

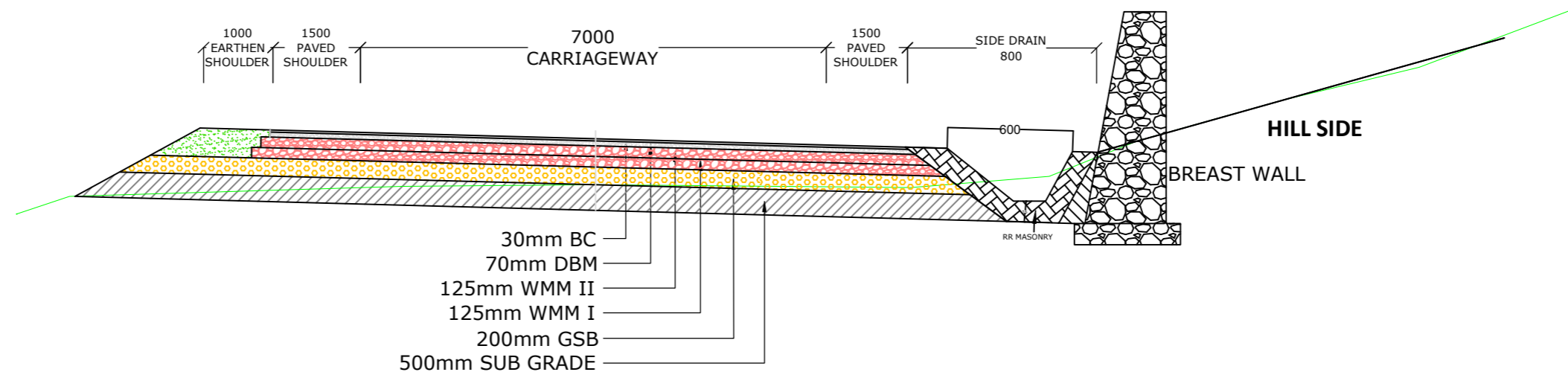
TYPICAL CROSS SECTION

2.9 (MODIFIED) OF MANUAL(2-LANE),L/S HILL,WITH BREAST WALL

TCS-1: STRENGTHENING & WIDENING OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/MOUNTAINOUS TERRAIN

NOTES:-

1. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE MENTIONED.



TYPICAL CROSS SECTION

(MODIFIED) OF MANUAL(2-LANE),R/S HILL,WITH BREAST WALL

OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/MOUNTAINOUS TERRAIN

NOTES:-

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Ministry of Road Transport And Highway(MORTH)
Government of India
New Delhi

PROJECT SECTION

Package-2 of Kotdwar - Dugadda section of NH-119
(New-NH-534) from Km 156.900 to km 175.000 Road
section in the State of Uttarakhand.

PROJECT TITLE :-

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation
and Upgrading to 2-lanes/2 lane with paved shoulders configuration and
strengthening of Kotdwara-Satpuli-Jwalpa-Srinagar section (from km 139.00 to km
276.00) of NH-119 in the state of Uttarakhand (Package no: SP/A/3)

CONSULTANTS :-



LION ENGINEERING CONSULTANTS

Plot No. 97, Elegant Estate
Near Mother Teresa School
Kolar Road, Bhopal (M.P.)
Ph. 0755 - 3246521, 3246437
Fax : 0755 - 2879489
E-mail: lionengr@gmail.com

