

## SCHEDULE - H

See Clauses 10.1 (iv) and 19.3

### Contract Price Weightages

1.1 The Contract Price for this Agreement is Rs.\*\*\*\*\*

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
1	2	3	4
Road works including culverts, widening and repair of culverts	73.29	<b>A- Widening and strengthening of existing road</b>	
		(1) Earthwork up to top of sub-grade	9.26
		(2) Sub Base Course	8.97
		(3) Non Bituminous Base Course	23.93
		(4) Bituminous Base Course	28.48
		(5) Wearing Coat	13.29
		(6) Widening and repair of culvert	NIL
		<b>B.1- Reconstruction / New 2-Lane realignment/ bypass (Flexible Pavement)</b>	
		(1) Earthwork up to top of sub-grade	NIL
		(2) Sub Base Course	NIL
		(3) Non-Bituminous Base Course	NIL
		(4) Bituminous Base Course	NIL
		(5) Wearing Coat	NIL
		<b>B.2- Reconstruction / New 2-Lane realignment/ bypass (Rigid Pavement)</b>	

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage
		(1) Earthwork up to top of sub-grade	NIL
		(2) Sub Base Course	NIL
		(3) Dry Lean Concrete (DLC) Course	NIL
		(4) Pavement Quality Control (PQC) Course	NIL
		<b>C.1- Reconstruction / New Service road (Flexible Pavement)</b>	
		(1) ) Earthwork up to top of sub-grade	NIL
		(2) Sub Base Course	NIL
		(3) Non-Bituminous Base Course	NIL
		(4) Bituminous Base Course	NIL
		(5) Wearing Coat	NIL
		<b>C.2- Reconstruction / New Service road (Rigid Pavement)</b>	
		(1) ) Earthwork up to top of sub-grade	NIL
		(2) Sub Base Course	NIL
		(3) Dry Lean Concrete (DLC) Course	NIL
		(4) Pavement Quality Control (PQC) Course	NIL
		<b>D- Re-Construction and New culverts on existing road, realignments, bypasses:</b>	
		Culverts (Length <6 m)	16.08
		Minor Bridges/ Underpasses/ Overpasses	3.90
Minor Bridges	24.77		
<b>A.2- New Minor Bridges (length&gt;6m and &lt;60m)</b>			
(1) <b>Foundation + Sub-Structure:</b> On completion	33.08		

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage
		of the foundation work including foundation for wing and return walls, abutments, piers upto the abutment/pier cap.	
		(2) <b>Super-Structure:</b> On completion of the super structure in all respects including wearing coat, bearings, expansion joints, hand rails, crash barriers, road sign & markings tests on completion etc. complete in all respect.	22.24
		(3) <b>Approaches:</b> On completion of approaches including retaining walls, stone pitching, protection works complete in all respect and fit for use.	2.60
		(4) <b>Guide Bunds and River Training works:</b> On completion of Guide Bunds and river Training works complete in all respects	17.31
		<b>B.1- Widening and Repair of underpasses/overpasses</b>	
		Underpasses/ Overpasses	NIL
		<b>B.2- New underpasses/overpasses</b>	
		(1) Foundation +Sub-Structure: On completion of the foundation work including foundations for wing and return walls, abutments, piers upto the abutment/pier cap.	NIL
		(2) Super-structure: On completion of the super-structure in all respects	NIL



Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage
		(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) Guide Bunds, River Training works etc.	NIL
		(8) Approaches (including Retaining walls, stone pitching and protection works)	NIL
		<b>B.1- Widening and Repair of</b>	
		<b>(a) ROB</b>	
		<b>(b) RUB</b>	
		(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 respects 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>B.2- New ROB/RUB</b>	
		<b>(a) ROB</b>	
		<b>(b) RUB</b>	
		(1) Foundation	NIL

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage
		(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 respects 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>C.1- Widening and repair of Elevated Section/Flyovers/Grade Separators</b>	
		(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/ Reinforced Earth wall, stone pitching and protection works)	NIL
		<b>C.2- New Elevated Section/Flyovers/Grade Separators</b>	
		(1) Foundation	NIL

