

Schedule-H

(See Clauses 10.1.4 and 19.3)

Contract Price Weightages

- 1.1 The Contract Price for this Agreement is Rs. 428,11,00,000.00 (Rupees Four Hundred Twenty-Eight Crores and Eleven Lakhs Only)
- 1.2 Proportions of the Contract Price for different stages of Construction of the Project Highway shall be as specified below:

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage to Particular item (Col:2)
1	2	3	4
Road works including culverts, widening & repair of culverts	70.98%	A- <u>Widening and strengthening of existing road to 2-Lane with Paved Shoulder</u>	
		(1) Earthwork up to top of the sub-grade	12.48%
		(2) Sub Base Course (GSB, Shoulders)	9.75%
		(3) Non Bituminous Base Course (WMM)	11.67%
		(4) Bituminous Base Course (DBM)	24.65%
		(5) Wearing Coat (BC)	16.64%
		(6) Widening and repair of Culverts	3.20%
		B.1 -Reconstruction / new 2 Lane realignment / Bypass(Flexible Pavement)	
		(1) Earthwork up to top of the sub-grade	2.63%
		(2) Sub Base Course	3.37%
		(3) Non Bituminous Base Course	4.17%
		(4) Bituminous Base Course	3.89%
		(5) Wearing Coat	2.70%
		B.2 -Reconstruction / new 2 Lane realignment / Bypass(Rigid Pavement)	
		(1) Earthwork up to top of the sub-grade	Nil
		(2) Sub Base Course	Nil
		(3) Dry Lean Concrete(DLC) Course	Nil
		(4) Pavement Quality Control((PQC) course	Nil
		C.1-Reconstruction /New service road (Flexible pavement)	
		(1) Earthwork up to top of the sub-grade	0.77%
		(2) Sub Base Course	0.86%
(3) Non Bituminous Base Course	1.10%		
(4) Bituminous Base Course	1.16%		
(5) Wearing Coat	0.80%		

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage to Particular item (Col:2)
		C.2-Reconstruction /New service road (Rigid Pavement)	
		(1) Earthwork up to top of the sub-grade	Nil
		(2) Sub Base Course	Nil
		(3) Dry Lean Concrete(DLC) Course	Nil
		(4) Pavement Quality Control (PQC) Course	Nil
		D- Re-Construction and New culverts on existing road, realignments, bypasses:	
		Culverts (length < 6m)	0.15%
Minor Bridges /Underpasses/ Overpasses	10.57%	A.1. -Widening and repairs of minor bridges (length > 6m and <60 m)	
		Minor Bridges	3.41%
		A.2. -New minor bridges (length > 6m and <60 m)	
		(1) Foundation + Sub structure: On completion of the foundation work including foundations for wing and return walls, abutments, piers up to the abutment/pier cap.	26.49%
		(2)Super-structure: On completion of the super-structure in all respects including wearing coat, bearings, expansion joints, hand rails, crash barriers, road signs & markings, tests on completion etc. complete in all respect.	12.39%
		(3)Approaches: On completion of approaches including Retaining walls, stone pitching, protection works complete in all respect and fit for use.	5.30%
		(4) Guide Bunds and River Training Works: On completion of Guide Bunds and river Training Works complete in all respects	0.00%
		B.1. Widening and Repair of underpasses/overpasses.	
		Underpasses / Overpasses	Nil
		B.2. New Underpasses/Overpasses	
		(1) Foundation + Sub structure: On completion of the foundation work including foundations for wing and return walls, abutments, piers up to the abutment/pier cap.	15.52%
(2)Super-structure: On completion of the super-structure in all respects including	7.19%		

