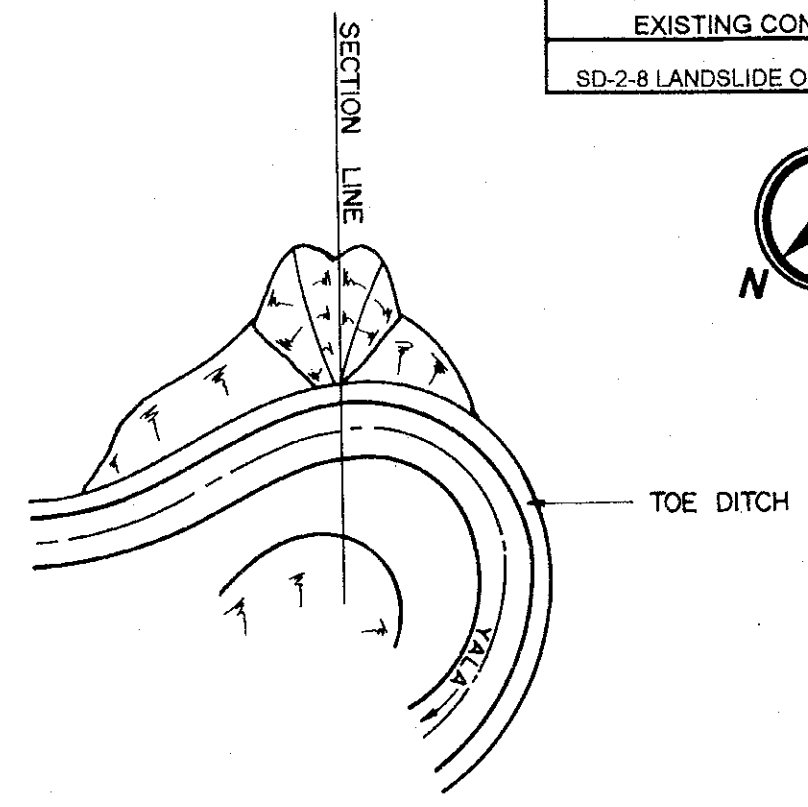


JICA RDPP STUDY

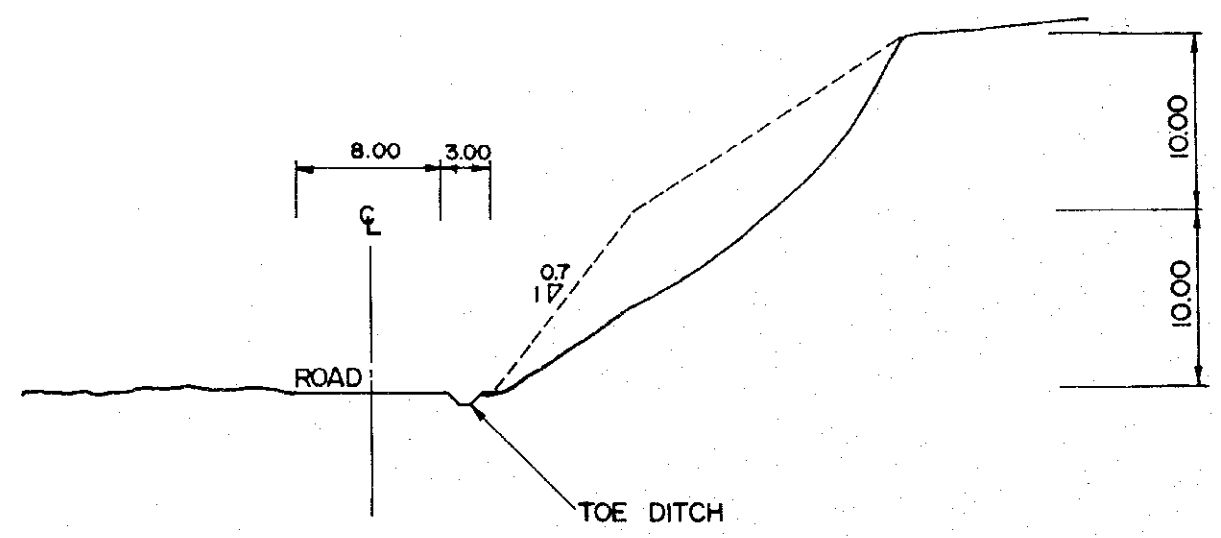
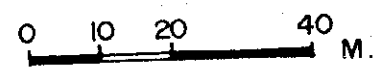
SPOT NO.	KM.	SHEET NO.
410/C11	81.870	28 OF 68

EXISTING CONDITION

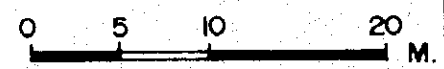
SD-2-8 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

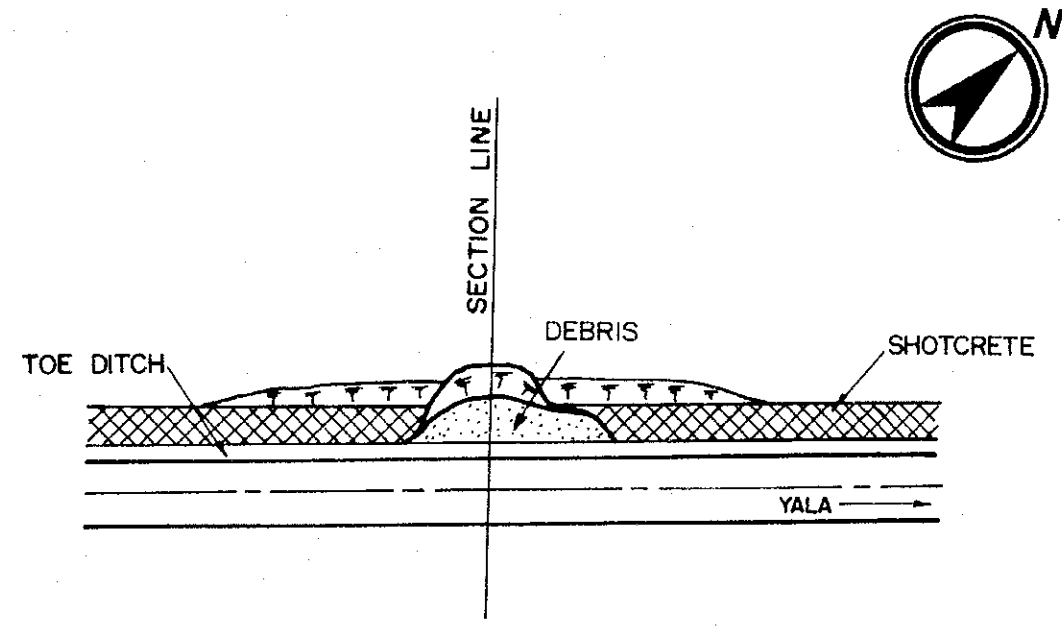


JICA RDPP STUDY

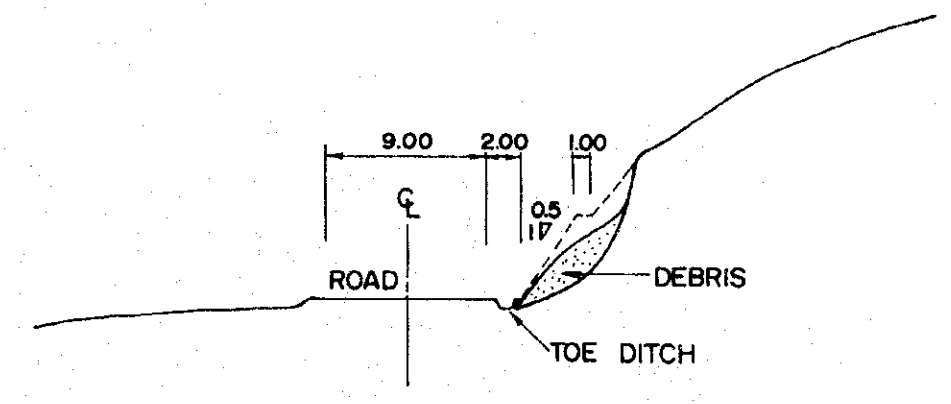
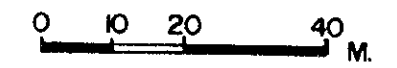
SPOT NO.	KM.	SHEET NO.
410/C12	82.000	29 OF 68

EXISTING CONDITION

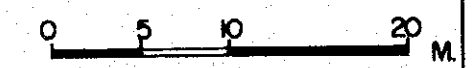
SD-2-6 LANDSLIDE ON CUT SLOPE



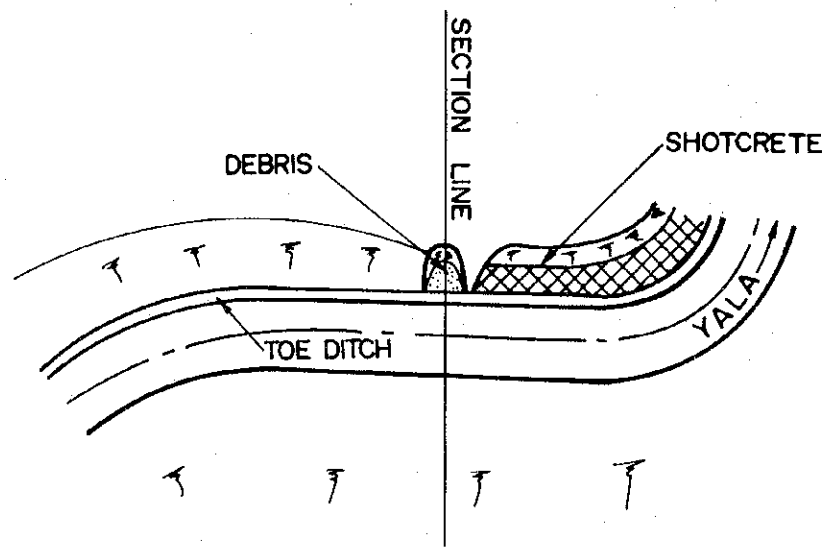
PLAN



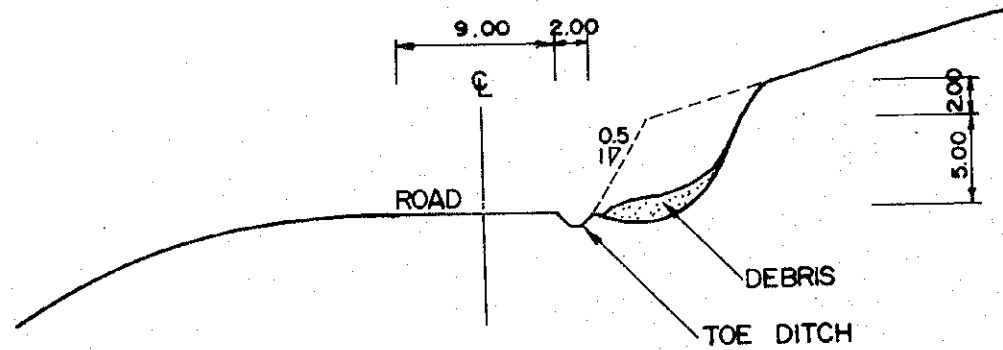
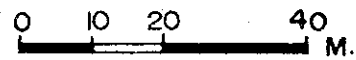
CROSS SECTION



JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C13	82.500	30 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



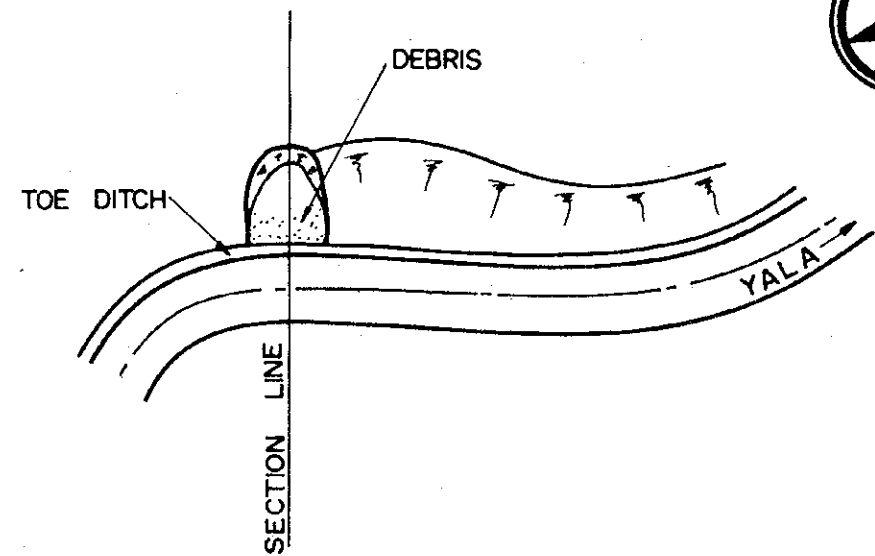
PLAN



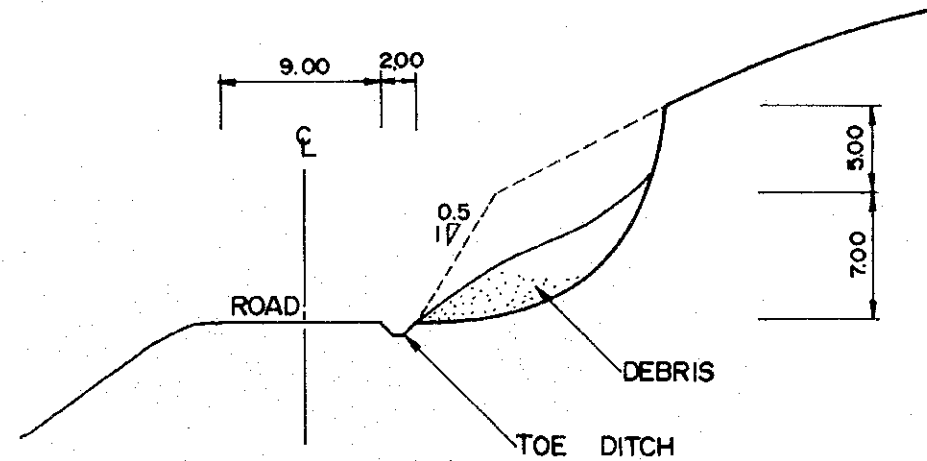
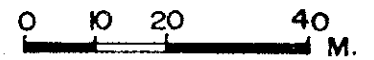
CROSS SECTION



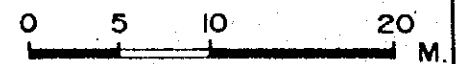
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C14	82.750	31 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



PLAN



CROSS SECTION

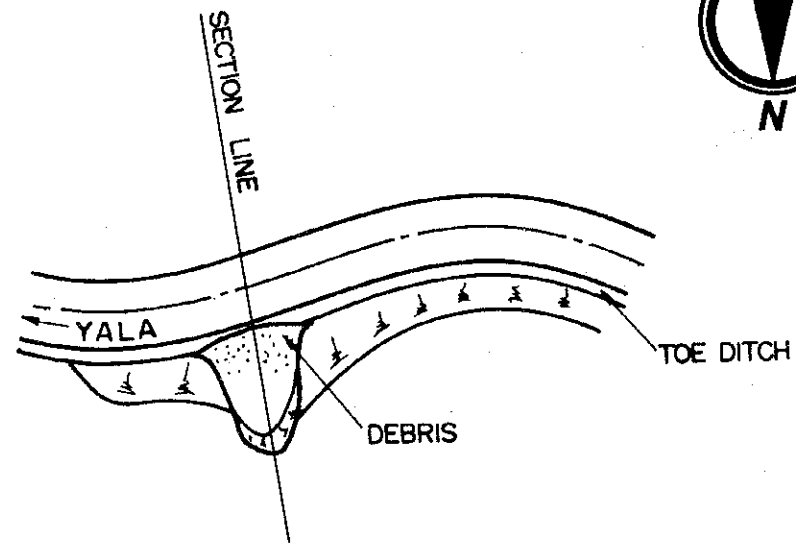


JICA RDPP STUDY

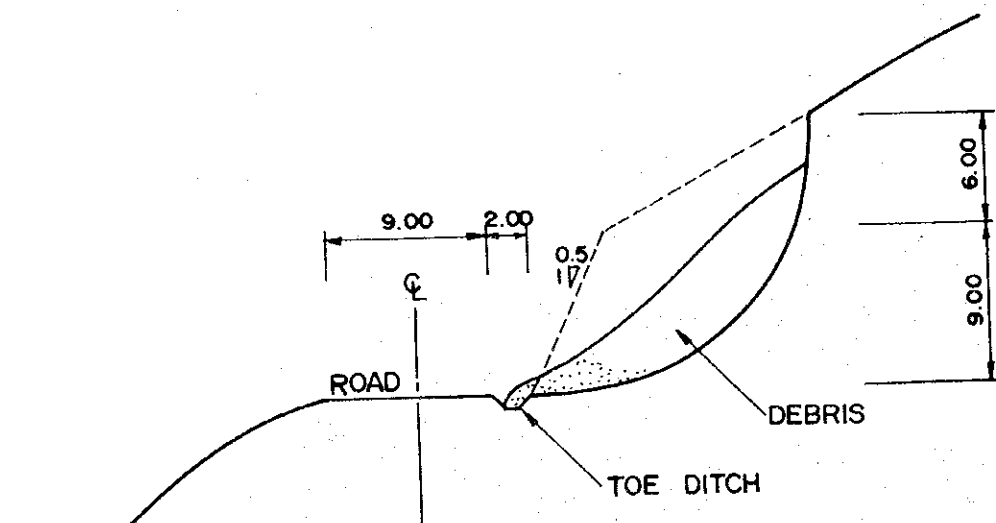
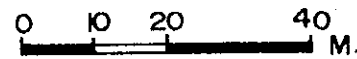
SPOT NO.	KM.	SHEET NO.
410/C15	82.780	32 OF 68

EXISTING CONDITION

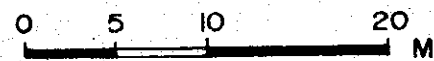
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

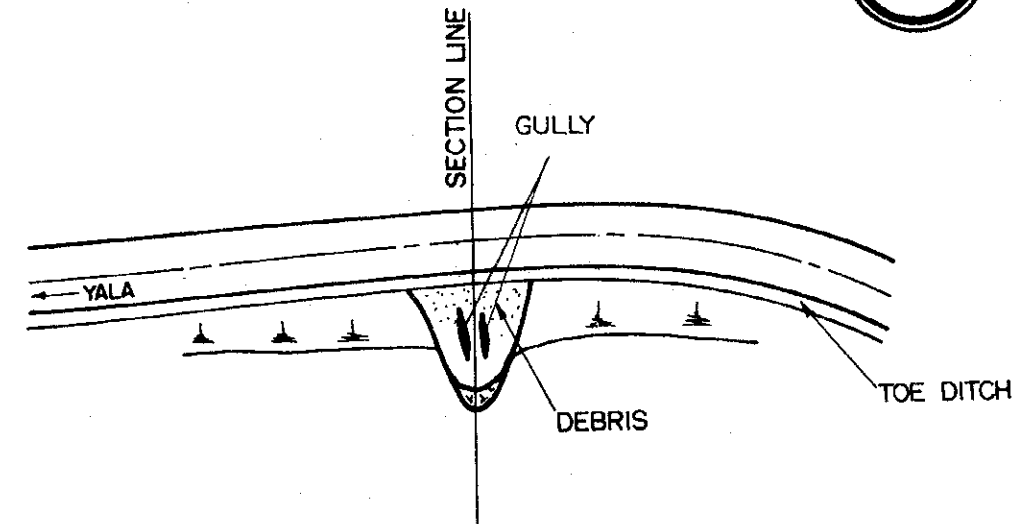
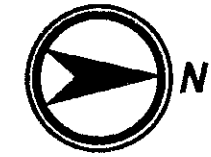


JICA RDPP STUDY

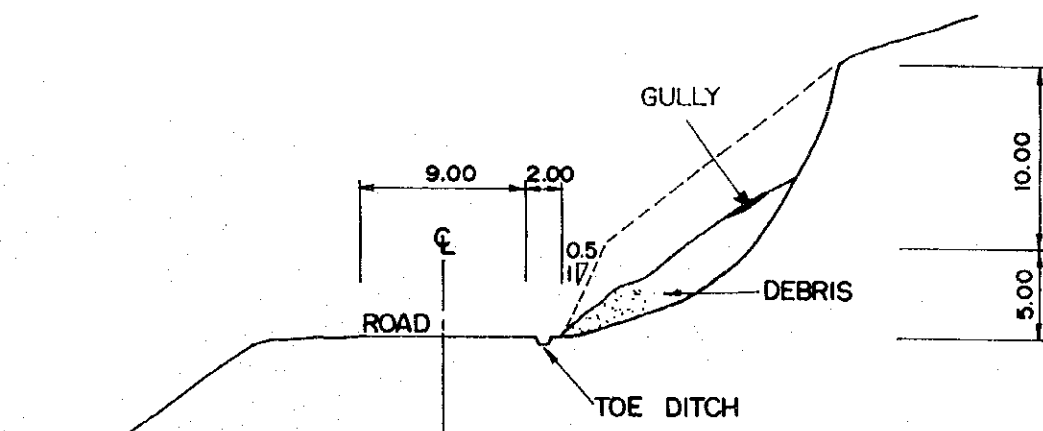
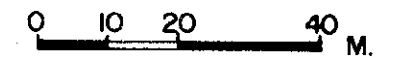
SPOT NO.	KM.	SHEET NO.
410/C16	83.400	33 OF 68

EXISTING CONDITION

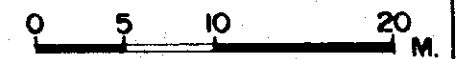
SD-2-6/7 LANDSLIDE ON CUT SLOPE



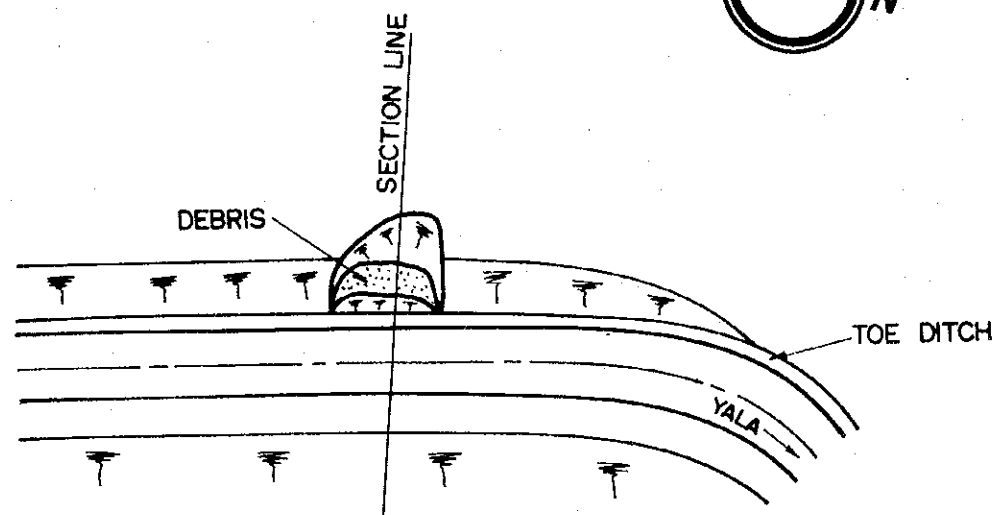
PLAN



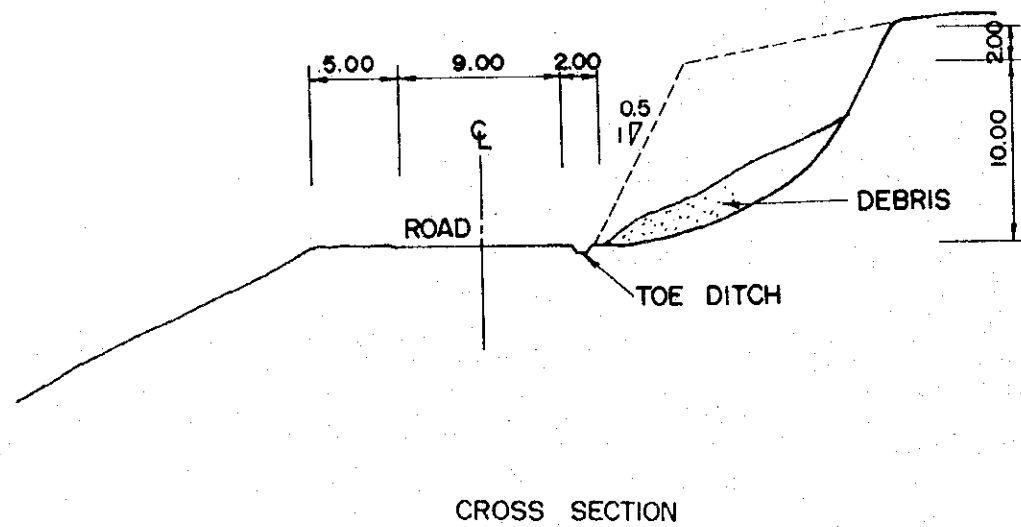
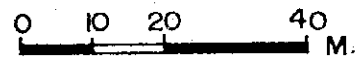
CROSS SECTION



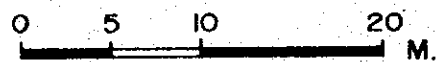
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C17	83.750	34 OF 68
EXISTING CONDITION		
SD-2-7 LANDSLIDE ON CUT SLOPE		



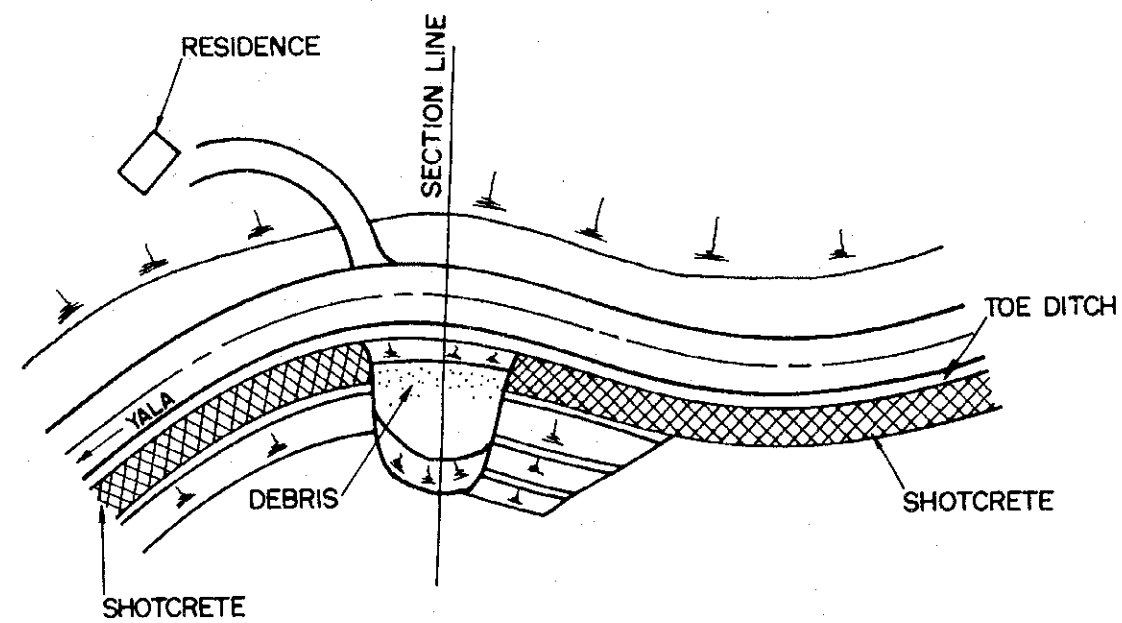
PLAN



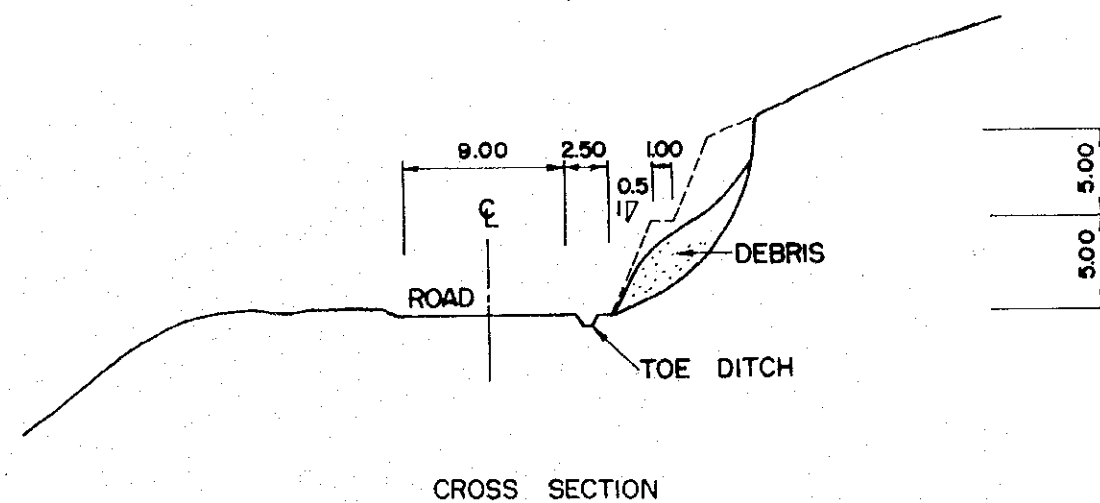
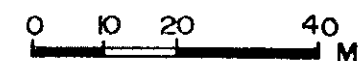
CROSS SECTION



JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C18	83.950	35 OF 68
EXISTING CONDITION		
SD-2-7 LANDSLIDE ON CUT SLOPE		



PLAN



CROSS SECTION

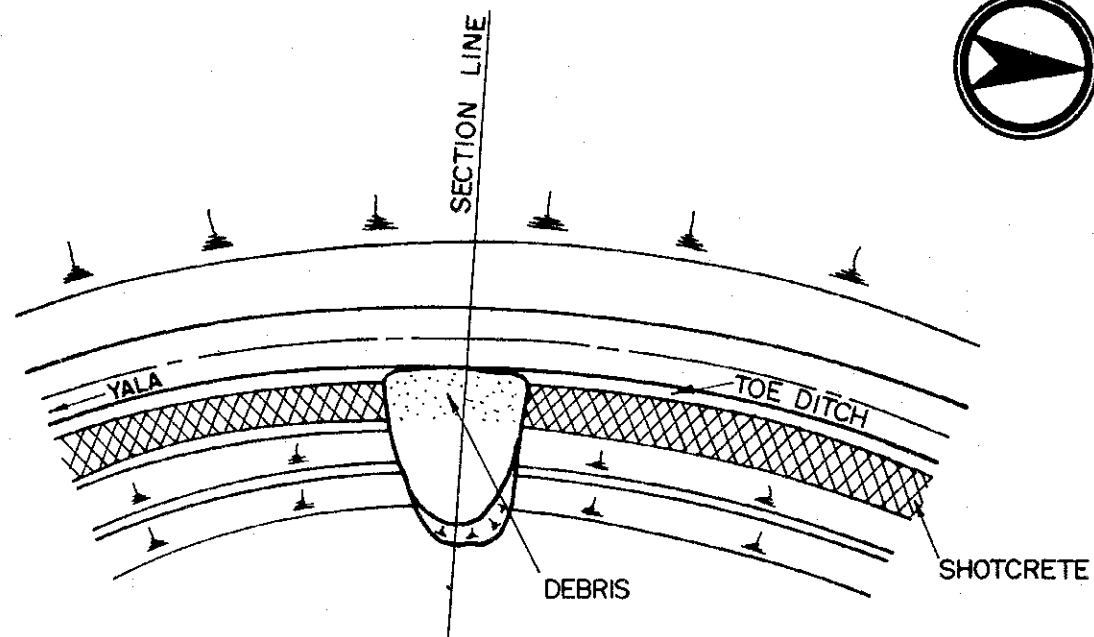
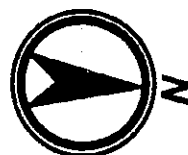


JICA RDPP STUDY

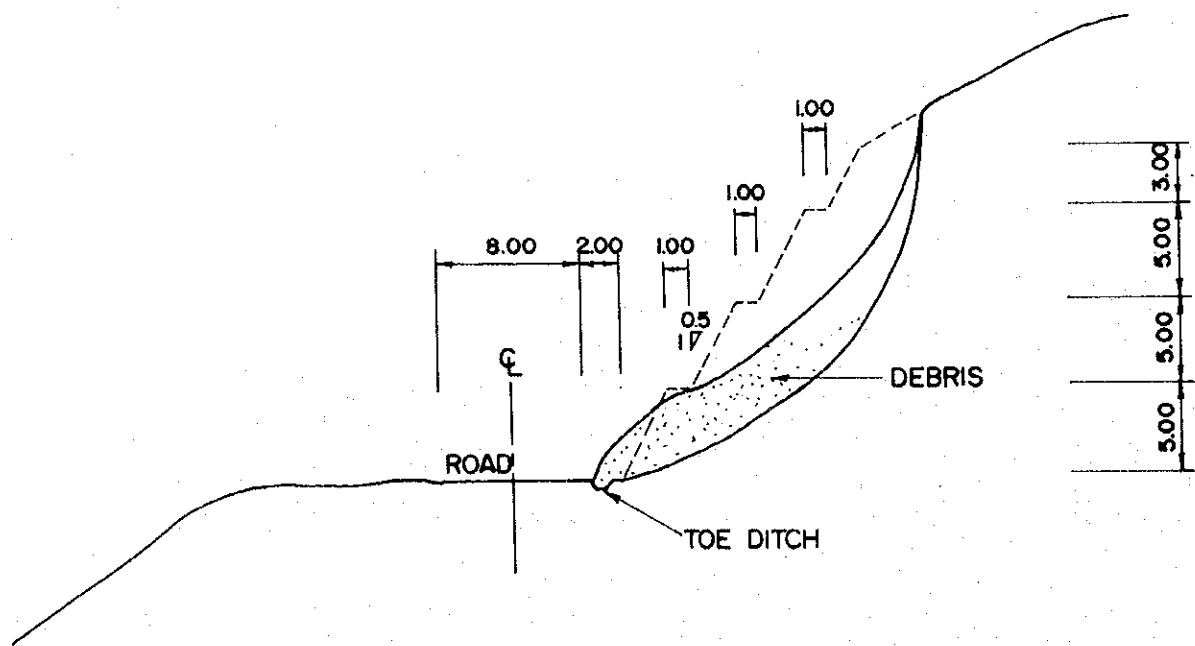
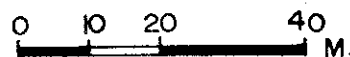
SPOT NO. 410/C19 KM. 84.500 SHEET NO. 36 OF 68

EXISTING CONDITION

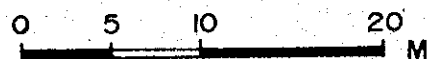
SD-2-7 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

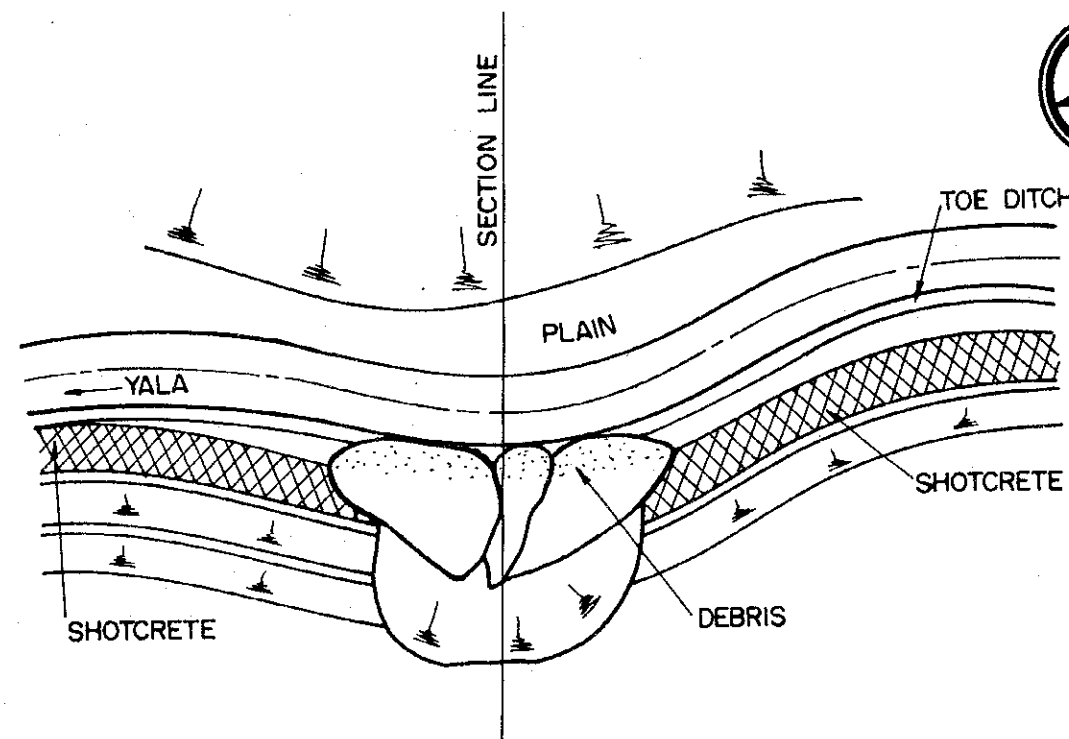


JICA RDPP STUDY

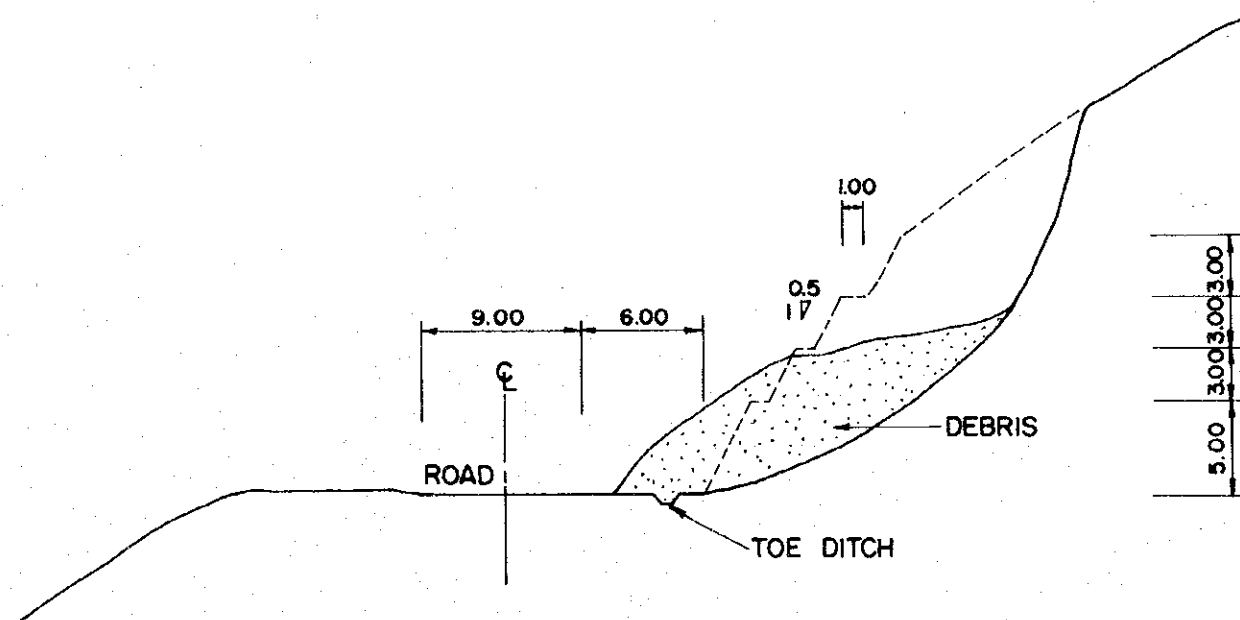
SPOT NO. 410/C20 KM. 85.100 SHEET NO. 37 OF 68

