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)
NHAI PIU –Shimla, House No. 1, Rishikesh Sadan, Shanti Kutia, Chakkar Shimla-171005, H.P.
Email: pdpiushimla@nhai.org; pdpiushimla@gmail.com | **Phone:** 0177-2633318

11012/4/2016/Forest/P-N/PIU-SML/ 123 19th **April, 2022**

To,

The Divisional Forest Officer,
Nalagarh Forest Division (HP)

Sub: Diversion of 0.5747 ha. of forest land in favour of National Highway Authority of India for four laning of Baddi-Nalagarh section of NH 21A from km. 17.500 to km. 35.000, within the jurisdiction of Nalagarh Forest Division, Distt. Solan Himachal Pradesh (Proposal no.: FP/HP/ROAD/141689/2021)

Ref: (i) RO, MOEF & CC, Shimla letter no. FC/HPC/06/17/2022 dt. 05.04.2022.

Sir,

It is apprised that FCA case for diversion of 0.5747 ha. of forest land in village Mini Secretariat from R/D 33/900 to R/D 34/400 for Baddi-Nalagarh section of NH 21A from km. 17.500 to km. 35.000 in the state of Himachal Pradesh was uploaded on e-parivesh portal on 05.05.2021.

2. Now, Regional Officer, MoEF&CC, Shimla vide letter no. FC/HPC/06/17/2022 dated 05.04.2022 submitted few observation in respect to the subject cited FCA proposal. Parawise compliance of said conditions are as under:

Sr. No.	Observations raised by MoEF&CC, Shimla	Compliance by User Agency
1.	Complete layout plan from 17.500 to 35.000 kms covering all the portions and their dimension duly authenticated by concerned DFO may be submitted and uploaded.	Layout Plan from km. 17.500 to km. 35.000 is enclosed herewith. Further the forest land proposed for diversion from km. 33/900 to km. 34/400 is highlighted in the said layout plan.
2.	No beneficiary villages has been shown in the KML File. The same may be incorporated in the KML file.	KML file showing beneficiary village Mini Secretariat has been uploaded.
3.	ROW of the existing road and proposed road showing all the components must be shown in KML file. Also the portion of the proposed road falling in forest land and non forest land may be provided.	KML file showing the ROW of existing road and proposed road has been uploaded on e-parivesh portal.
4.	The detailed kilometre-wise proposed ROW (PROW) and Existing ROW (EROW) along with the Chainage wise area calculation falling in forest land and non-forest land may be provided.	A certificate showing detailed kilometre wise proposed ROW (PROW) and Exiting ROW (EROW) along with Chainage wise area calculation falling in forest land and non-forest land is enclosed herewith.
5	It may be clarified that whether EROW has been included in the calculation of total diversion in the present proposal. If yes, EROW area may be excluded from the proposed diversion area. Also, it may be clarified whether approval under FCA has	It is hereby submitted that EROW is not included in the calculation of total diversion in the present proposal.

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)
NHAI PIU –Shimla, House No. 1, Rishikesh Sadan, Shanti Kutia, Chakkar Shimla-171005, H.P.
Email: pdpiushimla@nhai.org; pdpiushimla@gmail.com | **Phone:** 0177-2633318

Sr. No.	Observations raised by MoEF&CC, Shimla	Compliance by User Agency
	been obtained for the EROW? If yes details of the same may be provided.	
6	An undertaking of providing FRA has been submitted. However, the FRA certificate along with all prescribed annexures, records of consultations and meeting of FRC(s) and Gram Sabhas (s) of all concerned villages may be provided.	FRA enclosed
7	Muck Management Plan has been provided, but needs to be authenticated by the concerned DFO. Further, user agency shall provide an undertaking mentioning that in future no forest land will be proposed for diversion for disposal/dumping of muck generated from this project.	Undertaking enclosed.
8	Large number of trees are affected in proposal. Therefore, State Government shall explore the possibility of reducing the numbers of trees especially of ecological importance with higher girth	Since the highway work of Baddi-Nalagarh section of NH-21A has been started w.e.f 05.04.2022 & the proposed acquisition of forest land for highway construction is bare minimum & felling of 35 trees and 85 saplings in village Mini Secretariat can't be avoided.
9.	In Part-I, B.1, details of the proposals submitted in the past may be reviewed as same proposal is mentioned multiple times.	In this regard, it is apprised that Part-1, para B, Sr. No.1 is updated automatically on eparivesh portal. There is no such option showing edit/add on eparivesh portal for said part. Hence the same cannot be changed by the User Agency.
10	In detail note of the project it has been mentioned that 300 people will get regular employment. The state government may review and rectify the same if required.	Due to various activity of highway construction the local skilled/unskilled person will be given work during highway construction in 2.5 years
11	DSS analysis revealed that two WLS namely Dalrlaghat WLS and Gobidnagar WLS km are nearby the project site. Therefore, distance from ESZ of these two WLS may also be provided.	Pertains to your office

3. In this regard, it is requested to take necessary action so that stage-I approval for diversion of forest land measuring 0.5747 hectare could be obtained at the earliest & encumbrance free land could be provided to the Contractor for starting the four laning work.

(Suresh Kumar Sharma)
GM (Tech.)-cum-Project Director
NHAI, PIU-Shimla

LEGEND :

EXISTING PLAN :

- ▨ : EXIST. CARRIAGEWAY
- ☐ : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

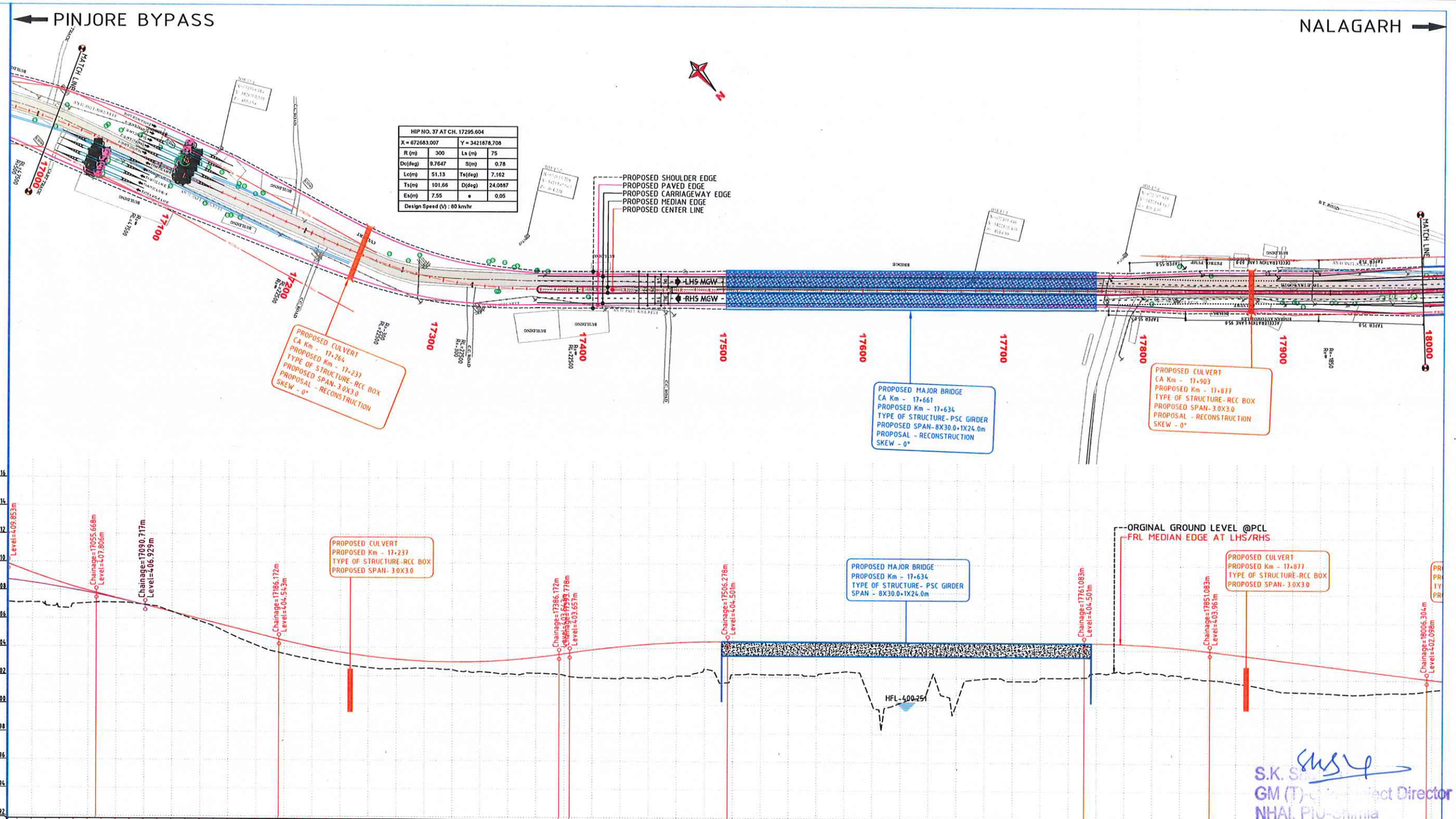
🟩 SVUP 🟥 LVUP 🟦 VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC

← PINJORE BYPASS NALAGARH →



HIP NO. 37 AT CH. 17295.604

X = 672683.007		Y = 3421878.708	
R (m)	300	Ls (m)	75
Dc(deg)	9.7647	S(m)	0.78
Lc(m)	51.13	Ts(deg)	7.162
Ts(m)	101.66	D(deg)	24.0587
Es(m)	7.55	e	0.05
Design Speed (V) : 80 km/hr			

PROPOSED CULVERT
CA Km - 17+264
PROPOSED Km - 17+237
TYPE OF STRUCTURE-RCC BOX
PROPOSED SPAN- 3.0X3.0
PROPOSAL - RECONSTRUCTION
SKEW - 0°

PROPOSED MAJOR BRIDGE
CA Km - 17+661
PROPOSED Km - 17+634
TYPE OF STRUCTURE- PSC GIRDER
PROPOSED SPAN-8X30.0+1X24.0m
PROPOSAL - RECONSTRUCTION
SKEW - 0°

PROPOSED CULVERT
CA Km - 17+903
PROPOSED Km - 17+877
TYPE OF STRUCTURE-RCC BOX
PROPOSED SPAN- 3.0X3.0
PROPOSAL - RECONSTRUCTION
SKEW - 0°

PROPOSED CULVERT
PROPOSED Km - 17+237
TYPE OF STRUCTURE-RCC BOX
PROPOSED SPAN- 3.0X3.0

PROPOSED MAJOR BRIDGE
PROPOSED Km - 17+634
TYPE OF STRUCTURE- PSC GIRDER
SPAN - 8X30.0+1X24.0m

PROPOSED CULVERT
PROPOSED Km - 17+877
TYPE OF STRUCTURE-RCC BOX
PROPOSED SPAN- 3.0X3.0

CHAINAGE	PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE
17000	409.566	408.648	407.111
17010	409.196	408.513	407.115
17020	408.849	408.364	406.880
17030	408.526	408.201	406.752
17040	408.227	408.026	407.017
17050	407.951	407.836	407.080
17060	407.697	407.634	407.136
17070	407.447	407.418	407.122
17080	407.197	407.189	407.095
17090	406.947	406.947	406.977
17100	406.697	406.697	406.829
17110	406.447	406.447	406.472
17120	406.197	406.197	406.127
17130	405.947	405.947	405.804
17140	405.697	405.697	405.441
17150	405.447	405.447	404.978
17160	405.197	405.197	404.522
17170	404.947	404.947	404.129
17180	404.697	404.697	403.763
17190	404.449	404.449	403.537
17200	404.217	404.217	403.310
17210	404.004	404.004	403.129
17220	403.812	403.812	402.960
17230	403.640	403.640	402.809
17240	403.487	403.487	402.671
17250	403.355	403.355	402.573
17260	403.243	403.243	402.483
17270	403.150	403.150	402.484
17280	403.078	403.078	402.516
17290	403.025	403.025	402.540
17300	402.993	402.993	402.502
17310	402.981	402.981	402.448
17320	402.988	402.988	402.351
17330	403.016	403.016	402.315
17340	403.064	403.064	402.231
17350	403.131	403.131	402.178
17360	403.219	403.219	402.153
17370	403.327	403.327	402.220
17380	403.454	403.454	402.182
17390	403.601	403.601	402.083
17400	403.748	403.748	401.938
17410	403.883	403.883	401.912
17420	404.005	404.005	401.886
17430	404.113	404.113	401.872
17440	404.208	404.208	401.895
17450	404.290	404.290	401.901
17460	404.358	404.358	401.941
17470	404.413	404.413	402.058
17480	404.455	404.455	402.101
17490	404.483	404.483	402.595
17500	404.498	404.498	401.739
17510	404.501	404.501	402.181
17520	404.501	404.501	402.229
17530	404.501	404.501	402.211
17540	404.501	404.501	402.181
17550	404.501	404.501	402.186
17560	404.501	404.501	402.193
17570	404.501	404.501	402.104
17580	404.501	404.501	402.333
17590	404.501	404.501	402.427
17600	404.501	404.501	402.370
17610	404.501	404.501	400.149
17620	404.501	404.501	399.878
17630	404.501	404.501	400.221
17640	404.501	404.501	400.520
17650	404.501	404.501	401.295
17660	404.501	404.501	400.768
17670	404.501	404.501	400.139
17680	404.501	404.501	401.872
17690	404.501	404.501	401.980
17700	404.501	404.501	402.012
17710	404.501	404.501	401.809
17720	404.501	404.501	401.807
17730	404.501	404.501	402.020
17740	404.501	404.501	402.056
17750	404.501	404.501	402.051
17760	404.501	404.501	402.098
17770	404.496	404.496	402.403
17780	404.477	404.477	402.416
17790	404.445	404.445	402.452
17800	404.400	404.400	402.530
17810	404.341	404.341	402.454
17820	404.270	404.270	402.275
17830	404.184	404.184	402.254
17840	404.086	404.086	402.063
17850	403.974	403.974	401.975
17860	403.854	403.854	401.900
17870	403.734	403.734	401.735
17880	403.614	403.614	401.605
17890	403.494	403.494	401.416
17900	403.374	403.374	401.210
17910	403.254	403.254	401.139
17920	403.134	403.134	401.119
17930	403.014	403.014	401.085
17940	402.894	402.894	401.041
17950	402.774	402.774	400.986
17960	402.654	402.654	400.991
17970	402.534	402.534	401.074
17980	402.414	402.414	401.115
17990	402.294	402.294	401.109
18000	402.174	402.174	401.172
18010	402.055	402.055	401.314

HORIZONTAL SCHEMATIC: L=95.000m; L=113.217m; L=75.000m; R=-300.000m L=51.128m; L=75.000m; L=537.532m

VERTICAL @LHS: R=4200.000m L=63.000m; L=130.504m G=-2.500; R=5000.000m L=200.000m; G=-1.500 L=7.606m; L=112.500m R=-7500.000m; L=254.805m G=-0.000; L=90.000m R=-7500.000m; L=155.221m G=-1.200

VERTICAL @RHS: L=112.500m R=-7500.000m; L=95.456m G=-2.500; R=5000.000m L=200.000m; G=-1.500 L=7.606m; L=112.500m R=-7500.000m; L=254.805m G=-0.000; L=90.000m R=-7500.000m; L=155.221m G=-1.200

SUPERELEVATION: RHS=-2.500 LHS=-2.500; RHS=5.000; LHS=-5.000

S.K. S
GM (T)-cum-Project Director
NHAI, PIU-Shimla

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:-
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:-
PATEL INFRASTRUCTURE LIMITED
PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER:
CHAITANYA PROJECTS CONSULTANCY PVT. LTD
RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR:
TecXkonnect
PLOT NO.314.1 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:-
FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE:
PLAN & PROFILE OF MAIN CARRIAGEWAY
(FROM KM. 17+000 TO 18+000)

SCALE: HOR -1 : 2000 VER -1 : 200
SIZE: A2
DRG. NO: PINJORE-BYPASS/HW/P&P/14
DATE: MAR, 2022
SHEET: 14 OF 32
REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

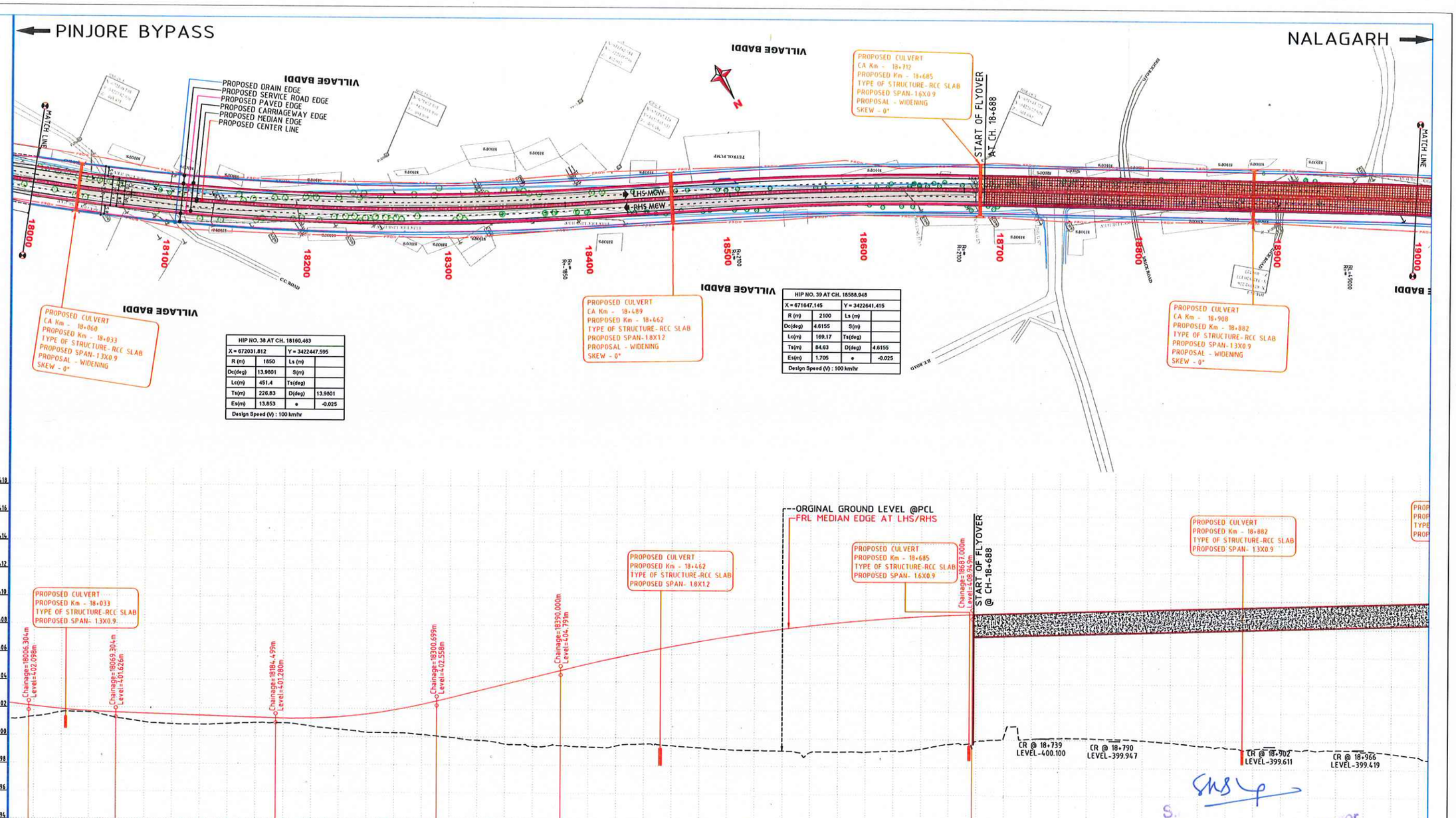
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



HIP NO. 38 AT CH. 18160.463			
X = 672031.812		Y = 3422447.595	
R (m)	1850	Ls (m)	
Dc(deg)	13.9801	S(m)	
Lc(m)	451.4	Ts(deg)	
Ts(m)	226.83	D(deg)	13.9801
Es(m)	13.853	e	-0.025
Design Speed (V) : 100 km/hr			

HIP NO. 39 AT CH. 18588.948			
X = 671647.145		Y = 3422641.415	
R (m)	2100	Ls (m)	
Dc(deg)	4.6155	S(m)	
Lc(m)	169.17	Ts(deg)	
Ts(m)	84.63	D(deg)	4.6155
Es(m)	1.705	e	-0.025
Design Speed (V) : 100 km/hr			

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA
(MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED
PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD.
RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecXKonnect
PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 18+000 TO 19+000)

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200
SIZE: A2

DRG. NO: PINJORE-BYPASS/HW/P&P/15

SHEET: 15 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- EXIST. CARRIAGEWAY
- BUILDING
- TEMPLE
- HT TOWER
- BOUNDARY WALL
- FENCING
- HAND PUMP
- TREE
- ELECRTIC LINE
- HT LINE

PROPOSED PLAN :

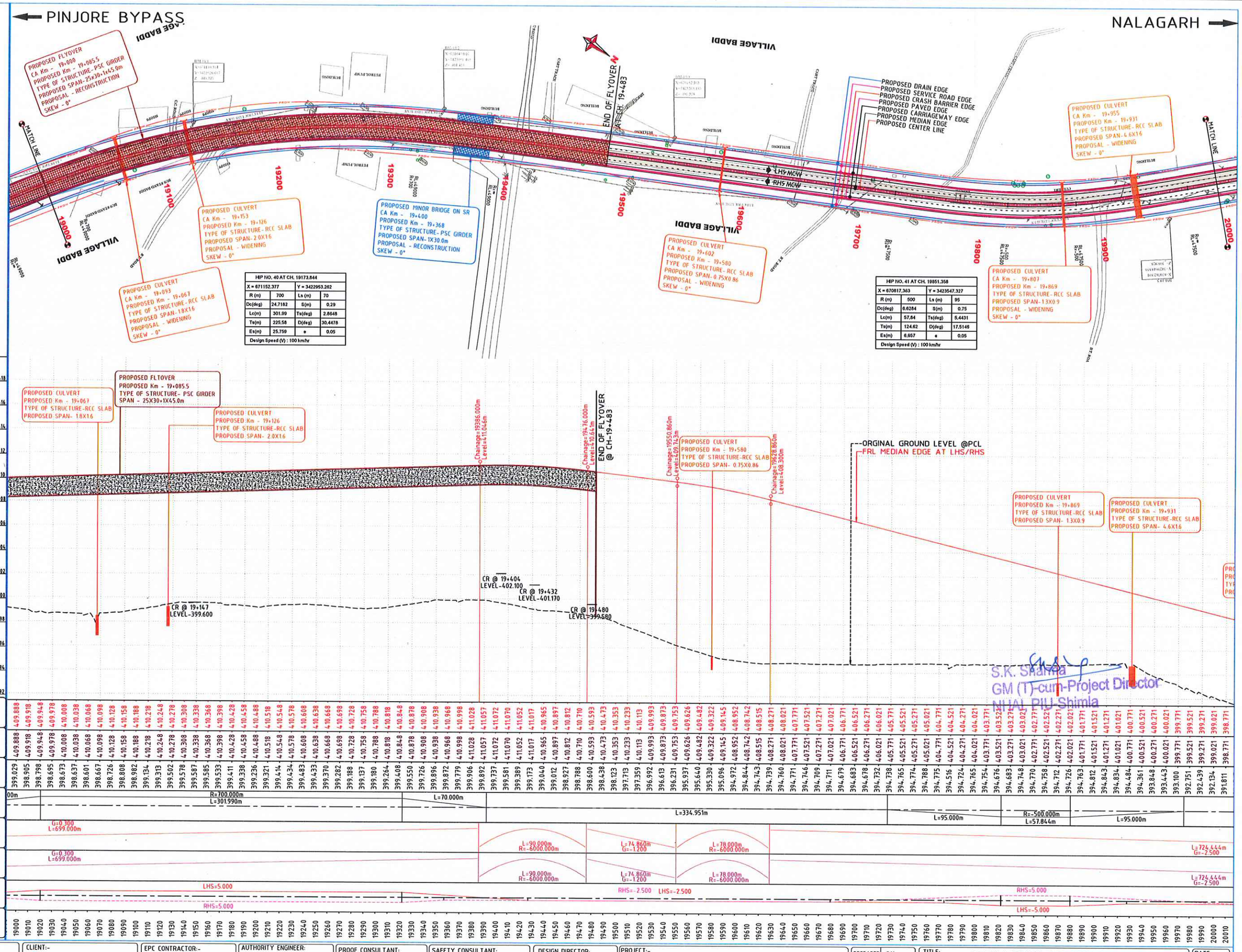
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



HIP NO. 40 AT CH. 19173.844			
X = 671152.377		Y = 3422953.262	
R (m)	700	Ls (m)	70
Dc(deg)	24.7182	S(m)	0.29
Lc(m)	301.99	Ts(deg)	2.8648
Ts(m)	225.58	D(deg)	30.4478
Es(m)	25.759	e	0.05
Design Speed (V) : 100 km/hr			

HIP NO. 41 AT CH. 19851.358			
X = 670817.363		Y = 3423547.327	
R (m)	500	Ls (m)	95
Dc(deg)	6.6284	S(m)	0.75
Lc(m)	57.84	Ts(deg)	5.4431
Ts(m)	124.62	D(deg)	17.5146
Es(m)	6.657	e	0.05
Design Speed (V) : 100 km/hr			

S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, OHANI ROAD, OHANI, VADODARA - 391740 GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD., RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecXonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 19+000 TO 20+000)**

SCALE: HOR -1 : 2000, VER -1 : 200
SIZE: A2
DRG. NO: PINJORE-BYPASS/HW/P&P/16
SHEET: 16 OF 32
REV: R0
DATE: MAR, 2022

LEGEND :

EXISTING PLAN :

- ▨ : EXIST. CARRIAGEWAY
- ☐ : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- —EL—EL— : ELECRTIC LINE
- —HT—HT— : HT LINE

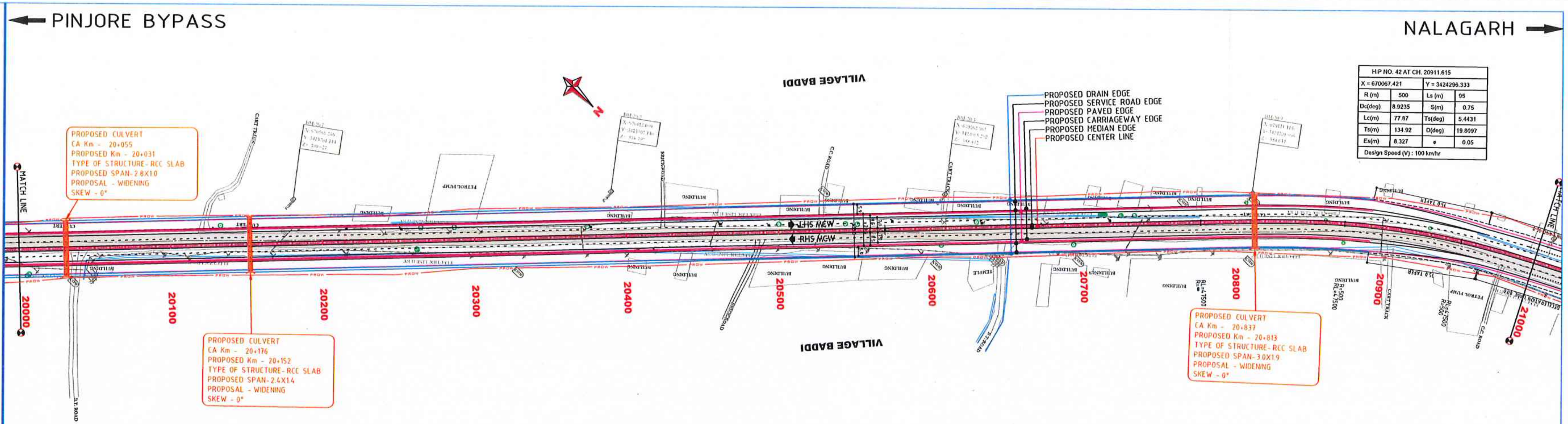
PROPOSED PLAN :

- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

- 🟩 SVUP
- 🟥 LVUP
- 🟦 VUP
- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC