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage to Particular item (Col:2)
		wearing coat, bearings, expansion joints, hand rails, crash barriers, road signs & markings, tests on completion etc. complete in all respect.	
		Wearing Coat 9a) in case of overpass - wearing coat including expansion joints complete in all respects as specified and (b) in case of underpass -rigid pavement including drainage facility complete in all respects as specified.	2.08%
		(3)Approaches: On completion of approaches including Retaining walls, stone pitching, protection works complete in all respect and fit for use.	27.63%
Major Bridge (length > 60 m) works and ROB/RUB/ elevated sections/ flyovers including viaducts, if any	11.33 %	A.1. Widening and repairs of Major Bridges	
		(1) Foundation	0.57%
		(2) Sub-structure	1.02%
		(3) Super-structure (including bearings)	3.18%
		(4) wearing coat including expansion joints	3.41%
		(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	0.23%
		(6) Wing walls/return walls	Nil
		(7) Guide Bunds/ River training works etc.	Nil
		(8) Approaches (including retaining walls, stone pitching and protection works)	Nil
		A.2. New Major Bridges	
		(1) Foundation	27.50%
		(2) Sub-structure	13.75%
		(3) Super-structure (including bearings)	40.91%
		(4)wearing coat including expansion joints	2.27%
		(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	2.27%
		(6) Wing walls/return walls	2.27%
		(7) Guide Bunds/ River training works etc.	Nil
		(8) Approaches (including retaining walls, stone pitching and protection works)	2.61%
		B.1. Widening and repair of	
		(a) ROB	Nil
(b) RUB	Nil		
(1) Foundation	Nil		

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage to Particular item (Col:2)
		(2) Sub-structure	Nil
		(3) Super-structure (including bearings)	Nil
		(4)wearing coat: (a) in case of ROB wearing coat including expansion joints complete in all respect as specified and (b) in case of RUB - rigid pavement under RUB including drainage facility complete in all respects as specified .	Nil
		(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	Nil
		(6) Wing walls/return walls	Nil
		(7) Approaches (including retaining walls, stone pitching and protection works)	Nil
		B.2. New ROB/RUB	
		(a) ROB	Nil
		(b) RUB	Nil
		(1) Foundation	Nil
		(2) Sub-structure	Nil
		(3) Super-structure (including bearings)	Nil
		(4)wearing coat: (a) in case of ROB wearing coat including expansion joints complete in all respect as specified and (b) in case of RUB - rigid pavement under RUB including drainage facility complete in all respects as specified .	Nil
		(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	Nil
		(6) Wing walls/return walls	Nil
		(7) Approaches (including retaining walls, stone pitching and protection works)	Nil
		C.1. Widening and repair of Elevated Section/Flyovers/Grade Separators	
		(1) Foundation	Nil
		(2) Sub-structure	Nil
		(3) Super-structure (including bearings)	Nil
		(4)wearing coat including expansion joints	Nil
		(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	Nil
		(6) Wing walls/return walls	Nil
		(7) Approaches (including retaining walls, stone pitching and protection works)	Nil

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage to Particular item (Col:2)
		(8) Reinforced Earth	Nil
		C.2. New Elevated Section/Flyovers/Grade Separators	
		(1) Foundation	Nil
		(2) Sub-structure	Nil
		(3) Super-structure (including bearings)	Nil
		(4)wearing coat including expansion joints	Nil
		(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	Nil
		(6) Wing walls/return walls	Nil
		(7) Approaches (including retaining walls, stone pitching and protection works)	Nil
		(8) Reinforced Earth	Nil
Other works	9.65%	(i)Toll Plaza	21.87%
		(ii) Road side drains	23.11%
	a) Bus bays	(iii) Road signs, markings, km stones, Boundary stones, safety devices etc.	18.13%
		(iv) Project facilities	
	b) Truck lay-byes	a) Bus bays	5.18%
		b) Truck lay-byes	3.73%
	c) Rest areas	c) Rest areas	Nil
		d) Others (Junctions)	14.92%
	d) Others (Junctions)	(v) Road side plantation	1.66%
		(vi) Repair of Protection works other than approaches to the bridges, elevated sections/flyovers/grade separators and ROB/RUBs.	1.04%
		(vii) Safety and traffic management during construction	Nil
		(viii) Retaining Wall	10.36%

