



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

NATIONAL HIGHWAYS AUTHORITY OF INDIA

(Ministry of Road Transport and Highways, Govt. of India)

क्षेत्रीय कार्यालय \ REGIONAL OFFICE

ई-2/167, अरेरा कॉलोनी, हबीबगंज रेलवे स्टेशन के पास, भोपाल (म.प्र.) 462 016

E-2/167, Arera Colony, Near Habibganj Railway Station, Bhopal (M.P.)-462 016

दूरभाष/Phone : 0755-2426638, फैक्स/Fax : 0755-2426698, ई-मेल/E-mail : robhopal@nhai.org



भारतमाला
भारत की राह पर उत्थान
BHARATMALA
ROAD TO PROSPERITY

NHAI/RO-MP/CHHIN/CANAL/2021/44241

Date: 14.09.2021

Invitation of Public Comments

विषय: छिंदवाड़ा नागपुर मार्ग पर ग्राम पारडसिंगा के पास गोंडीवडोना जलाशय की नहर क्रॉस करने हेतु अनुमति वादत्।

- संदर्भ: (1)PD, PIU-Chhindwara letter no. CHW/10011/Paradsingha- Canal Crossing/2021/4198 dated: 03.08.2021
(2) कार्यालय कार्यपालन यंत्री जल संसाधन संभाग छिंदवाड़ा का पत्र क्रमांक/2021/कार्य/2018 दिनांक 26/07/2021
(3) कार्यालय कार्यपालन यंत्री जल संसाधन संभाग छिंदवाड़ा का पत्र क्रमांक/2002/कार्य/2018 दिनांक 08/08/2018
(4) इस कार्यालय का पत्र क्रमांक भा.रा.रा.प्र./क्षे.का-क्रासिंग/2018/31859 दिनांक 18/07/2018
(5) प.कि.इ. कार्यालय का पत्र क्रमांक CHW/10011/6/Misc. Admin.Corr Jal Snshadhan/2012/13212 dated 28/05/2018
(6) कार्यालय कार्यपालन यंत्री जल संसाधन संभाग छिंदवाड़ा का पत्र क्रमांक/2002/कार्य/2018 दिनांक 24/05/2018

The Project Director, PIU-Chhindwara NHAI vide their letter dated 03.08.2021 has submitted the Proposal Regarding permission to cross the canal of Gondivdona reservoir near village Paradsingha on Chhindwara Nagpur road.

2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016, the Highways Administrator will make available the proposal seeking permission for utility laying for public comments for **30 days** on ground of public interest.

3. In view of the above the comments of public are invited on captioned proposal (copy of application is enclosed) and the same should reach to below mentioned address till **13.10.2021** beyond which no comments will be considered.

The Highway Administrator
O/o Regional Officer,
National Highways Authority of India
E-2/167, Arera Colony,
Near Habibganj Railway Station,
Bhopal (MP)-462016
E-mail ID:robhopal@nhai.org

4. This issues with the approval of Highways Administrator Cum Regional Officer, NHAI, Bhopal (MP).

Anand Prasad
(Anand Prasad)
Manager (T)

Copy to:

- (i) Web-Admin, nhai.org@gmail.com, NHAI-HQ for uploading on NHAI website.
(ii) The Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's Website.
(iii) The Project Director, PIU-Chhindwara (MP) for information please.
(iv) कार्यालय कार्यपालन यंत्री, जल संसाधन संभाग छिंदवाड़ा, की ओर सूचनार्थ प्रेषित।



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना क्रियान्वयन इकाई छिन्दवाड़ा / Project Implementation Unit Chhindwara

एच.नं. 84, पॉलीथिन फैक्ट्री के बाजू में, स्वर्ण जयन्ती नगर, खजरी रोड, फ्रेंड्स कॉलोनी, छिन्दवाड़ा म.प्र. 480001

H.No. 84, Beside Polythene Factory, Swarna Jayanti Nagar, Khajri Road, Near Friends Colony, Chhindwara (M.P.) 480001

दूरभाष/Phone : 07162-292880
फैक्स/Fax : 07162-292880
ई-मेल/E-MAIL: chhindwara@nhai.org
वेबसाइट/Website : www.nhai.org



CHW/10011/Paradsingha- Canal Crossing/2021/4198

Dated.03.08.2021

मुख्य महाप्रबंधक (तक.) / क्षेत्रीय अधिकारी,

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण।

E-2/167, अरेरा कॉलोनी,

हबीबगंज रेलवे स्टेशन के पास, भोपाल-462046 (म.प्र.)।

विषय: छिंदवाड़ा नागपुर मार्ग पर ग्राम पारडसिंगा के पास गोंडीवडोना जलाशय की नहर क्रॉस करने हेतु अनुमति बावत।

- संदर्भ:** (1) कार्यालय कार्यपालन यंत्री जल संसाधन संभाग छिंदवाड़ा का पत्र क्रमांक /2021/कार्य/2018 दिनांक 26/07/2021
(2) कार्यालय कार्यपालन यंत्री जल संसाधन संभाग छिंदवाड़ा का पत्र क्रमांक /2002/कार्य/2018 दिनांक 08/08/2018
(3) भा.रा.रा.प्रा./क्षे.का-क्रासिंग/2018/31859 दिनांक 18/07/2018
(4) इस कार्यालय का पत्र क्रमांक CHW/10011/6/Misc. Admin.Corr Jal Snshadhan/2012/13212 dated 28/05/2018
(5) कार्यालय कार्यपालन यंत्री जल संसाधन संभाग छिंदवाड़ा का पत्र क्रमांक /2002/कार्य/2018 दिनांक 24/05/2018

महोदय

विषयांतर्गत लेख है कि संदर्भ (5) के माध्यम से राष्ट्रीय राजमार्ग क्रमांक 547 के कि.मी. 16.740 पर क्रॉस करने हेतु नहर के Pipe Culvert की डिजाईन, ड्राईंग एवं वचन पत्र को संलग्न करते हुये प्रस्ताव अनुमोदन की कार्यवाही हेतु इस कार्यालय में कार्यापालन यंत्री, जल संसाधन संभाग छिंदवाड़ा, द्वारा प्रस्तुत की गई।

उक्त प्रस्ताव को इस परियोजना के पर्यवेक्षण सलाहकार, मेसर्स आरव्ही ऐसोसिएट्स प्रा.लि. से निरीक्षण एवं सहमति उपरांत आपके कार्यालय को पत्र दिनांक 28/05/2018 द्वारा अग्रिम कार्यवाही हेतु प्रेषित किया गया था।

आपके कार्यालय द्वारा प्रस्ताव का परीक्षण किये जाने उपरांत पाई गई कमियों का बिन्दुवार टिप्पणी प्रस्तुत करने हेतु पत्र दिनांक 18/07/2018 द्वारा लेख किया गया था।