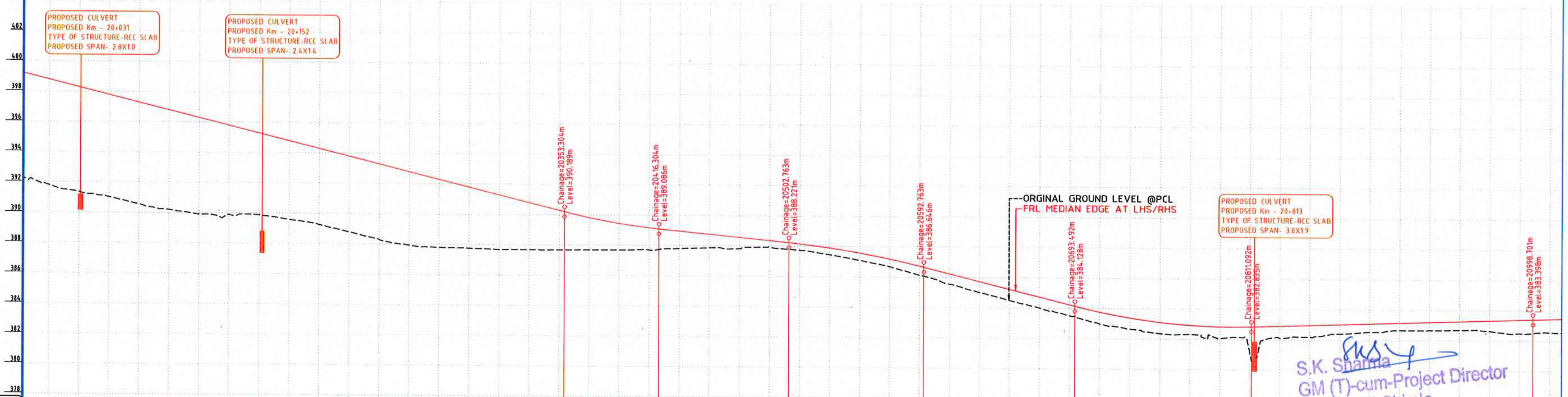


HIP NO. 42 AT CH. 20911.615			
X = 670067.421		Y = 3424296.333	
R (m)	500	Ls (m)	95
Dc(deg)	8.9235	S(m)	0.75
Lc(m)	77.87	Ts(deg)	5.4431
Ts(m)	134.92	D(deg)	19.8097
Es(m)	8.327	e	0.05
Design Speed (V) : 100 km/hr			

PROPOSED CULVERT
CA Km - 20+055
PROPOSED Km - 20+031
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 2.8X10
PROPOSAL - WIDENING
SKEW - 0°

PROPOSED CULVERT
CA Km - 20+176
PROPOSED Km - 20+152
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 2.4X14
PROPOSAL - WIDENING
SKEW - 0°

PROPOSED CULVERT
CA Km - 20+837
PROPOSED Km - 20+813
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 3.0X19
PROPOSAL - WIDENING
SKEW - 0°



PROPOSED CULVERT
PROPOSED Km - 20+031
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 2.8X10

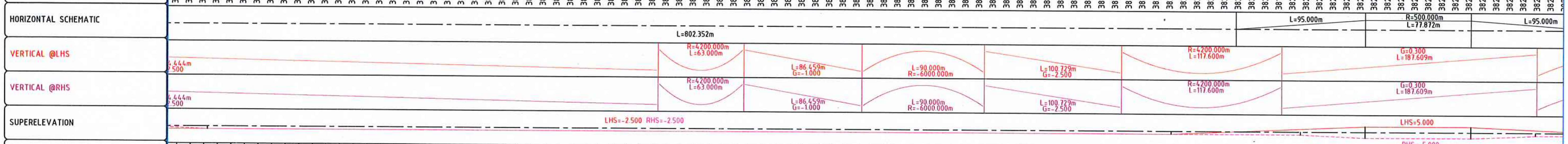
PROPOSED CULVERT
PROPOSED Km - 20+152
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 2.4X14

PROPOSED CULVERT
PROPOSED Km - 20+813
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 3.0X19

S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

DATUM :- 378

CHAINAGE	PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE
20000	399.021	399.021	392.134
20010	398.771	398.771	391.811
20020	398.521	398.521	391.517
20030	398.271	398.271	391.361
20040	398.021	398.021	391.209
20050	397.771	397.771	391.038
20060	397.521	397.521	390.802
20070	397.271	397.271	390.566
20080	397.021	397.021	390.343
20090	396.771	396.771	390.209
20100	396.521	396.521	390.060
20110	396.271	396.271	389.907
20120	396.021	396.021	389.863
20130	395.771	395.771	389.904
20140	395.521	395.521	389.921
20150	395.271	395.271	389.879
20160	395.021	395.021	389.749
20170	394.771	394.771	389.591
20180	394.521	394.521	389.456
20190	394.271	394.271	389.267
20200	394.021	394.021	389.023
20210	393.771	393.771	388.792
20220	393.521	393.521	388.533
20230	393.271	393.271	388.307
20240	393.021	393.021	388.068
20250	392.771	392.771	387.943
20260	392.521	392.521	387.837
20270	392.271	392.271	387.807
20280	392.021	392.021	387.790
20290	391.771	391.771	387.760
20300	391.521	391.521	387.731
20310	391.271	391.271	387.683
20320	391.021	391.021	387.684
20330	390.771	390.771	387.684
20340	390.521	390.521	387.674
20350	390.271	390.271	387.682
20360	390.027	390.027	387.687
20370	389.804	389.804	387.692
20380	389.606	389.606	387.694
20390	389.431	389.431	387.694
20400	389.281	389.281	387.708
20410	389.154	389.154	387.702
20420	389.049	389.049	387.787
20430	388.949	388.949	387.808
20440	388.849	388.849	387.839
20450	388.749	388.749	387.866
20460	388.649	388.649	387.820
20470	388.549	388.549	387.817
20480	388.449	388.449	387.922
20490	388.349	388.349	387.940
20500	388.249	388.249	387.814
20510	388.145	388.145	387.737
20520	388.024	388.024	387.609
20530	387.887	387.887	387.456
20540	387.734	387.734	387.274
20550	387.563	387.563	387.091
20560	387.376	387.376	386.895
20570	387.172	387.172	386.682
20580	386.952	386.952	386.407
20590	386.715	386.715	386.136
20600	386.466	386.466	385.880
20610	386.216	386.216	385.553
20620	385.966	385.966	385.280
20630	385.716	385.716	385.019
20640	385.466	385.466	384.767
20650	385.216	385.216	384.507
20660	384.966	384.966	384.263
20670	384.716	384.716	384.009
20680	384.466	384.466	383.759
20690	384.216	384.216	383.513
20700	383.971	383.971	383.250
20710	383.748	383.748	382.988
20720	383.549	383.549	382.821
20730	383.374	383.374	382.651
20740	383.223	383.223	382.486
20750	383.096	383.096	382.372
20760	382.992	382.992	382.297
20770	382.912	382.912	382.316
20780	382.856	382.856	382.091
20790	382.824	382.824	382.067
20800	382.816	382.816	382.156
20810	382.832	382.832	381.151
20820	382.861	382.861	382.009
20830	382.891	382.891	382.114
20840	382.921	382.921	382.208
20850	382.951	382.951	382.182
20860	382.981	382.981	382.296
20870	383.011	383.011	382.412
20880	383.041	383.041	382.462
20890	383.071	383.071	382.528
20900	383.101	383.101	382.571
20910	383.131	383.131	382.659
20920	383.161	383.161	382.658
20930	383.191	383.191	382.663
20940	383.221	383.221	382.679
20950	383.251	383.251	382.694
20960	383.281	383.281	382.721
20970	383.311	383.311	382.639
20980	383.341	383.341	382.514
20990	383.371	383.371	382.494
21000	383.401	383.401	382.531
21010	383.430	383.430	382.562



REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:-
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:-
PATEL INFRASTRUCTURE LIMITED
PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740, GUJARAT, INDIA

AUTHORITY ENGINEER:
CHAITANYA PROJECTS CONSULTANCY PVT. LTD.
RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR:
TecKonnect
PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:-
FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE:
PLAN & PROFILE OF MAIN CARRIAGEWAY
(FROM KM. 20+000 TO 21+000)

DATE: MAR, 2022

SCALE: HOR -1 : 2000
VER -1 : 200
SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/17**

SHEET: 17 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

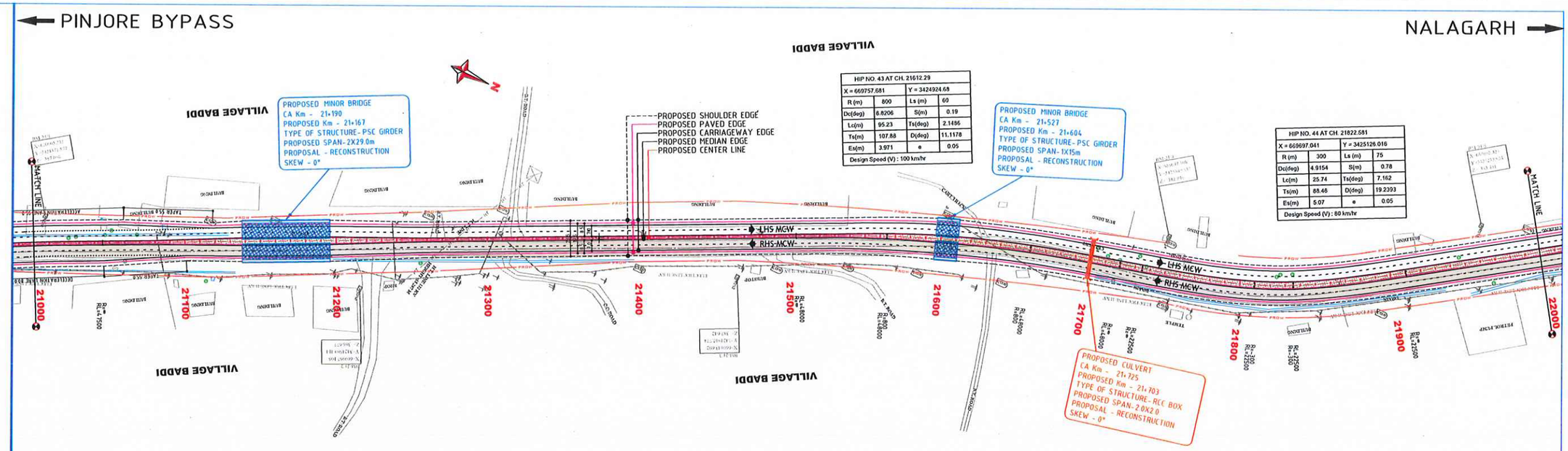
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

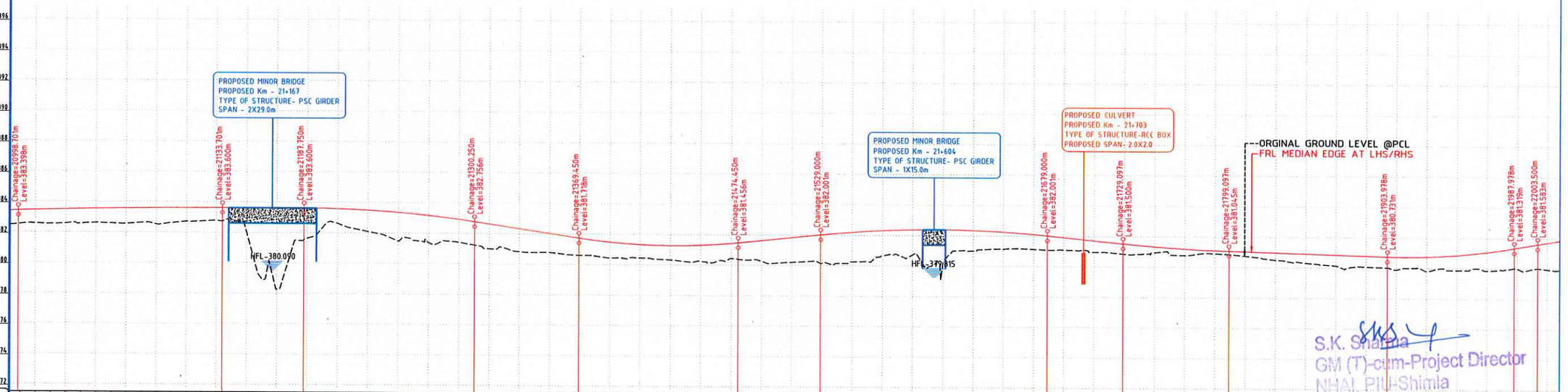
SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC





DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	383.401, 383.430, 383.456, 383.481, 383.502, 383.522, 383.540, 383.555, 383.568, 383.579, 383.587, 383.594, 383.598, 383.600, 383.600, 383.600, 383.600, 383.600, 383.600, 383.600, 383.600, 383.600, 383.590, 383.567, 383.531, 383.481, 383.418, 383.342, 383.252, 383.149, 383.033, 382.903, 382.760, 382.610, 382.460, 382.310, 382.160, 382.010, 381.860, 381.710, 381.573, 381.460, 381.371, 381.306, 381.264, 381.246, 381.253, 381.282, 381.336, 381.414, 381.511, 381.611, 381.711, 381.811, 381.911, 382.011, 382.103, 382.182, 382.247, 382.299, 382.338, 382.375, 382.374, 382.359, 382.331, 382.290, 382.235, 382.167, 382.086, 381.991, 381.891, 381.791, 381.691, 381.591, 381.491, 381.397, 381.313, 381.239, 381.175, 381.121, 381.077, 381.043, 381.013, 380.983, 380.953, 380.923, 380.893, 380.863, 380.833, 380.803, 380.773, 380.743, 380.717, 380.713, 380.713, 380.733, 380.777, 380.845, 380.936, 381.051, 381.191, 381.353, 381.523, 381.583
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	383.401, 383.430, 383.456, 383.481, 383.502, 383.522, 383.540, 383.555, 383.568, 383.579, 383.587, 383.594, 383.598, 383.600, 383.600, 383.600, 383.600, 383.600, 383.600, 383.600, 383.600, 383.590, 383.567, 383.531, 383.481, 383.418, 383.342, 383.252, 383.149, 383.033, 382.903, 382.760, 382.610, 382.460, 382.310, 382.160, 382.010, 381.860, 381.710, 381.573, 381.460, 381.371, 381.306, 381.264, 381.246, 381.253, 381.282, 381.336, 381.414, 381.511, 381.611, 381.711, 381.811, 381.911, 382.011, 382.103, 382.182, 382.247, 382.299, 382.338, 382.375, 382.374, 382.359, 382.331, 382.290, 382.235, 382.167, 382.086, 381.991, 381.891, 381.791, 381.691, 381.591, 381.491, 381.397, 381.313, 381.239, 381.175, 381.121, 381.077, 381.043, 381.013, 380.983, 380.953, 380.923, 380.893, 380.863, 380.833, 380.803, 380.773, 380.743, 380.717, 380.713, 380.713, 380.733, 380.777, 380.845, 380.936, 381.051, 381.191, 381.353, 381.523, 381.583
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	382.531, 382.562, 382.535, 382.565, 382.556, 382.610, 382.582, 382.559, 382.624, 382.529, 382.616, 382.714, 382.732, 382.778, 382.846, 381.989, 378.957, 378.262, 380.896, 381.634, 382.317, 382.618, 382.298, 382.090, 381.891, 381.472, 381.515, 381.373, 381.510, 381.411, 381.238, 380.991, 381.051, 380.813, 380.770, 380.780, 380.659, 380.597, 380.558, 380.436, 380.397, 380.436, 380.320, 380.217, 380.234, 380.213, 380.428, 380.336, 380.258, 380.144, 380.191, 380.250, 380.142, 380.147, 380.250, 380.278, 380.657, 380.730, 380.719, 379.910, 380.228, 381.012, 381.004, 381.110, 381.120, 381.169, 381.126, 381.079, 381.091, 381.054, 380.953, 380.940, 380.837, 380.836, 380.945, 380.823, 380.761, 380.895, 380.835, 380.745, 380.639, 380.493, 380.367, 380.306, 380.201, 380.134, 380.050, 380.079, 380.043, 379.899, 379.820, 379.997, 379.872, 379.993, 379.846, 379.902, 380.001, 379.963, 379.941, 381.690
HORIZONTAL SCHEMATIC	95.000m; L=459.144m; L=60.000m; R=800.000m L=95.236m; L=60.000m; L=14.855m; L=75.000m; R=-300.000m L=25.737m; L=75.000m
VERTICAL @LHS	L=135.000m R=-45000.000m; G=0.000 L=54.049m; L=112.500m R=-7500.000m; L=69.200m G=-1.500; R=4200.000m L=105.000m; G=1.000 L=54.550m; L=150.000m R=-7500.000m; L=50.097m G=-1.000; R=10000.000m L=70.000m; L=104.881m G=-0.300; R=4200.000m L=84.000m; G=1.700 L=15.822m
VERTICAL @RHS	L=135.000m R=-45000.000m; G=0.000 L=54.049m; L=112.500m R=-7500.000m; L=69.200m G=-1.500; R=4200.000m L=105.000m; G=1.000 L=54.550m; L=150.000m R=-7500.000m; L=50.097m G=-1.000; R=10000.000m L=70.000m; L=104.881m G=-0.300; R=4200.000m L=84.000m; G=1.700 L=15.822m
SUPERELEVATION	LHS=-2.500 RHS=-2.500; LHS=5.000 RHS=-5.000; LHS=-2.500 RHS=-2.500; RHS=5.000 LHS=-5.000
CHAINAGE	21000, 21010, 21020, 21030, 21040, 21050, 21060, 21070, 21080, 21090, 21100, 21110, 21120, 21130, 21140, 21150, 21160, 21170, 21180, 21190, 21200, 21210, 21220, 21230, 21240, 21250, 21260, 21270, 21280, 21290, 21300, 21310, 21320, 21330, 21340, 21350, 21360, 21370, 21380, 21390, 21400, 21410, 21420, 21430, 21440, 21450, 21460, 21470, 21480, 21490, 21500, 21510, 21520, 21530, 21540, 21550, 21560, 21570, 21580, 21590, 21600, 21610, 21620, 21630, 21640, 21650, 21660, 21670, 21680, 21690, 21700, 21710, 21720, 21730, 21740, 21750, 21760, 21770, 21780, 21790, 21800, 21810, 21820, 21830, 21840, 21850, 21860, 21870, 21880, 21890, 21900, 21910, 21920, 21930, 21940, 21950, 21960, 21970, 21980, 21990, 22000, 22010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, OHANA ROAD, OHANA, VADODARA - 391740, GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD., RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecXKonnect, PLOT NO 3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 21+000 TO 22+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/18**

SHEET: 18 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

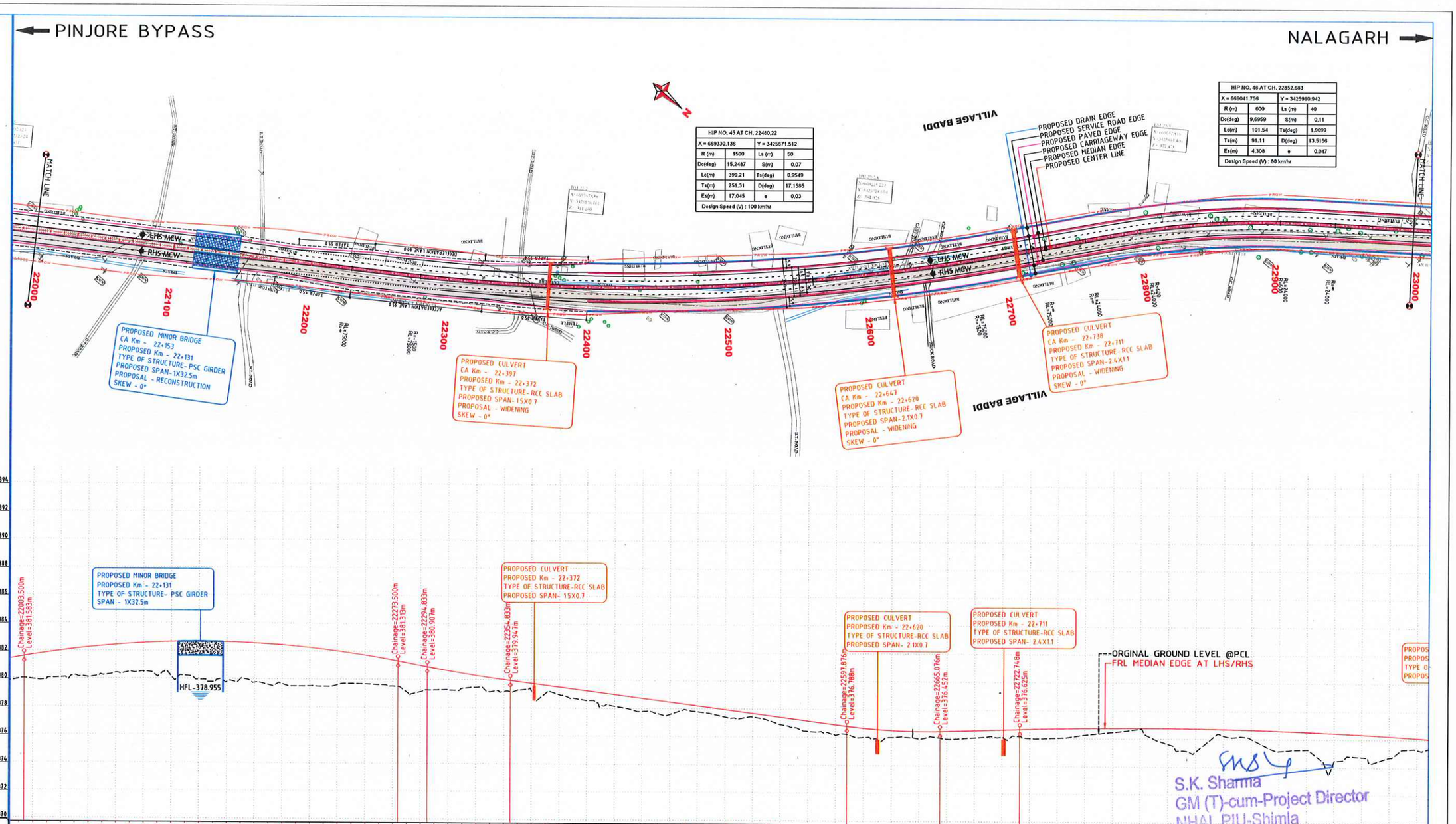
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	381.523, 381.690, 381.845, 381.986, 382.114, 382.229, 382.330, 382.418, 382.493, 382.554, 382.602, 382.637, 382.658, 382.666, 382.661, 382.642, 382.610, 382.565, 382.506, 382.434, 382.349, 382.250, 382.138, 382.013, 381.874, 381.722, 381.557, 381.378, 381.189, 380.999, 380.810, 380.631, 380.461, 380.301, 380.151, 380.011, 379.880, 379.750, 379.620, 379.490, 379.360, 379.230, 379.100, 378.970, 378.840, 378.710, 378.580, 378.450, 378.320, 378.190, 378.060, 377.930, 377.800, 377.670, 377.540, 377.410, 377.280, 377.150, 377.020, 376.890, 376.761, 376.647, 376.558, 376.493, 376.451, 376.433, 376.439, 376.466, 376.496, 376.526, 376.556, 376.586, 376.616, 376.646, 376.671, 376.694, 376.713, 376.729, 376.742, 376.751, 376.757, 376.760, 376.759, 376.755, 376.747, 376.736, 376.722, 376.705, 376.684, 376.660, 376.633, 376.602, 376.568, 376.530, 376.490, 376.446, 376.398, 376.347, 376.293, 376.236, 376.175, 376.111
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	381.523, 381.690, 381.845, 381.986, 382.229, 382.330, 382.418, 382.493, 382.554, 382.602, 382.637, 382.658, 382.666, 382.661, 382.642, 382.610, 382.565, 382.506, 382.434, 382.349, 382.250, 382.138, 382.013, 381.874, 381.722, 381.557, 381.378, 381.189, 380.999, 380.810, 380.631, 380.461, 380.301, 380.151, 380.011, 379.880, 379.750, 379.620, 379.490, 379.360, 379.230, 379.100, 378.970, 378.840, 378.710, 378.580, 378.450, 378.320, 378.190, 378.060, 377.930, 377.800, 377.670, 377.540, 377.410, 377.280, 377.150, 377.020, 376.890, 376.761, 376.647, 376.558, 376.493, 376.451, 376.433, 376.439, 376.466, 376.496, 376.526, 376.556, 376.586, 376.616, 376.646, 376.671, 376.694, 376.713, 376.729, 376.742, 376.751, 376.757, 376.760, 376.759, 376.755, 376.747, 376.736, 376.722, 376.705, 376.684, 376.660, 376.633, 376.602, 376.568, 376.530, 376.490, 376.446, 376.398, 376.347, 376.293, 376.236, 376.175, 376.111
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	379.963, 379.941, 379.913, 380.066, 380.214, 380.090, 380.266, 380.416, 380.493, 380.478, 380.166, 380.221, 379.938, 379.785, 379.781, 379.986, 379.746, 379.596, 379.655, 379.491, 379.511, 379.477, 379.597, 379.698, 379.665, 379.620, 379.515, 379.107, 379.115, 379.262, 379.372, 379.459, 379.133, 379.161, 379.256, 379.267, 379.013, 378.959, 378.718, 378.555, 378.173, 378.148, 377.979, 377.790, 377.662, 377.579, 377.919, 377.778, 377.642, 377.412, 377.294, 377.428, 377.240, 376.899, 376.708, 376.417, 376.389, 376.156, 376.175, 376.003, 375.872, 376.017, 376.030, 375.923, 376.068, 375.918, 375.950, 376.020, 376.110, 376.079, 376.158, 376.002, 375.996, 376.039, 376.116, 376.265, 376.359, 376.479, 376.572, 376.714, 375.986, 375.626, 375.178, 375.108, 375.912, 376.249, 376.162, 376.032, 375.518, 375.170, 375.271, 375.284, 374.595, 374.428, 374.817, 374.760, 374.414, 374.728, 375.306, 375.301
HORIZONTAL SCHEMATIC	L=318.987m; L=50.000m; R=-1500.000m L=399.209m; L=50.000m; L=33.157m; L=40.000m; R=600.000m L=101.534m; L=40.000m
VERTICAL @LHS	1.700 15.522m; L=270.000m R=-7500.000m; L=21.333m G=-1.900; R=10000.000m L=60.000m; L=243.043m G=-1.300; R=4200.000m L=67.200m; G=0.300 L=57.672m; L=510.000m R=-30000.000m
VERTICAL @RHS	1.700 15.522m; L=270.000m R=-7500.000m; L=21.333m G=-1.900; R=10000.000m L=60.000m; L=243.043m G=-1.300; R=4200.000m L=67.200m; G=0.300 L=57.672m; L=510.000m R=-30000.000m
SUPERELEVATION	LHS=-2.500 RHS=-2.500; LHS=-2.963; RHS=2.963; LHS=-2.500 RHS=-2.500; LHS=4.741; RHS=-4.741
CHAINAGE	22000, 22010, 22020, 22030, 22040, 22050, 22060, 22070, 22080, 22090, 22100, 22110, 22120, 22130, 22140, 22150, 22160, 22170, 22180, 22190, 22200, 22210, 22220, 22230, 22240, 22250, 22260, 22270, 22280, 22290, 22300, 22310, 22320, 22330, 22340, 22350, 22360, 22370, 22380, 22390, 22400, 22410, 22420, 22430, 22440, 22450, 22460, 22470, 22480, 22490, 22500, 22510, 22520, 22530, 22540, 22550, 22560, 22570, 22580, 22590, 22600, 22610, 22620, 22630, 22640, 22650, 22660, 22670, 22680, 22690, 22700, 22710, 22720, 22730, 22740, 22750, 22760, 22770, 22780, 22790, 22800, 22810, 22820, 22830, 22840, 22850, 22860, 22870, 22880, 22890, 22900, 22910, 22920, 22930, 22940, 22950, 22960, 22970, 22980, 22990, 23000, 23010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA
(MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED
PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD.
RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect
PLOT NO.314 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 22+000 TO 23+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/19**

SHEET: 19 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

RCC BOX CULVERT

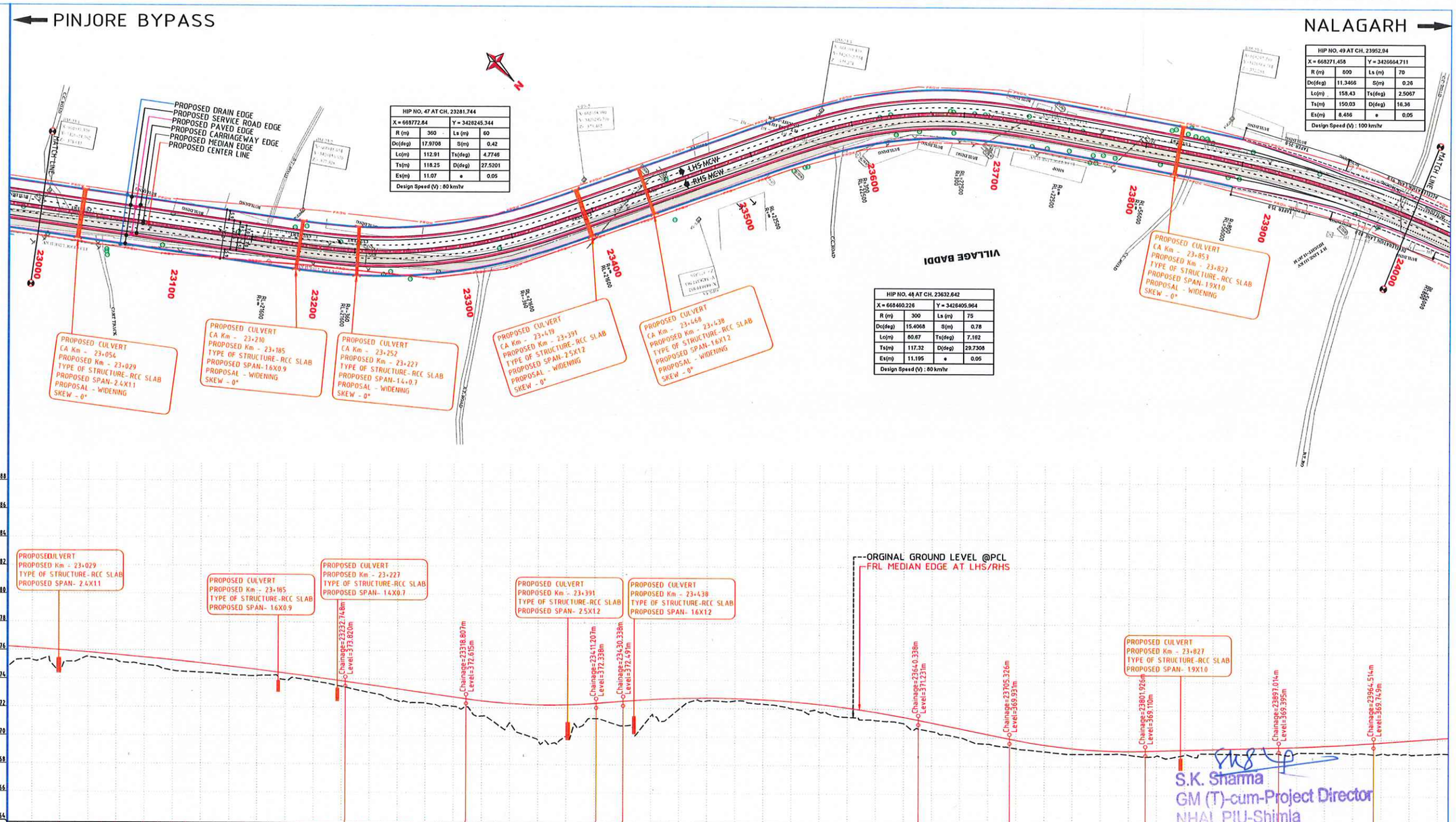
RE WALL

BREAST WALL

RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



HIP NO. 47 AT CH. 23281.744			
X = 668772.84		Y = 3426245.344	
R (m)	360	Ls (m)	60
Dc(deg)	17.9708	S(m)	0.42
Lc(m)	112.91	Ts(deg)	4.7746
Ts(m)	118.25	D(deg)	27.5201
Es(m)	11.07	e	0.05
Design Speed (V) : 80 km/hr			

