

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.PW/NBT-110-Forest Case-Khal Tibba-2022- 7194
To

Dated:-12-8-2022

The Divisional Forest Officer,
Bilaspur Forest Division,
District Bilaspur, HP

Subject:- Diversion of 3.9654 (instead of 5.5334 hectare) of forest land in favour of HPPWD for the construction of link road from Khal Tibba km. 0/0 to 7/0 within the jurisdiction of Bilaspur Forest Division.

With reference to your office letter No. 5982 dated 30-07-2022 on subject cited above wherein some shortcomings in the reply of this office have been pointed out. The reply of the shortcomings pointed out is given as under:-

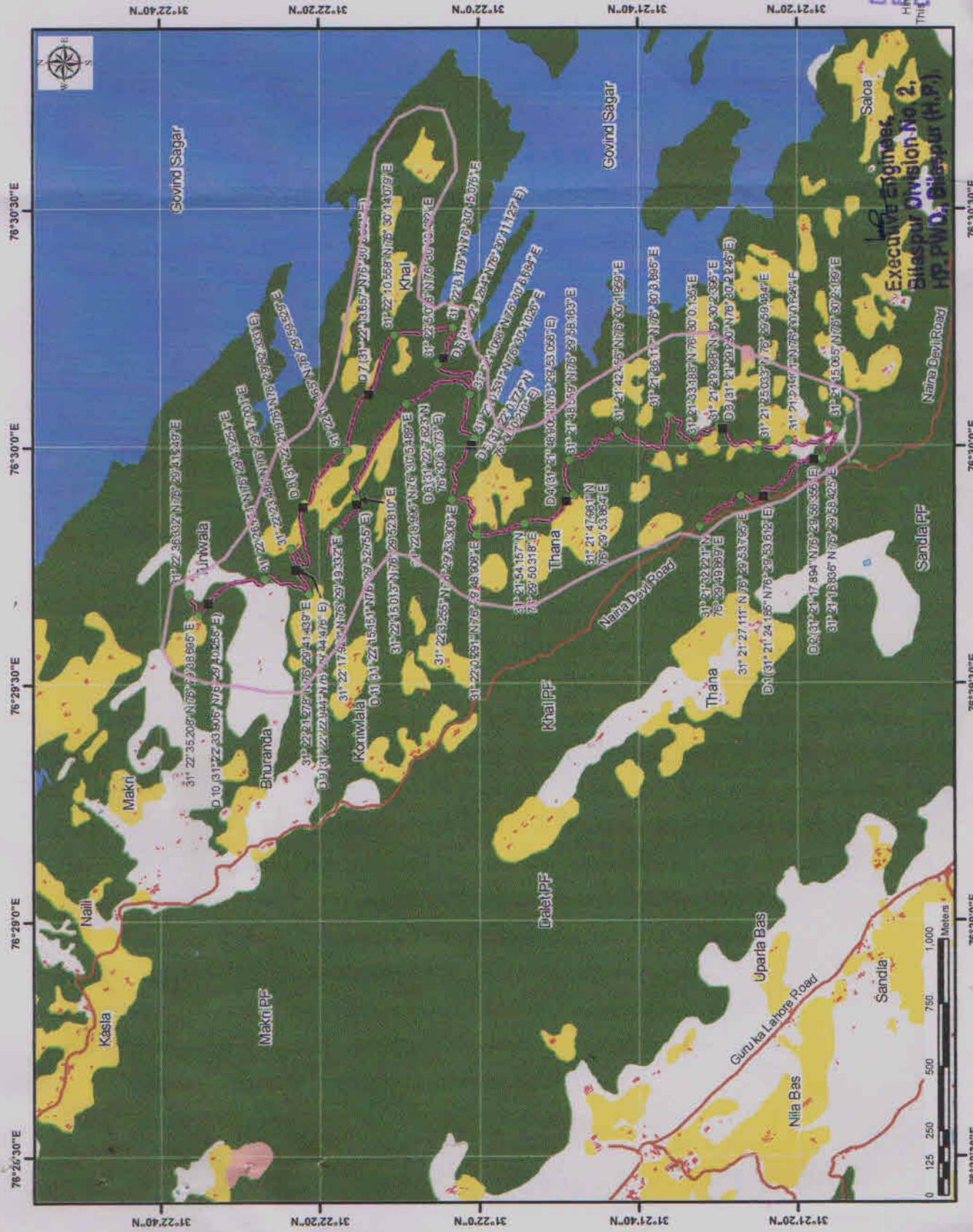
Point No.	Reply
2	Revised DSS analysis is attached and uploaded online.
3	A Suitable cross drainage structure has been proposed based on a hydrological survey of the area. There will be no obstruction to the natural drainage of the area. Road side drainage is also proposed in a manner so that the surface water is led to the low points and is drained through the C.D, structure, retaining wall, crate work. It is further conveyed that a kachha road already has been in use for about 10 years and till now no wildlife casualty or ecological damage has been reported due to vehicular movement.
5	To protect soil erosion and moisture conservation the user agency has proposed retaining walls and wire crate walls as per Annexure-I A amounting to Rs. 165.96 Lakhs and for the cross drainage, the 30 Nos. of various RCC Pipe culvert as per Annexure F-7 costing 116.22 Lakhs have been proposed for the smooth flow of water. The above described provisions will lead to no ecological damage and there will be no hindrance to the movement of the wildlife. However, the said area does not fall under the wildlife sanctuary even then for the safety of the wildlife and ecological protection the agency will put signboards and will make speed breakers as a precautionary measure. It is also conveyed that the bad shape of the existing kuchha road during the rainy season has led to medical emergencies as vehicular movement almost become impossible and in one case it led to human casualty also. The material carriage cost increases considerably during rainy season and cost of items doubles as these reach the consumers.
11(ii)	Copies of the orders of Hon'ble High Court of HP is attached.
12	Geo referenced map of DA is attached and uploaded online.
15	Gift deeds of private land owners is already attached.

The enclosures received vide your letter under reference are attested and resubmitted for further necessary action please.

DA/- As above

Executive Engineer,
Bilaspur Division No. 2,
HP PWD, Bilaspur (H.P.)

Division of 3.9654 ha of forest land in favour of Link Road from SNB road to Village Khal Tiba Km (0/0 to 7/0), District Bilaspur, HP



Legend

- GPS Location
- Dumping Site
- Proposed Road
- Existing Road
- Path
- Builtup Area
- River/Nallah
- Tank/Pond
- Agriculture
- Forest
- Grass Land
- Scrub
- Open Land/Waste Land
- Beneficiary Villages



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Executive Engineer,
Bilaspur Division No. 2,
HP PWD, Bilaspur (H.P.)

आज दिनांक 11-08-2022 को उपमंडल अधिकारी (ना०) कार्यालय श्री नैना देवी जी स्थित स्वारघाट में उपमंडल श्री नैना देवी जी के अंतर्गत पड़ने वाले गाँव खाल-टिब्बा में सड़क को पक्का करने बारे हुई प्रगति की समीक्षा बैठक श्री राज कुमार ठाकुर (हि०प्र०से०) उपमंडलाधिकारी (नागरिक) श्री नैना देवी जी की अध्यक्षता में संपन्न हुई जिसमें निम्न अधिकारियों व गैर सरकारी सदस्यों ने भाग लिया तथा निम्न कार्यवाही अमल में लायी गयी।

1. श्री जी.एस.राणा, अधिशाषी अभियन्ता, HPPWD बिलासपुर।
2. श्री बिपन शर्मा, तहसीलदार श्री नैना देवी जी स्थित स्वारघाट।
3. श्री राकेश कुमार, SDO, HPPWD श्री नैना देवी जी।
4. श्री नन्द लाल, वन परिक्षेत्रीय अधिकारी श्री नैना देवी जी।
5. श्री रहमत अली, 'एक पहल वेलफेयर सोसाइटी'।
6. श्री ज्ञान चंद, 'एक पहल वेलफेयर सोसाइटी'।
7. श्री रतन सिंह, 'एक पहल वेलफेयर सोसाइटी'।

सर्वप्रथम अध्यक्ष महोदय ने सभी अधिकारियों/ गैर सरकारी सदस्यों का बैठक में उपस्थित होने के लिए धन्यवाद किया। तत्पश्चात अध्यक्ष महोदय ने गाँव खाल-टिब्बा में सड़क को पक्का करने बारे चर्चा आरम्भ की जो कि निम्न प्रकार से है :-

चर्चा में भाग लेते हुए रहमत अली, (Legal Advisor) 'एक पहल' सोसाइटी ने अध्यक्ष महोदय के ध्यान में लाया कि ग्राम पंचायत सलोआ के खाल टिब्बा गाँव में जो लिंक रोड है उसे पक्का नहीं किया जा रहा है इस बारे उन्हें लिंक रोड को पक्का करने के आश्वासन ही मिलता जा रहा है यह लिंक रोड लोगों के लिए चलने लायक भी नहीं है। इसके अतिरिक्त 'एक पहल सोसाइटी' के सदस्यों ने कहा कि बरसात के मौसम में भूमि कटाव के कारण सड़क में दरारें पड़ जाती हैं, उपरोक्त लिंक रोड में कोई भी पक्का डंगा, पानी की निकासी हेतु नालियाँ नहीं हैं जिससे वन्य जीव को भी नुकसान हो रहा है। 'एक पहल' सोसाइटी के सदस्यों ने कहा कि अगर लोक निर्माण विभाग खाल-टिब्बा लिंक रोड पर पक्के डंगे,

Sub-Divisional Magistrate
Shri Naina Devi Ji at Swarghat,
District Bilaspur (H.P.)