DRAWING TYPE :-

TYPICAL CROSS SECTIONS

Package-2

DRAWING NO :- LEC/MORTH/ TCS

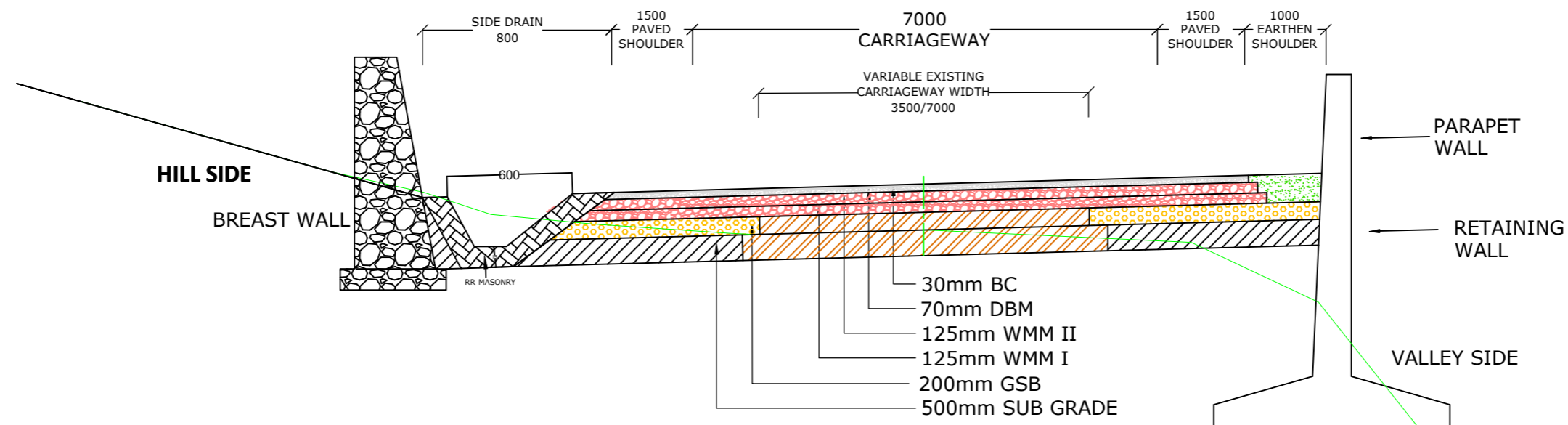
SCALE :- NTS

DATE :- MAY- 2021

अधिशाली अभियन्ता
राष्ट्रीय राजमार्ग खण्ड लोनिवि
धुमाकोट, पौड़ी (गढ़वाल)