1.3 Procedure of estimating the value of work done.

1.3.1 Road works.

Procedure for estimating the value of road work done shall be as follows:

Table 1.3.1

Stage of Payment	Percentage – weightage	Payment Procedure
A- Widening and strengthening of existing road		Unit of measurement is linear length. Payment of each stage shall be made on pro- rata basis on completion of a stage in a length of not less than 10 (ten) percent of the total length.
(1) Earthwork up to top of the sub-grade	12.48%	
(2) Sub-base Course	9.75%	
(3) Non Bituminous base Course	11.67%	
(4) Bituminous Base Course	24.65%	
(5) Wearing Coat	16.64%	
(6) Widening and repair of culverts	3.20%	Cost of completed culverts shall be determined pro-rata basis with respect to the total number of culverts. Payment shall be made on the completion of at least five culverts.
B.1.- Reconstruction/New 2-lane/4 lane realignment/bypass (Flexible Pavement)		Unit of measurement is linear length. Payment of each stage shall be made on pro- rata basis on completion of a stage in full length or 5 (five) Km. length, whichever is less
(1) Earthwork up to top of the sub-grade	2.63%	
(2) Sub Base Course	3.37%	
(3) Non -Bituminous Course	4.17%	
(4) Bituminous base Course	3.89%	
(5) Wearing Coat	2.70%	
B.2.- Reconstruction/New 2-lane realignment/bypass (Rigid Pavement)		Unit of measurement is linear length. Payment of each stage shall be made on pro- rata basis on completion of a stage in full length or 5(five) Km. length, whichever is less.
(1) Earthwork up to top of the sub-grade		
(2) Sub Base Course	Nil	
(3) Dry Lean Concrete (DLC) Course	Nil	
(4) Pavement Quality Control (PQC) Course	Nil	
C.1.- Reconstruction/New Service Road (Flexible Pavement)		Unit of measurement is linear length. Payment of each stage shall be made on pro- rata basis on completion of a stage in full length or 5(five) Km. length, whichever is less.
(1) Earthwork up to top of the sub-grade	0.77%	
(2) Sub Base Course	0.86%	
(3) Non -Bituminous Course	1.10%	
(4) Bituminous base Course	1.16%	
(5) Wearing Coat	0.80%	

Stage of Payment	Percentage – weightage	Payment Procedure
C.2.- Reconstruction/New Service Road (Rigid Pavement)		Unit of measurement is linear length. Payment of each stage shall be made on pro- rata basis on completion of a stage in full length or 5(five) Km. length, whichever is less.
(1) Earthwork up to top of the sub-grade	Nil	
(2) Sub Base Course	Nil	
(3) Dry Lean Concrete (DLC) Course	Nil	
(4) Pavement Quality Control (PQC) Course	Nil	
<u>D- Re-Construction and New culverts on existing road, realignments, bypasses:</u>		Cost of each culvert shall be determined on pro- rata basis with respect to the total number of culverts. Payment shall be made on the completion of five culverts.
(1) Culverts (length <6m)	0.15%	

@ For example, if the total length of bituminous work to be done is 100 km, the cost per km of bituminous work shall be determined as follows:

$$\text{Cost per km} = P \times \text{weightage for road work} \times \text{weightage for bituminous work} \times (1/L)$$

Where P = Contract Price

L = Total length in km

Similarly, the rates per km for other stages shall be worked out accordingly.

Note: The length affected due to law and order problems or litigation during execution due to which the Contractor is unable to execute the work, may be deducted from the total project length for payment purposes. The total length calculated here is only for payment purposes and will not affect and referred in other clauses of the Contract Agreement.

1.3.2 Minor Bridges and Underpasses/Overpasses:

Procedure for estimating the value of Minor Bridge and Underpasses/Overpasses shall be as stated in table 1.3.2:

Table 1.3.2

Stage of Payment	Percentage – weightage	Payment Procedure
A.1. Widening and repair of minor bridges (length >6m and < 60m)	3.41%	Cost of each minor bridge shall be determined on pro- rata basis with respect to the total linear length of the minor bridges. Payment shall be made on the completion of widening and repair works of a minor bridge.

