

CSIR- Central Road Research Institute
Projects Completed 2021-22(9 Mar 2022) and 2022-23 (31 Mar 2023)

Slno	Title	Year
1	Performance Evaluation of Various Bituminous Surfacing laid by using Fly Ash as a Filler Material	2022-23
2	Evaluation of condition of Ranjit Singh Flyover connecting Barakhamba Road and Mata Sundri Road, New	2022-23
3	Laboratory Studies of Highly Modified Asphalt (HIMA-using Kraton SBS Polymer) and Bituminous Mixes	2022-23
4	Testing of Resilient Modulus of DBM Sample of Aligarh-Moradabad Section of NH-93	2022-23
5	Laboratory study on use of Banner Flex Waste in Road Construction	2022-23
6	Impact on vibration levels on railway bridge between Andul-Sankrail during construction process	2022-23
7	Calibration of Automatic Road Unevenness Recorder (ARUR)No.AIM 9905-1- CRRI/16170 using Dipstick at a	2022-23
8	Evaluation of Lakhnadone-Ghansore Road for remedial measures for rehabilitation	2022-23
9	Technical Advice & Vetting of Mix Design of CTB, CTSB, RAP and DBM for Aligarh-Kanpur Sec	2022-23
10	Evaluation of Resilient Modulus and vetting of BC Gr I & II Mixes for Four laning of Aligarh-Kanpur section (Km 186.000 to 229.00) Package- II of NH-91 in the state of UP.on Hybride mode under Bharatmala Priyojna	2022-23
11	Condition Assessment, Structural Evaluation and suggestions for remedial measures of Ganga Bridge, at	2022-23
12	Laboratory and Field Evaluation of Shalmac Ready mix product for Patch Repair	2022-23
13	Laboratory and field Evaluation of Tarmax Ready Mix Product for Patch Repair	2022-23
14	Vetting of pavement design and investigation to study causes of damage to cementitious stabilized	2022-23
15	Testing and Recommendation for Improvement of riding surface of roads under PWD Shahdara Road Maint. Div (M-211)	2022-23
16	Evaluation and Design of Dense Bituminous Concrete Mix with Waste Plastic	2022-23
17	Feasibility study for the construction of Flyover/Underpass/Grade separator at three intersections in Surat	2022-23
18	Evaluation of Various Road under WR-24 and 25 Delhi PWD Division Sainik Vihar	2022-23
19	Third Party Technical Assistance in Construction of two bridges over Agra canal at Chainage Km 6.800 and	2022-23
20	Field Evaluation for strengthening requirements of various roads under Division East Road (M-212), Sub Division-II	2022-23
21	Evaluation of NH-10 (Delhi Rohtak Road) under Delhi PWD Division Sainik Vihar	2022-23
22	Technological Solutions for Enabling Smart Infrastructure: Integrating Piezoelectric Energy Harvesting and structural Health Monitoring in a Smart City	2022-23
23	Strengthening of Disused Canal Road under Division East Road (M-212)/Sub Div.	2022-23
24	Pavement Design for 60 mtr and 45 mtr ROW Roads of Village Pale and Thapkheda under Greater Noida	2022-23
25	CSIR-CRRI Regular Training Programme (Online & Offline) for the year 2021-2022	2022-23
26	Evaluation of Resilient Modulus and vetting of JMF DBM Mix for Gorakpur Link Expressway in the state of UP	2022-23
27	Condition Assessment, Structural Evaluation and Suggestion for remedial measures/strengthening of one RoB and one Bridge no. 27 at Rihand, STPP of NTPC Ltd. in the State of U.P.	2022-23
28	Assessment of Elastomeric Bearings of New Garia-Airport Corridor of Kolkata Metro Railway Line.	2022-23
29	Evaluation of Dense Bituminous Concrete Mix With waste plastic as per JMF	2022-23
30	Feasibility study of zinc tailing waste Material in the construction of Road	2022-23
31	Vetting of BC Mix Design using Waste Plastic for Nagpur-Bikaner Section of NH-89	2022-23
32	Research study on performance of Kuna Bond CWP, Kuna Bipolar Corroguard and Kuna SIL	2022-23
33	Study on feasibility of Qz sand from Bikaner Mines as a partial replacement to crushed sand for use in	2022-23
34	Evaluation of Duroflex Additive for application in Asphalt Mix	2022-23

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35	Assessment and Evaluation of Manufacturing Process for Conformity of Production (COP20) of HSRP for M/s	2022-23
36	Assessment and Evaluation of COP-15 of HSRP for M/s Real Mazon India Ltd.	2022-23
37	Evaluation of Ready to use patch mix for repair of patch and pothole (A product of M/s Vasudev	2022-23