Ratna

पानी की निकासी हेतु नालियाँ बना दे तो बरसात के मौसम में भूमि कटान भी रुक जाएगा और वन्य जीव को भी नुकसान नहीं होगा।

वन परिक्षेत्रीय अधिकारी श्री नैना देवी जी ने कहा कि उपरोक्त लिंक रोड की क्लीयरेंस के लिए आपतियां लगी हुई हैं जिस बारा लोक निर्माण विभाग को अवगत करवा दिया गया है। इस सम्बन्ध में अधिशाषी अभियन्ता, HPPWD बिलासपुर ने कहा कि जो वन विभाग द्वारा आपतियां लगाई गई हैं उनका उत्तर तैयार कर लिया गया है।

श्री रहमत अली, (Legal Advisor) 'एक पहल सोसाइटी' ने अध्यक्ष महोदय के ध्यान में लाया कि बरसात के मौसम में बच्चों को स्कूल जाने के लिए समस्या हो जाती है, बीमार लोगों को लिंक रोड से मेंन सड़क तक पहुंचना मुश्किल हो जाता है और सबसे बड़ी समस्या गर्भवती महिलाओं को मेंन सड़क तक पहुँचाने की होती है इस बारे अधिशाषी अभियन्ता, HPPWD बिलासपुर, SDO, HPPWD श्री नैना देवी जी, तहसीलदार श्री नैना देवी जी व वन परिक्षेत्रीय अधिकारी श्री नैना देवी जी ने भी पुष्टि की। वन परिक्षेत्रीय अधिकारी श्री नैना देवी जी ने अध्यक्ष महोदय के ध्यान में लाया कि खाल- टिब्बा रोड वन्यजीव अभ्यारण्य से नहीं गुजरता है।


अध्यक्ष महोदय के ध्यान में लाया गया कि 'एक पहल सोसाइटी' ने दिनांक 26-06-2022 को उपमंडलाधिकारी (नागरिक) के माध्यम से माननीय मुख्यमंत्री हिमाचल प्रदेश को एक ज्ञापन दिया था जब उपमंडलाधिकारी (नागरिक) स्वारघाट, खाल टिब्बा के लोगो द्वारा किए जा रहे माननीय मुख्यमंत्री हिमाचल प्रदेश के विरोध में काले झंडे दिखा रहे थे जिस बारे उन्होंने आश्वासन को मानते हुए यह विरोध प्रदर्शन वापिस ले लिया था। 'एक पहल सोसाइटी' के सदस्यों ने कहा कि दिनांक 28-06-2022 को Inspector General of Forest Integrated Regional Office Shimla को जो रोड के सम्बन्ध में 2016 में जो प्रपोजल भेजी गई थी परन्तु उसका जबाब आज तक नहीं मिला।

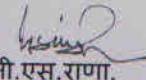
अध्यक्ष महोदय द्वारा अधिशाषी अभियन्ता HPPWD बिलासपुर को निर्देश दिए गए कि इस लिंक रोड की क्लीयरेंस को जो आपतियां लगी हैं उनका शीघ्र अति शीघ्र निपटारा करवाना सुनिश्चित करें।


Sub-Divisional Magistrate
Shri Naina Devi Ji at Swarghat,
District Bilaspur (H.P.)

Rattan


अंत में अध्यक्ष महोदय ने बैठक में उपस्थित सभी अधिकारियों व गैर सरकारी सदस्यों का धन्यवाद किया तथा उक्त कार्यवाही पर अमल करने का आग्रह किया व कृत कार्यवाही से अध्यक्ष को भी अवगत करवाया जाए।


राज कुमार ठाकुर (HAS)
उपमंडलाधिकारी (नागरिक)
श्री नैना देवी जी, स्थित स्वारघाट,
जिला बिलासपुर। (H.P.)
दिनांक 11-08-2022



श्री जी.एस.राणा,
अधिकाधी अभियन्ता,
HPPWD बिलासपुर।
दिनांक 11-08-2022



श्री बिपिन शर्मा,
तहसीलदार श्री नैना देवी जी
स्थित स्वारघाट।
दिनांक 11-08-2022


श्री राकेश कुमार,
SDO, HPPWD श्री नैना देवी जी।
दिनांक 11-08-2022


श्री नन्द लाल,
वन परिक्षेत्रीय अधिकारी,
श्री नैना देवी जी।
दिनांक 11-08-2022


श्री रहमत अली (Legal Advisor)
'एक पहल सोसाइटी'।
दिनांक 11-08-2022


श्री ज्ञान चंद (सदस्य)
'एक पहल सोसाइटी' (सदस्य)
दिनांक 11-08-2022


श्री रतन सिंह (सदस्य)
'एक पहल सोसाइटी'
दिनांक 11-08-2022

Hydrological Survey

Hydrological survey is necessary for design of adequate and safe Cross Drainage Structures so that road water can pass as per natural slope. Hydrological survey of the proposed road is based on the following observations:

- Rainfall Data
- Catchments Area
- Time of Concentration
- Existing Cross Drainage Structures.

Rainfall Data

Rainfall Data as applicable for the project road were collected with maximum rainfall occurring in the months of {July-August, Annual 900-1000 mm }

Catchment Area

The Catchments area is calculated by gathering local information and topographical survey data as it was not possible to calculate from topographical sheets due to their unavailability.

$$500 \times 0.600 = 0.900 \text{ Sqkm}$$

Time of Concentration

Time of concentration (t_c) in hours is calculated from the formula of $(0.87 \times L/H)^{0.385}$, where L is distance from the critical point to the structure site in km and H is the difference in elevation between the critical point and the structure site in meters. NO Such Nallah Exists on this road and only road side drain water will be disposed of on safer locations.

Existing Cross Drainage Structures (Nil)

Table-6.1 List and condition of existing culverts (NA)

Sl.	Chainage (km)	Description of Existing Structure		
		Type	Span/ Dia. (m)	Condition
		Nil-		

GENERAL ABSTRACT OF COST

Name of work : C/O link road from S.N.B to Khal Tiba km 0/0 to 6/810
 (SH: Formation Cutting work i/c Retaining Walls
 and wire crate walls)

Annexure I A

Description	Reference	Amount
Formation Cutting work i/c filling in embankments	Annexure (3A) i	4875820
C/O Retaining Wall in various reaches	Annexure 3(A)ii	7196914
C/O Wire Crate Walls in various Reaches & Spoil banks	Annexure 3(A)iii	4523215
	Total	16595949
	Say Rs	165.96 lac ✓

Lay

Executive Engineer
 Bilaspur Division No 2
 HPPWD Bilaspur

PRADHAN MANTRI GRAM SADAK YOJANA (P.M.G.S.Y.)
Cost Estimate For Road Construction of Cross Drainage works