कार्यपालन यंत्री, जल संसाधन संभाग छिंदवाड़ा का पत्र दिनांक 08/08/2018 द्वारा बिन्दुवार टिप्पणी इस कार्यालय को प्रेषित किया गया तथा पुनः पत्र दिनांक 26/07/2021 द्वारा भा.रा.रा.प्रा. मुख्यालय नई दिल्ली के पॉलिसी क्रमांक Technical (71/2010) दिनांक 04/01/2011 के अनुसार कुल वांछित शुल्क 72,291/- रुपये जमा करने की सहमति हेतु प्रेषित किया गया जो इस पत्र के साथ संलग्न है।

अतः उक्त के संदर्भ में लेख है कि प्रस्ताव को कार्यपालन यंत्री द्वारा जमा की गई बिन्दुवार टिप्पणी के साथ पुनः आपकी ओर अग्रिम कार्यवाही हेतु प्रेषित है।

संलग्न:- यथोपरि।

भवदीय

(Signature)

(विपीन मंगला)

परियोजना निदेशक

प्रतिलिपि:

- (1) रेसीडेंट इंजिनियर, (पैकेज-1) मेसर्स लायन इंजिनियरिंग कंस्ट्रक्ट प्रा.लि. छिंदवाड़ा की ओर सूचनार्थ प्रेषित।
- (2) कार्यपालन यंत्री, जल संसाधन संभाग छिंदवाड़ा, की ओर सूचनार्थ प्रेषित।
- (3) श्री विजय चौर, माननीय वर्तमान विधायक विधानसभा क्षेत्र-125 सौसर, जिला-छिंदवाड़ा म.प्र. की ओर सूचनार्थ प्रेषित।

कार्यालय कार्यपालन यंत्री जल संसाधन संभाग छिंदवाड़ा

E-mail ID :- ee.wrdn.cdw@mp.gov.in

क्रमांक/ 2021

/कार्य/2021/

छिंदवाड़ा दिनांक 26/07/2021

प्रति,

प्रोजेक्ट मैनेजर परियोजना कियान्वयन ईकाई
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण खजरी रोड
छिंदवाड़ा

विषय :- छिंदवाड़ा नागपुर मार्ग पर ग्राम पारडसिंगा के पास गोंडीवडोना जलाशय की नहर काँस करने हेतु अनुमति बाबत।

संदर्भ :- 1. क्षेत्रीय कार्यालय भारतीय राष्ट्रीय राजमार्ग प्राधिकरण भोपाल का पत्र क्र. भा.रा.रा.प्रा./क्षे.का. म.प्र./क्रासिंग/2018/31859 भोपाल दिनांक 18.07.2018
2. अनुविभागीय अधिकारी जल संसाधन उपसंभाग साँसर द्वारा प्रोजेक्ट मैनेजर परियोजना कियान्वयन ईकाई भारतीय राष्ट्रीय राजमार्ग प्राधिकरण खजरी रोड छिंदवाड़ा से दिनांक 07.07.2021 को की गई चर्चा।

—00—

उपरोक्त विषयान्तर्गत संदर्भित पत्र क्र.-2 के परिपेक्ष्य में लेख है कि, अनुविभागीय अधिकारी जल संसाधन उपसंभाग साँसर द्वारा प्रोजेक्ट मैनेजर एन.एच.ए.आई. कार्यालय छिंदवाड़ा में दिनांक 07.07.2021 को उपस्थित हुए थे। जिसमें छिंदवाड़ा नागपुर मार्ग पर ग्राम पारडसिंगा के पास गोडीवडोना जलाशय की नहर क्रासिंग करने हेतु अनुमति मिलने बाबत चर्चा की गई थी उसी परिपेक्ष्य में अनुमति हेतु प्रकरण पुनः चार प्रतियों में आवश्यक कार्यवाही हेतु संप्रेषित हैं।

संदर्भित पत्र क्र. 1 के बिन्दू क्र. 2, 3, 4 एवं 7 के अनुसार स्ट्रक्चर की लागत राशि रुपये 4.41 लाख के अनुसार मांगी गई राशि का विवरण निम्नानुसार हैं।

2. अनुमोदन स्वीकृति शुल्क

$$1.5 \times 36 = 54 \text{ Sqm. } 54 \times 1400 = 75,600$$

$$6\% \text{ of } 75,600 = 4,536 \text{ or } 10,000$$

— 10,000.00 /—

3. प्लान एवं एस्टीमेशन शुल्क (2 प्रतिशत * 4.41 लाख)

— 8,820.00 /—

4. पर्यवेक्षण शुल्क (3.125 प्रतिशत * 4.41 लाख)

— 13,781.25 /—

7. मरम्मत शुल्क (3 प्रतिशत/वाषिक * 4.41 लाख * 3 वर्ष)

39,690.00 /—

कुल:-

72,291.00 /—

मरम्मत हेतु आबंटन वार्षिक आता है अतः आगामी राशि 3 वर्ष उपरान्त जमा की जा सकेगी। उपरोक्त राशि जमा करने हेतु आवश्यक जानकारी (खाता संख्या/माध्यम) से इस कार्यालय को उपलब्ध कराने का कष्ट करे।

सादर सूचनार्थ संप्रेषित।

सहपत्र :-1. प्रकरण चार प्रतियों में सम्पूर्ण पत्राचार सहित।

2. टी.एस. लेटर

(एस.एस.मोकासदार)

कार्यपालन यंत्री

जल संसाधन संभाग

छिंदवाड़ा

प्रतिलिपि:- (1) मुख्य अभियंता बैनगंगा कछार जल संसाधन विभाग सिवनी की ओर सादर सूचनार्थ संप्रेषित।

(2) अधीक्षण यंत्री जल संसाधन मंडल छिंदवाड़ा की ओर सादर सूचनार्थ संप्रेषित।

(3) अनुविभागीय अधिकारी जल संसाधन उपसंभाग साँसर की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित। आपको निर्देशित किया जाता है कि संबंधित कार्यालय में उपस्थित होकर अनुमति प्राप्त करने हेतु आवश्यक कार्यवाही की जाना सुनिश्चित करें।

सहपत्र:- शून्य।

(एस.एस.मोकासदार)

कार्यपालन यंत्री

जल संसाधन संभाग

छिंदवाड़ा

OFFICE OF THE EXECUTIVE ENGINEER
WATER RESOURCES DIVISION CHHINDWARA

- 1- Sanctioned Estimate No. :- 21/EE/WRD/CWA/2017-22
- 2- Name of Estimate :- The Technical Section to the detailed Estimate For Construction of D.R.B. of Minor canal at R.D. 1335M Corssing NH Road of GodiBadona Tank.
- 3- Amount of Estimate :- Rs. 4.41 Lakh.
- 4- Major Head :-
- 5- Sub Head :- Gr.no. 45/4702
- 6- Minor Head :-
- 7- Sanctioned for Rs. :- Rs. 4.41 Lakh. (Rs. Four lakhs Forty one Thousand Only.)