38	Assessment and Evaluation of COP-32 of HSRP for M/s FTA	2022-23
39	Structural Safety Audit and Rehabilitation of SreeSankaracharya Bridge on Periyar River, Kalady and Edavannakkadavu Bridge, Malappuram in the State of Kerala	2022-23
40	Pavement Design for 60 mtr approach road from sector KP-III to Hindon Bridge under Greater Noida Industrial Development Authority	2022-23
41	Evaluation of Structural Health of Deck Slab of ROB at Nandnagri, Delhi	2022-23
42	Review of DPR's of Karnataka, Maharashtra, Manipur and Sikkim States for NRIDA	2022-23
43	Laboratory and Field Evaluation of Supreme Ready mix product for Patch Repair	2022-23
44	Investigation of Pedestal at Pier P1 and Strengthening of distressed Pier and Pier Cap P107, P108, P109 at	2022-23
45	Assessment and Evaluation of COP-33 of HSRP for M/s FTA	2022-23
46	Online Customised Training Programme on various topics for the officials of NRIDA	2022-23
47	Structural Evaluation of RouzaChuraha (Ghazipur)- Phephna (Balua) Section using FWD for Strengthening	2022-23
48	Detail Investigation of causes of Settlement of left side carriage way of kotla road under Delhi PWD Division	2022-23
49	Strengthening of Roads under Road Maintenance Division South East Road-2 PWD Delhi	2022-23
50	Evaluation of Installation damage of GeoStarps and Armalykn samples from a test section	2022-23
51	Utilization of Municipal Solid Wastes for Road and Structural fill applications	2022-23
52	Review of the Existing Pavement Design Report for un-measured patch of 2.1 kms at Zawngling Mahwhere	2022-23
53	Sustainable Integration Index (SII) for Public Transport Modes under Delhi Research Implementation and	2022-23
54	Mix Design with RAP material for GSB and DLC layer for work on Rehabilitation and Upgradation of	2022-23
55	Investigation to study causes of damage to flexible pavements at Kosi Katwan Industrial area in Mathura District.	2022-23
56	Validation of Network Survey Vehicle System	2022-23
57	Preliminary Inspection of distressed bridges in Kolkata	2022-23
58	Strengthening measures for distressed Sakchi bridge, Jamshedpur	2022-23
59	Strengthening/Rehabilitation of Airport Parking Stand/Apron at Keshod Airport	2022-23
60	Field Evaluation for Strengthening and improvement works for roads in Delhi Vidhan Sabha Premises, Old Secretariat	2022-23
61	Online Customised Training Programs on "Innovative Ideas and Techniques in the Field of Highway	2022-23
62	Field vetting of the bituminous pavement construction for the project on Four laning of Simaria-Khagaria section of NH-31 from Km 206.050 to Km 266.282 (Design Chainage) and Km 209.945 to Km 270.000 (Existing Chainage) in the State of Bihar on EPC mode	2022-23
63	Customised Training Programs on "Capacity Building on Advance Technologies and Use of Waste Plastic in	2022-23
64	Evaluation of Resilient modulus and vetting of JMF DBM and BC mixes for 4 laning of Aligarh Kanpur section	2022-23
65	Functional and Structural Evaluation of DND Flyway and Mayur Vihar link road for Maintenance and Rehabilitation Measures	2022-23
66	Evaluation of Geocrete Stabilizing additive for Pavements	2022-23
67	Design of bituminous mix for the resurfacing of runways at INS GARUDA, Naval Base Kochi, Kerala under Military Engineering Service.	2022-23

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68	Pavement Design and Mix design of Cement-Treated Base layer for km 298.00 to 330.662 of NH-04-Andaman and Nicobar Islands	2022-23
69	Designing and guiding the implementation of remedial measures to rehabilitate RE wall fascia blocks of the ROB constructed at km 67+090 (RHS), Madurai-kanyakumari Road	2022-23
70	Investigation and design of remedial measures for stabilization of soil slope to protect the ballast retaining wall of Bridge No. 34 on Kota-Bina rail line near Kota.	2022-23
71	Evaluation of Roads of Transport Nagar Bareilly for suggesting remedial measures	2022-23
72	Technical advice during construction of trial road with single use plastic and performance evaluation	2022-23
73	Determination of UCS values and other parameters of CTB Cores provided by 42 BRTF, BRO	2022-23
