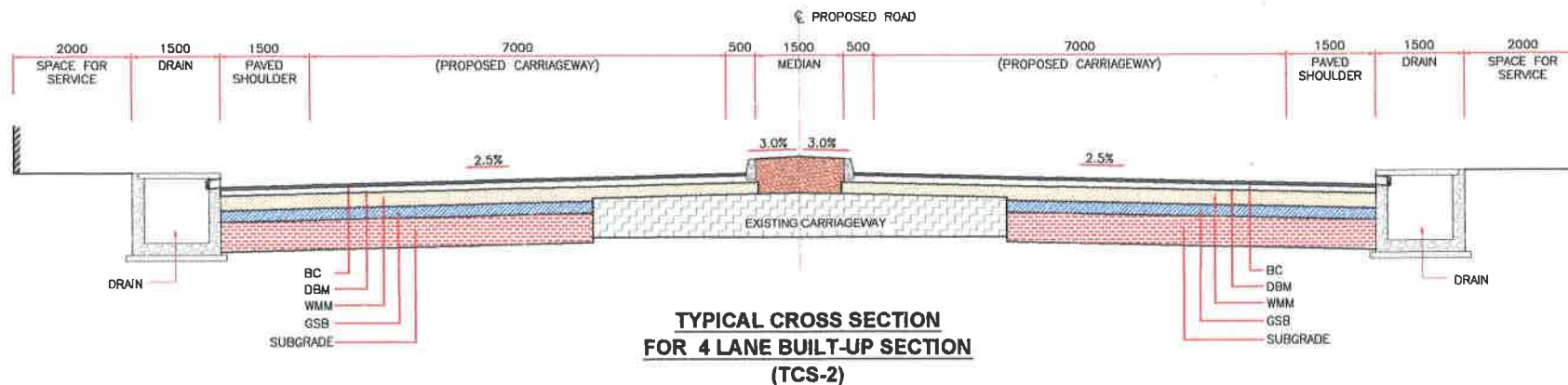


**TYPICAL CROSS SECTION FOR 4 LANE SECTION  
(TCS-1)**

| SL NO. | DESIGN CHAINAGE (KM) |        | LENGTH (KM) | APPLICABLE TCS |
|--------|----------------------|--------|-------------|----------------|
|        | FROM                 | TO     |             |                |
| 1      | 70 500               | 71 574 | 1.074       | TCS - 1        |
| 2      | 71 988               | 72 838 | 0.852       | TCS - 1        |
| 3      | 74 875               | 76 300 | 1.425       | TCS - 1        |

