

GOVT. OF JAMMU AND KASHMIR

**Public Works Department (Roads and Buildings)
Jammu**

**APPLICATION FOR ADMINISTRATIVE
APPROVAL FOR**

NAME OF WORK: Widening of Phinter to Billawar
road alongwith balance work of
Billawar to Sukralla road
(Under CRF).

ESTIMATED COST : RS.2362.00 LACS.

Length : 9.025 KMS.

DISTRICT : KATHUA

OFFICE OF THE EXECUTIVE ENGINEER PWD (R&B) DIVISION BASOHLI

Respected Engineering,
Jammu-Kathua Circle,

No. 6693-97

Dated 26-02-2018

Application for Administrative Approval for Widening of Phinter to Billawar road alongwith balance work of Billawar to Sukralla road (Under CRF) Length = 9.025 kms.

Kindly find enclosed the Application for Administrative Approval for the work amounting to Rs.2362.00 Laacs for favour of further necessary action at ~~enclosed~~.

The Application for Administrative Approval has been processed as per instructions of Hon'ble Dy. Chief Minister J&K State.

As such, it is requested that the Application for Administrative Approval be accorded from the competent authority and communicated to this office for further course of action.

Yours Faithfully,


(Er. Purshotam Kumar)
Executive Engineer
PWD (R&B) Division
Basohli

Sets

For:-

- 1. P.R.O. to Hon'ble Dy. Chief Minister J&K State for favour of information please.
- 2. Chief Engineer PW (R&B) Department Jammu for favour of information please.
- 3. Assistant Executive Engineer PWD (R&B) Sub-Division Billawar for information.
- 4. Head Draftsman-Head Clerk for information.

OFFICE OF THE EXECUTIVE ENGINEER PWD (R&B) DIVISION BASOHLI

The Superintending Engineer,
PWD (R&B) Jammu-Kathua Circle,
Jammu.

No. 6693-97

Dated 26-02-2018

Subject:- Application for Administrative Approval for Widening of Phinter to Billawar road alongwith balance work of Billawar to Sukralla road (Under CRF) Length = 9.025 kms.

Kindly find enclosed the Application for Administrative Approval for the above noted work amounting to Rs.2362.00 Lacs for favour of further necessary action at your end please.

The Application for Administrative Approval has been processed as per instructions of Hon'ble Dy. Chief Minister J&K State.

As such, it is requested that the Application for Administrative Approval may kindly be accorded from the competent authority and communicated to this office for further course of action.

Yours Faithfully,


(Er. Purshotam Kumar)
Executive Engineer
PWD (R&B) Division
Basohli

Encl.....Sets

Copy to the:-

- 1- P.R.O. to Hon'ble Dy. Chief Minister J&K State for favour of information please.
- 2- Chief Engineer PW (R&B) Department Jammu for favour of information please.
- 3- Assistant Executive Engineer PWD (R&B) Sub-Division Billawar for information.
- 4-5- Head Draftsman-Head Clerk for information.

Technical Report

Name of Project:-

Widening of Pinter Billawar road alongwith balance work of Billawar to Sukralla Road under C.R.F.

Total length:-

9.025 Kms.

Authority:-

Hon'ble Deputy Chief Minister, J&K State.

Project Profile:-

The proposed road connects Pinter (a small town on Dhar road) with Sukralla Mata Temple via Billawar (A Sub-Distt. Headquarter of Kathua District). Sukralla Mata Temple is very ancient temple and it is situated in Shivalik Hills at a distance of 16.10 kms from Pinter. No. of pilgrims visit the shrine from throughout the State to pay their obeisance. The pilgrims from other states such as Punjab, Himachal Pradesh, Haryana and Dehli also visit the shrine throughout the year. Recently, Sukralla Mata Shrine Board has been constituted by the State Govt. and the shrine is in the control of this Board. There is also an ancient Shiv Temple at Billawar. Moreover Sukralla Mata temple is surrounded by beautiful mountains and hillocks all around with lush green forests. The area is rich in scenic beauty. *After upgd. of this road, shall be benefitted about 35000 souls.*

The Pinter Billawar Sukralla road is a single lane and is in very dilapidated condition due to the scarcity of funds for maintaining the road. During the last 5/6 years, the traffic on this road has increased manifold. It is pertinent to mention that after constituting Sukralla Mata Shrine Board, the rush of pilgrims has been tremendously increased. So, it is very necessary to upgrade this road to Double-lane specifications to overcome the rush of visitors and pilgrims visiting Billawar and Sukralla Mata Shrine.