EXISTING CONDITION

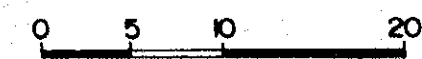
SD-2-6/7 LANDSLIDE ON CUT SLOPE



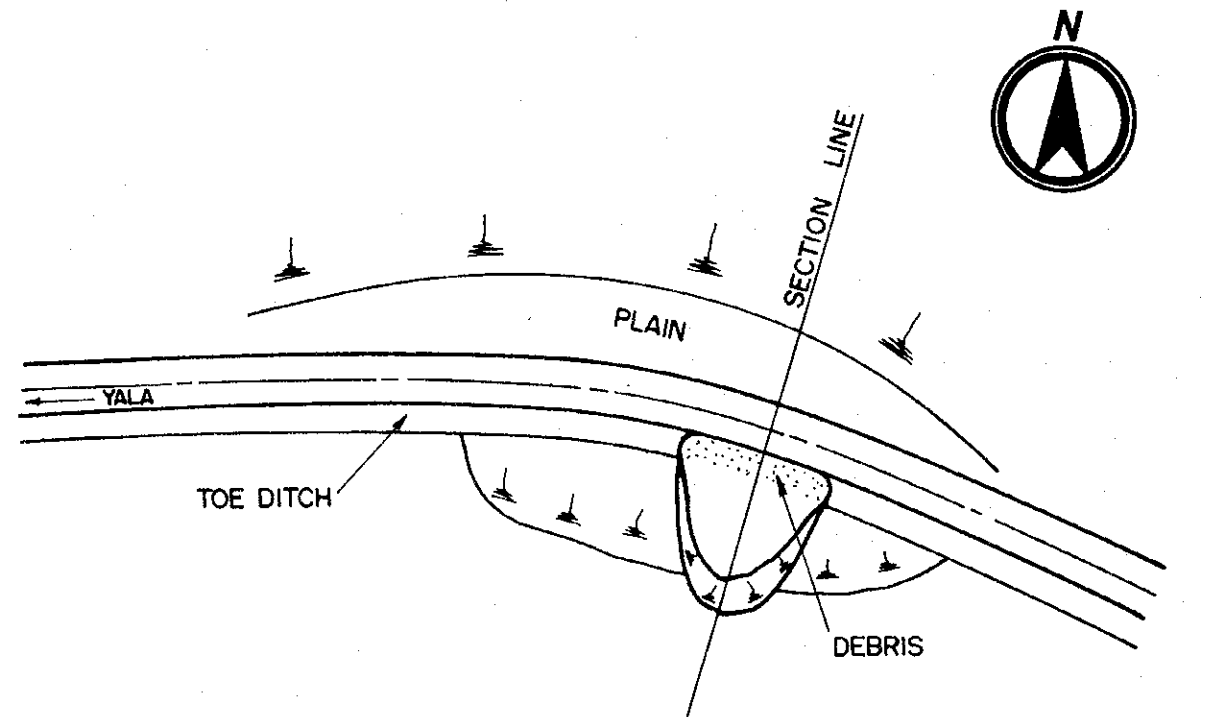
PLAN



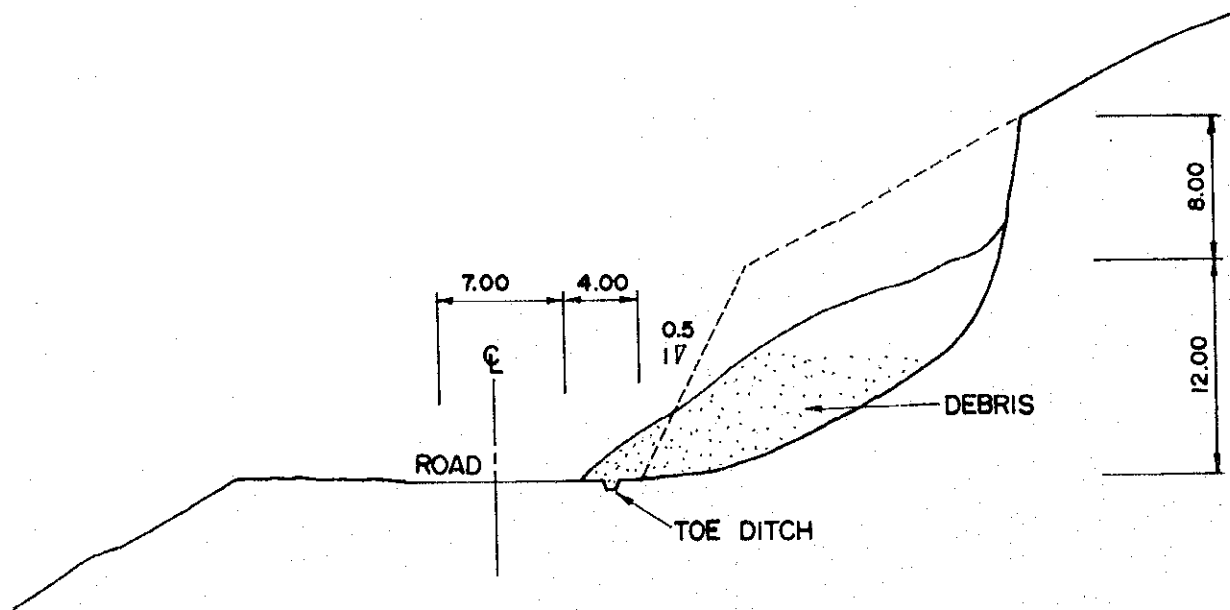
CROSS SECTION



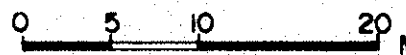
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C21	85.400	38 OF 68
EXISTING CONDITION		
SD-2-7 LANDSLIDE ON CUT SLOPE		



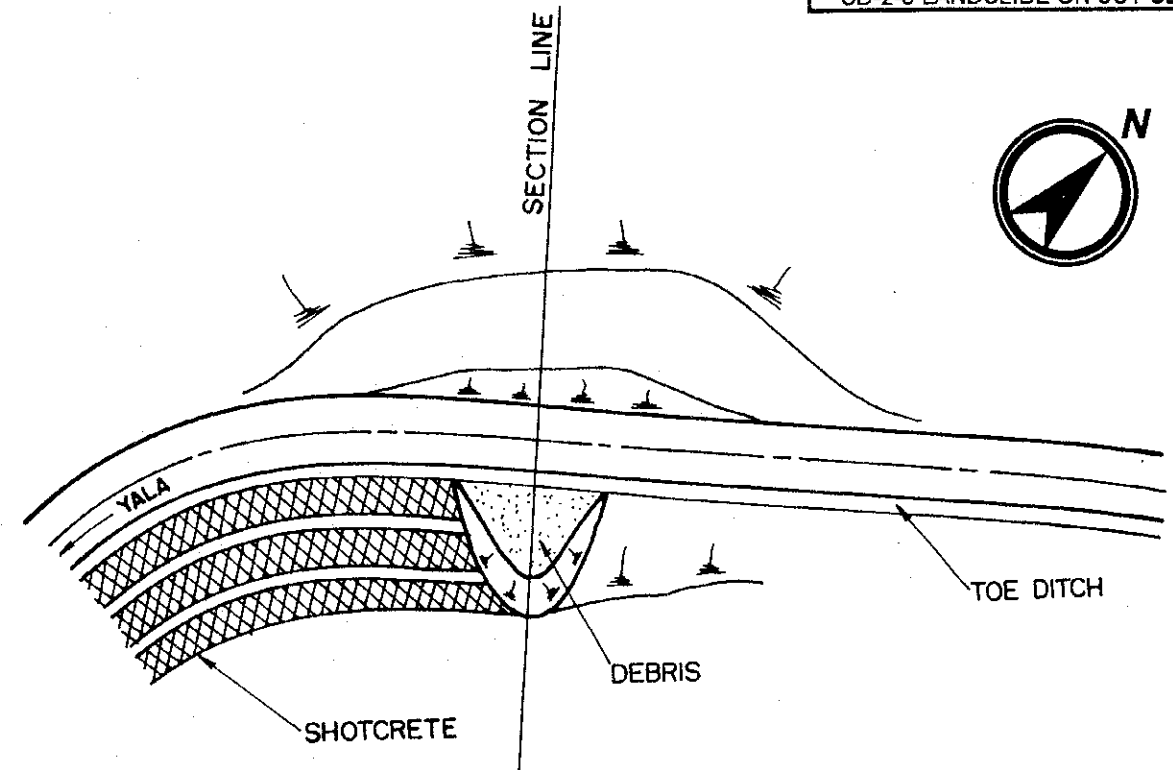
PLAN



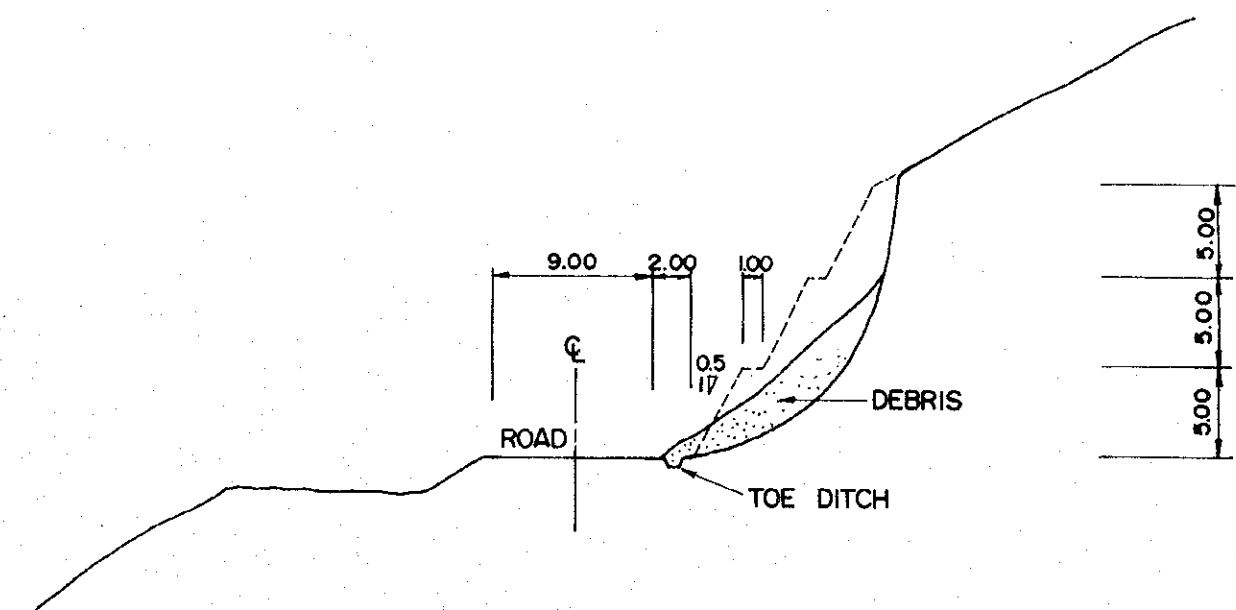
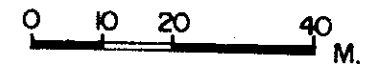
CROSS SECTION



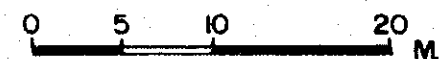
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C22	86.700	39 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



PLAN



CROSS SECTION

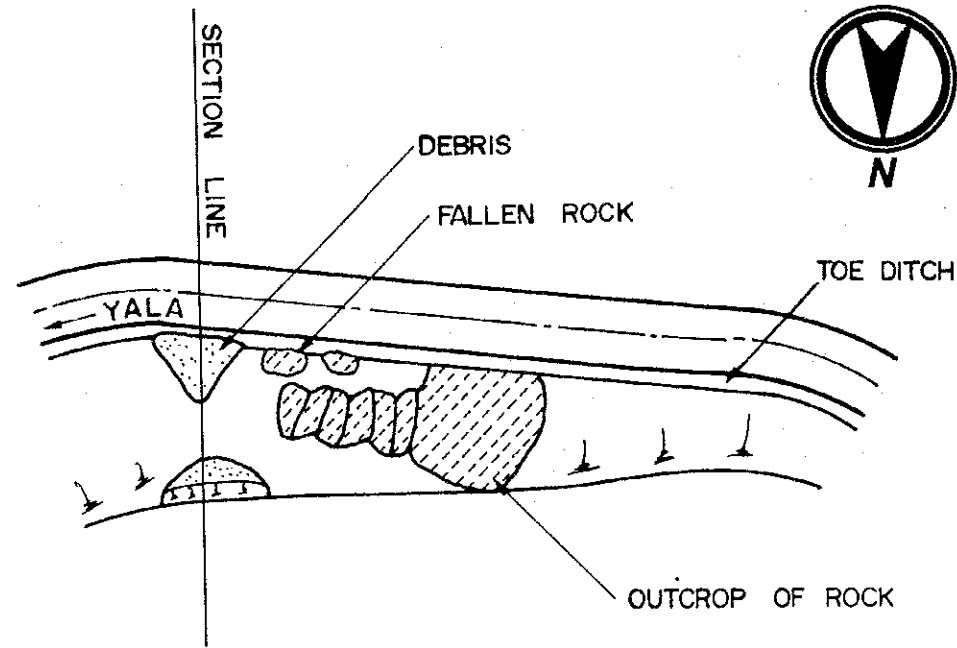


JICA RDPP STUDY

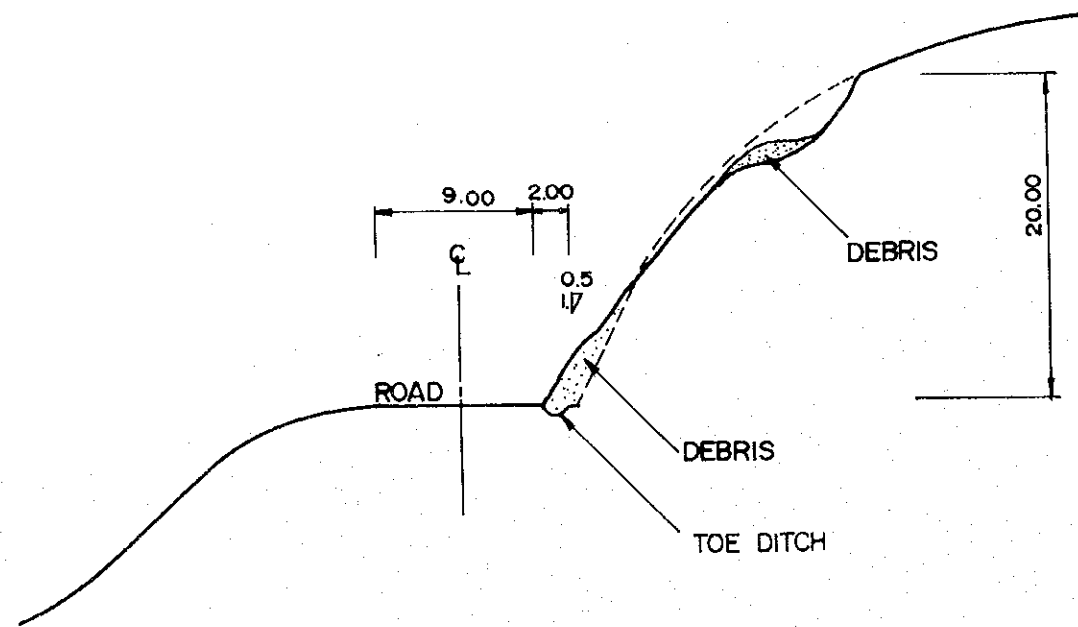
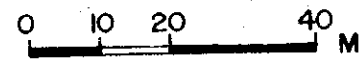
SPOT NO.	KM.	SHEET NO.
410/C23	87.500	40 OF 68

EXISTING CONDITION

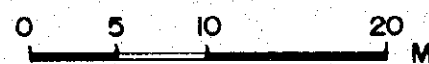
SD-2-8 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

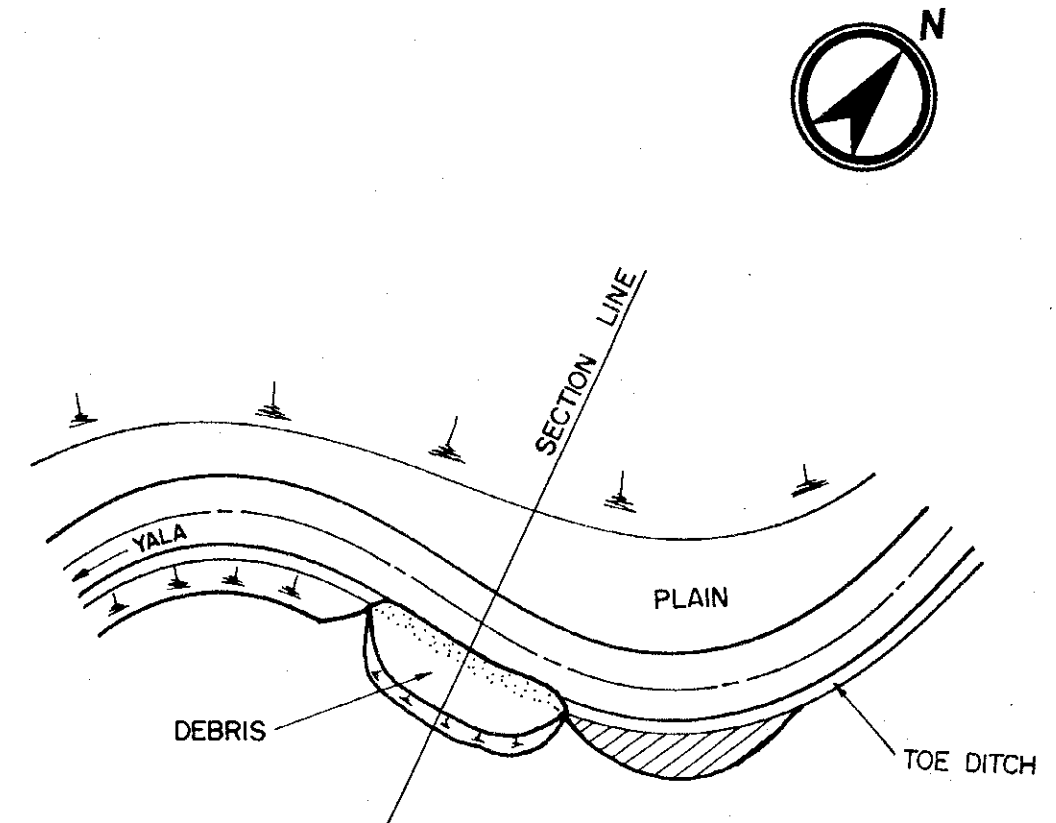


JICA RDPP STUDY

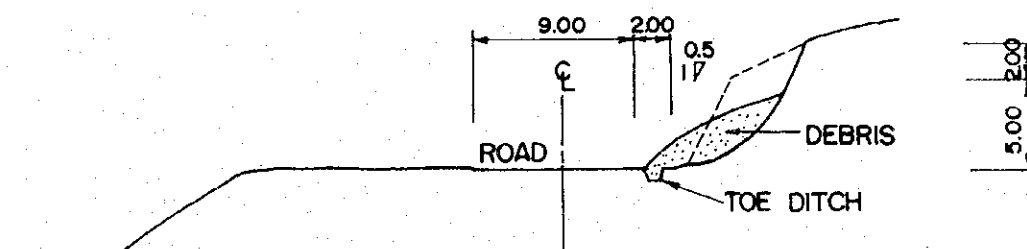
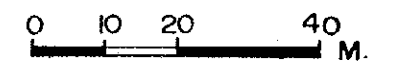
SPOT NO.	KM.	SHEET NO.
410/C24	89.800	41 OF 68

EXISTING CONDITION

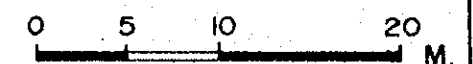
SD-2-6 LANDSLIDE ON CUT SLOPE



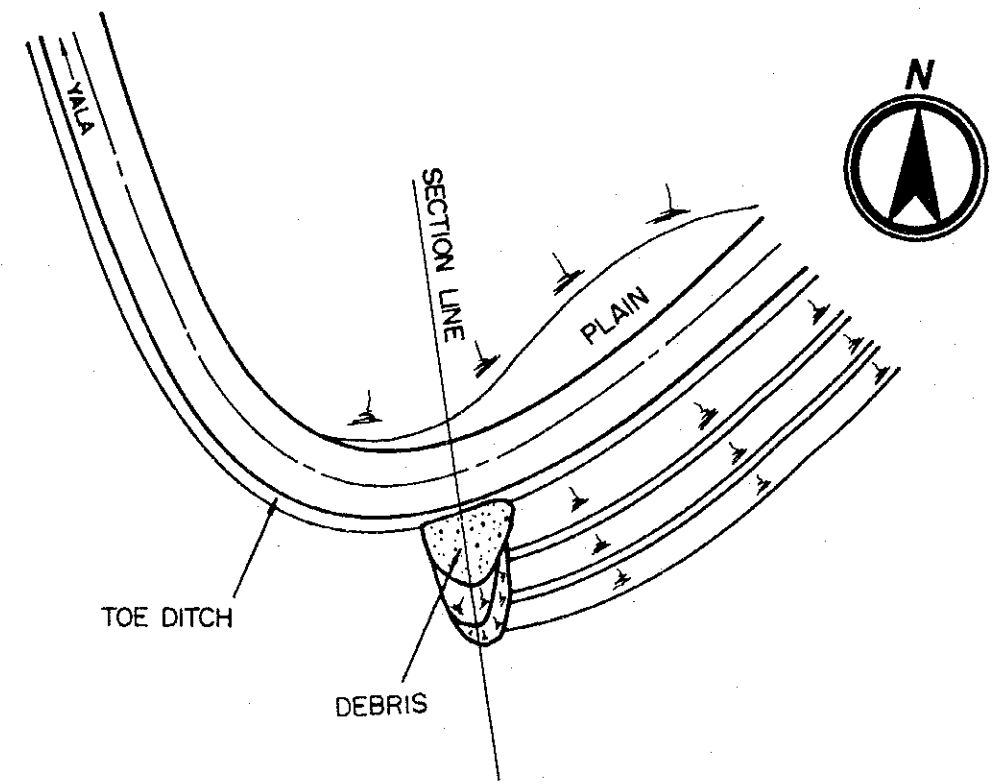
PLAN



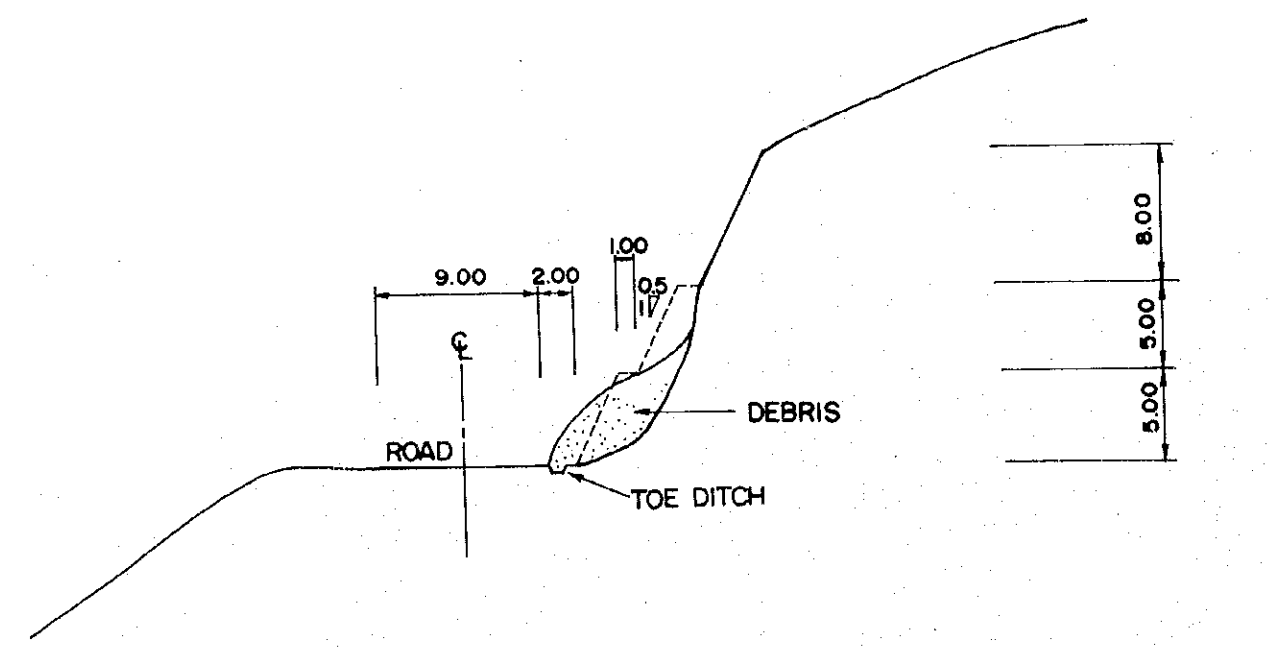
CROSS SECTION



JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C25	90.700	42 OF 68
EXISTING CONDITION		
SD-2-7 LANDSLIDE ON CUT SLOPE		

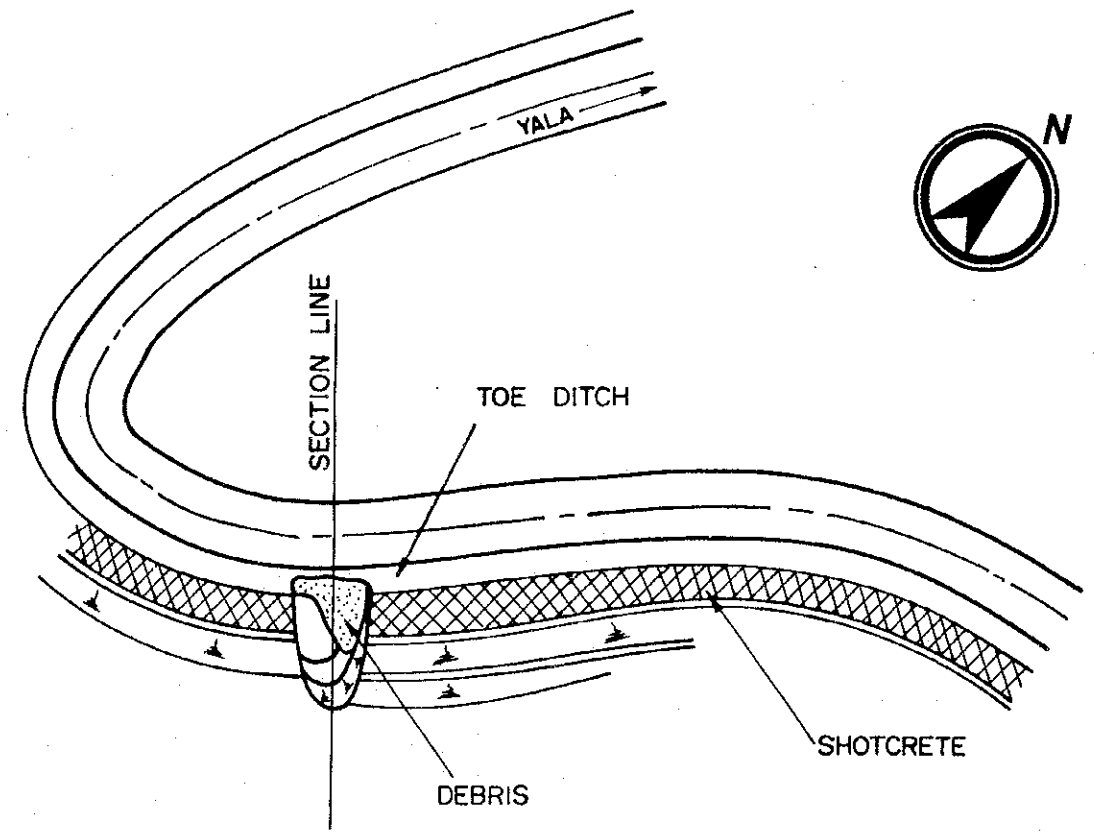


PLAN
0 10 20 40 M.

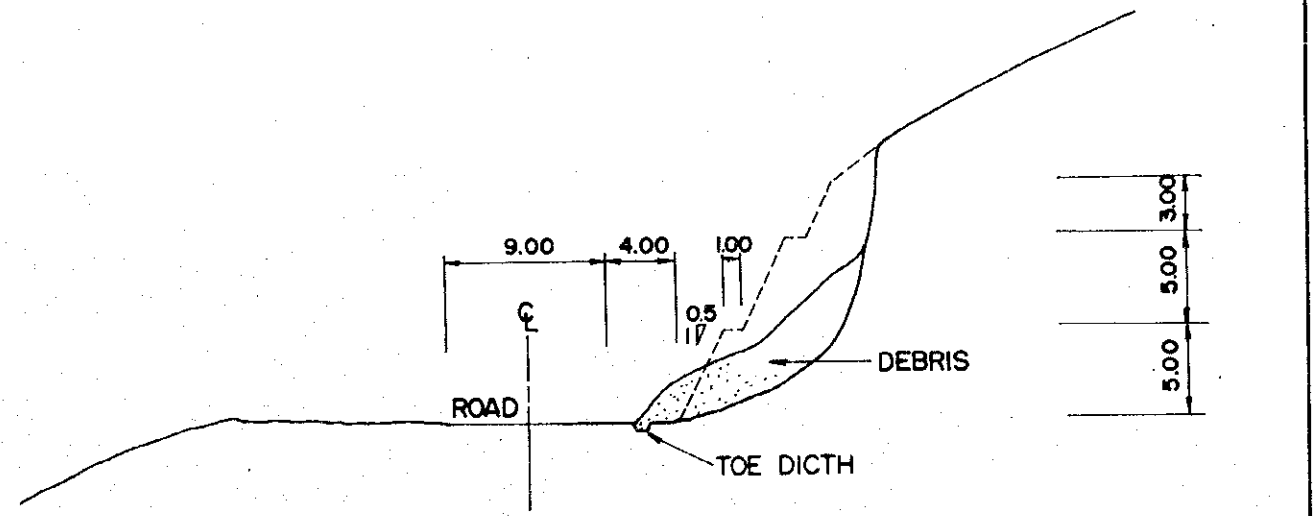


CROSS SECTION
0 5 10 20 M.

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C26	91.000	43 OF 68
EXISTING CONDITION		
SD-2-7 LANDSLIDE ON CUT SLOPE		



PLAN
0 10 20 40 M.



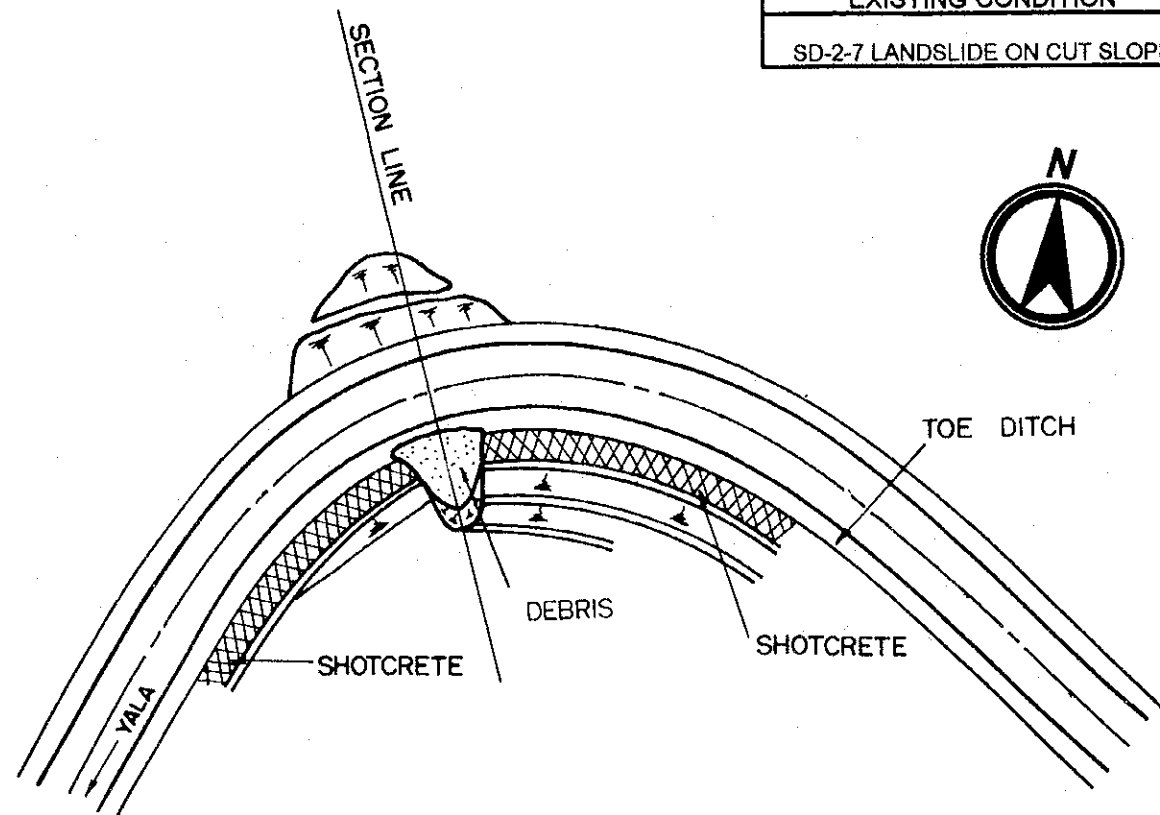
CROSS SECTION
0 5 10 20 M.

