

List of completed Schemes/ Projects/ Programmes(2023-2024)

| S No | Title  |
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| 1    | Evaluation of condition of Ranjit Singh Flyover connecting Barakhamba Road and Mata Sundri Road, New Delhi   |
| 2    | Laboratory Studies of Highly Modified Asphalt (HIMA-using Kraton SBS Polymer) and Bituminous Mixes containing HiMA vis a vis VG-30 Bitumen   |
| 3    | Testing of Resilient Modulus of DBM Sample of Aligarh-Moradabad Section of NH-93   |
| 4    | Laboratory study on use of Banner Flex Waste in Road Construction  |
| 5    | Conducting noise and vibration assessment study for Metro Lines 2A, 2B and 7 of Mumbai Metro (Elevated Corridor)(Phase/stage-1)  |
| 6    | Third Party Technical Assistance in Construction of two bridges over Agra canal at Chainage Km 6.800 and Km 28.000 near Faridabad  |
| 7    | Impact on vibration levels on railway bridge between Andul-Sankrail during construction process  |
| 8    | Feasibility study of zinc tailing waste Material in the construction of Road   |
| 9    | Calibration of Automatic Road Unevenness Recorder (ARUR)No.AIM 9905-1- CRRI/16170 using Dipstick at a speed of 32+1km/hrs  |
| 10   | Evaluation of Lakhnadone-Ghansore (Seoni-MP) Road for remedial measures for rehabilitation   |
| 11   | 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 |
| 12   | Technical Advice and Vetting of Mix Design of CTB, CTSB, RAP and DBM for Aligarh-Kanpur Section  |
| 13   | Strengthening of Disused Canal Road under Division East Road (M-212)/Sub Div.  |
| 14   | Third Party Technical Assistance in Construction of two bridges over Agra canal at Chainage Km 17.000 and Km 22.515 near Faridabad   |
| 15   | Laboratory and Field Evaluation of Shalmac Ready mix product for Patch Repair  |
| 16   | Condition Assessment, Structural Evaluation and suggestions for remedial measures of Ganga Bridge, at Varanasi   |
| 17   | Laboratory and field Evaluation of Tarmax Ready Mix Product for Patch Repair   |
| 18   | Delhi Cluster- "Delhi Research Implementation and Innovation" (DRIIV), Theme Solid Waste Management, WP-6 Use of construction & demolition wastes, incinerated residues in road construction                         |
| 19   | Testing and Recommendation for Improvement of riding surface of roads under PWD Shahdara Road Maint. Div (M-211)   |
| 20   | Vetting of pavement design and investigation to study causes of damage to cementitious stabilized pavements and methodology for its repair   |
| 21   | Evaluation and Design of Dense Bituminous Concrete Mix with Waste Plastic  |
| 22   | Evaluation of Various Road under WR-24 and 25 Delhi PWD Division Sainik Vihar  |
| 23   | Feasibility study for the construction of Flyover/Underpass/Grade separator at three intersections in Surat city, Gujarat (Transportation Planning part A)   |
| 24   | Field Evaluation for strengthening requirements of various roads under Division East Road (M-212), Sub Division-II   |
| 25   | Evaluation of NH-10 (Delhi Rohtak Road) under Delhi PWD Division Sainik Vihar  |
| 26   | Utilization of Red Mud for Road and Structural fill applications   |
| 27   | Recycling of Ghazipur Municipal Solid Wastes for Road Embankment and subgrade construction   |
| 28   | Utilization of Municipal Solid Wastes for Road and Structural fill applications  |
| 29   | Evaluation of Resilient Modulus and vetting of JMF DBM Mix for Gorakpur Link Expressway in the state of UP   |
| 30   | CSIR-CRRI Regular Training Programme (Online & Offline) for the year 2021-2022   |