(S.S.Mokasdar)
Executive Engineer
Water Resources Division
Chhindwara (M.P.)

Endt. No. 2017 / W / Chhindwara /

Date 26/07/21

Copy to :-

- 1- The Chief Engineer, Wainganga Basin, Water Resources Deptt. Seoni.
 - 2- The Accountant General, Madhya Pradesh, Bhopal
 - 3- The Superintending Engineer, Water Resources Circle, Chhindwara.
 - 4- The Sub Divisional Officer, Water Resources Sub Division Sausar / Tamia / Pandhurna / Amarwara / KTP Canal No. 2 Sub dn/ R & R Sub dn Singna.
- For information with reference to his office Memo No.

T.S. / Dated

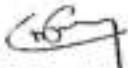
(S.S.Mokasdar)
Executive Engineer
Water Resources Division
Chhindwara (M.P.)

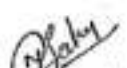
1002 02
CIR 20020

ABSTRACT OF THE COST OF THE ROAD WORKS FOR THE VILLAGE					
MADHURGA					
S. No.	USCR NO.	ITEM	Qty	Rate/Unit	Amount
1	401 (b) / wrd	Excavation in hard soil including 50m lift & 1.5m lift with dressing	151.72 ✓	26.00 ✓	3944.81 ✓
		1) Excavation for wing wall RL 90.28 to RL 88.77			
		2) For pipe carriage way & shoulder RL 91.98 to RL 89.27			
		3) RL 90.28 to RL 89.27			
2	715 c / wrd	Cement Concrete 1:2:4 with graded metal of msa 20mm including mech. vibrat - extra rate for black trip bucket	67.22 ✓	2370.80 ✓	159373.15 ✓
		1) Wing wall RL 88.77 to RL 88.92			
		2) RL 88.92 to RL 91.02			
		3) RL 91.02 to RL 91.32			
		4) Around pipe RL 89.27 to RL 90.77			
3	9.2 / pwd 2017	Laying Reinforced Cement Concrete Pipe NP4/prestrssed concrete pipe on first class bedding in single row. Providing and Laying Reinforced cement concrete pipe NP4/prestrssed concrete pipe for culverts on first class bedding of granular material (cost of bedding included) in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets.	36.00 ✓	5668.00 ✓	204048.00 ✓
		A 1000 mm dia			
4	3.10 / pwd 2017	Embankment Construction with Material Obtained from Borrow Pits: Construction of embankment with approved material having CBR>7 obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-1, 300-2 and as per relevent clauses of section-300	44.01 ✓	144.00 ✓	6337.49 ✓
		Deduct Pipe portion			

5	4.1 / mrrds 2017	Granular Sub-base with 100% Screened Material (CEM 20 or more) (Table 400.1) Construction of granular sub-base by providing well graded material having CEM = 20, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory rollers of 80 to 100 kN static weight to achieve the desired density, complete as per Technical Specification Clause 401 for gradings mentioned in table 400.1 A) Crushed stone materials	20.00 ✓	958.00 ✓	19160.00 ✓
6	4.11 / pwd 2017	Wet Mix Macadam : Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density in accordance to Table No. 400-12, 400-13 and as per clause of section 406 of specifications.	23.00 ✓	1261 ✓	29003 ✓
7	5.1 / mrrds 2017	Prime coat : Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.75 kg/sqm using mechanical means as per clause 502 of specifications.	100.00 ✓	32 ✓	3200 ✓
8	5.2 / pwd 2017	Providing and applying tack coat with cationic bitumen emulsion (RS-1) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per relevant clauses of section-503 of specifications. (i) @ 0.25 kg per sqm (normal bituminous surfaces)	100 ✓	12 ✓	1200 ✓

		Close Graded Premix Surfacing (M/A of Soil Surfacing) (Mechanical means using 11.2 of appropriate capacity not less than 25 tonnes / hour.)			
9	5.9 / pwd 2017	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) or 13.2 mm to 0.09 mm (Type-B) aggregates using penetration grade bitumen to the required line, grade and level to mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8-10 tonne capacity & finishing to required level and grade all complete as per clause 508 of specifications. a) with 60/70 bitumen (VG-30)	100.00	148	14800
Total =					441066.45
Say			RS.	4.41 lacs	


(Md. Falyaz Khan)
Sub Engineer


(Nitesh Sahu)
Sub Divisional Officer
Water Resources Sub Dn. Sausar


(S. S. Mokasdar)
Executive Engineer
Water Resources Division Chhindwara

The technical sanction to the detailed estimate for const of D.R.B of minor canal at R.D. 1335m crossing road of Gedi Badoni Taluk an amount of 4.41 lakh (441066.45) is hereby recommended.



**DETAILED ESTIMATE OF THE COST OF THE WORKS TO BE DONE AT VILLAGE
TANAKPARA**

ITEM NO.	ITEM	Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount
401 (b) / wrd	Excavation in hard soil including 50m lift & 1.5m lift with dressing								
	1) Excavation for wing wall RL 90.28 to RL 88.77	2.00	6.80	1.40	1.51	28.75	cum		
	2) For pipe carriage way & shoulder RL 91.98 to RL 89.27	1.00	26.50	1.50	2.71	115.85	cum		
	3) RL 90.28 to RL 89.27	2.00	2.35	1.50	1.01	7.12	cum		
	Total :-					151.72	cum		
715 c / wrd	Cement Concrete 1:2:4 with graded metal of msa 20mm								
	1) Wing wall RL 88.77 to RL 88.92	2.00	6.80	1.40	0.15	2.86	cum		
	2) RL 88.92 to RL 91.02	2.00	6.50	(1.25+0.40)/2	2.10	22.52	cum		
	3) RL 91.02 to RL 91.32	2.00	6.50	0.40	0.30	1.56	cum		
	4) Around pipe RL 89.27 to RL 90.77	1.00	36.00	1.50	1.50	81.00	cum		
	Total :-					107.94	cum		
	Deduct pipe portion	-1.00	36.00	0.79	1.2*2	-40.72	cum		
	Net Qty :-					67.22	cum		
9.2 / pwd 2017	Laying Reinforced Cement Concrete Pipe NP4/prestressed concrete pipe on first class bedding in single row. Providing and Laying Reinforced cement concrete pipe NP4/prestressed concrete pipe for culverts on first class bedding of granular material (cost of bedding included) in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets.								
	A 1000 mm dia	1.00	36.00			36.00	sqm		
3.17 / pwd 2017	Embankment Construction with Material Obtained from Borrow Pits: Construction of embankment with approved material having CBR>7 obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-1, 300-2 and as per relevant clauses of section-300.								
		1.00	15.00	1.50	2.71	60.98	cum		
	Deduct Pipe portion	-1.00	15.00	0.79	1.44	-16.96	cum		
	Total :-					44.01	cum		
4.1 / mprda 2017	Granular Sub-base with Well Graded Material (CBR 20 or more) (Table 400.1)								
	Construction of granular sub-base by providing well graded material having CBR >= 20, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory rollers of 80 to 100 kN static weight to achieve the desired density, complete as per Technical Specification Clause 401 for gradings mentioned in table 400.1								
	A) Crushed stone materials	1.00	10.00	10.00	0.20	20.00	cum		