अपर सहायक अभियन्ता
राष्ट्रीय राजमार्ग खण्ड
लोनिवि धुमाकोट

सहायक अभियन्ता
राष्ट्रीय मार्ग खण्ड लोक निर्माण विभाग,
धुमाकोट - पौड़ी



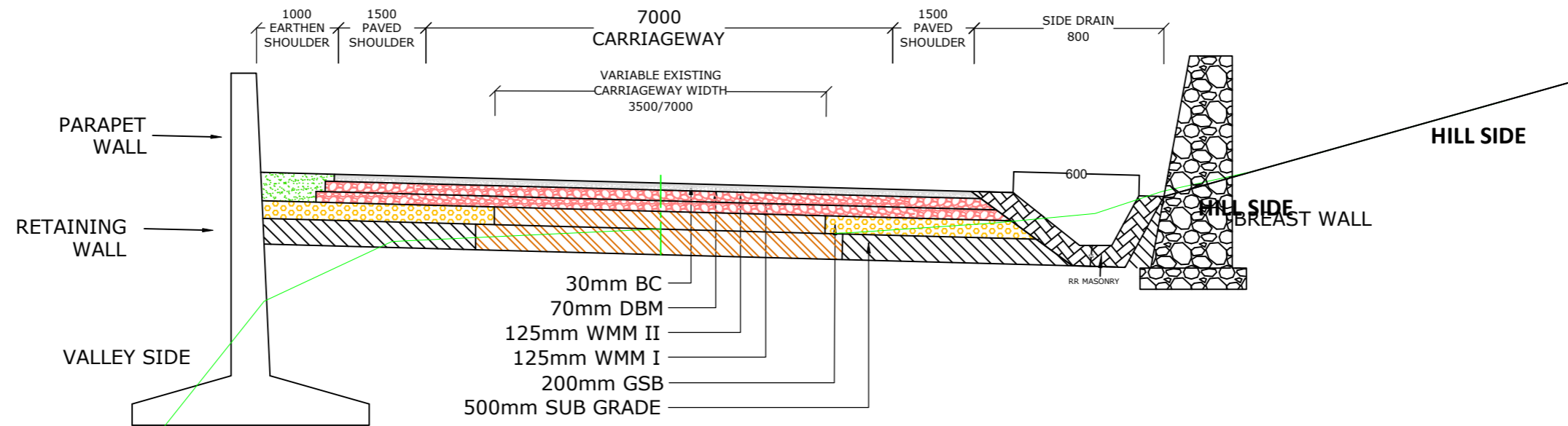
TYPICAL CROSS SECTION

2.8 (MODIFIED) OF MANUAL(2-LANE),L/S HILL,WITH BREAST WALL & RETAINING WALL

TCS-3 : STRENGTHENING & WIDENING OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/MOUNTAINOUS TERRAIN

NOTES:-

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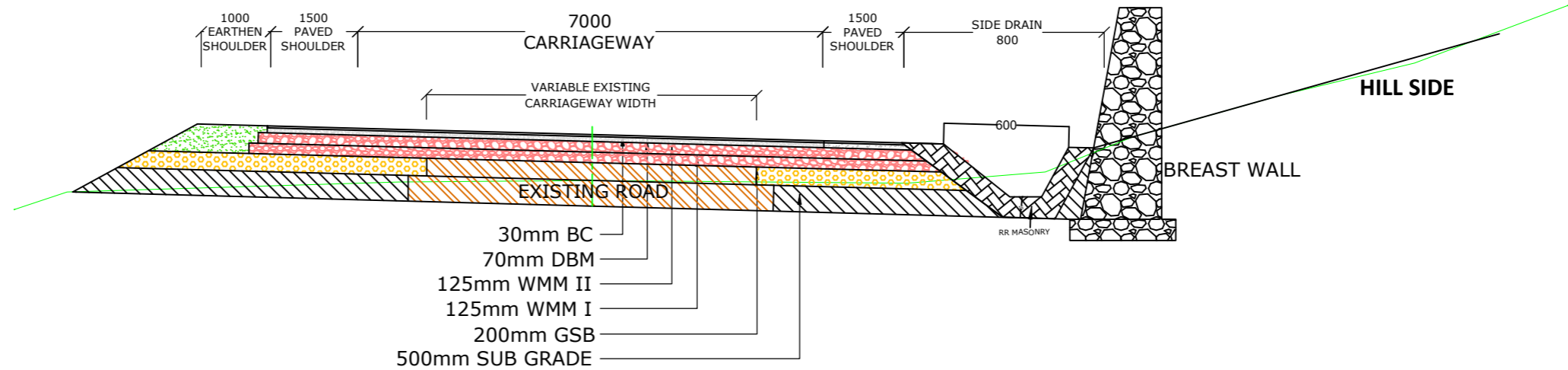
TYPICAL CROSS SECTION

2.8 (MODIFIED) OF MANUAL(2-LANE),R/S HILL,WITH BREAST WALL & RETAINING WALL

TCS-4 : STRENGTHENING & WIDENING OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/MOUNTAINOUS TERRAIN

NOTES:-

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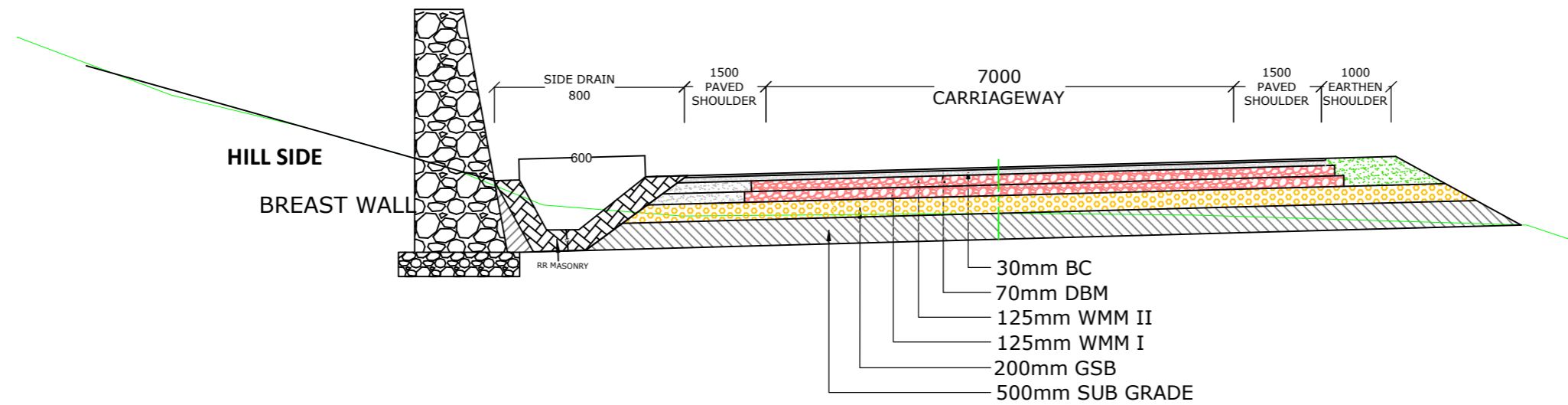
TYPICAL CROSS SECTION