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| 31 | Pavement Design for 60 mtr and 45 mtr ROW Roads of Village Pale and Thapkheda under Greater Noida Industrial Development Authority   |
| 32 | Assessment of Elastomeric Bearings of New Garia-Airport Corridor of Kolkata Metro Railway Line.  |
| 33 | 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.  |
| 34 | Evaluation of Dense Bituminous Concrete Mix With waste plastic as per JMF  |
| 35 | 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  |
| 36 | Strengthening of Roads under Road Maintenance Division South East Road-2 PWD Delhi   |
| 37 | Vetting of BC Mix Design using Waste Plastic for Nagpur-Bikaner Section of NH-89   |
| 38 | Research study on performance of Kuna Bond CWP, Kuna Bipolar Corroguard and Kuna SIL 20  |
| 39 | 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.   |
| 40 | Evaluation of Ready to use patch mix for repair of patch and pothole (A product of M/s Vasudev Construction Co.)   |
| 41 | Evaluation of Duroflex Additive for application in Asphalt Mix   |
| 42 | Study on feasibility of Qz sand from Bikaner Mines as a partial replacement to crushed sand for use in structural and pavement quality concrete  |
| 43 | Assessment and Evaluation of COP-15 of HSRP for M/s Real Mazon India Ltd.  |
| 44 | Assessment and Evaluation of Manufacturing Process for Conformity of Production (COP20)of HSRP for M/s Shimnit India Pvt. Ltd. Mumbai  |
| 45 | Assessment and Evaluation of COP-32 of HSRP for M/s FTA  |
| 46 | Pavement Design for 60 mtr approach road from sector KP-III to Hindon Bridge under Greater Noida Industrial Development Authority  |
| 47 | Structural Safety Audit and Rehabilitation of SreeSankaracharya Bridge on Periyar River, Kalady and Edavannakkadavu Bridge, Malappuram in the State of Kerala  |
| 48 | 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  |
| 49 | Strengthening/Rehabilitation of Airport Parking Stand/Apron at Keshod Airport  |
| 50 | Pavement Design and Mix design of Cement-Treated Base layer for km 298.00 to 330.662 of NH-04-Andaman and Nicobar Islands  |
| 51 | 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 |
| 52 | Laboratory and Field Evaluation of Supreme Ready mix product for Patch Repair  |
| 53 | Review of DPR's of Karnataka, Maharashtra, Manipur and Sikkim States for NRIDA   |
| 54 | Evaluation of Structural Health of Deck Slab of ROB at Nandnagri, Delhi  |
| 55 | Detailed investigation of the structural distresses and suggestions for rehabilitation measures for Safdarjung Airport Aurobindo Road cum Rail Flyover under NDMC region, New Delhi.   |
| 56 | Investigation of Pedestal at Pier P1 and Strengthening of distressed Pier and Pier Cap P107, P108, P109 at Dwarka Expressway   |
| 57 | Assessment and Evaluation of COP-33 of HSRP for M/s FTA  |
| 58 | Online Customised Training Programme on various topics for the officials of NRIDA  |
| 59 | Design of bituminous mix for the resurfacing of runways at INS GARUDA, Naval Base Kochi, Kerala under Military Engineering Service.  |
| 60 | Structural Evaluation of RouzaChuraha (Ghazipur)- Phephna (Baliala) Section using FWD for Strengthening Recommendations (Package-2)  |
| 61 | Study on Suitability of CGR bar for use in Concrete  |
| 62 | Evaluation of Installation damage of GeoStarps and Armalynk samples from a test section  |