74	Investigation to assess the stabilized base layer and to suggest remedial measures of PKg 3 and Pkg 4 of ATR road in A&N Island	2022-23
75	Technical audit of cement concrete road (Radission-Blu to Jaitala Main Road), Nagpur	2022-23
76	Reinforced soil Structure connection testing and report	2022-23
77	Determination of Resilient Modulus of DBM-1 and Vetting of Mix Design of CTGSB for 4-Laning sections (Package-5) on NH-91 in Uttar Pradesh	2022-23
78	Third Party Technical Assistance in Construction of two bridges over Agra canal at Chainage Km 17.000 and Km 22.515 near Faridabad	2022-23
79	Proof Checking of design and drawings of Bridge Bearings	2022-23
80	Resurfacing of Runway and Taxi track at INS Rajali, Arakkonam.	2022-23
81	Delhi Cluster- "Delhi Research Implementation and Innovation" (DRIIV), Theme Solid Waste Management, WP-6 Use of construction & demolition wastes, incinerated residues in road construction	2022-23
82	Study on Suitability of CGR bar for use in Concrete	2022-23
83	Design of Rigid Pavement for RD 0-9000 of Gurgaon canal connecting Vadodara Expressway to National	2022-23
84	Evaluation of the MasterSeal Bridge 5000 System for Bridge Deck Waterproofing	2022-23
85	Evaluation of material for mix design of cement treated base layer for up gradation of Kargil-Zaskar road in the state UT of Ladakh on EPC mode from Km 117+180 to 196+250	2022-23
86	Vetting of the Report titled "Airbags are risky if seatbelts are not worn"	2022-23
87	Recycling of Ghazipur Municipal Solid Wastes for Road Embankment and subgrade construction	2022-23
88	Vetting of Pavement Design of PR-7 Road from JLPL sector 82 to NH-64, SAS Nagar Chandigarh	2022-23
89	Pavement Evaluation for rutting failure-Six laning of Chittorgarh-Udaipur section (Design Chainage 214-870 to km 308-370) of NH-48 in the state of Rajasthan	2022-23
90	Vetting of Pavement Design of Project "Walajahpet to Arakkonam (section of Bangalore - Chennai bypass road)"	2022-23
91	Design of recycled asphalt mix for reconstruction and rehabilitation of Deoli-Kota section of NH-12 (Design km 167.624 km to km 205.724) in the state of Rajasthan	2022-23
92	Evaluation of "ALPAVE" admixture as stabilizing additive (CTB, CTSB, Soil Stabilization layers) for Pavements.	2022-23
93	Field study and suggestion for Economical Design of pavement for strengthening of the existing truck parking area at ICD Dadri, U.P.	2022-23
94	Evaluation of Delhi PWD Bituminous Roads for Strengthening Requirements	2022-23
95	Design of Flexible pavement for New Transport Nagar, Aligarh, Uttar Pradesh.	2022-23

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96	Evaluation of Resilient modulus and vetting of JMF DBM mix for six laning of Chakari-Allahabad section of NH-2 (Km 483+687 to Km 628+758) in the state of UP	2022-23
97	Pavement Design for 4 laning of Beawar-Pali-Pindwara section of NH-14 in the state of Rajasthan under NHDP phase-III executed by L&T BPP Tollway Ltd.	2022-23
98	Investigation to study distress of 2.25km Phullanwala Jn to Jain Mandir Road under Greater Ludhiana Area Development Authority	2022-23
99	Pavement design of Gazipur Vijayipur Marg (Km. 11 to Km. 19) Through Evaluation of Soil Subgrade Properties and its Improvements	2022-23
100	Technical Audit of Indore Gujarat Sections of NH-47 in MP State	2022-23
101	Carrying out condition assessment of 60m wide road from Dhulsirus chowk to Bamnoli village Dwarka (100 m length)	2022-23
102	Inspection of structures of 4-Laning of Porbander-Jetpur section on NH-8A from Km 001+960 to km 117+600 in the State of Gujarat	2022-23
103	Expert Opinion on Maintenance Work for Baleshwar to Kharagpur Section of NH-60	2022-23
104	Designing and guiding the implementation of remedial measures to rehabilitate MSE wall fascia at chainages Km 118+600 and Km 116+300 of NH-6 on Surat-Hazira Section	2022-23
105	Assessment of FDR related work executed on PMGSY road Sinduria to semrahani (Package UP4795, UPFDR-17)in Mahrajanj, Uttar Pradesh	2022-23
106	Stabilisation of soil using slaked and un-slaked lime for the optimum CBR Determination	2022-23
107	Evaluation of bitumen binder (VG 10, 30, 40) as per IS 73	2022-23
108	Evaluation of NDMC Roads for Determining the possibility of Cold Milling and Recommendations for	2022-23