*M. Ram*  
**Executive Engineer**  
**N.H. Division PWD Etawah**

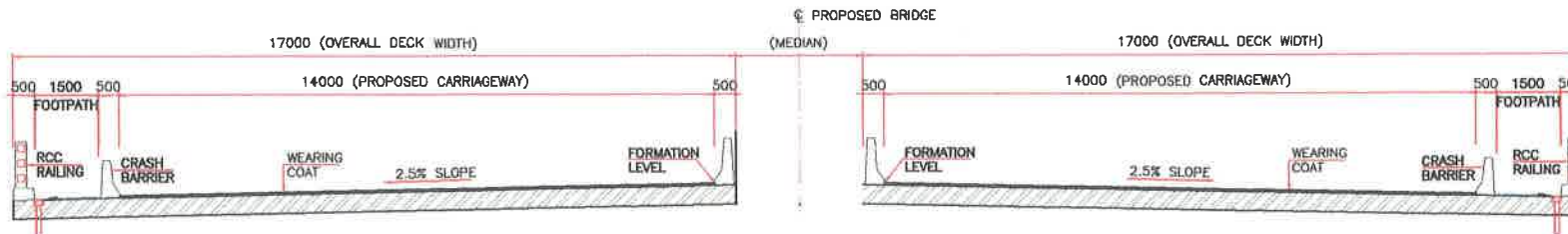
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                       |  |                   |                                                                        |                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Title:-</b><br>Consultancy Services for feasibility study and preparation of Detailed Project Report for improvement and up-gradation of newly declared National Highways including existing NH-91A, NH-92, NH-97 & NH-288 in the State of Uttar Pradesh- Package - 2 (70+500 TO 78+500) Bhogaon - Etawah - Gwalior - M.P. Border - NH-92 |  |  |  | <b>Client:-</b><br>PUBLIC WORKS DEPARTMENT<br>UTTAR PRADESH<br>TRANSPORT<br>GOVERNMENT OF UTTAR PRADESH                                                                                                                                                                          |  | <b>Drawing Title:-</b> TYPICAL CROSS SECTION<br><b>Drawing No.:</b> BEMPH/HWTCS-07<br><b>Scale:</b> 1:1000<br><b>Package:</b> 1 (70+500 TO 78+500 Km) |  | <b>Sheet:-</b> 07 | <b>BHOGAON - ETAWAH - GWALIOR - M.P. BORDER ROAD NH-92 PACKAGE - 2</b> | <b>REDCON (I) PVT. LTD.</b><br>B-54A, Kirti Nagar<br>New Delhi-110 019<br>Ph. No.: 011-41605600 / 41605602<br>Fax: 011-26239488<br>Email: redcon@redcon.com<br>redcon1@gmail.com |
| <b>Revision Details</b><br>By: [ ] Ck: [ ] Dte: [ ]                                                                                                                                                                                                                                                                                                  |  |  |  | This drawing is the property of REDCON (I) PVT. LTD. and must not be passed on to any person or used without the prior written permission of the company. No part of this drawing shall be copied or reproduced in any form without the prior written permission of the company. |  | <b>Date:</b> MS <b>Drawn:</b> AS <b>Appr:</b> AS <b>Date:</b> AUG 2021                                                                                |  |                   |                                                                        |                                                                                                                                                                                  |



| SL. NO. | DESIGN CHAINAGE (KM) |        | LENGTH (KM) | APPLICABLE TCS |
|---------|----------------------|--------|-------------|----------------|
|         | FROM                 | TO     |             |                |
| 1       | 71.874               | 71.898 | 0.024       | TCS - 2        |
| 2       | 72.838               | 74.875 | 2.037       | TCS - 2        |