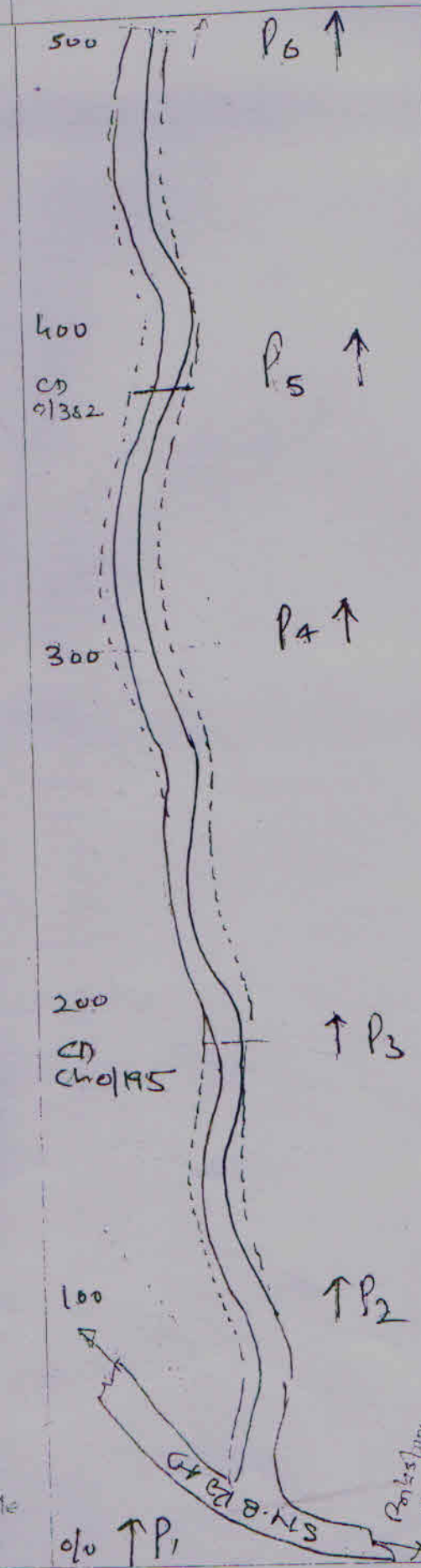
PACKAGE No HP-01 - 160

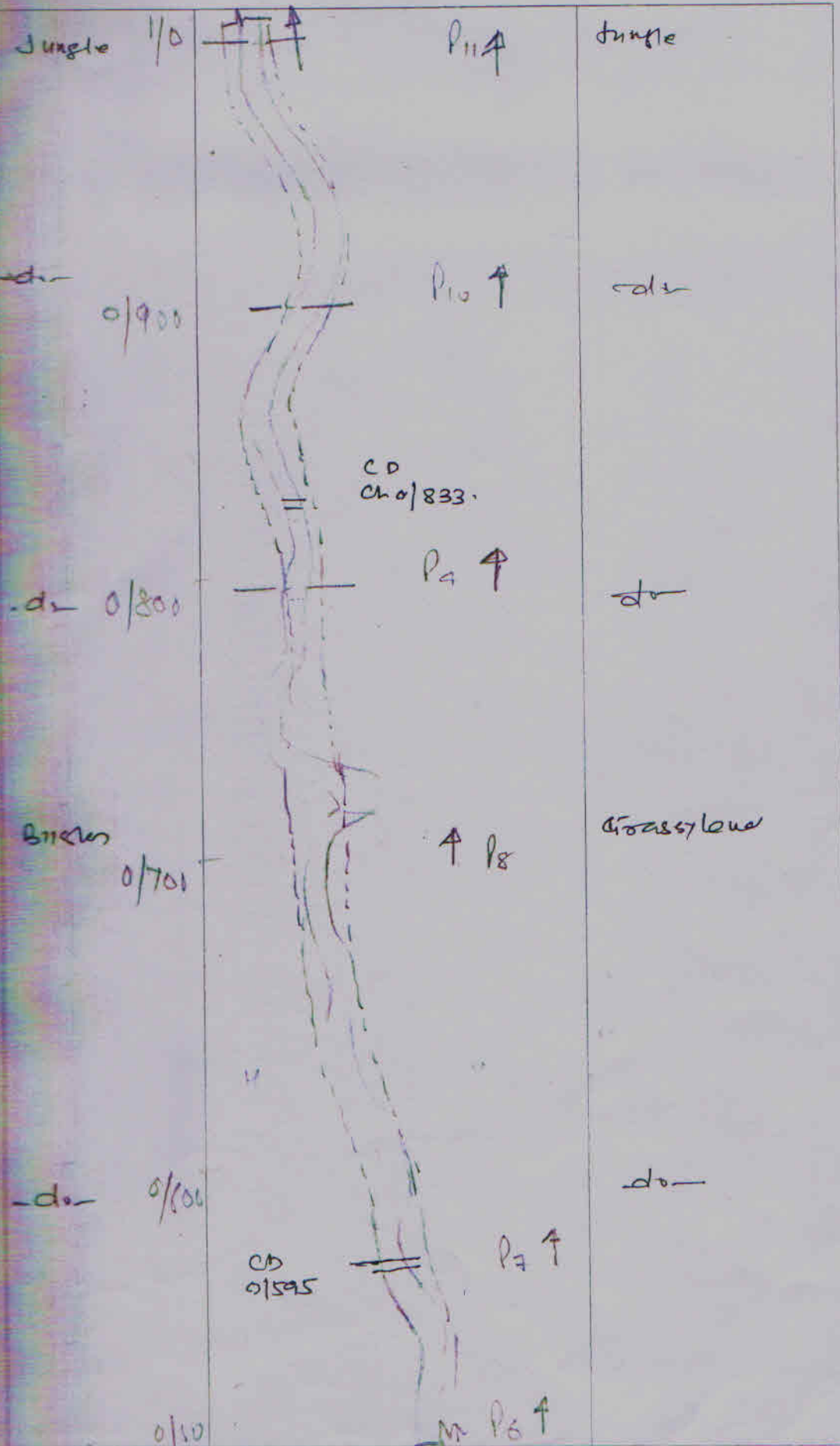
Name of Road :- C/O Link Road from SNB to Khal Tiba km 0/0 to 6/810.
 Block (S) Sadar Bilaspur
 District Bilaspur

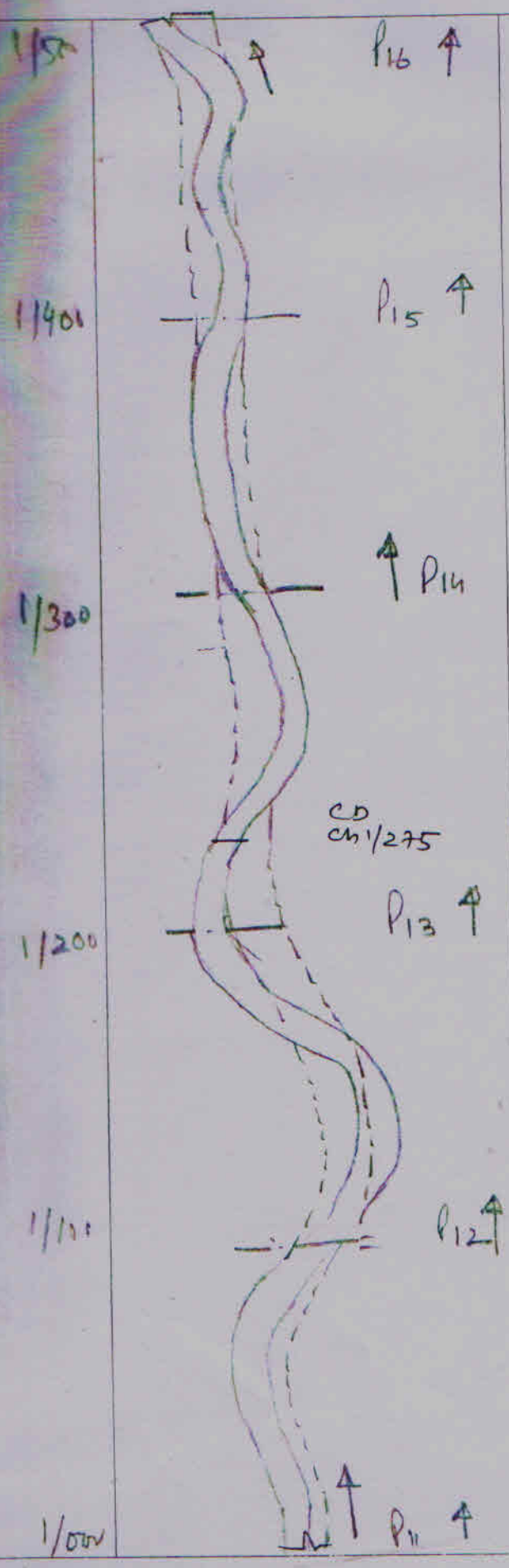
Sr.No.	Description of item	Reference	Amount
1	Cost estimate for cross drainage work 26 Nos RCC Hume Pipe Culverts 900mm dia RCC Slab Culverts 3.00mtr to 6.00 mtr Span 3 NOs ((Flush CWay 1Nos) Total 30 Nos	Annexure F-7	116.22 117.41 Lacs