After up-gradation of this road, the tourism potential of Billawar and other surrounding areas like Machhedi, Badnota, Lohai, Malhar etc. will also increase. The socio-economic conditions of the people will also improve to a large extent.

The Hon'ble Deputy Chief Minister, J&K State, Dr.Nirmal Kumar Singh has directed for preparation of Detailed Project Report for Improvement / Up-gradation of this road to Double Lane specification under CRF.

Proposals:-

It has been proposed to upgrade the road formation width to 18 mtr. and carriageway of 5.5 mtr. each side of the Median of 1.5 mtr. width in Km. 1st to 7th and 10.00 mtr. formation width and carriageway of 7.0 mtr. in Km. 15th to 16th.

Brief Specification:

a) Earthwork in cutting & RBM Filling:

The road shall be up-graded to achieve the formation width with earth in cutting and RBM filling as per profile of the alignment.

- a) WBM Grade-II = 150mm thick
- b) Wet Mix Macadam = 150mm thick
- c) 50mm thick Bitumen Macadam shall be laid over WBM Grade-III using Hot Mix Plant and Paver finish as per IRC and MORT & H specifications.
- d) 25 mm thick semi dense Bituminous concrete mix shall be laid as per IRC & MORT&H specifications.
- e) Adequate drainage crossings shall be provided at the required locations.
- f) Two No. R.C.C. bridge having span 10.00 mtr. has been proposed in Km. 1st and in Km. 17th.

Time & Cost :- The project cost Rs 2362.00 Lacs and shall be completed in four years subject to the availability of funds and key construction material well in time.

Sd/-
Asstt. Executive Engineer
PWD(R&B) Sub-Division
Billawar


Executive Engineer
PWD(R&B) Division
Basohli

CHECK LIST OF NABARD SCHEMES OF R&B DEPARTMENT

Location:-	Widening of Phinter to Billawar road alongwith balance work of Billawar to Sukralla road (under CRF)
Site Plan / Index Plan.	Index Plan enclosed.
Bar Chart / Typical X-Sections.	Enclosed.
Bar Chart / Bar Chart.	Enclosed.
Estimate Estimates duly signed by the concerned A.E./ A.E.E. / Ex. Engineer.	Enclosed.
General Abstract of Cost / Technical Report with certificate regarding IRC / NABARD specifications duly signed by the Executive Engineer / Superintending Engineer.	Enclosed.
Preliminary drawings of addl. structures if any.	--
Seals are affixed.	YES.
Four copies of project /AAA are made available to the Direction office out of which three copies are to be sent to the Administrative Department.	--
If the road passes through forest involving Forest Land / Trees, then compensation estimates from the Forest Department should be made available with the project.	--
Recording of certificate by the Superintending Engineer Ex. Engineer on the project to the effect that they have inspected the site or satisfied with the proposals kept in the project report.	Enclosed.
Requisition letter for sponsorship from the concerned M.L.A. / M.L.C. of the constituency to which the scheme pertains.	Enclosed.
Letter of endorsement from respective District Development Commissioner.	--

22/5/85
Executive Engineer
PWD (R&B) Division
Basohli

Superintending Engineer
PWD (R&B) Jammu-Kathua Circle
Jammu

CHECK LIST

Name of Project:- Widening of Phinter to Billawar road alongwith balance work of Billawar to Sukralla road (Under CRF).