109	Job Mix Design of DBM and BC mixes with Processed EAF Steel Slag Aggregates for Service Road of under construction VUPs for NH-53 at Surat, Gujarat	2022-23
110	Feasibility study of recycling technique through rehabilitation/ Strengthening of roads by cold milling and recycling process under division east road (M-212)/sub div-II	2022-23
111	Utilization of Red Mud for Road and Structural fill applications	2022-23
112	Review of the Alternate Pavement Design for work named Improvement of Henglep-Thingkhew-Tipaimukh Road using Soil Stabilization Technology with Evocrete Admixture in the state of Manipur	2022-23
113	Pavement Design for Main Carriageway and Service Road of steel slag and Mix Design of GSB and WMM using different sizes of EAF Processed Steel Slag Aggregate for NH-53 at chainage 24+930 to 27+100 and chainage 31+050 to 33+580	2022-23
114	Vetting of Rigid Pavement Design Report	2022-23
115	Study for Rehabilitation / Strengthening of identified roads by Cold milling and recycling process under Division East Road M 212/Sub Division III	2022-23
116	Testing of cellulose fiber pallets and design of SMA mix using cellulose fiber pallets (TOPCEL)	2022-23
117	Testing report for the project-Construction and Maintenance of road under FDR/In-situ stabilization with cement and additive of Package No. UPFDR 05 & UPFDR 86	2022-23
118	Assessment and Evaluation of COP-17 of HSRP for M/s Real Mazon India Limited	2022-23
119	Mix Design with RAP material for DBM and BC	2022-23
120	Evaluation of Road Stabilization Chemical Qingdao-Road Stabilizer (Liquid) for sub-base and Base courses	2022-23
121	Evaluation of RAP material and Mix Design of DBM Grade-I 90mm and Grade-II 70 mm thickness for Delhi Amritsar Katra Expressway from junction with Patiala-Bathinda Road NH-7 on EPC mode under Bharatmala Pariyojna in the state of Punjab	2022-23

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Slno	Title	Year
122	Assessment of Structural Integrity of 4 numbers of PSC girders and suggestions for strengthening Measures for the Major-Bridge (at Km 22+905) over Arpa river of Billaspur-Pathrapali Section on NH-130 in the state of Chhattisgarh	2022-23
123	Detailed investigation of the structural distresses and suggestions for rehabilitation measures for Safdarjung Airport Aurobindo Road cum Rail Flyover under NDMC region, New Delhi.	2022-23
124	Assessment of FDR related work executed on PMGSY road (Package UP30122 and UP30132) in Gonda Uttar Pradesh	2022-23
125	Condition Assessment and suggestions for strengthening Measures for the ROB at Railway crossing no 168/C on NH-65 Churu-Ratangarh Section at Churu in the state of Rajasthan	2022-23
126	Assessment and Evaluation of Manufacturing Process for Conformity of Production (COP-22nd) of HSRP for M/s Shimnit India Pvt.Ltd.	2022-23
127	Investigation and Design of retaining wall/protection wall for the construction of missing links in Lakpath-	2022-23
128	Assessment and Evaluation of COP-37 of HSRP for M/s FTA HSRP Solutions Pvt. Ltd.	2022-23
129	Structural Safety Audit of major bridge over river Yamuna at Benda Ghat in the Raebareilly-Banda Section of NH-232 in U.P.	2022-23
130	Periodic Assessment of Riding Quality (Roughness Index) on DND Flyway & Mayur Vihar Link Road in Delhi	2021-22
131	Evaluation of CTB samples of Huri axis road section in the state of Arunachal Pradesh (Km.53+00 to Km 71.300)	2021-22
132	Vetting of design of flexible pavement for Jurichhara-Bamanchara Section from km 49.22 to km 63.7 in the state of Tripura	2021-22
133	Strengthening of roads under Division East Road (M212) Sub Division II PWD Delhi	2021-22
134	Vetting of Pavement Design of HR-2 from Mullanpur/UT Boundry upto T junction of Kurali-Siswan Road in New Chandigarh SAS Nagar	2021-22
135	Vetting of Pavement Design of PR-9 Road Aerocity Roundabout to Kharar Banur National Highway, SAS Nagar Chandigarh	2021-22
136	Ground Granulated Blast Furnace Slag (GGBFS) as a soil stabilizer for Road construction	2021-22
137	Designing and guiding the soil improvement techniques for the construction of RUB at Km 914/18-20 on Kota-NAD section, Rajasthan	2021-22