HIP NO. 48 AT CH. 23632.642			
X = 668460.226		Y = 3426405.964	
R (m)	300	Ls (m)	75
Dc(deg)	15.4068	S(m)	0.78
Lc(m)	80.67	Ts(deg)	7.162
Ts(m)	117.32	D(deg)	29.7308
Es(m)	11.195	e	0.05
Design Speed (V) : 80 km/hr			

HIP NO. 49 AT CH. 23952.94			
X = 668271.458		Y = 3426684.711	
R (m)	600	Ls (m)	70
Dc(deg)	11.3466	S(m)	0.26
Lc(m)	158.43	Ts(deg)	2.5067
Ts(m)	150.03	D(deg)	16.36
Es(m)	8.456	e	0.05
Design Speed (V) : 100 km/hr			

DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	376.175, 376.111, 376.044, 375.973, 375.821, 375.741, 375.657, 375.569, 375.478, 375.384, 375.287, 375.186, 375.082, 374.975, 374.864, 374.750, 374.632, 374.512, 374.388, 374.260, 374.129, 373.995, 373.858, 373.718, 373.578, 373.438, 373.298, 373.158, 373.018, 372.878, 372.738, 372.598, 372.473, 372.372, 372.294, 372.240, 372.210, 372.204, 372.221, 372.263, 372.328, 372.408, 372.488, 372.562, 372.622, 372.669, 372.703, 372.724, 372.731, 372.724, 372.705, 372.672, 372.626, 372.566, 372.493, 372.407, 372.308, 372.195, 372.068, 371.929, 371.776, 371.610, 371.430, 371.237, 371.037, 370.837, 370.637, 370.437, 370.237, 370.037, 369.840, 369.663, 369.510, 369.381, 369.275, 369.193, 369.135, 369.101, 369.091, 369.104, 369.134, 369.164, 369.194, 369.224, 369.254, 369.284, 369.314, 369.344, 369.374, 369.404, 369.440, 369.482, 369.530, 369.586, 369.648, 369.716, 369.791, 369.941, 370.016, 370.091
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	376.175, 376.111, 376.044, 375.973, 375.821, 375.741, 375.657, 375.569, 375.478, 375.384, 375.287, 375.186, 375.082, 374.975, 374.864, 374.750, 374.632, 374.512, 374.388, 374.260, 374.129, 373.995, 373.858, 373.718, 373.578, 373.438, 373.298, 373.158, 373.018, 372.878, 372.738, 372.598, 372.473, 372.372, 372.294, 372.240, 372.210, 372.204, 372.221, 372.263, 372.328, 372.408, 372.488, 372.562, 372.622, 372.669, 372.703, 372.724, 372.731, 372.724, 372.705, 372.672, 372.626, 372.566, 372.493, 372.407, 372.308, 372.195, 372.068, 371.929, 371.776, 371.610, 371.430, 371.237, 371.037, 370.837, 370.637, 370.437, 370.237, 370.037, 369.840, 369.663, 369.510, 369.381, 369.275, 369.193, 369.135, 369.101, 369.091, 369.104, 369.134, 369.164, 369.194, 369.224, 369.254, 369.284, 369.314, 369.344, 369.374, 369.404, 369.440, 369.482, 369.530, 369.586, 369.648, 369.716, 369.791, 369.941, 370.016, 370.091
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	375.306, 375.301, 375.436, 374.461, 375.176, 375.517, 375.396, 375.288, 375.081, 374.970, 374.848, 374.570, 374.484, 374.435, 374.380, 374.296, 374.234, 374.215, 374.244, 373.929, 374.018, 373.857, 373.689, 373.484, 373.255, 373.050, 372.813, 372.472, 372.344, 372.316, 372.093, 372.064, 371.414, 370.921, 370.945, 370.133, 369.735, 369.507, 370.020, 370.686, 371.270, 371.040, 370.768, 370.187, 371.437, 371.112, 371.929, 372.527, 372.548, 372.518, 372.552, 372.420, 372.333, 372.236, 371.776, 371.786, 371.564, 371.436, 371.259, 371.211, 371.152, 371.005, 370.653, 370.455, 370.234, 370.027, 369.688, 369.587, 369.416, 369.271, 369.162, 369.063, 368.952, 368.892, 368.898, 368.915, 368.920, 368.864, 368.731, 368.806, 368.661, 368.860, 368.956, 368.963, 368.951, 368.924, 368.965, 368.978, 368.923, 369.035, 369.053, 369.054, 368.979, 368.988, 369.025, 370.025
HORIZONTAL SCHEMATIC	L=221.491m; L=60.000m; R=-360.000m L=112.914m; L=60.000m; L=119.328m; L=75.000m; R=300.000m L=80.671m; L=75.000m; L=55.734m; L=70.000m; R=800.000m L=158.429m
VERTICAL @LHS	R=4200.001m L=92.400m; L=86.060m G=-1.400; G=0.800 L=19.130m; L=210.000m R=-7500.002m; L=64.988m G=-2.000; R=4200.001m L=96.600m; G=0.300 L=95.088m; R=15000.000m L=67.500m; G=0.75 L=90.0
VERTICAL @RHS	R=4200.001m L=92.400m; L=86.060m G=-1.400; G=0.800 L=19.130m; L=210.000m R=-7500.002m; L=64.988m G=-2.000; R=4200.001m L=96.600m; G=0.300 L=95.088m; R=15000.000m L=67.500m; G=0.75 L=90.0
SUPERELEVATION	LHS=-2.500 RHS=-2.500; RHS=5.000; LHS=-2.500 RHS=-2.500; LHS=5.000; LHS=5.000; LHS=-5.000; RHS=-5.000; RHS=-5.000
CHAINAGE	23000, 23010, 23020, 23030, 23040, 23050, 23060, 23070, 23080, 23090, 23100, 23110, 23120, 23130, 23140, 23150, 23160, 23170, 23180, 23190, 23200, 23210, 23220, 23230, 23240, 23250, 23260, 23270, 23280, 23290, 23300, 23310, 23320, 23330, 23340, 23350, 23360, 23370, 23380, 23390, 23400, 23410, 23420, 23430, 23440, 23450, 23460, 23470, 23480, 23490, 23500, 23510, 23520, 23530, 23540, 23550, 23560, 23570, 23580, 23590, 23600, 23610, 23620, 23630, 23640, 23650, 23660, 23670, 23680, 23690, 23700, 23710, 23720, 23730, 23740, 23750, 23760, 23770, 23780, 23790, 23800, 23810, 23820, 23830, 23840, 23850, 23860, 23870, 23880, 23890, 23900, 23910, 23920, 23930, 23940, 23950, 23960, 23970, 23980, 23990, 24000, 24010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD., RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 23+000 TO 24+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/20**

SHEET: 20 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

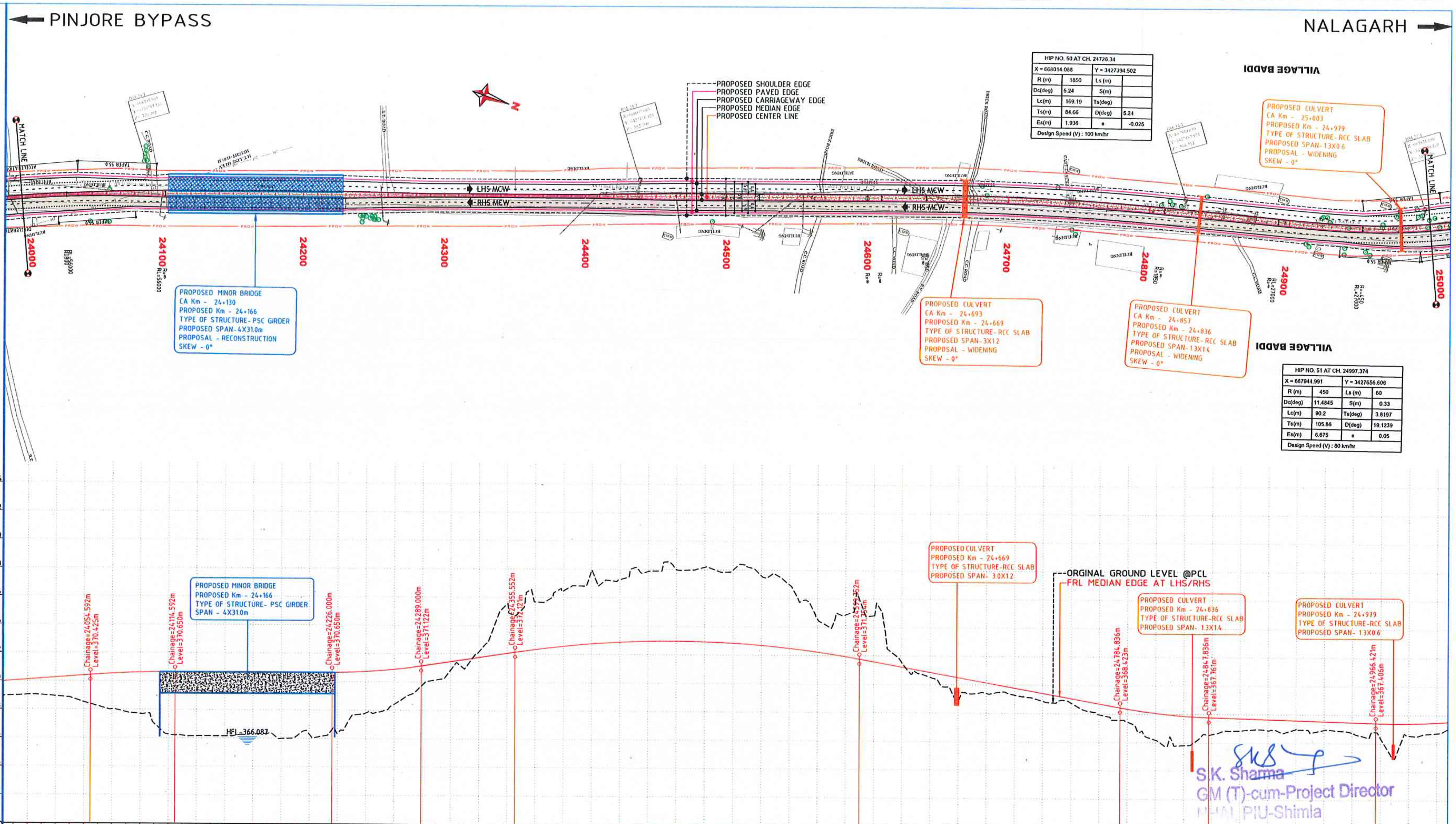
- PROW — PRO. ROW
- TOE LINE
- SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE
- TOE LINE
- PROW — PRO. ROW

▩ SVUP ▩ LVUP ▩ VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



PROPOSED MINOR BRIDGE
CA Km - 24+130
PROPOSED Km - 24+166
TYPE OF STRUCTURE- PSC GIRDER
PROPOSED SPAN-4X31.0m
PROPOSAL - RECONSTRUCTION
SKEW - 0°

PROPOSED CULVERT
CA Km - 24+693
PROPOSED Km - 24+669
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 3X12
PROPOSAL - WIDENING
SKEW - 0°

PROPOSED CULVERT
CA Km - 24+857
PROPOSED Km - 24+836
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 13X14
PROPOSAL - WIDENING
SKEW - 0°

PROPOSED CULVERT
CA Km - 25+003
PROPOSED Km - 24+979
TYPE OF STRUCTURE- RCC SLAB
PROPOSED SPAN- 13X0.6
PROPOSAL - WIDENING
SKEW - 0°

HIP NO. 50 AT CH. 24726.34			
X = 668014.088		Y = 3427394.502	
R (m)	1850	Ls (m)	
Dc(deg)	5.24	S(m)	
Lc(m)	169.19	Ts(deg)	
Ts(m)	84.66	D(deg)	5.24
Es(m)	1.936	e	-0.025
Design Speed (V) : 100 km/hr			

HIP NO. 51 AT CH. 24997.374			
X = 667944.991		Y = 3427656.606	
R (m)	450	Ls (m)	60
Dc(deg)	11.4845	S(m)	0.33
Lc(m)	90.2	Ts(deg)	3.8197
Ts(m)	105.86	D(deg)	19.1239
Es(m)	6.675	e	0.05
Design Speed (V) : 80 km/hr			

PROPOSED MINOR BRIDGE
PROPOSED Km - 24+166
TYPE OF STRUCTURE- PSC GIRDER
SPAN - 4X31.0m

PROPOSED CULVERT
PROPOSED Km - 24+669
TYPE OF STRUCTURE-RCC SLAB
PROPOSED SPAN- 3X12

PROPOSED CULVERT
PROPOSED Km - 24+836
TYPE OF STRUCTURE-RCC SLAB
PROPOSED SPAN- 13X14

PROPOSED CULVERT
PROPOSED Km - 24+979
TYPE OF STRUCTURE-RCC SLAB
PROPOSED SPAN- 13X0.6

S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	370.016	370.091	370.166	370.241	370.316	370.391	370.464	370.526	370.575	370.612	370.637	370.649	370.650	370.650	370.650	370.650	370.650
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	370.016	370.091	370.166	370.241	370.316	370.391	370.464	370.526	370.575	370.612	370.637	370.649	370.650	370.650	370.650	370.650	370.650
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	368.979	369.025	369.017	368.942	368.856	368.517	368.243	368.018	367.829	367.708	367.032	366.266	366.188	366.150	366.157	366.148	366.242
CHAINAGE	24000	24010	24020	24030	24040	24050	24060	24070	24080	24090	24100	24110	24120	24130	24140	24150	24160

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	370.650	370.650	370.650	370.650	370.650	370.650	370.652	370.673	370.719	370.788	370.880	370.997	371.138	371.288	371.438	371.588	371.738
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	370.650	370.650	370.650	370.650	370.650	370.650	370.652	370.673	370.719	370.788	370.880	370.997	371.138	371.288	371.438	371.588	371.738
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	366.333	366.327	365.981	366.070	366.309	366.170	366.345	367.573	367.793	367.884	368.419	369.059	369.791	370.161	370.853	370.957	372.159
CHAINAGE	24170	24180	24190	24200	24210	24220	24230	24240	24250	24260	24270	24280	24290	24300	24310	24320	24330

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	371.888	372.038	372.186	372.323	372.447	372.557	372.654	372.737	372.807	372.863	372.906	372.935	372.950	372.952	372.941	372.916	372.878
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	371.888	372.038	372.186	372.323	372.447	372.557	372.654	372.737	372.807	372.863	372.906	372.935	372.950	372.952	372.941	372.916	372.878
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	373.745	375.509	375.091	375.688	375.877	376.473	376.831	377.943	377.244	377.290	378.104	377.864	377.952	378.009	377.977	378.175	377.890
CHAINAGE	24340	24350	24360	24370	24380	24390	24400	24410	24420	24430	24440	24450	24460	24470	24480	24490	24500

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	372.826	372.760	372.681	372.589	372.483	372.363	372.230	372.084	371.924	371.750	371.570	371.390	371.210	371.030	370.850	370.670	370.490
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	372.826	372.760	372.681	372.589	372.483	372.363	372.230	372.084	371.924	371.750	371.570	371.390	371.210	371.030	370.850	370.670	370.490
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	377.995	378.222	377.588	377.697	376.974	375.874	374.566	373.950	374.875	375.913	374.816	372.476	371.551	370.864	370.527	369.841	368.837
CHAINAGE	24510	24520	24530	24540	24550	24560	24570	24580	24590	24600	24610	24620	24630	24640	24650	24660	24670

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	370.310	370.130	369.950	369.770	369.590	369.410	369.230	369.050	368.870	368.690	368.510	368.333	368.177	368.045	367.937	367.853	367.792
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	370.310	370.130	369.950	369.770	369.590	369.410	369.230	369.050	368.870	368.690	368.510	368.333	368.177	368.045	367.937	367.853	367.792
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	369.363	369.400	369.489	369.294	369.130	368.865	368.796	368.755	368.239	367.941	367.568	367.453	366.782	366.171	366.267	365.799	366.193
CHAINAGE	24680	24690	24700	24710	24720	24730	24740	24750	24760	24770	24780	24790	24800	24810	24820	24830	24840

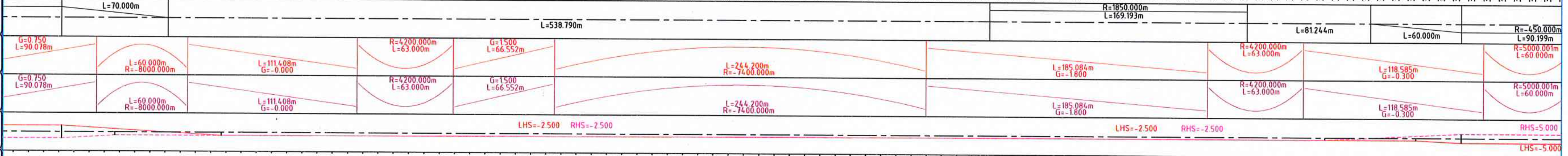
PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	367.755	367.725	367.695	367.665	367.635	367.605	367.575	367.545	367.515	367.485	367.455	367.425	367.396	367.383	367.391	367.418	367.465
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	367.755	367.725	367.695	367.665	367.635	367.605	367.575	367.545	367.515	367.485	367.455	367.425	367.396	367.383	367.391	367.418	367.465
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	366.576	366.837	366.845	366.932	366.877	366.693	366.971	366.709	366.924	366.869	366.677	366.429	366.355	364.928	366.556	366.631	366.731
CHAINAGE	24850	24860	24870	24880	24890	24900	24910	24920	24930	24940	24950	24960	24970	24980	24990	25000	25010

HORIZONTAL SCHEMATIC

VERTICAL @LHS

VERTICAL @RHS

SUPERELEVATION



REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:-
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:-
PATEL INFRASTRUCTURE LIMITED
PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740 GUJARAT, INDIA

AUTHORITY ENGINEER:
CHAITANYA PROJECTS CONSULTANCY PVT. LTD.
RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR:
TecKonnect
PLOT NO.3141 BASEMENT, SECTOR-57
NEAR RAIL VIHAR, GURGAON-122011

PROJECT:-
FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE:
PLAN & PROFILE OF MAIN CARRIAGEWAY
(FROM KM. 24+000 TO 25+000)

DATE: MAR, 2022

SCALE: HOR -1 : 2000
VER -1 : 200
SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/21**

SHEET: 21 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
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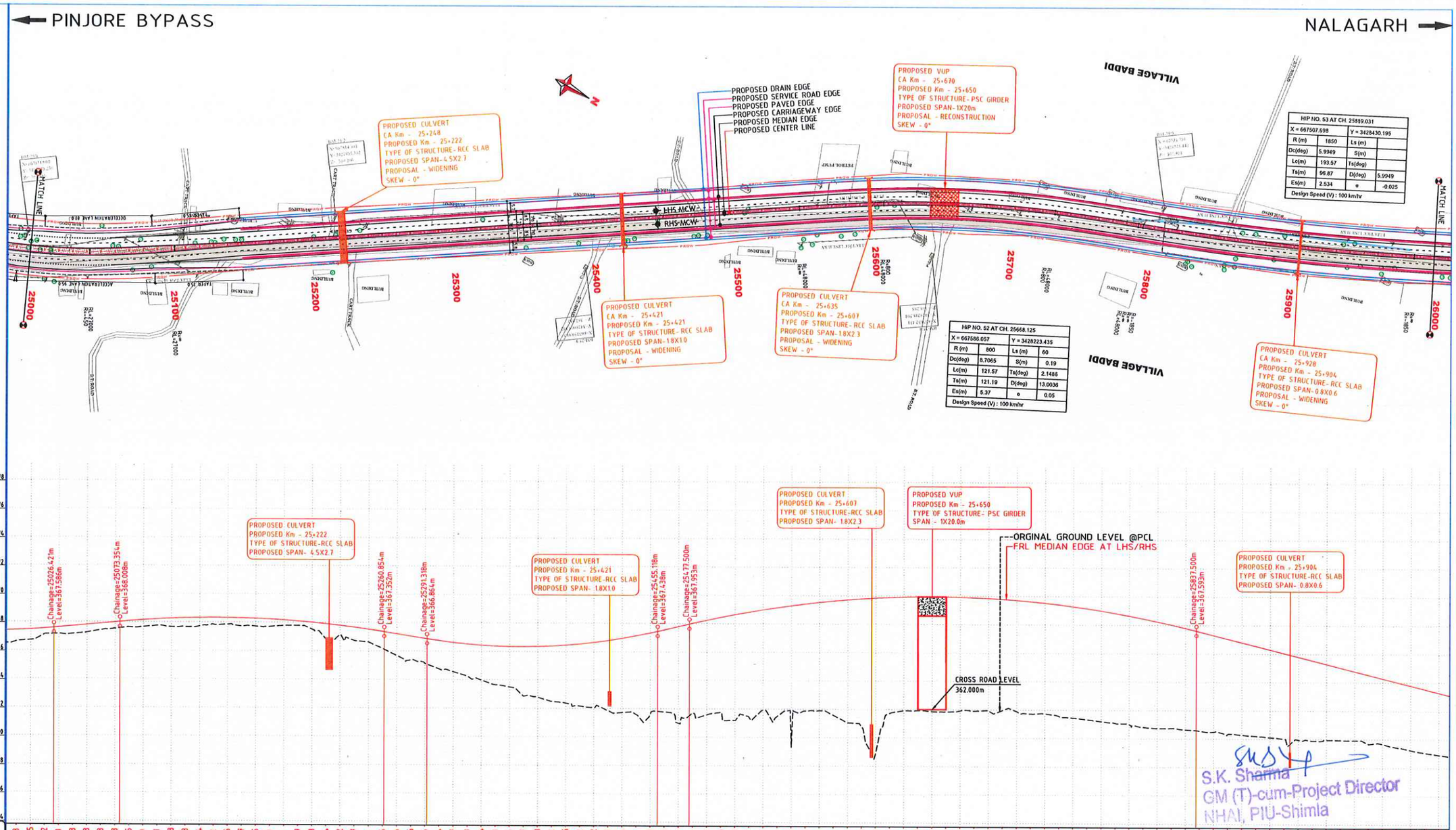
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	367.418, 367.465, 367.532, 367.618, 367.708, 367.798, 367.888, 367.978, 368.139, 368.201, 368.248, 368.283, 368.304, 368.312, 368.306, 368.287, 368.255, 368.210, 368.151, 368.079, 367.993, 367.894, 367.782, 367.657, 367.518, 367.365, 367.206, 367.046, 366.886, 366.734, 366.607, 366.503, 366.424, 366.368, 366.335, 366.327, 366.343, 366.382, 366.445, 366.532, 366.642, 366.777, 366.935, 367.117, 367.323, 367.550, 367.780, 368.010, 368.230, 368.436, 368.810, 368.976, 369.130, 369.270, 369.396, 369.510, 369.610, 369.696, 369.770, 369.830, 369.876, 369.910, 369.930, 369.936, 369.930, 369.910, 369.876, 369.830, 369.770, 369.696, 369.610, 369.510, 369.396, 369.270, 369.130, 368.976, 368.810, 368.630, 368.436, 368.230, 368.010, 367.776, 367.530, 367.280, 367.030, 366.780, 366.530, 366.280, 366.030, 365.780, 365.530, 365.280, 365.030, 364.780, 364.530, 364.280, 364.030, 363.780, 363.530, 363.280
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	367.418, 367.465, 367.532, 367.618, 367.798, 367.888, 367.978, 368.139, 368.201, 368.248, 368.304, 368.312, 368.287, 368.255, 368.210, 368.079, 367.993, 367.894, 367.782, 367.657, 367.518, 367.365, 367.206, 367.046, 366.886, 366.734, 366.607, 366.503, 366.424, 366.368, 366.335, 366.327, 366.343, 366.382, 366.445, 366.532, 366.642, 366.777, 366.935, 367.117, 367.323, 367.550, 367.780, 368.010, 368.230, 368.436, 368.810, 368.976, 369.130, 369.270, 369.396, 369.510, 369.610, 369.696, 369.770, 369.830, 369.876, 369.910, 369.930, 369.936, 369.930, 369.910, 369.876, 369.830, 369.770, 369.696, 369.610, 369.510, 369.396, 369.270, 369.130, 368.976, 368.810, 368.630, 368.436, 368.230, 368.010, 367.776, 367.530, 367.280, 367.030, 366.780, 366.530, 366.280, 366.030, 365.780, 365.530, 365.280, 365.030, 364.780, 364.530, 364.280, 364.030, 363.780, 363.530, 363.280
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	366.631, 366.731, 367.133, 367.162, 367.166, 367.263, 367.434, 367.536, 367.645, 367.668, 367.759, 367.670, 367.666, 367.724, 367.845, 367.847, 367.728, 367.720, 367.701, 367.773, 367.776, 367.523, 366.810, 367.137, 366.734, 366.620, 366.173, 365.687, 365.392, 365.142, 364.755, 364.560, 364.254, 363.976, 363.649, 363.500, 362.859, 362.776, 362.490, 362.374, 362.170, 361.195, 361.071, 361.853, 361.591, 361.605, 361.772, 360.985, 361.714, 361.579, 361.762, 361.967, 361.885, 361.724, 361.737, 361.565, 361.455, 361.341, 361.214, 361.099, 361.006, 360.816, 360.732, 360.649, 360.567, 360.505, 360.340, 360.294, 360.215, 360.123, 360.027, 359.963, 359.902, 359.954, 359.943, 359.933, 359.680, 359.683, 359.447, 359.254, 359.070, 358.928
HORIZONTAL SCHEMATIC	L=450.000m; 90.199m; L=60.000m; L=444.903m; L=60.000m; R=800.000m L=121.565m; L=60.000m; L=3.371m; R=-1850.000m L=193.565m
VERTICAL @LHS	5000.001m 60.000m; G=0.900 L=46.933m; L=187.500m R=-7500.002m; L=30.464m G=-1.600; R=4200.001m L=163.800m; G=2.300 L=22.382m; L=360.000m R=-7500.000m
VERTICAL @RHS	5000.001m 60.000m; G=0.900 L=46.933m; L=187.500m R=-7500.002m; L=30.464m G=-1.600; R=4200.001m L=163.800m; G=2.300 L=22.382m; L=360.000m R=-7500.000m
SUPERELEVATION	HS=5.000; HS=-5.000; LHS=-2.500; RHS=-2.500; LHS=5.000; RHS=-5.000
CHAINAGE	25000, 25010, 25020, 25030, 25040, 25050, 25060, 25070, 25080, 25090, 25100, 25110, 25120, 25130, 25140, 25150, 25160, 25170, 25180, 25190, 25200, 25210, 25220, 25230, 25240, 25250, 25260, 25270, 25280, 25290, 25300, 25310, 25320, 25330, 25340, 25350, 25360, 25370, 25380, 25390, 25400, 25410, 25420, 25430, 25440, 25450, 25460, 25470, 25480, 25490, 25500, 25510, 25520, 25530, 25540, 25550, 25560, 25570, 25580, 25590, 25600, 25610, 25620, 25630, 25640, 25650, 25660, 25670, 25680, 25690, 25700, 25710, 25720, 25730, 25740, 25750, 25760, 25770, 25780, 25790, 25800, 25810, 25820, 25830, 25840, 25850, 25860, 25870, 25880, 25890, 25900, 25910, 25920, 25930, 25940, 25950, 25960, 25970, 25980, 25990, 26000, 26010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD. RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 25+000 TO 26+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/22**