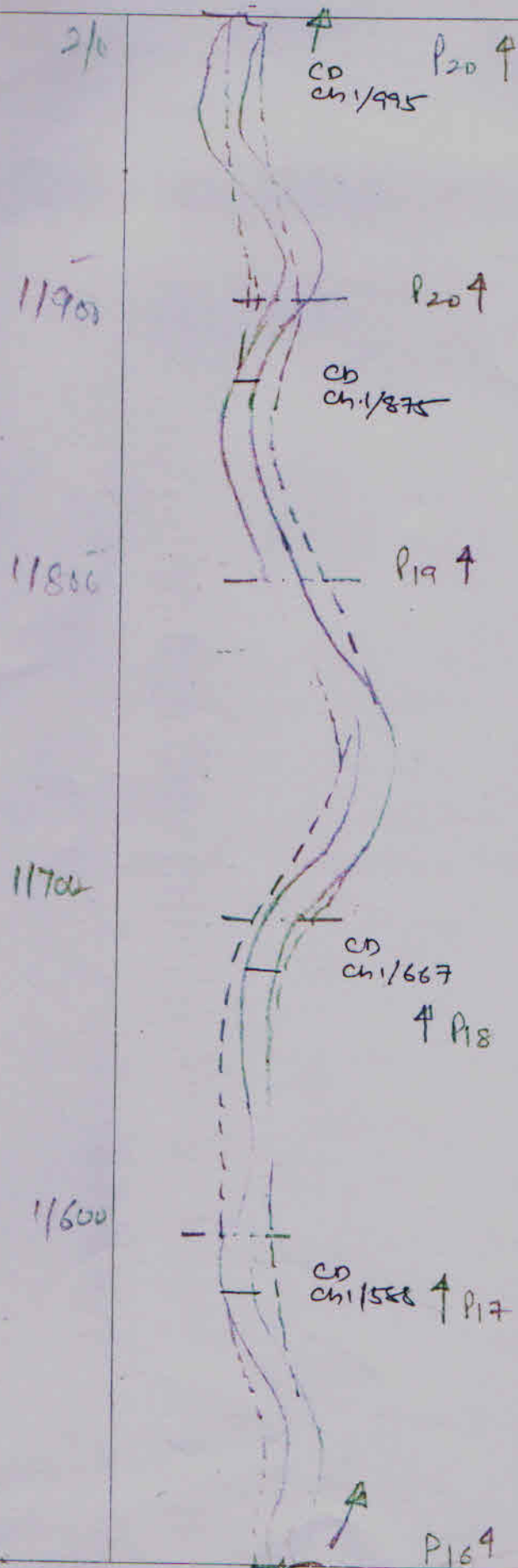
Executive Engineer
 Bilaspur Division No 2
 H.P.PWD Bilaspur

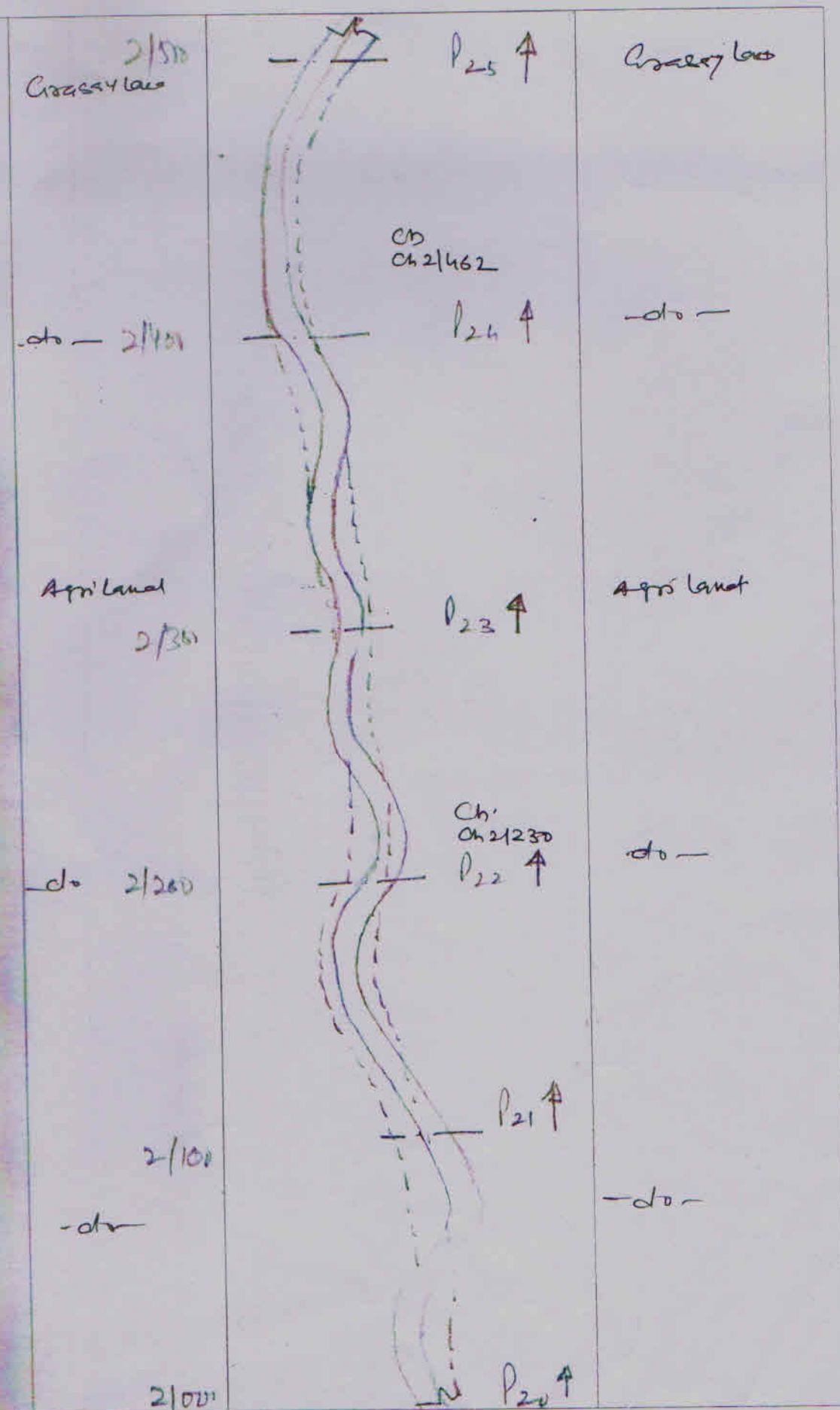
Junior Engineer, Work Inspector.

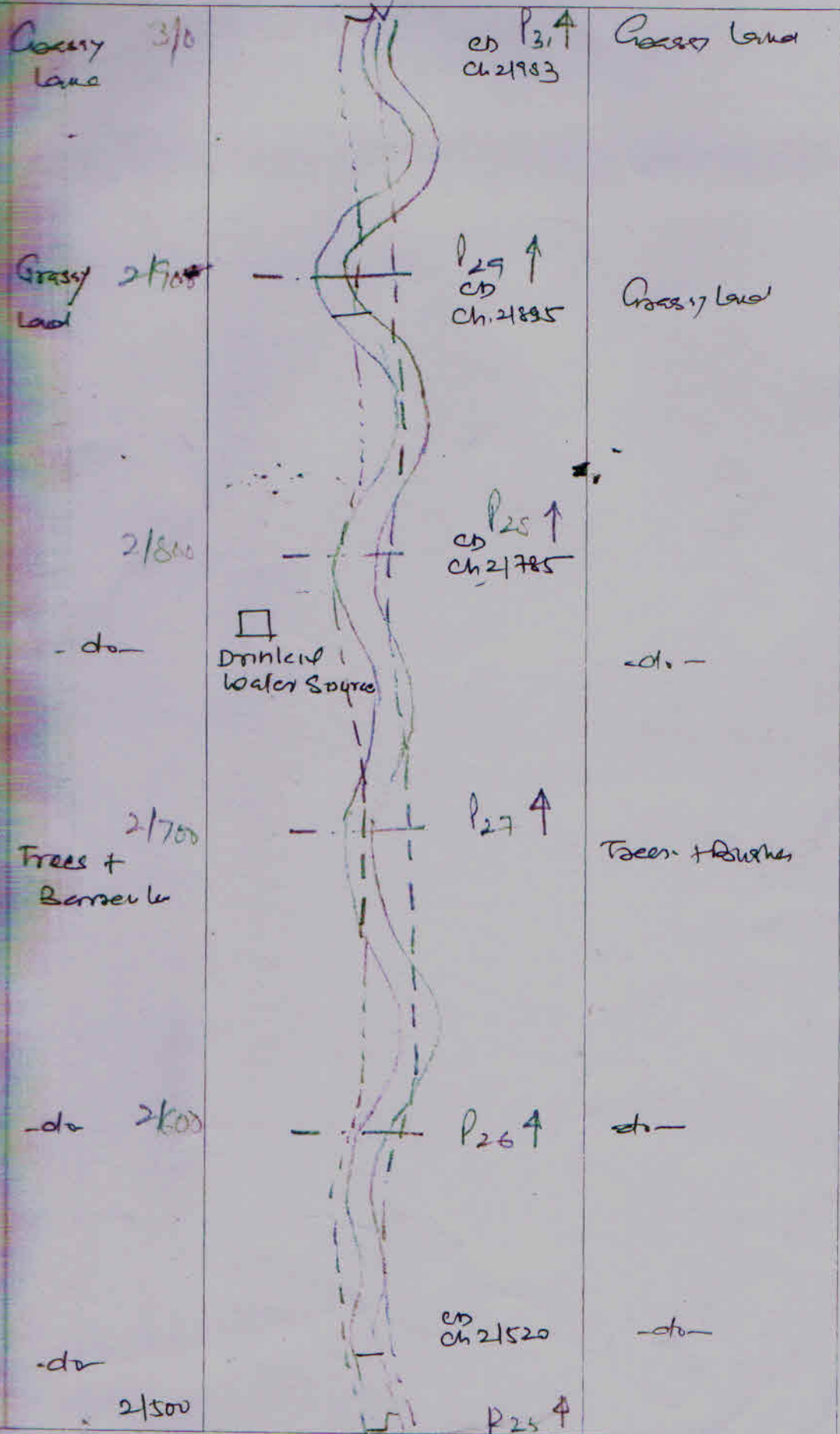
LHS Notes		RHS Notes
<p>Jungle</p> <p>Bushes</p> <p>-do-</p> <p>-do-</p> <p>Bamboo Land</p> <p>Jungle</p>	 <p>500</p> <p>400</p> <p>CD 9/382</p> <p>300</p> <p>200</p> <p>CD 9/195</p> <p>100</p> <p>0/0</p> <p>P1</p> <p>P2</p> <p>P3</p> <p>P4</p> <p>P5</p> <p>P6</p> <p>S.N.B. RD</p> <p>Link road</p> <p>Khal Tibba</p>	<p>Jungle</p> <p>Bushes</p> <p>-do-</p> <p>-do-</p> <p>Bamboo Land</p> <p>Jungle</p>