4.11 / mppwd 2017	Mix Bitumen : Providing, hygroscopic and dry, setting graded stone aggregate to achieve mechanical specification including providing the material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density in accordance to Table No. 400-12, 400-13 and as per clause of section 406 of specifications.						
		1.00	10.00	10.00	0.23	23.00	cum
5.1 / mppwd 2017	Prime coat : Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.75 kg/sqm using mechanical means as per clause 502 of specifications.						
		1.00	10.00	10.00	-	100.00	sqm
5.2 / mppwd 2017	Providing and applying tack coat with cationic bitumen emulsion (RS-1) using emulsion pressure distributor on the prepared bituminous/granular surface cleaned with mechanical broom and as per relevant clauses of section-503 of specifications.						
	(i) @ 0.25 kg per sqm (normal bituminous surfaces)	1	10	10	-	100	sqm
5.9 / mppwd 2017	Close Graded Premix Surfacing/Mixed Seal Surfacing : (Mechanical means using HMP of appropriate capacity not less than 75 tonnes /hour.)						
	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.09 mm (Type-A) or 13.2 mm to 0.09 mm (Type- B) aggregates using penetration grade bitumen to the required line, grade and level to mixing in a suitable plant, laying and rolling with a Smooth wheeled roller 8- 10 tonne capacity & finishing to required level and grade all complete as per clause 508 of specifications.						
	a) with 60/70 butumen (VG-30)	1.00	10.00	10.00	-	100.00	sqm


 (Md. Falyaz Khan)
 Sub Engineer


 (Nitish Sahu)
 Sub Divisional Officer
 Water Resources Sub Div. Sausar

OFFICE OF THE EXECUTIVE ENGINEER
WATER RESOURCES DIVISION CHHINDWARA

- 1- Sanctioned Estimate No. :- 21/EE/WRD/(W)/2017-22
- 2- Name of Estimate :- The Technical Section to the detailed Estimate For Construction of D.R.B. of Minor canal at R.D. 1335M Corssing NH Road of GodiBadona Tank.
- 3- Amount of Estimate :- Rs. 4.41 Lakh.
- 4- Major Head :-
- 5- Sub Head :- Gr.no. 45/4702
- 6- Minor Head :-
- 7- Sanctioned for Rs. :- Rs. 4.41 Lakh. (Rs. Four lakhs Forty one Thousand Only.)

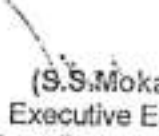

(S.S. Mokasdar)
Executive Engineer
Water Resources Division
Chhindwara (M.P.)

Endt. No. 2017 / W / Chhindwara /
Copy to :-

Date 26/07/21

- 1- The Chief Engineer, Wainganga Basin, Water Resources Deptt. Seoni.
 - 2- The Accountant General, Madhya Pradesh, Bhopal
 - 3- The Superintending Engineer, Water Resources Circle, Chhindwara.
 - 4- The Sub Divisional Officer, Water Resources Sub Division Sausar / Tamia / Pandhurna / Amarwara / KTP Canal No. 2 Sub dn/ R & R Sub dn Singna.
- For information with reference to his office Memo No.

T.S. / Dated


(S.S. Mokasdar)
Executive Engineer
Water Resources Division
Chhindwara (M.P.)

K. S. OLIN

SHOWING MINOR CANAL CROSSING TO NH 547 km 16

Canal Crossing Point.

NW 1/4
km.

