

SUMMARY OF MAJOR ITEMS OF WORK **REQUIRED** FOR SEISMIC SAFETY OPENING

DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	MINIMUM WORK THAT MUST BE COMPLETED AT SEISMIC SAFETY OPENING		COMMENTS
			Status of Construction at SSO	System Operational	
Electrical	96	Underground System			
		CONNECTION TO POWER/COMMUNICATION SYSTEM AT CONSTRUCTION LIMITS			
		ACCESSIBILITY FOR INSTALLATION AT W2 GRADE LEVEL			
		Conduits, Manholes	All Conduit and Manholes installed and connected to existing underground to Substation.	Yes	
		Conductors / Cables	All Conductors and Cables installed and connected to existing underground to Substation.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Grounding System	Grounding System installed	Yes	
		Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting	
	96	W2 (W2W) System			
		ACCESSIBILITY FOR INSTALLATION AT W2W BASE, UP COLUMN AND UNDER OBG LIFT1.			
		Conduits / Cable Trays / Boxes	All Conduit, Cable Trays and Boxes installed and connected to Westbound OBG.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting
		Grounding System	Grounding System installed	Yes	
		Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting	
	96	W2 (W2E) System			
		ACCESSIBILITY FOR INSTALLATION AT W2E BASE, UP COLUMN AND UNDER OBG LIFT1.			
		Conduits / Cable Trays / Boxes	All Conduit, Cable Trays and Boxes installed and connected to Eastbound OBG.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting
		Grounding System	Grounding System installed	Yes	
		Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting	
103	Westbound Girder				
	ACCESSIBILITY FOR INSTALLATION BEFORE LOAD TRANSFER				

SAN FRANCISCO / OAKLAND BAY BRIDGE EAST SPAN PROJECT

CONTRACT NO. 04-0120F4

SUMMARY OF MAJOR ITEMS OF WORK **REQUIRED** FOR SEISMIC SAFETY OPENING

DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	MINIMUM WORK THAT MUST BE COMPLETED AT SEISMIC SAFETY OPENING		COMMENTS	
			Status of Construction at SSO	System Operational		
Electrical		Conduits / Cable Trays / Boxes	All Conduit, Cable Trays and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting	
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting	
		Westbound Service Platforms (#4,#5,#6,#7,#8)	As Required for Roadway Lighting	Yes, as required		
		Suspension Cable Feed	Completely Installed	Yes		
		Lighting - Roadway Poles Feed (4 OF 6 POLES FEED THROUGH OBG)	Completely Installed (Poles State supplied)	Yes		
		Grounding System	Grounding System installed	Yes		
		Roadway Sign Pole Lighting Feed (Feed through OBG)	Completely Installed	Yes		
	107	Navigation Warning System (Channel Marker Light, Control Cabinet)	Temporary System ONLY	Permanent NO Temporary YES		
		Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting		
	103	E2 (E2W) System				
		ACCESSIBILITY FOR INSTALLATION FROM OBG SOFFIT DOWN COLUMN TO PIER.				
		Conduits / Cable Trays / Boxes	All Conduit, Cable Trays and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting	
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting	
		Grounding System	Grounding System installed	Yes		
107	Navigation Warning System (Pier Marker lights - Fog Horn)	Temporary System ONLY	Permanent NO Temporary YES	Fog Horn System from Existing Bay Bridge to be Used		
	Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting			
103	Westbound Skyway Interface					
	Conduits / Cable Trays / Boxes	All Conduit and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting		
	Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting		
	Grounding System	Grounding System installed	Yes			
107	Navigation Warning System (Pier Marker lights, Bell)	Temporary System ONLY	Permanent NO Temporary YES			
	Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting			

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DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	MINIMUM WORK THAT MUST BE COMPLETED AT SEISMIC SAFETY OPENING		COMMENTS
			Status of Construction at SSO	System Operational	
Electrical	135	Westbound Roadway			
		ACCESSIBILITY FOR INSTALLATION FROM OBG THROUGH BARRIER RAIL/OPENING TO ITEMS.			
		Conduits / Boxes	All Conduit and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting
		Grounding System	Grounding System installed	Yes	
		Roadway Sign Pole Lighting Feed (Feed through OBG)	Completely Installed	Yes	
		Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting	
	105	Eastbound Girder			
		ACCESSIBILITY FOR INSTALLATION BEFORE LOAD TRANSFER			
		ACCESSIBILITY FOR INSTALLATION TOWER POWER / COMMUNICATION			
		Conduits / Cable Trays / Boxes	All Conduit, Cable Trays and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Tower Interface (Platform/Seismic Flex Conduit -Power/Communication)	Platform, Pull Boxes, Conduit and conductors required to provide power and communication to Tower.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Grounding System	Grounding System installed	Yes	
		Eastbound Service Platforms (#4,#5,#6,#7,#8)	Completely Installed	Yes for all items required for Seismic Safety Opening	
	107	Navigation Warning System (Channel Marker Light - Control Cabinet)	Temporary System ONLY	Permanent NO Temporary YES	
		Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting	
	105	E2 (E2E) System			
	ACCESSIBILITY FOR INSTALLATION FROM OBG SOFFIT DOWN COLUMN TO PIER.				
	Conduits / Boxes	All Conduit and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting	
	Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting	
107	Navigation Warning System (Pier Marker lights, Fog Horn)	Temporary System ONLY	Permanent NO Temporary YES	Fog Horn System from Existing Bay Bridge to be Used	
	Grounding System	Grounding System installed	Yes		
	Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting		