- | | |
|--|---------------|
| District | Kathua |
| State road Map with indicating district boundaries, National Highways, State Highways, district, Roads, Rural roads or other types roads in different colours, in addition to the roads already approved under the scheme and on-going works under this schemes. | Enclosed |
| Index Map showing the area and proposed road/Bridge. | Enclosed |
| Category of the road proposed to be improved whether State highway or Major district road or otherwise; | O.D.R. |
| Scope of the work incl. the specifications to be adopted in brief; | Yes |
| Length | 9.025 km |
| Estimated cost of the project based on the actual requirement and realistic cost estimate along with an abstract of cost estimate;. | Enclosed |
| Justification of the work for inclusion in the scheme As per Technical Report | |
| Details of last improvement work done on this road and the calendar year in which it was carried out; | N.A |
| Probable starting date; approved | As per scheme |
| Target date of completion; approved | As per scheme |
| A certificate regarding availability of the entire Unencumbered land needed for the project. | Enclosed |

sd/-
Asstt. Executive Engineer
PWD(R&B) Sub-Division
Billawar


Executive Engineer
PWD(R&B) Division
Basohli

CERTIFICATE

Name of Work :- Widening of Phinter to Billawar road alongwith balance work of Billawar to Sukralla road (Under CRF).

The land is free from all encumbrances and is available with PWD/J&K Government and that land acquisition may be required for this project.

1. No original work on the reach as marked in the Index plan has been undertaken in the last three years and no original work has been sanctioned in this reach under any scheme of the State/Central Government.
2. The proposed work is as per IRC/MORT & H Codes/ Specifications and rates are realistic and approved by the Competent Authority in J&K PWD.

sd/-
Asstt. Executive Engineer
PWD(R&B) Sub-Division
Billawar


Executive Engineer
PWD(R&B) Division
Basohli

GENERAL ABSTRACT OF COST

Name of work: Widening of Pithor to Billawar Road along with Balance work of Billawar to Subrauli Road (under CRP)
Length of Road: 9.025 KM

S.No	Description	Qty.	Unit	Rate (in Lacs)	Amount (in Lacs.)
1	Improvement/upgradation of Road (Details as per Annexure A attached)				2015.15
2	RCC T - Beam Bridge 10 m span P/F of sign Boards and Road Markings (Details as per Annexure B Attached)	20	RMT	5.00	100.00
3					124.14
	Total				2239.29
	Add 3% for work charge establishment and contingencies except L/S				67.17
	Add 1% for Cost of devising and Quality				22.39
	Add 1% for quality assurance Except				22.39
	Add 0.5% for Establishment Charges				11.19
	G.Total				2362.44

Say Rs.2362.00 Lacs

sd/-
Assistant Executive Engineer
PwD (R&B) Sub Division
Billawar

sd/-
Executive Engineer
PwD(R&B) Division
Basohli

Name of work:- Widening of Phinter to Biliwar road alongwith Balance work of Biliwar to Sukralia road under CRF.

Name of District - Kathua

Name of District - Kathua																																				
Line Estimate	Enclosed																																			
1 Index map showing the area and the proposed road improvement works.																																				
2 Scope of the work, including the specifications to be adopted in brief, the specifications for roads proposed under this CRF scheme shall be similar to those of national Highways works in terms of pavement width crust thickness and geometrics etc.	1- This Road is a part of route connecting from Dhar Udhampur road. 2- Length of proposed road/bridge 9.025 km 3- Category of road ODR (SB/MDR/ODR) 4- Width of road proposed Km. 1" to 7" = 18m Existing=5.5m Km. 15" to 17" = 10m Existing=6.00m 5- PCU 6000 6- CVPD 300 7- Design Life 10 Years 8- Construction Period 3 years. 9- MSA 10- CBR 7 % 11- Provision as per design Ch 0.000 to 10/100 <table><thead><tr><th>Item</th><th>Design Crust (mm)</th><th>Existing Crust (mm)</th><th>Strengthening</th><th>Widening</th></tr></thead><tbody><tr><td>GSB-(For Widening Portion /New Portion</td><td>--</td><td></td><td>--</td><td>--</td></tr><tr><td>WBM G-II</td><td>150</td><td></td><td>150</td><td>--</td></tr><tr><td>WMM</td><td>150</td><td></td><td>150</td><td>--</td></tr><tr><td>BM</td><td>50</td><td></td><td>50</td><td>--</td></tr><tr><td>SDBC</td><td>25</td><td></td><td>25</td><td>--</td></tr><tr><td>Total</td><td>375</td><td></td><td>375</td><td>--</td></tr></tbody></table> <p>This road is connecting from Dhar Udhampur road Details of work done in last 3 years with calendar year in which it was carried out year March 2015, surface renewal channage</p> <p>Probable starting date- 3 Months from date of sanction of project Probable date of completion- 36 months from date of sanction of project = 2230.30 Lacs Cost of works = 67.17 Lacs Contingencies (3%) = 2305.47 Lacs Sub Total = 22.39 Lacs Cost of devising and quality (1%) = 22.39 Lacs Provision for quality control (1%) = 22.39 Lacs Establishment charges (0.5%) = 11.19 Lacs Total = 2362.44 Lacs (Say Rs.23.62 Crores)</p>	Item	Design Crust (mm)	Existing Crust (mm)	Strengthening	Widening	GSB-(For Widening Portion /New Portion	--		--	--	WBM G-II	150		150	--	WMM	150		150	--	BM	50		50	--	SDBC	25		25	--	Total	375		375	--
Item	Design Crust (mm)	Existing Crust (mm)	Strengthening	Widening																																
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BM	50		50	--																																
SDBC	25		25	--																																
Total	375		375	--																																