17+100

70+000

NH 547

70+360

16+740

71+000

16+100



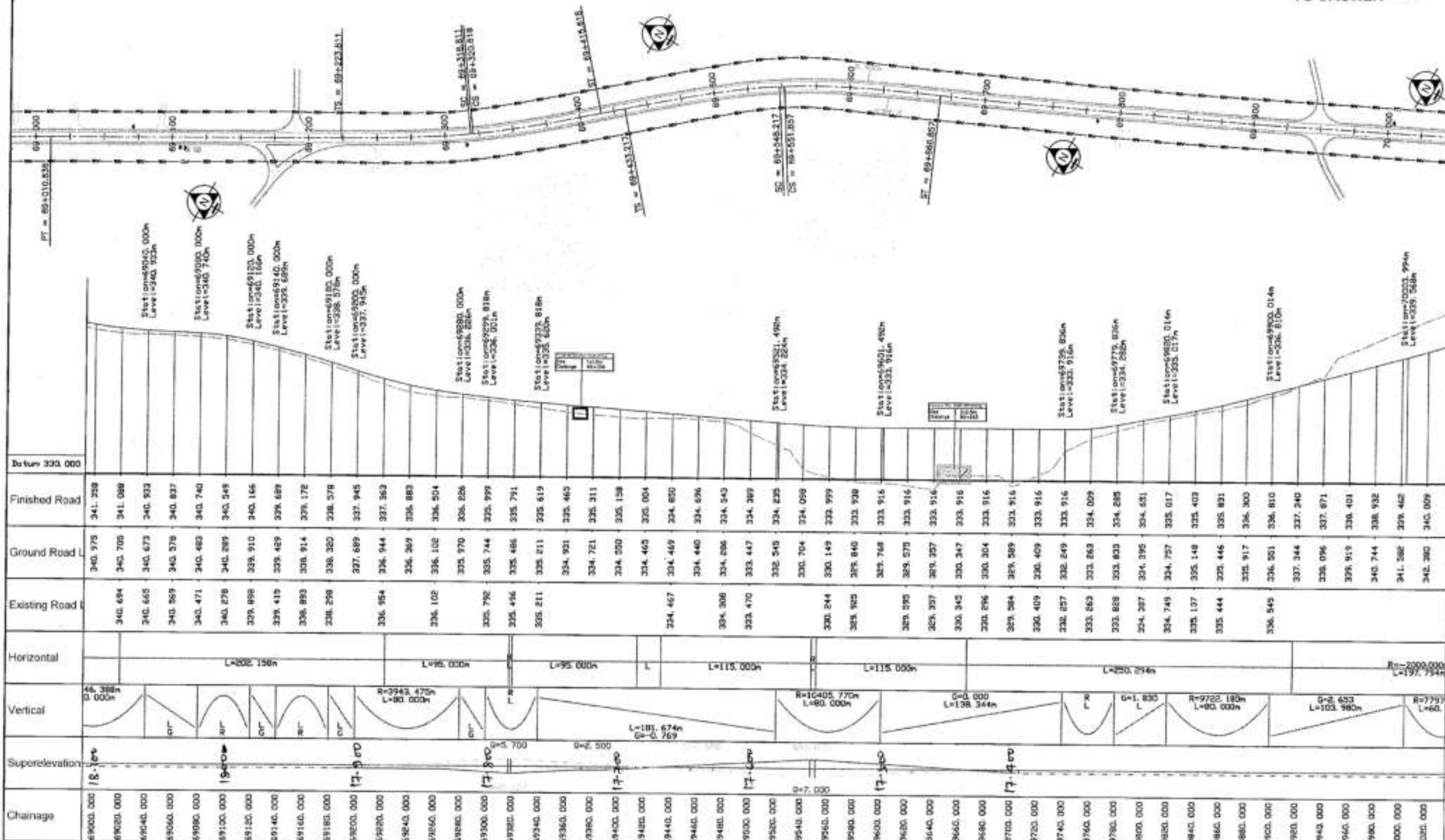
10/10/2010

(S. A. MOKASDARY)
SUB DIVISIONAL OFFICER
WATER RESOURCES SUB DIVISION
SAHSAR

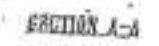
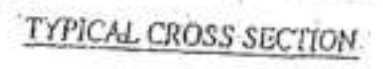
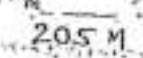
AS-BUILT DRAWING FOR PLAN AND PROFILE FROM KM: 69+000 TO KM: 70+000-NH-547

TO CHINDWARA

TO SAONER—



EMPLOYER  National Highways Authority of India Ministry of Road Transport & Highways New Delhi	SUPERVISION CONSULTANT  Aarvee associates INCIDENTAL ENGINEERS & CONSULTANTS PVT. LTD. Rajula Residency, Singar Colony, Hyderabad - 52, India Tel: +91-40-23757653, Fax: +91-40-23758277	CONTRACTOR  Sadbhav Sadbhav Engineering Ltd Ahmedabad (Gujarat)	CONTRACTOR AUTHORIZED REPRESENTATIVE	CONSULTANT HIGHWAY ENGINEER TEAM LEADER	DRAWING TITLE: AS-BUILT DRAWING FOR PLAN AND PROFILE FROM KM. 69+000 TO KM. 70+000-NH-347 (NEW KM-18+100 TO KM. 17+100) CONTRACT AGREEMENT NO. 69A & 26B-MP-2010-11-022 SCALE: AS SHOWN SECTION - 3 (UMARANALA-SANONER) DATE: 26/06/2015 DRAWING NO. CHD/ASB/SEC-3/HIGHWAY/P&P SHEET: 1 OF 1
NAME OF PROJECT: Rehabilitation and Up-gradation to 2-Lane with paved Shoulder and Maintenance of Multilane - Chhindwara - Second Section of NH-347 and Narsinghpur - Chhindwara - Second Section of NH-547 in Madhya Pradesh and Maharashtra including Construction and Maintenance of Ring Road and Connecting Road in Chhindwara Town.					

