



राष्ट्रीय राजधानी क्षेत्र दिल्ली सरकार  
GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI  
लोक निर्माण विभाग

PUBLIC WORKS DEPARTMENT प्रमुख अभियन्ता



कार्यालय प्रधान मुख्य अभियन्ता (पूर्व)  
लोक निर्माण विभाग,  
दिल्ली सरकार, तृतीय तल,  
एम. एस. ओ. भवन, आई. पी. एस्टेट,  
नई दिल्ली-110002.

ADWO-I  
1913

आवती सं. H-1305

दिनांक 17/03/25

प्रमुख अभियन्ता

निदेशक (कार्मिक)

OFFICE OF THE PR. CHIEF ENGINEER(EAST)  
PUBLIC WORKS DEPARTMENT  
GNCTD, 3<sup>RD</sup> FLOOR, MSO BUILDING,  
I.P. ESTATE, NEW DELHI - 110002.  
Phone : 011-23319715 Fax : 011-23329880  
E-Mail : cepwddelhimzm2@gmail.com

संख्या / No.: 20(2)/डब्ल्यू०ए० / मु० अभि०(पूर्व) / 20 - दिनांक / Dated : 13.03.2025

To  
All Chief Engineers  
PWD (GNCTD)

निदेशक (अनु.)  
निदेशक (कार्य)

उप सतर्कता अधिकारी

उप निदेशक (कार्य/कार्मिक/अनु./जन सूचना)

181315

ADWO I

**Sub: Minutes of meeting of the Special Task Force held on 19.12.2023 under Chairmanship of Chief Secretary, GNCTD for taking measures to eliminate Single use of Plastics in a mission mode.**

Ref: Minutes of meeting issued vide letter no. F.12/(647)/Env./Spl. Task Force on PWM/SUP/2021/\*Vol-II/7891 dated 09.01.2024 issued by Spl. Secy. (Env.), 6th Level, C-Wing, Delhi Secretariat.

In compliance to discussions held in the meeting it was informed that in PWD, plastic waste is used in road construction in it's top of bituminous concrete layer. For this, there are two items available in CPWD DSR 2023 (Vol-II). These are as below :-

1. (DSR Item No. 16.57.2)  
40/50 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) and waste plastic additive @ 8% (percentage by weight of bitumen) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.
2. (DSR Item No. 16.57.6)  
40/50 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) and waste plastic additive @ 8% (percentage by weight of bitumen) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.

As per these items, waste plastic @ 8% of weight of bitumen is used.

Use of such plastic waste in road construction adds to the strength of the bituminous layer of the road, reduces the consumption of bitumen and it also helps in eliminating of the plastic waste.

Therefore, you are requested to ensure execution of above item with its discription for use of plastic waste in Road Construction

This is being issued as per direction of the Chief Engineer (East).

**Encl: Notesheet as above.**

**Executive Engineer(P)  
East Maintenance Zone**

Copy to:

1. Pr. Secretary (PWD), GNCTD, 3rd Floor, MSO Building, I.P. Estate, New Delhi - 110002
2. Pr. Secretary (Env.), GNCTD, 6th Level C-Wing Delhi Secretariat, New Delhi - 110002
3. Engineer-in-Chief (PWD), GNCTD, 12th Floor, MSO Building, I.P. Estate, New Delhi
4. Pr. Chief Engineer (M&F), GNCTD, 12th Floor, MSO Building, I.P. Estate, New Delhi
5. Special Secretary (Env), GNCTD, Delhi Secretariat, I.P. Esate New Delhi - 110002 (in reference of point no. 12 of minutes of meeting of dated 19.12.2023 issued on dated 09.01.2024 as referred above)
6. PWD Website (through E-in-C, PWD)

Executive Engineer (P)



-1/N-

**NOTE**

**Sub:** Minutes of meeting of the Special Task Force held on 19.12.2023 under Chairmanship of Chief Secretary, GNCTD for taking measures to eliminate Single use of Plastics in a mission mode.

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2) In PWD, plastic waste is used in road construction in it's top of bituminous concrete layer. For this, there are two items available in CPWD DSR 2023 (Vol-II). These are as below :-

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3) As per these items, waste plastic @ 8% of weight of bitumen is used. Use of such plastic waste in road construction adds to the strength of the bituminous layer of the road, reduces the consumption of bitumen and it also helps in eliminating of the plastic waste.

*[Signature]*  
20/2/25  
**Chief Engineer**  
**East Maintenance Zone**  
**Public Works Department**

✓ ~~Special Secretary (Environment)~~ <sup>PWD</sup>  
GNCTD, Delhi Secretariat.

4) may kindly see the above information to be forward to Deptt of Environment in reference to Point no 12; at p-13/c

~~Pr. Secretary (PWD)~~

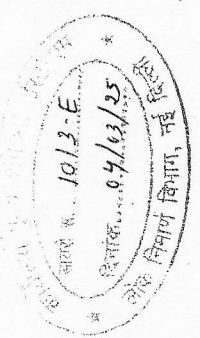
*[Signature]*  
21/02/2025  
27/2

~~so PWD~~

*[Signature]*  
3/3

CE (Maintenance Zone) *[Signature]* *[Signature]* *[Signature]*  
AE(P)/East zone 4/3/25 PTD

No. 20(2) WAF CE (East) PWD/ 14-E  
20/2/25



✓  
WAF  
*[Signature]*  
4/3/25

N.P. 2

DFA enclosed for circulation as per  
instruction of CE (East) with intimation  
to 'Department of Environment' as per  
direction of SS (PWD) in para - 4 for  
approval please.

~~CE (P)~~  
11.03.25

M/P  
AD(P)  
10/03/2025

Chief Engineer (East)

Here in is corrected  
12/03/25

~~EE (P)~~  
12.03.25

~~AE (P)~~

Fair put up for sign P.  
M/P  
13/03/2025

~~EE (P)~~  
13.03.25

AE (P)