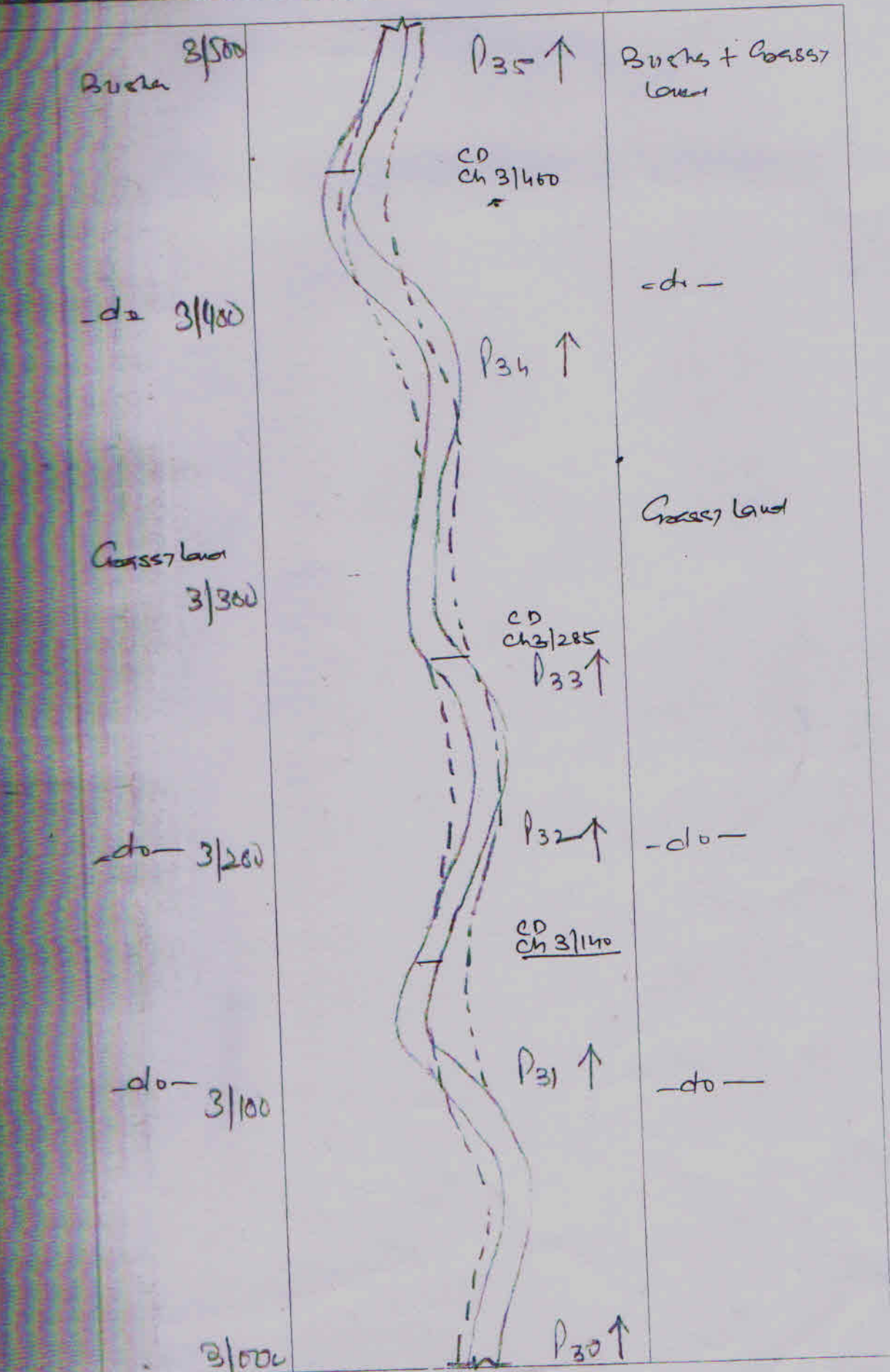


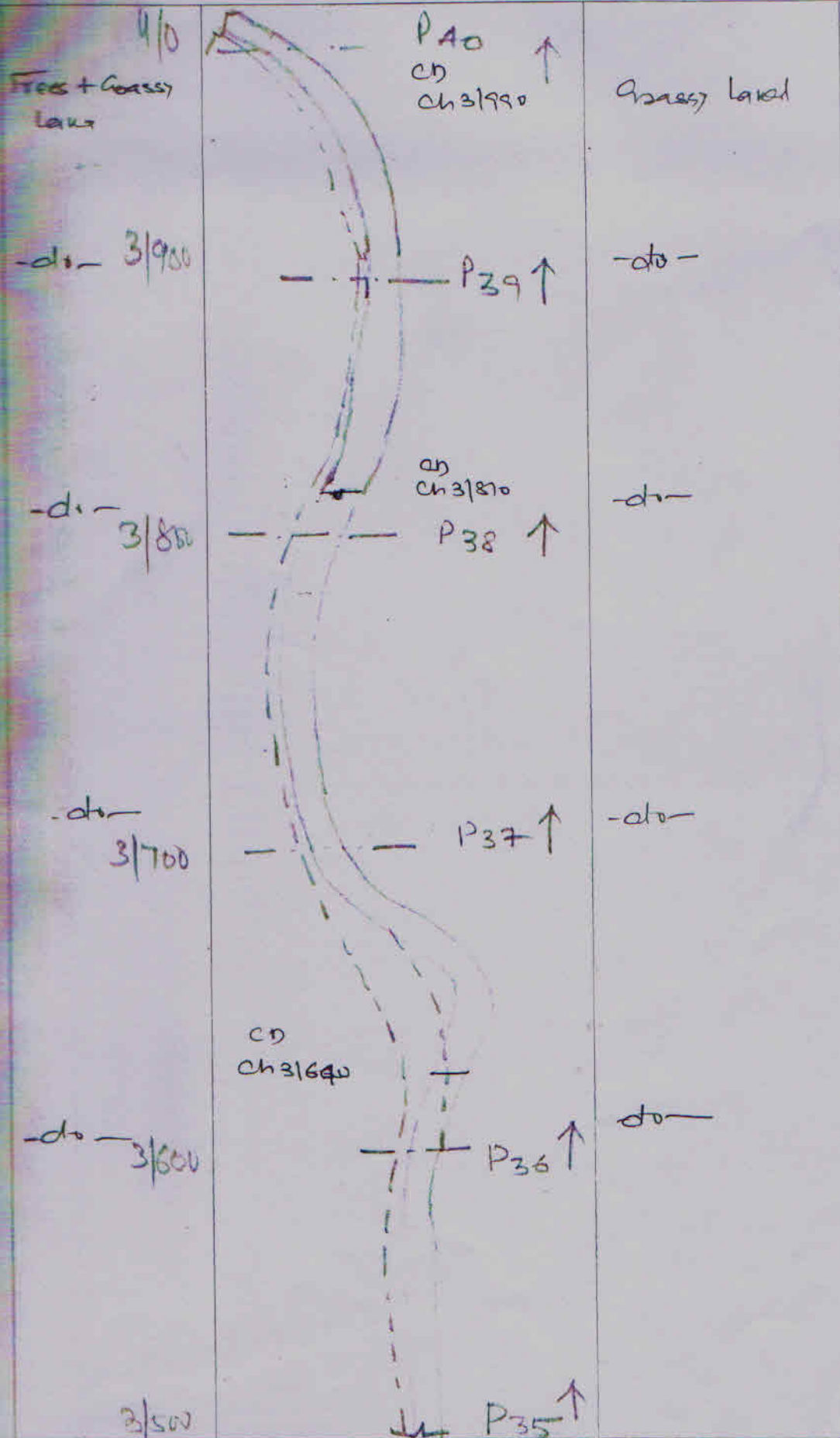


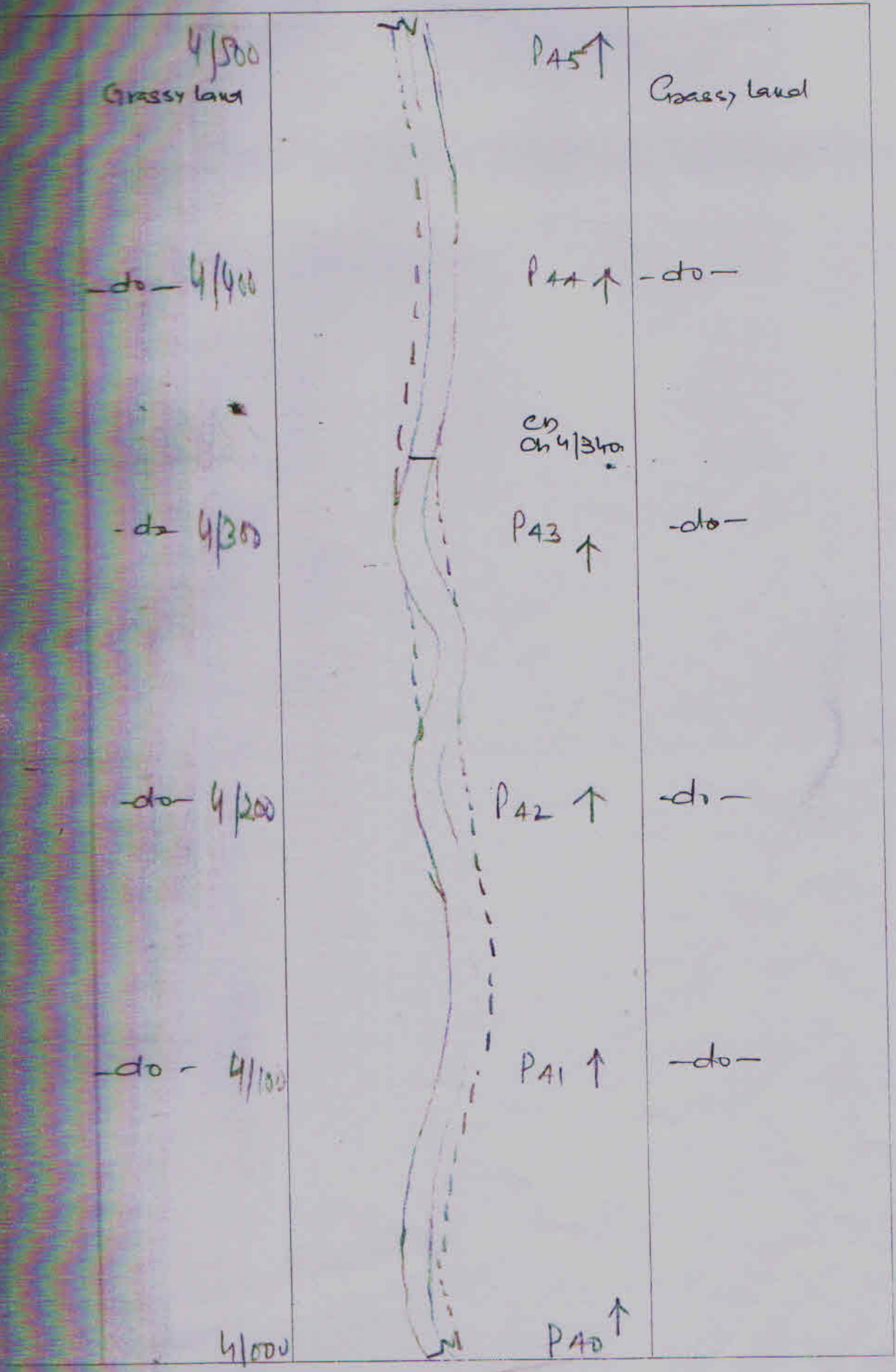


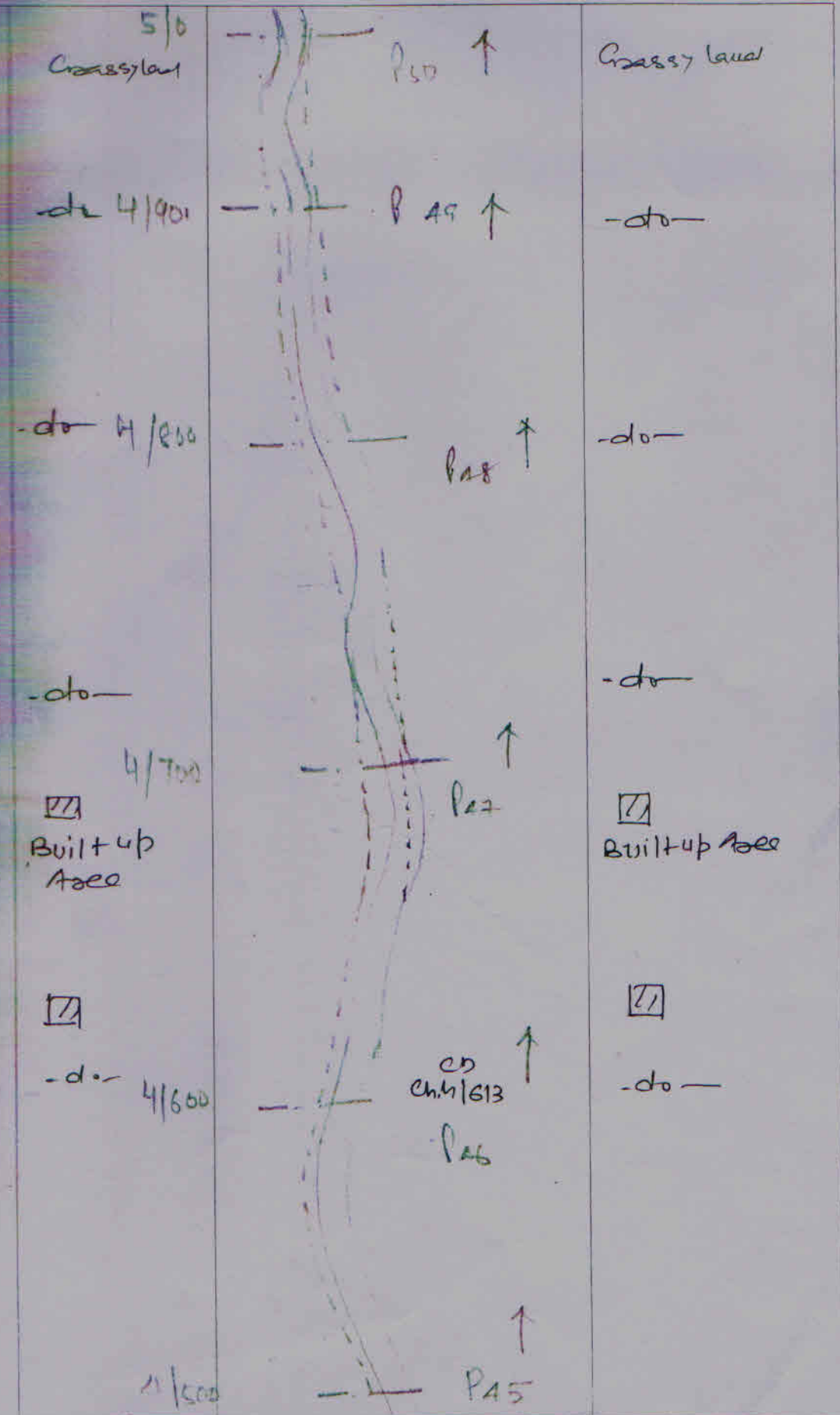












5/500
Grassy land

5/400
Bushes

5/300