SHEET: 22 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

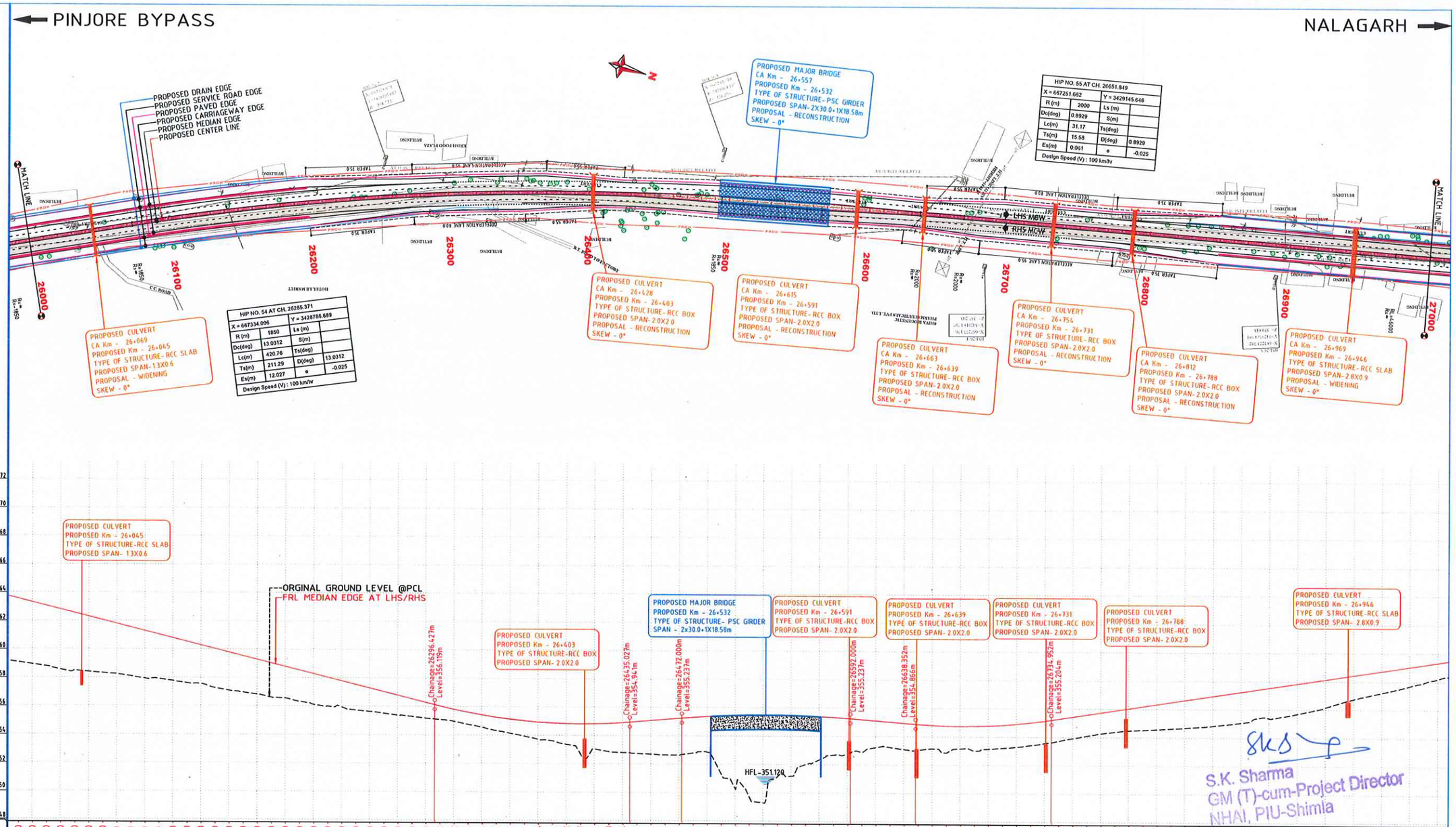
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	363.530, 363.280, 363.030, 362.780, 362.530, 362.280, 362.030, 361.780, 361.530, 361.280, 361.030, 360.780, 360.530, 360.280, 360.030, 359.780, 359.530, 359.280, 359.030, 358.780, 358.530, 358.280, 358.030, 357.780, 357.530, 357.280, 357.030, 356.780, 356.530, 356.280, 356.032, 355.802, 355.596, 355.414, 355.256, 355.122, 355.011, 354.924, 354.861, 354.822, 354.807, 354.816, 354.848, 354.904, 354.981, 355.061, 355.141, 355.221, 355.297, 355.359, 355.409, 355.467, 355.477, 355.473, 355.455, 355.425, 355.381, 355.323, 355.253, 355.173, 355.093, 355.013, 354.933, 354.853, 354.789, 354.749, 354.732, 354.739, 354.771, 354.825, 354.904, 355.007, 355.133, 355.280, 355.430, 355.580, 355.730, 355.880, 356.030, 356.180, 356.330, 356.480, 356.630, 356.780, 356.930, 357.080, 357.230, 357.380, 357.530, 357.680, 357.830, 357.980, 358.130, 358.280, 358.430, 358.580, 358.730, 358.880, 359.030, 359.180, 359.330
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	363.530, 363.280, 363.030, 362.780, 362.530, 362.280, 362.030, 361.780, 361.530, 361.280, 361.030, 360.780, 360.530, 360.280, 360.030, 359.780, 359.530, 359.280, 359.030, 358.780, 358.530, 358.280, 358.030, 357.780, 357.530, 357.280, 357.030, 356.780, 356.530, 356.280, 356.032, 355.802, 355.596, 355.414, 355.256, 355.122, 355.011, 354.924, 354.861, 354.822, 354.807, 354.816, 354.848, 354.904, 354.981, 355.061, 355.141, 355.221, 355.297, 355.359, 355.409, 355.467, 355.477, 355.473, 355.455, 355.425, 355.381, 355.323, 355.253, 355.173, 355.093, 355.013, 354.933, 354.853, 354.789, 354.749, 354.732, 354.739, 354.771, 354.825, 354.904, 355.007, 355.133, 355.280, 355.430, 355.580, 355.730, 355.880, 356.030, 356.180, 356.330, 356.480, 356.630, 356.780, 356.930, 357.080, 357.230, 357.380, 357.530, 357.680, 357.830, 357.980, 358.130, 358.280, 358.430, 358.580, 358.730, 358.880, 359.030, 359.180, 359.330
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	359.070, 358.928, 358.788, 358.556, 358.488, 358.397, 358.314, 358.245, 358.102, 357.939, 357.918, 357.775, 357.621, 357.568, 357.279, 357.103, 356.973, 356.851, 356.620, 356.561, 356.335, 356.127, 356.003, 355.952, 355.735, 355.638, 355.515, 355.382, 355.301, 355.179, 355.088, 354.973, 354.754, 354.561, 354.328, 354.141, 353.940, 353.722, 353.617, 353.375, 352.744, 353.042, 352.876, 352.805, 352.739, 352.698, 352.649, 352.633, 352.786, 352.865, 351.376, 350.341, 349.790, 349.288, 351.176, 351.103, 351.989, 352.328, 352.675, 352.760, 352.896, 353.214, 353.247, 353.100, 353.045, 353.154, 352.875, 353.161, 353.012, 353.149, 353.214, 353.299, 353.423, 353.570, 353.731, 353.922, 354.100, 354.271, 354.387, 354.485, 354.528, 354.578, 354.636, 354.690, 354.758, 354.844, 354.950, 355.065, 355.371, 355.397, 355.516, 355.703, 355.918, 356.173, 356.478, 356.761, 356.996, 357.216, 357.436, 357.692, 357.935, 358.208
HORIZONTAL SCHEMATIC	L=88.355m; R=1850.000m L=420.759m; L=141.425m; R=2000.000m L=31.169m; L=308.102m
VERTICAL @LHS	L=458.927m G=-2.500; R=4200.000m L=138.600m; G=0.800 L=36.933m; L=120.000m R=-7500.000m; L=46.352m G=-0.800; R=4200.000m L=96.600m; G=1.500 L=335.439m
VERTICAL @RHS	L=458.927m G=-2.500; R=4200.000m L=138.600m; G=0.800 L=36.933m; L=120.000m R=-7500.000m; L=46.352m G=-0.800; R=4200.000m L=96.600m; G=1.500 L=335.439m
SUPERELEVATION	LHS=-2.500 RHS=-2.500
CHAINAGE	26000, 26010, 26020, 26030, 26040, 26050, 26060, 26070, 26080, 26090, 26100, 26110, 26120, 26130, 26140, 26150, 26160, 26170, 26180, 26190, 26200, 26210, 26220, 26230, 26240, 26250, 26260, 26270, 26280, 26290, 26300, 26310, 26320, 26330, 26340, 26350, 26360, 26370, 26380, 26390, 26400, 26410, 26420, 26430, 26440, 26450, 26460, 26470, 26480, 26490, 26500, 26510, 26520, 26530, 26540, 26550, 26560, 26570, 26580, 26590, 26600, 26610, 26620, 26630, 26640, 26650, 26660, 26670, 26680, 26690, 26700, 26710, 26720, 26730, 26740, 26750, 26760, 26770, 26780, 26790, 26800, 26810, 26820, 26830, 26840, 26850, 26860, 26870, 26880, 26890, 26900, 26910, 26920, 26930, 26940, 26950, 26960, 26970, 26980, 26990, 27000, 27010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, OHANA ROAD, OHANA, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD., RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 26+000 TO 27+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/23**

SHEET: 23 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

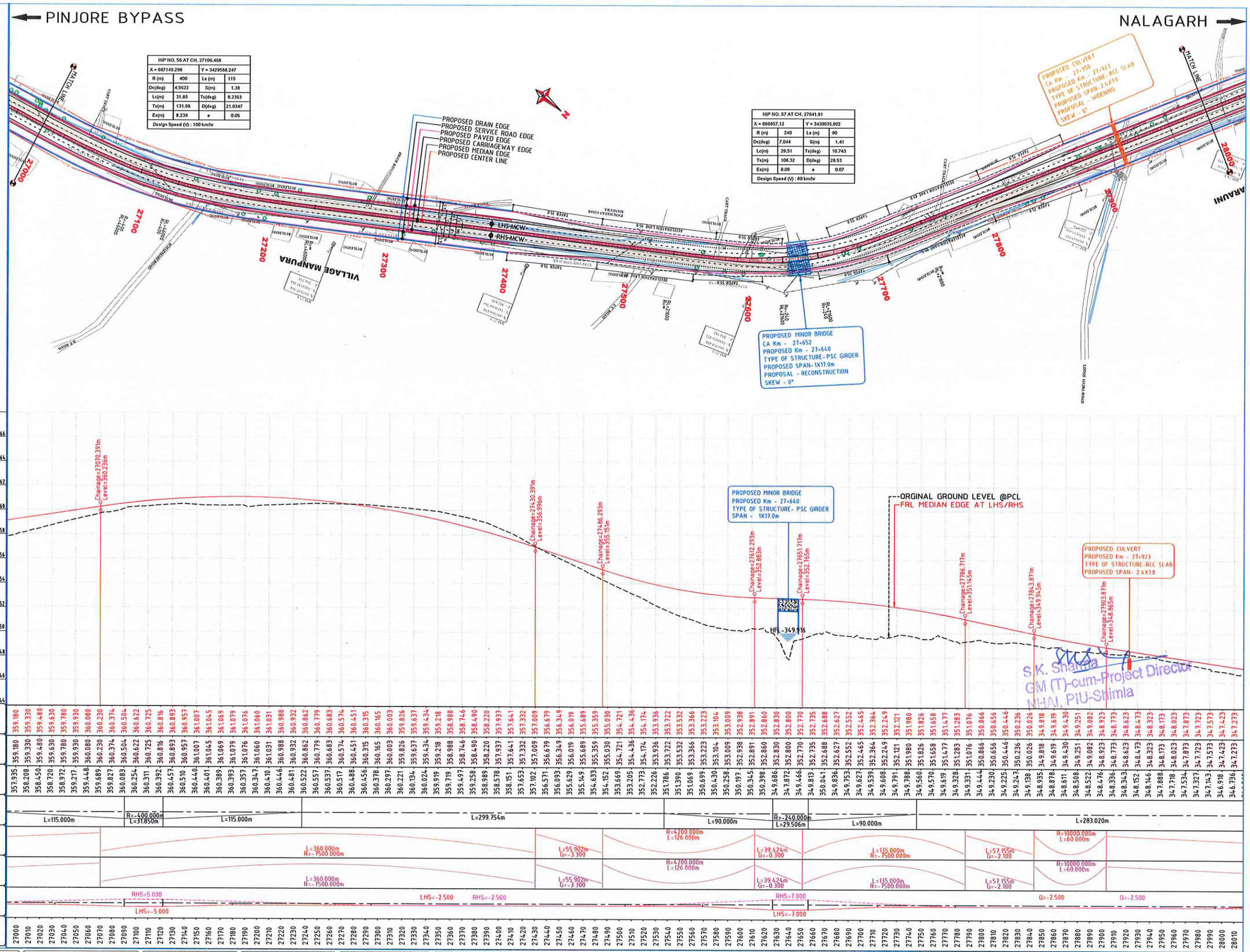
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	359.180, 359.330, 359.480, 359.630, 359.780, 359.930, 360.080, 360.230, 360.504, 360.622, 360.725, 360.816, 360.893, 360.957, 361.007, 361.045, 361.069, 361.079, 361.076, 361.060, 361.031, 360.988, 360.932, 360.862, 360.779, 360.683, 360.574, 360.451, 360.315, 360.165, 360.003, 359.826, 359.637, 359.434, 359.218, 358.988, 358.746, 358.490, 358.220, 357.937, 357.641, 357.332, 357.009, 356.679, 356.349, 356.019, 355.689, 355.359, 355.030, 354.721, 354.436, 354.174, 353.936, 353.722, 353.532, 353.366, 353.223, 353.104, 353.009, 352.938, 352.891, 352.860, 352.830, 352.800, 352.770, 352.735, 352.688, 352.627, 352.552, 352.465, 352.364, 352.249, 352.121, 351.980, 351.826, 351.658, 351.477, 351.283, 351.076, 350.866, 350.656, 350.446, 350.236, 350.026, 349.818, 349.619, 349.430, 349.251, 349.082, 348.923, 348.773, 348.623, 348.473, 348.323, 348.173, 348.023, 347.873, 347.723, 347.573, 347.423, 347.273
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	359.180, 359.330, 359.480, 359.630, 359.780, 359.930, 360.080, 360.230, 360.504, 360.622, 360.725, 360.816, 360.893, 360.957, 361.007, 361.045, 361.069, 361.079, 361.076, 361.060, 361.031, 360.988, 360.932, 360.862, 360.779, 360.683, 360.574, 360.451, 360.315, 360.165, 360.003, 359.826, 359.637, 359.434, 359.218, 358.988, 358.746, 358.490, 358.220, 357.937, 357.641, 357.332, 357.009, 356.679, 356.349, 356.019, 355.689, 355.359, 355.030, 354.721, 354.436, 354.174, 353.936, 353.722, 353.532, 353.366, 353.223, 353.104, 353.009, 352.938, 352.891, 352.860, 352.830, 352.800, 352.770, 352.735, 352.688, 352.627, 352.552, 352.465, 352.364, 352.249, 352.121, 351.980, 351.826, 351.658, 351.477, 351.283, 351.076, 350.866, 350.656, 350.446, 350.236, 350.026, 349.818, 349.619, 349.430, 349.251, 349.082, 348.923, 348.773, 348.623, 348.473, 348.323, 348.173, 348.023, 347.873, 347.723, 347.573, 347.423, 347.273
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	357.935, 358.208, 358.450, 358.720, 358.972, 359.217, 359.448, 359.689, 360.083, 360.254, 360.311, 360.392, 360.457, 360.510, 360.440, 360.401, 360.389, 360.393, 360.357, 360.347, 360.410, 360.446, 360.481, 360.522, 360.557, 360.537, 360.517, 360.488, 360.456, 360.378, 360.297, 360.221, 359.826, 359.134, 360.024, 359.919, 359.719, 359.497, 359.258, 358.989, 358.578, 358.151, 357.653, 357.102, 356.571, 356.093, 355.629, 355.149, 354.633, 354.152, 353.669, 353.205, 352.773, 352.226, 351.786, 351.390, 351.069, 350.699, 350.430, 350.258, 350.197, 350.345, 350.398, 349.686, 347.872, 349.466, 349.813, 350.041, 349.753, 349.627, 349.539, 349.608, 349.791, 349.788, 349.560, 349.570, 349.619, 349.328, 349.331, 349.444, 349.230, 349.225, 349.247, 349.138, 348.935, 348.878, 348.611, 348.508, 348.522, 348.476, 348.336, 348.343, 348.152, 348.146, 347.888, 347.718, 347.534, 347.327, 347.143, 346.918, 346.736, 346.736
HORIZONTAL SCHEMATIC	L=115.000m; R=-400.000m L=31.850m; L=115.000m; L=299.754m; L=90.000m; R=-240.000m L=29.506m; L=90.000m; L=283.020m
VERTICAL @LHS	L=360.000m R=-7500.000m; L=55.907m G=-3.300; R=4200.000m L=126.000m; L=39.424m G=-0.300; L=135.000m R=-7500.000m; L=57.155m G=-2.100; R=10000.000m L=60.000m
VERTICAL @RHS	L=360.000m R=-7500.000m; L=55.907m G=-3.300; R=4200.000m L=126.000m; L=39.424m G=-0.300; L=135.000m R=-7500.000m; L=57.155m G=-2.100; R=10000.000m L=60.000m
SUPERELEVATION	RHS=5.000; LHS=-5.000; LHS=-2.500; RHS=-2.500; RHS=7.000; LHS=-7.000; Q=-2.500; Q=-2.500
CHAINAGE	27000, 27010, 27020, 27030, 27040, 27050, 27060, 27070, 27080, 27090, 27100, 27110, 27120, 27130, 27140, 27150, 27160, 27170, 27180, 27190, 27200, 27210, 27220, 27230, 27240, 27250, 27260, 27270, 27280, 27290, 27300, 27310, 27320, 27330, 27340, 27350, 27360, 27370, 27380, 27390, 27400, 27410, 27420, 27430, 27440, 27450, 27460, 27470, 27480, 27490, 27500, 27510, 27520, 27530, 27540, 27550, 27560, 27570, 27580, 27590, 27600, 27610, 27620, 27630, 27640, 27650, 27660, 27670, 27680, 27690, 27700, 27710, 27720, 27730, 27740, 27750, 27760, 27770, 27780, 27790, 27800, 27810, 27820, 27830, 27840, 27850, 27860, 27870, 27880, 27890, 27900, 27910, 27920, 27930, 27940, 27950, 27960, 27970, 27980, 27990, 28000, 28010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740 GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD, RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 27+000 TO 28+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/24**

SHEET: 24 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

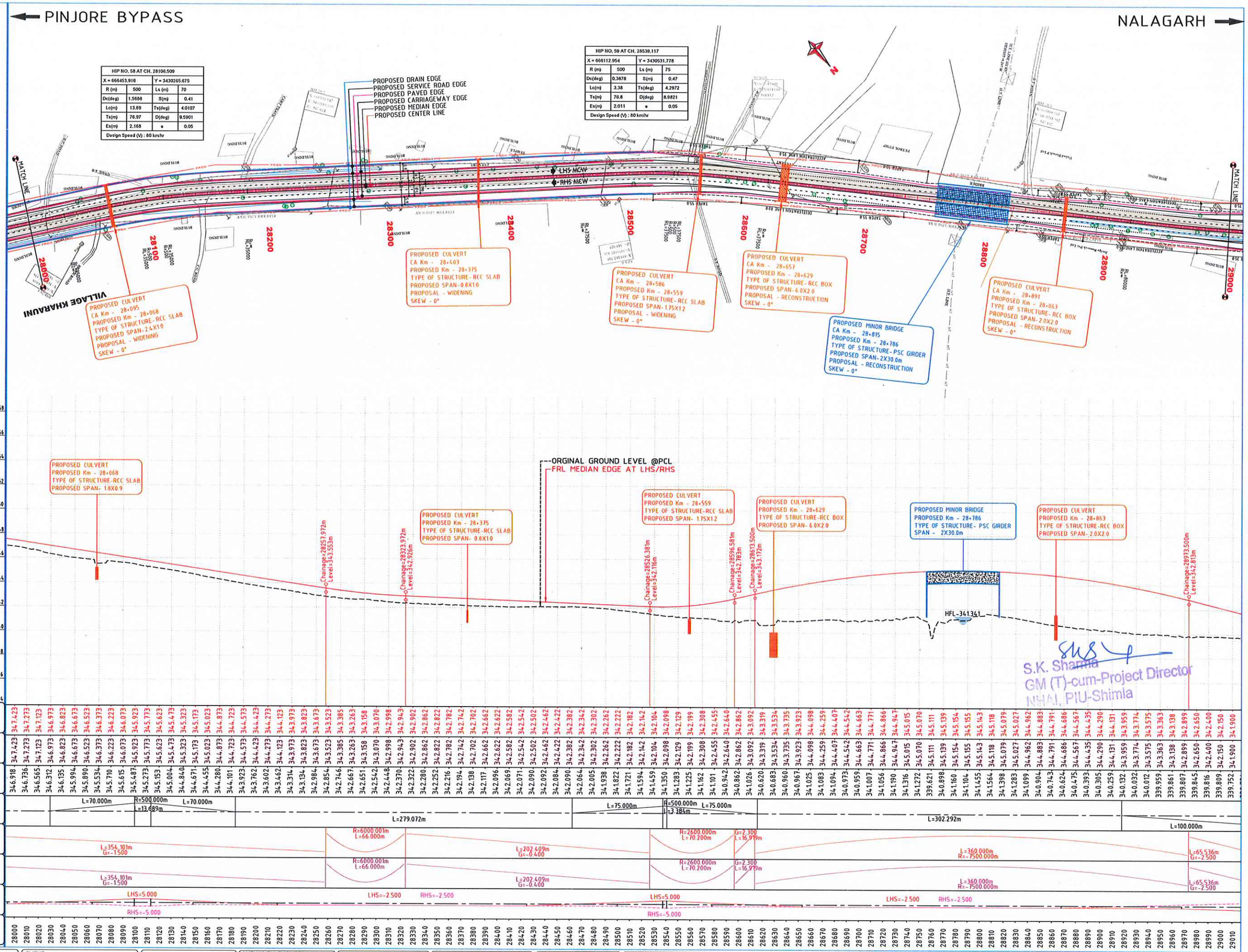
- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW
- SVUP
- LVUP
- VUP
- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD, RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect, PLOT NO 3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 28+000 TO 29+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/25**

SHEET: 25 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

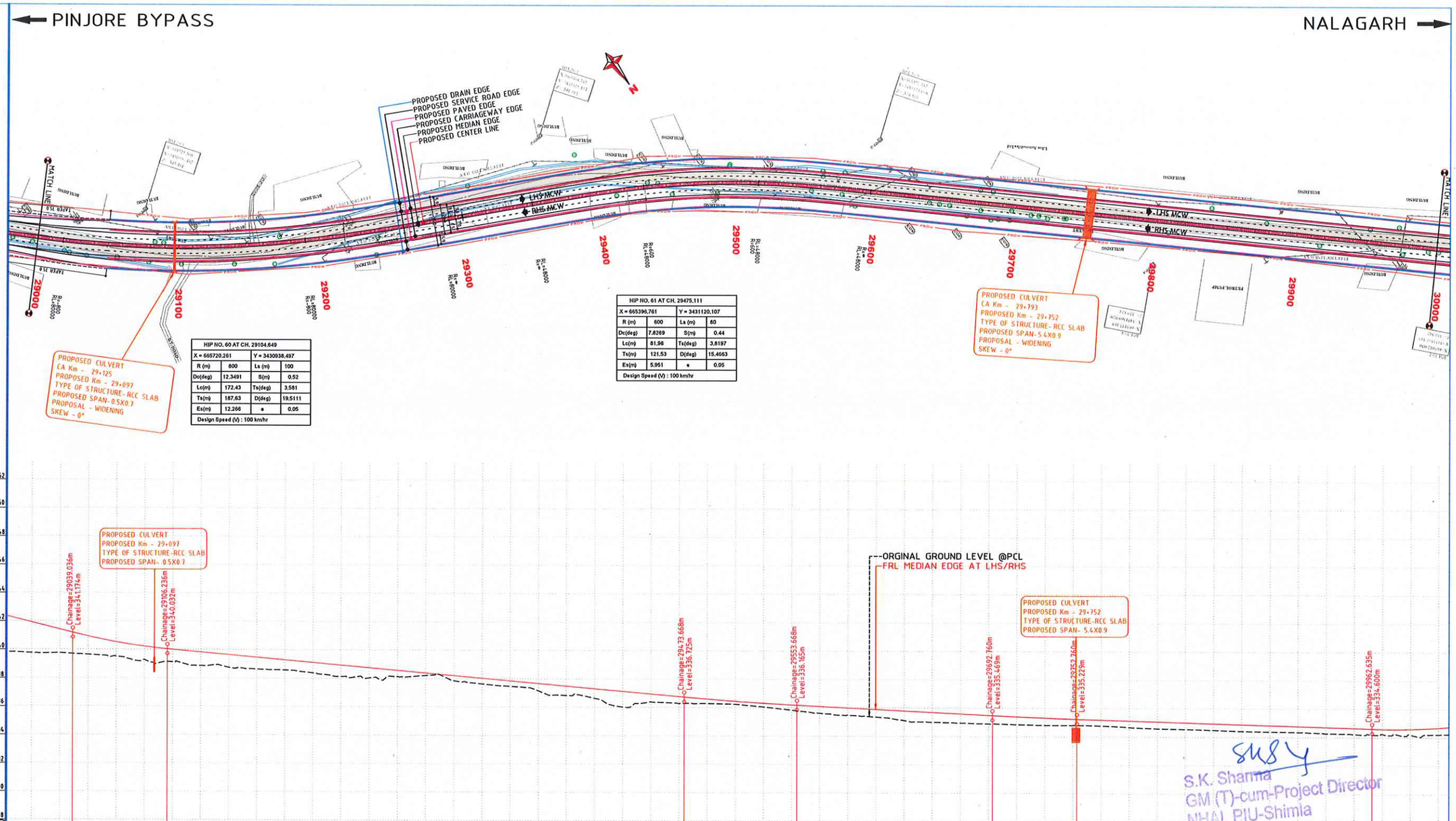
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



HIP NO. 60 AT CH. 29104.649			
X = 665720.261		Y = 3430938.497	
R (m)	600	Ls (m)	100
Dc(deg)	12.3491	S(m)	0.52
Lc(m)	172.43	Ts(deg)	3.581
Ts(m)	187.63	D(deg)	19.5111
Es(m)	12.266	e	0.05
Design Speed (V) : 100 km/hr			

HIP NO. 61 AT CH. 29475.111			
X = 665390.761		Y = 3431120.107	
R (m)	600	Ls (m)	80
Dc(deg)	7.8269	S(m)	0.44
Lc(m)	81.98	Ts(deg)	3.8197
Ts(m)	121.53	D(deg)	15.4663
Es(m)	5.951	e	0.05
Design Speed (V) : 100 km/hr			

DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE: 342.150, 341.900, 341.650, 341.400, 341.150, 340.914, 340.702, 340.514, 340.350, 340.209, 340.092, 339.998, 339.908, 339.818, 339.728, 339.638, 339.548, 339.458, 339.368, 339.278, 339.188, 339.098, 339.008, 338.918, 338.828, 338.738, 338.648, 338.558, 338.468, 338.378, 338.288, 338.198, 338.108, 338.018, 337.928, 337.838, 337.748, 337.658, 337.568, 337.478, 337.388, 337.298, 337.208, 337.118, 337.028, 336.938, 336.848, 336.758, 336.669, 336.584, 336.505, 336.431, 336.361, 336.297, 336.238, 336.183, 336.133, 336.083, 336.033, 335.983, 335.933, 335.883, 335.833, 335.783, 335.733, 335.683, 335.633, 335.583, 335.533, 335.483, 335.434, 335.388, 335.346, 335.306, 335.270, 335.238, 335.208, 335.178, 335.148, 335.118, 335.088, 335.058, 335.028, 334.998, 334.968, 334.938, 334.908, 334.878, 334.848, 334.818, 334.788, 334.758, 334.728, 334.698, 334.668, 334.638, 334.608, 334.583, 334.578, 334.593, 334.627, 334.682

PROPOSED ROAD LEVEL @RHS MEDIAN EDGE: 342.150, 341.900, 341.650, 341.400, 340.914, 340.702, 340.514, 340.350, 340.209, 340.092, 339.998, 339.908, 339.818, 339.728, 339.638, 339.548, 339.458, 339.368, 339.278, 339.188, 339.098, 339.008, 338.918, 338.828, 338.738, 338.648, 338.558, 338.468, 338.378, 338.288, 338.198, 338.108, 338.018, 337.928, 337.838, 337.748, 337.658, 337.568, 337.478, 337.388, 337.298, 337.208, 337.118, 337.028, 336.938, 336.848, 336.758, 336.669, 336.584, 336.505, 336.431, 336.361, 336.297, 336.238, 336.183, 336.133, 336.083, 336.033, 335.983, 335.933, 335.883, 335.833, 335.783, 335.733, 335.683, 335.633, 335.583, 335.533, 335.483, 335.434, 335.388, 335.346, 335.306, 335.270, 335.238, 335.208, 335.178, 335.148, 335.118, 335.088, 335.058, 335.028, 334.998, 334.968, 334.938, 334.908, 334.878, 334.848, 334.818, 334.788, 334.758, 334.728, 334.698, 334.668, 334.638, 334.608, 334.583, 334.578, 334.593, 334.627, 334.682

ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE: 339.809, 339.752, 339.734, 339.756, 339.697, 339.643, 339.588, 339.522, 339.321, 339.283, 339.047, 339.130, 338.962, 338.871, 338.931, 338.756, 338.705, 338.635, 338.591, 338.576, 338.490, 338.379, 338.252, 338.132, 338.097, 338.030, 337.894, 338.128, 338.138, 338.212, 338.287, 337.849, 337.732, 337.629, 337.526, 337.466, 337.395, 337.156, 336.847, 336.830, 336.860, 336.641, 336.203, 336.035, 337.118, 336.279, 337.028, 336.387, 336.347, 336.280, 336.277, 336.284, 336.266, 336.237, 336.145, 336.050, 335.942, 335.832, 335.721, 335.618, 335.527, 335.492, 335.413, 335.363, 335.281, 335.121, 335.030, 335.004, 334.981, 334.953, 334.922, 334.898, 334.884, 334.850, 334.831, 334.809, 334.808, 334.811, 334.806, 334.771, 334.735, 334.672, 334.620, 334.584, 334.563, 334.547, 334.527, 334.491, 334.455, 334.430, 334.406, 334.393, 334.378, 334.364, 334.324, 334.276, 334.261, 334.224, 334.241, 334.254, 334.210, 334.206, 334.225

HORIZONTAL SCHEMATIC: R=-800.000m L=172.426m; L=100.000m; L=63.539m; L=80.000m; R=600.000m L=81.963m; L=80.000m; L=446.831m

VERTICAL @LHS: R=4200.000m L=67.200m; L=367.432m G=-0.900; R=20000.015m L=80.000m; L=139.092m G=-0.500; R=29999.923m L=60.000m; L=209.876m G=-0.300; R=5000.002m L=65.000m

VERTICAL @RHS: R=4200.000m L=67.200m; L=367.432m G=-0.900; R=20000.015m L=80.000m; L=139.092m G=-0.500; L=209.876m G=-0.300; R=5000.002m L=65.000m

SUPERELEVATION: RHS=5.000; LHS=-2.500; RHS=-2.500; LHS=5.000; LHS=-2.500; RHS=-2.500; LHS=-5.000; RHS=-5.000

CHAINAGE: 29000, 29010, 29020, 29030, 29040, 29050, 29060, 29070, 29080, 29090, 29100, 29110, 29120, 29130, 29140, 29150, 29160, 29170, 29180, 29190, 29200, 29210, 29220, 29230, 29240, 29250, 29260, 29270, 29280, 29290, 29300, 29310, 29320, 29330, 29340, 29350, 29360, 29370, 29380, 29390, 29400, 29410, 29420, 29430, 29440, 29450, 29460, 29470, 29480, 29490, 29500, 29510, 29520, 29530, 29540, 29550, 29560, 29570, 29580, 29590, 29600, 29610, 29620, 29630, 29640, 29650, 29660, 29670, 29680, 29690, 29700, 29710, 29720, 29730, 29740, 29750, 29760, 29770, 29780, 29790, 29800, 29810, 29820, 29830, 29840, 29850, 29860, 29870, 29880, 29890, 29900, 29910, 29920, 29930, 29940, 29950, 29960, 29970, 29980, 29990, 30000, 30010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, OHANI ROAD, OHANI, VADODARA - 391740 GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD., RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 29+000 TO 30+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/26**

SHEET: 26 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

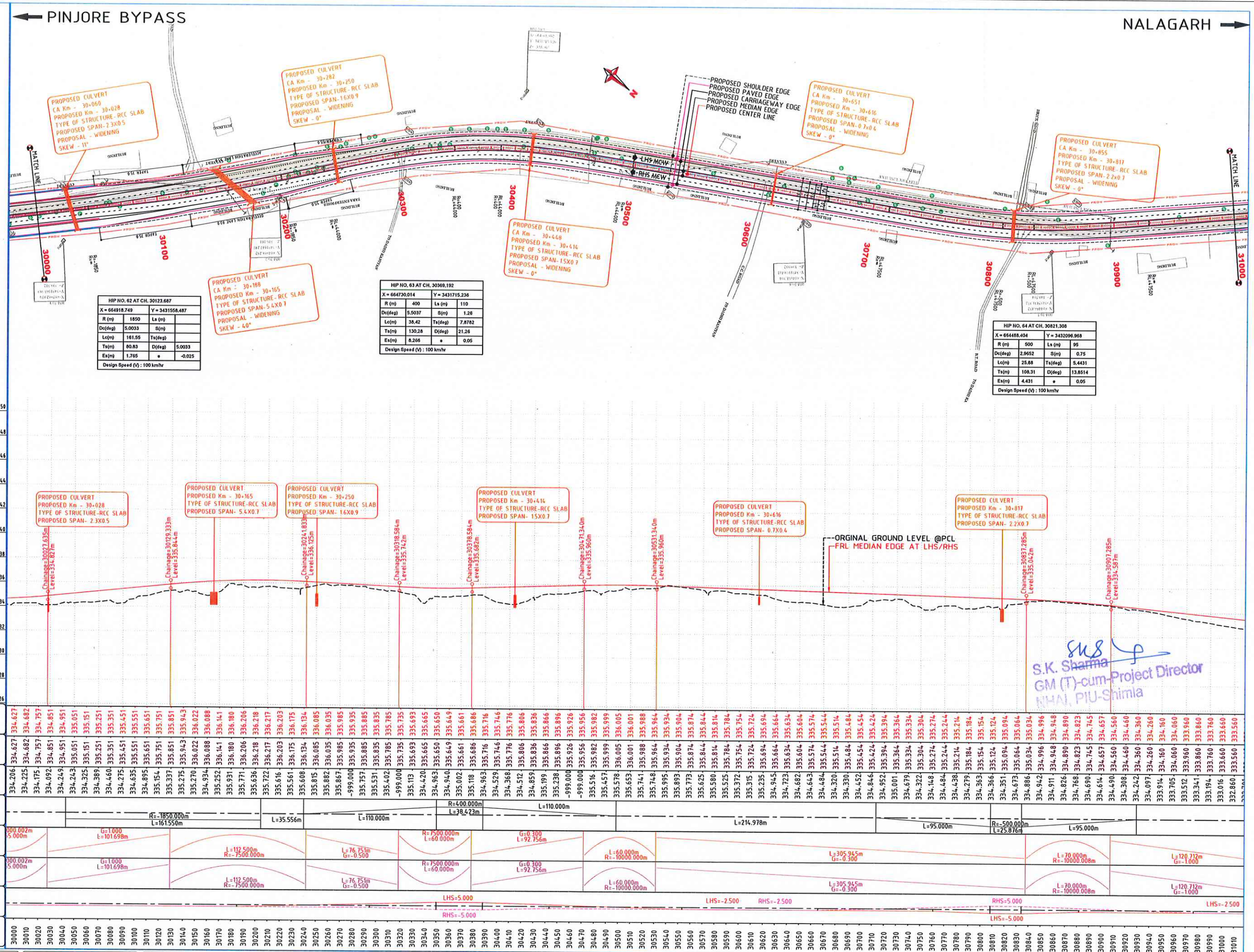
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



HIP NO. 62 AT CH. 30123.687			
X = 664918.749		Y = 3431558.487	
R (m)	1850	Ls (m)	
Dc(deg)	5.0033	S(m)	
Lc(m)	161.55	Ts(deg)	
Ts(m)	80.83	D(deg)	5.0033
Es(m)	1.765	e	-0.025
Design Speed (V) : 100 km/hr			

HIP NO. 63 AT CH. 30369.192			
X = 664730.014		Y = 3431715.236	
R (m)	400	Ls (m)	110
Dc(deg)	5.5037	S(m)	1.26
Lc(m)	38.42	Ts(deg)	7.8782
Ts(m)	130.28	D(deg)	21.26
Es(m)	8.266	e	0.05
Design Speed (V) : 100 km/hr			

HIP NO. 64 AT CH. 30821.308			
X = 664488.404		Y = 3432096.968	
R (m)	500	Ls (m)	95
Dc(deg)	2.9652	S(m)	0.75
Lc(m)	25.88	Ts(deg)	5.4431
Ts(m)	108.31	D(deg)	13.8514
Es(m)	4.431	e	0.05
Design Speed (V) : 100 km/hr			

DATUM :- 326

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE: 334.627, 334.682, 334.757, 334.851, 334.951, 335.051, 335.151, 335.251, 335.351, 335.451, 335.551, 335.651, 335.751, 335.851, 335.943, 336.022, 336.088, 336.141, 336.180, 336.206, 336.218, 336.217, 336.203, 336.175, 336.134, 336.085, 336.035, 335.985, 335.935, 335.885, 335.835, 335.785, 335.735, 335.693, 335.665, 335.650, 335.649, 335.661, 335.686, 335.716, 335.746, 335.776, 335.806, 335.836, 335.866, 335.896, 335.926, 335.956, 335.982, 335.999, 335.999, 336.005, 336.001, 335.988, 335.964, 335.934, 335.904, 335.874, 335.844, 335.814, 335.784, 335.754, 335.724, 335.694, 335.664, 335.634, 335.604, 335.574, 335.544, 335.514, 335.484, 335.454, 335.424, 335.394, 335.364, 335.334, 335.304, 335.274, 335.244, 335.214, 335.184, 335.154, 335.124, 335.094, 335.064, 335.034, 334.996, 334.948, 334.890, 334.823, 334.745, 334.657, 334.560, 334.460, 334.360, 334.260, 334.160, 334.060, 333.960, 333.860, 333.760, 333.660, 333.560

PROPOSED ROAD LEVEL @RHS MEDIAN EDGE: 334.627, 334.682, 334.757, 334.851, 334.951, 335.051, 335.151, 335.251, 335.351, 335.451, 335.551, 335.651, 335.751, 335.851, 335.943, 336.022, 336.088, 336.141, 336.180, 336.206, 336.218, 336.217, 336.203, 336.175, 336.134, 336.085, 336.035, 335.985, 335.935, 335.885, 335.835, 335.785, 335.735, 335.693, 335.665, 335.650, 335.649, 335.661, 335.686, 335.716, 335.746, 335.776, 335.806, 335.836, 335.866, 335.896, 335.926, 335.956, 335.982, 335.999, 335.999, 336.005, 336.001, 335.988, 335.964, 335.934, 335.904, 335.874, 335.844, 335.814, 335.784, 335.754, 335.724, 335.694, 335.664, 335.634, 335.604, 335.574, 335.544, 335.514, 335.484, 335.454, 335.424, 335.394, 335.364, 335.334, 335.304, 335.274, 335.244, 335.214, 335.184, 335.154, 335.124, 335.094, 335.064, 335.034, 334.996, 334.948, 334.890, 334.823, 334.745, 334.657, 334.560, 334.460, 334.360, 334.260, 334.160, 334.060, 333.960, 333.860, 333.760, 333.660, 333.560

ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE: 334.206, 334.225, 334.175, 334.092, 334.249, 334.243, 334.325, 334.389, 334.460, 334.275, 334.635, 334.895, 335.154, 335.337, 335.275, 335.270, 334.934, 335.252, 335.931, 335.771, 335.636, 335.722, 335.616, 335.561, 335.608, 335.815, 335.882, 335.867, -999.000, 335.757, 335.531, 335.402, -999.000, 335.113, 334.420, 334.963, 334.940, 335.002, 335.118, 334.963, 334.529, 334.368, 334.512, 334.859, 335.199, 335.238, -999.000, -999.000, 335.516, 335.457, 335.578, 335.653, 334.741, 334.748, 335.995, 335.893, 335.773, 335.625, 335.580, 335.525, 335.372, 335.235, 334.945, 334.723, 334.682, 334.643, 334.484, 334.320, 334.330, 334.452, 334.846, 334.952, 335.001, 334.679, 334.322, 334.148, 334.484, 334.438, 334.279, 334.363, 334.351, 334.673, 334.886, 334.942, 334.911, 334.826, 334.768, 334.690, 334.614, 334.490, 334.308, 334.242, 334.097, 333.914, 333.705, 333.512, 333.341, 333.194, 333.016, 332.860

HORIZONTAL SCHEMATIC: R=-1850.000m L=161.550m; L=35.556m; L=110.000m; R=400.000m L=38.423m; L=110.000m; L=214.978m; L=95.000m; R=-500.000m L=25.876m; L=95.000m

VERTICAL @LHS: G=1.000 L=101.698m; L=112.500m R=-7500.000m; L=76.751m G=-0.500; R=7500.000m L=60.000m; G=0.300 L=92.756m; L=60.000m R=-10000.000m; L=305.945m G=-0.300; L=70.000m R=-10000.008m; L=120.712m G=-1.000

VERTICAL @RHS: G=1.000 L=101.698m; L=112.500m R=-7500.000m; L=76.751m G=-0.500; R=7500.000m L=60.000m; G=0.300 L=92.756m; L=60.000m R=-10000.000m; L=305.945m G=-0.300; L=70.000m R=-10000.008m; L=120.712m G=-1.000

SUPERELEVATION: LHS=5.000; RHS=-5.000; LHS=-2.500; RHS=-2.500; RHS=5.000; LHS=-5.000; LHS=-2.500

CHAINAGE: 30000, 30010, 30020, 30030, 30040, 30050, 30060, 30070, 30080, 30090, 30100, 30110, 30120, 30130, 30140, 30150, 30160, 30170, 30180, 30190, 30200, 30210, 30220, 30230, 30240, 30250, 30260, 30270, 30280, 30290, 30300, 30310, 30320, 30330, 30340, 30350, 30360, 30370, 30380, 30390, 30400, 30410, 30420, 30430, 30440, 30450, 30460, 30470, 30480, 30490, 30500, 30510, 30520, 30530, 30540, 30550, 30560, 30570, 30580, 30590, 30600, 30610, 30620, 30630, 30640, 30650, 30660, 30670, 30680, 30690, 30700, 30710, 30720, 30730, 30740, 30750, 30760, 30770, 30780, 30790, 30800, 30810, 30820, 30830, 30840, 30850, 30860, 30870, 30880, 30890, 30900, 30910, 30920, 30930, 30940, 30950, 30960, 30970, 30980, 30990, 31000, 31010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740 GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD, RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecxKonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 30+000 TO 31+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: PINJORE-BYPASS/HW/P&P/27

SHEET: 27 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

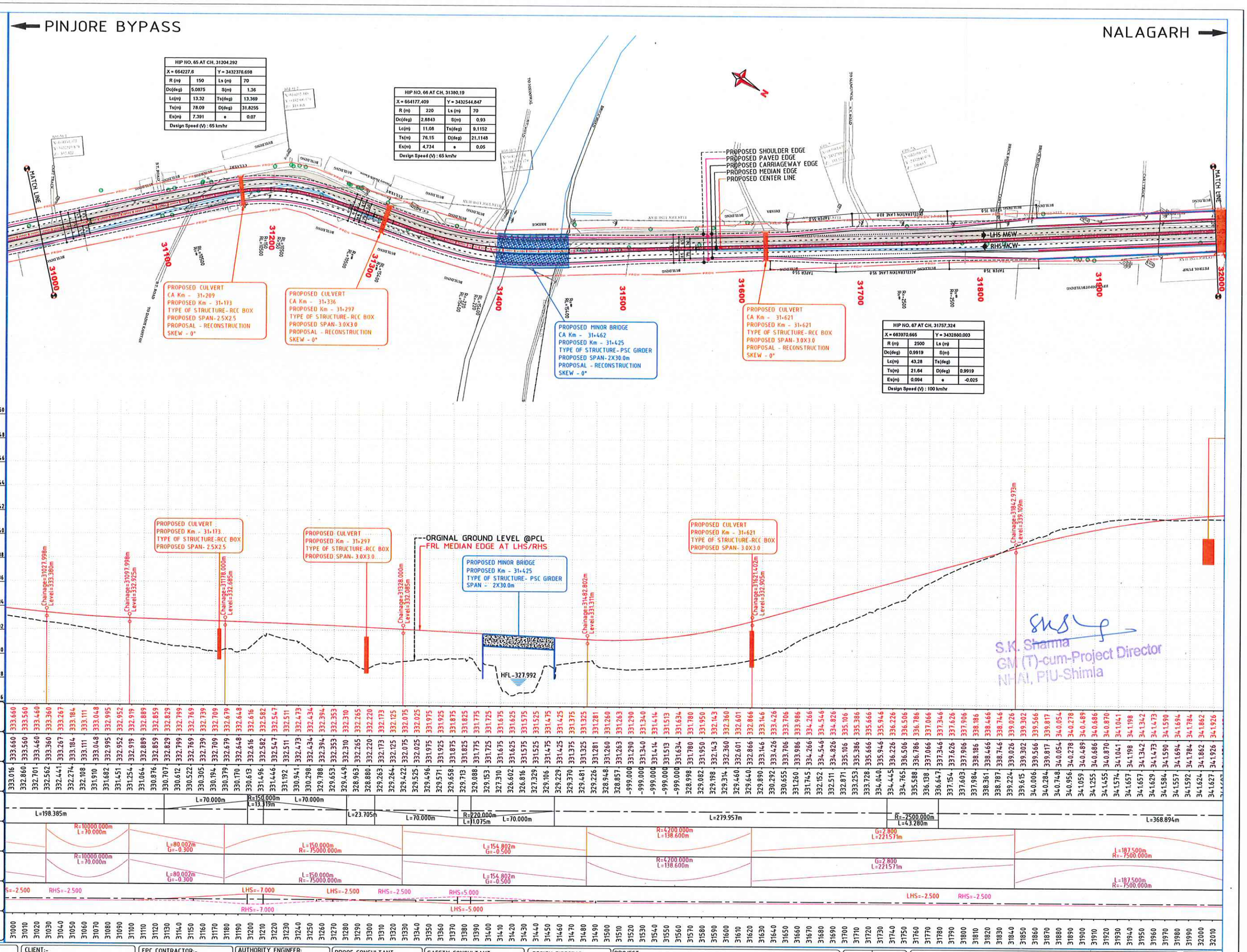
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA
(MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED
PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740 GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD.
RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecXKonnect
PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 31+000 TO 32+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/28**

SHEET: 28 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

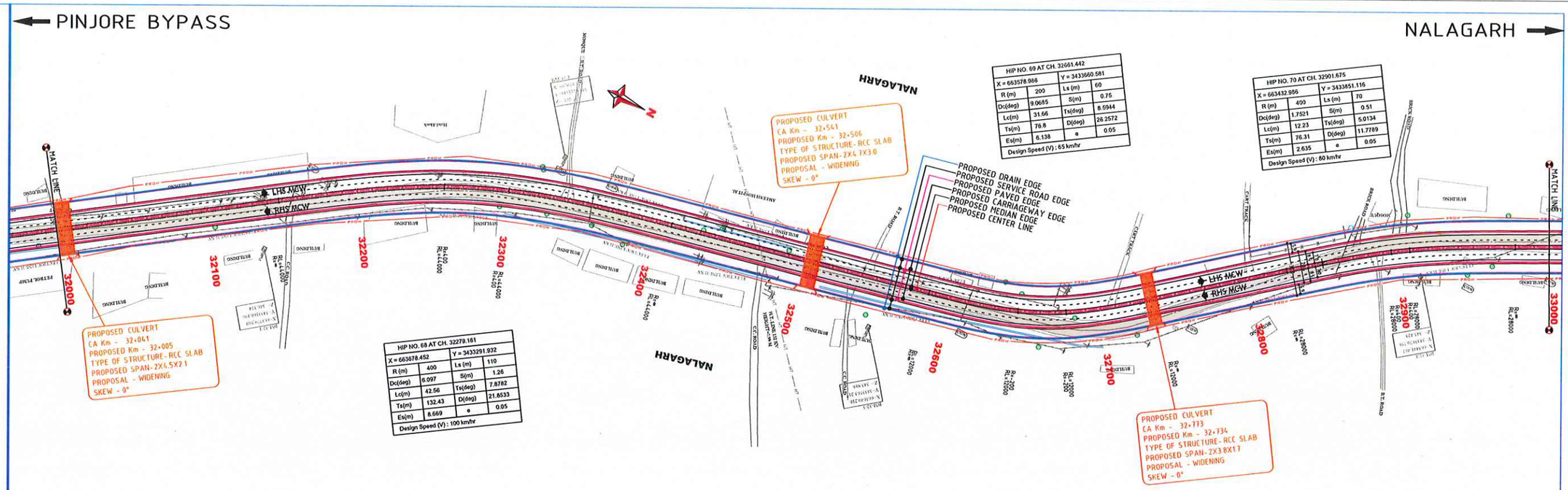
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

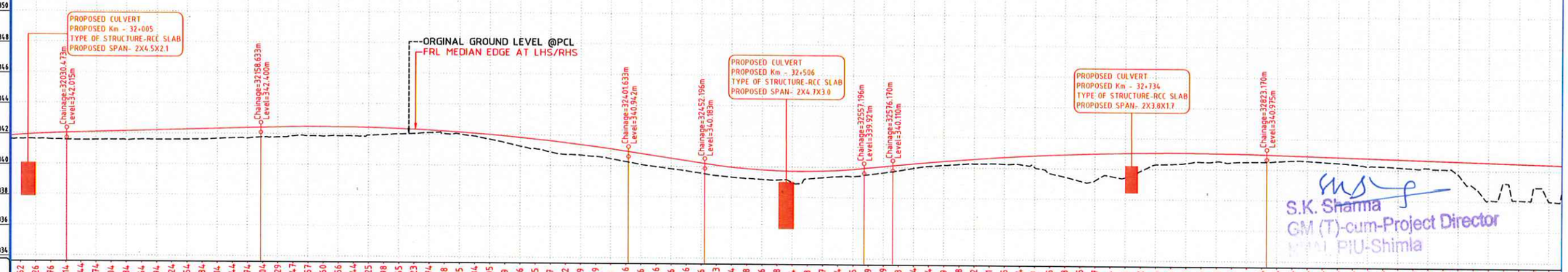
- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



HIP NO. 69 AT CH. 32279.161			
X = 663678.452		Y = 3433291.932	
R (m)	400	Ls (m)	110
Dc(deg)	6.097	S(m)	1.26
Lc(m)	42.56	Ts(deg)	7.8782
Ts(m)	132.43	D(deg)	21.8533
Es(m)	8.669	e	0.05
Design Speed (V) : 100 km/hr			

HIP NO. 69 AT CH. 32661.442			
X = 663578.986		Y = 3433660.581	
R (m)	200	Ls (m)	60
Dc(deg)	9.0685	S(m)	0.75
Lc(m)	31.66	Ts(deg)	8.5944
Ts(m)	76.8	D(deg)	28.2572
Es(m)	6.138	e	0.05
Design Speed (V) : 65 km/hr			

HIP NO. 70 AT CH. 32901.675			
X = 663432.986		Y = 3433851.116	
R (m)	400	Ls (m)	70
Dc(deg)	1.7521	S(m)	0.51
Lc(m)	12.23	Ts(deg)	5.0134
Ts(m)	76.31	D(deg)	11.7789
Es(m)	2.635	e	0.05
Design Speed (V) : 80 km/hr			



S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	341.862, 341.926, 341.976, 342.014, 342.044, 342.074, 342.104, 342.134, 342.164, 342.194, 342.224, 342.254, 342.284, 342.314, 342.344, 342.374, 342.404, 342.429, 342.447, 342.457, 342.460, 342.456, 342.444, 342.425, 342.398, 342.365, 342.323, 342.274, 342.218, 342.155, 342.084, 342.005, 341.919, 341.826, 341.725, 341.617, 341.502, 341.379, 341.249, 341.111, 340.966, 340.816, 340.666, 340.516, 340.366, 340.216, 340.073, 339.954, 339.858, 339.786, 339.738, 339.714, 339.713, 339.737, 339.784, 339.855, 339.949, 340.049, 340.148, 340.244, 340.334, 340.419, 340.498, 340.572, 340.641, 340.705, 340.764, 340.817, 340.865, 340.908, 340.945, 340.977, 341.004, 341.026, 341.042, 341.054, 341.059, 341.060, 341.055, 341.045, 341.030, 341.010, 340.984, 340.954, 340.924, 340.894, 340.864, 340.834, 340.804, 340.774, 340.744, 340.714, 340.684, 340.654, 340.624, 340.594, 340.564, 340.534, 340.504, 340.474, 340.444, 340.414
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	341.862, 341.926, 341.976, 342.014, 342.074, 342.104, 342.134, 342.164, 342.194, 342.224, 342.254, 342.284, 342.314, 342.344, 342.374, 342.404, 342.429, 342.447, 342.457, 342.460, 342.456, 342.444, 342.425, 342.398, 342.365, 342.323, 342.274, 342.218, 342.155, 342.084, 342.005, 341.919, 341.826, 341.725, 341.617, 341.502, 341.379, 341.249, 341.111, 340.966, 340.816, 340.666, 340.516, 340.366, 340.216, 340.073, 339.954, 339.858, 339.786, 339.738, 339.714, 339.713, 339.737, 339.784, 339.855, 339.949, 340.049, 340.148, 340.244, 340.334, 340.419, 340.498, 340.572, 340.641, 340.705, 340.764, 340.817, 340.865, 340.908, 340.945, 340.977, 341.004, 341.026, 341.042, 341.054, 341.059, 341.060, 341.055, 341.045, 341.030, 341.010, 340.984, 340.954, 340.924, 340.894, 340.864, 340.834, 340.804, 340.774, 340.744, 340.714, 340.684, 340.654, 340.624, 340.594, 340.564, 340.534, 340.504, 340.474, 340.444, 340.414
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	341.624, 341.627, 341.607, 341.575, 341.558, 341.569, 341.583, 341.558, 341.602, 341.601, 341.601, 341.613, 341.624, 341.669, 341.712, 341.700, 341.779, 341.781, 341.858, 341.871, 341.848, 341.873, 341.872, 341.926, 341.963, 342.015, 342.051, 342.114, 342.051, 342.037, 341.907, 341.708, 341.499, 341.266, 341.106, 340.897, 340.738, 340.708, 340.620, 340.477, 340.295, 340.114, 339.979, 339.843, 339.710, 339.562, 339.411, 339.318, 339.237, 339.174, 339.143, 338.988, 339.226, 339.311, 339.385, 339.402, 339.519, 339.651, 339.798, 339.959, 340.097, 340.172, 340.240, 340.279, 340.292, 340.269, 340.259, 340.066, 339.678, 339.454, 339.203, 339.234, 339.527, -999.000, 339.871, 339.306, 340.333, 340.402, 340.484, 340.521, 340.463, 340.496, 340.512, 340.558, 340.605, 340.590, 340.531, 340.470, 340.391, 340.242, 340.260, 340.142, 340.173, 340.099, 339.764, 338.973, 338.072, 339.210, 338.099, 338.036, 338.937, 338.036, 338.037
HORIZONTAL SCHEMATIC	L=110.000m; R=400.000m L=42.565m; L=110.000m; L=175.158m; L=60.000m; R=-200.000m L=31.655m; L=60.000m; L=88.322m; L=70.000m; R=400.000m L=12.232m; L=70.000m
VERTICAL @LHS	G=0.300 L=128.160m; L=243.000m R=-13500.000m; L=50.563m G=-1.500; R=4200.000m L=105.000m; G=1.000 L=18.974m; L=247.000m R=-18999.999m; L=231.171m G=-0.300
VERTICAL @RHS	G=0.300 L=128.160m; L=243.000m R=-13500.000m; L=50.563m G=-1.500; R=4200.000m L=105.000m; G=1.000 L=18.974m; L=247.000m R=-18999.999m; L=231.171m G=-0.300
SUPERELEVATION	LHS=5.000; RHS=-5.000; LHS=-2.500; RHS=-2.500; RHS=5.000; LHS=-5.000; LHS=-2.500; RHS=-2.500; LHS=5.000; RHS=-5.000
CHAINAGE	32000, 32010, 32020, 32030, 32040, 32050, 32060, 32070, 32080, 32090, 32100, 32110, 32120, 32130, 32140, 32150, 32160, 32170, 32180, 32190, 32200, 32210, 32220, 32230, 32240, 32250, 32260, 32270, 32280, 32290, 32300, 32310, 32320, 32330, 32340, 32350, 32360, 32370, 32380, 32390, 32400, 32410, 32420, 32430, 32440, 32450, 32460, 32470, 32480, 32490, 32500, 32510, 32520, 32530, 32540, 32550, 32560, 32570, 32580, 32590, 32600, 32610, 32620, 32630, 32640, 32650, 32660, 32670, 32680, 32690, 32700, 32710, 32720, 32730, 32740, 32750, 32760, 32770, 32780, 32790, 32800, 32810, 32820, 32830, 32840, 32850, 32860, 32870, 32880, 32890, 32900, 32910, 32920, 32930, 32940, 32950, 32960, 32970, 32980, 32990, 33000, 33010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD. RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect Infraprojects, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 32+000 TO 33+000)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/29**

