HS2

High Speed Rail (London – West Midlands) Act 2017

HS2 Ltd

Warwick District Council

B4113 Stoneleigh Road Green Overbridge

Materials Schedule for Approval

HS2 Consents ID: WAC.PS.10039

Materials Schedule (For Approval)

This Materials Schedule covers the following construction elements associated with the Schedule 17 Plans & Specifications Approval for B4113 Stoneleigh Road Green Overbridge application:

- Overbridge parapets
- Overbridge beams
- Carriageway
- Footways
- Headwall and Wingwalls
- Pile facings
- Sides of Deck
- Soffit
- Retaining wall

Table 1: B4113 Stoneleigh Road Green Overbridge   Materials Schedule

Asset Area	Material	Finish Type	Colour	Product Information / specification	Image
Parapets					
External faces	Precast concrete	F3	Natural grey	The resulting finish shall be smooth and of uniform texture and appearance. The formwork lining shall leave no stain on the concrete and shall be joined and fixed to its backing that it imparts no blemishes. It shall be of the same type and obtained from only one source throughout any one structure. Any imperfections in the finish will be made good. Internal ties and embedded metal parts shall not be used. Permanently exposed concrete surfaces shall be protected from rust marks and stains of all kinds.	
Internal faces	Precast concrete	F4	Natural grey	The resulting finish shall be smooth and of uniform texture and appearance. The requirements for class F4 are as the same for class F3 except that internal ties and embedded metal parts shall be permitted.	

Deck structure

Carriageway	Asphalt or bituminous surfacing	To match adjacent	Dark grey	Mixture of aggregates bound with bitumen.	
Footway	Asphalt or bituminous surfacing	To match adjacent	Dark grey	Mixture of aggregates bound with bitumen.	
Pile Facings, Sides of Deck and Soffit	Precast Concrete	F2	Natural grey	Irregularities in the finish shall be no greater than those obtained from the use of wrought thicknessed square edged boards arranged in a uniform pattern. The finish is intended to be left as struck but imperfections such as fins and surface discolouration shall be made good.	

Head Wall and wingwalls					
Wingwall and Abutment (land drainage ditch)	Concrete	F2	Natural Grey	Smooth pre-cast concrete with no pattern	
Retaining wall					
Capping beam	Concrete	F3/F4	Grey	The resulting finish shall be smooth and of uniform texture and appearance. The formwork lining shall leave no stain on the concrete and shall be joined and fixed to its backing that it imparts no blemishes. It shall be of the same type and obtained from only one source throughout any one structure. Any imperfections in the finish will be made good. Internal ties and embedded metal parts shall not be used. Permanently exposed concrete surfaces shall be protected from rust marks and stains of all kinds. The requirements for class F4 are the same for class F3 except that internal ties and embedded metal parts shall be permitted.	

Cladding	Concrete	F3/F4	Grey	Kocher RECKLI pattern (16mm deep ribs) smooth concrete where exposed height is more than 900mm or more than 200mm from ground level. Where exposed height is less than 900mm or up to 200mm from ground level, the resulting F3 finish shall be smooth and of uniform texture and appearance. The formwork lining shall leave no stain on the concrete and shall be joined and fixed to its backing that it imparts no blemishes. It shall be of the same type and obtained from only one source throughout any one structure. Any imperfections in the finish will be made good. Internal ties and embedded metal parts shall not be used. Permanently exposed concrete surfaces shall be protected from rust marks and stains of all kinds. The requirements for class F4 are the same for class F3 except that internal ties and embedded metal parts shall be permitted.	