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage
		(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/ Reinforced Earth wall, stone pitching and protection works)	NIL
Other works	22.81	(i) Toll Plaza	NIL
		(ii) Road side drains	34.49
		(iii) Road signs, markings, km stones, safety devices, ....	49.31
		(iv) Project facilities	
		(a) Bus Bays & Bus Shelter	2.64
		(b) Truck lay-byes	2.04
		(c) Rest areas	NIL
		(d) Electrical Works	NIL
		(e) Junctions	NIL
		(f) others	9.75
		(v) Road side plantation	NIL
		(vi) Protection works other than elevated sections/ flyovers/grade separators and ROBs/RUBs.	NIL
		(vii) Safety and traffic management during construction	NIL
		(viii) Median & Island Filling	1.78

### 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**

<b>Stage for Payment</b>	<b>Percentage weightage</b>	<b>Payment Procedure</b>
<b>A- Widening and strengthening of existing road</b>		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 or 0.5 km whichever is less.
(1) Earthwork up to top of sub-grade	9.26	
(2) Sub Base Course	8.97	
(3) Non-Bituminous Base Course	23.93	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 or 0.5 km whichever is less provided bridge is completed up-to deck slab level.
(4) Bituminous Base Course	28.48	
(5) Wearing Coat	13.29	Cost of completed culverts shall be determined pro rata with respect to the total number of culverts. Payment shall be made on the completion of at least 1 (One) culverts.
(6) Widening and repair of culvert	NIL	
<b>B.1- Reconstruction / New 2-Lane realignment/ bypass (Flexible Pavement)</b>		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 sub-grade	NIL	
(2) Sub Base Course	NIL	
(3) Non-Bituminous Base Course	NIL	
(4) Bituminous Base Course	NIL	
(5) Wearing Coat	NIL	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.
<b>B.2- Reconstruction / New 2-Lane realignment/ bypass (Rigid Pavement)</b>		
(1) Earthwork up to top of sub-grade	NIL	
(2) Sub Base Course	NIL	
(3) Dry Lean Concrete (DLC) Course	NIL	

Stage for Payment	Percentage weightage	Payment Procedure
(4) Pavement Quality Control (PQC) Course	NIL	
<b>C.1- Reconstruction / New Service road (Flexible Pavement)</b>		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 sub-grade	NIL	
(2) Sub Base Course	NIL	
(3) Non-Bituminous Base Course	NIL	
(4) Bituminous Base Course	NIL	
(5) Wearing Coat	NIL	
<b>C.2- Reconstruction / New Service road (Rigid Pavement)</b>		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 sub-grade	NIL	
(2) Sub Base Course	NIL	
(3) Dry Lean Concrete (DLC) Course	NIL	
(4) Pavement Quality Control (PQC) Course	NIL	
<b>D- Re-Construction and New culverts on existing road, realignments, bypasses:</b>		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 at least1 (One) culverts.
Culverts (Length <6 m)	16.08	

@. 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 table1.3.2:

**Table 1.3.2**

Stage for Payment	Percentage weightage	Payment Procedure
<b>A.1- Widening and repairs of Minor Bridges (length&gt;6m and &lt;60m)</b>	24.77	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 completion of widening & repair works of a minor bridge.
Minor Bridges		
<b>A.2- New Minor Bridges (length&gt;6m and &lt;60m)</b>		
(1) <b>Foundation:</b> On completion of the foundation work including foundation for wing and return walls, abutments, piers upto pile cap.	17.2	(i) 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 shall be made on pro-rata basis on completion of a stage i.e. completion of at least one foundation up to pile cap level of each bridge.  In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.
(2) <b>Sub-Structure:</b> On completion of the sub-structure work including wing and return walls, abutments and piers up-to pier cap level.	15.88	(i) 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 sub-structure shall be made on pro-rata basis on completion of a