SHEET: 29 OF 32

REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

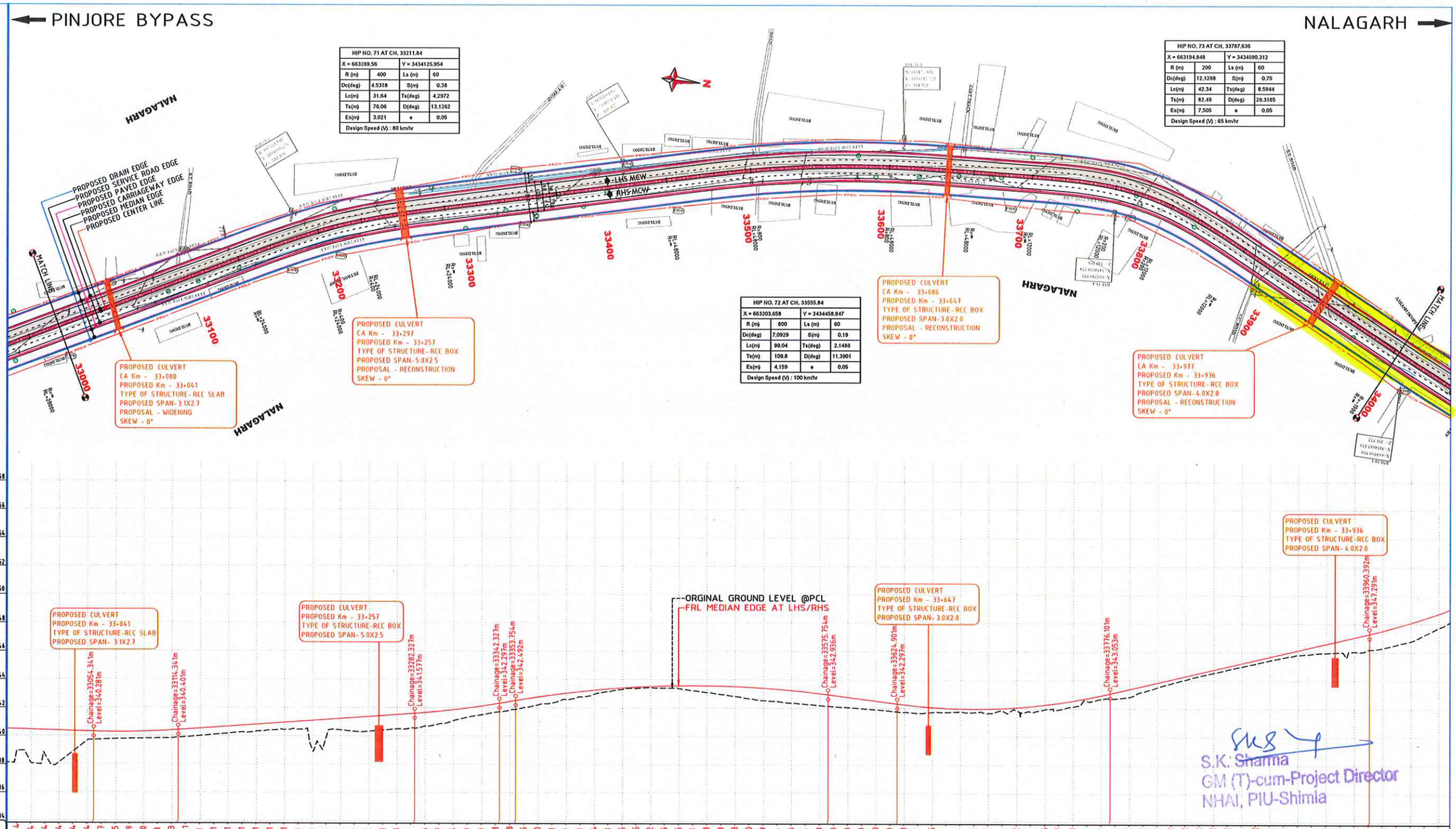
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD. RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 33+000 TO 34+000)**

SCALE: HOR -1 : 2000, VER -1 : 200 — SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/30**

DATE: MAR, 2022 — SHEET: 30 OF 32 — REV: R0

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

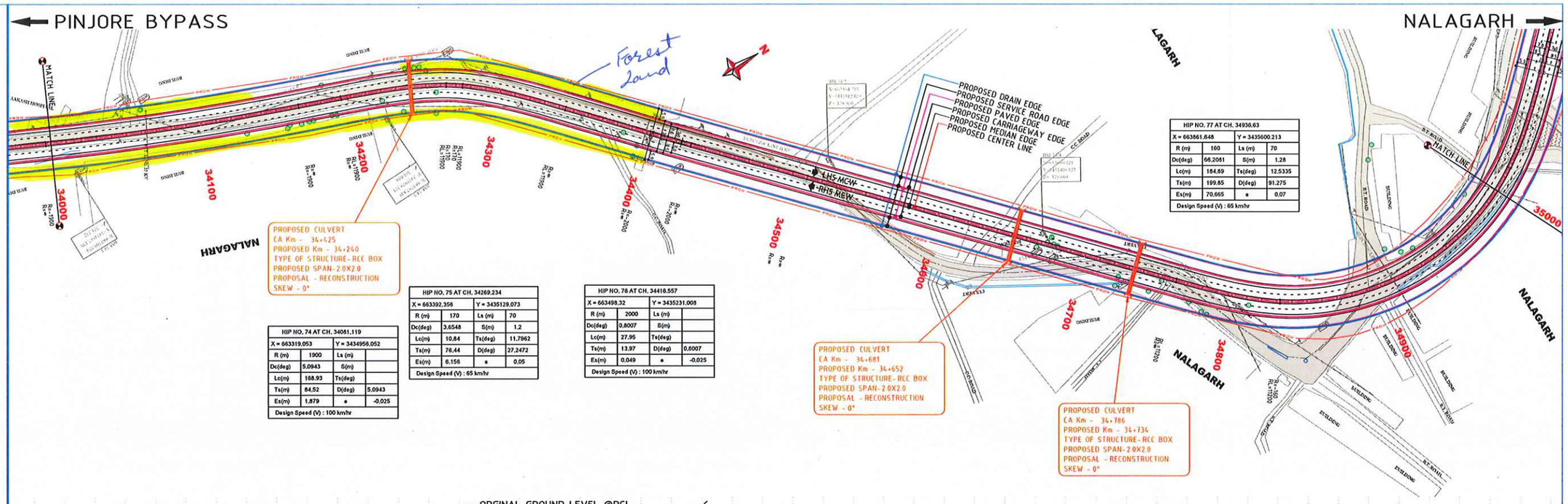
- PROW — PRO. ROW
- TOE LINE / SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE / TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC

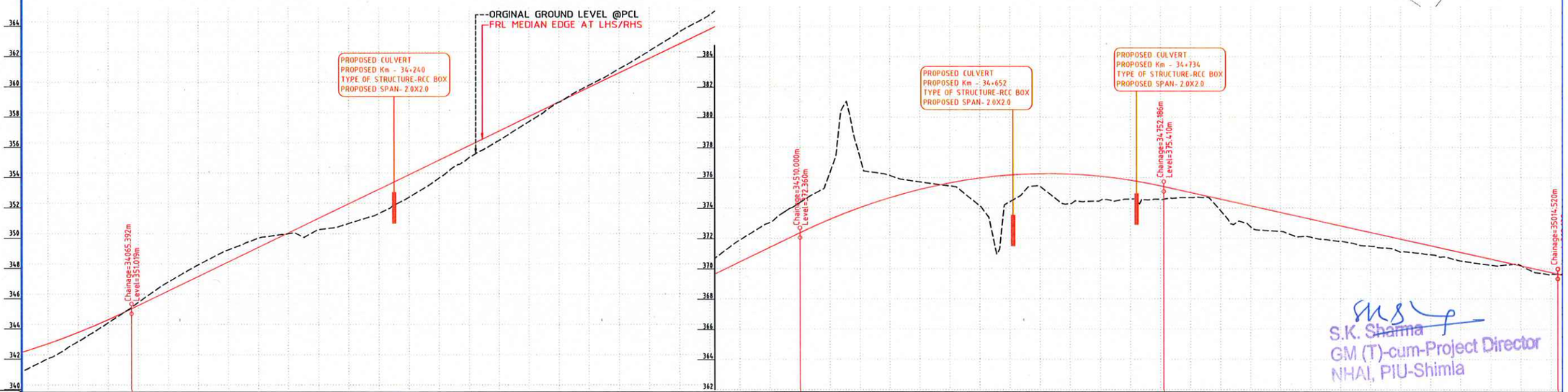


HIP NO. 74 AT CH. 34081.119			
X = 663319.053		Y = 3434956.052	
R (m)	1900	Ls (m)	
Dc(deg)	5.0943	S(m)	
Lc(m)	168.93	Ts(deg)	
Ts(m)	84.52	D(deg)	5.0943
Es(m)	1.879	e	-0.025
Design Speed (V) : 100 km/hr			

HIP NO. 75 AT CH. 34269.234			
X = 663392.356		Y = 3435129.073	
R (m)	170	Ls (m)	70
Dc(deg)	3.6548	S(m)	1.2
Lc(m)	10.84	Ts(deg)	11.7962
Ts(m)	78.44	D(deg)	27.2472
Es(m)	6.156	e	0.05
Design Speed (V) : 65 km/hr			

HIP NO. 76 AT CH. 34416.557			
X = 663498.32		Y = 3435231.008	
R (m)	2000	Ls (m)	
Dc(deg)	0.8007	S(m)	
Lc(m)	27.95	Ts(deg)	
Ts(m)	13.97	D(deg)	0.8007
Es(m)	0.049	e	-0.025
Design Speed (V) : 100 km/hr			

HIP NO. 77 AT CH. 34938.63			
X = 663861.648		Y = 3435600.213	
R (m)	160	Ls (m)	70
Dc(deg)	66.2081	S(m)	1.28
Lc(m)	184.69	Ts(deg)	12.5335
Ts(m)	199.85	D(deg)	91.275
Es(m)	70.665	e	0.07
Design Speed (V) : 65 km/hr			



S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	348.389, 348.725, 349.085, 349.469, 349.877, 350.308, 350.763, 351.240, 351.720, 352.200, 352.680, 353.160, 353.640, 354.120, 354.600, 355.080, 355.560, 356.040, 356.520, 357.000, 357.480, 357.960, 358.440, 358.920, 359.400, 359.880, 360.360, 360.840, 361.320, 361.800, 362.280, 362.760, 363.240, 363.720, 364.200, 364.680, 365.160, 365.640, 366.120, 366.600, 367.080, 367.560, 368.040, 368.520, 369.000, 369.480, 369.960, 370.440, 370.920, 371.400, 371.880, 372.360, 372.817, 373.246, 373.646, 374.018, 374.362, 374.676, 374.963, 375.220, 375.449, 375.650, 375.822, 375.965, 376.080, 376.166, 376.224, 376.253, 376.254, 376.226, 376.169, 376.084, 375.970, 375.828, 375.657, 375.457, 375.238, 375.018, 374.798, 374.578, 374.358, 374.138, 373.918, 373.698, 373.478, 373.258, 373.038, 372.818, 372.598, 372.378, 372.158, 371.938, 371.718, 371.498, 371.278, 371.058, 370.838, 370.618, 370.398, 370.178, 369.958, 369.738
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	348.389, 348.725, 349.085, 349.469, 349.877, 350.308, 350.763, 351.240, 351.720, 352.200, 352.680, 353.160, 353.640, 354.120, 354.600, 355.080, 355.560, 356.040, 356.520, 357.000, 357.480, 357.960, 358.440, 358.920, 359.400, 359.880, 360.360, 360.840, 361.320, 361.800, 362.280, 362.760, 363.240, 363.720, 364.200, 364.680, 365.160, 365.640, 366.120, 366.600, 367.080, 367.560, 368.040, 368.520, 369.000, 369.480, 369.960, 370.440, 370.920, 371.400, 371.880, 372.360, 372.817, 373.246, 373.646, 374.018, 374.362, 374.676, 374.963, 375.220, 375.449, 375.650, 375.822, 375.965, 376.080, 376.166, 376.224, 376.253, 376.254, 376.226, 376.169, 376.084, 375.970, 375.828, 375.657, 375.457, 375.238, 375.018, 374.798, 374.578, 374.358, 374.138, 373.918, 373.698, 373.478, 373.258, 373.038, 372.818, 372.598, 372.378, 372.158, 371.938, 371.718, 371.498, 371.278, 371.058, 370.838, 370.618, 370.398, 370.178, 369.958, 369.738
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	347.252, 347.745, 348.247, 348.865, 349.472, 350.113, 350.759, 351.447, 352.153, 352.797, 353.372, 353.934, 354.447, 354.922, 355.301, 355.696, 355.864, 355.996, 356.390, 356.670, 356.980, 357.335, 357.885, 358.410, 359.004, 359.670, 360.403, 361.017, 361.568, 362.153, 362.779, 363.393, 364.005, 364.674, 365.269, 365.791, 366.281, 366.877, 367.445, 368.063, 368.671, 369.322, 369.883, 370.442, 371.181, 371.887, 372.497, 373.046, 373.763, 374.357, 374.971, 376.345, 376.346, 376.139, 375.866, 375.728, 375.590, 375.463, 374.949, 374.153, 371.558, 374.416, 375.140, 375.433, 374.659, 374.288, 374.440, 374.466, 374.595, 374.546, 374.582, 374.660, 374.685, 374.706, 373.822, 373.000, 372.777, 372.525, 372.463, 372.130, 372.082, 371.920, 371.819, 371.627, 371.482, 371.358, 371.100, 371.040, 370.917, 370.754, 370.507, 370.357, 370.223, 370.246, 370.207, 369.733, 369.636
HORIZONTAL SCHEMATIC	R=-1900.000m L=168.932m; L=28.281m; L=70.000m; R=170.000m L=10.844m; L=70.000m; L=57.929m; R=-2000.000m L=27.948m; L=331.780m; L=70.000m; R=-160.000m L=184.889m
VERTICAL @LHS	R=4200.000m L=105.000m; G=4.800 L=444.607m; L=245.000m R=-3500.000m; L=262.333m G=-2.200
VERTICAL @RHS	R=4200.000m L=105.000m; G=4.800 L=444.607m; L=245.000m R=-3500.000m; L=262.333m G=-2.200
SUPERELEVATION	S=-2.500 RHS=-2.500; LHS=5.000 RHS=-5.000; LHS=-2.500 RHS=-2.500; RHS=-2.500 LHS=-2.500; RHS=7.000 LHS=-7.000
CHAINAGE	34000, 34010, 34020, 34030, 34040, 34050, 34060, 34070, 34080, 34090, 34100, 34110, 34120, 34130, 34140, 34150, 34160, 34170, 34180, 34190, 34200, 34210, 34220, 34230, 34240, 34250, 34260, 34270, 34280, 34290, 34300, 34310, 34320, 34330, 34340, 34350, 34360, 34370, 34380, 34390, 34400, 34410, 34420, 34430, 34440, 34450, 34460, 34470, 34480, 34490, 34500, 34510, 34520, 34530, 34540, 34550, 34560, 34570, 34580, 34590, 34600, 34610, 34620, 34630, 34640, 34650, 34660, 34670, 34680, 34690, 34700, 34710, 34720, 34730, 34740, 34750, 34760, 34770, 34780, 34790, 34800, 34810, 34820, 34830, 34840, 34850, 34860, 34870, 34880, 34890, 34900, 34910, 34920, 34930, 34940, 34950, 34960, 34970, 34980, 34990, 35000, 35010

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED — PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740 GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD. — RK TOWER, SECTOR 4, VAISHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:-

SAFETY CONSULTANT:-

DESIGN DIRECTOR: TecXKonnect — PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 34+000 TO 35+000)

SCALE: HOR -1 : 2000, VER -1 : 200 — SIZE: A2

DRG. NO: PINJORE-BYPASS/HW/P&P/31

SHEET: 31 OF 32

REV: R0

DATE: MAR, 2022

LEGEND :

EXISTING PLAN :

- : EXIST. CARRIAGEWAY
- : BUILDING
- : TEMPLE
- : HT TOWER
- : BOUNDARY WALL
- : FENCING
- : HAND PUMP
- : TREE
- : ELECRTIC LINE
- : HT LINE

PROPOSED PLAN :

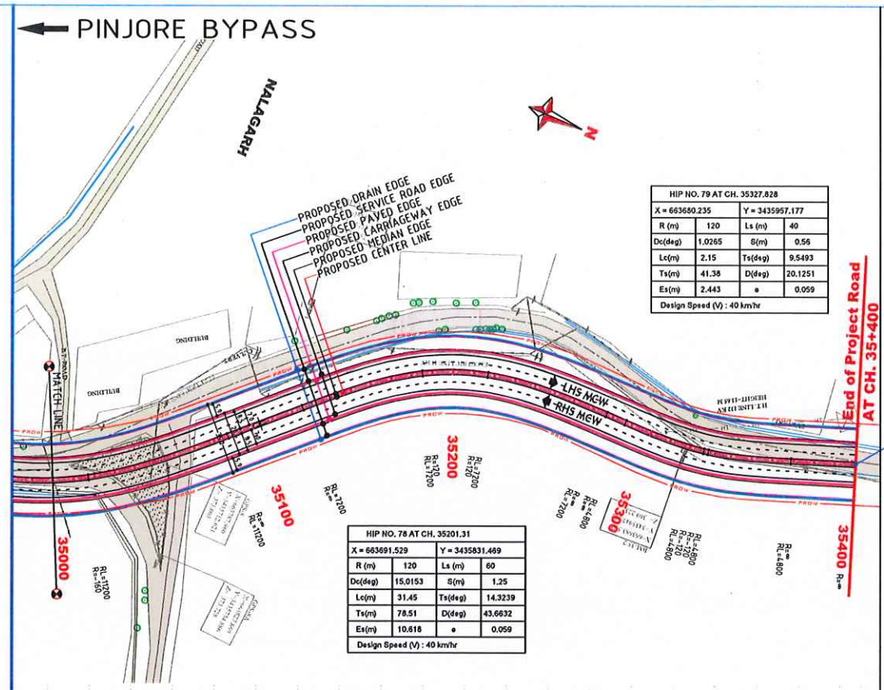
- PROW — PRO. ROW
- TOE LINE
- SH EDGE
- C/W EDGE
- LANE MARKING
- MEDIAN
- LANE MARKING
- C/W EDGE
- SH EDGE
- TOE LINE
- PROW — PRO. ROW

SVUP LVUP VUP

- RCC BOX CULVERT
- RE WALL
- BREAST WALL
- RETAINING WALL/TOE WALL

PROPOSED PROFILE :

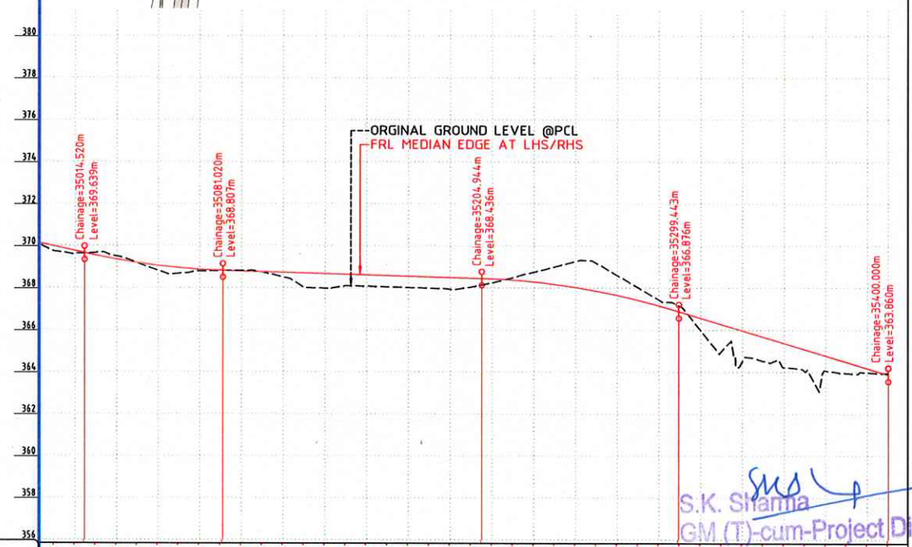
- PROPOSED ROAD LEVEL AT LHS MEDIAN EDGE
- PROPOSED ROAD LEVEL AT RHS MEDIAN EDGE
- ORIGINAL GROUND LEVEL @ PRPOSED CENTERLINE
- SUPERELEVATION SCHEMATIC



HIP NO. 79 AT CH. 35327.828			
X = 663650.235		Y = 3435957.177	
R (m)	120	Ls (m)	40
Dc(deg)	1.0265	S(m)	0.56
Lc(m)	2.15	Ts(deg)	9.5493
Ts(m)	41.38	D(deg)	20.1251
Es(m)	2.443	e	0.059
Design Speed (V) : 40 km/hr			

HIP NO. 78 AT CH. 35201.31			
X = 663691.529		Y = 3435831.469	
R (m)	120	Ls (m)	60
Dc(deg)	15.0153	S(m)	1.25
Lc(m)	31.45	Ts(deg)	14.3239
Ts(m)	78.51	D(deg)	43.6632
Es(m)	10.618	e	0.059
Design Speed (V) : 40 km/hr			

END OF PROJECT ROAD FROM KM. 35+400



S.K. Sharma
GM (T)-cum-Project Director

DATUM :-

PROPOSED ROAD LEVEL @LHS MEDIAN EDGE	369.958, 369.738, 369.522, 369.332, 369.171, 369.038, 368.934, 368.858, 368.811, 368.780, 368.750, 368.720, 368.690, 368.660, 368.630, 368.600, 368.570, 368.540, 368.510, 368.480, 368.450, 368.417, 368.358, 368.271, 368.155, 368.010, 367.837, 367.636, 367.406, 367.147, 366.860, 366.560, 366.260, 365.960, 365.660, 365.360, 365.060, 364.760, 364.460, 364.160, 363.860
PROPOSED ROAD LEVEL @RHS MEDIAN EDGE	369.958, 369.738, 369.522, 369.332, 369.171, 369.038, 368.934, 368.858, 368.811, 368.780, 368.750, 368.720, 368.690, 368.660, 368.630, 368.600, 368.570, 368.540, 368.510, 368.480, 368.450, 368.417, 368.358, 368.271, 368.155, 368.010, 367.837, 367.636, 367.406, 367.147, 366.860, 366.560, 366.260, 365.960, 365.660, 365.360, 365.060, 364.760, 364.460, 364.160, 363.860
ORIGINAL GROUND LEVEL @PRPOSED CENTERLINE	369.733, 369.636, 369.659, 369.495, 369.173, 368.821, 368.679, 368.791, 368.805, 368.817, 368.733, 368.512, 368.012, 367.980, 368.098, -999.00, -999.00, -999.00, -999.00, 367.929, 368.039, 368.237, 368.484, 368.747, 368.999, 369.265, 369.178, 368.601, 368.018, 367.437, 367.138, 366.994, 364.993, 364.501, 364.524, 364.224, 364.044, 364.062, 363.940, 363.974, 363.946
HORIZONTAL SCHEMATIC	L=70.000m; L=38.296m; L=60.000m; R=120.000m L=31.448m; L=60.000m; L=9.810m; L=40.000m; L=40.000m; R=120.000m L=2.149m; L=31.097m
VERTICAL @LHS	R=3500.000m L=66.500m; L=123.924m G=-0.300; L=94.500m R=-3500.000m; L=100.557m G=-3.000
VERTICAL @RHS	R=3500.000m L=66.500m; L=123.924m G=-0.300; L=94.500m R=-3500.000m; L=100.557m G=-3.000
SUPERELEVATION	RHS=-2.500 LHS=-2.500; RHS=-5.926; LHS=5.926; RHS=-2.500 LHS=-2.500; RHS=5.926; LHS=-5.926; RHS=-2.500 LHS=-2.500
CHAINAGE	35000, 35010, 35020, 35030, 35040, 35050, 35060, 35070, 35080, 35090, 35100, 35110, 35120, 35130, 35140, 35150, 35160, 35170, 35180, 35190, 35200, 35210, 35220, 35230, 35240, 35250, 35260, 35270, 35280, 35290, 35300, 35310, 35320, 35330, 35340, 35350, 35360, 35370, 35380, 35390, 35400

REV.	DATE	DESCRIPTION	Engr.	D/M

CLIENT:- NATIONAL HIGHWAYS AUTHORITY OF INDIA (MINISTRY OF ROAD TRANSPORT & HIGHWAYS, GOVERNMENT OF INDIA)

EPC CONTRACTOR:- PATEL INFRASTRUCTURE LIMITED, PATEL HOUSE, BESIDE PRAKRUTI RESORT, CHHANI ROAD, CHHANI, VADODARA - 391740. GUJARAT, INDIA

AUTHORITY ENGINEER: CHAITANYA PROJECTS CONSULTANCY PVT. LTD. RK TOWER, SECTOR 4, VASHALI, GHAZIABAD, UTTAR PRADESH-201010

PROOF CONSULTANT:

SAFETY CONSULTANT:

DESIGN DIRECTOR: TecKonnect, PLOT NO.3141 BASEMENT, SECTOR-57 NEAR RAIL VIHAR, GURGAON-122011

PROJECT:- FOUR LANING OF THE PROJECT HIGHWAY FROM END OF PINJORE BYPASS- NALAGARH SECTION (KM.4+200 TO 35+395) OF NH-105 (OLD NH-21A) IN THE STATE OF HARYANA AND HIMACHAL PRADESH ON THE EPC MODE

PREPARED	S.V.
DESIGNED	NITIN
CHECKED	ANUJ
APPROVED	

TITLE: **PLAN & PROFILE OF MAIN CARRIAGEWAY (FROM KM. 35+000 TO 35+400)**

DATE: MAR, 2022

SCALE: HOR -1 : 2000, VER -1 : 200

SIZE: A2

DRG. NO: **PINJORE-BYPASS/HW/P&P/32**

SHEET: 32 OF 32

REV: R0

Name of Proposal	Proposal for diversion of 0.5747 ha. of forest land in village Mini Secretariat from R/D 33/900 to R/D 34/400 for Baddi-Nalagarh section of NH 21A from km. 17.500 to km. 35.000 in the state of Himachal Pradesh
Proposal No.	FP/HP/ROAD/141689/2021

Kilometer Wise Proposed & Existing ROW/Chainage Wise Area Calculation

Sr. No.	Chainage		Length of road passing through non forest land (m)	Length of road passing through forest land (m)	Avg. width proposed ROW (m)	Avg. width EROW (m)	Chainage wise approx. area of non-forest land (Sqm) excluding EROW	Chainage wise approx. area of forest land (Sqm) excluding EROW	Remarks
	From (km.)	To (km.)							
1	17/500	18/500	1000	-	14	24	14000	0	-
2	18/500	19/500	1000	-	15	24	15000	0	-
3	19/500	20/500	1000	-	14	24	14000	0	-
4	20/500	21/500	1000	-	15	24	15000	0	-
5	21/500	22/500	1000	-	16	24	16000	0	-
6	22/500	23/500	1000	-	14	24	14000	0	-
7	23/500	24/500	1000	-	14	24	14000	0	-
8	24/500	25/500	1000	-	14	24	14000	0	-
9	25/500	26/500	1000	-	16	24	16000	0	-
10	26/500	27/500	1000	-	14	24	14000	0	-
11	27/500	28/500	1000	-	15	24	15000	0	-
12	28/500	29/500	1000	-	16	24	16000	0	-
13	29/500	30/500	1000	-	16	24	16000	0	-
14	30/500	31/500	1000	-	15	24	15000	0	-
15	31/500	32/500	1000	-	14	24	14000	0	-
16	32/500	33/500	1000	-	15	24	15000	0	-
17	33/500	34/500	500 (Non forest land from km. 33/500 to Km. 33/900 & from km. 34/400 to km. 34/500)	500 (Forest Land from km. 33/900 to km. 34/400)	15	24	7500	7500	The proposed forest area measuring 0.5747 ha. for diversion has been calculated as per the revenue records, and the difference of 1700 sqm (approx.) is due to existance of Govt. PG college Nalagarh. Therefore as per proposed alignment there is requirement of 5747 sqm of forest land only.
18	34/500	35/000	1000	-	15	24	15000	0	-

Project Director
NHAI PIU Shimla

S.K. Sharma
GM (T)-cum-Project Director
NHAI, PIU-Shimla

Proceedings of the meeting of the District Level Committee constituted under Schedule Tribes & Other Traditional Forest Dwellers (Recognition of Forest Rights) Act (FRA) 2006

A meeting of the District Level Committee of Solan District, constituted under FRA, 2006 was held under the Chairpersonship of Kritika Kulhari, IAS, Deputy Commissioner, Solan on 20-11.2021 (11:00 AM) at Solan in which the application (s) claiming rights in **Municipal Counsil Nalagarh** forest area under FRA, 2006 of the following applicant (s) duly processed and recommended by the Sub-Division Level Committee (s) of Nalagarh Sub- Division (s), were discussed to consider the same for admission by the District Level Committee.

After scrutiny of the documents and detailed discussions the following decision were taken on each application:-

Name of Applicant	**Decision (Admitted/Rejected)**
	Admitted
The Project Director, NHAI, Shimla	

Place:Solan

DC-Cum Chairman/Chairperson,
District Level Committee,
Solan District HP.

Nalagarh

Form-1

(For linear projects)

Government of Himachal Pradesh

Office of the District Collector, Solan, Distt Solan H.P.

No. DRA/1-158/2016-IX- 3491/2 Dated:- 17/12/2021

TO WHOM SO EVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forest (MoEF), Government of India's letter No. 11-9/98-FC(pt.) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 ('FRA' for short) on the forest land proposed to be diverted for non- forest purposes read with MoEF's letter dated 5th February 2013 Wherein MoEF issued certain relaxation in respect of linear projects, It is certified that 00-57-47 **hectare** of forest land proposed to be diverted for the purpose of widening and four laning of NH-21 A(Now NH-105) in favour of **National Highway Authority of India** in Solan District fall within jurisdiction of **Municipal Counsil Nalagarh** Revenue Village Reserve Mini Secretriat in Tehsil Nalagarh.