Stage of Payment	Percentage – weightage	Payment Procedure
<p>A.2.- New Minor bridges</p> <p>(i) Foundation + Sub structure: On completion of the foundation work including foundations for wing and return walls, abutments, piers up to the abutment/pier cap.</p>	26.49%	<p>(i). Foundation + Sub-Structure: Cost of each minor bridge shall be determined on pro- rata basis with respect to the total linear length (m) of the minor bridges. Payment against foundation + sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation + sub-structure of each bridge subject to completion of at least two foundations along with sub-structure up to abutment/pier cap level of each bridge.</p> <p>In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.</p>
<p>(ii)Super-structure: On completion of the super-structure in all respects including wearing coat, bearings, expansion joints, hand rails, crash barriers, road signs & markings, tests on completion etc. complete in all respect.</p>	12.39%	<p>(ii). Super-structure: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure of at least one span in all respects as specified in the column of "Stage of Payment" in this sub-clause.</p>
<p>(iii)Approaches: On completion of approaches including Retaining walls, stone pitching, protection works complete in all respect and fit for use.</p>	5.30%	<p>(iii). Approaches: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of approaches in all respects as specified in the column of "Stage of Payment" in this sub-clause.</p>
<p>(iv) Guide Bunds and River Training Works: On completion of Guide Bunds and river Training Works complete in all respects</p>	0.00%	<p>(iv) Guide Bunds and River Training Works: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of Guide Bunds and River training works n in all respects as specified</p>
<p>B.1. Widening and repair of underpasses/overpasses</p>	Nil	<p>Cost of each underpass/overpass shall be determined on pro- rata basis with respect to the total linear length of the underpasses/overpasses. Payment shall be made on the completion of widening and repair works of a underpass/overpass.</p>

Stage of Payment	Percentage – weightage	Payment Procedure
<p>B.2.- New Underpasses/Overpasses</p> <p>(i) Foundation + Sub structure: On completion of the foundation work including foundations for wing and return walls, abutments, piers up to the abutment/pier cap.</p>	15.52%	<p>(i). Foundation + Sub-Structure: Cost of each Underpass/Overpass shall be determined on pro- rata basis with respect to the total linear length (m) of the Underpass/Overpass. Payment against foundation + sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation + sub-structure of each Underpass/Overpass subject to completion of at least two foundations along with sub-structure up to abutment/pier cap level of each Underpass/Overpass.</p> <p>In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.</p>
<p>(ii)Super-structure: On completion of the super-structure in all respects including wearing coat, bearings, expansion joints, hand rails, crash barriers, road signs & markings, tests on completion etc. complete in all respect.</p>	7.19%	<p>(ii). Super-structure:</p> <p>Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure of at least one span in all respects as specified in the column of "Stage of Payment" in this sub-clause.</p>
<p>Wearing Coat (a) in case of Overpass-wearing coat including expansion joints complete in all respects as specified and (b) in case of underpass - rigid pavement including drainage facility complete in all respects as specified</p>	2.08%	
<p>(iii) (a) Approaches: On completion of approaches including Retaining walls, stone pitching, protection works complete in all respect and fit for use.</p>	27.63%	<p>(iii). Approaches: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of approaches in all respects as specified.</p>

1.3.3 Major Bridge Works, ROB/RUB and Structures:

Procedure for estimating the value of Major Bridge Works, ROB/RUB and Structures shall be as stated in table 1.3.3:

Table 1.3.3

Stage of Payment	Percentage – Weightage	Payment Procedure
A.1.- Widening and repairs of major Bridges		<p>(i). Foundation: Cost of each Major bridge shall be determined on pro- rata basis with respect to the total linear length(m) of the Major bridges. Payment against foundation + sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation the Major bridge subject to completion of at least two foundations of the major bridge.</p> <p>In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.</p>
(i) Foundation	0.57%	
(ii)Sub-structure:	1.02%	<p>(ii). Sub-structure: Payment against Sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub-structure of the major bridge subject to completion of completion of at least two sub-structures of abutments/pier cap level of the major bridge</p>
(iii). Super-structure (including bearings)	3.18%	<p>(iii) Super-structure: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure including bearings of at least one span in all respects as specified</p>
(iv). Wearing Coat including expansion joints	3.41%	<p>(iv) Wearing Coat: Payment shall be made on completion of wearing coat including expansion joints complete in all respects as specified</p>
(v). Miscellaneous items like hand rails, crash barriers, road markings etc	0.23%	<p>(v). Miscellaneous: Payment shall be made on completion of all miscellaneous items like hand rails, crash barriers, road markings etc. s complete in all respects as specified</p>
(vi). Wing walls/return walls	Nil	<p>(vi).Wing walls/return walls: Payment shall be made on completion of all wing walls/return walls complete in all respects as specified</p>
(vii). Guide Bunds, River Training works etc.	Nil	<p>(vii). Guide Bunds, River Training works: Payment shall be made on completion of all Guide Bunds, River Training works etc. complete in all respects as specified</p>
(viii). Approaches (including Retaining walls, stone pitching and protection works)	Nil	<p>(vii). Approaches: Payment shall be made on completion of both approaches including stone pitching and protection works etc. complete in all respects as specified</p>

Stage of Payment	Percentage – Weightage	Payment Procedure
A.2. New Major Bridges (i) Foundation	27.50%	(i). Foundation: Cost of each Major bridge shall be determined on pro- rata basis with respect to the total linear length(m) of the Major bridges. Payment against foundation shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation the Major bridge subject to completion of at least two foundations of the major bridge. In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.
(ii)Sub-structure:	13.75%	(ii). Sub-structure: Payment against Sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub-structure of the major bridge subject to completion of completion of at least two sub-structures of abutments/pier cap level of the major bridge
(iii). Super-structure (including bearings)	40.91%	(iii) Super-structure: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure including bearings of at least one span in all respects as specified
(iv). Wearing Coat including expansion joints	2.27%	(iv) Wearing Coat: Payment shall be made on completion of wearing coat including expansion joints complete in all respects as specified
(v). Miscellaneous items like hand rails, crash barriers, road markings etc	2.27%	(v). Miscellaneous: Payment shall be made on completion of all miscellaneous items like hand rails, crash barriers, road markings etc. s complete in all respects as specified
(vi). Wing walls/return walls	2.27%	(vi).Wing walls/return walls: Payment shall be made on completion of all wing walls/return walls complete in all respects as specified
(vii). Guide Bunds, River Training works etc.	Nil	(vii). Guide Bunds, River Training works: Payment shall be made on completion of all Guide Bunds, River Training works etc. complete in all respects as specified
(viii). Approaches (including Retaining walls, stone pitching and protection works)	2.61%	(viii). Approaches: Payment shall be made on completion of both approaches including stone pitching and protection works etc. complete in all respects as specified
B.1.- Widening and repairs of	Nil	(i). Foundation: Cost of each ROB/RUB shall be determined on pro- rata basis with respect to the total linear length(m) of the ROB/RUBs. Payment against foundation shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation the ROB/RUB subject to completion of at least two foundations of the ROB/RUB.
(a) ROB		
(b) RUB		
(i) Foundation		