Stage for Payment	Percentage weightage	Payment Procedure
		<p>stage i.e. completion of at least one 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>(3) <b>Super-Structure:</b> On completion of the super structure in all respects including wearing coat, bearings, expansion joints, hand rails, crash barriers, road sign &amp; markings tests on completion etc. complete in all respect.</p>	22.24	<p>(ii) <b>Super-structure:</b> 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>(4) <b>Approaches:</b> On completion of approaches including retaining walls, stone pitching, protection works complete in all respect and fit for use.</p>	2.60	<p>(iii) <b>Approaches:</b> Payment shall be made on pro-rata basis on completion of a stage i.e. completion of approaches in all respect as specified in the column of "Stage of Payment" in this sub-clause.</p>
<p>(5) <b>Guide Bunds and River Training works :</b> On completion of Guide Bunds and river Training works complete in all respects</p>	17.31	<p>(iv) <b>Guide Bunds and River Training Works:</b> Payment shall be made on pro-rata basis on completion of a stage i.e. completion of guide Bunds and River training works in all respects as specified.</p>
<p><b>B.1- Widening and Repair of underpasses/overpasses</b></p>		<p>Cost of each underpass/overpass shall be determined on pro rata basis with respect to the total linear length of the underpasses/overpasses.</p>
<p>Underpasses/ Overpasses</p>	NIL	<p>Payment shall be made on the completion of widening &amp; repair works of a underpass/overpass.</p>
<p><b>B.2- New underpasses/overpasses</b></p>		
<p>(1) <b>Foundation +Sub-Structure:</b> On completion of the foundation work including foundations for wing and return walls,</p>	NIL	<p>(i) <b>Foundation +Sub-Structure:</b> cost of each Underpass/Overpass shall be determined on pro rata basis with respect to the total linear length (m) of the Underpasses/ Overpasses.</p>

Stage for Payment	Percentage weightage	Payment Procedure
abutments, piers upto the abutment/pier cap.		<p>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 Underpasses/ Overpasses subject to completion of atleast two foundations along with sub-structure upto abutment/pier cap 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>(2) Super-structure: On completion of the super-structure in all respects including wearing coat, bearings, expansion joints, hand rails, crash barriers, road signs &amp; makings, tests on completion etc. complete in all respect.</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 as specified.</p>	NIL	<p>(ii) <b>Super-structure:</b> 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>(3) Approaches: On completion of approaches including Retaining walls/ Reinforced Earth walls, stone pitching, protection works complete in all respect and fit for use.</p>	NIL	<p>(iii) <b>Approaches:</b> Payment shall be made on pro-rata basis on completion of a stage i.e. completion of approaches in all respect 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 for Payment	Percentage weightage	Payment Procedure
<b>A.1 - Widening and repairs of Major Bridges</b>		
(1) Foundation	NIL	<p>(i) <b>Foundation:</b> Cost of each Major Bridge shall be determined on pro rata basis with respect to the total linear length (m) of the Major Bridge.</p> <p>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 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>
(2) Sub-structure	NIL	<p>(ii) <b>Sub-structure :</b> 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 at least two sub-structures of abutments/piers up to abutment/pier cap level of the major bridge.</p>
(3) Super-structure (including bearings)	NIL	<p>(iii) <b>Super-structure :</b> Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structures including bearings of at least one span in all respects as specified.</p>
(4) Wearing Coat including expansion joints	NIL	<p>(iv) <b>Wearing Coat :</b> Payment shall be made on completion of wearing coat including expansion joints complete in all respects as specified.</p>
(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	NIL	<p>(v) <b>Miscellaneous :</b> Payment shall be made on completion of all miscellaneous works like hand rails, crash barriers, road markings etc. complete in all</p>

Stage for Payment	Percentage weightage	Payment Procedure
		respects as specified.
(6) Wing walls/return walls	NIL	(vi) <b>Wing walls/return walls:</b> Payments shall be made on completion of all wing walls/ return walls complete in all respects as specified.
(7) Guide Bunds, River Training works etc.	NIL	(vii) <b>Guide Bunds, River Training works :</b> Payment shall be made on completion of all guide bunds/ river training works etc. complete in all respects as specified.
(8) Approaches (including Retaining walls, stone pitching and protection works)	NIL	(viii) <b>Approaches :</b> Payment shall be made on completion of both approaches including stone pitching, protection works, etc. complete in all respects as specified.
<b>A.2- New Major Bridges</b>		
(1) Foundation	NIL	(i) <b>Foundation:</b> Cost of each Major Bridge shall be determined on pro rata basis with respect to the total linear length (m) of the Major Bridge. 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 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.
(2) Sub-structure	NIL	(ii) <b>Sub-structure :</b> 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 at least two sub-structures of abutments/piers upto abutment/ pier cap level of the major bridge.
(3) Super-structure (including bearings)	NIL	(iii) <b>Super-structure :</b> Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structures including bearings of at least one span in all respects as specified.
(4) Wearing Coat including expansion joints	NIL	(iv) <b>Wearing Coat :</b> Payment shall be made on completion of wearing coat including expansion joints complete in all respects as specified.
(5) Miscellaneous Items like	NIL	(v) <b>Miscellaneous :</b> Payment shall be made on completion of all