JICA RDPP STUDY

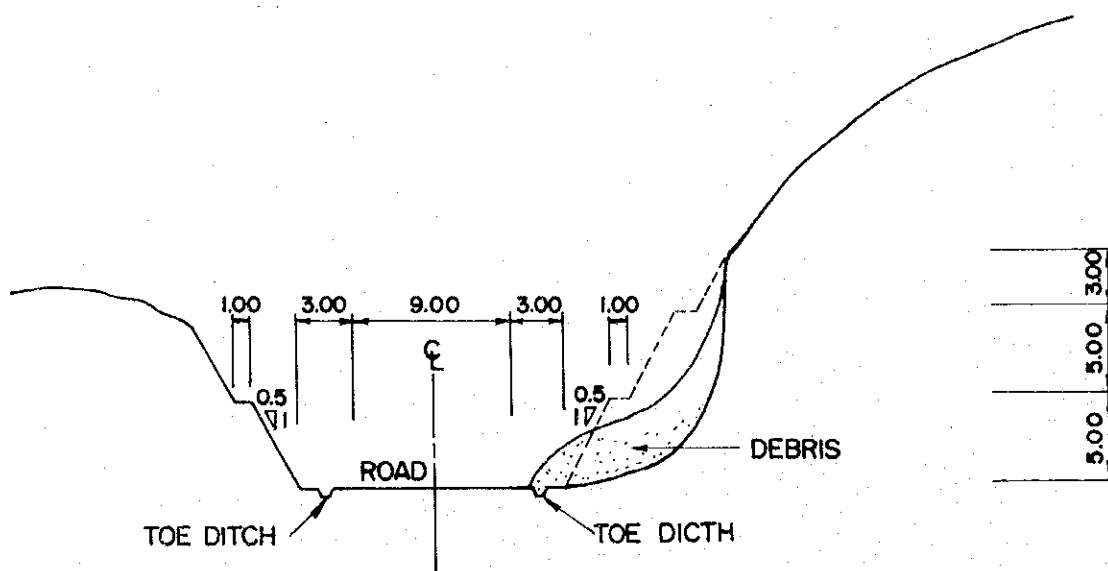
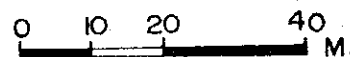
SPOT NO.	KM.	SHEET NO.
410/C27	91.900	44 OF 68

EXISTING CONDITION

SD-2-7 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

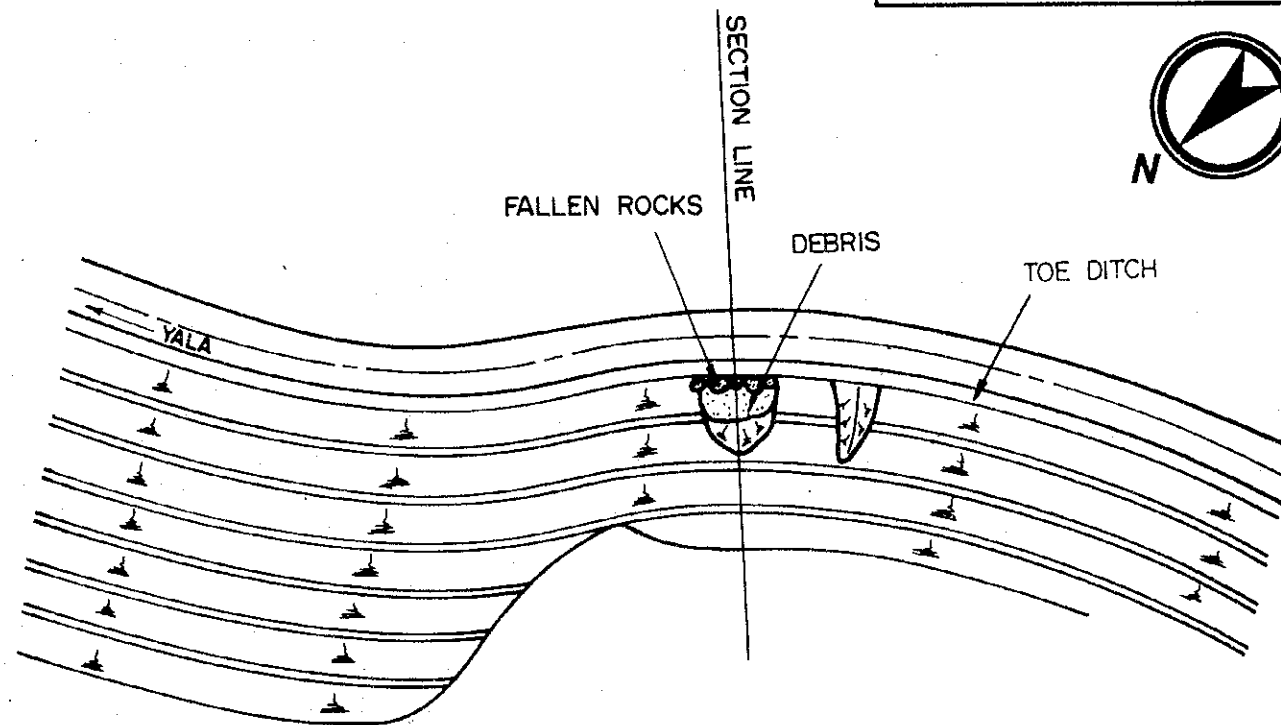


JICA RDPP STUDY

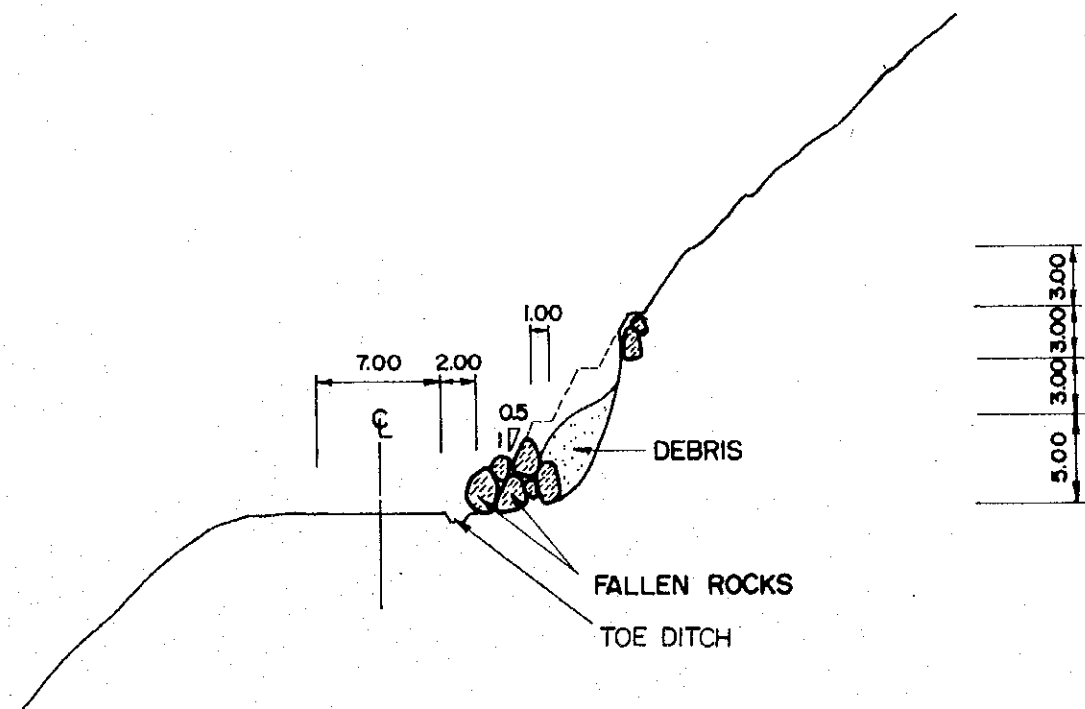
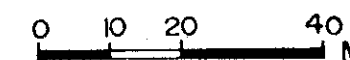
SPOT NO.	KM.	SHEET NO.
410/C28	96.150	45 OF 68

EXISTING CONDITION

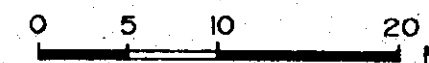
SD-2-8 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

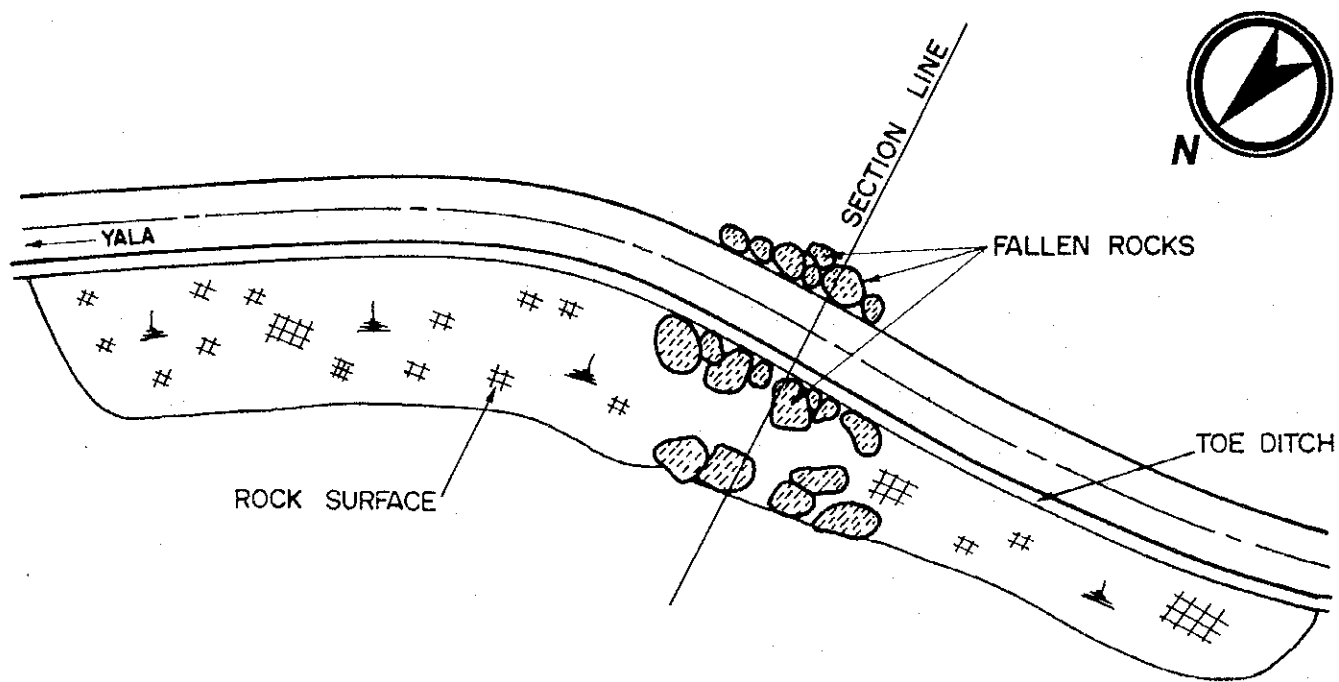


JICA RDPP STUDY

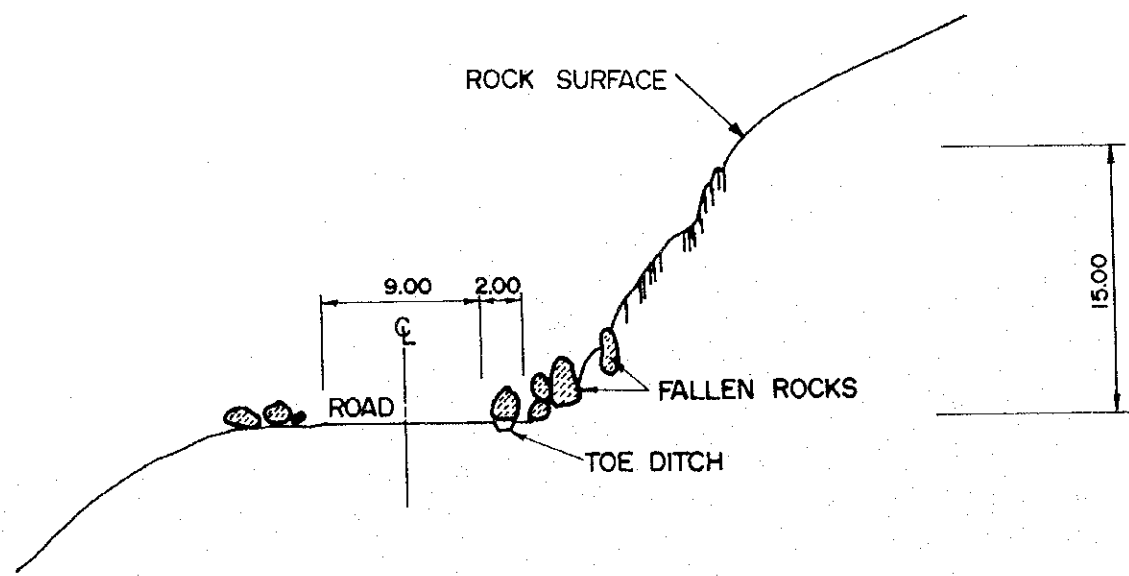
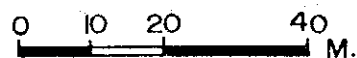
SPOT NO.	KM.	SHEET NO.
410/C29	97.300	46 OF 68

EXISTING CONDITION

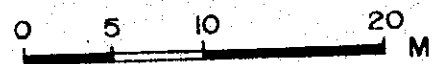
SD-2-9 ROCKFALL ON CUT SLOPE



PLAN



CROSS SECTION

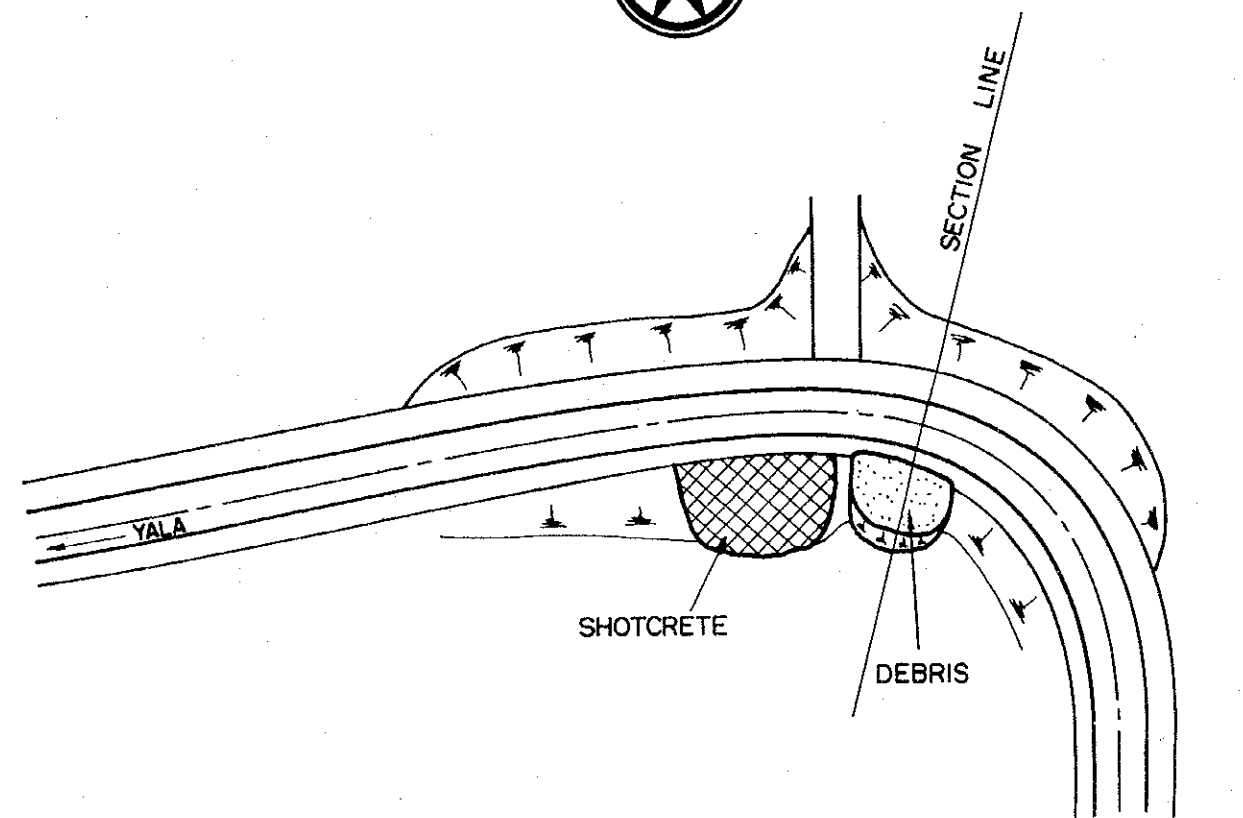


JICA RDPP STUDY

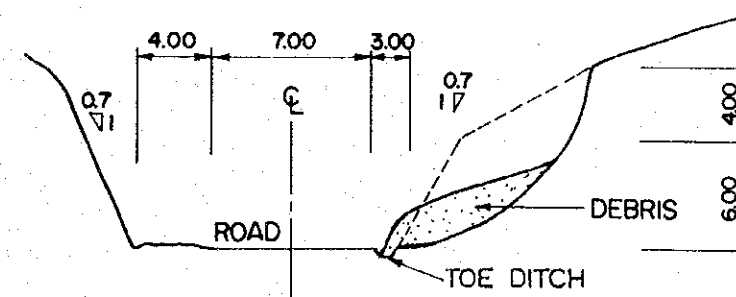
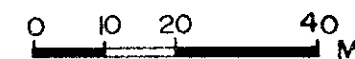
SPOT NO.	KM.	SHEET NO.
410/C30	100.400	47 OF 68

EXISTING CONDITION

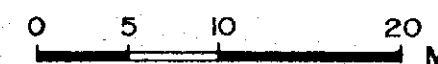
SD-2-7 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

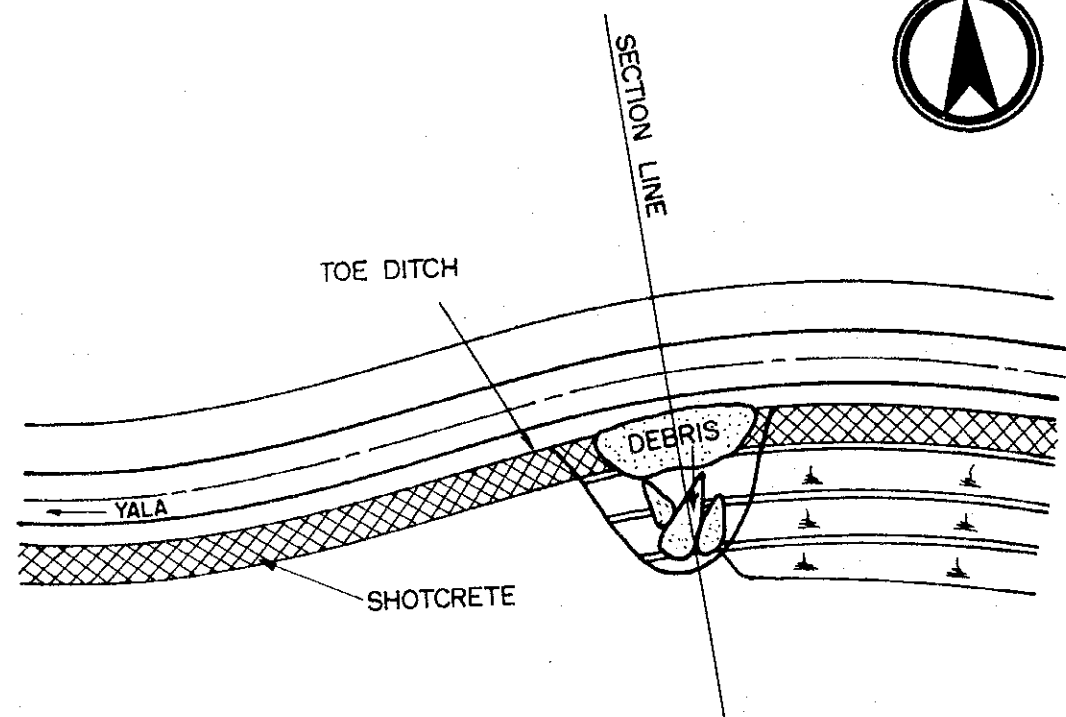


JICA RDPP STUDY

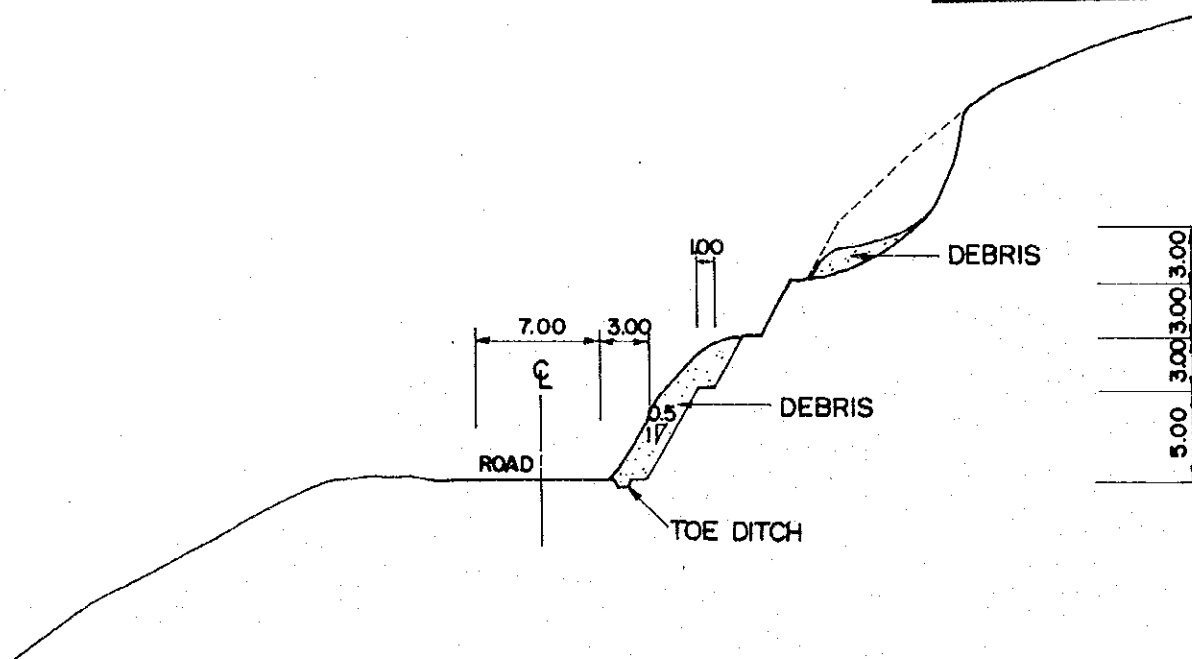
SPOT NO.	KM.	SHEET NO.
410/C31	101.750	48 OF 68

EXISTING CONDITION

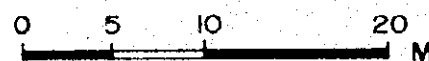
SD-2-7 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

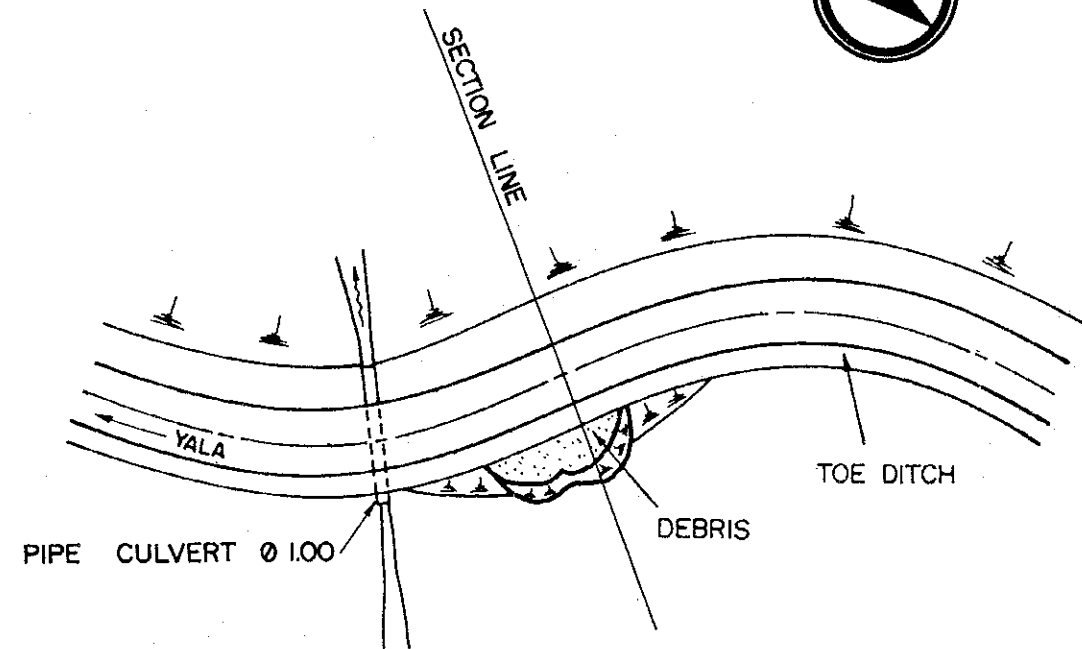


JICA RDPP STUDY

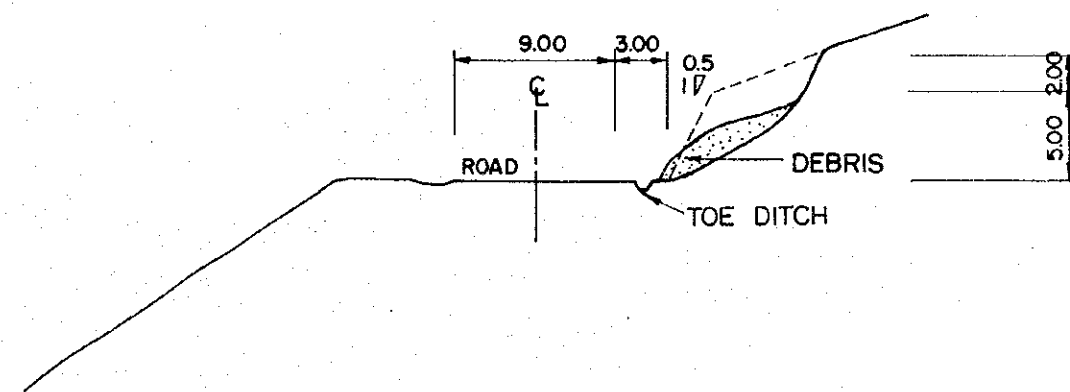
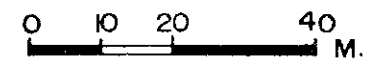
SPOT NO.	KM.	SHEET NO.
410/C32	103.200	49 OF 68

EXISTING CONDITION

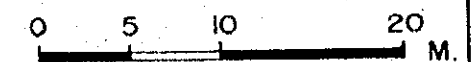
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

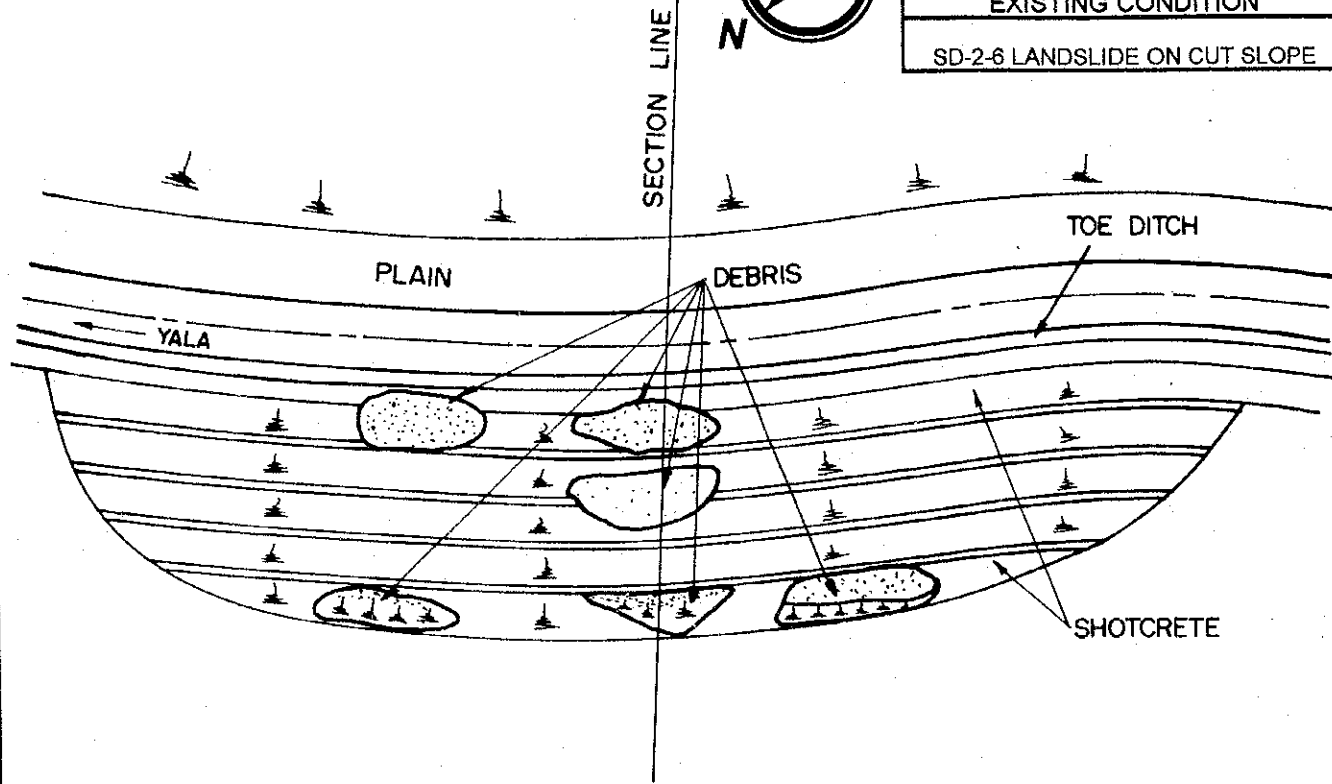


JICA RDPP STUDY

SPOT NO.	KM.	SHEET NO.
410/C33	105.700	50 OF 68

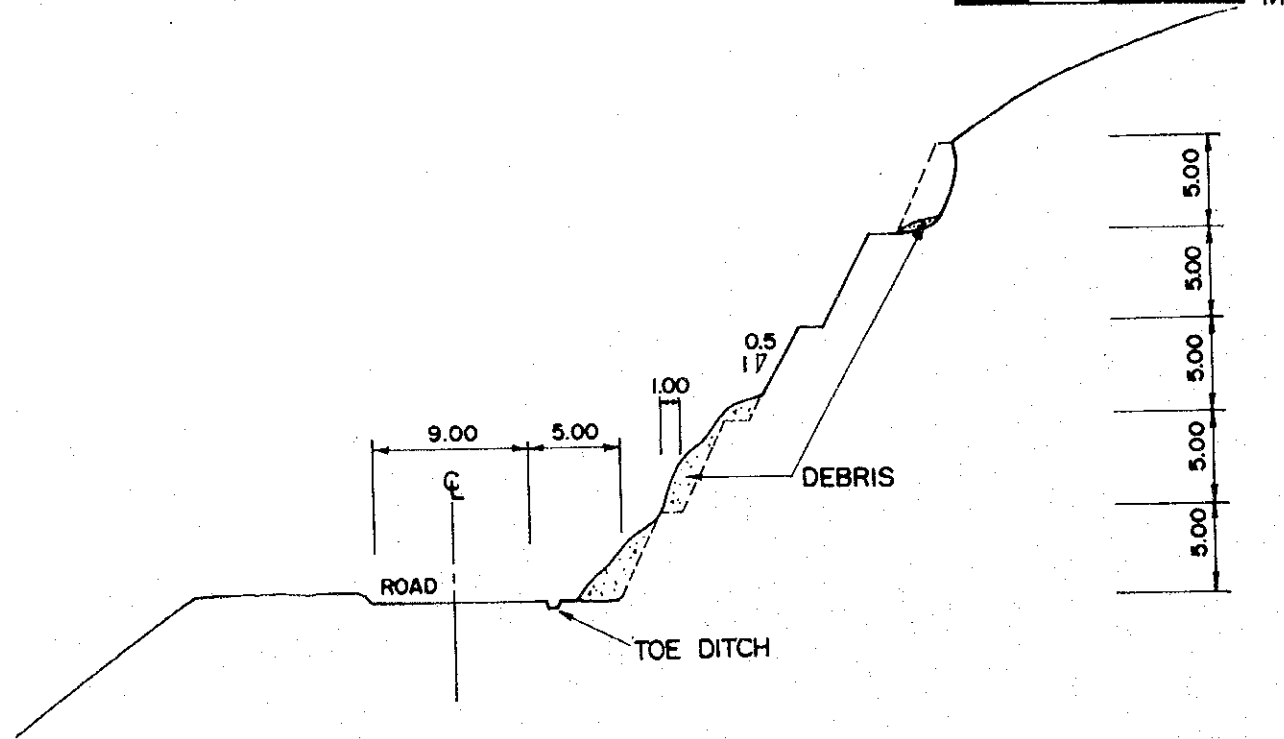
EXISTING CONDITION

SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN

0 10 20 40 M.



CROSS SECTION

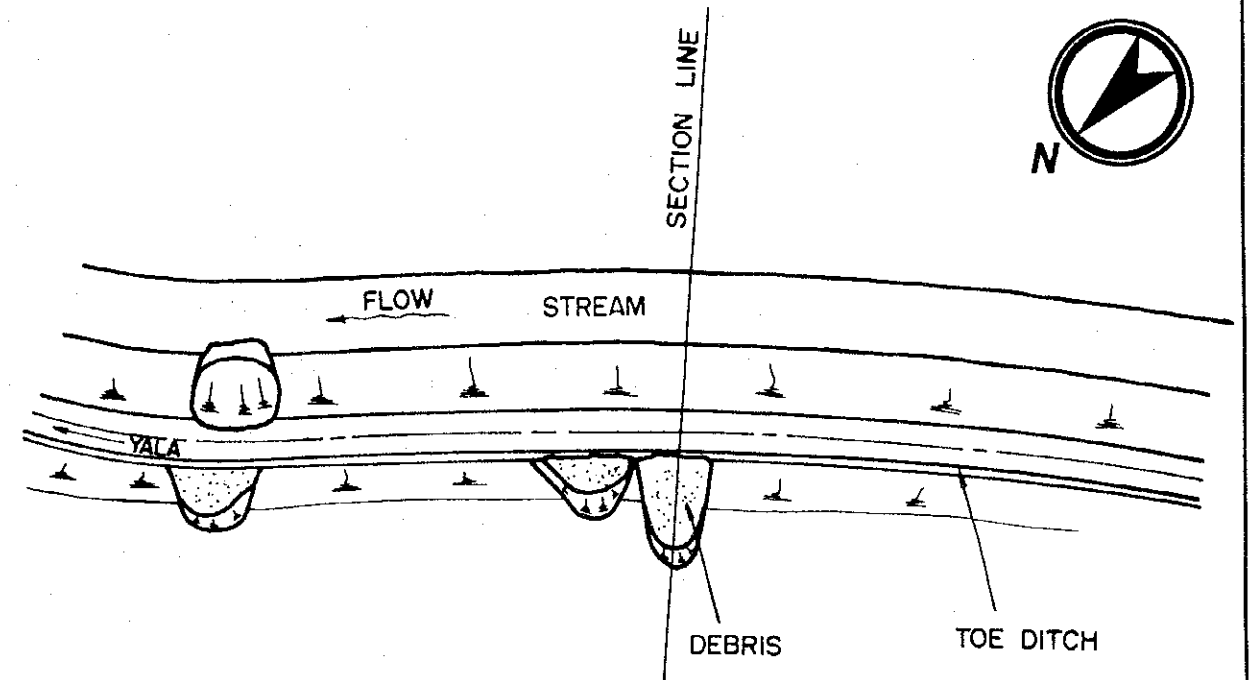
0 5 10 20 M.

JICA RDPP STUDY

SPOT NO.	KM.	SHEET NO.
410/C34	106.950	51 OF 68

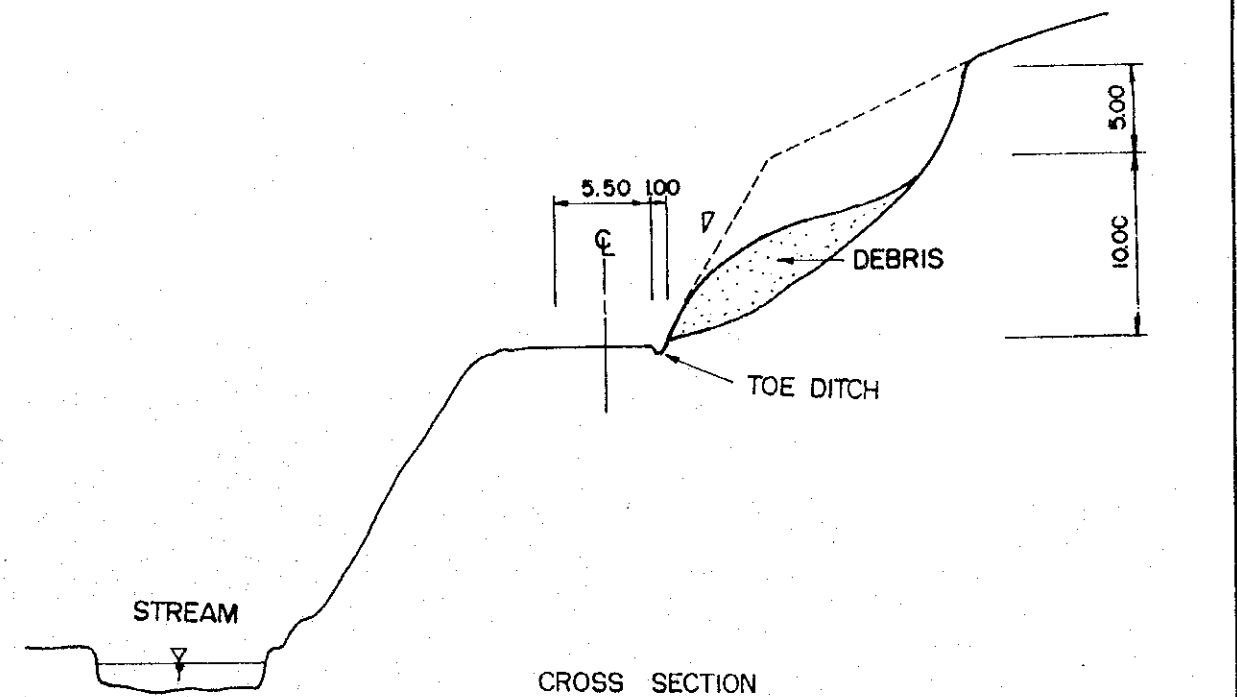
EXISTING CONDITION

SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN

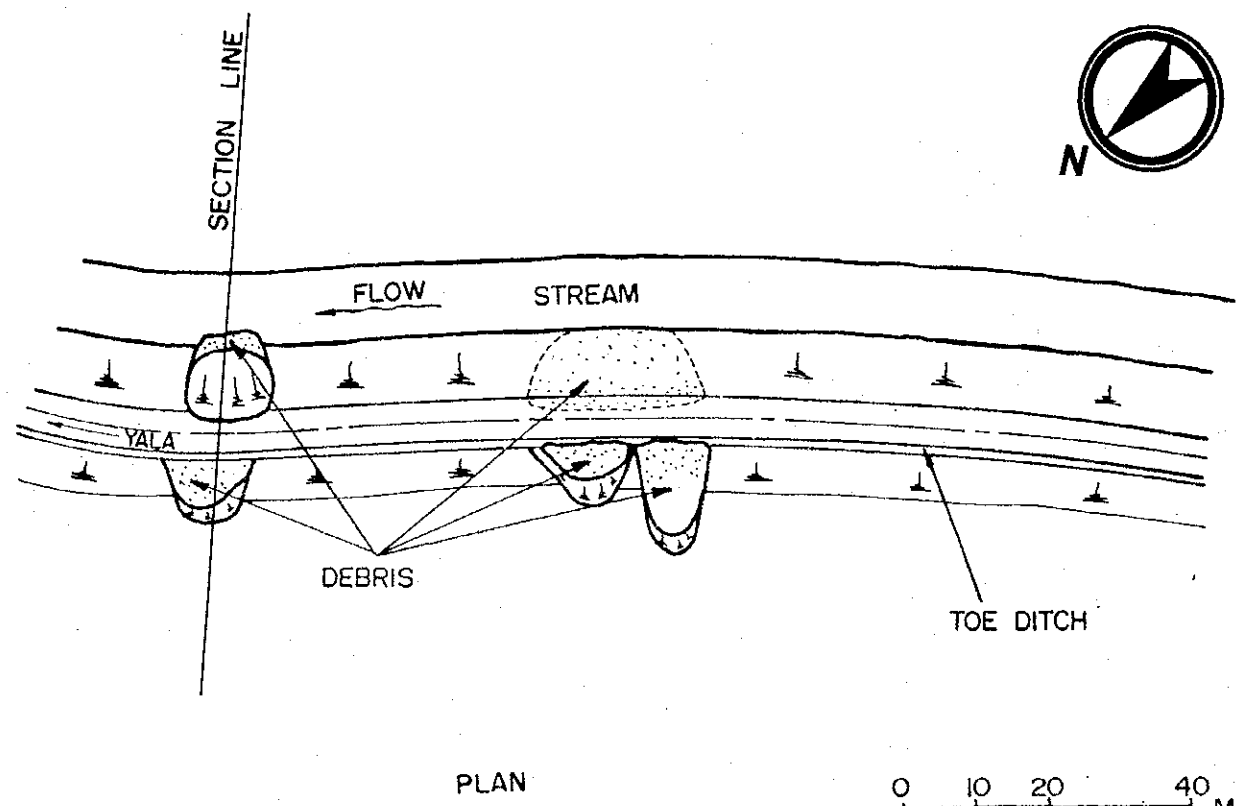
0 10 20 40 M.