*[Signature]*  
**Executive Engineer**  
**N.H. Division PWD Etawah**

|                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |                                                                                                                                      |  |                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Project Title:-</b><br>Consultancy Services for feasibility study and preparation of Detailed Project Report for improvement and up-gradation of newly declared National Highways including existing NH-91A, NH-92, NH-97 & NH-38B in the State of Uttar Pradesh - Package - 2 (70+500 TO 78+586) Bhogaon - Etawah - Gwalior - M.P. Border - NH-92 |  |  |  |  | <b>Client:-</b><br>PUBLIC WORKS DEPARTMENT<br>UTTAR PRADESH<br>ETAWAH<br>MINISTRY OF ROAD TRANSPORT & HIGHWAY<br>Government of India |  | <b>Drawing Title:-</b> TYPICAL CROSS SECTION<br><b>Drawing No:-</b> BEMPHWITCS-08<br><b>Scale:-</b> (N.T.S.)<br><b>PACKAGE:-</b> 1 (70+500 TO 78+586 KM)<br><b>Dwn:-</b> MS <b>Dwn:-</b> AS <b>Appd:-</b> AS<br><b>Date:-</b> AUG 2021 |  | <b>BHOGAON - ETAWAH - Gwalior - M.P. BORDER ROAD NH-92 PACKAGE - 2</b><br><b>REDBCON (I) PVT. LTD.</b><br>B-54A, Kalkaji,<br>New Delhi-110 019<br>Ph. No:- 011- 41605600 / 41605602<br>Fax: 011- 46230888<br>Email: redcon1@gmail.com<br>redcon1@gmail.com |  |
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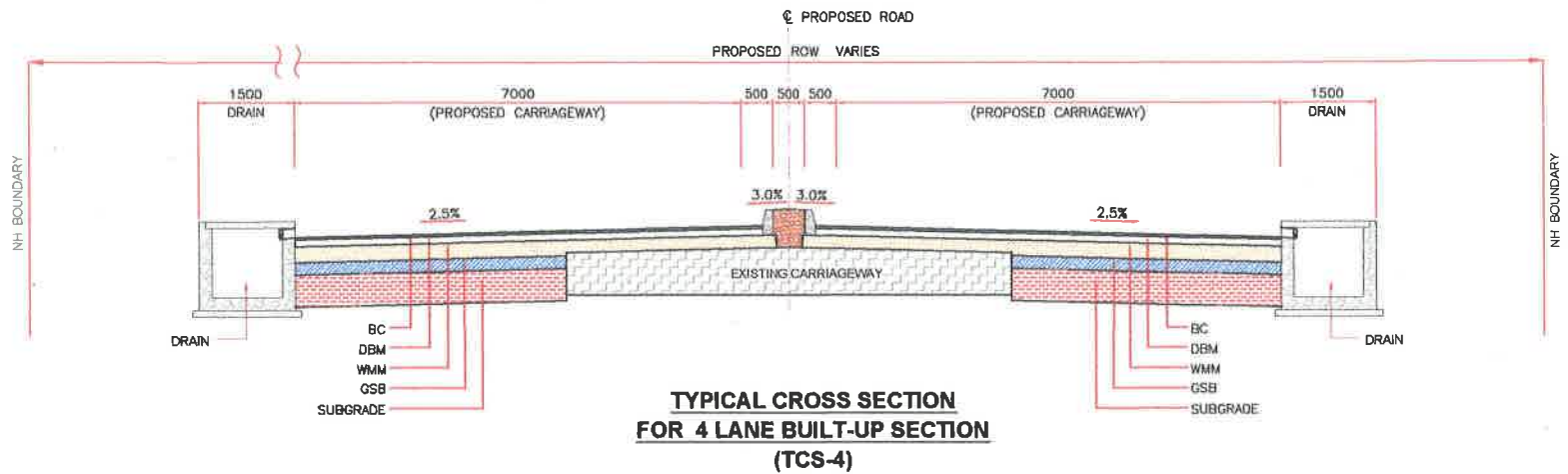


**CHAMBAL BRIDGE LOCATION  
FOR 4 LANE HIGHWAY  
(TCS-3)**

| SL. NO. | DESIGN CHAINAGE (KM) |        | LENGTH (KM) | APPLICABLE TCS |
|---------|----------------------|--------|-------------|----------------|
|         | FROM                 | TO     |             |                |
| 1       | 77.633               | 78.227 | 0.594       | TCS - 3        |