2.8 (MODIFIED) OF MANUAL(2-LANE),R/S HILL,WITH BREAST WALL

TCS-5 : STRENGTHENING & WIDENING OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/MOUNTAINOUS TERRAIN

NOTES:-

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TYPICAL CROSS SECTION

2.8 (MODIFIED) OF MANUAL(2-LANE),L/S HILL,WITH BREAST WALL

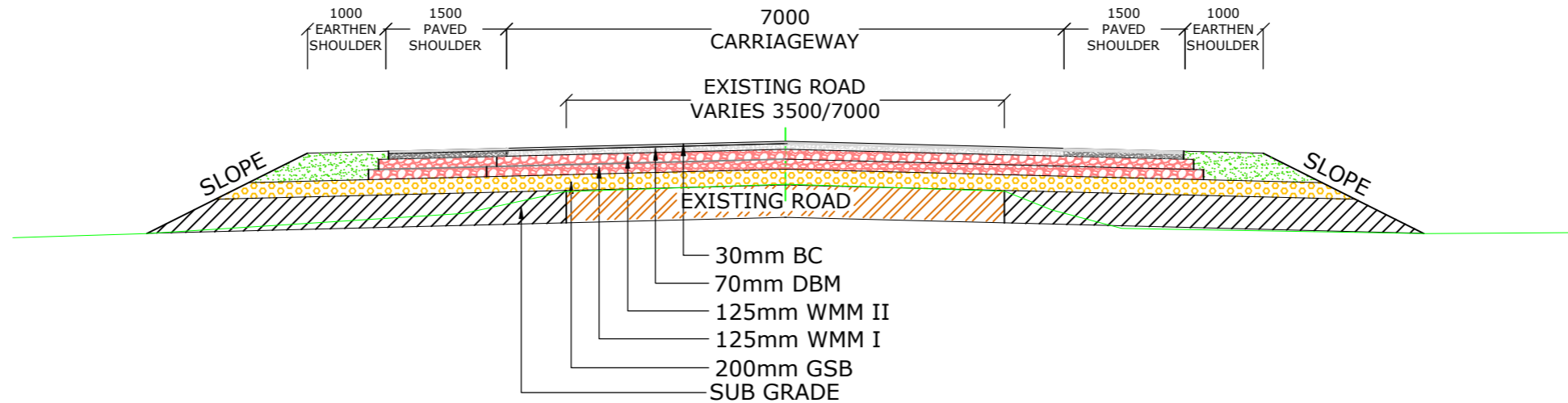
TCS-6 : NEWCONSTRUCTION OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/MOUNTAINOUS TERRAIN

NOTES:-

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अतिरिक्त अभियन्ता
राष्ट्रीय राजमार्ग संख्या: 100, वि. वि.
धुमकोट, पौड़ी (उत्तरांचल)

अपर सहायक अभियन्ता
राष्ट्रीय राजमार्ग संख्या: 100, वि. वि.
धुमकोट, पौड़ी (उत्तरांचल)