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| 63 | Review of the Existing Pavement Design Report for un-measured patch of 2.1 kms at Zawngling Mahwhere Sapi Road under Project Pushpak, Border Roads Organisation  |
| 64 | Vetting of Pavement Design of PR-7 Road from JLPL sector 82 to NH-64, SAS Nagar Chandigarh   |
| 65 | 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   |
| 66 | Resurfacing of Runway and Taxi track at INS Rajali, Arakkonam.   |
| 67 | Preliminary Inspection of distressed bridges in Kolkata  |
| 68 | Validation of Network Survey Vehicle System  |
| 69 | Mix Design with RAP material for GSB and DLC layer for work on Rehabilitation and Upgradation of Kodungllur-Shornur road in Thrissur District  |
| 70 | Strengthening measures for distressed Sakchi bridge, Jamshedpur  |
| 71 | Investigation to study causes of damage to flexible pavements at Kosi Katwan Industrial area in Mathura District.  |
| 72 | Field Evaluation for Strengthening and improvement works for roads in Delhi Vidhan Sabha Premises, Old Secretariat   |
| 73 | Online Customised Training Programs on "Innovative Ideas and Techniques in the Field of Highway Engineering as Applicable to Hilly/Mountainous Regions"for the officers of NHIDCL  |
| 74 | 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   |
| 75 | Proof Checking of design and drawings of Bridge Bearings   |
| 76 | 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 |
| 77 | Slope stability and design of remedial measures for protection of rock slope of Siddha Baba temple on Vijaysota-Chateni section under Katni-Singrauli Railway Doubling Project, MP   |
| 78 | Evaluation of Resilient modulus and vetting of JMF DBM and BC mixes for 4 laning of Aligarh Kanpur section from km 356+000 to 414+000 (Pkg V) in the state of UP   |
| 79 | Customised Training Programs on "Capacity Building on Advance Technologies and Use of Waste Plastic in Road Construction in Cold Region"for the engineers of RD&PR Department, UT of Ladakh  |
| 80 | Functional and Structural Evaluation of DND Flyway and Mayur Vihar link road for Maintenance and Rehabilitation Measures   |
| 81 | Evaluation of the MasterSeal Bridge 5000 System for Bridge Deck Waterproofing  |
| 82 | Site inspection of Bar-Bilara-Jodhpur Road Project of NH-112 to identify causes of distress and review of repair methodology   |
| 83 | Technical audit of cement concrete road (Radission-Blu to Jaitala Main Road), Nagpur   |
| 84 | Design of Rigid Pavement for RD 0-9000 of Gurgaon canal connecting Vadodara Expressway to National Highway no. 19 (Delhi to Agra)in Ballabgarh city  |
| 85 | 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   |
| 86 | Evaluation of material for mix design of cement treated base layer for up gradation of Kargil-Zanskar road in the state UT of Ladakh on EPC mode from Km 117+180 to 196+250  |
| 87 | Design and Technical guidance for RCC Box pushing at Rly km 1377/4-6 near farah Railway Station on Mathura-Dholpur section   |
| 88 | Evaluation of Roads of Transport Nagar Bareilly for suggesting remedial measures   |
| 89 | Pavement design of Gazipur Vijayipur Marg (Km. 11 to Km. 19) Through Evaluation of Soil Subgrade Properties and its Improvements   |
| 90 | Vetting of Pavement Design of Project "Walajahpet to Arakkonam (section of Bangalore - Chennai expressway)"  |
| 91 | Mix design of BC with Highly Modified Asphalt (HiMA) for Jaipur-Mahua, Rajasthan   |
| 92 | Design of Flexible pavement for New Transport Nagar, Aligarh, Uttar Pradesh.   |
| 93 | Evaluation of Delhi PWD Bituminous Roads for Strengthening Requirements  |
| 94 | Evaluation of Road Stabilization Chemical Qingdao-Road Stabilizer (Liquid) for sub-base and Base courses   |

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| 95  | 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   |
| 96  | Evaluation of "ALPAVE" admixture as stabilizing additive (CTB, CTSB, Soil Stabilization layers) for Pavements.   |
| 97  | Recommendation and Remedial Measures for managing Potholes in and around Dock area Bituminous Road at Kolkata Dock System  |
| 98  | 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                                |
| 99  | Study for Rehabilitation / Strengthening of identified roads by Cold milling and recycling process under Division East Road M 212/Sub Division III   |
| 100 | Reinforced soil Structure connection testing and report  |
| 101 | Vetting of the Report titled "Airbags are risky if seatbelts are not worn"   |
| 102 | Stabilisation of soil using slaked and un-slaked lime for the optimum CBR Determination  |
| 103 | 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               |
| 104 | Mix Design with RAP material for DBM and BC  |
| 105 | Investigation and Design of retaining wall/protection wall for the construction of missing links in Lakpath-Gaduli-Hajipur-Odma-Khavada-Dholavira-Mauvana-Godakabet-Santalpur road (NH No.754k), Gujarat |
| 106 | Assessment of FDR related work executed on PMGSY road Sinduria to semrahani (Package UP4795, UPFDR-17)in Mahrajganj, Uttar Pradesh   |
| 107 | Evaluation of bitumen binder (VG 10, 30, 40) as per IS 73  |