*NRONZ*  
**Executive Engineer**  
**N.H. Division PWD Etawah**

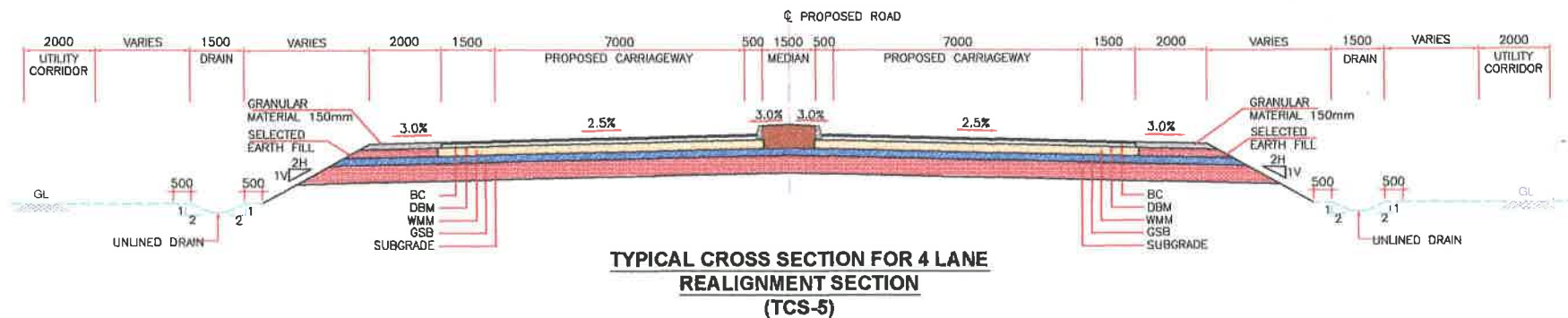
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |                                                                                                                                       |  |                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                         |  |
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| <b>Project Title:-</b><br>Consultancy Services for feasibility study and preparation of Detailed Project Report for improvement and up-gradation of newly declared National Highways including existing NH-91A, NH-92, NH-97 & NH-28B in the State of Uttar Pradesh- Package - 2 (70+500 TO 78+586) Bhogaon - Etawah - Gwalior - M.P. Border - NH-92 |  |  |  |  | <b>Client :-</b><br>PUBLIC WORKS DEPARTMENT<br>UTTAR PRADESH<br>THROU<br>MINISTRY OF ROAD TRANSPORT & HIGHWAYS<br>Government of India |  | <b>Drawing Title:-</b> TYPICAL CROSS SECTION<br><b>Drawing No:-</b> BEMP/THWTCSD-09<br><b>Scale:-</b> (1:1.5) <b>PACKAGE:-</b> 1 (591500 TO 78+600 KM)<br><b>Drawn:-</b> MS <b>Disc:-</b> AS <b>Appr:-</b> AS <b>Sheet:-</b> 09<br><b>Date:-</b> AUG 2021 |  | <b>BHOGAON - ETAWAH - GWALIOR - M.P. BORDER ROAD NH-92 PACKAGE - 2</b><br><b>REDCON (I) PVT. LTD.</b><br>B-34A, Kallagi,<br>New Delhi-110 019<br>Ph. No.: 011-41005600 / 41005602<br>Fax: 011-26239888<br>Email: redcon1@gmail.com<br>redcon1@gmail.com |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|



| SL NO. | DESIGN CHAINAGE (KM) |        | LENGTH (KM) | APPLICABLE TCS |
|--------|----------------------|--------|-------------|----------------|
|        | FROM                 | TO     |             |                |
| 1      | 78.300               | 77.000 | 0.700       | TCS - 4        |

*m. P. S.*  
**Executive Engineer**  
**N.H. Division PWD Etawah**

|                                                                                                                                                                                                                                                                                                                                                       |  |  |  |                                                                                                                                                                                                                                                                           |  |  |  |                                              |  |  |  |                                                               |  |  |  |                                                                                                                                                                           |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------|--|--|--|---------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Project Title:-<br><b>Consultancy Services for feasibility study and preparation of Detailed Project Report for improvement and up-gradation of newly declared National Highways including existing NH-91A, NH-92, NH-97 &amp; NH-28B in the State of Uttar Pradesh- Package - 2 (70+500 TO 78+500) Bhogani - Etawah - Orai - M.P. Border - NH-92</b> |  |  |  | This drawing is the property of REDECON INDIA (PVT) Ltd. and must not be passed on to any person or not authorized by us to receive it or use for copied or otherwise made use without in full or in part by such person or body without our prior permission in writing. |  |  |  | Drawing Title:- <b>TYPICAL CROSS SECTION</b> |  |  |  | BHOGAONI - ETAWAH - ORAI - M.P. BORDER ROAD NH-92 PACKAGE - 2 |  |  |  | REDECON (I) PVT. LTD.<br>H-14A, 2nd floor,<br>New Delhi-110 019<br>Ph. No:- 011-41007400 / 41007402<br>Fax: 011-26120888<br>Email: redcon1@gmail.com<br>redcon1@gmail.com |  |  |  |
| Revision Details                                                                                                                                                                                                                                                                                                                                      |  |  |  | PUBLIC WORKS DEPARTMENT<br>UTTAR PRADESH<br>MINISTRY OF ROAD TRANSPORT & HIGHWAYS<br>Government of India                                                                                                                                                                  |  |  |  | Drawing No:- <b>BE/MP/HWTCS-10</b>           |  |  |  | Sheet :- <b>10</b>                                            |  |  |  |                                                                                                                                                                           |  |  |  |
| By: CSK                                                                                                                                                                                                                                                                                                                                               |  |  |  |                                                                                                                                                                                                                                                                           |  |  |  | Scale:- 1:1000                               |  |  |  | Date:- AUG 2021                                               |  |  |  |                                                                                                                                                                           |  |  |  |
| Date: 08/08/2021                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                                                                                                                                                                                                                                           |  |  |  | Dra:- MS                                     |  |  |  | Appd:- AS                                                     |  |  |  |                                                                                                                                                                           |  |  |  |