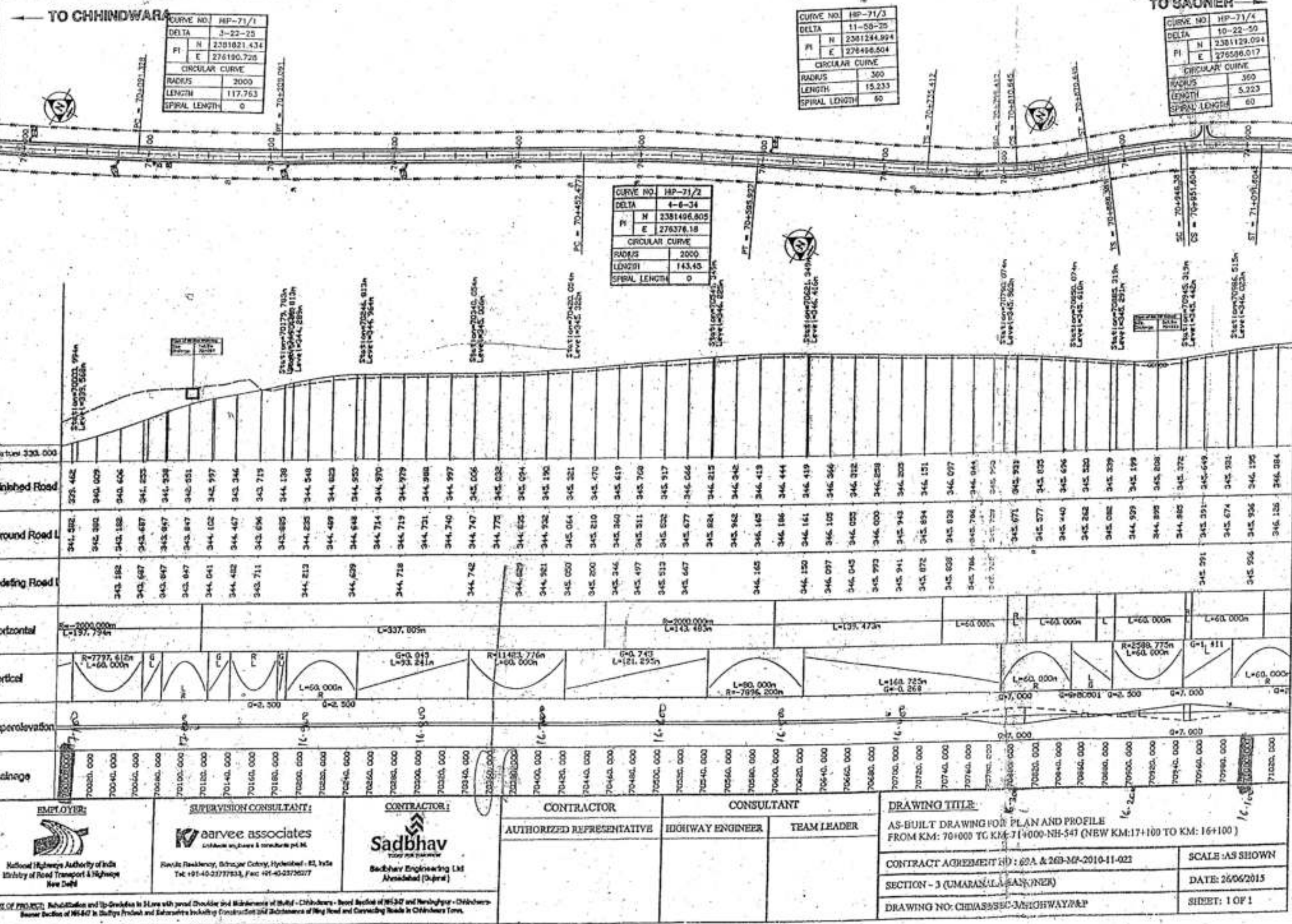


1. TRAFFIC SIGNS ARE ACCORDING TO IRC: 67-2001
2. FOR OTHER TRAFFIC SIGN DETAILS REFER IRC: SP: 31
3. DETAILS OF DIVERSIONS ARE ACCORDING TO IRC: SP: 55:2001

Executive Engineer
Water Resources Division
Chhindwara (M.P.)



