



GOVERNMENT OF BIHAR

NAME OF WORK- Restoration work of road & Culvert in road Khjauli to Sutiha via Maheshiya, Khirkiya

(FDR PART-A)

Length-2.70km

BLOCK-DARIYAPUR

DETAILED PROJECT REPORT

UNDER FDR(2245)

ESTIMATED COST

Rs-9.991 lacs

..PREPARED BY :-
EXECUTIVE ENGINEER
RWD(W) DIVISION
SONPUR

Inspection Report for Flood damage work

Date:

1. Name of PIUs- R.W.D (W) Div Sonpur

2. Name of Block/Road- Daryapur, Khagauli to Sathia via Maheshpur
Kharkeys

A. For Road

1. Damage Location/Chainage : Daryapur CH-1350-13500, Ch-14000-14000, CH-15000-15000
2. Damage Length : 284m
3. Nature of Damage : Road washed with G.R. 1000 G.R. 1000
4. Details of Restoration :
i Material being used in Restoration : No
ii Equipment/Tools being used in Restoration works : No
iii Procedure taken up in Restoration works : Filling the ditch with broken bricks and laying G.R. 1000 G.R. 1000
iv Restored Length : 284m

B. For Bridge

1. Damage Location/Chainage :
2. Damage Length :
3. Nature of Damage :
4. Details of Restoration :
i Material being used in Restoration :
ii Equipment/Tools being used in Restoration works :
iii Procedure taken up in Restoration works :
iv Restored Length :

Signature of JE/AE/EE

Signature

(Name of Inspector)

10/11/20
S.C.
10.12.20
A.B.

13/11/20

प्रमंडल का नाम: ग्रामीण कार्य विभाग, कार्य प्रमंडल सोनपुर

कार्य का नाम:- सारण जिला अन्तर्गत दरियापुर प्रखंड में खजौली से सुतिहार,भाया महेशिया, खिड़किया पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्ण:स्थापन कार्य।

पथ की कुल लम्बाई:- 2.7कि०मी०

क्षतिग्रस्त पथ की लम्बाई:- 284मी०

प्राक्कलित राशि:-9.991 लाख

प्रतिवेदन

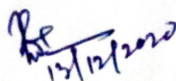
यह प्राक्कलन सारण जिला अन्तर्गत दरियापुर प्रखंड में खजौली से सुतिहार,भाया महेशिया, खिड़किया पथ का बाढ़ से क्षतिग्रस्त (FDR) पथांश का पूर्ण:स्थापन कार्य का प्राक्कलन का तैयार किया गया है। इस वर्ष अत्यधिक वाढ़ आने के कारण Ch-1200M से Ch-1600m पथांश पानी में कई दिनों तक डुबे रहने के कारण पथ बिल्कुल क्षतिग्रस्त हो गया। पथ में CH- 1480मी० से CH-1486मी०, CH-1500मी०-से CH-1520मी०, एवं CH-1650मी० से CH 1568 मी० में बाढ़ के पानी का अधिक Current रहने के कारण पथ में भारी कटाव हुआ है। साथ ही साथ पानी में भी पथ से भारी वाहनों के आवागमन होने के कारण पथ में कई स्थानों पर एक फीट से डेढ़ फीट गहरा कई pot holes बन गये हैं, जिसके कारण पथ से आवागमन दुष्कर हो गया है।

प्रस्तावित प्राक्कलन में पथ के कटे हुए पथांश में Brick Bats से भरकर एवं Pot holes को आवश्यकतानुसार GSB एवं उसके उपर WBM Gr2 WBM Gr3 का प्रावधान किया गया है।

यह प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है, जिसकी स्वीकृति आपेक्षित है।


कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा दरियापुर


10.12.20
सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल दरियापुर

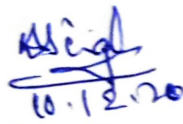

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, सोनपुर

Restoration work of road & Culvert in road Khjauli to Sutihar via Maheshiya,
Khirkiya

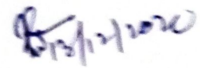
th of road-	
ABSTRACT OF COST	
Cost of Emergent repair of road & Bridge	Rs. 884,127.44
Id 1% Labour Cess	Rs. 8,841.27
Id 12% GST	Rs. 106,095.29
Total	Rs. 999,064.01
Say	Rs. 99,100.00


10.12.20

Junior Engineer
WD(W) Daryapur

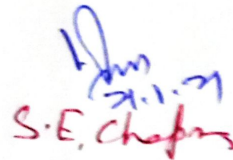

10.12.20

Assistant Engineer
RWD(W) sub division Daryapur


10.12.20

Executive Engineer
RWD(W) DIV
Sonpur

T/A Approved for Rs. 0.771 Lakh (Rs. Ninty Nine thousand one hundred only)


21.1.21
S.E. Chapra

Restoration work of road & Culvert in road Khjauli to Suti har via Maheshiya, Khirkiya

Item of work	Nos	Length	width	Height	Quantity	unit	Rate	Amount
Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry								
600 mm dia	3	2.5			7.5	m	2,586.06	19395.4845
Providing and laying Brick Bats								
Placing tractor at loading point, loading with front end loader umpong, turning for return trip excluding time for haulage and return trip.								
CH-11480M to CH-1486M	1	6.00	5.80	0.60	3.48			
CH-1500M to CH-1520M	1	20.00	6.00	1.45	174.00			
CH-1560M to CH-1568M	1	8.00	5.50	1.20	52.80			
					230.28	cum	1949.55	448942.69
Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5								
CH-11480M to CH-1486M	2	15	1.25	1.1	41.25			
CH-1500M to CH-1520M	2	30	1.75	0.9	94.50			
CH-1560M to CH-1568M	1	50	1.8	1.3	117.00			
					252.75	cum	230.65	58297.91
Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100 kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401								
CH-1350M to CH-1356M	1	6.00	4.05	0.15	3.65	cum		
CH-1400M to CH-1408M	1	8.00	4.05	0.15	4.86			
CH-1550M to CH-1570M	1	20.00	4.05	0.15	12.15			
					20.66	cum	2739.81	56590.78
WBM Grading 2								

Restoration work of road & Culvert in road Khjauli to Sutiher via Maheshiya, Khirkiya

Item of work	No	Length	width	Height	Quantity	unit	Rate	Amount
Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.								
CH-1480M to CH-1486M	1	6.00	3.75	0.075	1.69			
CH-1500M to CH-1520M	1	8.00	3.75	0.075	2.25			
CH-1560M to CH-1568M	1	20.00	3.75	0.075	5.63			
					9.56	cum	4906.80	46921.28
WSM Grading 3								
Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.								
CH-250M to CH-300M	1	50.00	1.80	0.075	6.75			
CH-500M to CH-530-M	1	30.00	3.75	0.075	8.44			
CH-1250-M to CH-12610M	1	61.00	1.75	0.075	8.01			
CH-1350M to CH-1356M	1	6.00	3.75	0.075	1.69			
CH-1480M to CH-1486M	1	8.00	3.75	0.075	2.25			
CH-1500M to CH-1590M	1	90.00	3.75	0.075	25.31			
					52.44	cum	4842.89	253979.31
								Rs. 884,127.44

[Signature]
10/12/20
Junior Engineer
RWD(W) Daryapur

[Signature]
10.12.20
Assistant Engineer
RWD(W) sub division
Daryapur

[Signature]
10/12/20
Executive Engineer
RWD(W) DiV Sonpur