Stage of Payment	Percentage – Weightage	Payment Procedure
	Nil	In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.
(ii)Sub-structure:	Nil	(ii). Sub-structure: Payment against Sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub-structure of the ROB/RUB subject to completion of at least two sub-structures of abutments/piers up to abutment/pier cap level of the ROB/RUB
	Nil	
(iii). Super-structure (including bearings)	Nil	(iii) Super-structure: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure including bearings of at least one span in all respects as specified
(iv). Wearing Coat including expansion joints in case of ROB. In case of RUB, rigid pavement under RUB including drainage facility as specified.	Nil	(iv) Wearing Coat: Payment shall be made on completion of (a) in case of ROB- wearing coat including expansion joints complete in all respects as specified and (b) in case of RUB-rigid pavement under RUB including drainage facility complete in all respects as specified.
(v). Miscellaneous items like hand rails, crash barriers, road markings etc	Nil	(v). Miscellaneous: Payment shall be made on completion of all miscellaneous items like hand rails, crash barriers, road markings etc. s complete in all respects as specified
(vi). Wing walls/return walls	Nil	(vi).Wing walls/return walls: Payment shall be made on completion of all wing walls/return walls complete in all respects as specified
(vii). Approaches (including Retaining walls, stone pitching and protection works)	Nil	(vii). Approaches: Payment shall be made on completion of both approaches including stone pitching and protection works etc. complete in all respects as specified
B.2.- New	Nil	(i). Foundation: Cost of each ROB/RUB shall be determined on pro- rata basis with respect to the total linear length (m) of the ROB/RUBs. Payment against foundation shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation the ROB/RUB subject to completion of at least two foundations of the ROB/RUB.
(a) ROB		
(b) RUB		
(i) Foundation		
		In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.

Stage of Payment	Percentage – Weightage	Payment Procedure
(ii)Sub-structure:	Nil	(ii). Sub-structure: Payment against Sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub-structure of the ROB/RUB subject to completion of at least two sub-structures of abutments/piers up to abutment/pier cap level of the ROB/RUB
(iii). Super-structure (including bearings)	Nil	(iii) Super-structure: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure including bearings of at least one span in all respects as specified
(iv). Wearing Coat including expansion joints in case of ROB. In case of RUB, rigid pavement under RUB including drainage facility as specified.	Nil	(iv) Wearing Coat: Payment shall be made on completion of (a) in case of ROB- wearing coat including expansion joints complete in all respects as specified and (b) in case of RUB- rigid pavement under RUB including drainage facility complete in all respects as specified.
(v). Miscellaneous items like hand rails, crash barriers, road markings etc.	Nil	(v). Miscellaneous: Payment shall be made on completion of all miscellaneous items like hand rails, crash barriers, road markings etc. s complete in all respects as specified
(vi). Wing walls/return walls	Nil	(vi).Wing walls/return walls: Payment shall be made on completion of all wing walls/return walls complete in all respects as specified
(vii). Approaches (including Retaining walls/Reinforced Earth wall, stone pitching and protection works)	Nil	(vii). Approaches: Payment shall be made on completion of both approaches including stone pitching and protection works etc. complete in all respects as specified
C.1- Widening and repairs of Elevated Section/Flyovers/ Grade Separators (i) Foundation	Nil	(i). Foundation: Cost of each Structure shall be determined on pro- rata basis with respect to the total linear length (m) of the Structure. Payment against foundation shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation of the Structure subject to completion of at least two foundations of the Structure. In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.

Stage of Payment	Percentage – Weightage	Payment Procedure
(ii)Sub-structure:	Nil	(ii). Sub-structure: Payment against Sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub-structure of the Structure subject to completion of at least two sub-structures of abutments/piers up to abutment/pier cap level of the ROB/RUB
(iii). Super-structure (including bearings)	Nil	(iii) Super-structure: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure including bearings of at least one span in all respects as specified
(iv). Wearing Coat including expansion joints.	Nil	(iv) Wearing Coat: Payment shall be made on completion of wearing coat including expansion joints complete in all respects as specified
(v). Miscellaneous items like hand rails, crash barriers, road markings etc	Nil	(v). Miscellaneous: Payment shall be made on completion of all miscellaneous items like hand rails, crash barriers, road markings etc. s complete in all respects as specified
(vi). Wing walls/return walls	Nil	(vi).Wing walls/return walls: Payment shall be made on completion of all wing walls/return walls complete in all respects as specified
(vii). Approaches (including Retaining walls/Reinforced Earth wall, stone pitching and protection works)	Nil	(vii). Approaches: Payment shall be made on completion of both approaches including stone pitching and protection works etc. complete in all respects as specified
C.2- New Elevated Section/Flyovers/ Grade Separators (i) Foundation	Nil	(i). Foundation: Cost of each Structure shall be determined on pro- rata basis with respect to the total linear length (m) of the Structure. Payment against foundation shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of foundation of the Structure subject to completion of at least two foundations of the Structure. In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.
(ii)Sub-structure:	Nil	(ii). Sub-structure: Payment against Sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub-structure of the Structure subject to completion of at least two sub-structures of abutments/piers up to abutment/pier cap level of the ROB/RUB