AS-BUILT DRAWING FOR PLAN AND PROFILE FROM KM: 70+000 TO KM: 71+000-NH-547



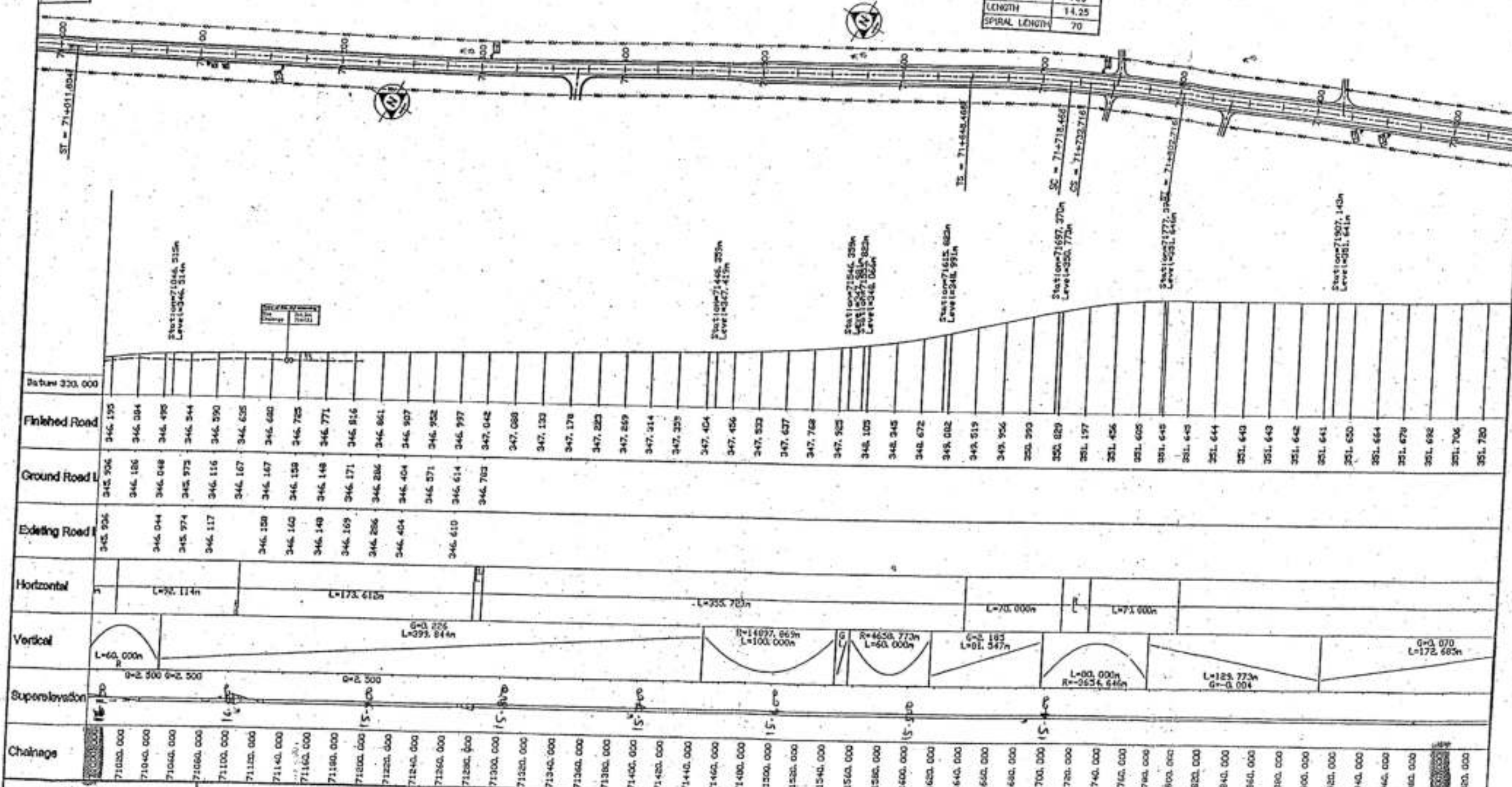
AS-BUILT DRAWING FOR PLAN AND PROFILE FROM KM: 71+000 TO KM: 72+000-NH-547

TO CHHINDWARA

TO SAONER

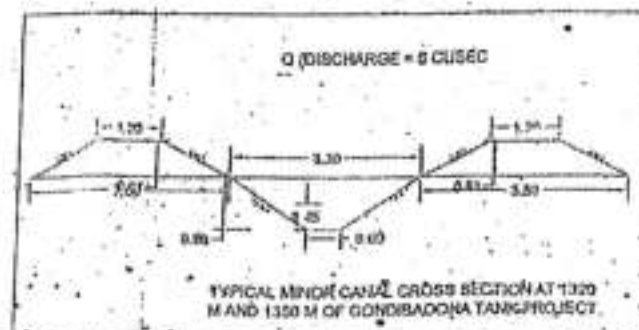
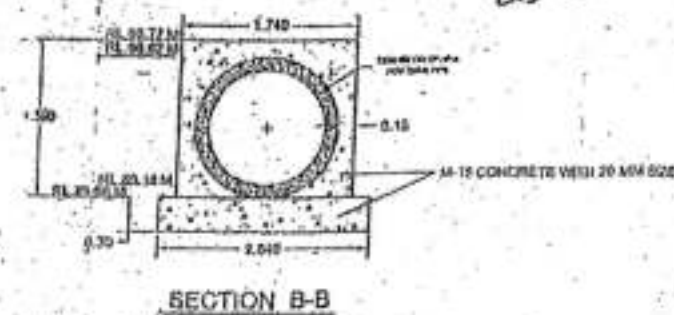
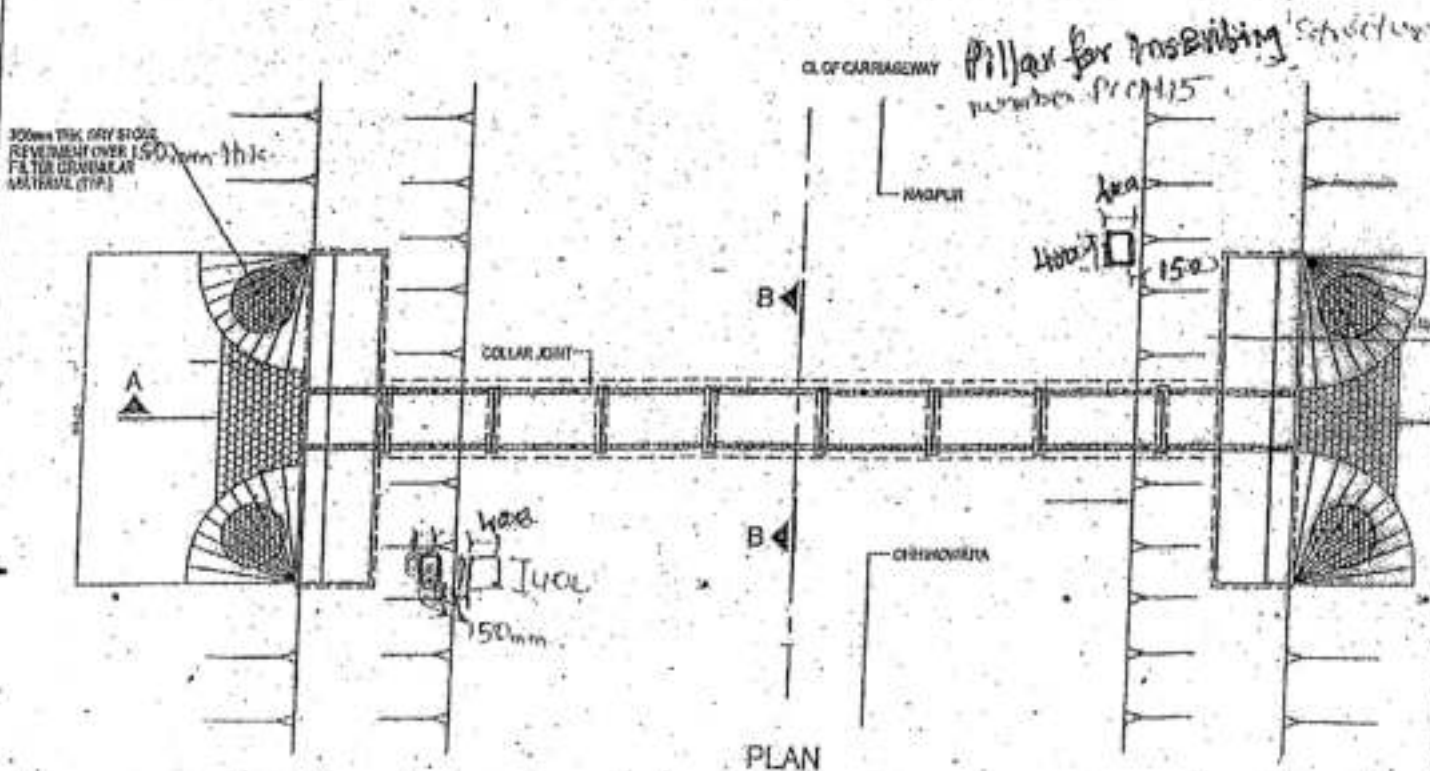
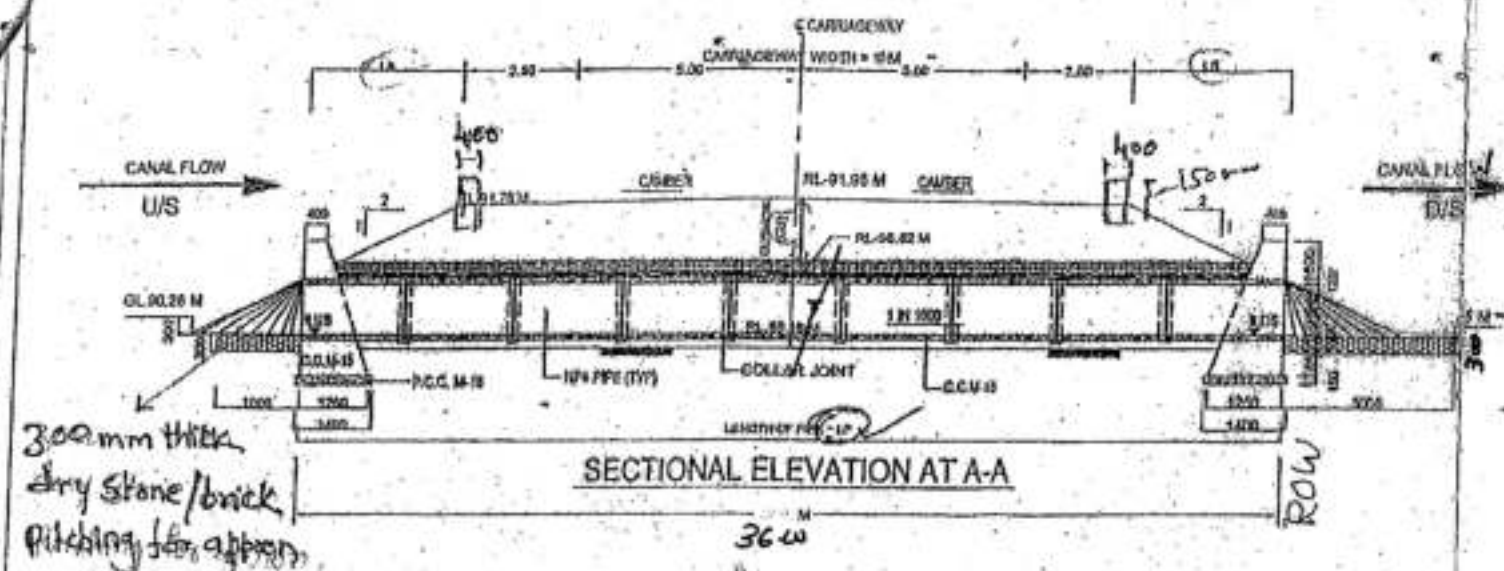
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CURVE NO.	72/1
DELTA	6-53-45
PI	N 2380448.094
E	2709559.41
CIRCULAR CURVE	
RADIUS	700
LENGTH	14.25
SPIRAL LENGTH	70



