

1. Job Mix Formula using Marshall Method (JMF)				
Code	Description	ASTM / BS Standard	Unit	Revised Rates (2023)
				Rate
JMF-1	Asphalt Wearing Course	ASTM D4867	Job	100,000
JMF-2	Asphalt Base Course	ASTM D4867	Job	125,000
2. Bituminous paving Mixture (BPM)				
Code	Description	ASTM / BS Standard	Unit	Rate
BPM-1	Marshall Test-Stability and Flow Value	ASTM D1559	Per Test	10,500
BPM-2	Stability Retain Test	ASTM D1559	Per Test	10,500
BPM-3	Compressive Strength of Bituminous Mixtures	ASTM D1074	Per Test	10,500
BPM-4	Bulk Specific Gravity of Non-Absorptive Compacted specimen	AASHTO T 166	Per Test	4,500
BPM-5	Quantitative Extraction of Asphalt Binder from Hot-Mix Asphalt	ASTM D 6847	Per Test	15,000
BPM-6	Theoretical Maximum Specific Gravity Test (GMM Test)	AASHTO T20	Per Test	6,000
BPM-7	Asphalt Rutting Resistance Test	AASHTO TP63	Per Test	60,000
BPM-8	Asphalt fatigue test	AASHTO T 321	Per Test	90,000
3. Asphalt Core Testing includes (ACT)				
Code	Description	ASTM / BS Standard	Unit	Rate
ACT-1	Stability and Flow Value determination	ASTM D1559,	PER CORE	10,500
ACT-2	Asphalt Content (Extraction)	ASTM D6847,	PER CORE	7,500
ACT-3	Percentage Air Void & Compaction determination of a mix (Gmb)	AASHTO T164, ASTM D5	PER CORE	7,500
ACT-4	Aggregate Gradation		PER CORE	1,600
4. Aggregates Test (AGG)				
Code	Description	ASTM / BS Standard	Unit	Rate
AGG-01	Unit weight of Aggregates	ASTM C29	Per Test	3,040
AGG-02	Soundness of Aggregates	ASTM C88	Per Test	17,600
AGG-03	Total Moisture Content of Aggregate	ASTM D1461	Per Test	1,600
AGG-04	Specific Gravity and Absorption of Aggregates	ASTM C128 / C127	Per Test	7,040
AGG-05	L.A. Abrasion after 500 revolution	ASTM C131 / C535	Per Test	7,200
AGG-06	Elongation Index	BS 812-105.2, 105	Per Test	10,800
AGG-07	Flakiness Index	BS 812-105.2, 105	Per Test	10,800
AGG-08	Impact Value	BS 812-112	Per Test	5,920
AGG-09	Crushing Value	BS 812-110	Per Test	5,520
AGG-10	Sand Equivalent Test	ASTM D2419	Per Test	3,600
AGG-11	Sieve Analysis	AASHTO T 27	Per Test	4,080
5. Test on Asphalts (AS)				
Code	Description	ASTM / BS Standard	Unit	Rate

AS-01	Softening Point of Bitumen (Ring and Ball Apparatus)	AASHTO T 53	Per Test	7,200
AS-02	Penetration – Asphalt Binders	AASHTO T 49	Per Test	9,600
AS-03	Flash and Fire Points by Cleveland Open Cup Tester	ASTM D 92	Per Test	8,640
AS-04	Specific Gravity	ASTM D 70	Per Test	7,680
AS-05	Ductility Test	ASTM D 113	Per Test	9,600
AS-06	Solubility in trichloroethylene	ASTM D 204	Per Test	13,500
AS-07	Viscosity at 60 C	ASTM D 2171 / D 2171 M	Per Test	12,000
AS-08	Viscosity of Cutback	ASTM D 2026 / D 2026 M	Per Test	7,500
AS-09	Distillation test of Cut back	ASTM D 402 / AASHTO T 59	Per Test	7,500
AS-10	Float test		Per Test	4,500
AS-11	Loss on Heating Test		Per Test	15,000

6. On Site Test (OST)

Code	Description	ASTM / BS Standard	Unit	Rate
OST-1	Sand Cone test for compaction of base/subbase/subgrade	AASHTO T 191		3,600
a. Less then 5 Samples			Per Test	10,000
b. Greater then 5 Samles			Per Test	7,500

7. Soil Testing (ST)

Code	Description	ASTM / BS Standard	Unit	Rate
ST-01	Natural moisture content of soil	AASHTO T 265	Per Test	1,200
ST-02	Determination of Liquid Limits and Plastic Limits	AASHTO T 89	Per Test	2,080
ST-03	Un-soaked CBR Complete(1 point)	AASHTO T 193	Per Test	5,000
ST-04	Un-soaked CBR Complete(3 point)	AASHTO T 193	Per Test	7,200
ST-05	Soaked CBR Complete(1 point)	AASHTO T 193	Per Test	9,000
ST-06	Soaked CBR Complete(3 point)	AASHTO T 193	Per Test	10,000
ST-07	Standard Proctor Test	ASTM 698-07	Per Test	4,500
ST-07	Sieve Analysis	AASHTO T 27	Per Test	4,080

*TA DA not included

*Theses rates are applicable till July 2022

For further queries kindly feel free to contact at the following Address:

Department of Urban & Infrastructure Engineering

NED University of Engineering & Technology

Ph: 99052354, 99052553, 99052557

Email: cuid@neduet.edu.pk, adnan@neduet.edu.pk