Grassy land

5/200
Grassy land

5/150

5/100

P55 ↑

P54 ↑

CD
Ch 51378

CD
Ch 51310

P53 ↑

P52 ↑

Ch 51140
CD

P51 ↑

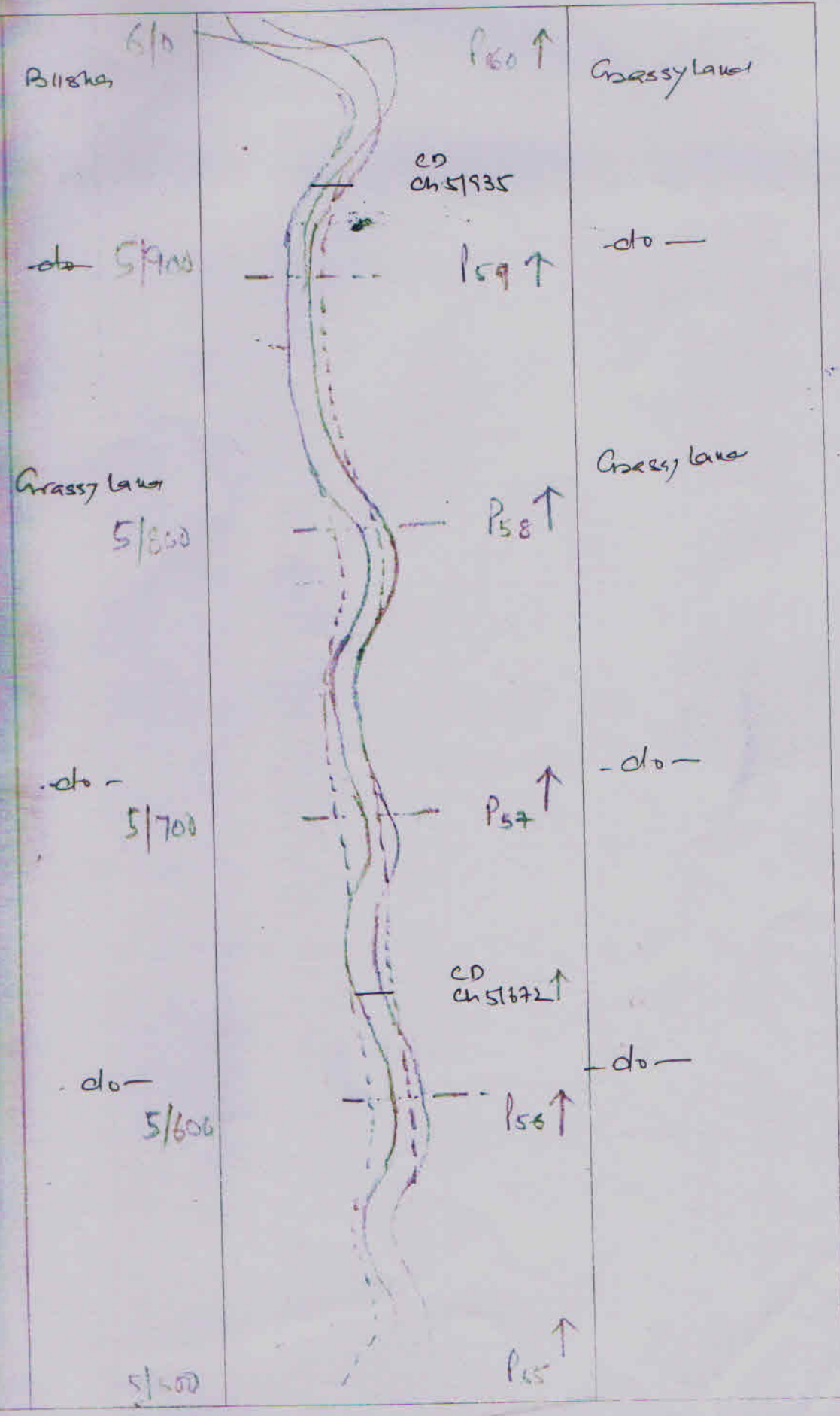
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