Stage of Payment	Percentage – Weightage	Payment Procedure
(iii). Super-structure (including bearings)	Nil	(iii) Super-structure: Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structure including bearings of at least one span in all respects as specified
(iv). Wearing Coat including expansion joints.	Nil	(iv) Wearing Coat: Payment shall be made on completion of wearing coat including expansion joints complete in all respects as specified
(v). Miscellaneous items like hand rails, crash barriers, road markings etc	Nil	(v). Miscellaneous: Payment shall be made on completion of all miscellaneous items like hand rails, crash barriers, road markings etc. s complete in all respects as specified
(vi). Wing walls/return walls	Nil	(vi).Wing walls/return walls: Payment shall be made on completion of all wing walls/return walls complete in all respects as specified
(vii). Approaches (including Retaining walls/Reinforced Earth wall, stone pitching and protection works)	Nil	(vii). Approaches: Payment shall be made on completion of both approaches including stone pitching and protection works etc. complete in all respects as specified

Note: (1) In case of Innovate major bridge projects like cable suspension/cable stayed /Extra Dozed and exceptionally long span bridges, the schedule may be modified as per site requirements before bidding with due approval of DG(RD) & SS, MoRT&H.

(2) The Schedule for exclusive tunnel projects may be prepared as per site requirements before bidding with due approval of DG(RD) & SS, MoRT&H.

1.3.4 Other works.

Procedure for estimating the value of other works done shall be as stated in table 1.3.4:

Table 1.3.4

Stage of Payment	Weightage	Payment Procedure
(i) Toll plaza	21.87%	Unit of measurement is each completed toll plaza. Payment of each toll plaza shall be made on pro- rata basis with respect to the total of all toll plazas
(ii) Road side drains	23.11%	Unit of measurement is linear length in km. Payment shall be made on pro-rata basis on completion of a stage in a length of not less than 10% (ten per cent) of the total length.
(iii) Road signs, markings, Km Stones, Boundary Stones, Safety Devices etc.	18.13%	

Stage of Payment	Weightage	Payment Procedure
(iv) Project Facilities		Payment shall be made on pro rata basis for completed facilities.
a) Bus bays	5.18%	
b) Truck lay-byes	3.73%	
c) Rest areas	Nil	
d) Others (Junctions)	14.92%	
(v) Road side plantation	1.66%	Unit of measurement is linear length. Payment shall be made on pro-rata basis on completion of a stage in a length of not less than 10% (ten per cent) of the total length.
(vi) Repair of protection works other than approaches to the bridges, elevated sections/ flyovers/grade separators and ROB/RUBs.	1.04%	
(vii). Safety and traffic management during construction	10.36%	Payment shall be made on pro-rata basis on every six months.

NOTE: Any works executed by the previous Contractor from Ch 490.05 to Ch 535.00 requiring repair or maintenance or complete rework before the execution of next stage of works on it or to satisfy the project specifications and requirements are deemed to be included in the Contract Price and in no case shall be paid additionally.

2. Procedure for payment for Maintenance

2.1 The cost for maintenance shall be as stated in Clause 14.1.1.

2.2 Payment for Maintenance shall be made in quarterly instalments in accordance with the provisions of Clause 19.7.