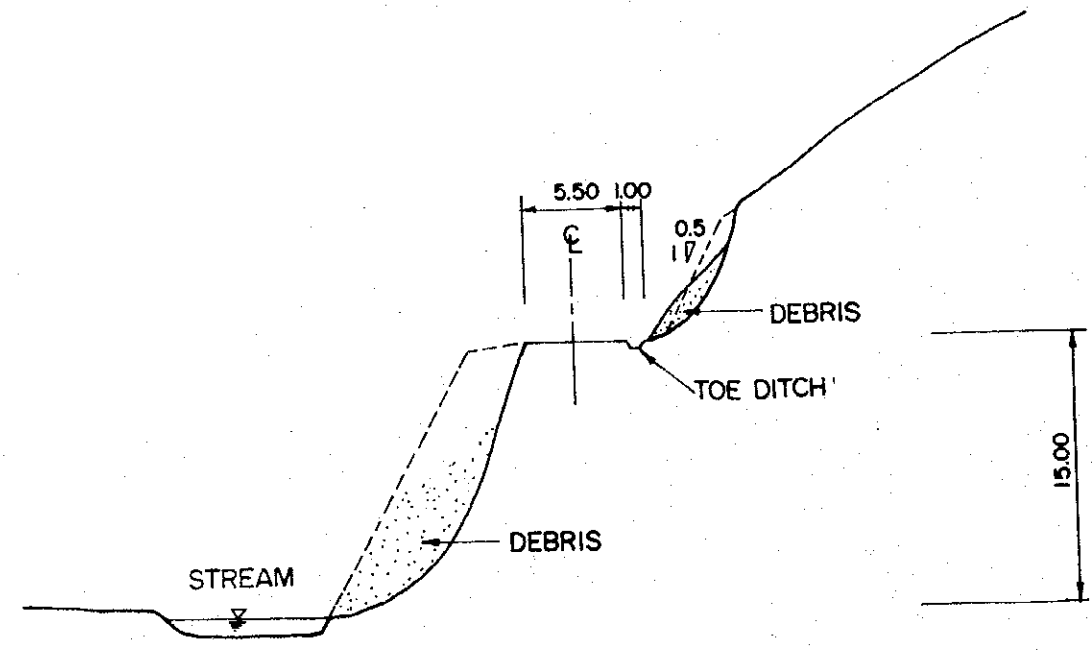
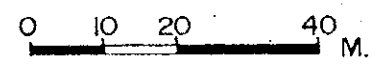
CROSS SECTION

0 5 10 20 M.

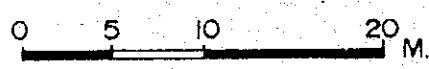
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C35	106.950	52 OF 68
EXISTING CONDITION		
SD-3-6 LANDSLIDE ON FILL SLOPE		



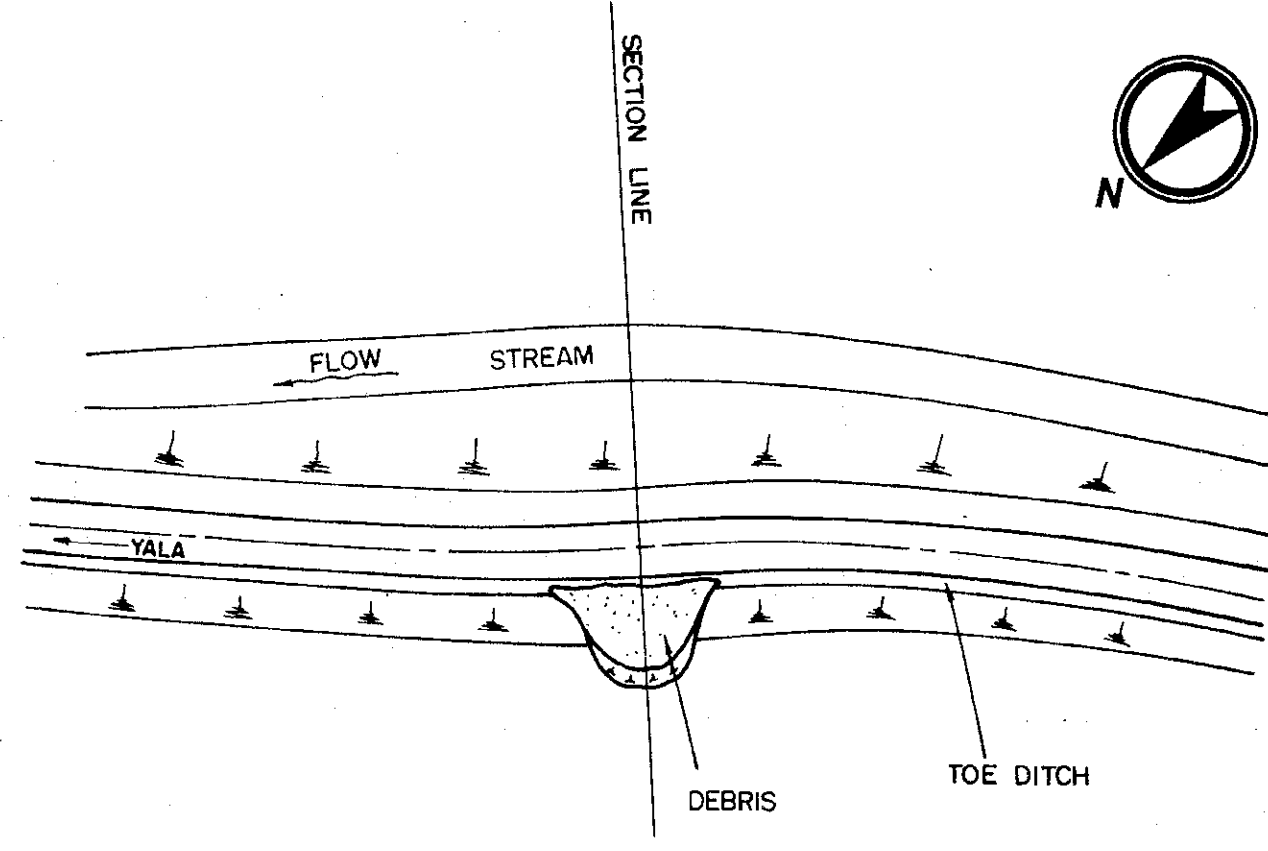
PLAN



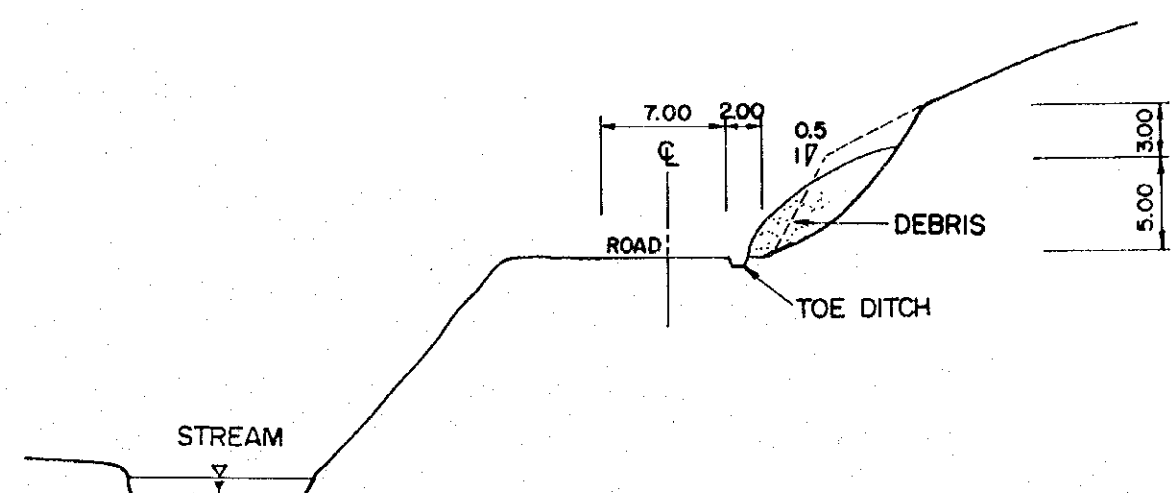
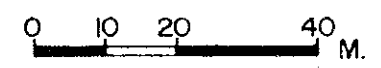
CROSS SECTION



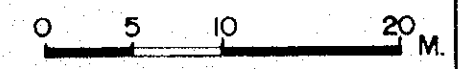
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C36	107.200	53 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



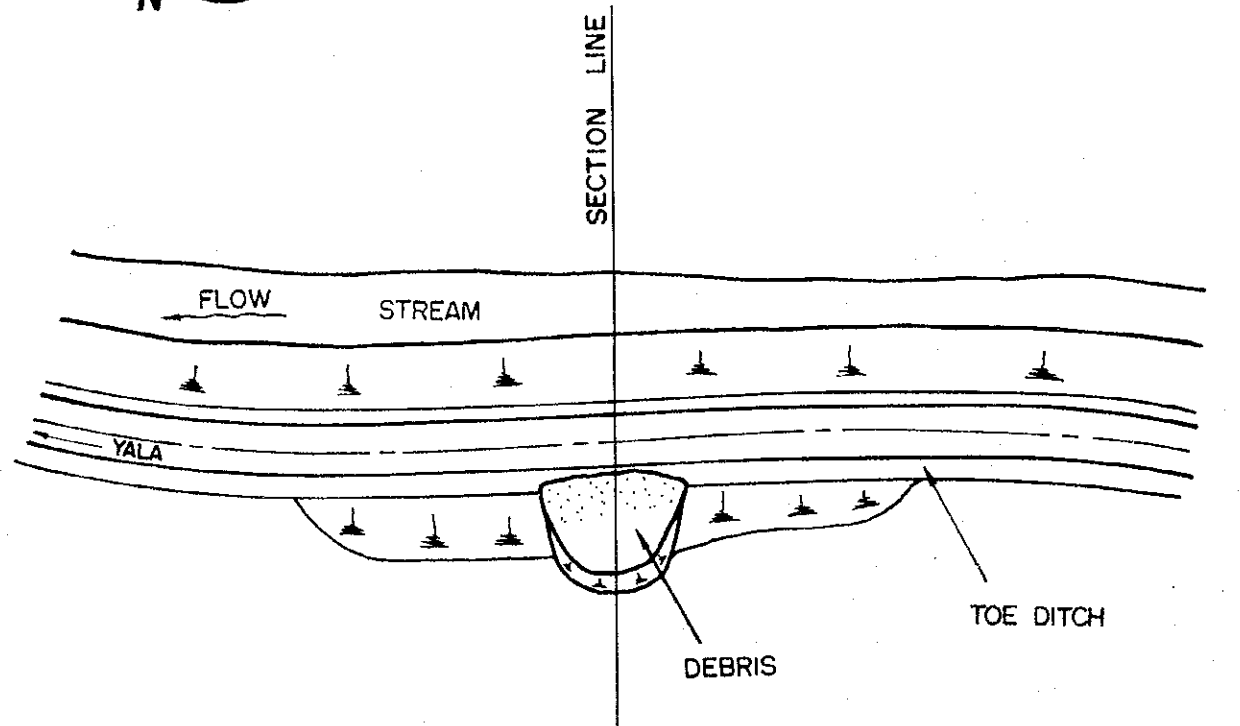
PLAN



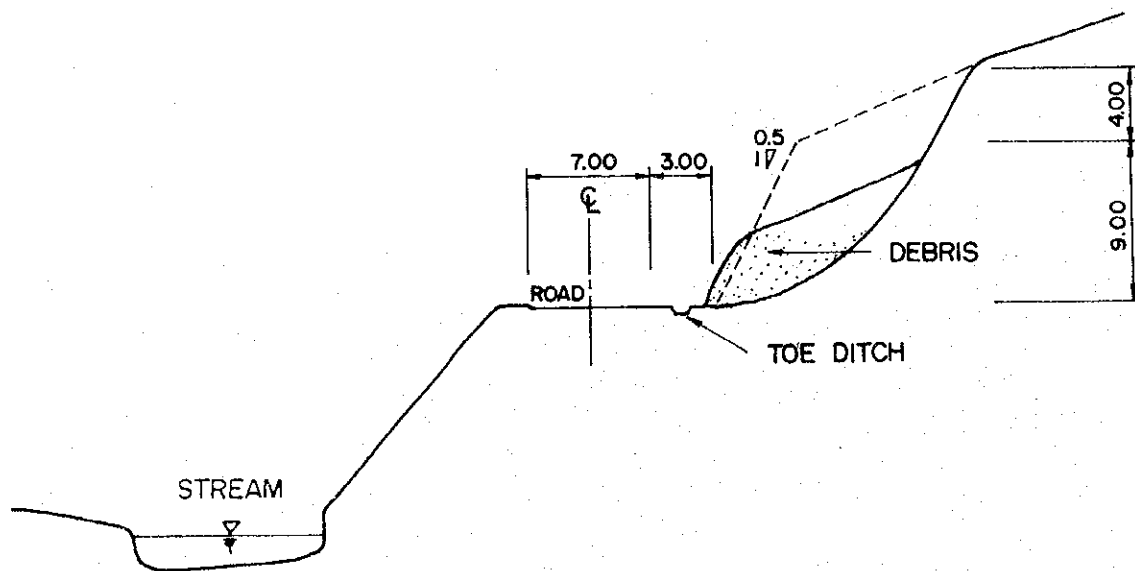
CROSS SECTION



JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C37	109.250	54 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



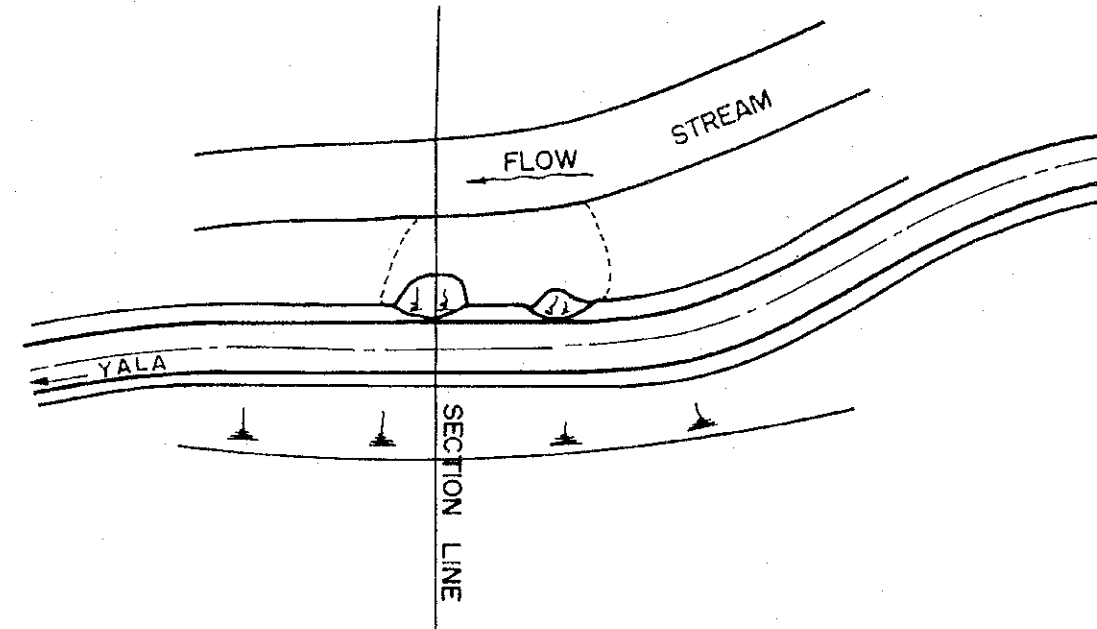
PLAN



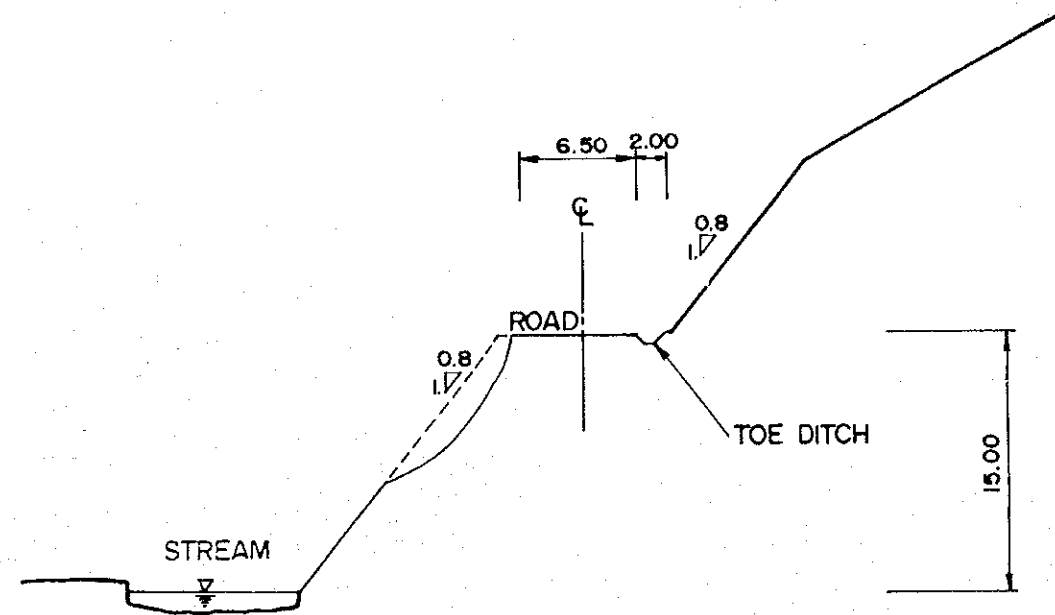
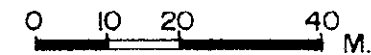
CROSS SECTION



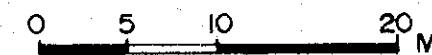
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C38	109.600	55 OF 68
EXISTING CONDITION		
SD-3-6 LANDSLIDE ON FILL SLOPE		



PLAN



CROSS SECTION

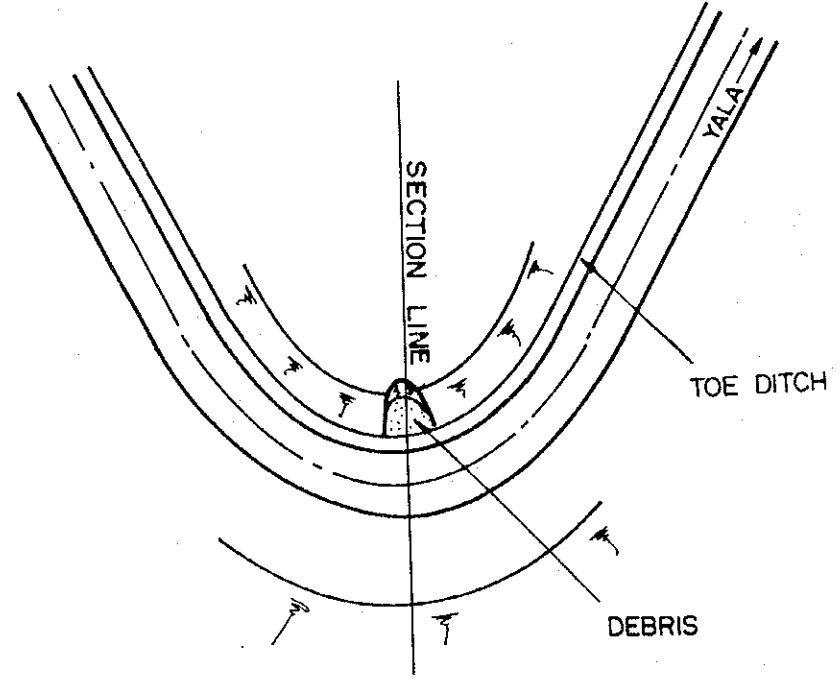


JICA RDPP STUDY

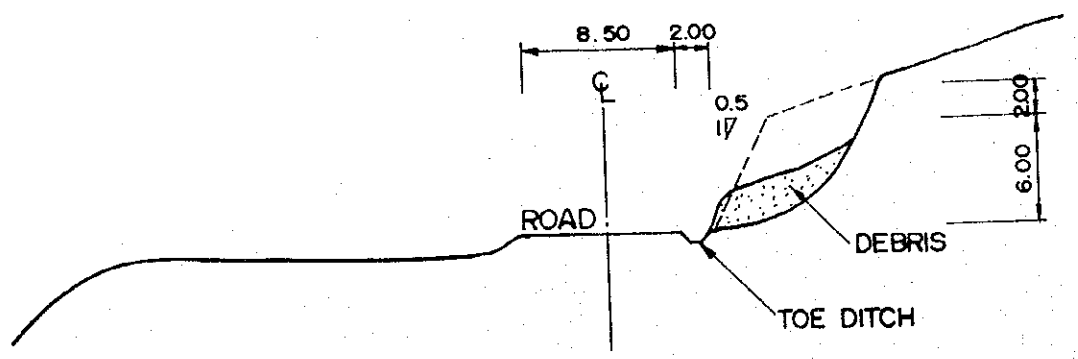
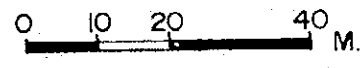
SPOT NO.	KM.	SHEET NO.
410/C39	109.950	56 OF 68

EXISTING CONDITION

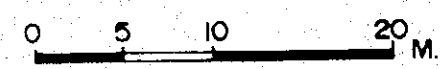
SD-2-6 LANDSLIDE ON CUT SLOPE



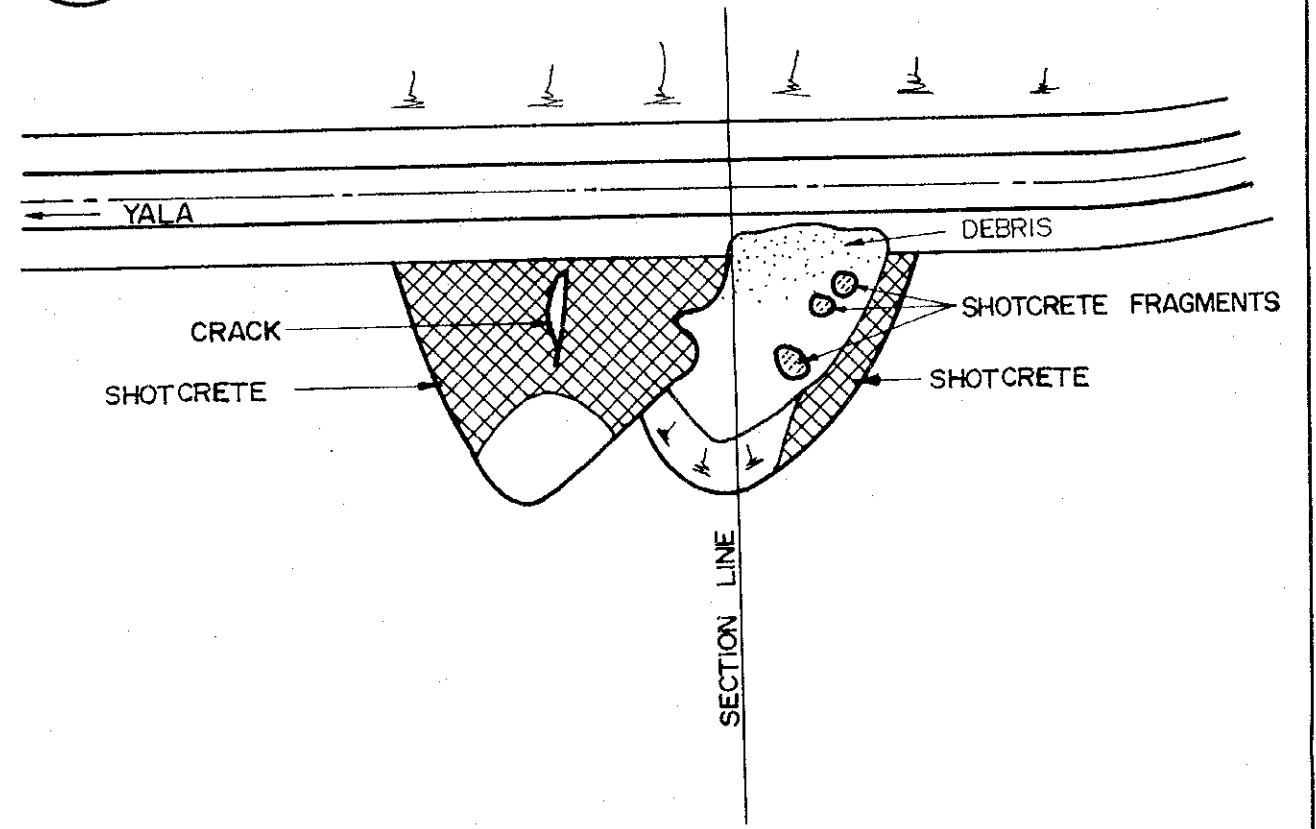
PLAN



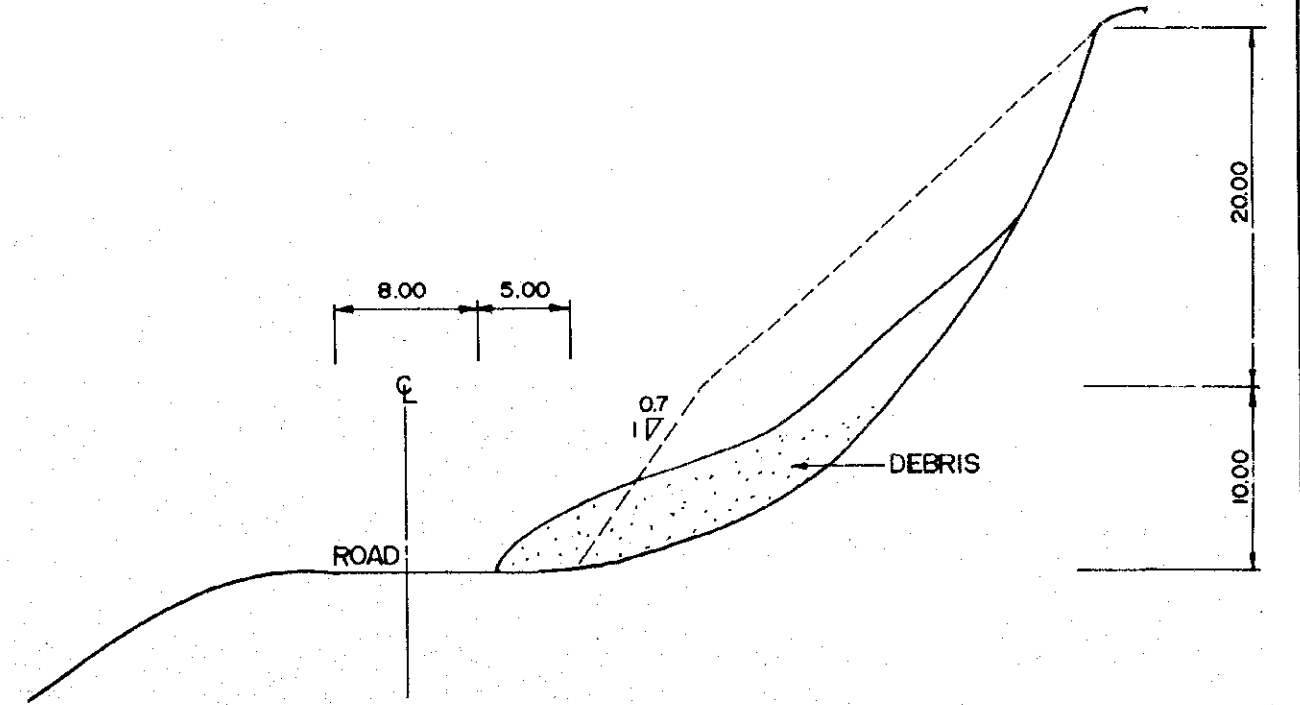
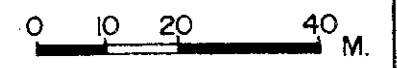
CROSS SECTION



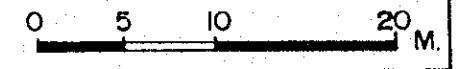
RIVER



PLAN



CROSS SECTION



JICA RDPP STUDY

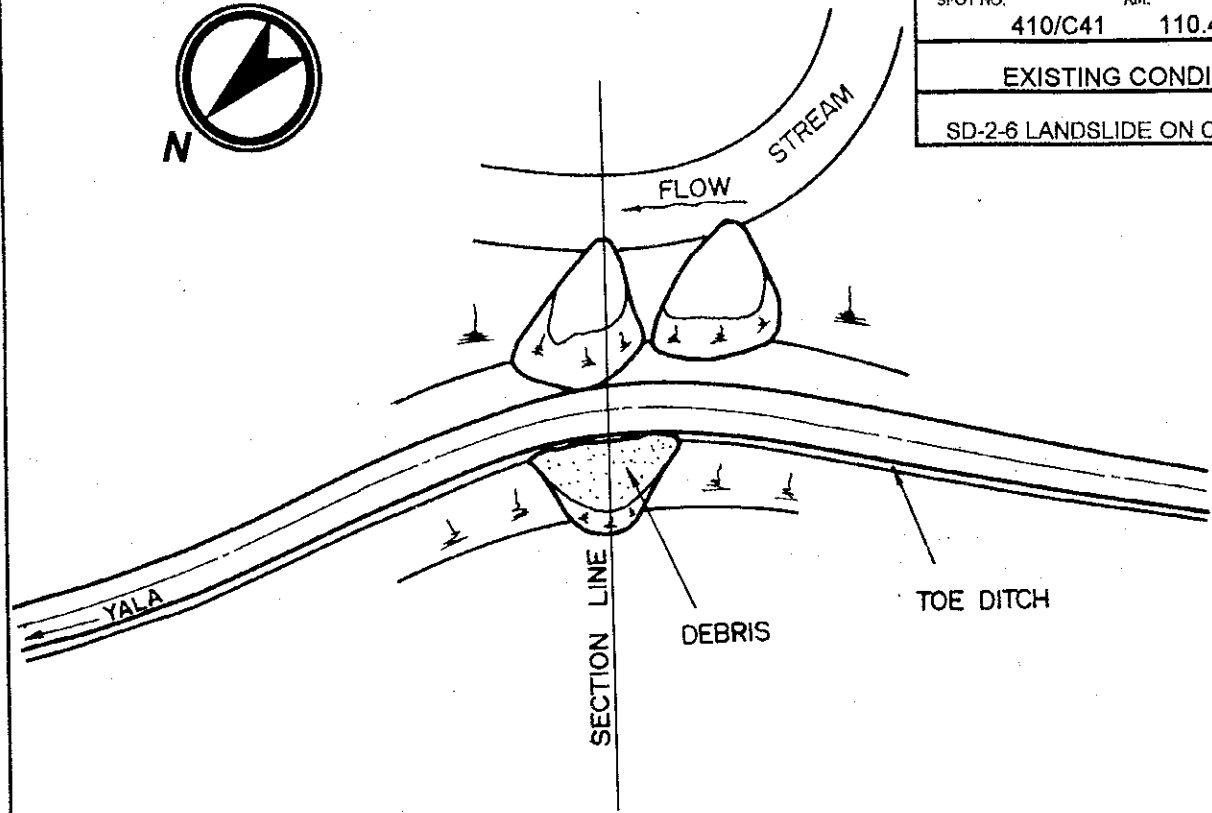
SPOT NO.	KM.	SHEET NO.
410/C40	110.200	57 OF 68

EXISTING CONDITION

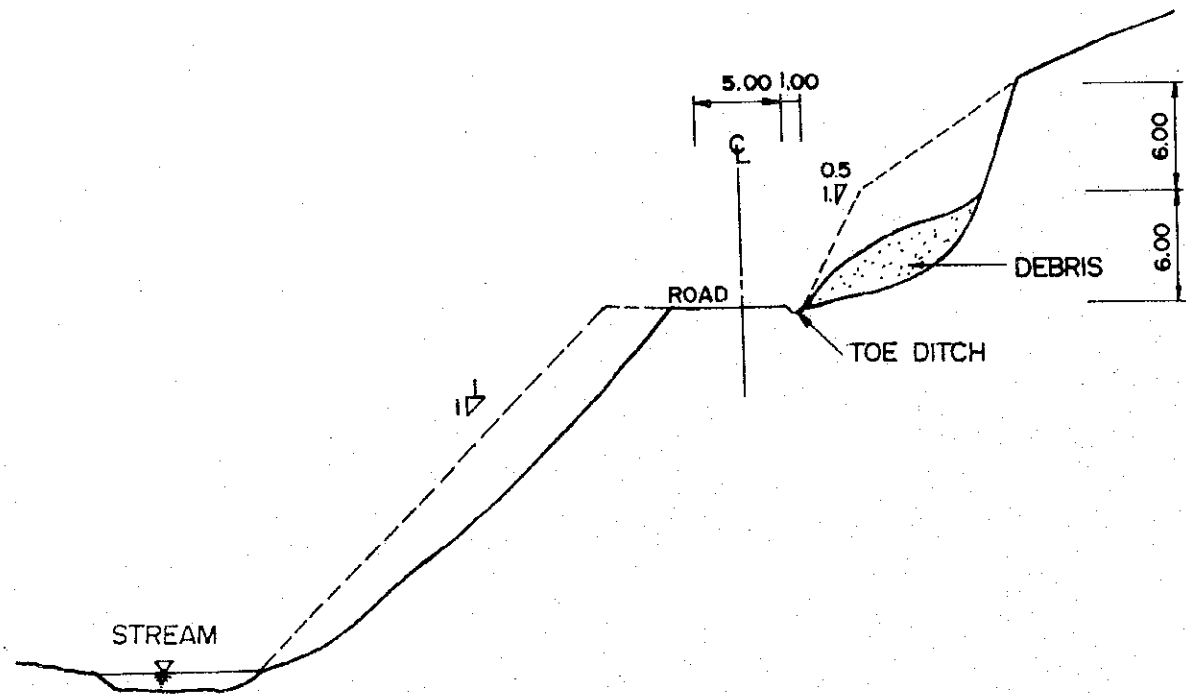
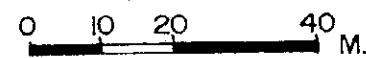
SD-2-8 LANDSLIDE ON CUT SLOPE



JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C41	110.400	58 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