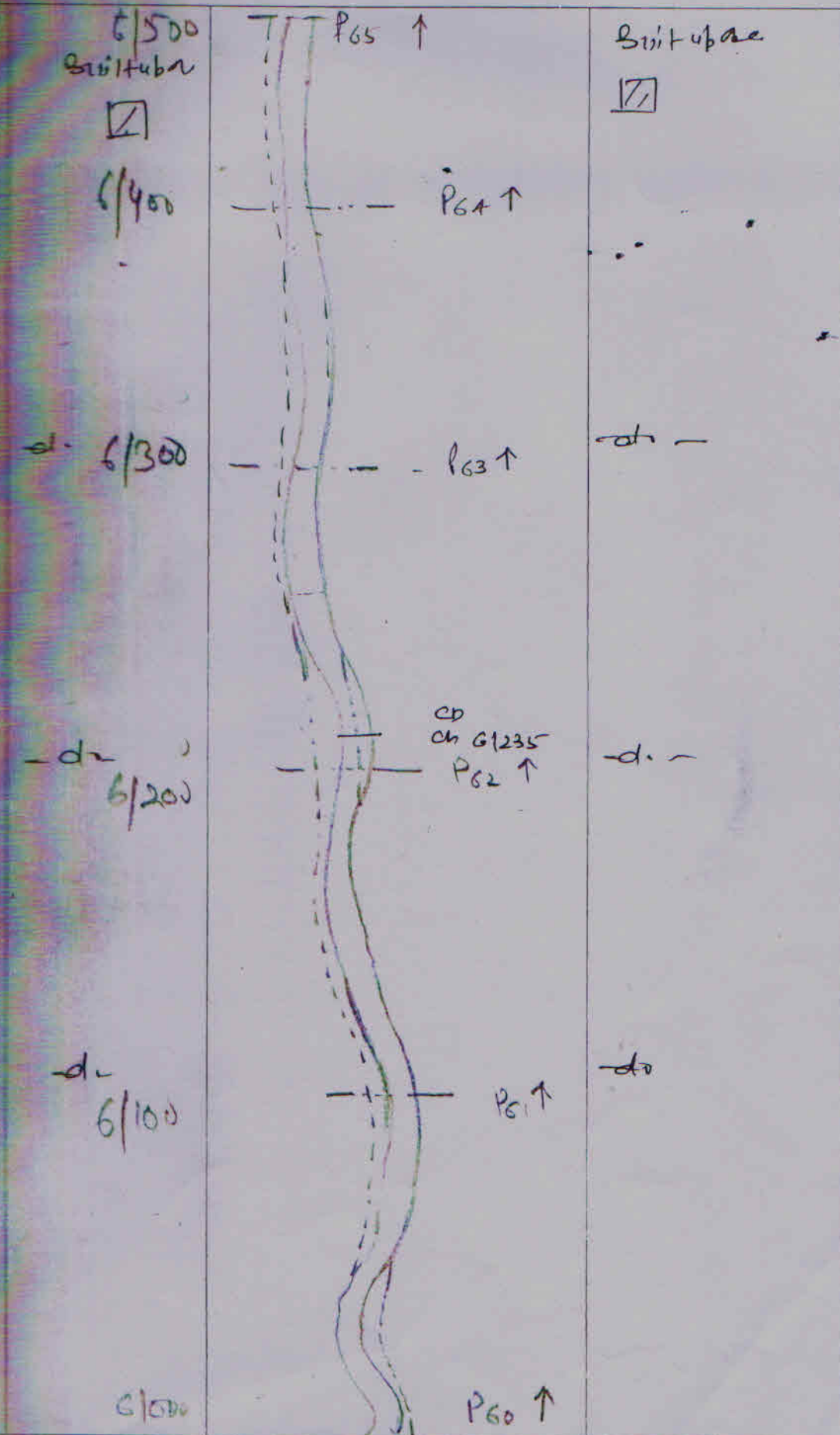
Grassy land

Bushes

Grassy land

Grassy land





6/810

6/800



Built up
Area

6/700

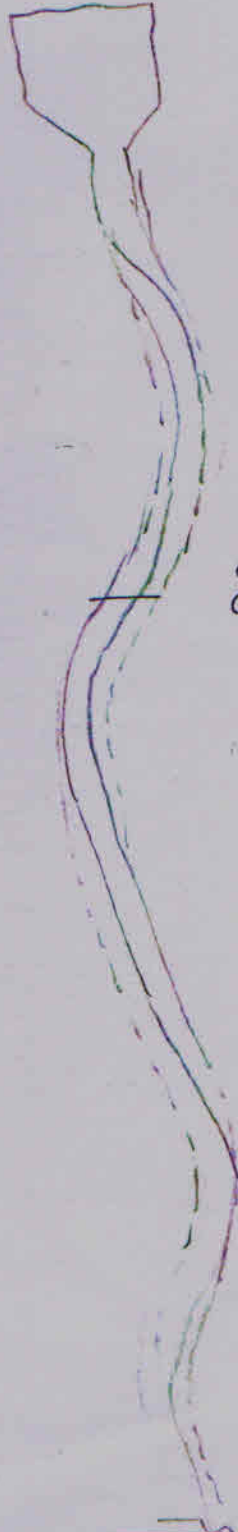


Appt + Com
Lan

6/600



6/500



P68 ↑

cb
Ch 6/702.