It is further certified that:-

(a).The complete process for identification and settlement of rights under the FRA has been carried out for the entire 00-57-47 **hectares** of forest area proposed for diversion. A copy of records of all consultations and meetings of the Forest Rights Committee (s), Gram Sabha (s), Sub Division Level Committee (s) and District Level Committee are enclosed as annexure A to annexure D.

(b).The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it.

(c).The Proposal does not involve recognized rights of Primitive Tribal Groups and Pre-agricultural communities.

Encls:- As above.

Kritika Kulhari (IAS)
District Collector,
Solan. Distt Solan (H.P)

Annexure-II
[See Rule 8(h)]
TITLE FOR FOREST LAND UNDER OCCUPATION

1.	Name(s) of holder(s) of forest right (including spouse):	NIL
2.	Name of the father/mother	NIL
3.	Name of dependents:	NIL
4.	Address:	NIL
5.	Village/Gram sabha:	NIL
6.	Gram Panchayat:	NIL
7.	Tehsil/ Taluka:	NIL
8.	District:	NIL
9.	Whether Scheduled Tribe of Other Traditional Forest Dweller:	NIL
10.	Area:	NIL
11.	Description of boundaries by prominent landmarks including khasra/ compartments No:	NIL

This title is heritable, but not alienable or transferable under sub-section (4) of Section 4 of the Act.

We, the undersigned hereby, for and on behalf of the Government of Himachal Pradesh affix our signatures to confirm the above forest right.

Divisional Forest Officer,
Nalagarh Distt Solan (H.P)

Nalagarh Forest Division,
Nalagarh, Distt. Solan, H.P.

Additional Deputy Commissioner,
Solan, Distt Solan (H.P)

Additional Deputy Commissioner
Solan, Distt. Solan (H.P.)

Deputy Commissioner
Solan District
Solan (H.P.)

Deputy Commissoner,
Solan, Distt Solan (H.P)

Annexure-III
[See Rule 8(h)]
TITLE TO COMMUNITY FOREST RIGHTS

1.	Name(s) of holder(s) of community forest rights.	All Permanent Residents of Revenue Estate Muhal " Mini Secretriat"
2.	Municipal Counsil/Ward	Mini Secretriat
3.	Municipal Counsil	Nalagarh
4.	Tehsil/Taluka	Nalagarh
5.	District	Solan
6.	Scheduled Tribe/ Other Traditional Forest Dweller	Scheduled Tribe/Other Traditional Forest Dweller.
7.	Nature of Community rights	As no claims have been received at the Muhal level or the Sub- Divisional Level, the community rights as recored in the Waszib-UI-Arz and Forest Settlement report are deemed to be settled.
8.	Conditions if any	-
9.	Description of boundaries including customary boundary and/or by prominent landmarks including Kharsa/compartment No.	Entire forest land of Muhal Mini Secretriat.

Name (S) of the holder(s) of community forest right:-

3. ALL PERMANENT RESIDENTS OF REVENUE ESTATE "Mini Secretriat".

We, the undersigned hereby, for and on behalf of the Government of Himachal Pradesh affix our signatures to confirm the forest right as mentioned in the Title to the above mentioned holders of community forest rights.

Divisional Forest Officer,
Nalagarh, Distt Solan (H.P)

Divisional Forest Officer,
Nalagarh, Distt. Solan, H.P

Additional Deputy Commissioner,
Solan, Distt Solan (H.P)

Additional Deputy Commissioner,
Solan, Distt. Solan (H.P.)

Deputy Commissioner,
Solan, Distt. Solan (H.P)

Deputy Commissoner,
Solan, Distt Solan (H.P)

Annexure-IV

[See Rule 8(i)]

TITLE TO COMMUNITY FOREST RESOURCES

1.	Municipal Counsil/Ward	Mini Secretriat
2.	Municipal Counsil	Nalagarh
3.	Tehsil/Taluka	Nalagarh
4.	District	Solan
5.	Scheduled Tribe/ Other Traditional Forest Dweller	Scheduled Tribe/Other Traditional Forest Dweller
6	Descripation of boundaries including customary boundary by prominent landmarks including Kharsa/ compartment No.	Scheduled Tribe/Other Traditional Forest Dweller.

Within the said area, this community has the right to protect, regenerate or conserve or manage ,and this (to be named) community forest resources which they have been traditionally protecting and conserving for sustainable used as per Secton 3(1) (i) of the Act. No conditions are being imposed on this right other than those in the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act and the Rules framed the under.

We, the undersigned , hereby, for and on behalf of the Government affix our signatures to confirm community forest resource (to be named and specified in extent, quantum , area, whichever is applicable) as mentioned in the title to the above mentioned Gramsabha/ communities.

Divisional Forest Officer,
Nalagarh, Distt Solan (H.P)

Divisional Forest Officer,
Nalagarh Forest Division,
Nalagarh, Distt. Solan, H.P

Additional Deputy Commissioner,
Solan, Distt Solan (H.P)

Additional Deputy Commissioner
Solan, Distt. Solan (H.P.)

Deputy Commissoner,
Solan, Distt Solan (H.P)

Deputy Commissioner,
Solan District,
Solan (H.P.)

क्रमांक: नलग/एस.डी.के./2021- 1333
कार्यालय उप-मंडलाधिकारी (ना०)
नालागढ़, जिला सोलन (हि०प्र०) ।

Azadi Ka Amrit Mahotsav

नालागढ़ दिनांक:- 29 नवम्बर, 2021

सेवा में,

उपायुक्त महोदया
सोलन, जिला सोलन (हि.प्र.) ।

विषय:- No objection certificate FRC for the establishment of Pinjore-Baddi-Nalagarh road.

महोदया,

उपरोक्त विषय में कार्यकारी अधिकारी, नगर परिषद् नालागढ़ के कार्यालय पत्र संख्या: एम.सी./नलग/2021-1610 दिनांक 25.10.2021 के सन्दर्भ में निवेदन है कि पिंजौर-बद्दी-नालागढ़ (बद्दी-नालागढ़) हेतु जंगल DPF महाल मिनीसेक्रेटरीएट खसरा न. 550/1 (2296 वर्ग मीटर), 858/1 (1492 वर्ग मीटर), 892/1 (144 वर्ग मीटर), 906/1 (757 वर्ग मीटर), 906/2/1 (96 वर्ग मीटर), 908/1 (598 वर्ग मीटर), 908/2/1(364 वर्ग मीटर) किता 7 रकवा तादादी 5747 वर्ग मीटर उप मोहाल मिनी सेक्रेटरीएट, तहसील नालागढ़ भूमि बारे में अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत गठित समितियों द्वारा तैयार रिपोर्ट/प्रमाण पत्र मय राजस्व कागजात की छायाप्रतिया एवं उपमंडलीय स्तर की समिति की सिफारिश इस पत्र के साथ संलग्न करके जिला स्तरीय समिति के अनुमोदनार्थ हेतु महोदया की सेवा में प्रेषित है।

भवदीय,

संलगन :- मूल मिसल

(महेंद्र पाल गुर्जर भा०प्र०से०),
उप मंडलाधिकारी (ना०),
नालागढ़ जिला सोलन (हि.प्र.) ।
दूरभाष न. - 01795-223024

JOINT INSPECTION REPORT

Proceedings of the meeting of the Sub-Division Level Committee constituted under Schedule Tribes & Other Traditional Forest Dwellers (Recognition of Rights) Act (FRA), 2006

A meeting of the Sub – Division Level Committee of Nalagarh Sub Division constituted under FRA, 2006 was held under the chairmanship of Sh. Mahendra Pal Gurjar, IAS, SDO (C) Nalagarh on 27/09/2021 at 11:00 AM at Nalagarh in which the application of Executive Officer, Municipal Council, Nalagarh for issuance of certificate under Forest Right Act 2006 for the establishment of Pinjore-Baddi-Nalagarh (Baddi-Nalagarh) for widening of NH 21 A (Now 105) road was considered.

Forest Right Committee of ward No. 2, Mini Secretariat has issued the certificate vide Resolution No 86 dated 23.09.2021 under Forest Right Act 2006 (Schedule Tribes & Other Traditional Forest Dwellers Recognition of Rights), after considering rights/claims of such Schedule Tribes & Other Traditional Forest Dwellers over it.

In this regard, a joint inspection of proposed site was conducted on dated 27-10-2021 by the members of Sub-Divisional Level Committee. (list attached)

After scrutiny of the documents and detailed discussions, the claim of above application were found to be in order and member of the Sub-Division Level Committee has duly been recommended the proposal to the District Level Committee for further necessary action.

Place : Nalagarh
Date : 25.09.2021

SDO (Civil)-cum-Chairman
Nalagarh, District Solan (H.P.)

Meeting of FRA held under the Chairmanship of Sh. Mahendra Pal Gurjar (I.A.S), Sub-Divisional Magistrate, Nalagarh on dated 27-10-2021 at 11:00 AM.

Sr. No.	Name of Officer/Official	Designation	Mobile No.	Signature
1	Rishabh Sharma	Tehsildar	9805119444	[illegible]
2	Manish Pawar	ACF	9418034087	[illegible]
3	Dinesh Punia	Site engineer NHAI Shimla	8209416991	[illegible]
4	Baljeet Singh Rana	M.e. Udyog	9816042660	[illegible]
5	Balwinder Singh	पंचायत मैन	7910688580	Balwinder Singh
6	Surinder Singh	B.D.C.	98164-72378	Surinder Singh
7	अली मोहम्मद	B.D.C.	9816135076	ALI MOHD
8				
9				
10				

C/S

उप-मण्डल अधिकारी (ना.)
नालागढ़ जिला सोलन हि०प्र०

नगर पालिका परिषद नालागढ की साधारण बैठक प्रस्ताव सँख्या 86 दिनाक 23.09.2021 की प्रतिलिपि।

86. प्रार्थना पत्र वावत राष्ट्रीय राज मार्ग हेतु नगर परिषद क्षेत्र से वन विभाग क्षेत्र की अनापति प्रमाण पत्र बारे।

बैठक में अवगत करवाया गया कि राष्ट्रीय राजमार्ग के कार्यालय पत्र संख्या:– 11012/4/2016/Forest/P-N/PIU-SML/1114 के दिनाक 09 अगस्त 2021 नगर परिषद कार्यालय में प्राप्त हुआ जिसमें कि सरकार द्वारा फोर लाईन (NH-21A (New NH-105) का कार्य पिंजौर बददी नालागढ तक करवाया जाना प्रस्तावित है। जिसके लिए उन्हे नगर परिषद नालागढ क्षेत्र से वन विभाग के खस्रा न0 की **FRA** प्रमाण पत्र की अवश्यकता है जो निम्न प्रकार से है :–

न.मु	नम्बर खस्रा	तदादी रकबा मीटर में
1	550/1	2296
2	858/1	1492
3	892/1	144
4	906/1	757
5	906/2/1	96
6	908/1	598
	908/2/1	364
	कुल	5747

बैठक में विचारों उपरान्त निर्णय लिया गया कि नगर परिषद नालागढ के सभी सदस्य **FRA** कमेटी के सदस्य है उपरोक्त खस्रा न0 में फोर लाईन का कार्य सरकार द्वारा किया जाना है। विचारो उपरान्त सर्वसम्मति से निर्णय लिया गया कि जन साधारण से आपति व सुझाव दिनाक 24.09.2021 से 25.10.2021 मांगे जाए। उसके उपरान्त राष्ट्रीय राजमार्ग को अनापति प्रमाण पत्र दे दिया जाए।

ह0
अध्यक्ष,
नगर पालिका परिषद,
नालागढ हि.प्र

Attested True Copy

Executive Officer
Municipal Council
Nalagarh (H.P.)

सॅख्याः–एम.सी/नलग/2021. 1815
कार्यालय कार्यकारी अधिकारी ,
नगर पालिका परिषद नालागढ
जिला सोलन हिमाचल प्रदेश,
दिनाक नालागढ 25/10/21

सेवा में,

उपमण्डलधिकारी ना0
नालागढ जिला सोलन हि.प्र

विषयः– राष्टीय राज मार्ग हेतु FRA प्रमाण पत्र बारे।

उपरोक्त विषय के सम्वन्ध में आपको इस पत्र द्वारा लिखा जाता है कि नगर पालिका परिषद प्रस्ताव सॅख्याः– 83 दिनाक 23.09.2021 द्वारा फोर लाईन के कार्य हेतु NH-21 A (New NH-105) पिंजौर बददी नालागढ तक करवाया जाने के जन साधारण से दिनाक 24.09.2021 से 25.10.2021 तक जन साधारण से आपति व सुझाव मांगे गये थे। जिसमें किसी भी प्रकार का दावा व आपति वन भूमि अथवा सरकारी भूमि पर निश्चित अवधि में प्राप्त न हुआ है। जो नगर परिषद नालागढ क्षेत्र में वन विभाग के निम्न खस्रा की है:–

न.मु	नम्वर खस्रा	तदादी रकबा मीटर में
1	550/1	2296
2	858/1	1492
3	892/1	144
4	906/1	757
5	906/2/1	96
6	908/1	598
	908/2/1	364
	कुल	5747

उपरोक्त खस्रा न0 नगर परिषद नालागढ में शुन्य दावे व शुन्य आपति प्राप्त हुई है।अत (No claim No Objection) प्रमाण पत्र उपमण्डलधिकारी ना0 स्तर की कमेटी को अवश्यक कार्यवाही हेतु प्रेषित किया जाता है।

भवदीय,

कार्यकारी अधिकारी,
नगर पालिका परिषद,
नालागढ हि.प्र

Annexure-I

जनजाति व अन्य परम्परागत वन निवासी वन अधिकारों की मान्यता अधिनियम 2006

वन अधिकार समिति : मिनी सेक्रेटरीएट, वार्ड न. 02, नालागढ़
मोहाल सभा का नाम : मिनी सेक्रेटरीएट, वार्ड न. 02, नालागढ़
नगर परिषद् का नाम : नालागढ़

प्रस्ताव संख्या: 86

दिनांक: 23.09.2021

वन अधिकार समिति मोहाल सभा मिनी सेक्रेटरीएट, वार्ड न. 02, नालागढ़ की बैठक आज दिनांक 23.09.2021 को वार्ड न. 02, नालागढ़ मोहाल के अनुसूचित जनजाति व अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत वन अधिकारों के लिए दावे प्राप्त हुए ग्रामवासियों के वन अधिकारों के आवेदन पर चर्चा की गई । वन अधिकारों के प्रस्तावों के साथ प्रस्तुत दस्तावेजो के साथ प्रस्तुत दस्तावेजो के अध्ययन तथा उस पर विस्तृत चर्चा के उपरान्त निम्न प्रकार से कार्यवाही की गई:-

सही दावो का ब्यौरा:- कुल प्राप्त आवेदन

क्र०सं०	पत्र गाँववासी के नाम	जंगल का नाम	वन अधिकार का ब्यौरा

तदानुसार यह मोहाल सभा इस दावे/इन दावो को पारित करने हेतु मोहाल सभा से इसकी सिफारिश है उपरोक्त में से निम्नलिखित पात्रो का दावा नियमानुसार सही नही पाया गया :-

क्र०सं०	पत्र गाँववासी के नाम	जंगल का नाम	वन अधिकार का ब्यौरा

तदानुसार समिति सभा इस दावे/इन दावो निरस्त करने की सिफारिश करती है ।

या

मोहाल में कोई वन अधिकार का दावा प्राप्त नही हुआ ।

बंदोबस्त के दौरान तैयार की गयी वाजिबउल अर्ज नक्शा वर्तन एवं वन बंदोबस्त रिपोर्ट में वर्णित सामुदायिक वनाधिकारी एवं सामुदायिक वन संसाधन के अधिकारों को जांचा गया एवं मोहाल को निर्णय हेतु प्रेषित किया गया । वन संसाधनों के मानचित्र एवं परम्परागत सीमाए वन विभाग के अभिलेख के अनुसार ही माने गए ।

प्रधान, नगर परिषद, नालागढ़ जिला सोलन (हि०प्र०)	कार्यकारी अधिकारी, नगर परिषद, नालागढ़ जिला सोलन (हि०प्र०)	अध्यक्ष वन अधिकार समिति, वार्ड न. 2, नालागढ़।	सचिव वन अधिकार समिति, वार्ड न. 2, नालागढ़ ।

President Municipal Council Nalagarh Distt. Solan (H.P.)

Executive Officer Municipal Council Nalagarh Distt. Solan (H.P.)

C/S

उप-मण्डल अधिकारी (ना.)
नालागढ़ जिला सोलन

Annexure-II

जनजाति व अन्य परम्परागत वन निवासी वन अधिकारों की मान्यता अधिनियम 2006

वन अधिकार समिति: : मिनी सेक्रेटरीएट, वार्ड न. 02, नालागढ़

मोहाल सभा का नाम: : मिनी सेक्रेटरीएट, वार्ड न. 02, नालागढ़

नगर परिषद् का नाम: नगर परिषद्, नालागढ़

मोहाल सभा सदस्य संख्या: 15

प्रस्ताव संख्या : 86 दिनांक : 23.09.2021

मोहाल सभा मिनी सेक्रेटरीएट, वार्ड न. 02, नालागढ़ की बैठक आज दिनांक 23.09.2021 को 11:00 बजे नगर परिषद्, नालागढ़ स्थान में श्रीमती वंदना बंसल की अध्यक्षता में की गई व उपरोक्त मोहाल सभा की गणपूर्ति निम्न प्रकार से है जिसमे मिनी सेक्रेटरीएट, वार्ड न. 02, नालागढ़ मोहाल के अनुसूचित जनजाति व अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अंतर्गत इस मोहाल सभा की वन अधिकार समिति का सिफारिश के उपरान्त हुए ग्रामवासियों के आवेदनों पर चर्चा की गई। वन अधिकारों के प्रस्तावों के साथ प्रस्तुत दस्तावेजो के अध्ययन तथा उस पर विस्तृत चर्चा के उपरान्त निम्न प्रकार से कार्यवाही की गई:-

सही दावो का ब्यौरा:- कुल प्राप्त आवेदन

क्र०सं०	पत्र गाँववासी के नाम	जंगल का नाम	वन अधिकार का ब्यौरा

तदानुसार यह मोहाल सभा इस दावे/इन दावो को पारित करने हेतु मोहाल सभा से इसकी सिफारिश है उपरोक्त में से निम्नलिखित पात्रो का दावा नियमानुसार सही नही पाया गया :-

क्र०सं०	पत्र गाँववासी के नाम	जंगल का नाम	वन अधिकार का ब्यौरा

तदानुसार समिति सभा इस दावे/इन दावो निरस्त करने की सिफारिश करती है।

या

इस मोहाल सभा की वन अधिकार समिति से प्राप्त सुचना के अनुसार मोहाल मिनी सेक्रेटरीएट, वार्ड न. 02, नालागढ़ में कोई भी वन अधिकार का दावा प्राप्त नही हुआ।

वन अधिकार समिति के प्रस्ताव के अनुसार बंदोबस्त के दौरान तैयार की गई वाजिब उल अर्ज नक्शा वर्तन एवं वन बंदोबस्त रिपोर्ट में वर्णित सामुदायिक वनाधिकारो एवं सामुदायिक वन संसाधन के अधिकारों को सही पाया गया एवं उक्त अधिकारों दावे को स्वीकार किया गया। वन संसाधनों के मानचित्र एवं परम्परागत सीमाए वन विभाग के अभिलेख के अनुसार ही माने गए।

Reena Devi
प्रधान,
President
नगर परिषद, नालागढ़
Municipal Council
Nalagarh, Distt. Solan (H.P.)
जिला सोलन (हि०प्र०)

Executive Officer
Municipal Council Nalagarh
Distt. Solan (H.P.)
कार्यकारी अधिशासी अधिकारी
नगर परिषद, नालागढ़
जिला सोलन (हि०प्र०)

अध्यक्ष
वन अधिकार समिति,
वार्ड न. 2, नालागढ़।

सचिव अवतार सिंह
वन अधिकार समिति,
वार्ड न. 2, नालागढ़।

O/S

उप-मण्डल अधिकारी
नालागढ़ जिला सोलन

अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 की धारा 3 (2) के तहत

नगर परिषद् प्रस्ताव

वार्ड न. 02 | नाम वार्ड : मिनी सेक्रेटरीएट | नगर परिषद्: नालागढ़

गणपूर्ति : 15 | दिनांक : 23-09-2021 | जिला : सोलन

विषय: अनुसूचित जनजाति और परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 की धारा 3 (2) के तहत फॉरलेन मार्ग पिंजौर-बद्दी-नालागढ (बद्दी-नालागढ) के निर्माण हेतु ~~भूमि D.P.F. महाल मिनी सेक्रेटरीएट~~ वन क्षेत्र में प्रस्तावित 5747 वर्ग मीटर वन भूमि के उपयोग की मंजूरी के लिए सहमती प्रदान हेतु ।

उपरोक्त विषय पर आज दिनांक 23.09.2021 को 11:00 बजे वार्ड न. 02 नगर परिषद् नालागढ़ की सभा धारा 2 (छ) की परिभाषा अनुसार बुलाई गई । वार्ड न. 02 में कुल व्यस्क सदस्य है जिनमे से कुल व्यस्क सदस्य इस 15 सभा में उपस्थित थे । (व्यस्क सदस्यों की उपस्थिति हस्ताक्षरों के साथ संलग्न है)

वार्ड न. 02 मिनी सेक्रेटरीएट नालागढ़ में अनुसूचित जनजाति (अनुसूचित जनजाति: धारा 2 (ग) की परिभाषा अनुसार) तथा अन्य परम्परागत (अन्य परम्परागत वन निवासी: धारा 2 (ण) की परिभाषा अनुसार) वन निवासी के परिवार रहते है । (आवश्यक दस्तावेज साथ संलग्न है)

इस सभा में वन निवासियों (अनुसूचित जनजाति और अन्य परम्परागत वन निवासी) के वन अधिकारों के सन्दर्भ में चर्चा की गई । उनके वन अधिकार औपनिवेशिक काल से अपर्याप्त मान्यता प्राप्त है और उनका समाधान अति आवश्यक समझा गया ।

उपर उद्दत तथ्यों पर आधारित यह ग्राम सभा अनुसूचित जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 की धारा 3 (2) के तहत ~~भूमि D.P.F. महाल मिनी सेक्रेटरीएट~~ वन क्षेत्र के 5747 वर्ग मीटर वन भूमि में फॉरलेन मार्ग पिंजौर-बद्दी-नालागढ (बद्दी-नालागढ) के निर्माण का कृत संकल्प करते हुए प्रस्ताव पारित करती है तथा यह भी प्रमाणित करती है कि फॉरलेन मार्ग पिंजौर-बद्दी-नालागढ (बद्दी-नालागढ) के निर्माण हेतु प्रस्तावित वन भूमि के हस्तांतरण से किसी भी अनुसूचित जनजाति और अन्य परम्परागत वन निवासी/समुदाय का उक्त अधिनियम की धारा 3 (1) के अंतर्गत वर्णित वन अधिकारों का हनन नही होता है ।

Reena Rai		Dsaunal	सचिव अवतार सिंह
प्रधान,	कार्यकारी अधिकारी,	अध्यक्ष	
President नगर परिषद, नालागढ़	Executive Officer नगर परिषद, नालागढ़ ।	वन अधिकार समिति,	वन अधिकार समिति,
Municipal Council Nalagarh, Distt. Solan (H.P.)	Municipal Council Nalagarh, Distt. Solan (H.P.)	वार्ड न. 2, नालागढ़ ।	वार्ड न. 2, नालागढ़ ।

जिला सोलन (हि०प्र०) ।

C/S

उपस्थिति (वन अधिकार समिति), वार्ड न. 02, मिनी सेक्रेटरीएट नालागढ़

क्र०स०	नाम	पिता/पति का नाम	पदनाम	श्रेणी (पुरुष, स्त्री, अनुसूचित जनजाति)	उम्र	हस्ताक्षर
1.	[illegible]	[illegible]	सदस्य	पुरुष	57	[illegible]
2.	अनिल कुमार	श्री हरीश	सदस्य	पुरुष	35	[illegible]
3.	[illegible]	श्री [illegible]	सदस्य	पुरुष	25	[illegible]
4.	[illegible]	श्री राम [illegible]	सदस्य	स्त्री	32	[illegible]
5.	दिलराज कौर	[illegible]	सदस्य	स्त्री	38	दिलराज कौर
6.	सोनीया	श्री [illegible]	सदस्य	स्त्री	34	Sonia
7.	मोनू	श्री [illegible]	सदस्य	स्त्री	"	[illegible]
8.	मनजीत	श्री [illegible]	सदस्य	पुरुष	30	[illegible]
9.	अवतार सिंह	श्री प्रीतम सिंह	सचिव	पुरुष	42	अवतार सिंह
10.	[illegible]	श्री [illegible]	सदस्य	पुरुष	30	[illegible]
11.	शकील मुहम्मद	श्री [illegible]	सदस्य	पुरुष		[illegible]
12.	राहुल	श्री सतीश [illegible]	सदस्य	पुरुष	25	[illegible]
13.	पुष्पा देवी	श्री मनजीत सिंह	सदस्य	स्त्री	28	[illegible]
14.	बशीर मुहम्मद	अब्दुल [illegible]	सदस्य	पुरुष	37	[illegible]
15.	[illegible]	श्री [illegible]	प्रधान	स्त्री	52	[illegible]

प्रमाणित किया जाता है कि उपरोक्त वन अधिकार समिति के सदस्यों द्वारा हस्ताक्षर आज दिनांक 23.09.2021 को अधोहस्ताक्षरियो की उपस्थिति में किए गए ।

स्थान:नालागढ़

दिनांक: 23.09.2021

President
Municipal Council
Nalagarh Distt. Solan (H.P.)
जिला सोलन (हि०प्र०)

Executive Officer
Municipal Council
Nalagarh Distt. Solan (H.P.)
जिला सोलन (हि०प्र०)

अध्यक्ष
वन अधिकार समिति,
वार्ड न. 2, नालागढ़।

सचिव अवतार सिंह
वन अधिकार समिति,
वार्ड न. 2, नालागढ़ ।

इन्तखाब जमाबन्दी/मिसल हकीयत बाबत साल 2012-13 को इसकी दरख्वास्त पर की गई — इनदाज आखरी मुफस्सल जमाबन्दी साल

जो मुसम्मी

नम्बर खाता खतौनी	नाम तरफ़ या पत्ती	नाम मालिक व ऐहवाल	नाम काश्तकार व ऐहवाल	नाम चाह या दीगर बसायल आबपाशी	तफसील खेत हाय: नम्बर खसरा साबिक	नम्बर खसरा हाल	रकबा	किस्त अराजी	लगान	माल गुजारी: माल	माल गुजारी: सवाई
1	2	3	4	5	6				7	8	
312 किं 343 किं		हिमाचल प्रदेश सरकार	शारे आम			907	170-80	गैर मु. राकड़			
						550	2930-29	जंगल	2296		
						846	[illegible]	[illegible]			
312 किं 344 किं			कब्जा नज़ किमाज़			858	1481-39	"	1492		
						892	7013-58	"	0-0144		
						906	2981-24	"	757		
						908	1279-67	"	598		
						कुल	27009-59	जंगल किस्म किस्म			

प्रमाणित किया जाता है कि नकल मुताबिक असल के दरुसत है।

ह. पटवारी

OFFICE OF THE SUB-DIVISIONAL OFFICER (CIVIL)-cum-COMPETENT AUTHORITY LAND ACQUISITION, NALAGARH. DISTRICT SOLAN (H.P.)

No.NLG/SDM/CALA/2021/- 1311 Dated : 18th November, 2021.

To

The Deputy Commissioner,
Solan. District Solan.HP.

Subject:- Four Laning of Pinjore-Baddi-Nalagarh section of NH 105 from Km. 4.200 to km. 35.000 of NH 21 A in the State of Haryana and Himachal Pradesh. Reg. issuance of Non Availability of Non Forest Land Certificate & FRA Certificate & FRA Certificate for FCA of diversion of 0.5747 hectare of forest land in village Mini Secretariat From R/D 33/900 to R/D 34/400 for four laning work of Baddi-Nalagarh section of NH-21A (New NH-105) in the state of Himachal Pradesh.

Madam,

On the subject cited above, the proceedings of Sub-Division Level Committee of Nalagarh constituted under Scheduled Tribes & Other Traditional Forest Dwellers (Recognition of Rights) Act,(FRA)2006 which was held under the Chairmanship of the undersigned on 18.11.2021, are enclosed herewith. The sub-Division Level Committee has recommended the diversion of 0.5747 Hect. of forest land for the purpose of Establishment of four Laning of Pinjore-Baddi-Nalagarh section for widening of NH 21-A (Now NH -105).

You are, therefore, requested to issue FRA Certificate in respect of the above forest Land.

Encl: As above.

Yours faithfully,

(Mahendra Pal Gurjar) IAS
Sub-Divisional Officer (C)
-cum-CALA, Nalagarh.

Endst.No. As above. Dated the 18th November, 2021.

A copy is forwarded to the Project Director, NHAI,PIU, Shimla-5 for information and necessary action.

(Mahendra Pal Gurjar) IAS
Sub-Divisional Officer (C)
-cum-CALA, Nalagarh.