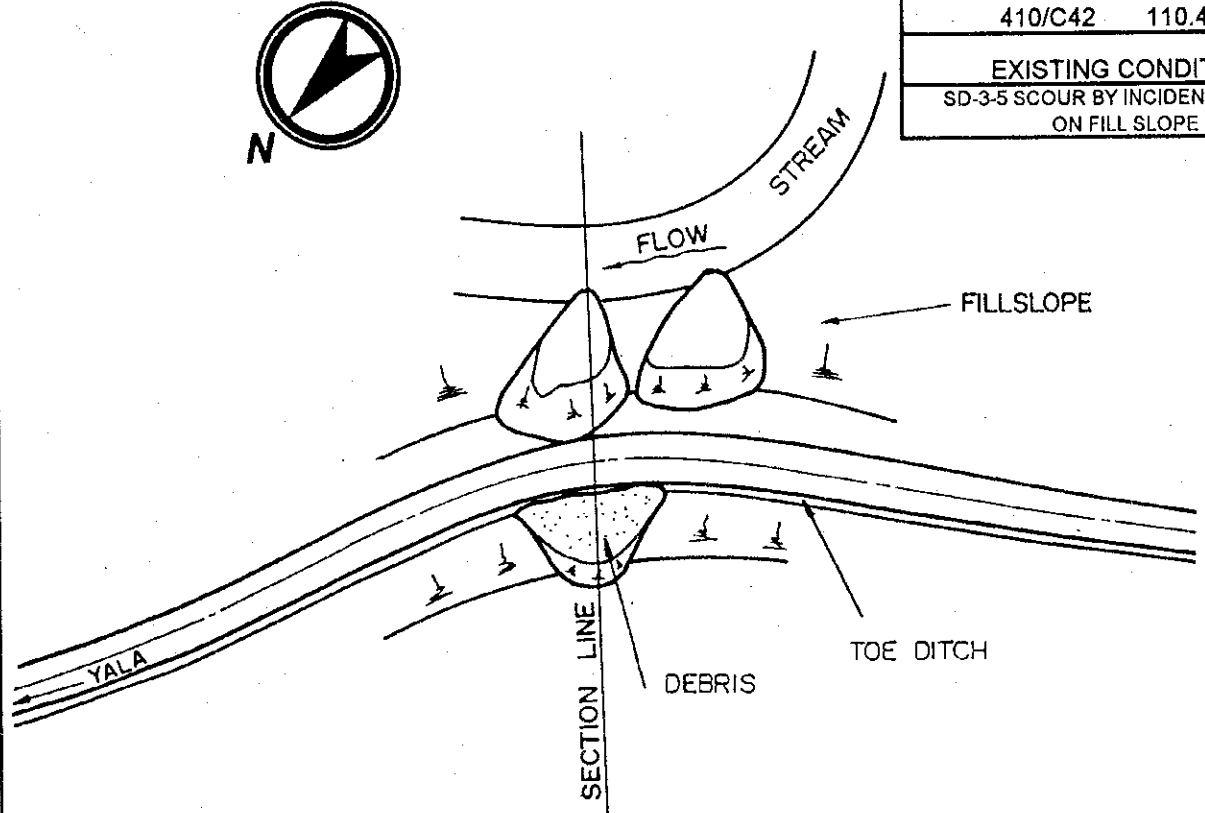
PLAN



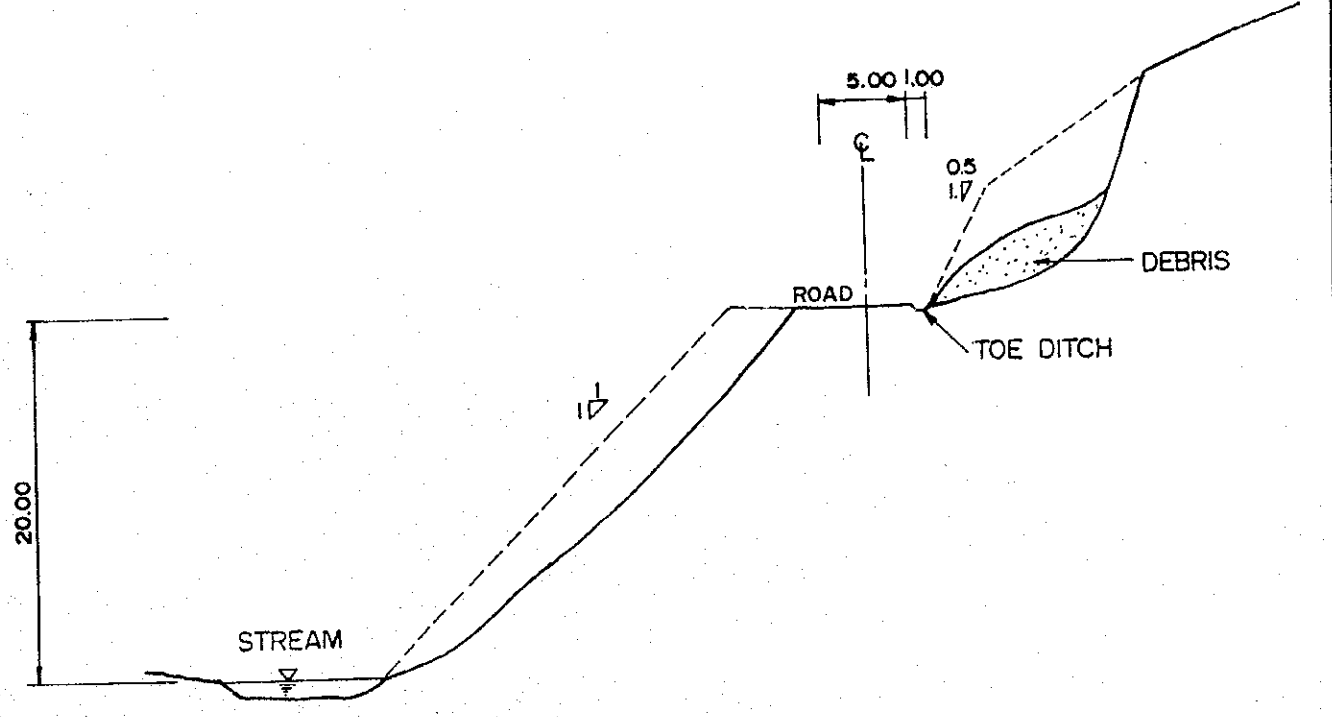
CROSS SECTION



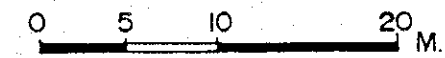
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C42	110.400	59 OF 68
EXISTING CONDITION		
SD-3-5 SCOUR BY INCIDENT STREAM ON FILL SLOPE		



PLAN



CROSS SECTION

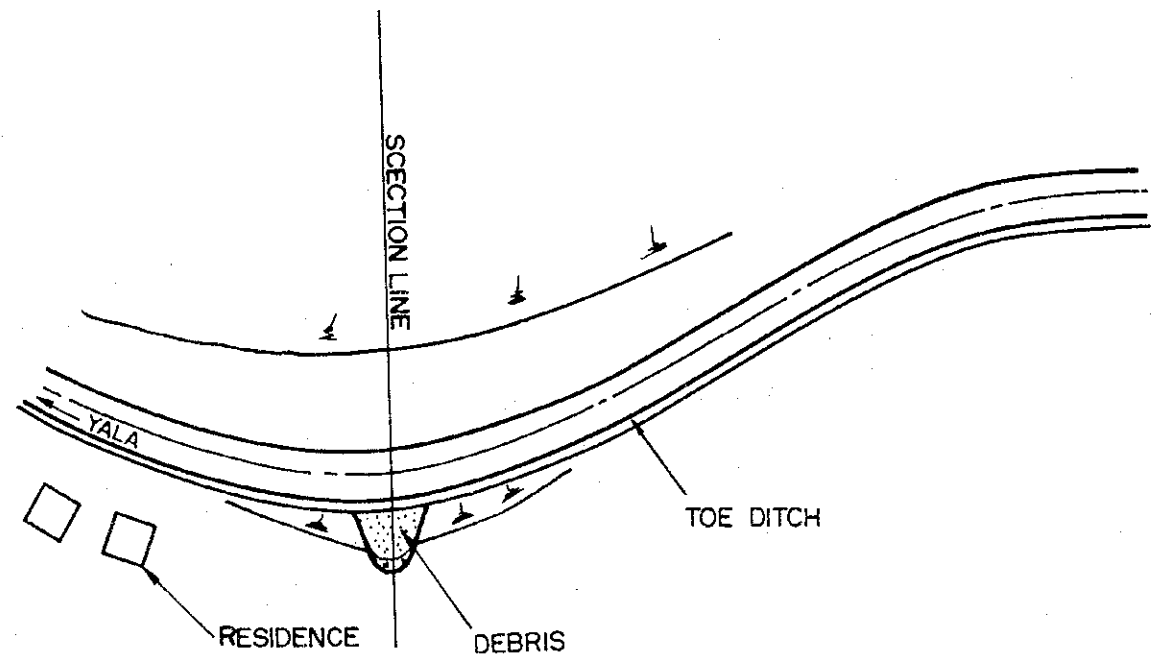


JICA RDPP STUDY

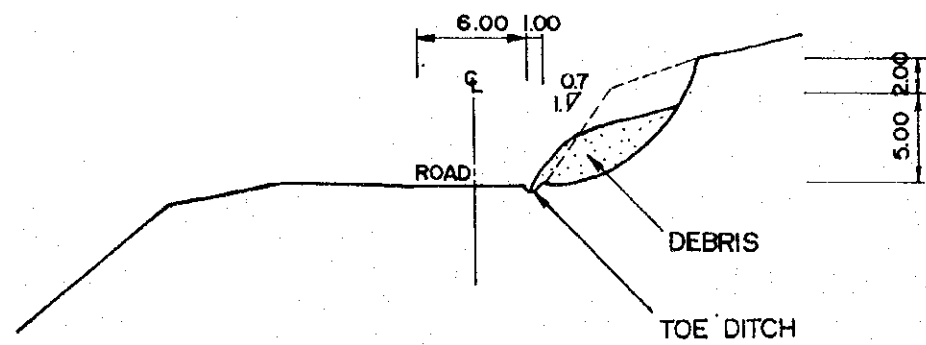
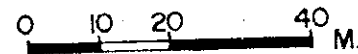
SPOT NO. 410/C43 KM. 110.800 SHEET NO. 60 OF 68

EXISTING CONDITION

SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

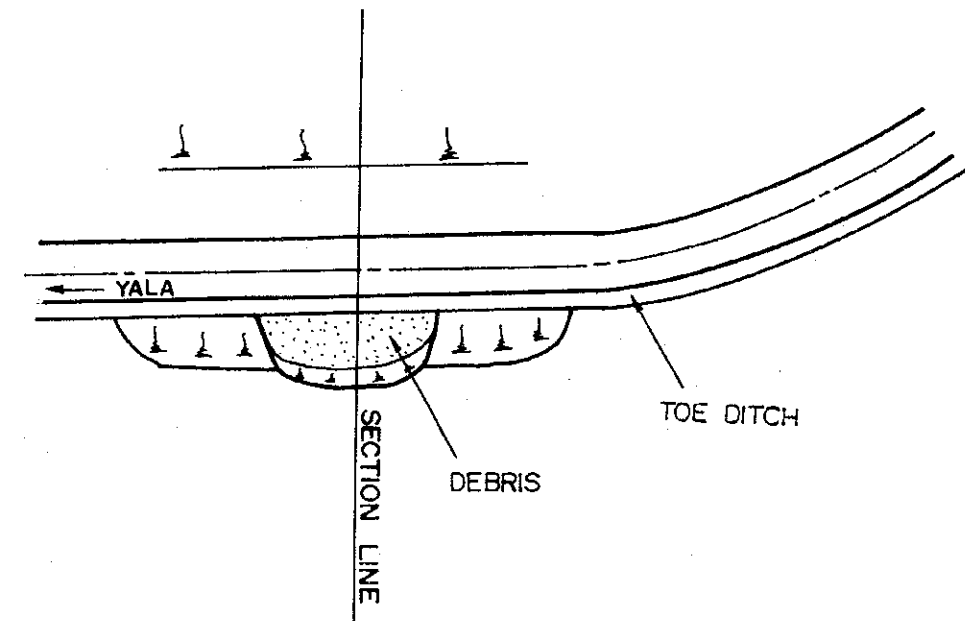


JICA RDPP STUDY

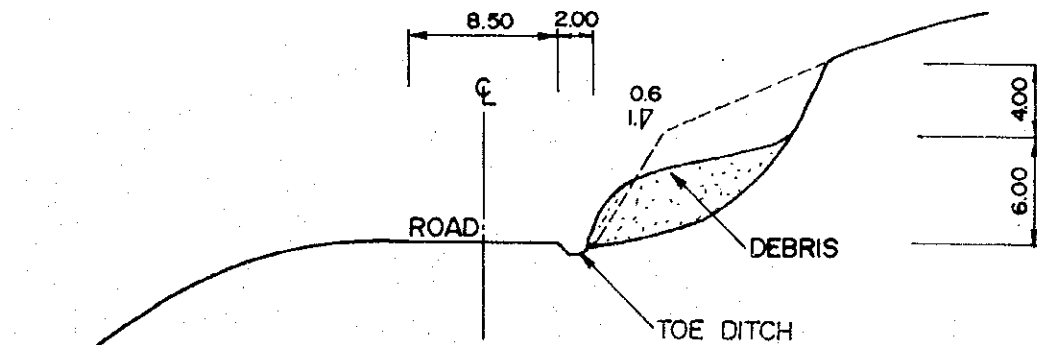
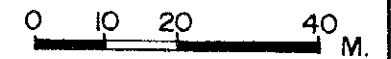
SPOT NO. 410/C44 KM. 111.150 SHEET NO. 61 OF 68

EXISTING CONDITION

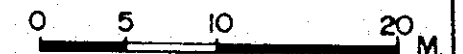
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

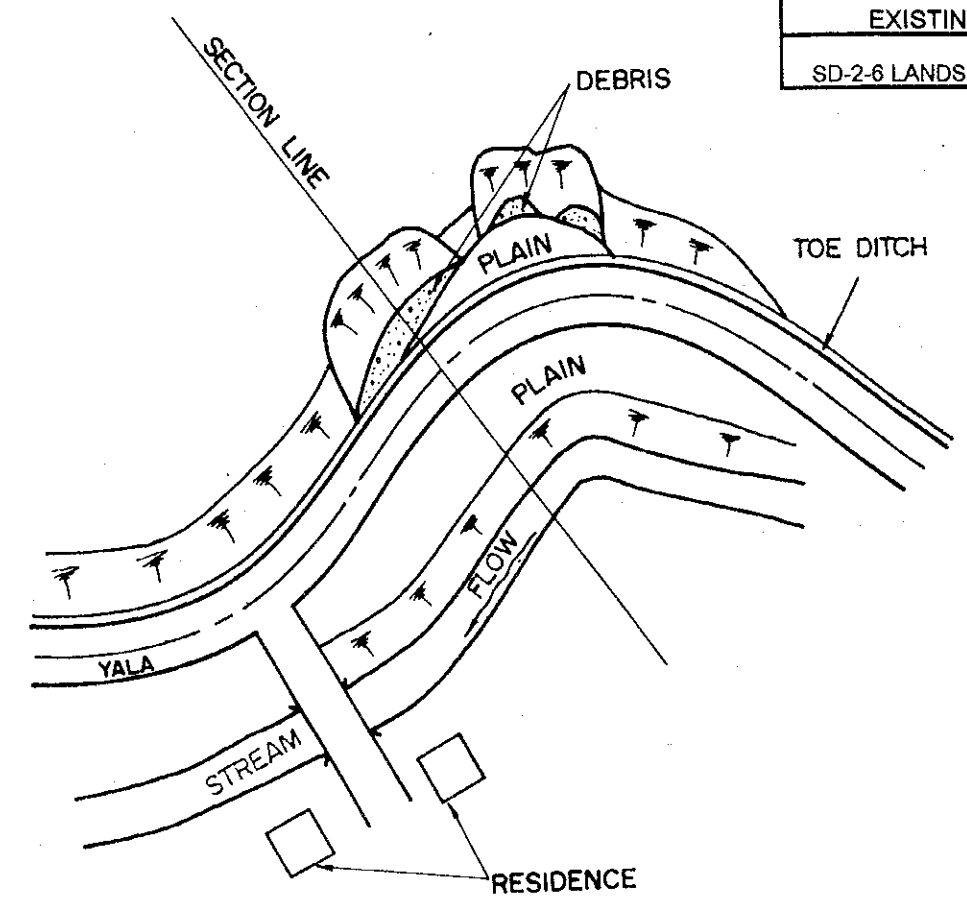


JICA RDPP STUDY

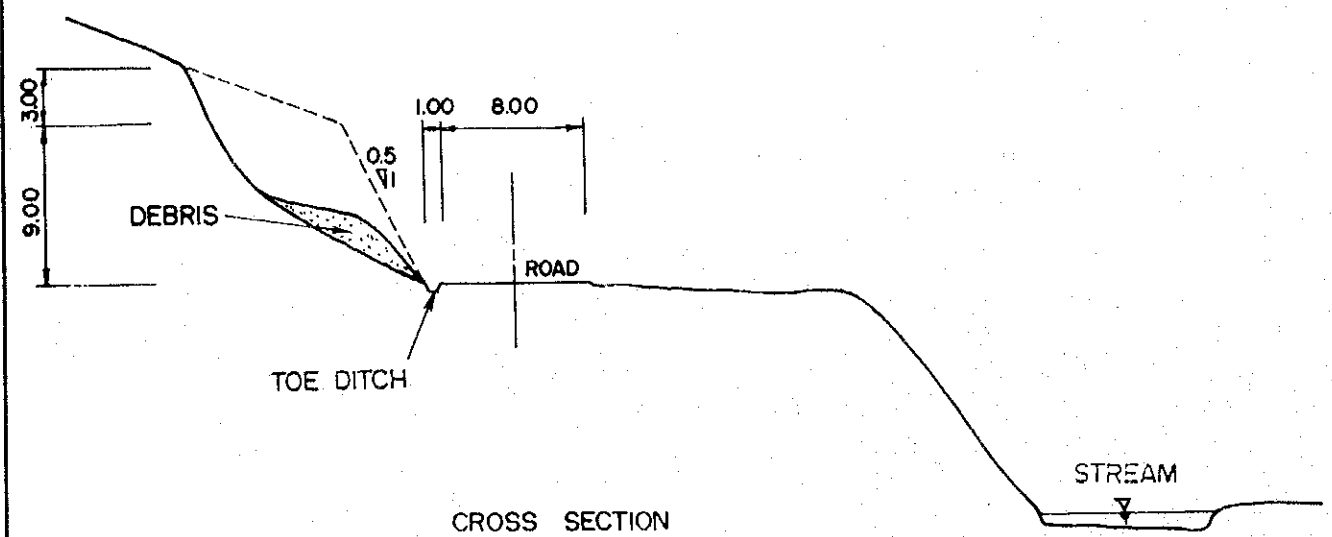
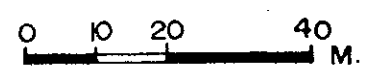
SPOT NO.	KM.	SHEET NO.
410/C45	114.100	62 OF 68

EXISTING CONDITION

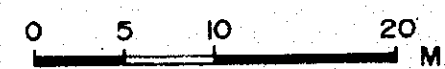
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

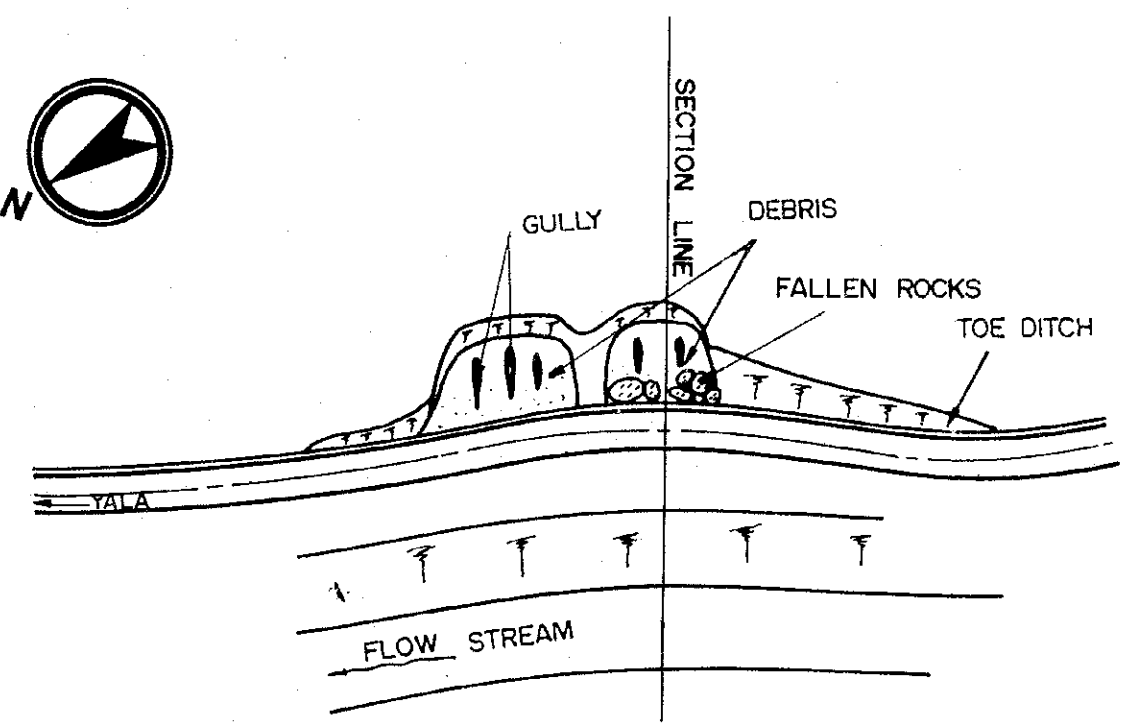


JICA RDPP STUDY

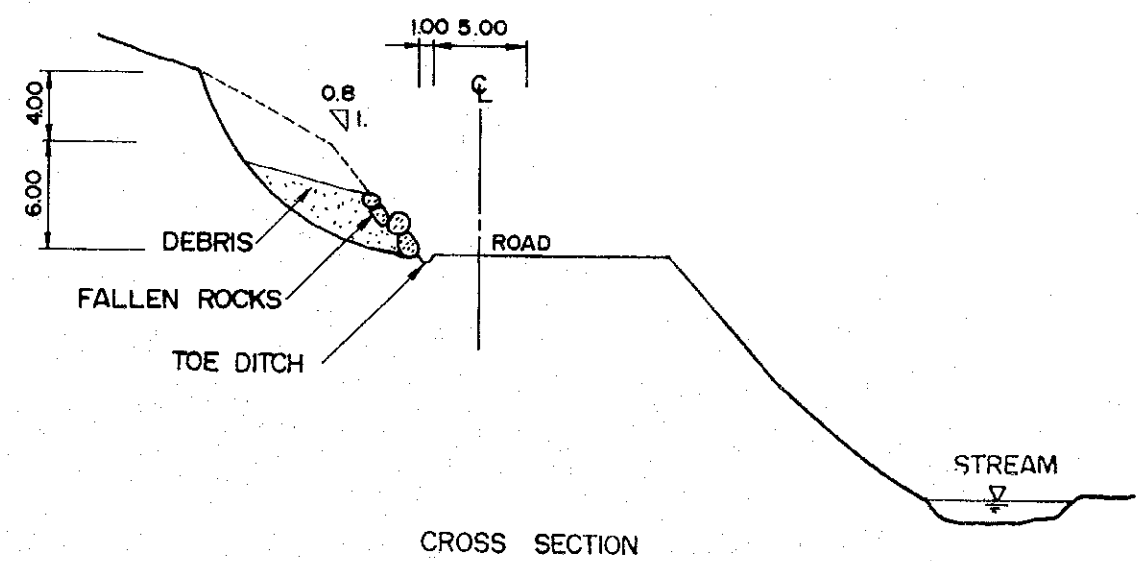
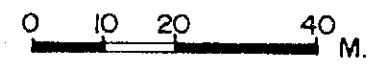
SPOT NO.	KM.	SHEET NO.
410/C46	114.900	63 OF 68

EXISTING CONDITION

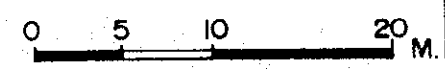
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN

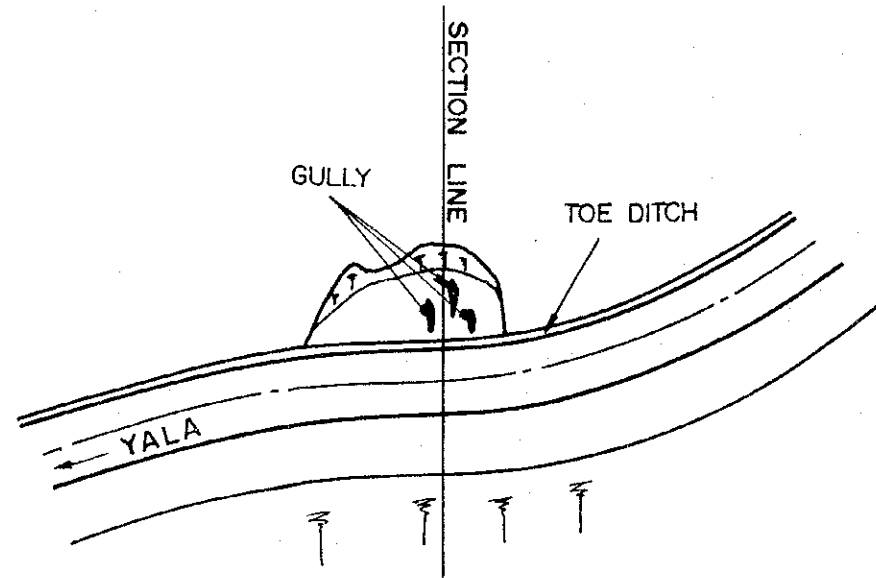


CROSS SECTION

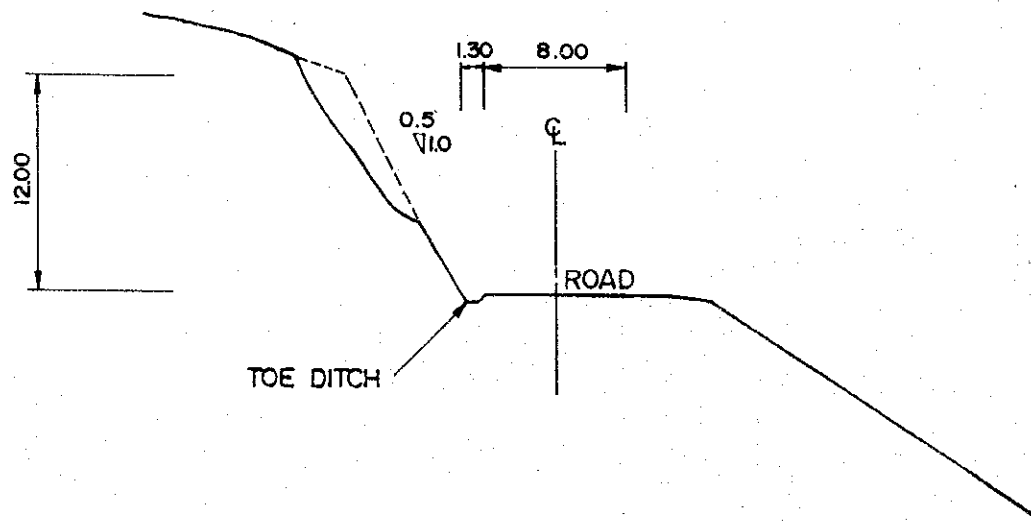
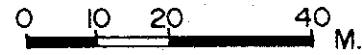




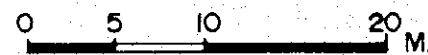
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C47	116.100	64 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



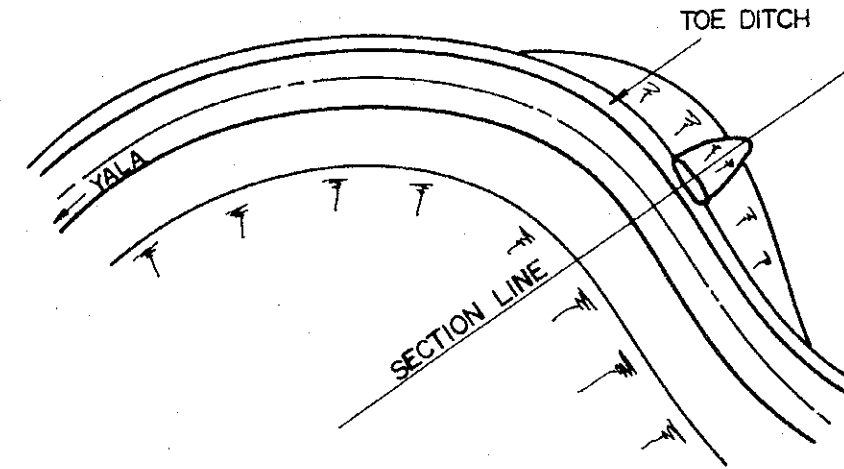
PLAN



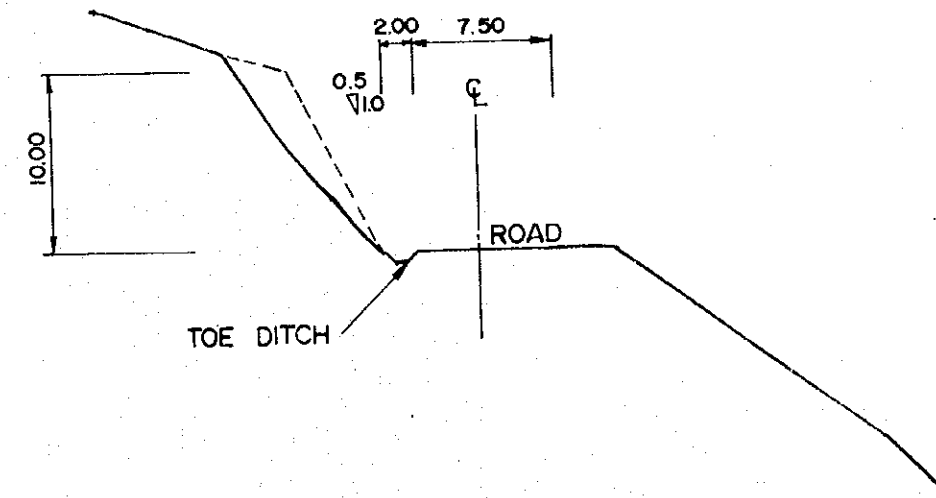
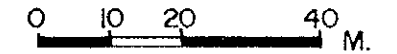
CROSS SECTION



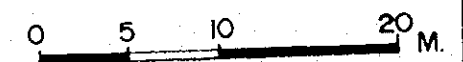
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
410/C48	116.400	65 OF 68
EXISTING CONDITION		
SD-2-6 LANDSLIDE ON CUT SLOPE		



PLAN



CROSS SECTION

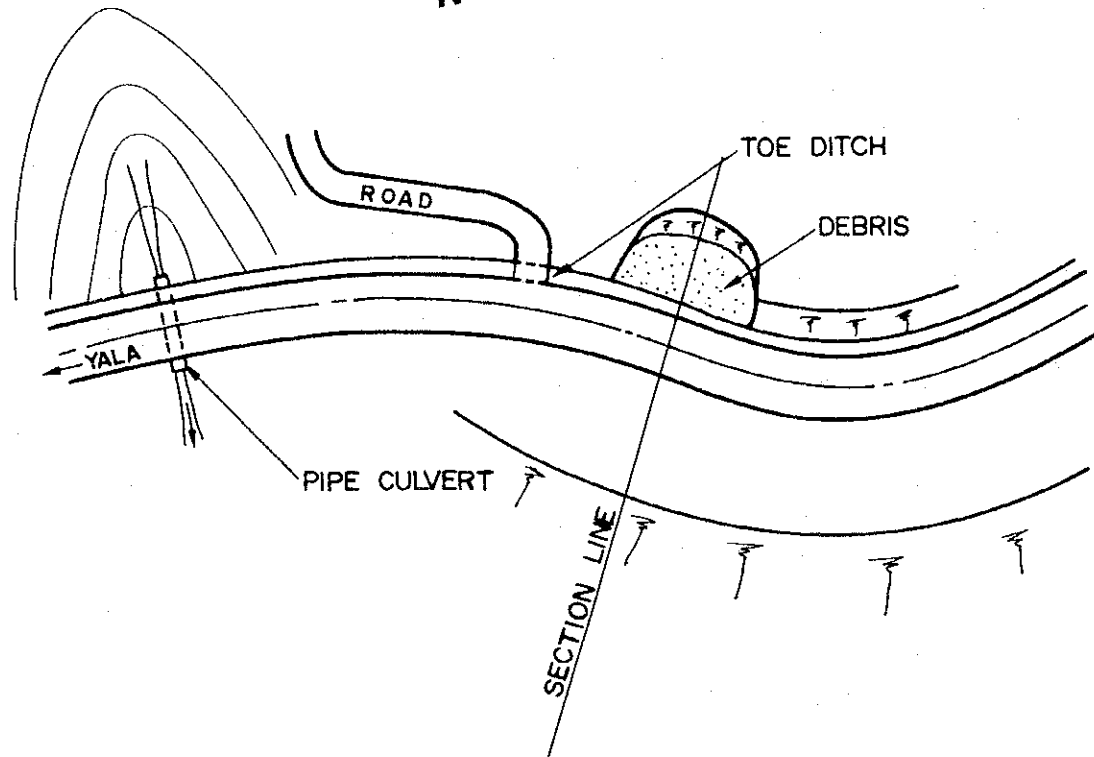


JICA RDPP STUDY

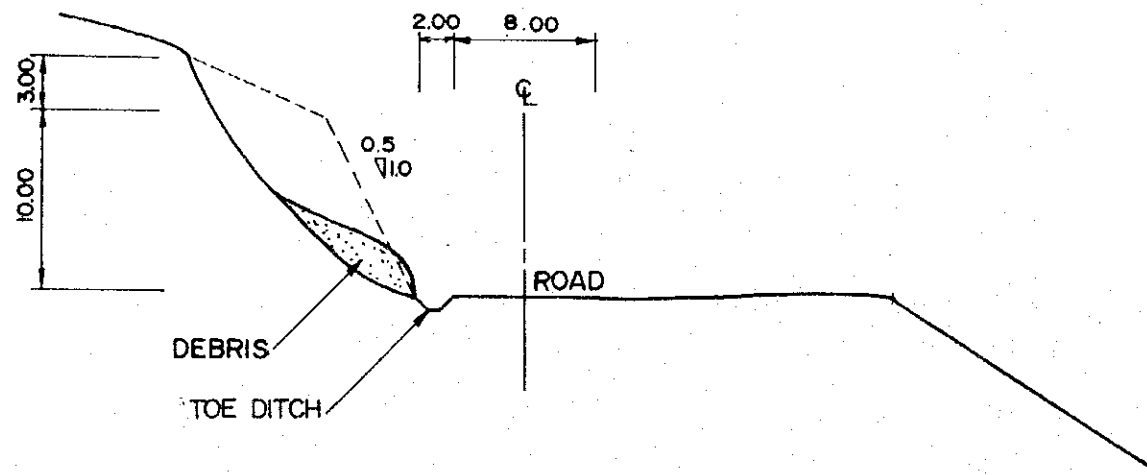
SPOT NO.	KM.	SHEET NO.
410/C49	118.050	66 OF 68

EXISTING CONDITION

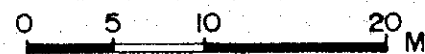
SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

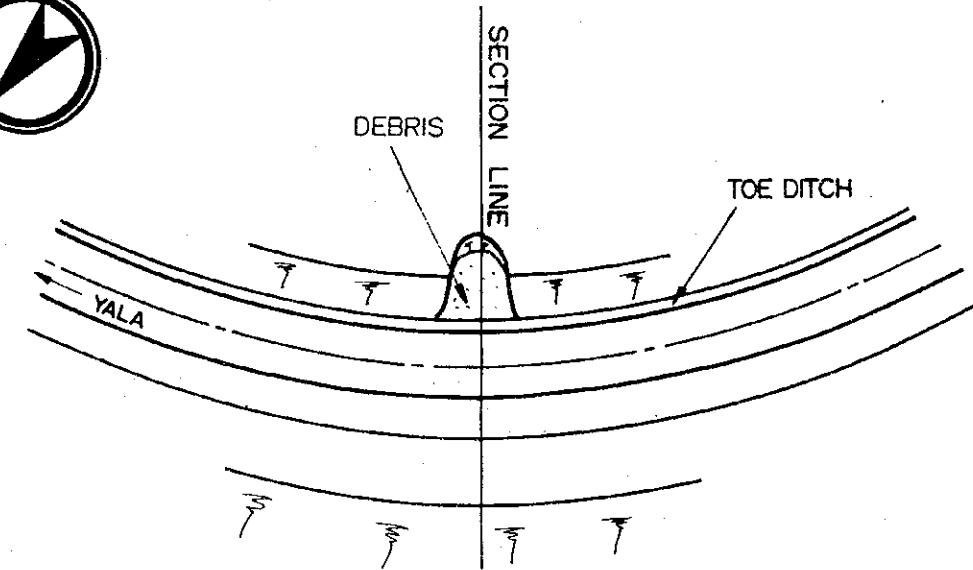


JICA RDPP STUDY

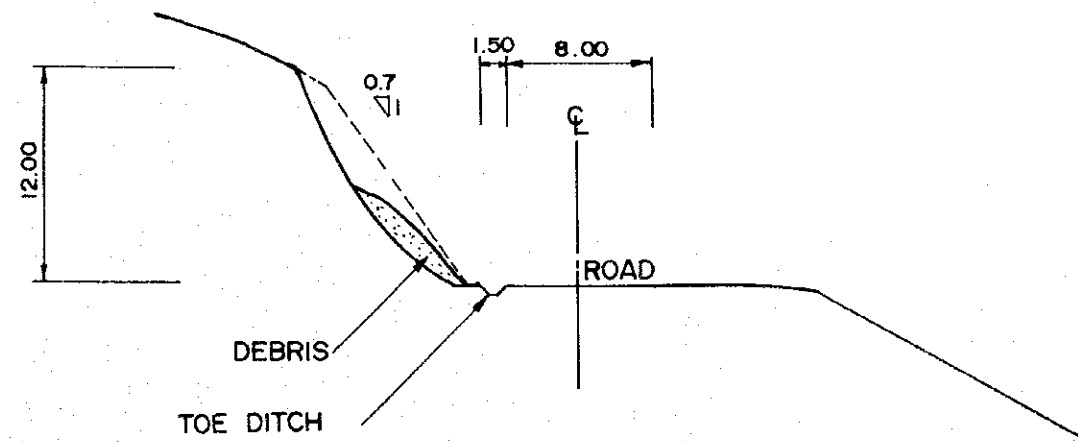
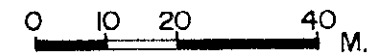
SPOT NO.	KM.	SHEET NO.
410/C50	118.500	67 OF 68