1-2
3/10/20

6	A certificate regarding availability of the entire unencumbered land needed for the project.	It is certified that the encumbrance free land is available in the entire length of the proposed road																
7	A certificate that the State Government ensure taking up proper Maintenance and Repair (M&R) of the project roads after it is developed under this scheme.	It is certified that the State Government will take up proper Maintenance / Repair (M&R) of the proposed road after it is developed under this scheme																
8	The project-wise details of previous approved ongoing project, indicating their approved cost dates of approval accorded by the Central Government Technical and Financial sanction accorded by the executive agencies dated of award of works. Status of progress of works (both physical and financial alongwith funds released and pending Utilization Certificates if any alongwith reasons for delay (if any), etc.	<p>Details of ongoing project under CRF as follows:</p> <table border="1"> <tr> <td>1- Name of work:</td> <td>--</td> </tr> <tr> <td>2- Approved cost:</td> <td>--</td> </tr> <tr> <td>3- Ref. of Technical sanction:</td> <td>--</td> </tr> <tr> <td>4- Date and award of work:</td> <td>--</td> </tr> <tr> <td>5- Progress of work- Physical - % age Financial</td> <td>Rs. _____ Crores No ongoing projects</td> </tr> <tr> <td>6- Fund Released:</td> <td>--</td> </tr> <tr> <td>7- Pending utilization certificate:</td> <td>--</td> </tr> <tr> <td>8- Reason for delay (if any):</td> <td>--</td> </tr> </table>	1- Name of work:	--	2- Approved cost:	--	3- Ref. of Technical sanction:	--	4- Date and award of work:	--	5- Progress of work- Physical - % age Financial	Rs. _____ Crores No ongoing projects	6- Fund Released:	--	7- Pending utilization certificate:	--	8- Reason for delay (if any):	--
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6- Fund Released:	--																	
7- Pending utilization certificate:	--																	
8- Reason for delay (if any):	--																	
9	A certificate intimating de-sanctioning of the approved projects which have not been technically and financially sanctioned and accorded within the specified time-line as per sub rule (4) of rule 7 alongwith details thereof and if such projects have not been de-sanctioned already proposal of request for de-sanctioned of such projects accordingly the proposals.	It is certified that no such project under CRF has been De-sanctioned																


Executive Engineer
PWD(R&B) Division
Basohli

Superintending Engineer
PWD(R&B) Jammu-Kathua Circle
Jammu

Chief Engineer
PW(R&B) Department
Jammu

ANNEXURE-A

Name of work: Widening of Phinter to Billawar Road along with Balance work of Billawar to Sukrala Road (under CRF)
Length of Road: 9.025 KM