| SL NO. | DESIGN CHAINAGE (KM) |        | LENGTH (KM) | APPLICABLE TCS |
|--------|----------------------|--------|-------------|----------------|
|        | FROM                 | TO     |             |                |
| 1      | 77.000               | 77.833 | 0.833       | TCS - 5        |
| 2      | 78.227               | 78.800 | 0.573       | TCS - 5        |

  
**Executive Engineer**  
**N.H. Division PWD Etawah**

|                                                                                                                                                                                                                                                                                                                            |  |  |  |  |                 |                                                                                                                                                                                                                           |                                                                                                                                                                                                                         |                                          |                            |            |                                                                                                                                                                                                                                                 |      |    |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|------------------|
|                                                                                                                                                                                                                                                                                                                            |  |  |  |  | Project Title:- | This drawing is the property of REDECON INDIA (Pvt.) Ltd. and must not be passed on to any person or not authorized by us to receive it or use it copied or reproduce in any way without our prior permission in writing. | Client:-<br> PUBLIC WORKS DEPARTMENT<br>UTTAR PRADESH<br>TRANSPORT<br>MINISTRY OF ROAD TRANSPORT & HIGHWAYS<br>Government of India | Drawing Title:-<br>TYPICAL CROSS SECTION | Drawing No:- BEMPH/WTCS-11 | Sheet:- 11 | BHOGAON - ETAWAH - GWALIOR - M.P. BORDER ROAD<br>NH-92<br>PACKAGE - 2<br>REDECON (I) PVT. LTD.<br>H-34A, Kailash,<br>New Delhi-110 019<br>Ph: 011-41005400 / 41005402<br>Fax: 011-26139032<br>Email: redevcon1@gmail.com<br>redevcon1@gmail.com |      |    |                  |
|                                                                                                                                                                                                                                                                                                                            |  |  |  |  |                 |                                                                                                                                                                                                                           |                                                                                                                                                                                                                         |                                          |                            |            |                                                                                                                                                                                                                                                 |      |    |                  |
| Revision Details                                                                                                                                                                                                                                                                                                           |  |  |  |  | Rev             | Cm                                                                                                                                                                                                                        | Tm                                                                                                                                                                                                                      | Sf                                       | Dns                        | Dns        | AS                                                                                                                                                                                                                                              | Appd | AS | Date :- AUG 2021 |
| Consultancy Services for feasibility study and preparation of Detailed Project Report for improvement and up-gradation of newly declared National Highways including existing NH-91A, NH-92, NH-97 & NH-28B in the State of Uttar Pradesh- Package - 2 (70+500 TO 78+586) Bhogaon - Etawah - Gwalior - M.P. Border - NH-92 |  |  |  |  |                 |                                                                                                                                                                                                                           |                                                                                                                                                                                                                         |                                          |                            |            |                                                                                                                                                                                                                                                 |      |    |                  |