EXISTING CONDITION

SD-2-6 LANDSLIDE ON CUT SLOPE



PLAN



CROSS SECTION

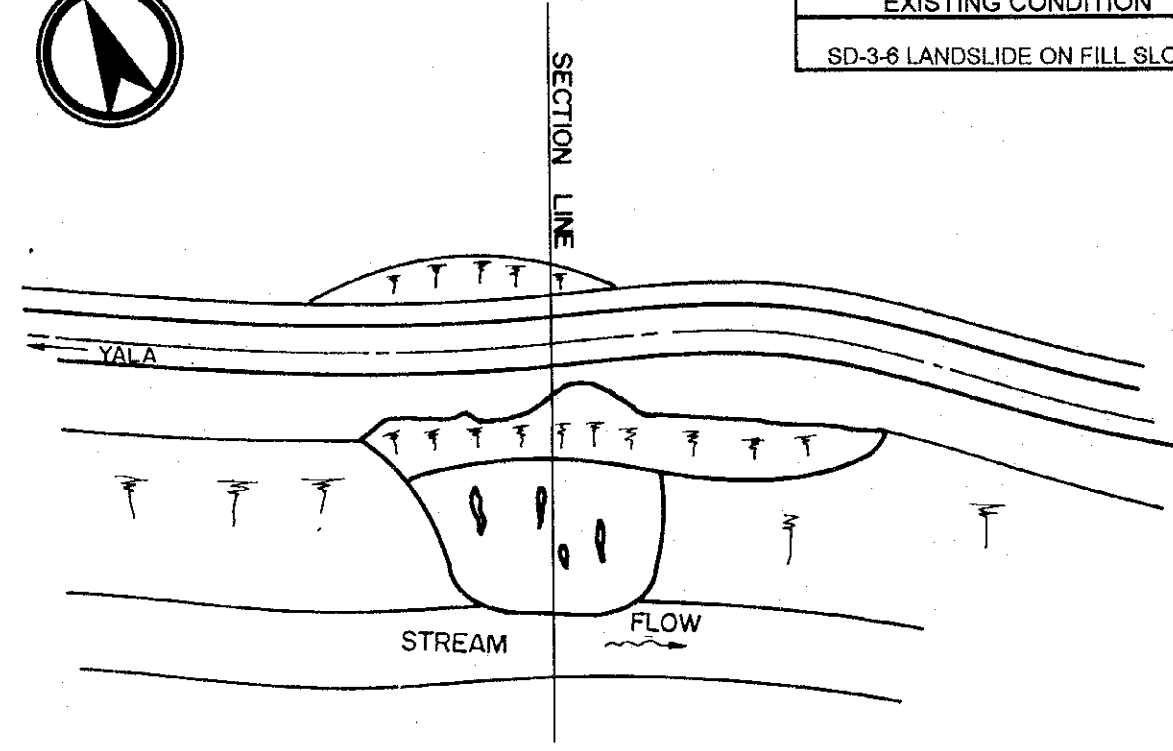


JICA RDPP STUDY

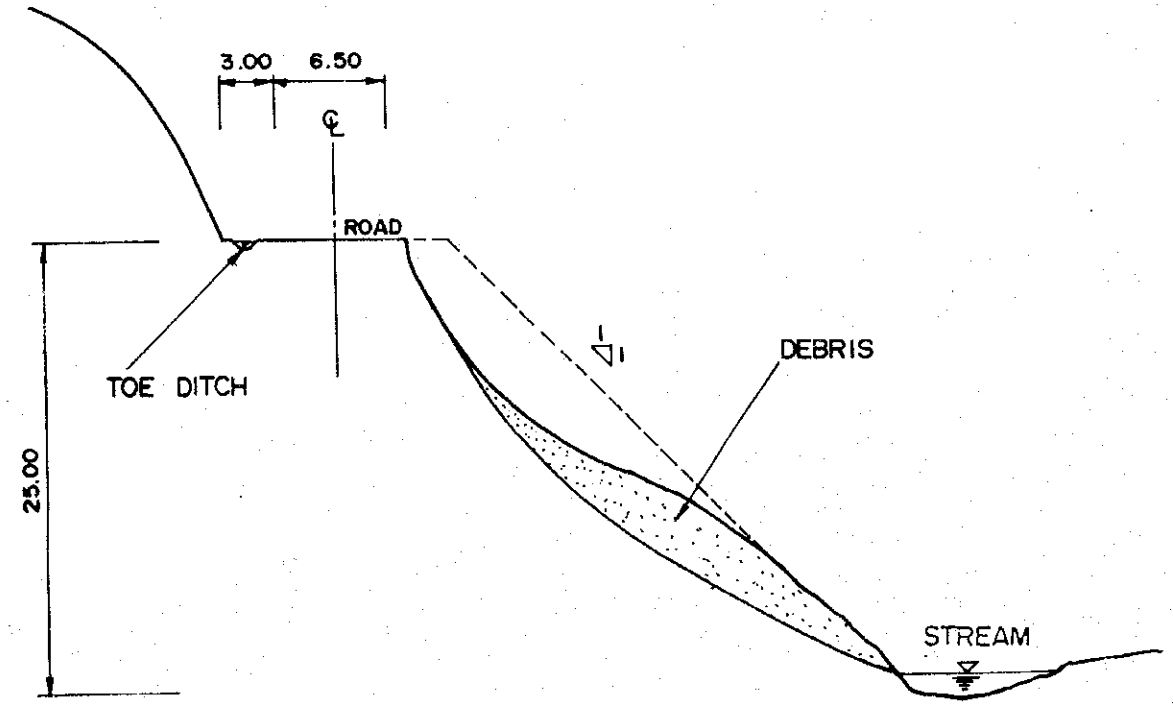
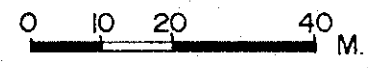
SPOT NO. 410/C51 KM. 119.000 SHEET NO. 68 OF 68

EXISTING CONDITION

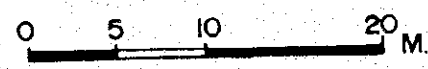
SD-3-6 LANDSLIDE ON FILL SLOPE



PLAN



CROSS SECTION



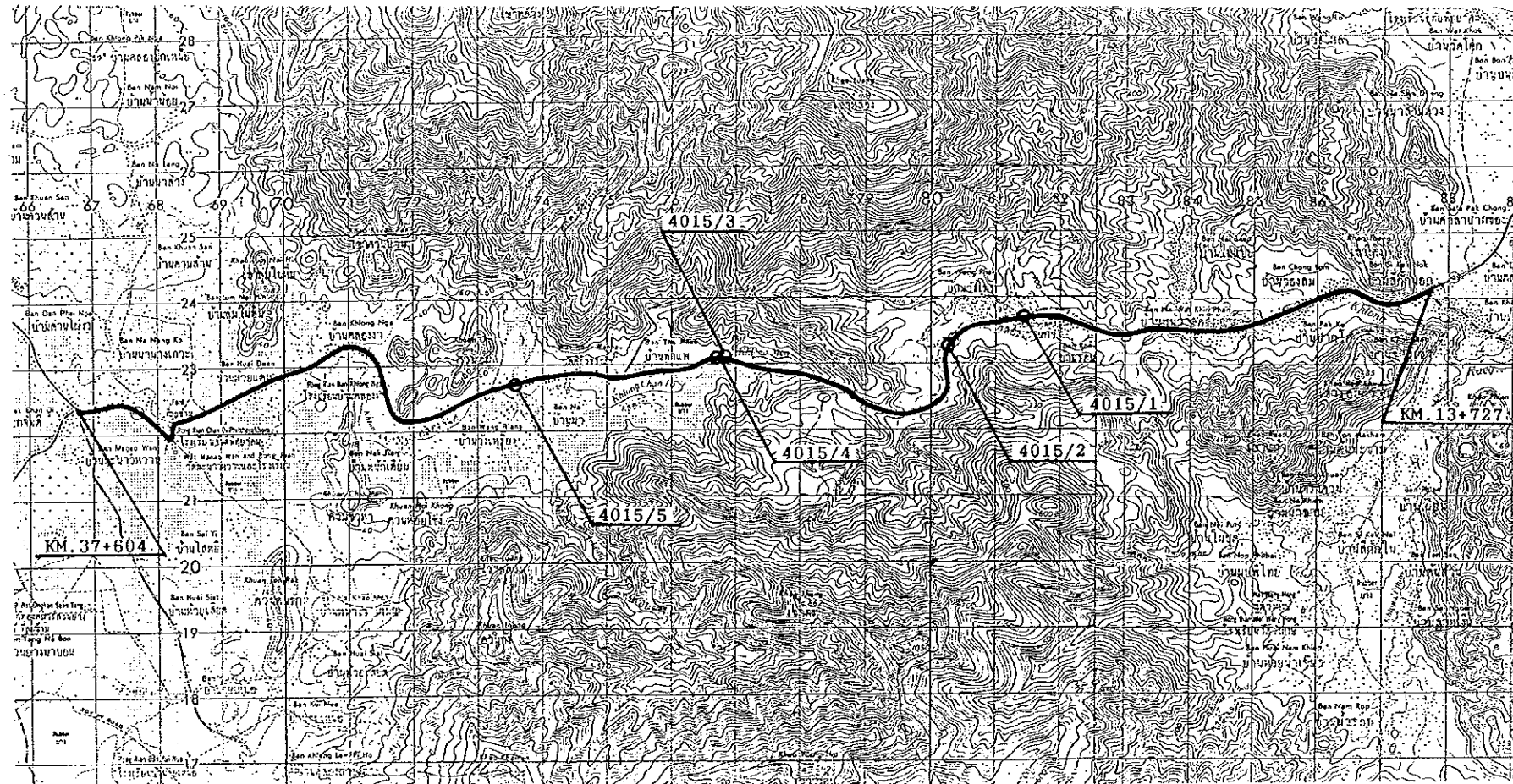
VIII. Preliminary Design for Route 4015

1. Location of Disaster Spots

LOCATION OF DISASTER SPOTS

ALIGNMENT OF ROUTE 4015

DISASTER SPOTS



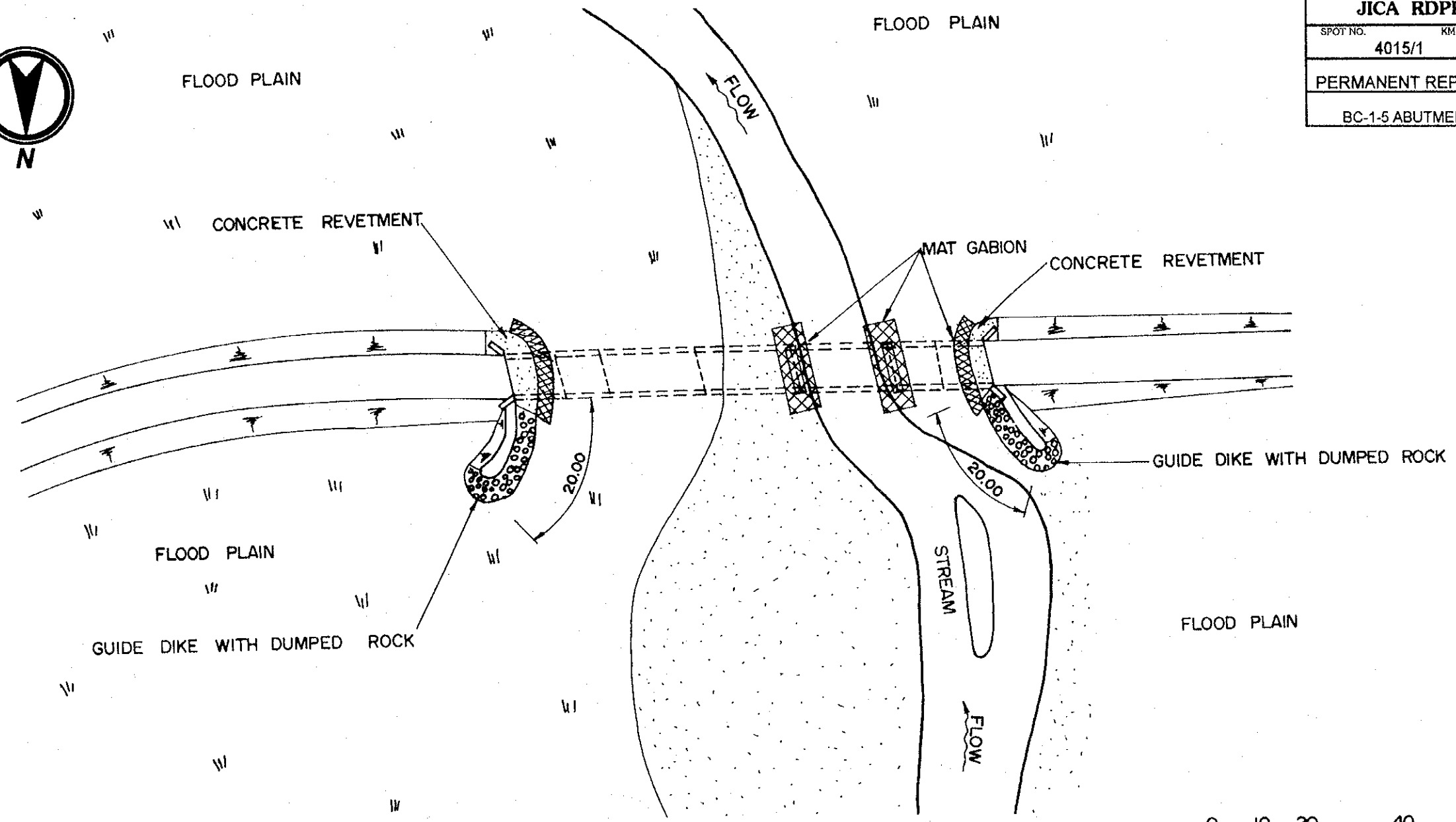
SPOT NO.	CONTROL NO.	CHAINAGE NO.	DAMAGE TYPE
4015/1	0201	20.125	BC-1-5
4015/2	0201	21.337	RC-3-2
4015/C1	0201	22.957	BC-1-5
4015/3	0201	26.850	BC-3-1
4015/4	0201	26.965	BC-1-6
4015/5	0201	29.390	BC-1-7
4015/C2	0201	35.957	BC-1-5

Note for SPOT NO.

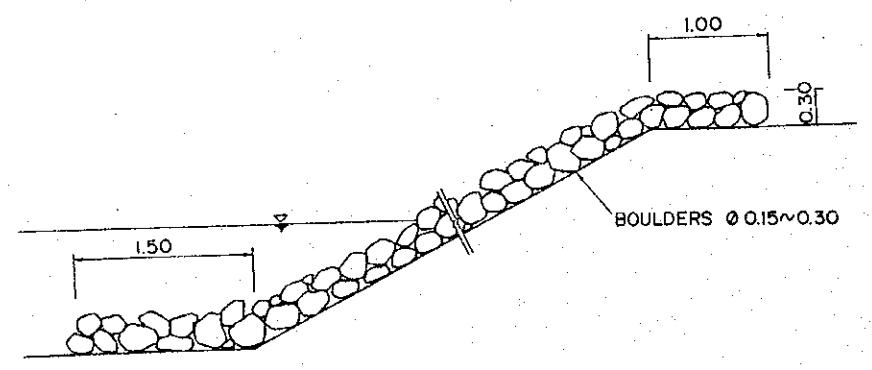
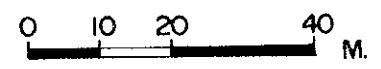
- Route No./1,2 : Spot for Preliminary Design and Cost Estimate.
- Route No./C1,C2... : Spot for Cost Estimate

2. Drawings

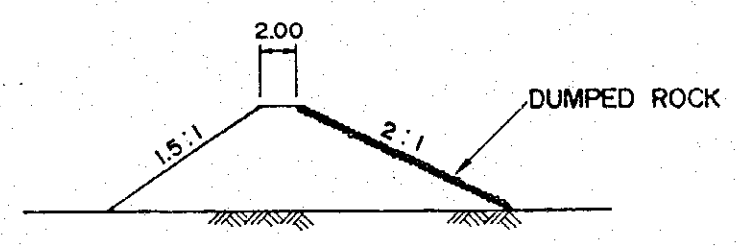
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/1	20.125	1 OF 12
PERMANENT REPAIR WORK (1/2)		
BC-1-5 ABUTMENT SCOURING		



PLAN SCALE 1:1,000

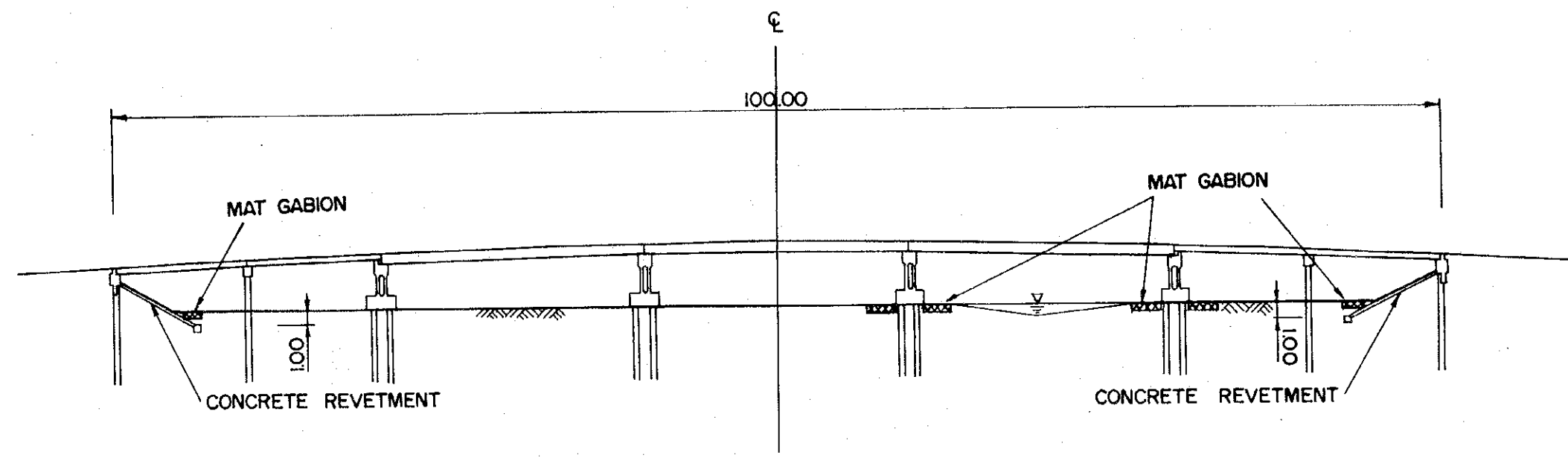


DETAIL OF DUMPED ROCK SECTION SCALE 1:60

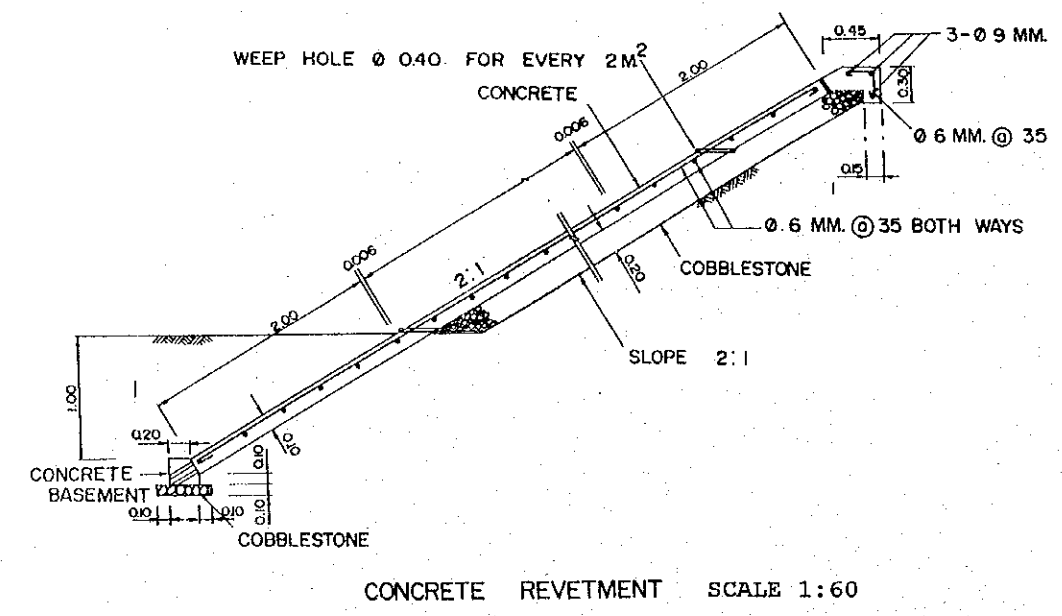


GUIDE DIKE SCALE 1:400

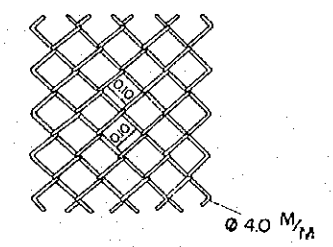
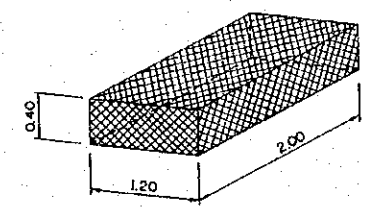
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/1	20.125	2 OF 12
PERMANENT REPAIR WORK (2/2)		
BC-1-5 ABUTMENT SCOURING		



PROFILE SCALE 1:400



CONCRETE REVETMENT SCALE 1:60

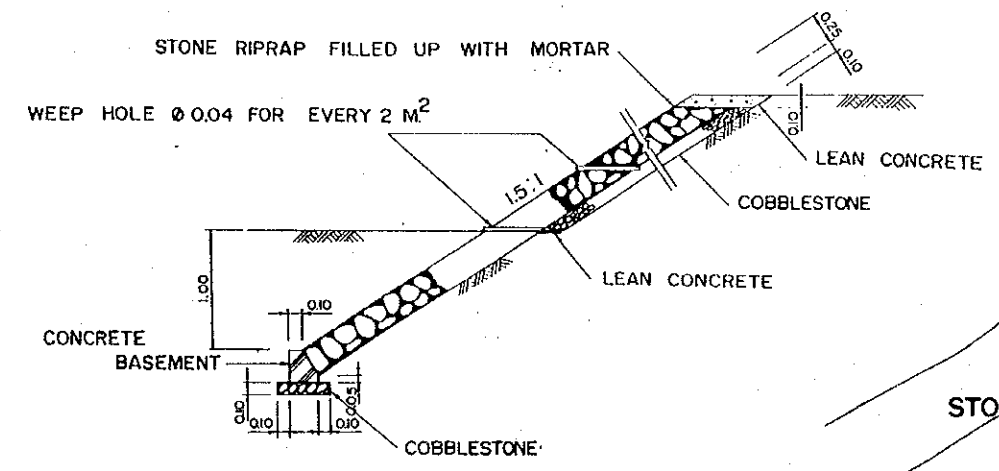


MAT GABION

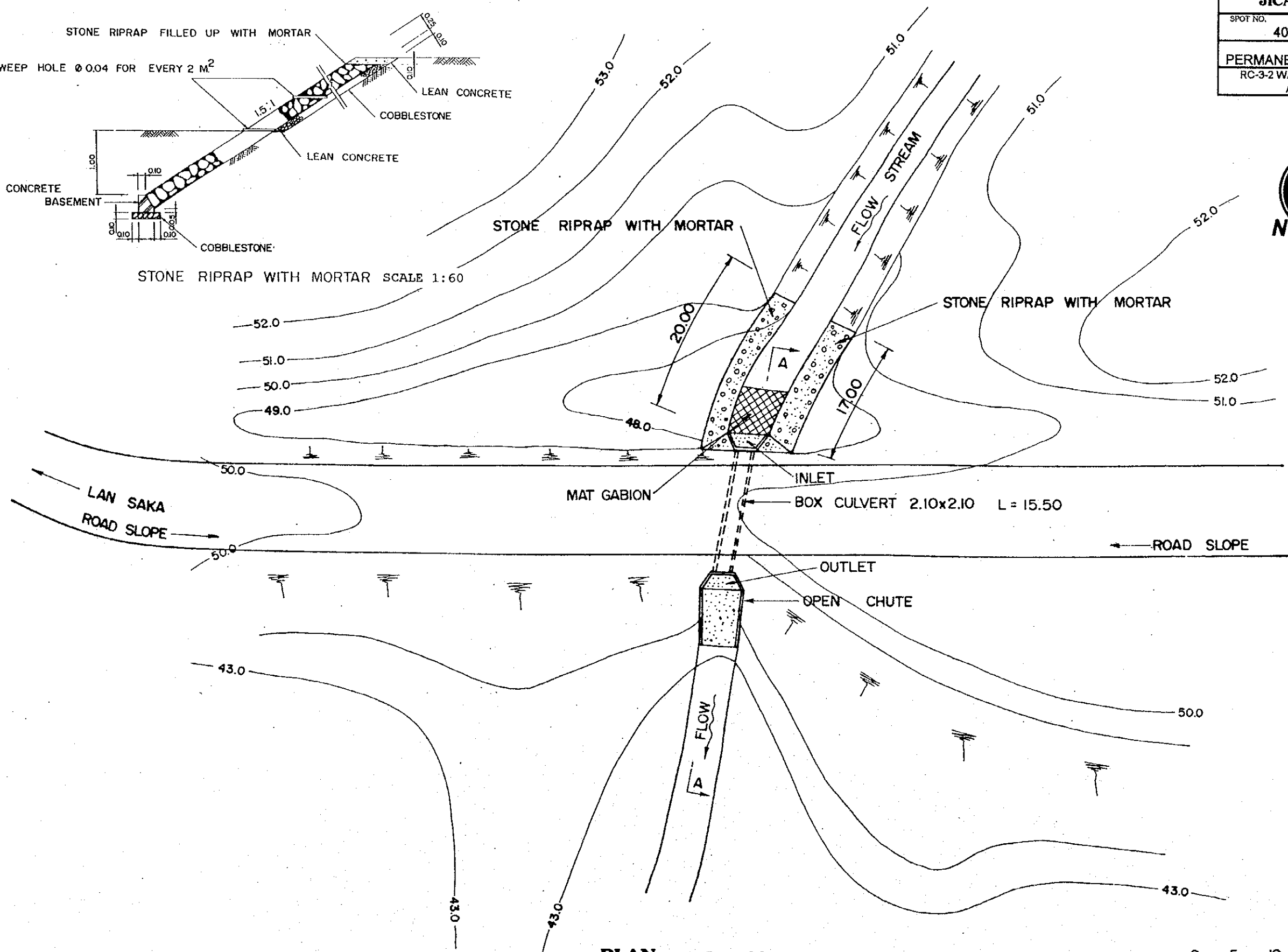
JICA RDPP STUDY

SPOT NO. 4015/2 KM. 21.337 SHEET NO. 3 OF 12

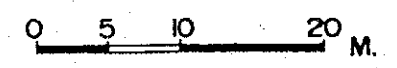
PERMANENT REPAIR WORK (1/2)
RC-3-2 WASHING OUT OF SHOULDER AND EMBANKMENT



STONE RIPRAP WITH MORTAR SCALE 1:60



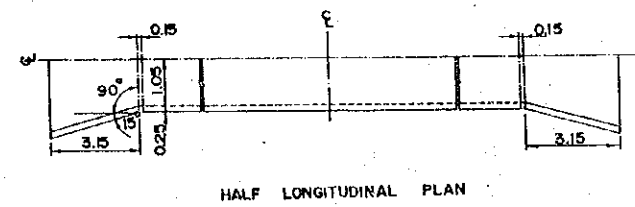
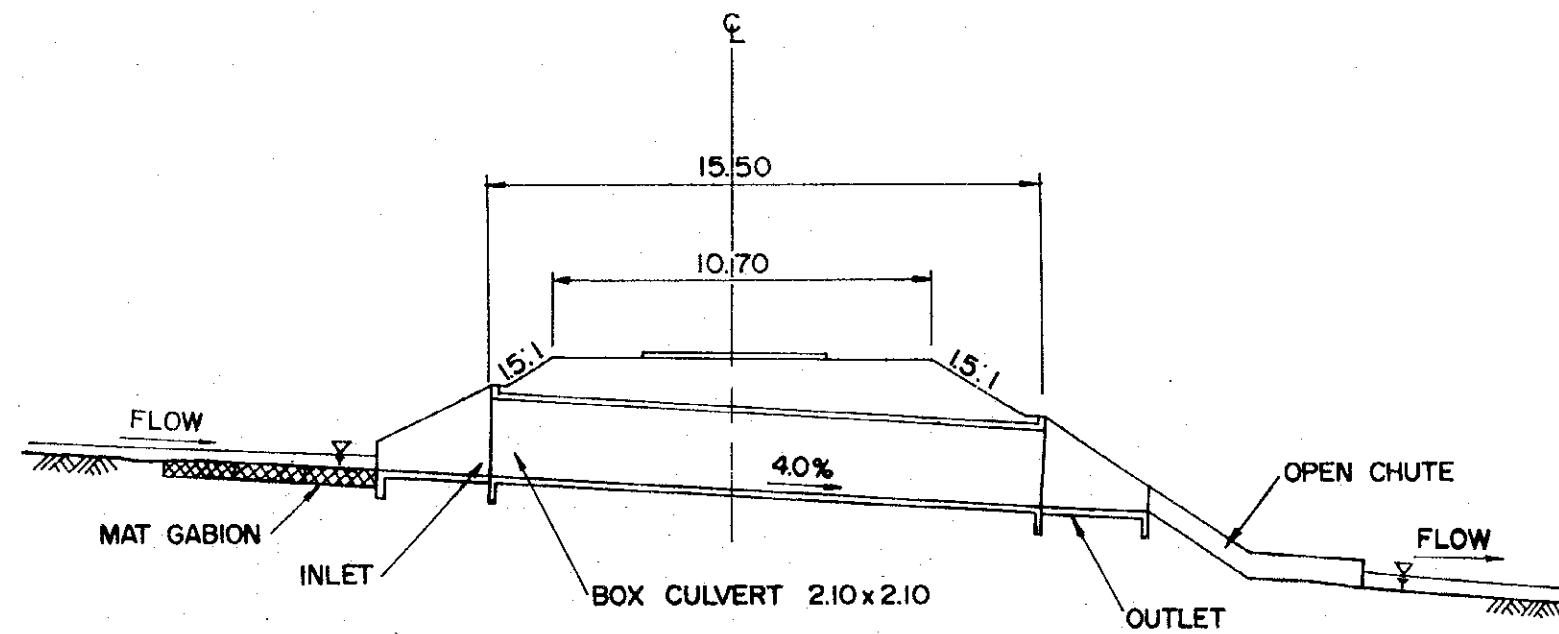
PLAN SCALE 1:500



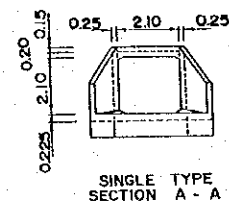
JICA RDPP STUDY

SPOT NO.	KM.	SHEET NO.
4015/2	21.337	4 OF 12

PERMANENT REPAIR WORK (2/2)
 RC-3-2 WASHING OUT OF SHOULDER
 AND EMBANKMENT

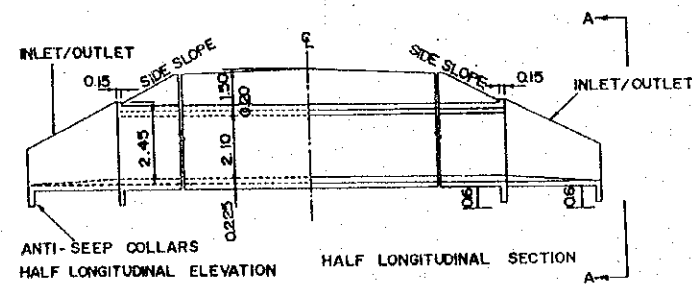


HALF LONGITUDINAL PLAN



SINGLE TYPE SECTION A - A

PROFILE SCALE 1:200

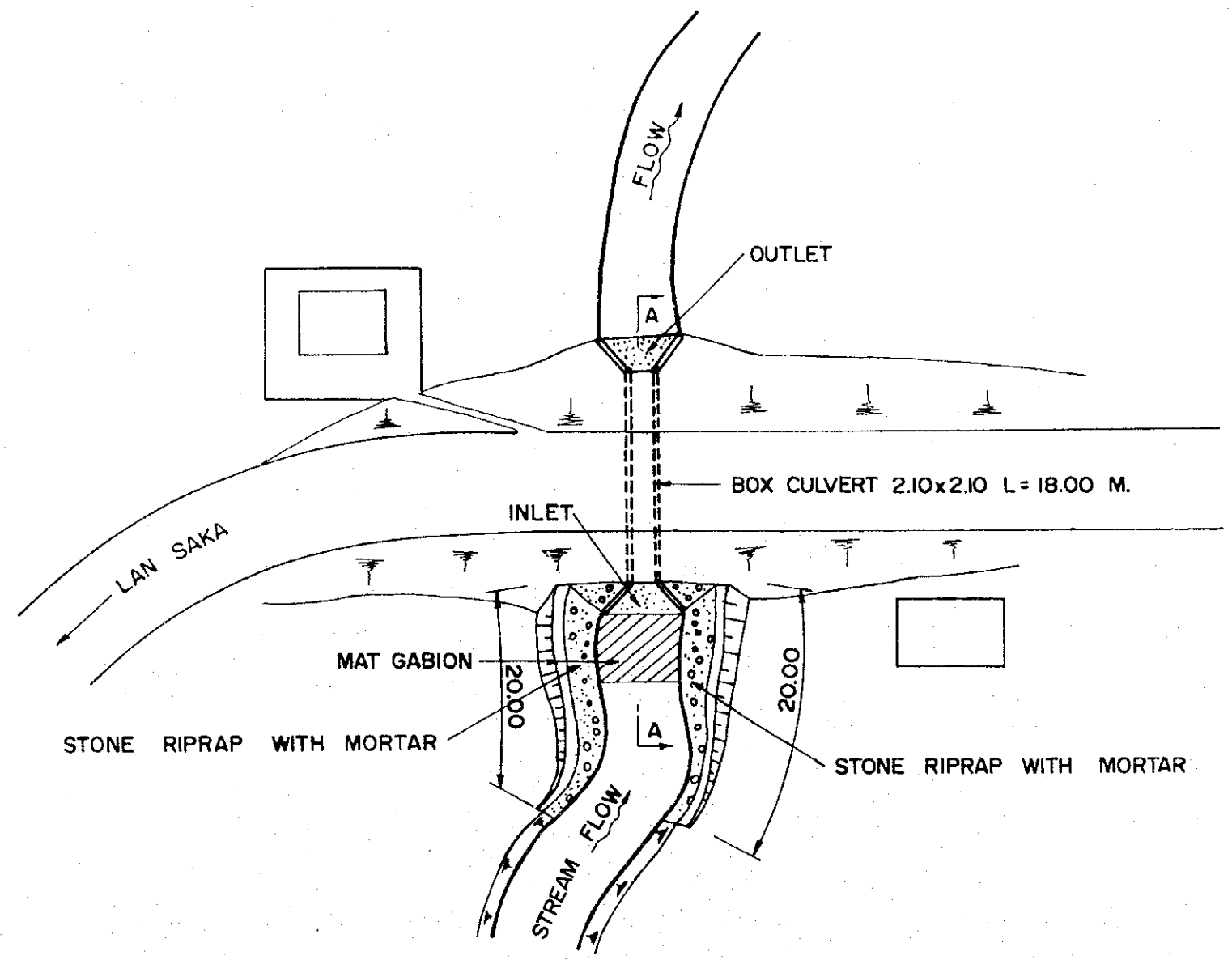


ANTI-SEEP COLLARS
 HALF LONGITUDINAL ELEVATION

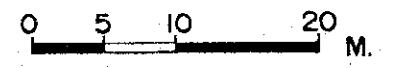
HALF LONGITUDINAL SECTION

BOX CULVERT SCALE 1:250

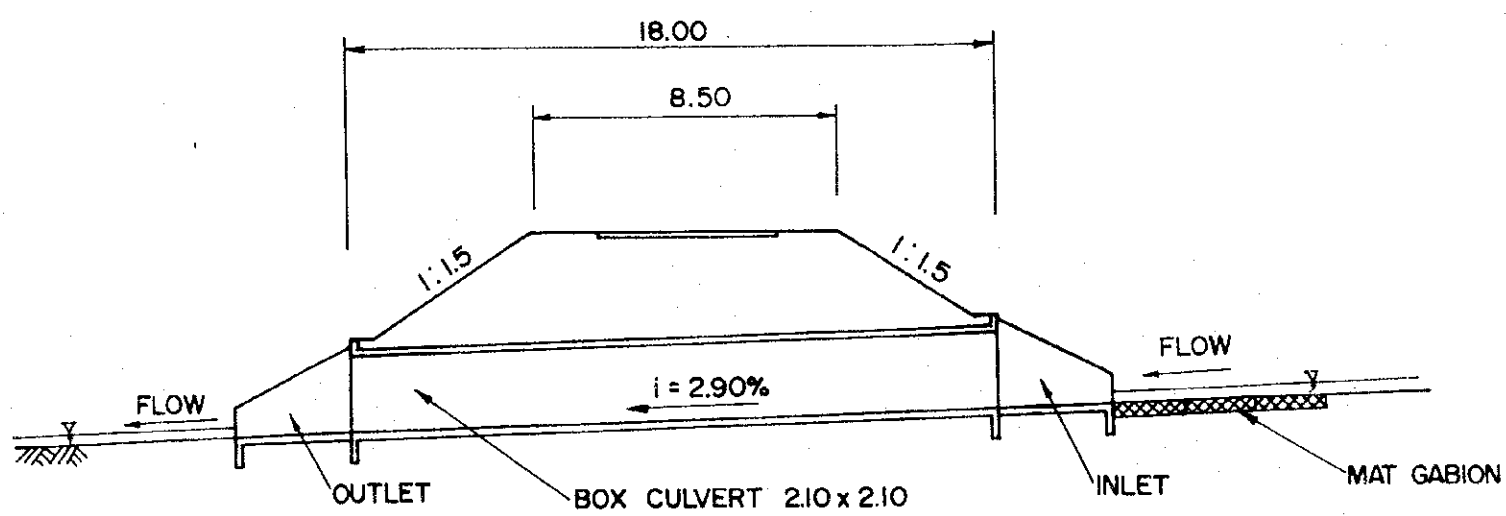
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/3	26.850	5 OF 12
PERMANENT REPAIR WORK (1/2)		
RC-3-1 SCOURING OF EMBANKMENT		