S.No.	Description	Qty.	Unit	Rate	Amount (in Lacs)
1	Filling of RBM incl; watering and compacting with 80-100kn (Grading III i.e Max aggregate size 25mm) Grannular sub base to specified lines, grades, cross sections incl all leads and lifts .	5000.00	Cum	500.00	25.00
2	Excavation for roadway in soil by mechanical means including cutting and pushing the earth to site of embankment upto a distance of 100 metres (average lead 50 metres), including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections. All Kinds of Soils =70% Ordinary Rock= 20% Hard Rock = 10%	65458.73	Cum	205.50	134.52
3	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (Not exceeding 1.5 mts in width) & for shafts, wells, cesspits & the like not exceeding 10 sqm on plan, depth upto 1.5 mts including disposal of excavated earth upto 50 mts from cutting edge, disposed earth is to be leveled & neatly dressed in all kinds of soil	9480.66	Cum	270.30	25.63
4	Providing and laying in position cement conc. of specified grade incl. the cost of centering and shuttering - All work upto plinth level 1:4:8 (1 cement :4 coarse sand :8 graded stone agg. 40 mm nominal size) Crushed.	1717.07	Cum	4220.00	72.46
5	Providing and laying in position cement conc. of specified grade incl. the cost of centering and shuttering - All work upto plinth level 1:3:6 (1 cement :3 coarse sand :6 graded stone agg. 20mm nominal size) Crushed	10399.98	Cum	4621.00	480.58
6	Providing and laying DPC (coping) 50 mm thick with cement Conc. 1:2:4 (1 cement :2 C.stone:4 graded stone Agg. 20 mm Nominal size) (Crushed)	1286.40	Cum	5350.00	68.82
7	Providing and laying in position specified grade of reinforced cement concrete including the cost of centering, shuttering, finishing and reinforcement all work upto plinth level 1:1.5:3 (1 cement :1.5 coarse sand :3 graded stone agg. 20 mm nominal size)	679.76	Cum	6065.00	41.23
8	Reinforcement for RCC Work incl. straightening, cutting, bending and placing in position all Comp. cold twisted Bar	100621.50	Kg	77.00	77.48
9	Supplying, stacking and spreading good earth at site incl. royalty and carriage complete	3510.00	cum	340.00	11.93
10	Painting with synthetic enamel paint on concrete surface	7800.00	Sqm	111.00	8.66
11	Providing and Laying WBM Grade-II with specified stone agg. stone screening and binding material incl. screening, sorting, spreading to template and consolidation with Power Road Roller of 8 to 10 tonne capacity etc. complete (Payment for stone agg., screenings, kankar, moorum and red bajri etc. to be made				

	separately). Base course with 63mm to 45mm size including stone screening 13.2mm size	9950.06	Cum	1395.00	138.80
12	Providing and Laying Wet Mix Maccadam specified stone agg stone screening and binding material incl. screening, sorting, spreading to template and consolidation with Power Road Roller of 8 to 10 tonne capacity etc. complete	12890.06	Cum	1571.00	202.50
13	Providing and laying 50 mm thick Bituminous macadam base course using Hot Mix Plant and paver finisher including cost of bitumen.	4786.69	Cum	9000.00	430.80
14	Providing and laying 25 mm thick semi dense premix carpet surfacing including cost of bitumen with Hot mix Plant and paver Finisher.	95733.00	Sqm	310.00	296.77
				Total =	2015.15