P67 ↑

P66 ↑

P65 ↑



Built up Area



etc.



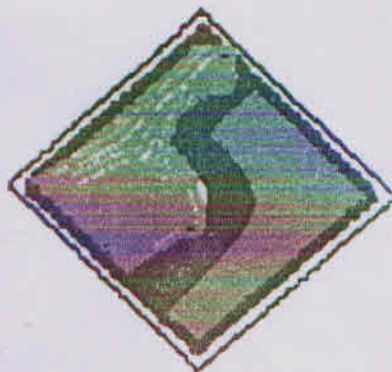
Preliminary Estimates

SR. NO	NAME OF WORK	AMOUNT (IN LACS)
1	Preliminary Estimate for C/O Road from Sh. Naina Devi Ji to Modar (Mandyali) Via Degree College km 0/00 to 3/500. (SH:- F.C, C.D Work, G-I & Metalling / Tarring).	106.10
2	Preliminary Estimate for C/O Link Road From Karotiwala to Village Dherni in G.P Dharot km 0/00 to 3/00. (SH:- C/O Jeepable to Motorable road, C.D Works, Soling G-I & P/L M/T Works in km 0/00 to 1/00).	64.93
3	Preliminary Estimate for C/O Link Road from Kala - Johar to Village Pansui km 0/00 to 2/500. (SH:- C/O Jeepable to Motorable road, C.D Works & P/L Soling in km 0/00 to 2/000).	86.51
4	Preliminary Estimate for C/O L/R to Village - Jharian km 0/00 to 1/500. (SH:- C/O Jeepable to Motorable road, C.D Works, Soling G-I & P/L M/T Works in km 0/00 to 1/500).	86.83
5	Preliminary Estimate for C/O Link Road Harizen Basti Rod Jaman From main road Rod Jaman in G.P. Rod Jaman KM 0/00 to 1/00.	57.88
6	Preliminary Estimate for C/O Link Road to Police station Kot in G.P Kot Khas KM 0/00 TO 1/00.	33.65
7	Preliminary Estimate for C/O Link Road to Village Dharda in G.P Kharkari KM 0/00 TO 2/00.	67.31
8	Preliminary Estimate for C/O Link Road from Sh. Naina Devi Ji to Thanakolian Via Dadoghat KM 0/00 to 10/00. (SH:- C/O Jeepable to Motorable Road in km 4/800 to 10/00 & CD Works in km 4/800 to 6/000).	86.91

Working Estimates

1	C/O LINK ROAD FROM MAKRI TO VILLAGE BARIWALA IN KM 0/00 TO 4/500. (SH:- C/O 900 MM DIA H.P.CAT VARIOUS RD 'S & C/O R/WAL AT RD 0/235 TO 0/285 & 0/360 TO 0/375).	19,70,000.00
2	C/O Link Road from Kala - Johar to Village Pansui in G.P Mandyali km 0/00 to 2/500. (SH:- C/O 900 mm dia H.P.C. R/Wall Length = 20.00 meter & P/L Soling in km 0/00 to 0/750).	9,94,964.00
3	C/O Link Road from Dispensary to Harizen Basti lower Mandyali in G.P. Mandyali KM 0/00 to 2/00. (SH:- C/O 900 MM DIA H.P.CAT VARIOUS RD 'S 0/155, 0/650 & 0/905 & C/O R/WAL AT RD 0/00 TO 0/010).	9,46,587.00
4	C/O L/R TO VILLAGE DEH KM 0/00 TO 1/105 IN G.P ROD JAMAN WARD NO- 1 GUJJAR BASTI & RAJPUT BASTI. (SH:- Soling, Wearing & Tarring in Km 0 /00 to 1/105) & (SH:- C/O R/Wall at RD 0/810 to 0/830).	34,36,708.00
5	LINK ROAD FROM S.N.B ROAD TO VILLAGE KHAL TIBA KM 0/00 TO 7/00. (SH:- C/O 900MM DIA HUME PIPE CULVERT 0/500, 0/720, 1/330 & 1/480).	1006630.00
6	C/O Link Road from Galua to Village Swana km 0/00 to 2/500. (SH:- C/O 900 MM DIA R.C.C HUME PIPE CULVERT AT VARIOUS RD'S 0/250, 0/335, 0/910 & 1/305).	9,54,000.00
7	C/O Link Road from Sh. Naina Devi Ji to Thanakolian Via Dadoghat KM 0/00 to 10/00. (SH:- C/O 900 MM DIA R.C.C HUME PIPE CULVERT AT RD 5/010, 5/295, 5/685 & 5/900).	9,61,300.00

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT



DETAILED DRAWINGS

(Under PMGSY) Regular (2016-17)

Volume-1

10TH CIRCLE HP. PWD. BILASPUR

DIVISION Bilaspur No 2

(Block Sadar Bilaspur)

Distt. Bilaspur

Package No. HP-01- 160

L=171

Name of work: Construction of link road from S.N.B Road
to Khal Tiba km 0/0 to 6/810

519.32

ESTIMATED COST Rs :526.21 Lacs

DPR Template

Himachal Pradesh Public Works Department

**Name of Works : C/O link road from SNB to Khal
Tiba Km 0/0 to 6/810**

Estimated Cost : Rs ~~526.21~~Lakh.

519.32

SNB KHAL TIBBA

BHARRA DAM

GOVIND SAGAR



PHC
SH NAINA DEVI



SH NAINA DEVI
VEE TEMPLE

Section of Block Maps showing all existing connectivity like District/block HQ,
municipalities, National and State highway network, mandis, hospitals, colleges, schools etc.

for alignment investigation

Introduction

Objectives of Pradhan Mantri Gram Sadak Yojna (PMGSY)

Rural Road connectivity is a key component of rural development by promoting access to economic and social services and thereby generating increased agricultural incomes and productive employment opportunities. It is also a key ingredient in ensuring poverty reduction.

It was against this background of poor connectivity that the Prime Minister announced in 2000, a massive rural roads program. The Prime Minister's Rural Road Program (Pradhan Mantri Gram Sadak Yojana, PMGSY) set a target of:

- Achieving all-weather road access to every village/habitation with a population greater than 1000 by 2003.
- Providing all-weather road access to all villages/habitations of population greater than 500 people [250 in case of hill States (North-Eastern states, Sikkim, Himachal Pradesh, Jammu & Kashmir and Uttaranchal), the desert areas and tribal areas] by the end of the Tenth Five Year Plan, i.e., 2007

All Weather Road

{ These are the road in which the traffic remains continue during the rainy season. }

Core Network

The rural road network required for providing the 'basic access' to all villages/ habitations is termed as the Core Network. Basic access is defined as one all-weather road access from each village/ habitation to the nearby Market Centre or Rural Business Hub (RBH) and essential social and economic services.

A Core Network comprises of Through Routes and Link Routes. Through routes are the ones which collect traffic from several link roads or a long chain of habitations and lead it to a market centre or a higher category road, i.e. the District Roads or the State or National Highways. Link Routes are the roads connecting a single habitation or a group of habitations to Through Roads or District Roads leading to Market Centres. Link Routes generally have dead ends terminating on habitations, while Through Routes arise from the confluence of two or more Link Routes and emerge on to a major road or to a Market Centre.

The Core Network may not represent the most convenient or economic route for all purposes. However, since studies show 85-90% of rural trips are to market centres, the Core Network is likely to be a cost-effective conceptual frame work for investment and management purposes, particularly in the context of scarce resources.

The Sub-project road (SNB) to {Khal Tiba } is a link road with Code { 1-171} in Sadar Bilaspur } block of {Bilaspur } District. This road directly connects the habitations of {Kha Tiba } with populations of {250} respectively. Thus this link road serves the total population of {250}.

1.4 Geography

{ The road is constructed in Rolling Terrain of District Bilaspur in HP State and the alignment of the road passes through the agriculture and garssy land .

1.5 Climatic Condition

{ The minimum temperature of the area falls to 4°C and Maximum upto 42 °C . The rain fall varies in between 1000 to 1100 mm per annum. }

1.6 The Sub-Project Road

The road passes through plain/rolling/hilly terrain {Rolling Terrain }.

{ The road geometrics has been followed as per Standard.

District: {Bilaspur }

Block: {Sadar Bilaspur }

Road Name: {Insert name of road}

Road Code: { Link Route No L-171 }

Package No: {HP-01- 160 }

Road Length: {6.810} Km

Start Point: {Bifurcates from SNB Road .

End Point: {The End point at Khal Tiba Village }

Sl.No.	Habitation benefited	Population benefited		Chaniage	
			-	From	To
1	Khal Tiba	250		0/0	6/810

Nil