EMPLOYER:  National Highway Authority of India Ministry of Road Transport & Highways New Delhi	SUPERVISION CONSULTANT:  aarvee associates architects engineers & consultants pvt. ltd. Riviera Residency, Bhadrang Colony, Hyderabad - 50, India Tel: +91-40-23737613, Fax: +91-40-23736277	CONTRACTOR:  Sadbhav Engineering Ltd Ahmedabad (Gujarat)	CONTRACTOR	CONSULTANT		DRAWING TITLE: AS-BUILT DRAWING FOR PLAN AND PROFILE FROM KM: 71+000 TO KM: 72+000-NH-547 (NEW KM: 16+100 TO KM: 15+100)	
			AUTHORIZED REPRESENTATIVE	HIGHWAY ENGINEER	TEAM LEADER		
NAME OF PROJECT: Rehabilitation and Up-gradation to 3 Lane with paved Shoulder and Maintenance of Road - Chhindwara - Bawal Section of NH-547 and Marhathgaon - Chhindwara - Bawal Section of NH-547 in Madhya Pradesh and Maharashtra including Construction and Maintenance of Ring Road and Connecting Roads in Chhindwara Town.						CONTRACT AGREEMENT NO : 09A & 26B-MP-2010-11-022	SCALE :AS SHOWN
						SECTION - 3 (UMARJAL - SAONER)	DATE: 26/06/2015
						DRAWING NO: CHH/ASB/2010/HIGHWAY/P&P	SHEET: 1 OF 1

KEY PLAN



- NOTES:**
- (1) ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS UNLESS OTHERWISE MENTIONED ON DRAWING
 - (2) LONGITUDINAL SLOPE OF PIPE SHOULD BE MINIMUM OF 1 IN 1000
 - (3) DRAWING SHALL NOT BE SCALED
 - (4) FOUNDATION RL OF HEAD WALL SHALL BE MINIMUM 0.6 M BELOW NATURAL SED LEVEL AS PER SP-10
 - (5) ALL R.C.C. PIPE OF HP4 TYPE CONFORMING TO IS:425
 - (6) PROVIDE 300 MM THICK STONE REVETMENT OVER GRANULAR MATERIAL BACKING 100 MM THICK IN ENVELOPE PORTION
 - (7) ABBREVIATIONS USED
 - (a) LP = LENGTH OF PIPE
 - (b) WS = LENGTH OF HEAD WALL
 - (c) D = DIA OF HP4 CLASS PIPE
 - (d) LS = ENVELOPE LENGTH
 - (e) T = THICKNESS OF PIPE
 - (f) WS = LENGTH OF HEAD WALL
 - (g) IUS = INVERT LVL OF US
 - (h) IDS = INVERT LVL OF DS

GOVT. OF M.P. WATER RESOURCE DEPT.
WATER RESOURCE DIVISION CHINDWARA

TYPICAL DRAWING OF IN CROSSING AT 517 MILE STONE AT VILLAGE PANDHWA OF CANAL WITH 1500 MM DIA HP4 BCG NAME PIPE BETWEEN RD-1320 M TO 1350 M OF GONDABADHARA TANG PROJECT, TAD. SARWAR DIST. CHINDWARA

DRAWN BY: *[Signature]*
CHECKED BY: *[Signature]*
APPROVED BY: *[Signature]*

Concrete building is enough as cushion 1.20 m

CANAL CROSSING OF GONDIVADONA TANK NEAR PARADSINGHA VILLAGE ON
CHHINDWARA ROAD OF NH-547 AT KM 16+740

DETAILS

S.No.	Particular	data
ROAD DETAIL		
1	CARRIAGE WAY WIDTH	10 M
2	ROW TO ROW	36 M
3	PIPE TYPE	1200 MM NP-4 R.C.C HUME PIPE
4	LENGTH OF PIPE	36.00 M
5	BASE CONCRETE	M-15 WITH 20 MM METAL
6	LENGTH HEAD WALL	1500 MM
7	TOP OF HEAD WALL R.L.	91.40 M (344.36)
8	BOTTOM OF HEAD WALL R.L.	88.26 M (341.22)
9	FORMATION LEVEL	91.98 M (344.94)
10	U/S & D/S GROUND LEVEL	90.28 M/89.95 M 343.24/342.91
11	CUSHION	1.36 M
12	GRADE OF CONCRETE	M-15 WITH 20 MM METAL
CANAL DETAIL		
1	CANAL BED WIDTH	0.60 M
2	CANAL TOP WIDTH OUTER TO OUTER	10.50 M
3	CANAL BED LEVEL R.L.	89.18 M (342.14)
4	CANAL TOP LEVEL R.L.	90.68 M (343.64)
5	FULL SUPPLY LEVEL	89.63 M (342.51)
6	FULL SUPPLY DISCHARGE	6.00 CUSEC




 (S.S. Mokasdar)
 Sub Divisional Officer
 Water Resources Sub-Division
 Pandhurna


 (P. K. Sharma)
 Executive engineer
 Water Resources Division
 Chhindwara

10/2/2017

**OFFICE OF THE EXECUTIVE ENGINEER,
WATER RESOURCES DIVISION CHHINDWARA (M.P.)**

Memo No. 1294, T.S./2018-19 Chhindwara, Dated 12/04/2018

To,

The Highway Administration
North Nirman Bhawan, Bhopal

Subject :- Undertaking by the Water Resources Department for neassarey fees & Diversion etc.

---000---

We here by undertake to abide by the rules of N.H. for the construction of N.H. Crossing in stated below places of N.H.-547

Water Resources Department would pay all neassary fees for the lave charges, security for diversion, supervision charges etc. & follow all guideline of N.H.A.I.

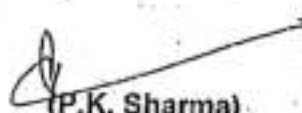
S.N.	Km. of N.H. 547	Name of village & distt.
1	2	3
1	16.740 Km.	Paradsingha-Chhindwara

Encl - As above.


 (P.K. Sharma)
 Executive Engineer
 Water Resources Division
 Chhindwara (M.P.)

Action Plan & Sequence of Construction for
Crossing N.H. 547 by Gondivadona

- (1) Prepration of Diversion road - 8 day
- (2) Cutting of road - 3 day
- (3) Construction of ~~Pipe~~ Culvert - 9 day
- (4) Total ~~20~~ day required for diverting traffic for construction of N.H. corssing.


(P.K. Sharma)
Executive Engineer
Water Resources Division
Chhindwara (M.P)