sd/-
Assistant Executive Engineer
PwD (R&B) Sub Division
Billawar


Executive Engineer
PwD (R&B) Division
Basohli

Detail of quantities for Widening of Phinter to Billawar road under CRF

S.no	Particulars of Item	Qty.		
				5000
1	RBM Filling			65458.7275
2	Earth work			45821.10925
	All kinds of Soils			13091.7455
	Soft Rock			6545.87275
	Hard Rock			
3	Earth work in trenches			
	1 m span RCC culvert (17 m)	2	101.01	202.02
	2 m span RCC culvert (17 m)	2	219.96	439.92
	1 m span RCC culvert (10 m)	4	65.52	262.08
	2 m span RCC culvert (10 m)	5	151.92	759.6
	3 m span RCC culvert (10 m)	1	177.44	177.44
	b/ wall	800	1.95	1560
	R/wall	1000	1.8	1800
	Covered drain (0.9 x 0.9)	1400	1.4	1960
	Pucca Drain	800	0.462	369.6
	Median	6500	0.3	1950
				9480.66
4	PCC 1:4:8			
	1 m span RCC culvert (17 m)	2	17.32	34.64
	2 m span RCC culvert (17 m)	2	50.2	100.4
	1 m span RCC culvert (10 m)	4	11.13	44.52
	2 m span RCC culvert (10 m)	5	18.31	91.55
	3 m span RCC culvert (10 m)	1	22.16	22.16
	b/ wall	800	0.29	232
	R/wall	1000	0.33	330
	Covered drain (0.9 x 0.9)	1400	0.285	399
	Pucca Drain	800	0.091	72.8
	Median	6500	0.06	390
				1717.07
5	PCC 1:3:6			
	1 m span RCC culvert (17 m)	2	106.12	212.24
	2 m span RCC culvert (17 m)	2	185.97	371.94
	1 m span RCC culvert (10 m)	4	69.285	277.14
	2 m span RCC culvert (10 m)	5	126.74	633.7
	3 m span RCC culvert (10 m)	1	109.76	109.76
	b/ wall	800	1.458	1166.4
	R/wall	1000	2.85	2850
	Covered drain (0.9 x 0.9)	1400	0.81	1134
	Pucca Drain	800	0.1685	134.8
	Median	6500	0.54	3510
				10399.98
6	PCC 1:2:4 DPC			
	1 m span RCC culvert (17 m)	2	0.85	1.7
	2 m span RCC culvert (17 m)	2	0.85	1.7
	1 m span RCC culvert (10 m)	4	0.5	2
	2 m span RCC culvert (10 m)	5	0.5	2.5
	3 m span RCC culvert (10 m)	1	0.5	0.5

	b/wall	800		0
	R/wall	1000		0
	Covered drain (0.9 x 0.9)	1400	0.9	1260
	Pucca Drain	800	0.0225	18
				1286.4
7	RCC 1:1.5:3			23.82
	1 m span RCC culvert (17 m)	2	11.91	41.38
	2 m span RCC culvert (17 m)	2	20.69	29.66
	1 m span RCC culvert (10 m)	4	7.415	63.45
	2 m span RCC culvert (10 m)	5	12.69	17.45
	3 m span RCC culvert (10 m)	1	17.45	0
	b/wall	800		0
	R/wall	1000		0
	Covered drain (0.9 x 0.9)	1400	0.36	504
	Pucca Drain	800		0
				679.76
8	STEEL			2977.5
	1 m span RCC culvert (17 m)	2	1488.75	6201
	2 m span RCC culvert (17 m)	2	3100.5	3708
	1 m span RCC culvert (10 m)	4	927	9517.5
	2 m span RCC culvert (10 m)	5	1903.5	2617.5
	3 m span RCC culvert (10 m)	1	2617.5	0
	b/wall	800		0
	R/wall	1000		0
	Covered drain (0.9 x 0.9)	1400	54	75600
	Pucca Drain	800		0
				100621.5
9	Earthwork in filling			3510
	Median	6500	0.54	
10	Painting			7800
	Median	6500	1.2	
9	WBM Gr II			49000
	Phinter Billawar	7000	7	14175
	Balance of Billawar sukraila	2025	7	3158.75
	Add 5% for curves	63175	0.05	66333.75
	for 150mm thickness	66333.75	0.15	9950.0625
10	Wet Mix Maccadam			49000
	Phinter Billawar	7000	7	14175
	Balance of Billawar sukraila	2025	7	3158.75
	Add 5%	63175	0.05	
	Add Extra 40% for existing surface on Phinter Billawar road	49000	0.4	19600
	For 150mm thickness	85933.75	0.15	12890.0625
11	BM 50 MM Thick			77000
	Phinter Billawar	7000	11	14175
	Balance of Billawar sukraila	2025	7	

Add 5% for curves	91175	0.05	4558.75
For 50 mm Thickness	95733.75	0.05	95733.75
Q2 SDBC 25 MM Thick			4786.6875
Printer Billawar	7000	11	77000
Balance of Billawar sukralia	2025	7	14175
Add 5% for curves	91175	0.05	4558.75
			95733.75
For 25 mm Thickness	95733.75	0.025	2393.34375