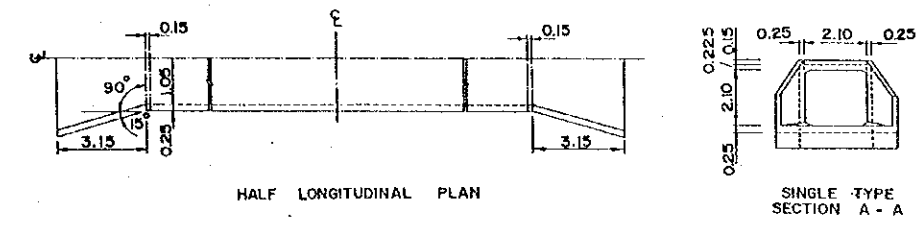
PLAN SCALE 1:500



JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/3	26.850	6 OF 12
PERMANENT REPAIR WORK (2/2)		
RC-3-1 SCOURING OF EMBANKMENT		

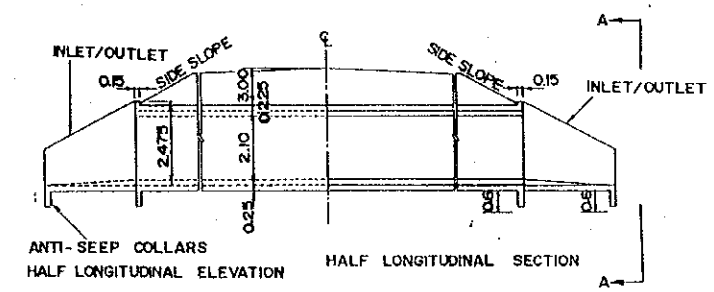


CROSS SECTION SCALE 1:200



HALF LONGITUDINAL PLAN

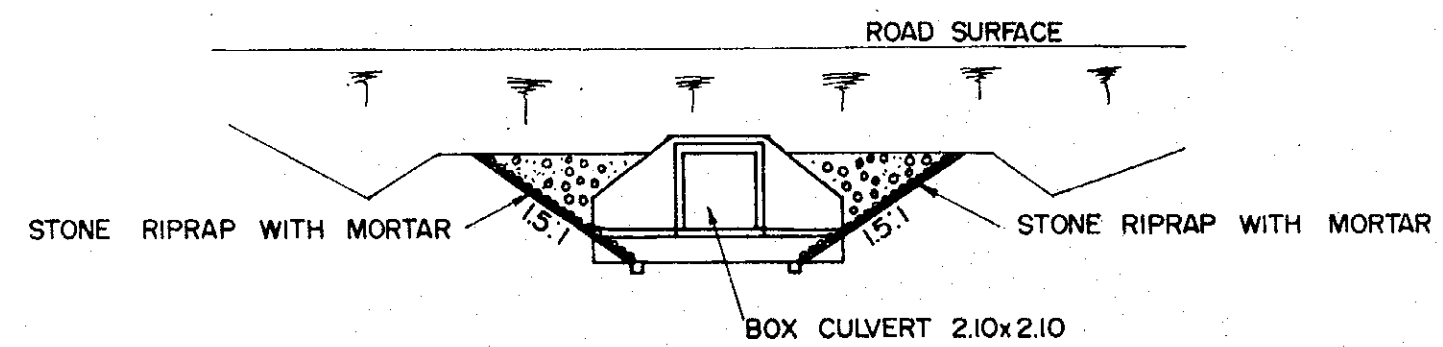
SINGLE TYPE SECTION A - A



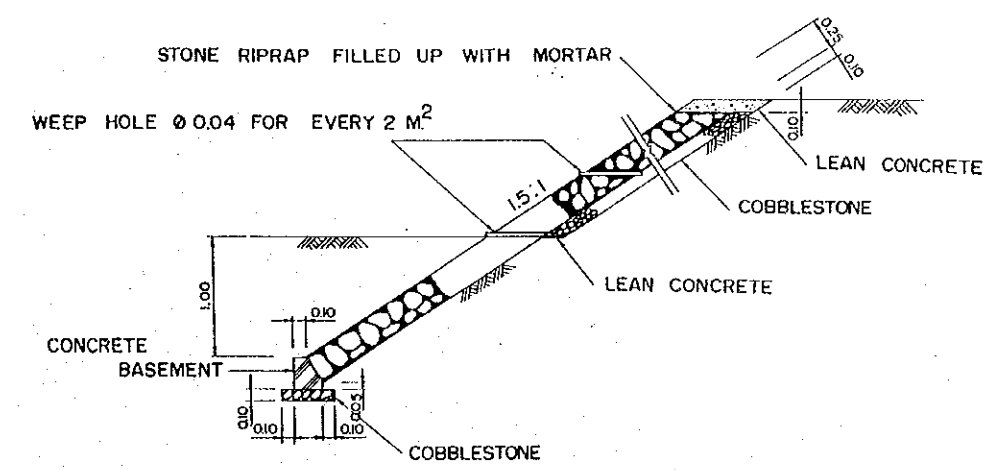
ANTI-SEEP COLLARS HALF LONGITUDINAL ELEVATION

HALF LONGITUDINAL SECTION

BOX CULVERT SCALE 1:250

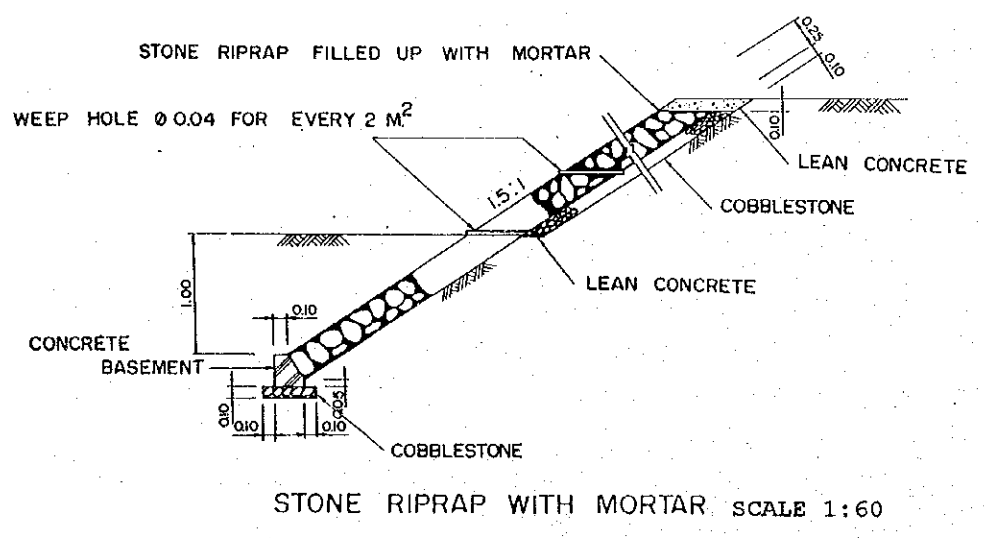
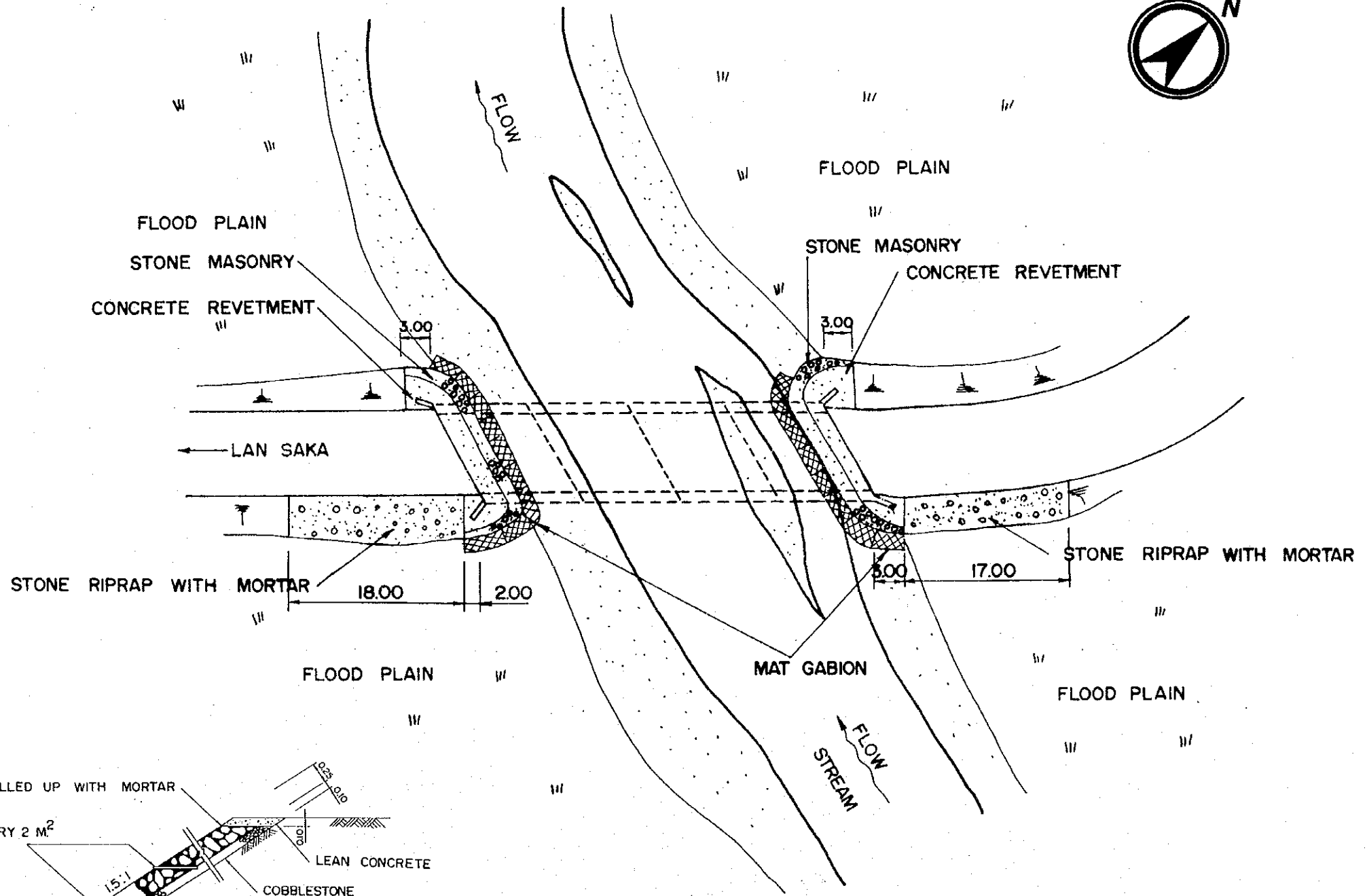


ELEVATION SCALE 1:200

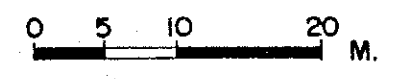


STONE RIPRAP WITH MORTAR SCALE 1:60

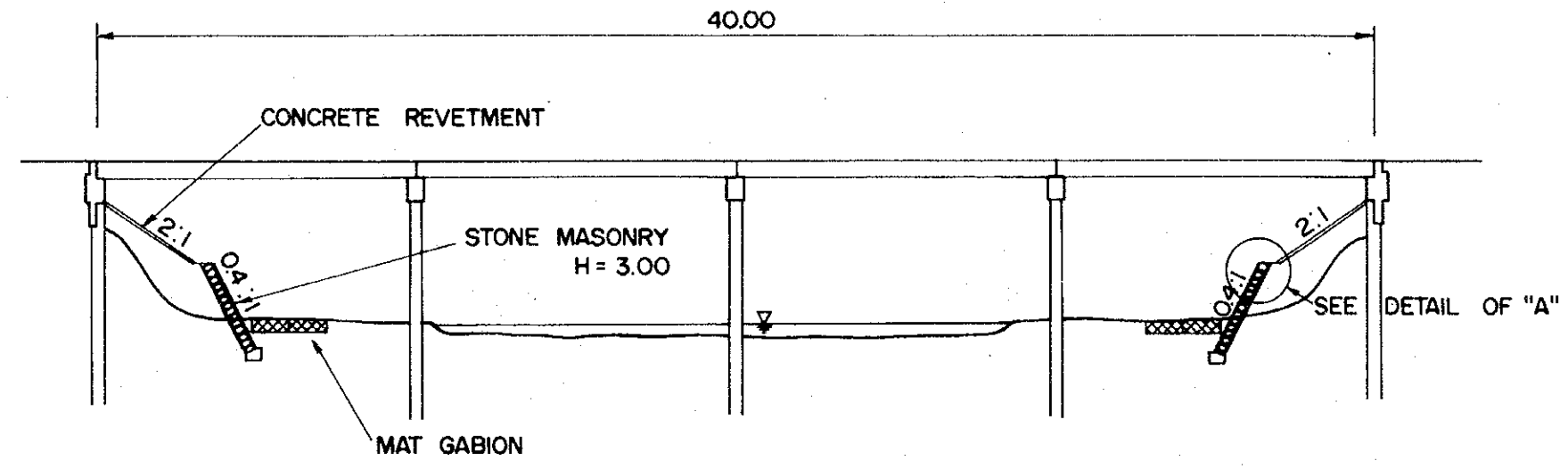
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/4	26.965	7 OF 12
PERMANENT REPAIR WORK (1/2)		
BC-1-6 COLLAPSING OF ABUTMENT PROTECTION		



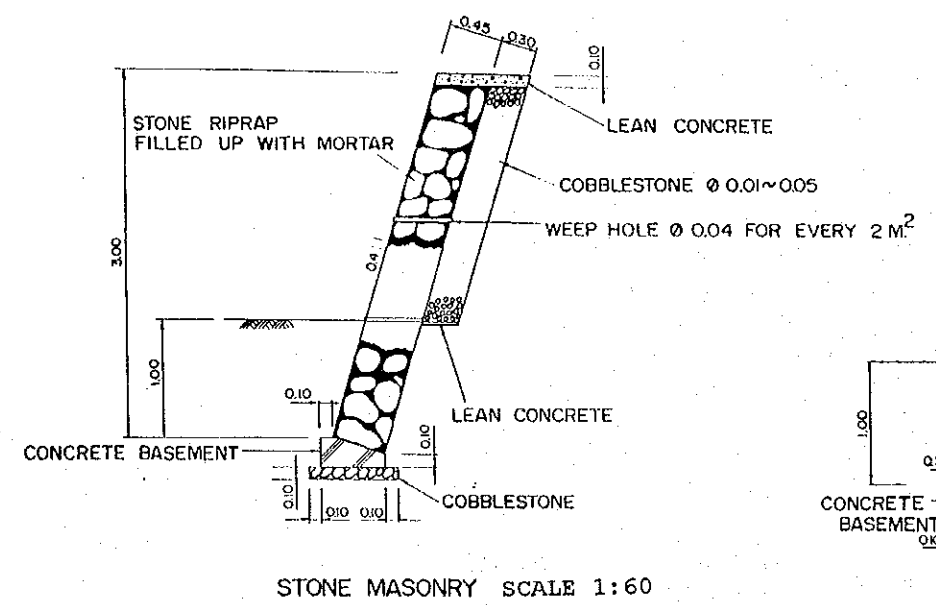
PLAN SCALE 1:500



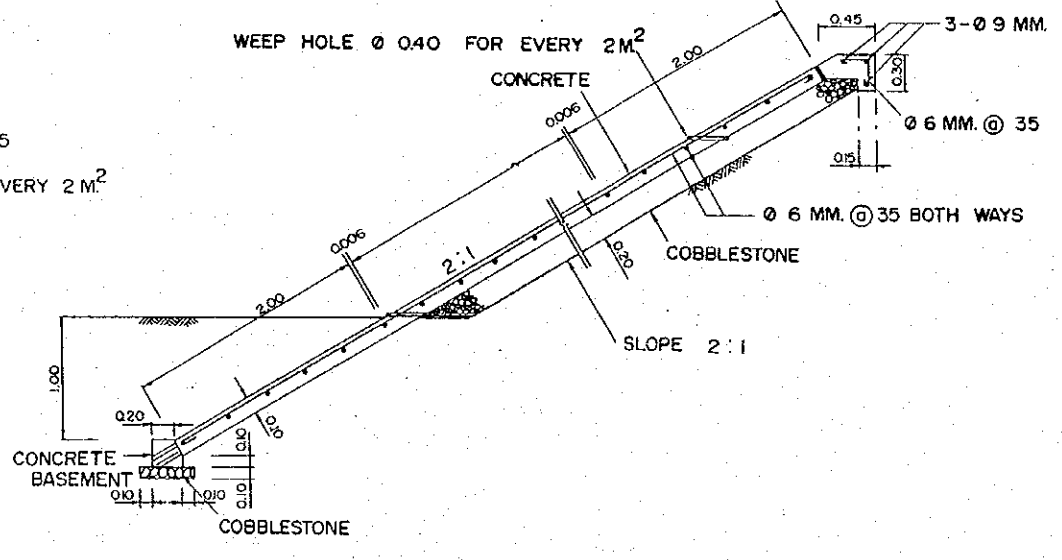
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/4	26.965	8 OF 12
PERMANENT REPAIR WORK (2/2)		
BC-1-6 COLLAPSING OF ABUTMENT PROTECTION		



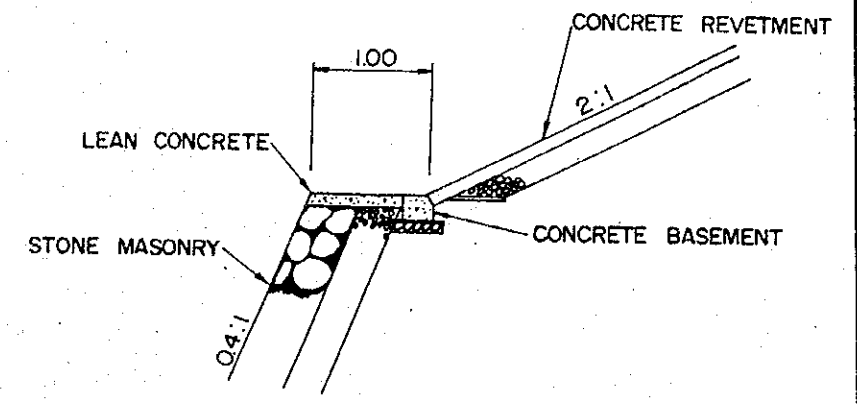
PROFILE SCALE 1:200



STONE MASONRY SCALE 1:60

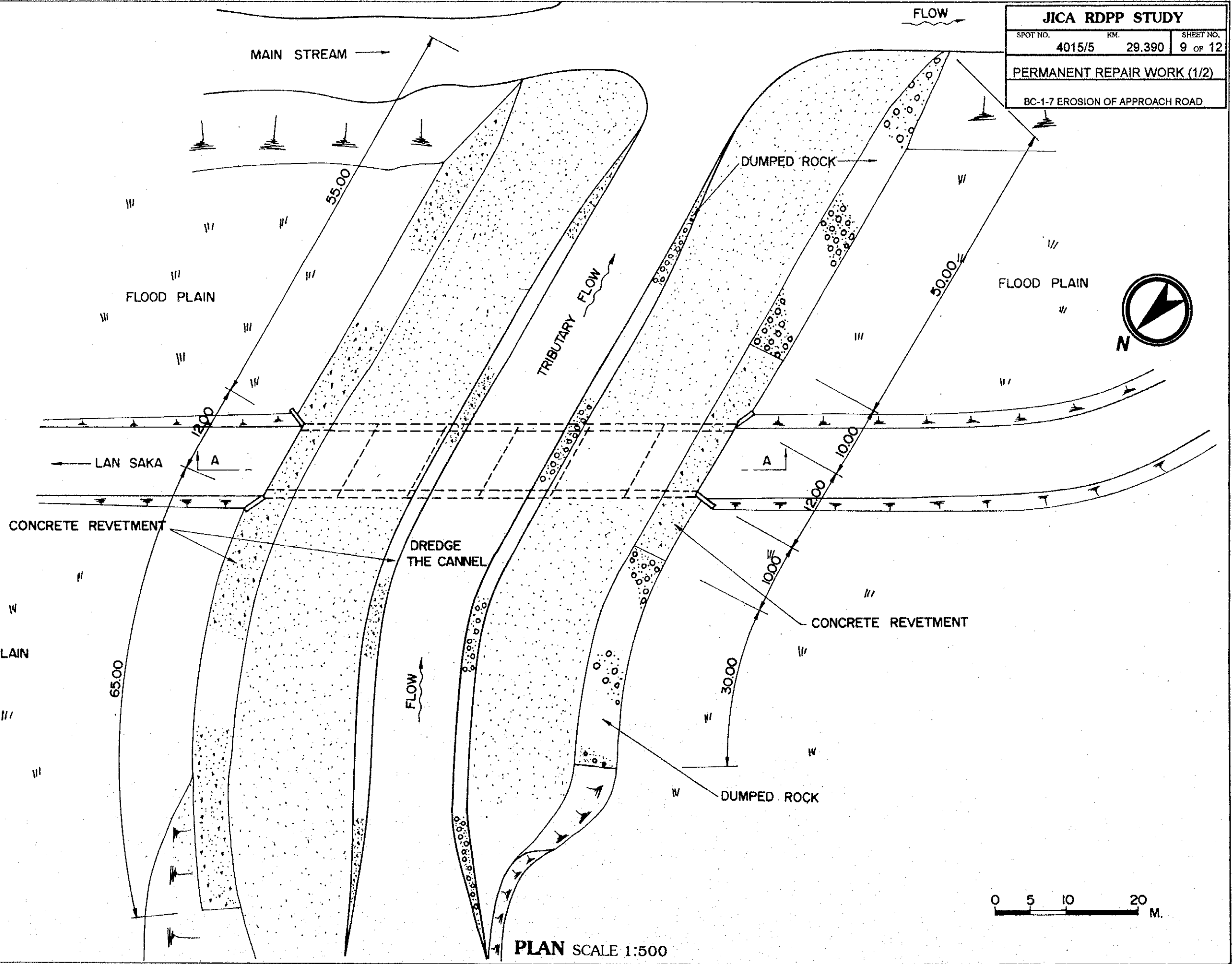


CONCRETE REVETMENT SCALE 1:60



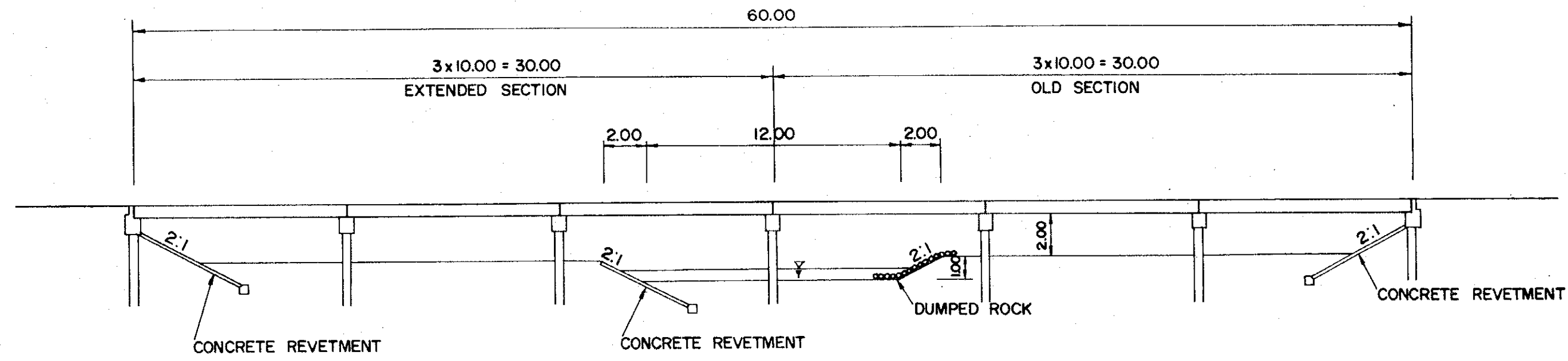
DETAIL "A" SCALE 1:60

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/5	29.390	9 OF 12
PERMANENT REPAIR WORK (1/2)		
BC-1-7 EROSION OF APPROACH ROAD		

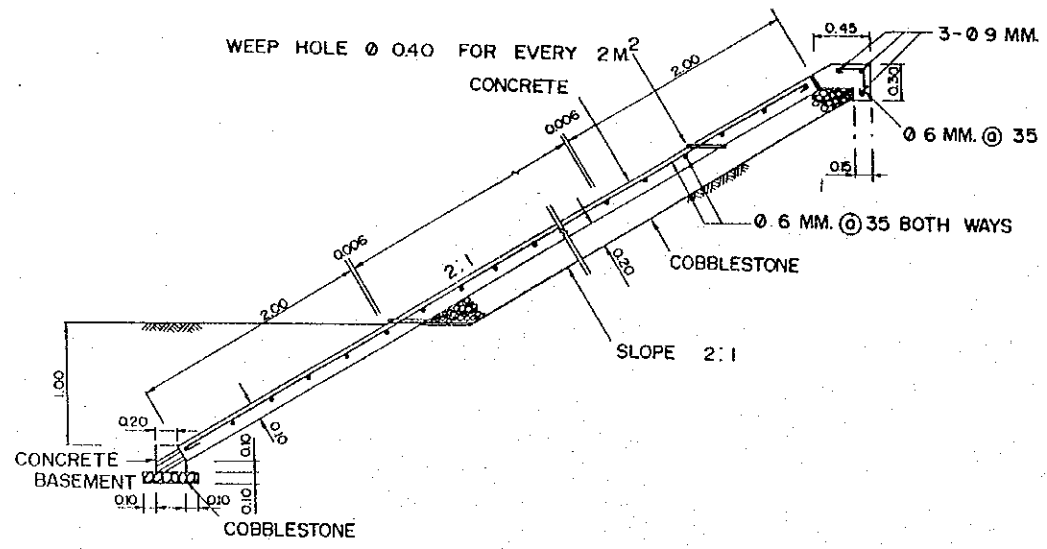


PLAN SCALE 1:500

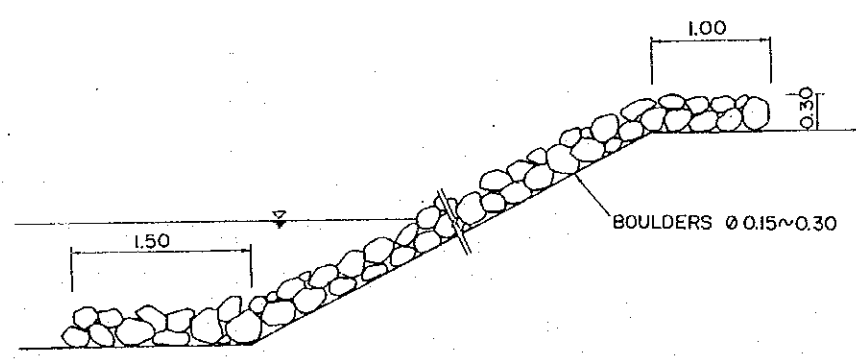
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/5	29.390	10 OF 12
PERMANENT REPAIR WORK (2/2)		
BC-1-7 EROSION OF APPROACH ROAD		



PROFILE SCALE 1:200



CONCRETE REVETMENT SCALE 1:60



DETAIL OF DUMPED ROCK SECTION SCALE 1:60

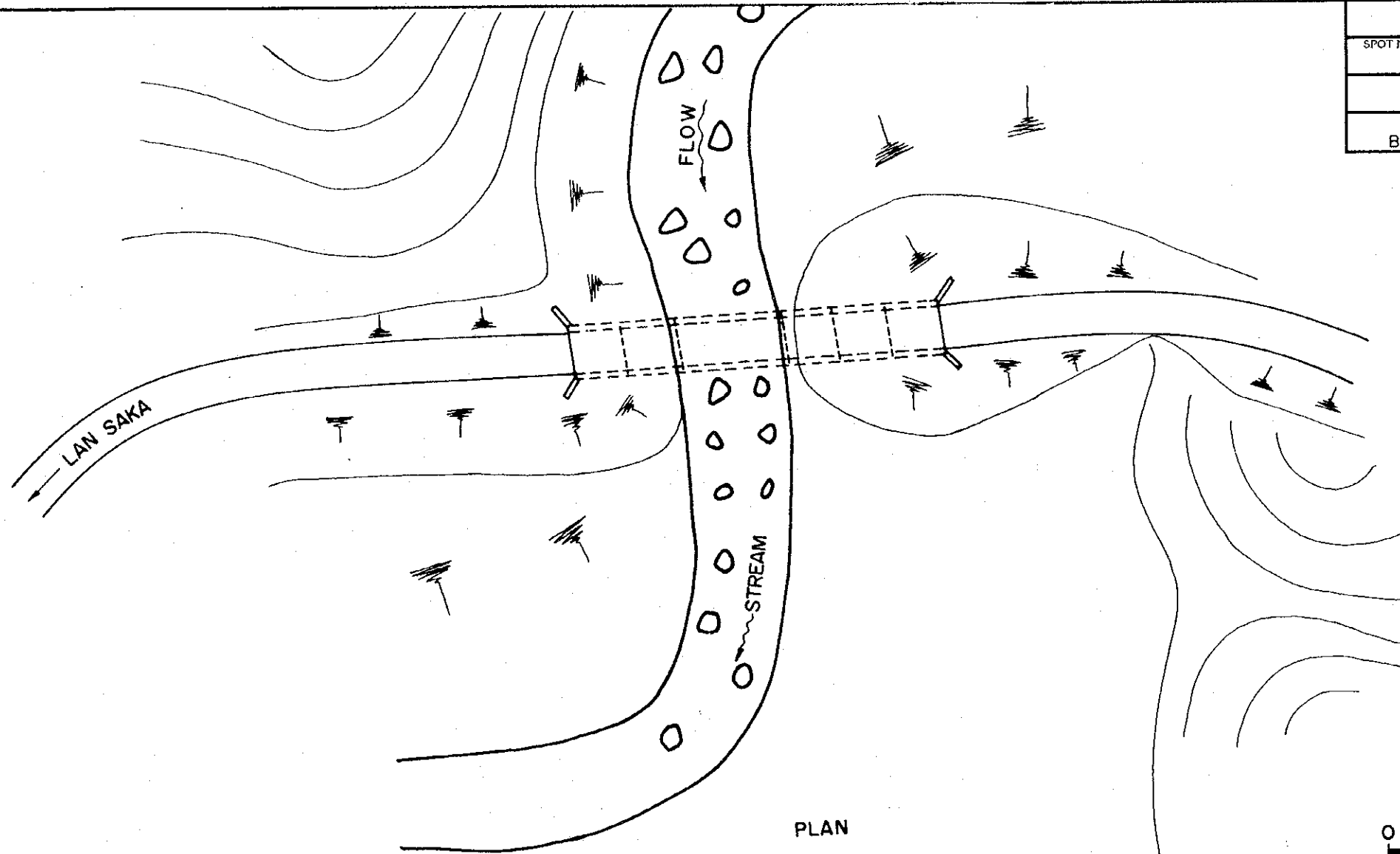
3. Existing Condition

JICA RDPP STUDY

SPOT NO. 4015/C1 KM. 22.957 SHEET NO. 11 OF 12

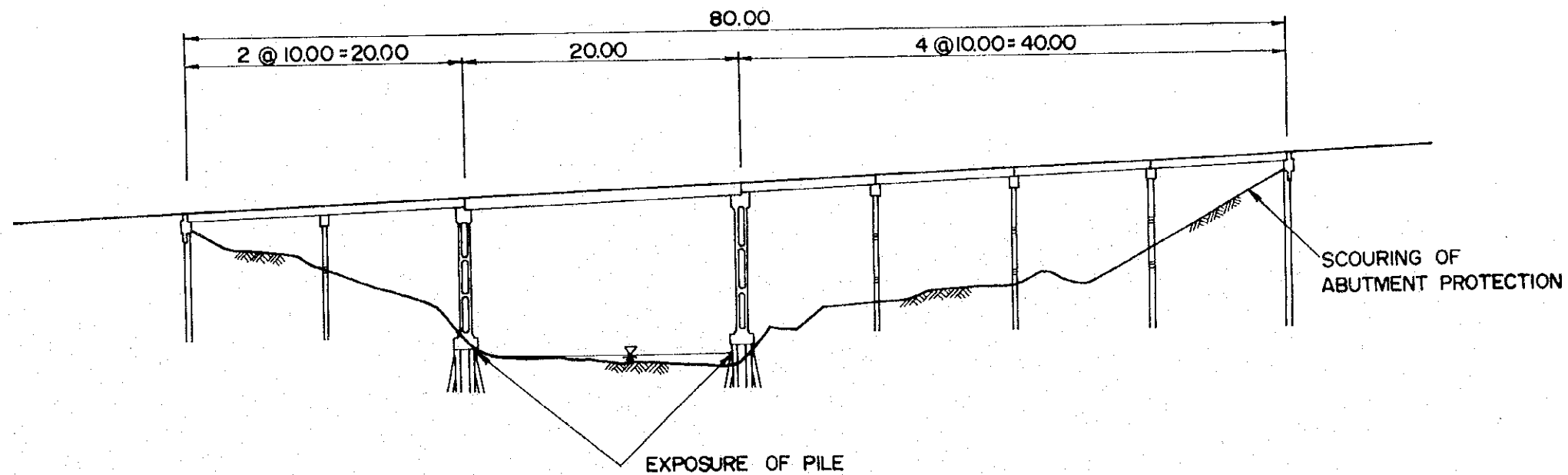
EXISTING CONDITION

BC-1-5 ABUTMENT SCOURING



PLAN

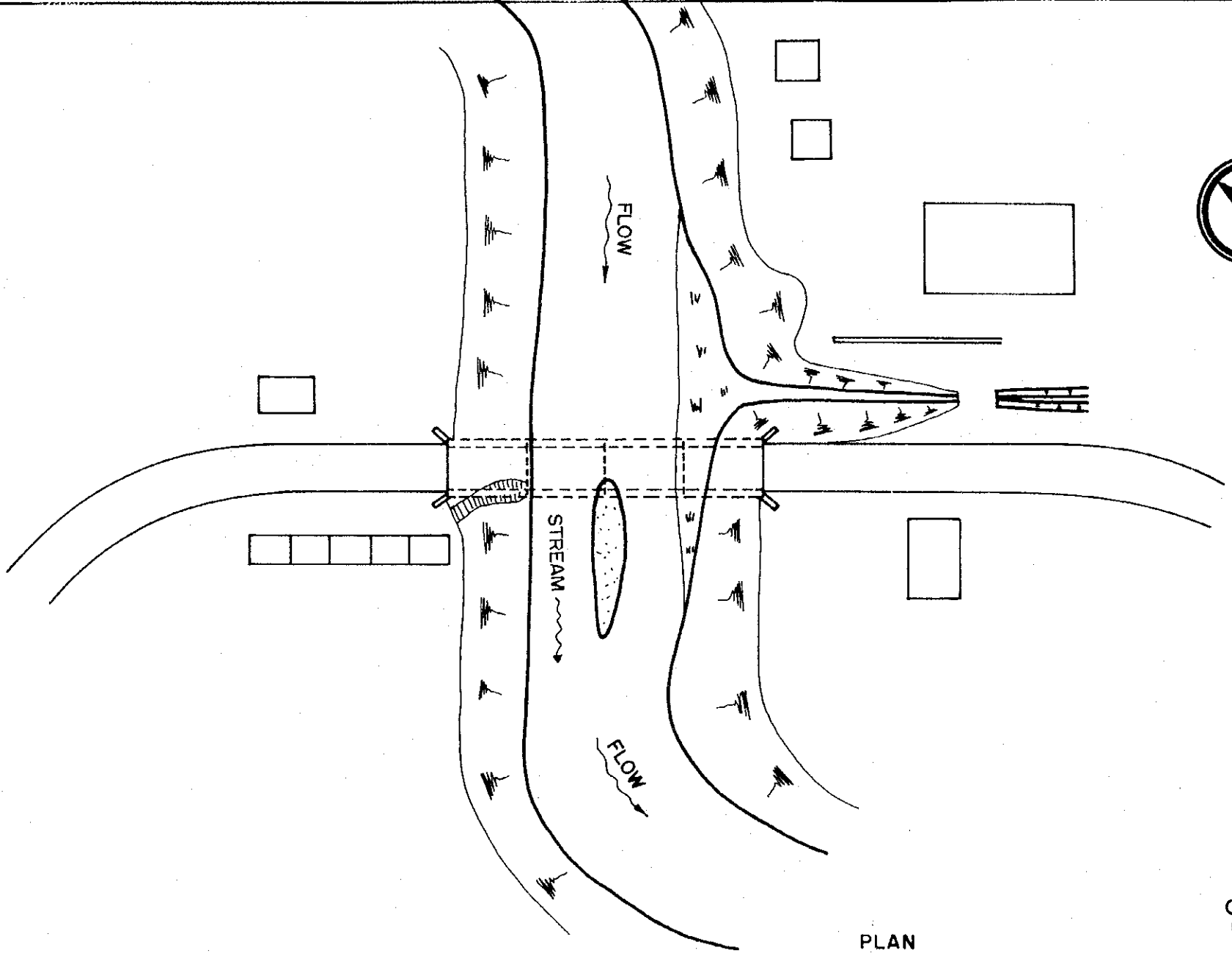
0 10 20 40 M.



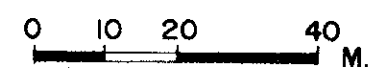
PROFILE

0 5 10 20 M.