Stage for Payment	Percentage weightage	Payment Procedure
hand rails, crash barriers, road markings etc.)		miscellaneous works like hand rails, crash barriers, road markings etc. complete in all respects as specified.
(6) Wing walls/return walls	NIL	(vi) <b>Wing walls/return walls:</b> Payments shall be made on completion of all wing walls/return walls complete in all respects as specified.
(7) Guide Bunds, River Training works etc.	NIL	(vii) <b>Guide Bunds, River Training works :</b> Payment shall be made on completion of all guide bunds/river training works etc. complete in all respects as specified.
(8) Approaches (including Retaining walls, stone pitching and protection works)	NIL	(viii) <b>Approaches :</b> Payment shall be made on completion of both approaches including stone pitching, protection works, etc. complete in all respects as specified.
<b>B.1- Widening and Repair of</b> <b>(a) ROB</b> <b>(b) RUB</b>		
(1) Foundation	NIL	(i) <b>Foundation:</b> 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 of the ROB/RUB subject to completion of at least two foundations of the ROB/RUB.  In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.
(2) Sub-structure	NIL	(ii) <b>Sub-structure :</b> 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 upto abutment/pier cap level of the ROB/RUB.
(3) Super-structure (including bearings)	NIL	(iii) <b>Super-structure :</b> Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structures including bearings of atleast one span in all respects as specified.
(4) Wearing Coat: (a) in case of	NIL	

Stage for Payment	Percentage weightage	Payment Procedure
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.		(iv) <b>Wearing Coat :</b> 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.
(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	NIL	(v) <b>Miscellaneous :</b> Payment shall be made on completion of all miscellaneous works like hand rails, crash barriers, road markings etc. complete in all respects as specified.
(6) Wing walls/return walls	NIL	(vi) <b>Wing walls/return walls:</b> Payments shall be made on completion of all wing walls/ return walls complete in all respects as specified.
(7) Approaches (including Retaining walls, stone pitching and protection works)	NIL	(vii) <b>Approaches :</b> Payment shall be made on completion of both approaches including stone pitching, protection works, etc. complete in all respects as specified.
<b>B.2- New ROB/RUB</b> <b>(a) ROB</b> <b>(b) RUB</b>		
(1) Foundation	NIL	(i) <b>Foundation:</b> 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 of the ROB/RUB subject to completion of atleast two foundations of the ROB/RUB.  In case where load testing is required for foundation, the trigger of first payment shall include load testing also where specified.
(2) Sub-structure	NIL	(ii) <b>Sub-structure :</b> 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 upto abutment/pier cap level of the ROB/RUB.
(3) Super-structure (including bearings)	NIL	(iii) <b>Super-structure :</b> Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structures including bearings of at least one

Stage for Payment	Percentage weightage	Payment Procedure
		span in all respects as specified.
(4) Wearing Coat: (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.	NIL	(iv) <b>Wearing Coat :</b> 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 as specified.
(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	NIL	(v) <b>Miscellaneous :</b> Payment shall be made on completion of all miscellaneous works like hand rails, crash barriers, road markings etc. complete in all respects as specified.
(6) Wing walls/return walls	NIL	(vi) <b>Wing walls/return walls:</b> Payments shall be made on completion of all wing walls/return walls complete in all respects as specified.
(7) Approaches (including Retaining walls, stone pitching and protection works)	NIL	(vii) <b>Approaches :</b> Payments shall be made on completion of both approaches including stone pitching, protection works, etc. complete in all respects as specified.
<b>C.1- Widening and repair of Elevated Section/Flyovers/Grade Separators</b>		
(1) Foundation	NIL	(i) <b>Foundation:</b> Cost of each Major Bridge shall be determined on pro rata basis with respect to the total linear length (m) of the Major Bridge. 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 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.
(2) Sub-structure	NIL	(ii) <b>Sub-structure :</b> 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 at least two sub-structures of abutments/piers upto abutment/pier cap level of the structure.