sd/
Assistant Executive Engineer
Pwd (R&B) Sub Division
Billawar


Executive Engineer
Pwd (R&B) Division
Basohli

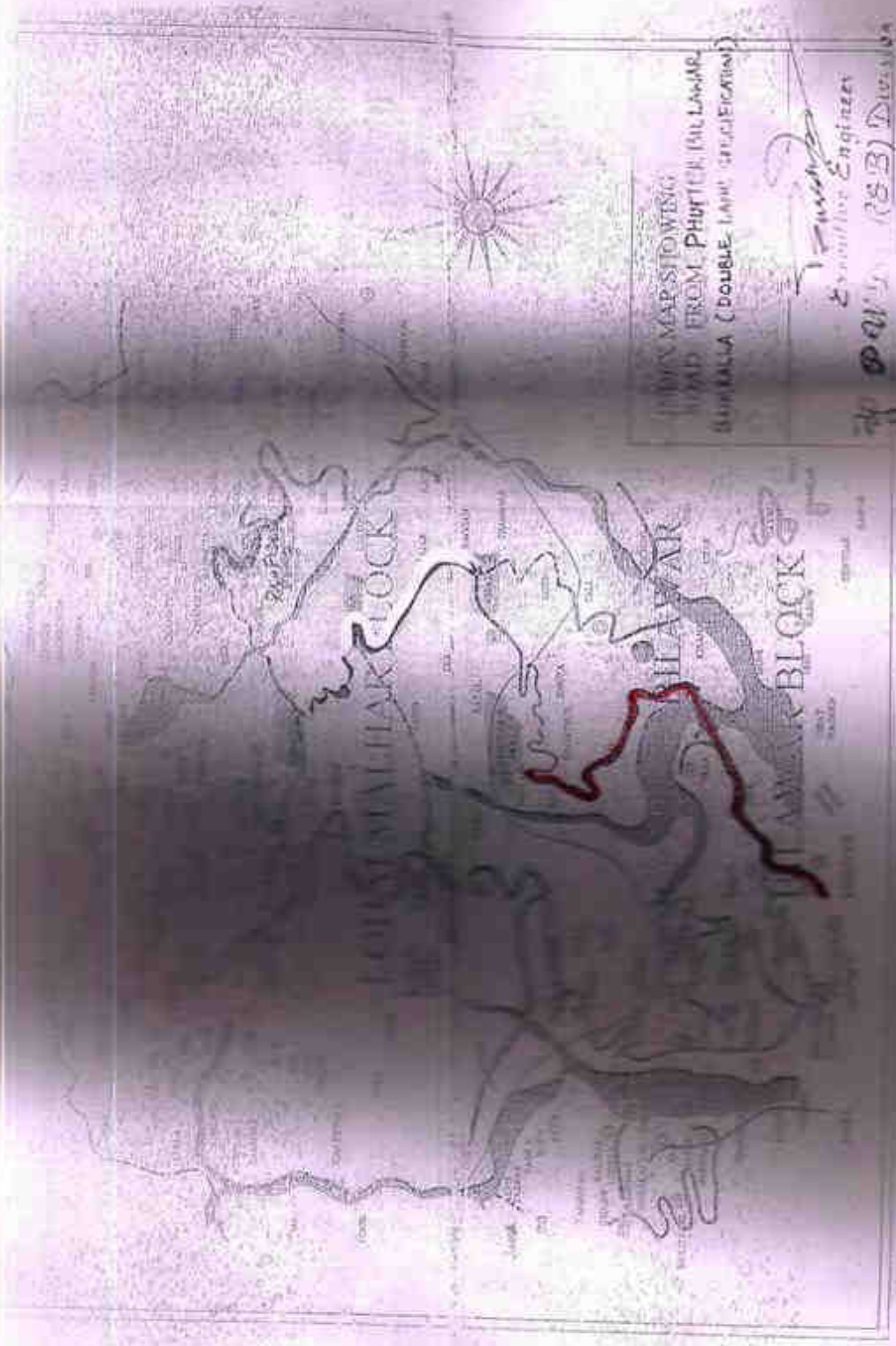


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P. J. Murphy

SHOWN PROPOSED ROAD FROM BILLAWAR TO SUKRALLA
(DOUBLE LANE)





INDIAN MAP SHOWING
ROAD FROM PHUTTER (HILAWAR)
MUMBALLA (DOUBLE LAKE) (SUGIERGATI)

W. S. S. S.
Civil Engineer
P.W.D. (R.B.) Division
Bhatnagar

W. S. S. S.
Civil Engineer
P.W.D. (R.B.) Division
Bhatnagar