कार्यालय उपमण्डलाधिकारी (ना.) नालागढ़
डायरी संख्या 7632
दिनांक 25/10/21 हस्ताक्षर

संख्या: डी० आर०ए०/1-158 /2016-IX - 31810
कार्यालय उपायुक्त सोलन, जिला सोलन हि० प्र०।
दिनाक 18-10-2021

SDM / Supdt. / OSD CB

सेवा में,

उप-मंडलाधिकारी (ना)
नालागढ़ जिला सोलन हि० प्र०।

विषय:- Four Laning of Pinjore-Baddi- Nalagarh section of NH-105 from Km 4.200 to Km 35.000 of NH-21A in the state of Haryana and Himachal Pradesh.,Reg. issuance of Non Availability of Non Forest Land Certificate & FRA Certificate for FCA of diversion of 0.5747 hectare of forest land in village Mini Secretarist from R/d 33/900 to R/D 34/400 for four laning work of baddi- Nalagarh-Section of NH 21A(New Nh-105) in the state of Himachal Pradesh..

महोदय,

उपरोक्त विषय पर GM(Tech) Cum-Project Director NHAI,PIU-Shimla से प्राप्त पत्र संख्या 11012/4/2016/P-N/PIU—SML/1591 दिनाक 28-10-2021 की छायाप्रति भेजकर निवेदन है कि उक्त प्रमाण पत्र जारी करने हेतु नियमानुसार पूर्ण कार्यवाही कर इस कार्यालय को प्रेषित करे, ताकि इस पर नियमानुसार में आगामी कार्यवाही की जा सके।

सलग्न:-उपरोक्त

भवदीय

जिला राजस्व आधिकारी
जिला सोलन, हि० प्र०।

Requisite information is to be collected from Revenue through Tehsildar concerned. Therefore it may please be sent to Tehsildar Tehsil Nalagarh.

26/10/21

Submit.

SDK.

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)
NHAI PIU--Shimla, House No. 1, Rishikesh Sadan, Shanti Kutia, Chakkar Shimla-171005, H.P.
Email: pdpiushimla@nhai.org; pdpiushimla@gmail.com | Phone: 0177-2633318

11012/4/2016/Forest/P-N/PIU-SML/1591 28th September, 2021

To,

The Deputy Commissioner,
Distt. Solan (H.P.)

Sub: Four Laning of Pinjore-Baddi-Nalagrh section of NH-105 from km. 4.200 to km. 35.000 of NH-21A in the state of Haryana and Himachal Pradesh. Reg. issuance of Non Availability of Non Forest Land Certificate & FRA certificate for FCA of diversion of 0.5747 hectare of forest land in village Mini Secretariat from R/D 33/900 to R/D 34/400 for four laning work of Baddi-Nalagarh section of NH-21A (New NH-105) in the state of Himachal Pradesh.

Madam,

Four laning of Pinjore-Baddi-Nalagarh section for widening of NH-21A (New NH-105) from km. 4.200 to km. 35.000 in the state of Haryana and Himachal Pradesh and Haryana will is being executed through NHAI. In order for the construction to start the work, encumbrance free land is to be provided by NHAI.

2. In this regard, it is to apprise that forest land measuring 0.5747 hectare in village Mini Secretariat from Km. 33/900 to Km. 34/4000 is coming within the PROW of four lane for which approval under FCA is required to be obtained.

3. Accordingly, FCA case for diversion of 0.5747 hectare of forest land in village Mini Secretariat from R/D 33/900 to R/D 34/400 has been submitted by NHAI PIU Shimla for obtaining forest clearance. The details of the khasra nos involved in subjected FCA case is as below:-

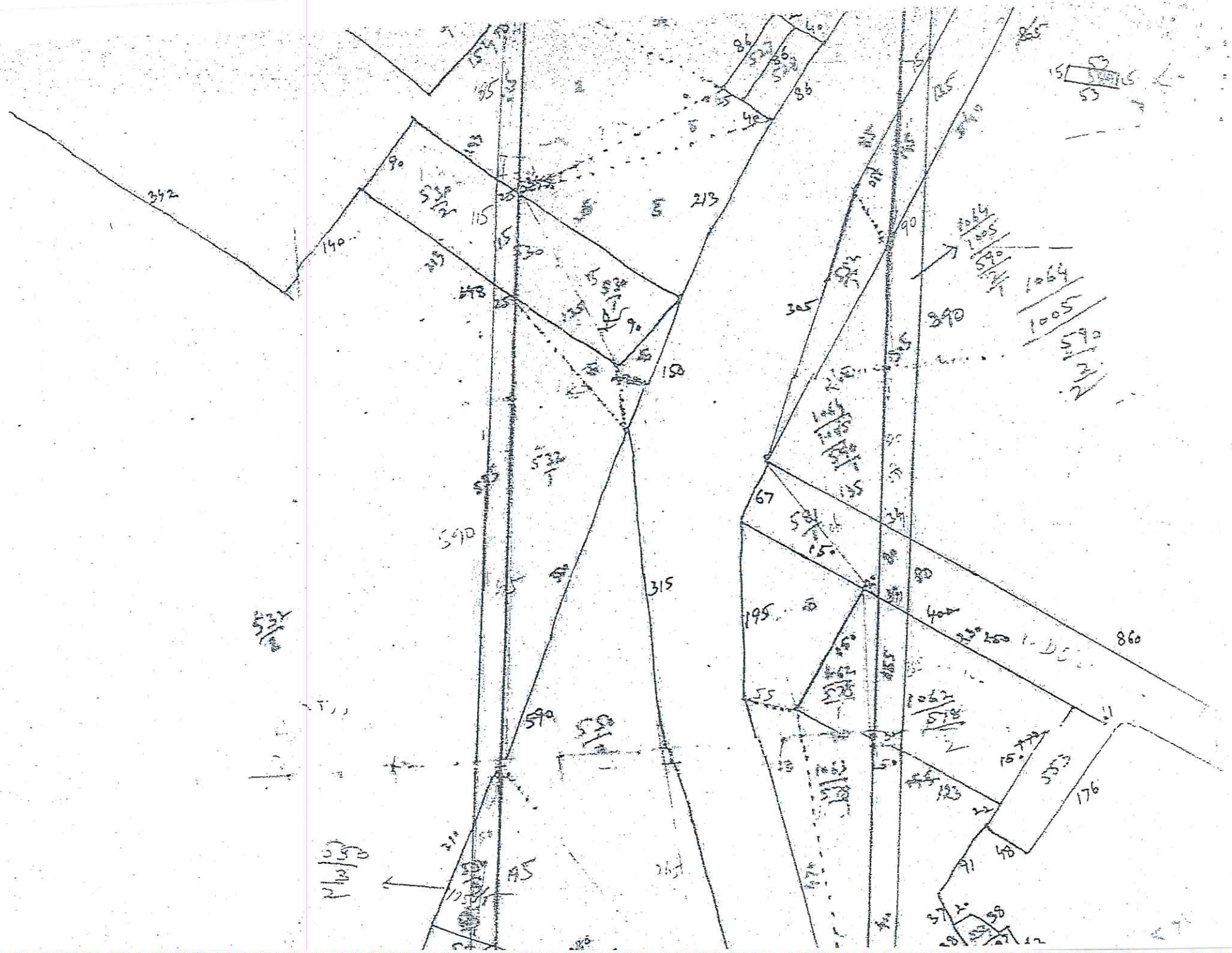
S. No.	Khasra No.	Area (in hectare)	Village
1.	550/4	0.2296	Mini Secretariat
2.	858/1	0.1492	
3.	892/1	0.0144	
4.	906/1	0.0757	
5.	906/2/1	0.0096	
6.	908/1	0.0598	
7	908/2/1	0.0364	

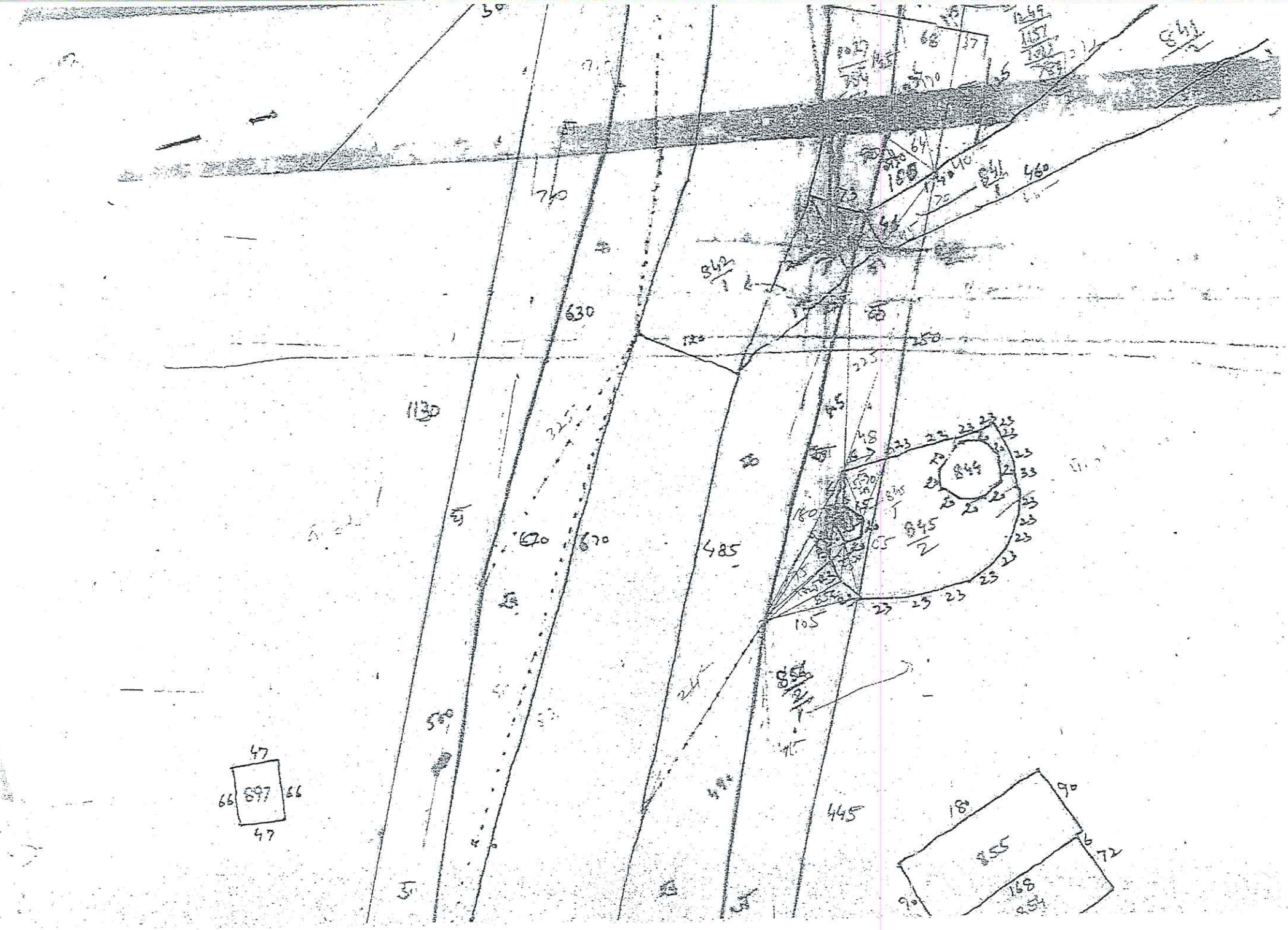
4. It is further apprise that as per provisions of FCA, 1980, a certificate mentioning Non-Availability of Non Forest Land Certificate (NAC) and FRA (Forest Right Act), issued by Deputy Commissioner is required to be submitted, so that stage-I approval for diversion of above mentioned Land measuring 0.5747 hectare could be obtained at the earliest & encumbrance free land could be provided to the Contractor for starting the four laning work.

With Regards,

Encls: Tatima

(Suresh Kumar Sharma)
GM (Tech.)-cum-Project Director
NHAI, PIU-Shimla




897
855
845
485
445
630
670
1130

नक्शा

मौजा पिपरी में भूमि अधिग्रहण

पत्रांक/विविध/ 50 ई.

उपखण्ड अधिकारी

सांगानेर

सांगानेर क्षेत्र में सर्वे सम्बन्धी दस्तावेज वर्ष 1980-81

SDM/Supdt./SDM urgent

स्मरण पत्र-1

संख्या: डी.आर.ए./1-150/2016-पार्ट-IX- 32221
कार्यालय जिला समाहर्ता, सोलन, जिला सोलन,
हिमाचल प्रदेश।

दिनांक: 25/10/2021

कार्यालय उपमण्डलाधिकारी (ना०) नालागढ़
डायरी संख्या 8095
दिनांक 2/11/21
हस्ताक्षर

सेवा में

उपमंडलाधिकारी (ना०)
सोलन, कंडाघाट, कसौली, अर्की, नालागढ़,
जिला सोलन हि०प्र०।

विषय :- **Regarding FRA certificate .**

महोदय,

उपरोक्त विषय पर इस कार्यालय के पत्र संख्या 30780 दिनांक 23-09-2021 के सन्दर्भ में आप से सूचना वांछित है, आपको पुन: आदेश दिए जाते हैं, कि यदि आपके विभाग में FRA से सम्बन्धित कोई लम्बित मामले हैं तो उन्हें शीघ्रातिशीघ्र भेजने की कृपा करें। ताकि DLC की बैठक में उनका निपटारा किया जा सके।

भवदीय,

जिला राजस्व अधिकारी ,
सोलन, जिला सोलन, हि०प्र०।

सँख्याः–एम.सी/नलग/2021 1492-96

कार्यालय कार्यकारी अधिकारी,
नगर पालिका परिषद,नालागढ
जिला सोलन हिमाचल प्रदेश

दिनाक 25/9/21

सर्वजनिक सूचना सर्वजनिक सूचना सर्वजनिक सूचना

सर्वसाधारण को नगर पालिका परिषद नालागढ की ओर से सूचित किया जाता है कि सरकार द्वारा फोर लाईन का कार्य (NH-21 A (New NH-105) पिंजौर बददी नालागढ तक करवाया जाना प्रस्तावित है। जिसके लिए जन साधारण से दिनाक 24.09.2021 से 25:010.2021 तक दावे आपति व सुझाव मांगे जाते है। नगर परिषद नालागढ क्षेत्र में यदि किसी व्यक्ति को इन खस्रा न0 में कोई दावे आपति व सुझाव देना चाहता है तो निश्चित अवधि के भीतर नगर परिषद कार्यालय में दे सकता है । निश्चित अवधि के वाद किसी भी प्रकार का दावा व आपति वन भूमि अथवा सरकारी भूमि पर मान्य नही होगी।

न.मु	नम्वर खस्रा	तदाद रकबा मीटर में
1	550/1	2296
2	858/1	1492
3	892/1	144
4	906/1	757
5	906/2/1	96
6	908/1	598
	908/2/1	364
	कुल	5747

कार्यकारी अधिकारी,
नगर पालिका परिषद,
नालागढ हि.प्र

प्रतिलिपि

1. उपमण्डलाधिकारी ना0 नालागढ सूचना पट हेतु।
2. थाना प्रभारी नालागढ पुलिस स्टेशन सूचना पट हेतु।
3. वार्ड न0 2 में मुख्य स्थानों पर चस्पान हेतु।
4. नगर परिषद नालागढ सूचना पट हेतु।
5. बस अडडा नालागढ सूचना पट हेतु।

कार्यकारी अधिकारी,
नगर पालिका परिषद,
नालागढ हि.प्र

Government of Himachal Pradesh
Tribal Development Department.

No.TBD(A)3-1/2013—Solan Dated:Shimla-2 26-08- 2021.

NOTIFICATION

In exercise of the powers conferred by Rule-5 of the Scheduled Tribes and Other Traditional Forest Dwellers(Recognition of Forest Rights) Rules,2007, the Governor, Himachal Pradesh is pleased to re-constitute the Sub-Divisional Level Committees, in respect of Solan, Kandaghat, Dharampur,Kunihar and Nalagarh Sub-Divisions of Distt. Solan for implementation of the provisions of the said rules. Each Committee shall consist the following members:-

1. **Sub-Divisional Level Committee, Solan**

1.	Sub-Divisional Officer(C)	Chairman
2.	Forest Officer in Charge of a Sub-Division or equivalent officer.	Member
3.	Shri Bhim Singh, Village Khalyanti,(खल्यान्टी) Post Office Bohali (बोहली), Tehsil & Distt. Solan, H.P.	Member
4.	Shri Laxmi Dutt, Village Drahan(दराहॉ), Post Office Damkari(दमकड़ी)Tehsil & Distt. Solan, H.P.	Member
5.	Smt. Neelam Sharma, VPO Neri Kalan(नेरी कला) Tehsil & Distt. Solan, H.P.	Member
6.	Tehsildar of the Sub-Division Head quarter	Member Secretary

2. **Sub-Divisional Level Committee, Kandaghat**

1.	Sub-Divisional Officer(C)	Chairman
2.	Forest Officer in Charge of a Sub-Division or equivalent officer.	Member
3.	Shri Vijay Thakur S/o Shri Megh Ram, VPO Bisha(बीशा) Tehsil Kandaghat, Distt. Solan, H.P.	Member
4.	Smt. Aanchal W/o Shri Suresh Kumar VPO Jhaja(झाजा) Tehsil Kandaghat, Distt.Solan, H.P.	Member
5.	Smt. Lata Devi W/o Shri Devinder Kumar, Village Ladli (लाड़ली) PO Sayri(सायरी), Tehsil Kandaghat, Distt. Solan, H.P.	Member
6.	Tehsildar of the Sub-Division Head quarter	Member Secretary

3. **Sub-Divisional Level Committee, Dharampur**

1.	Sub-Divisional Officer(C)	Chairman
2.	Forest Officer in Charge of a Sub-Division or equivalent officer.	Member
3.	Smt. Jamuna Devi W/o Shri Jai Singh, Village & Post Office Dadwa(दाड़वा), Tehsil Kasauli, Distt. Solan, H.P.	Member
4.	Shri Madan Mohan Mehta S/o Shri Hari Mohan Singh, Village Ghadyana (घड़याना)Post Office Kanda(कण्डा), Tehsil Kasauli, Distt. Solan, H.P.	Member

5.	Smt. Asha Kumari W/o Shri Sita Ram, Village Sihardi (सिहारडी), Post Office Dharampur, Tehsil Kasauli, Distt. Solan, H.P.	Member
	Tehsildar of the Sub-Division Head quarter	Member Secretary

Sub-Divisional Level Committee,Kunihar

1.	Sub-Divisional Officer(C)	Chairman
2.	Forest Officer in Charge of a Sub-Division or equivalent officer.	Member
3.	Smt. Soma Kaundal Village Syar(स्यार) Post Office Darlaghat, Tehsil Arki, Distt. Solan, H.P.	Member
4.	Shri Gopal, Village Raudi(रौड़ी), Post Office Mangoo(मांगू) Tehsil Arki, Distt.Solan, H.P.	Member
5.	Shri Hem Raj, Village Bahwan(बाहवाँ) Post Office Jubla, Tehsil Arki, Distt. Solan, H.P.	Member
6.	Tehsildar of the Sub-Division Head quarter	Member Secretary

5. **Sub-Divisional Level Committee, Nalagarh**

1.	Sub-Divisional Officer(C) Nalagarh	Chairman
2.	Forest Officer in Charge of a Sub-Division or equivalent officer.	Member
3.	Smt. Balvinder W/o Shri Amreek Singh, Village Mesitibba(मैसीटिब्बा), Post Office Manjholi(मंझौली), Tehsil Nalagarh Distt. Solan, H.P.	Member
4.	Shri Ali Mohmmed S/o Shri Lakhu, Village Gulab Pura Post Office Panjehra, Tehsil Nalagarh, Distt. Solan, H.P.	Member
5.	Shri Surender Singh S/o Shri Maghi Ram, VPO Bhogpur, Tehsil Nalagarh, Distt. Solan, H.P.	Member
6.	Tehsildar of the Sub-Division Head quarter	Member Secretary

Functions of the above committee shall be as under:-

The Sub-Divisional Level Committee shall :

a) Provide information to each Gram Sabha about their duties and duties of holder of forest rights and others towards protection of wildlife, forest and biodiversity with reference to critical flora and fauna which need to be conserved and protected;

b) Provide forest and revenue maps and electoral rolls to the Gram Sabha or the Forest Rights Committee;

c) Collate all the resolutions of the concerned Gram Sabhas;

d) Consolidate maps and details provided by the Gram Sabhas;

e) Examine the resolutions and the maps of the Gram Sabhas to ascertain the veracity of the claims;

f) Hear and adjudicate disputes between Gram Sabhas on the nature and extent of any forest rights;

g) Hear petitions from persons, including State agencies, aggrieved by the resolutions of the Gram Sabhas;

h) Co-ordinate with other Sub-Divisional Level Committees for inter sub-divisional claims;

i) Prepare Block/tehsil wise draft record of proposed forest rights after reconciliation of Govt. records;

j) Forward the claims with the draft record of proposed forest rights through the Sub-Divisional Officer to the Distt. Level Committee for final decision;

k) Raise awareness among forest dwellers about the objectives and procedures laid down under the Act and in the rules;

l) Ensure easy and free availability of proforma of claims to the claimants as provided in Annexure-I (Forms A,B and C) to these rules;

m) Ensure that the Gram Sabha meetings are conducted in free, open and fair manner with requisite quorum.

T.A and D.A. will be admissible to the Members of the above Committee as per the Government norms/rules amended from time to time.

By order
Principal Secretary (TD) to the
Government of Himachal Pradesh.

Endst.No. TBD(A)3-1/2013- Solan **Dated:Shimla-2,** **26-08-2021.**

Copy is forwarded to the following for information please:-

1. All members of the Committee.
2. All Administrative Secretaries to the Government of H.P. Shimla-2.
3. All Heads of Department, Himachal Pradesh.
4. The Deputy Commissioner, Solan, Distt. Solan, H.P.
5. The ACS-cum-Principal Secretary to the Chief Minister, H.P.
6. Sr. Private Secretary to the Chief Secretary to the Govt. of H.P.
7. The Commissioner (TD) H.P. Bijlani House, Chotta Shimla-2.
8. The Deputy Director General & SIO H.P. Sectt. NIC Shimla-2 for uploading this notification on Tribal Development Website please
9. The Divisional Forest Officer, Solan, Kandaghat, Dharampur,Kunihar and Nalagarh in Distt.Solan, H.P.

Special Secretary (TD) to the
Government of Himachal Pradesh

1. कमेटी की तरफ से हाजरी की हाजरी अवगत करवाया गया कि कोई आपत्ति व सुझाव प्राप्त न हुआ है।

2. कमेटी द्वारा प्राप्त ईनामिनेशन प्रस्ताव प्रस्तुत करे।

3. ~~स्थगित कमेटी मिनिट~~

क्रमांक :-नलग/एस.डी.के./2021- 1172 से 1176
कार्यालय उपमंडलाधिकारी (ना०),
नालागढ़, जिला सोलन (हि०प्र०)।

Azadi Ka Amrit Mahotsav

नालागढ़ दिनांक:- 25 अक्टूबर, 2021

सेवा में,

1. वन अरण्यपाल,
   वन मंडल नालागढ़, जिला सोलन (हि०प्र०)।
2. तहसीलदार, नालागढ़, जिला सोलन (हि०प्र०)।
3. श्रीमती बलविंदर पत्नी श्री अमरीक सिंह, गाँव मेस्सा टिबा, डाकघर मंझोली, तहसील नालागढ़, जिला सोलन (हि०प्र०)।
4. श्री अली मोहम्मद पुत्र श्री लखू, गाँव गुलाबपुरा, डाकघर पंजैहरा, तहसील नालागढ़, जिला सोलन (हि०प्र०)।
5. श्री सुरेंदर सिंह पुत्र श्री माघी राम, गाँव व डाकघर भोगपुर, तहसील नालागढ़, जिला सोलन (हि०प्र०)।

विषय :- **Meeting of FRA in connection with NHAI.**

महोदय,

उपरोक्त विषय में कार्यालय, कार्यकारी अधिकारी, नगर परिषद्, नालागढ़ से प्राप्त पत्र: एम.सी./नलग/2021-1610 दिनांक 25-10-2021 के आधार पर उपमंडल स्तरीय वन अधिकार समिति, नालागढ़ की बैठक दिनांक 27-10-2021 प्रातः 11:00 बजे अधोहस्ताक्षरी के कार्यालय में निश्चित की गई है।

अतः आपके निवेदन है कि आप उक्त दिनांक, समय व स्थान पर व्यक्तिगत तौर पर उपस्थित होना सुनिश्चित करे, ताकि वन संरक्षण अधिनियम, 1980 व वन अधिकार अधिनियम, 2006 के तहत प्राप्त आवेदनों का निष्पादन किया जा सके।

भवदीय,

संलग्न: उपरोक्त

(महेंद्र पाल गुर्जर भा०प्र०से०),
उपमंडलाधिकारी (ना.),
नालागढ़,जिला सोलन (हि.प्र.)।

पृष्ठांकन सख्या: उपरोक्त
प्रतिलिपि निम्नलिखित को बराए सूचनार्थ प्रेषित है:-

1. परियोजना निदेशक, राष्ट्रीय उच्च मार्ग प्राधिकरण (NHAI), शिमला, हिमाचल प्रदेश।
2. तहसीलदार, बद्दी।
3. कार्यकारी अधिकारी, नगर परिषद्, नालागढ़ को उनके उक्त पत्र के सन्दर्भ में बराए सूचनार्थ प्रेषित है।

(महेंद्र पाल गुर्जर भा०प्र०से०),
उपमंडलाधिकारी (ना.),
नालागढ़,जिला सोलन (हि.प्र.)।
फ़ोन न. 01795-223024.

OFFICE OF THE SUB-DIVISIONAL OFFICER (CIVIL)-CUM-CHAIRMAN SDLC, NALAGARH, DISTRICT SOLAN HP.

PROCEEDINGS OF MEETING OF SUB-DIVISION LEVEL COMMITTEE CONSTITUTED UNDER THE SCHEDULED TRIBES & OTHER TRADITIONAL FOREST DWELLERS (RECOGNITION OF RIGHTS) ACT (FRA), 2006.

A meeting of the Sub-Division Level Committee of Nalagarh Sub-Division constituted under FRA,2006 was held under the Chairmanship of Sh. Mahendra Pal Gurjar, IAS, Sub-Divisional Officer (Civil), Nalagarh on 27.10.2021 in the office of the SDO(C), Nalagarh in which the application of the applicant i.e. National Highways Authority of India, PIU, Shimla was discussed. The applicant has requested to transfer land measuring 0.5747 Hectares situated in Mouja Mini Secretariat, Tehsil Nalagarh, District Solan for the purpose of widening and four laning of National Highway-21 A (Now NH-105). The above proposed land is duly recommended by the forests Rights Committee of Mouja Mini Secretariat, Nalagarh. The details of Govt.land/Forest land proposed to be diverted for the "Establishement of Four Laning of Pinjore- Nalagarh (Baddi-Nalagarh)" is as follows:-

Sr.No.	Mohal/Mouja	Khasra No.	Area in Hect.
1.	Mini Secretriat	550/4	0.2296
		858/1	0.1492
		892/1	0.0144
		906/1	0.0757
		908/2/1	0.0096
		908/1	0.0598
		908/2/1	0.0364

As per Forest Rights Committee, Mini Secretariat Nalagarh, the claims in respect of the above referred Mohal have been settled.

The Forest Rights Committee forwarded the resolution for the purpose of establishment of Four Laning of Pinjore-Baddi- Nalagarh section for widening of NH 21-A (Now NH -105) with its recommendations to the Sub-Division Level Committee. After scrutiny of the documents and detailed discussions, the committee is of the view that since no rights of Scheduled Tribes & Other traditional Forest Dwellers are being affected by the construction of NH, the same may be recommended to the District Level Committee. The proposed project is being constructed/established in the larger interest of general public. Therefore, the following decision taken on the application:-

Sr.No.	Name of the applicant	Name of Project	Decision of SDLC
1.	NHAI,PIU,Shimla	Four Laning of Pinjore-Nalagarh (Baddi-Nalagarh)	Recommended

Place: Nalagarh
Dated: 27.10.2021.

(SDO(C)-cum-Chairman, SDLC,Nalagarh. HP.

Meeting of the FRA in respect of the Diversion of the forest land measuring 493.15 Bighas situated at Village Bir-Passi, Patwar Circle Manjholi, Tehsil Nalagarh, District Solan in the name of Industries Department for setting up of Integrated Industrial Park held under the Chairmanship of Sh. Mahendra Pal Gurjar (I.A.S.) Sub Divisional Magistrate, Nalagarh on Dated 05-03-2022 at 11:00 AM

Sr No.	Name of the Officer/Official	Designation	Mobile No	Signature
1.				ALI MOH
2.				Sukhdev Singh
3.				Balwinder
4.				Ashok
5.	Manish Kumar	AEE Mg.	9418034037	[illegible]
6.				
7.				
8.				

Undertaking

Full Title of the Project: Proposal for diversion of 0.5747 ha. of forest land in village Mini Secretariat from R/D 33/900 to R/D 34/400 for four laning of Baddi-Nalagarh section of NH-21A (Now NH-105) from km. 17.500 to km 35.000 in the state of Himachal Pradesh.

Proposal no.: FP/HP/ROAD/141689/2021

It is hereby submitted that in future no forest land will be proposed for diversion for disposal/dumping of muck generated from this project.

(Suresh Kumar Sharma)
GM (Tech.)-cum-Project Director
NHAI, PIU-Shimla

GM (Tech.) cum Project Director
NHAI, PIU Shimla