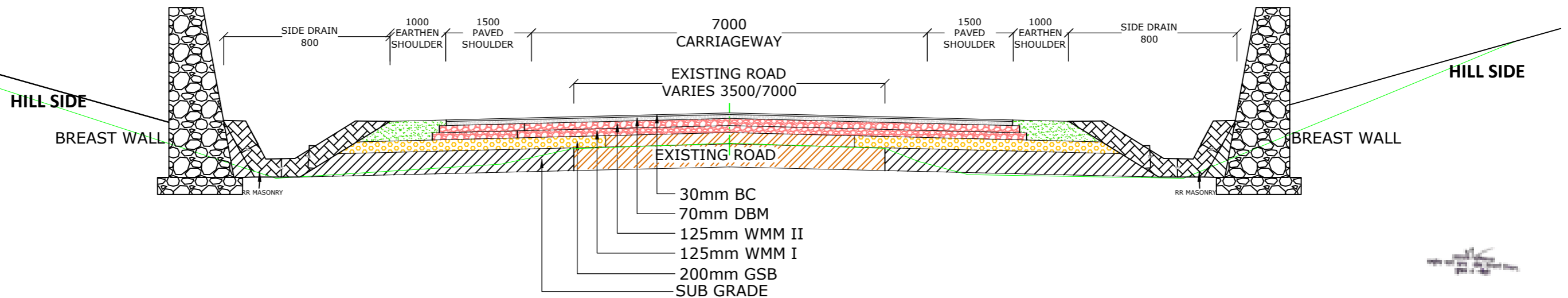
TYPICAL CROSS SECTION

2.2 (MODIFIED) OF MANUAL(2-LANE),WITH PAVED SHOULDER

TCS-7 : RECONSTRUCTION OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/ROLLING TERRAIN

NOTES:-

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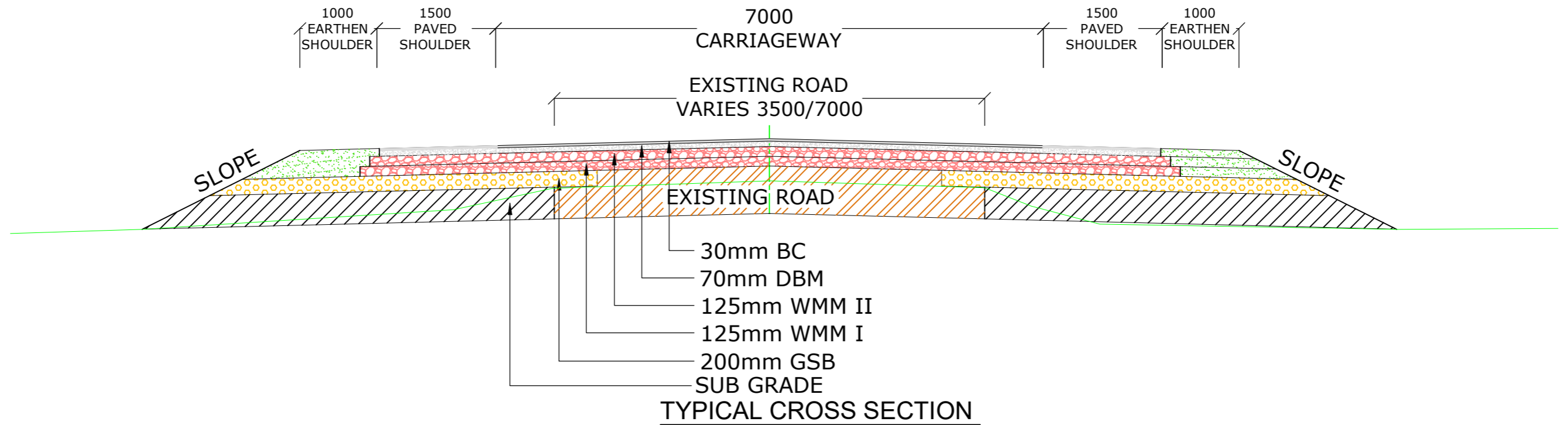
TYPICAL CROSS SECTION

2.9 (MODIFIED) OF MANUAL(2-LANE),BOTH SIDE HILL,WITH BREAST WALL

TCS-8: STRENGTHENING & WIDENING OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/MOUNTAINOUS TERRAIN

NOTES:-

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2.1 (MODIFIED) OF MANUAL(2-LANE),WITH PAVED SHOULDER

TCS-9: STRENGTHENING & WIDENING OF EXISTING ROAD TO 2-LANE C/W IN OPEN COUNTRY/ROLLING TERRAIN

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TYPICAL CROSS SECTIONS

Package-2

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