Stage for Payment	Percentage weightage	Payment Procedure
(3) Super-structure (including bearings)	NIL	(iii) <b>Super-structure :</b> Payment shall be made on pro-rata basis on completion of a stage i.e. completion of super-structures including bearings of at least one span in all respects as specified.
(4) Wearing Coat including expansion joints .	NIL	(iv) <b>Wearing Coat :</b> Payment shall be made on completion of wearing coat including expansion joints complete in all respects as specified.
(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	NIL	(v) <b>Miscellaneous :</b> Payment shall be made on completion of all miscellaneous works like hand rails, crash barriers, road markings etc. complete in all respects as specified.
(6) Wing walls/return walls	NIL	(vi) <b>Wing walls/return walls:</b> Payments shall be made on completion of all wing walls/return walls complete in all respects as specified.
(7) Approaches (including Retaining walls/ Reinforced Earth wall, stone pitching and protection works)	NIL	(vii) <b>Approaches :</b> Payment shall be made on completion of both approaches including stone pitching, protection works, etc. complete in all respects as specified.
<b>C.2- New Elevated Section/Flyovers/Grade Separators</b>		
(1) Foundation	NIL	(i) <b>Foundation:</b> 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.
(2) Sub-structure	NIL	(ii) <b>Sub-structure :</b> 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 upto abutment/pier cap level of the structure.
(3) Super-structure (including bearings)	NIL	(iii) <b>Super-structure :</b> Payment shall be made on pro-rata basis on

Stage for Payment	Percentage weightage	Payment Procedure
		completion of a stage i.e. completion of super-structures including bearings of at least one span in all respects as specified.
(4) Wearing Coat including expansion joints.	NIL	(iv) <b>Wearing Coat :</b> Payment shall be made on completion of wearing coat including expansion joints complete in all respects as specified.
(5) Miscellaneous Items like hand rails, crash barriers, road markings etc.)	NIL	(v) <b>Miscellaneous :</b> Payment shall be made on completion of all miscellaneous works like hand rails, crash barriers, road markings etc. complete in all respects as specified.
(6) Wing walls/return walls	NIL	(vi) <b>Wing walls/return walls:</b> Payments shall be made on completion of all wing walls/return walls complete in all respects as specified.
(7) Approaches (including Retaining walls/ Reinforced Earth wall, stone pitching and protection works)	NIL	(vii) <b>Approaches :</b> Payment shall be made on completion of both approaches including stone pitching, 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 Competent Authority.

(2) The Schedule for exclusive tunnel projects may be prepared as per site requirements before bidding with due approval of Competent Authority.

#### 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 for Payment	Percentage weightage	Payment Procedure
(i) Toll Plaza	NIL	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.

<b>Stage for Payment</b>	<b>Percentage weightage</b>	<b>Payment Procedure</b>
(ii) Road side drains	34.49	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 or 0.5 km whichever is less.
(iii) Road signs, markings, km stones, safety devices, ....	49.31	
(iv) Project facilities		Payment shall be made on pro rata basis for completed facilities.
(a) Bus Bays & Bus Shelter	2.64	
(b) Truck lay-byes	2.04	
(c) Rest areas	NIL	
(d) Electrical Works	7.25	
(e) Junctions	NIL	
(f) others	2.50	
(v) Road side plantation	NIL	Unit of measurement is linear length.
(vi) Repair of protection works other than elevated sections/ flyovers/grade separators and ROB/RUBs.	NIL	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.
(vii) Safety and traffic management during construction	NIL	Payment shall be made on pro rata basis every six months.
(viii) Median & island Filling	1.78	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.