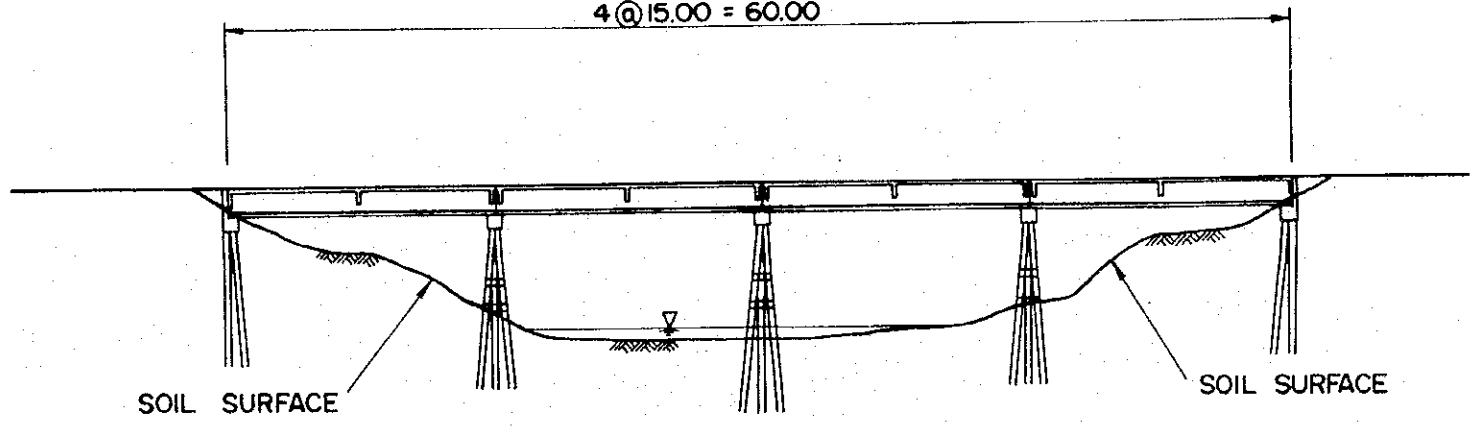
JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4015/C2	35.957	12 OF 12
EXISTING CONDITION		
BC-1-5 ABUTMENT SCOURING		



PLAN



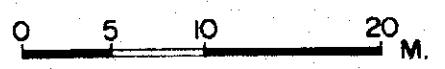
4 @ 15.00 = 60.00



SOIL SURFACE

SOIL SURFACE

PROFILE



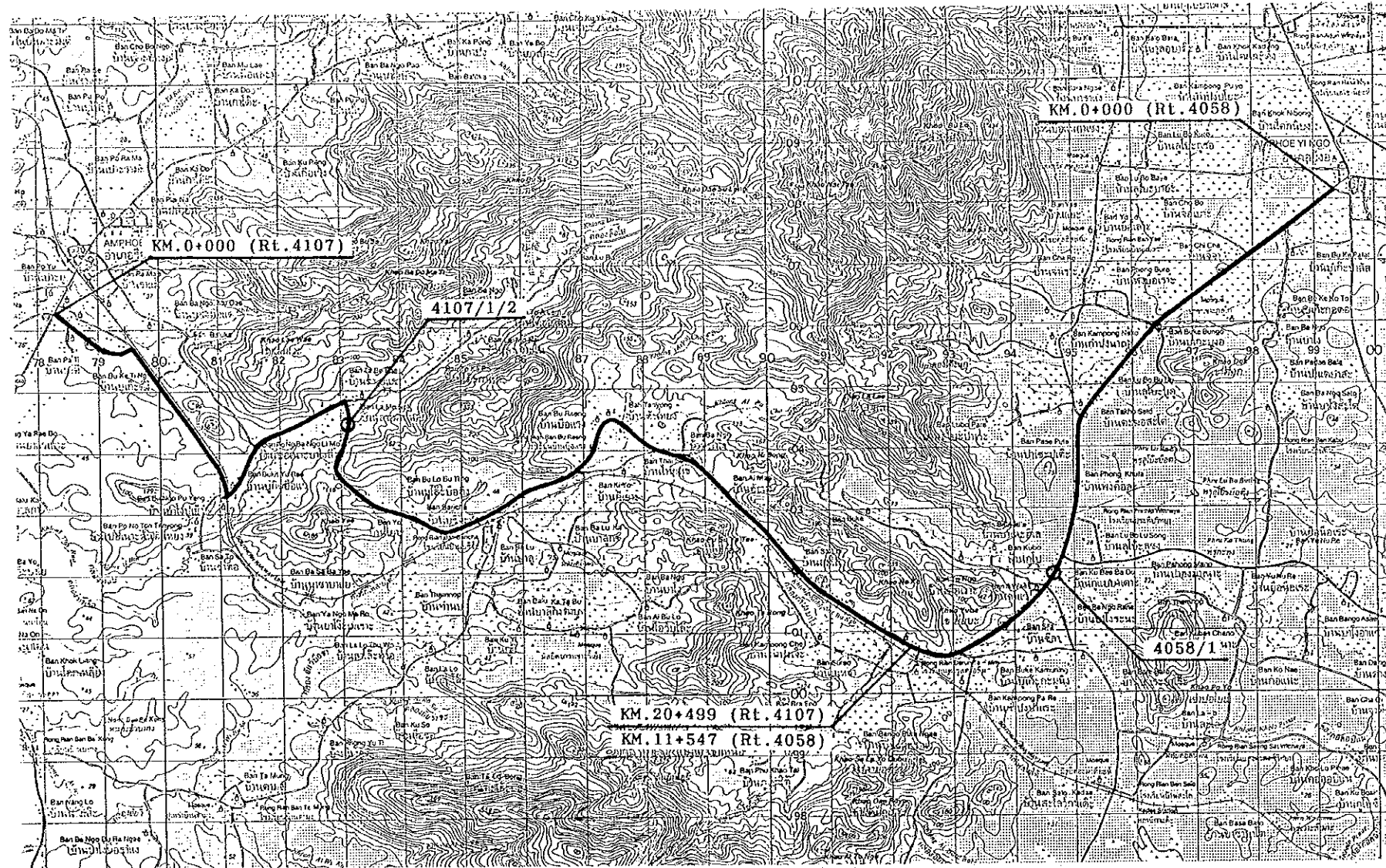
IX. Preliminary Design for Route 4107/4058

1. Location of Disaster Spots

LOCATION OF DISASTER SPOTS

ALIGNMENT OF ROUTE 4107/4058

DISASTER SPOTS



SPOT NO.	CONTROL NO.	CHAINAGE NO.	DAMAGE TYPE
4107/1/2	0200	7.594	BC-1-5/6
4058/1	0100	8.624	BC-1-8

Note for SPOT NO.

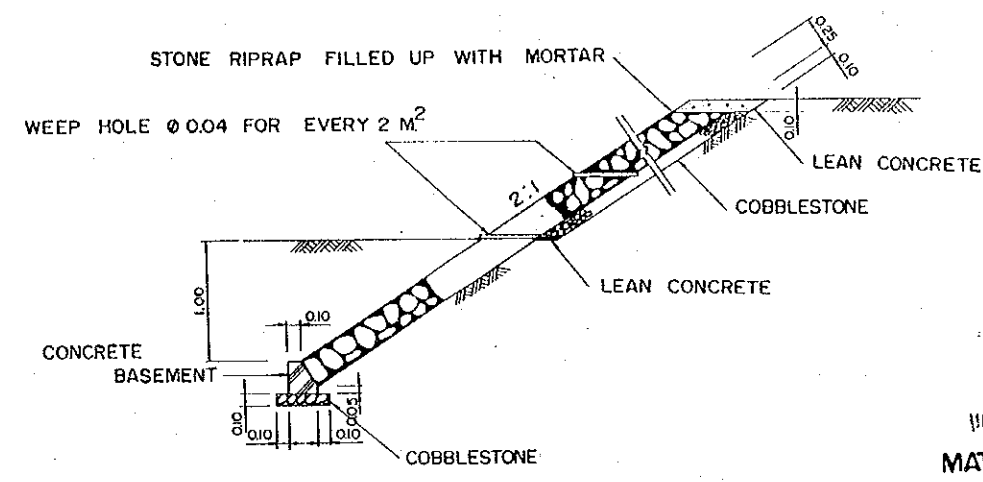
- Route No./1,2 : Spot for Preliminary Design and Cost Estimate.
- Route No./C1,C2... : Spot for Cost Estimate

2. Drawings

JICA RDPP STUDY

SPOT NO.	KM.	SHEET NO.
4107/1	7.594	1 OF 5

PERMANENT REPAIR WORK (1/2)
 BC-1-5/6 ABUTMENT SCOURING AND
 COLLAPSING OF ABUTMENT PROTECTION



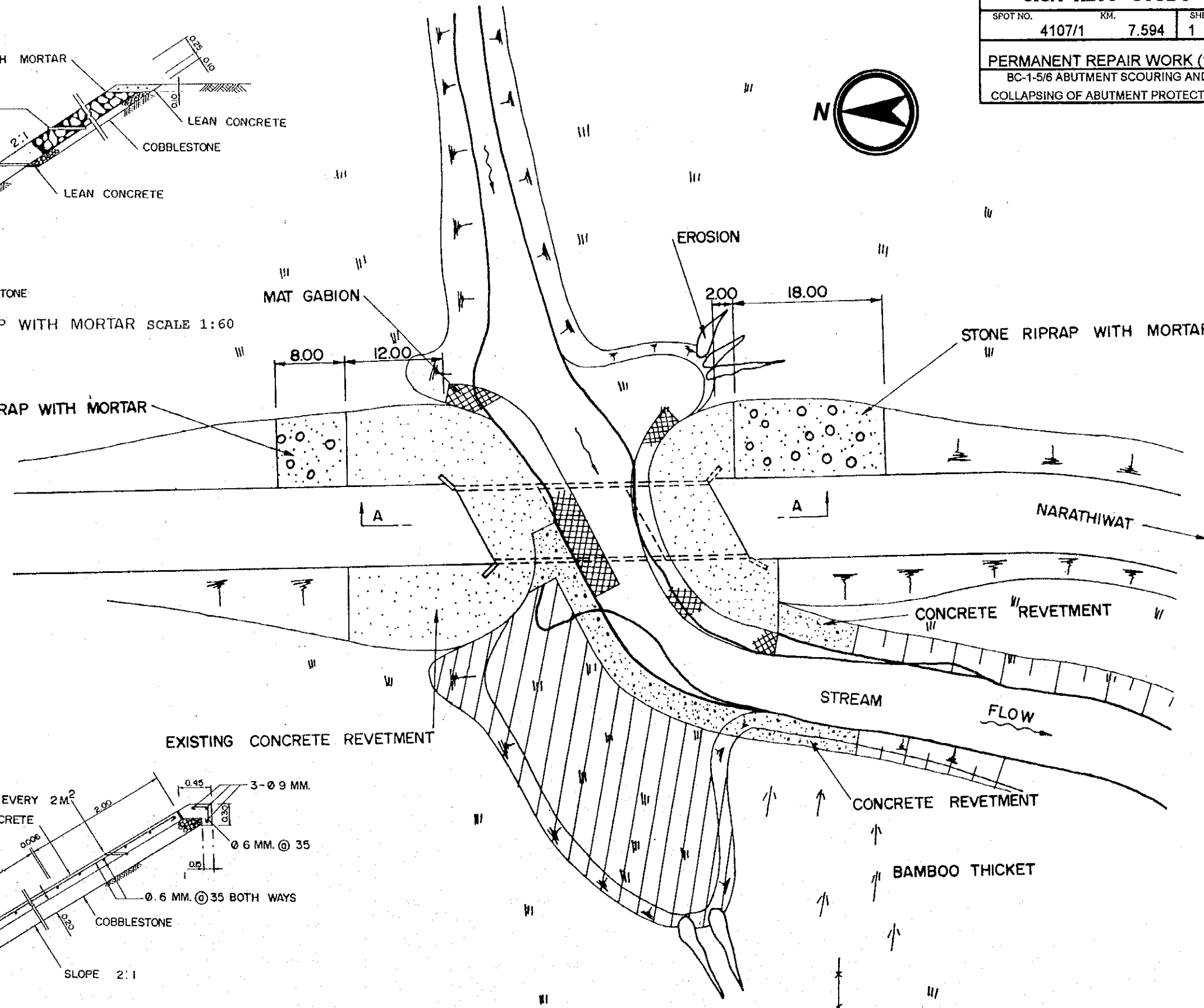
STONE RIPRAP WITH MORTAR SCALE 1:60

STONE RIPRAP WITH MORTAR

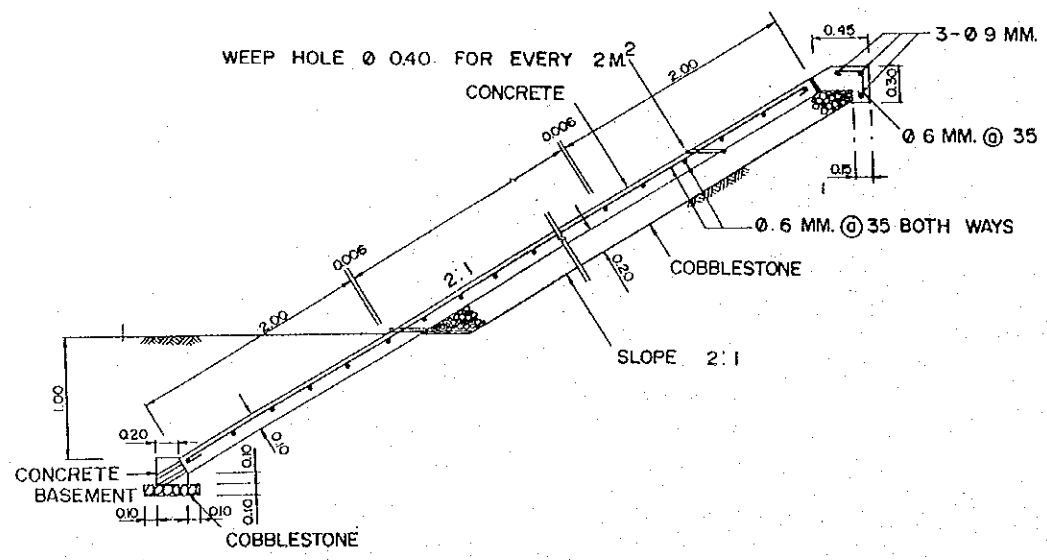
MAT GABION

EROSION

STONE RIPRAP WITH MORTAR



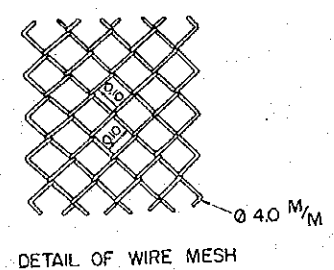
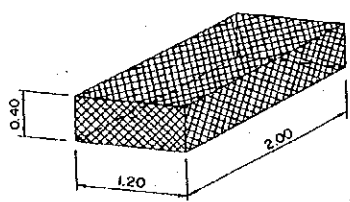
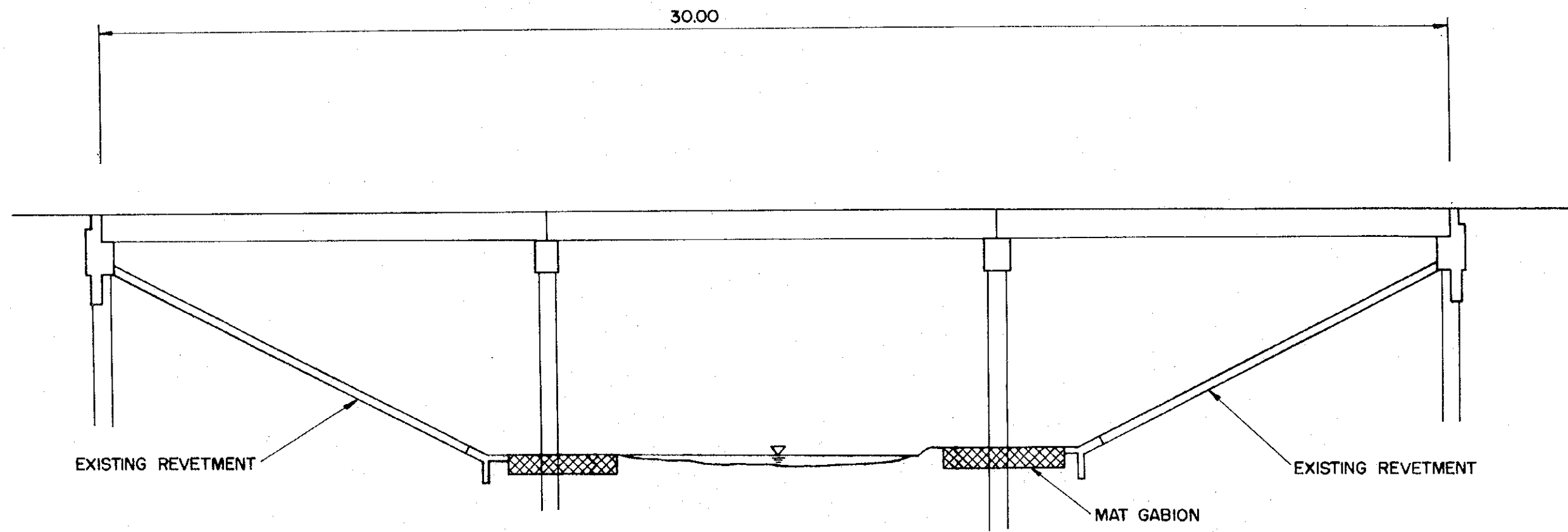
EXISTING CONCRETE REVETMENT



CONCRETE REVETMENT SCALE 1:60

PLAN SCALE 1:500

JICA RDPP STUDY		
SPOT NO.	KM.	SHEET NO.
4107/1	7.594	2 OF 5
PERMANENT REPAIR WORK (2/2)		
BC-1-5/8 ABUTMENT SCOURING AND COLLAPSING OF ABUTMENT PROTECTION		



PROFILE SCALE 1:100

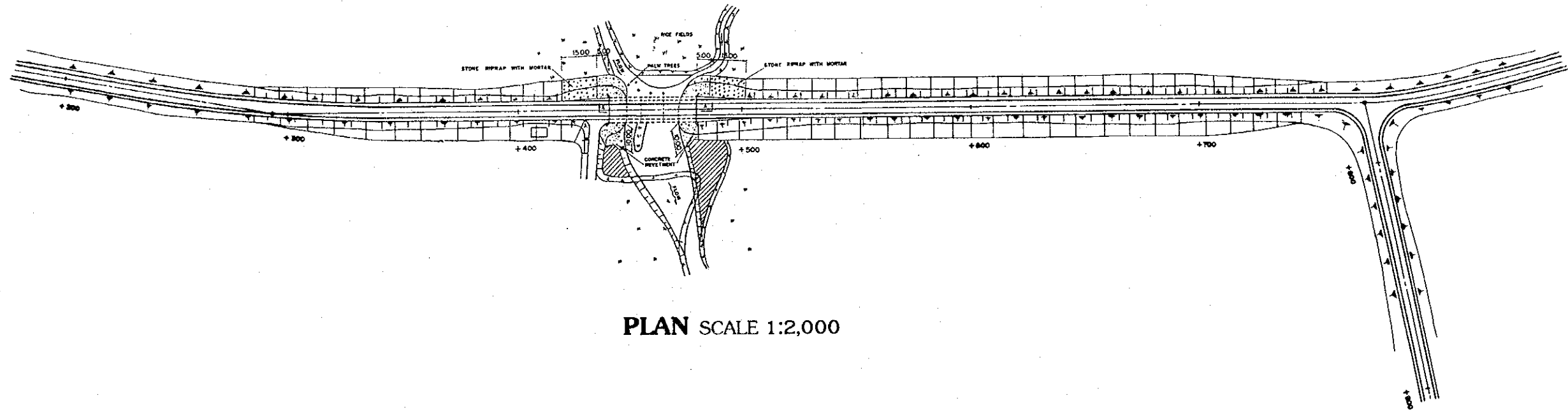
MAT GABION

JICA RDPP STUDY

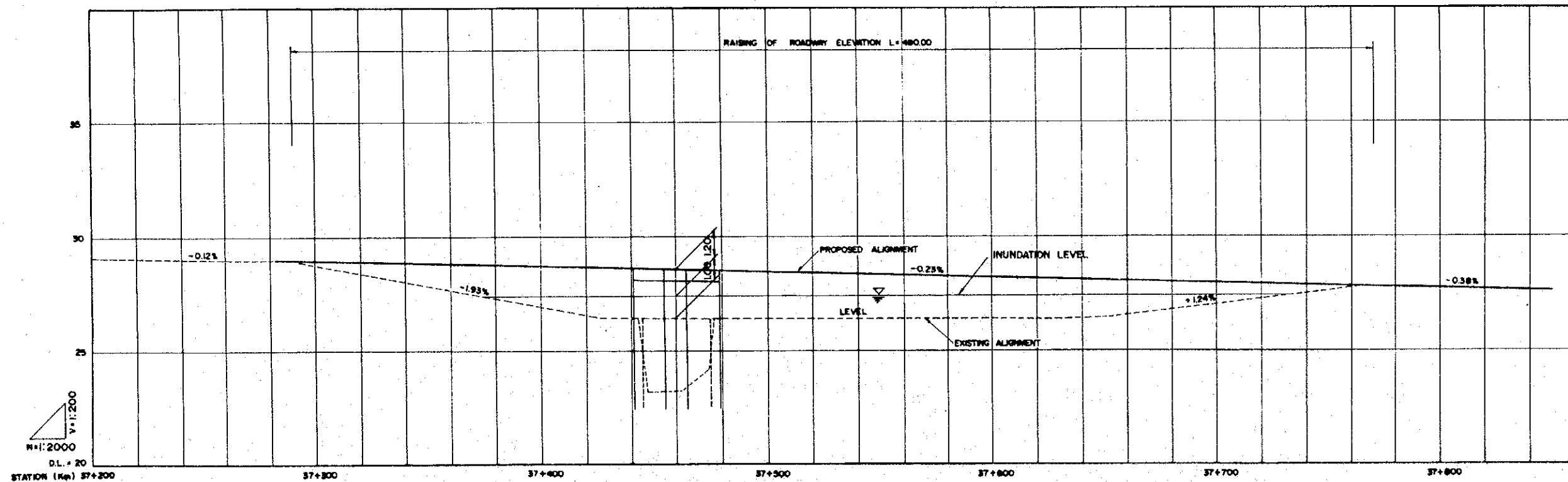
SPOT NO.	KM.	SHEET NO.
4058/1	8.624	3 OF 5

PERMANENT REPAIR WORK (1/3)

BC-1-8 OVERFLOW ON BRIDGE AND ROAD



PLAN SCALE 1:2,000



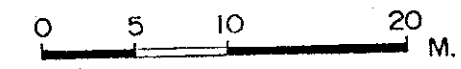
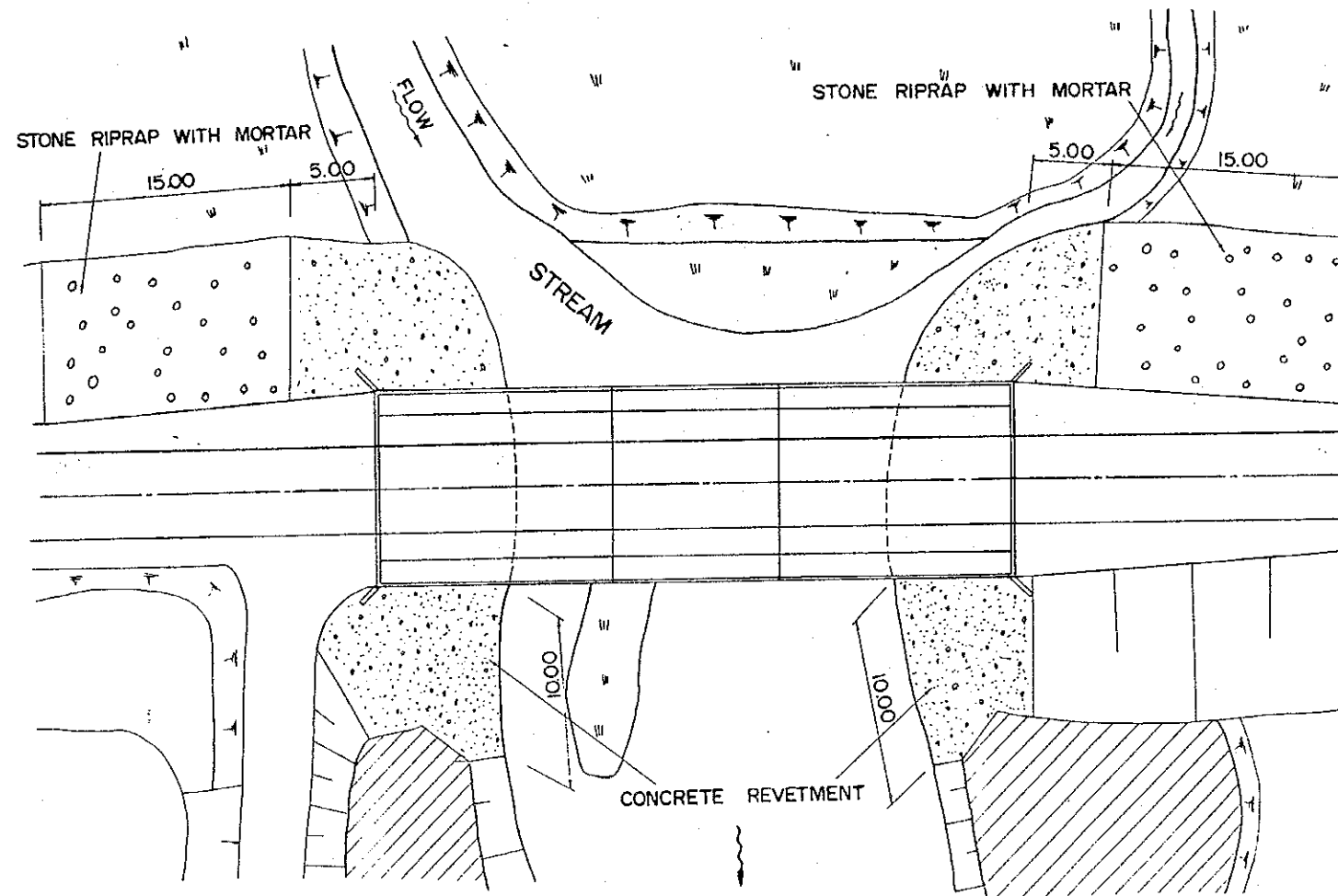
PROFILE

JICA RDPP STUDY

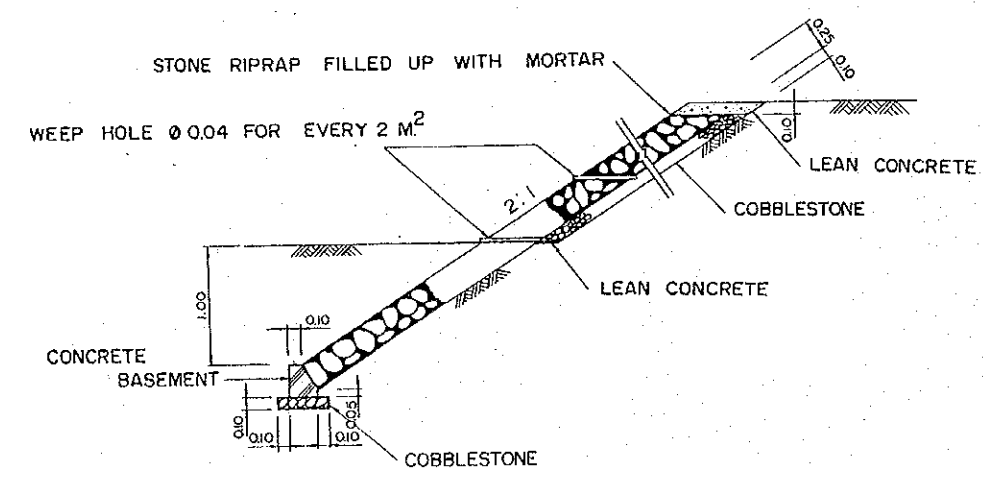
SPOT NO.	KM.	SHEET NO.
4058/1	8.624	4 OF 5

PERMANENT REPAIR WORK (2/3)

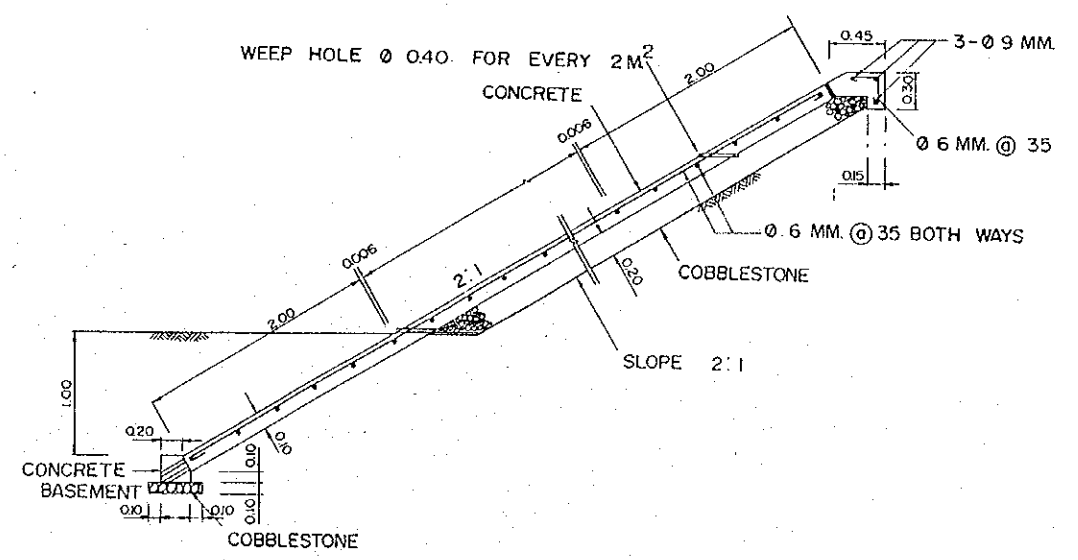
BC-1-8 OVERFLOW ON BRIDGE AND ROAD



PLAN SCALE 1:400



STONE RIPRAP WITH MORTAR SCALE 1:60



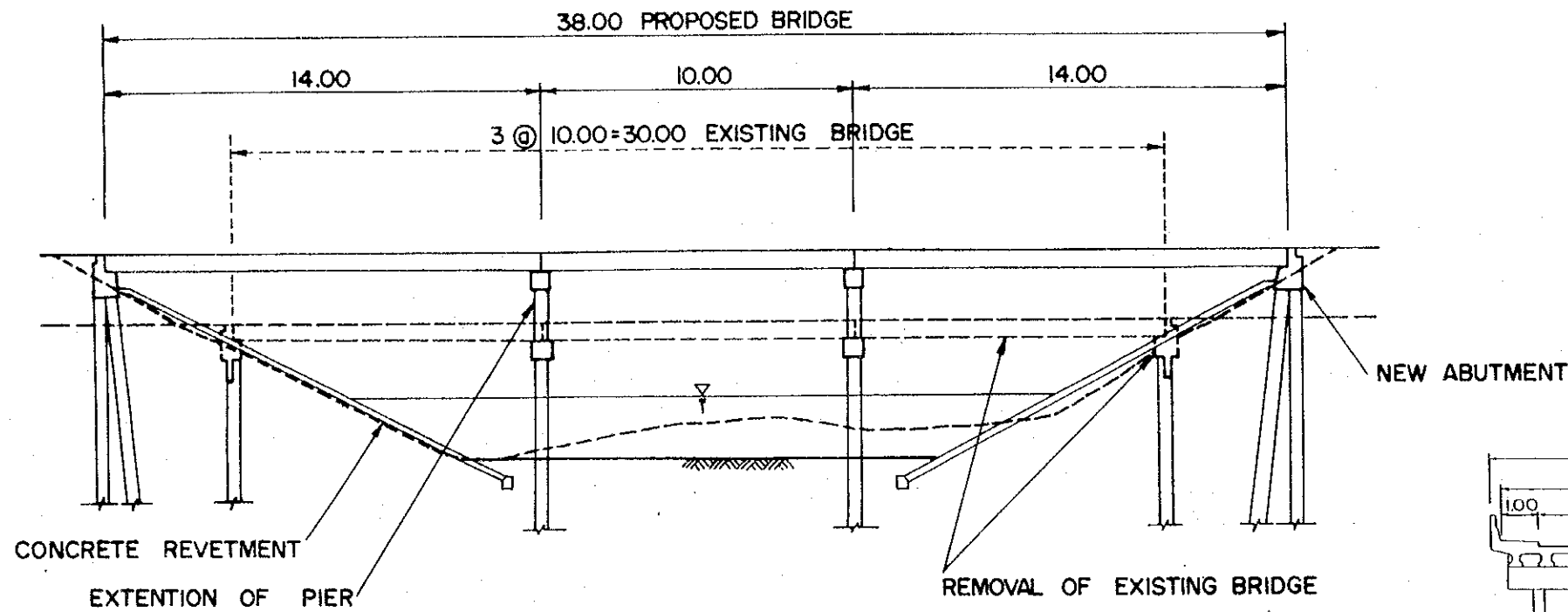
CONCRETE REVETMENT SCALE 1:60

JICA RDPP STUDY

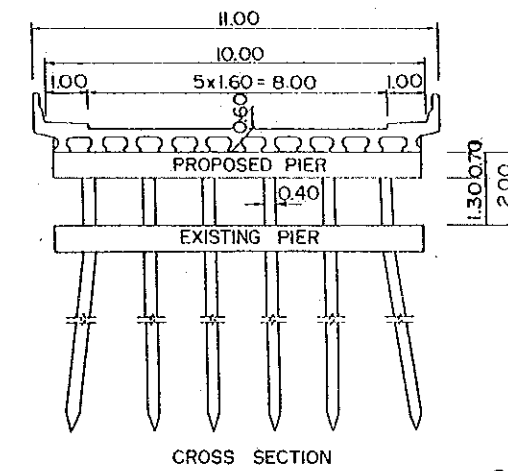
SPOT NO. 4058/1 KM. 8.624 SHEET NO. 5 OF 5

PERMANENT REPAIR WORK (3/3)

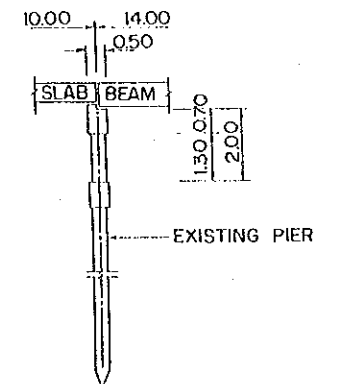
BC-1-8 OVERFLOW ON BRIDGE AND ROAD



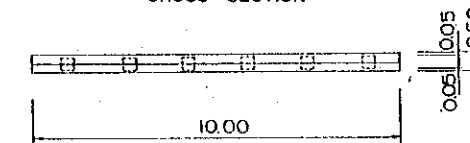
PROFILE SCALE 1:200



CROSS SECTION

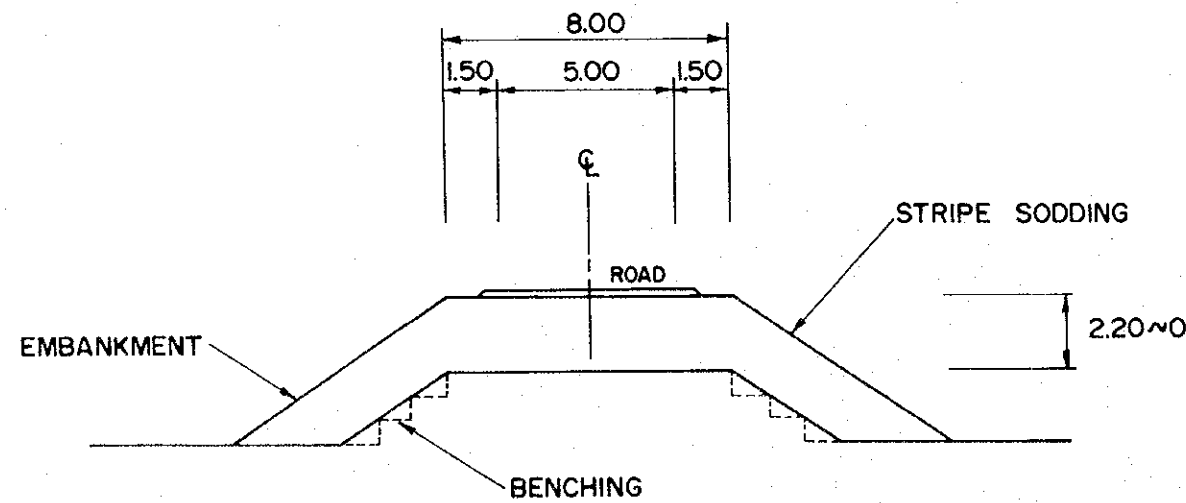


ELEVATION

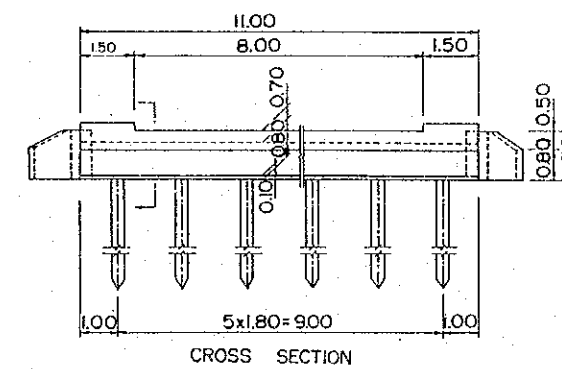


PLAN

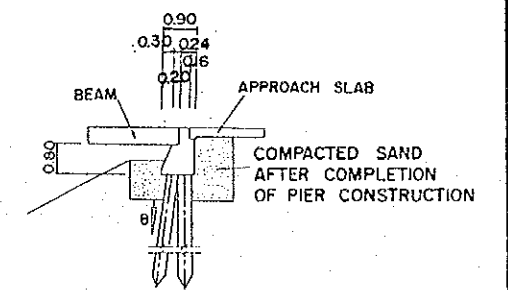
PIER SCALE 1:200



**CROSS SECTION SCALE 1:200
 (EMBANKMENT SECTION)**



CROSS SECTION



ELEVATION



PLAN

ABUTMENT SCALE 1:200

JICA