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DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	MINIMUM WORK THAT MUST BE COMPLETED AT SEISMIC SAFETY OPENING		COMMENTS
			Status of Construction at SSO	System Operational	
Electrical	105	Eastbound Skyway Interface			
		Conduits / Boxes	All Conduit and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting
	107	Navigation Warning System (Pier Marker lights, Fog Horn)	Temporary System ONLY	Permanent NO Temporary YES	Fog Horn System from Existing Bay Bridge to be Used
		Grounding System	Grounding System installed	Yes	
		Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting	
	104	Eastbound Roadway			
		ACCESSIBILITY FOR INSTALLATION FROM OBG THROUGH BARRIER RAIL/OPENING TO ITEMS.			
		Conduits / Cable Trays / Boxes	All Conduit and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting
		Grounding System	Grounding System installed	Yes	
		Roadway Sign Pole Lighting Feed (Feed through OBG)	Completely Installed	Yes	
		Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Seismic Seismic Safety Opening	
	106	Tower			
		ACCESSIBILITY FOR INSTALLATION FROM BELOW SADDLE TO TOWER TOP.			
		Conduits / Cable Trays / Boxes	All Conduit and Boxes installed.	Yes for Roadway Lighting	For all conduit and boxes REQUIRED for Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting
	Grounding System	Grounding System installed	Yes		
	Power Distribution Service (3-Location)	Completely Installed	Yes for Roadway Lighting	For all conductors and cable REQUIRED for with Roadway Lighting	
	Aviation Lighting	Temporary System ONLY	Permanent NO Temporary YES		
107	Navigation Warning System (Pier Marker lights, Fog Horn)	Temporary System ONLY	Permanent NO Temporary YES		
	Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes for all items required for Roadway Lighting		

SAN FRANCISCO / OAKLAND BAY BRIDGE EAST SPAN PROJECT

CONTRACT NO. 04-0120F4

SUMMARY OF MAJOR ITEMS OF WORK **REQUIRED** FOR SEISMIC SAFETY OPENING

DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	MINIMUM WORK THAT MUST BE COMPLETED AT SEISMIC SAFETY OPENING		COMMENTS
			Status of Construction at SSO	System Operational	
Electrical	106	Suspension Cable			
		ACCESSIBILITY FOR INSTALLATION ON CABLE.			
		Conduits / Cable Trays / Boxes	Completely Installed	Yes	
		Conductors / Cables	Completely Installed	Yes	
		Grounding System	Grounding System Installed	Yes	
	120	Strong Motion	Completely Installed	Yes	
		Architectural Lighting	Fixture, conduit, bracket mounted installation complete	Yes	
	107	Aviation Lighting	Completely Installed	Yes, if possible	
		Roadway Lighting	Completely Installed	Yes	
	Testing	Testing will be performed using either permanent power available from YBI (service provided from other contract) or Temporary Generators must be supplied.	Yes		
Steel Structures		Temporary Towers			
	10-1.41	T-1 Erection Tower	Erection Tower and FAVCO MUST be lowered to minimum of OBG Deck Level so FAVCO can be removed	N/A	ABF to schedule work upon completion of Tower Head Installation and T-1 Tieback Removal plus Catwalk and Tramway Removal to allow Erection Tower and FAVCO to be removed
		Removal of Cradles	As required to maintain Post Load Transfer 2M All Around Clearance per Special Provisions Section 10-1.01	N/A	
Service Platforms	10-1.62	Platforms on Crossbeams	Installation of Steel Platform Structure completed to allow any Electrical Work for Roadway Lighting to be performed	N/A	Not Contemplated
Sign Structures	10-1.65	Permanent Sign Structures	Sign structure and directional signage panel to be completed	Yes	Install Sign Structural and Signage Panel indicated on Contract Plans
		Temporary Sign Structures	If determined based upon traffic patterns that temporary signage structures are required, they will be installed	Yes, if required	Determine what Directional Signage is Required for Seismic Safety Opening
Painting	10-1.69	Clean and Paint Structural Steel	All work substantially completed		
	10-1.71	Clean and Paint Cable System	All work on Main Cable and Suspender Ropes completed	N/A	Not Contemplated
	10-1.66	Clean and Paint Sign Structures	All work completed		
Barrier	10-1.78	Concrete Barrier	Barrier at Transition at W-2 will be installed	Yes	None required
		Temporary K-rail Along Edges of BOTH Shoulders of East and West Bound Lanes	Install Temporary K-rail	Yes, if required	Determine design to affix temporary barrier wall to deck of bridge, if required
	10-1.80	Steel Barrier	Steel Barrier along both edges of East and West Bound lanes	Yes	None required
Striping	10.1.82	Permanent Striping/Markers	Depending on when AC Pavement is installed and its cure time prior to actual Seismic Safety Opening will determine whether permanent or temporary striping and pavement markers are installed	Yes, in either temporary or permanent form	Develop contingency plan for the installation of temporary pavement markings if required
		Temporary Striping/Markers			

SUMMARY OF MAJOR ITEMS OF WORK TO BE COMPLETED **AFTER** SEISMIC SAFETY OPENING

DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	STATUS OF SYSTEM/WORK AT PROJECT COMPLETION		COMMENTS
			Status of Construction at Project Completion	System Operational	
Electrical	103	Westbound Girder			
		ACCESSIBILITY FOR INSTALLATION BEFORE LOAD TRANSFER			
		Conduits / Cable Trays / Boxes	All Conduit, Cable Trays and Boxes installed.	Yes	For all conduit and boxes NOT associated with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes	For all conductors and cable NOT associated with Roadway Lighting
		Westbound Service Platforms (#4,#5,#6,#7,#8)	Completely Installed	Yes	
	120	Strong Motion	Completely Installed	Yes	
		Light Pipe Feed	Completely Installed	Yes	
		OBG Lighting & Receptacles	Completely Installed	Yes	
		Dehumidification System #3 Power & Communication Connection	Completely Installed and Tested	Yes	
	107	Navigation Warning System (Channel Marker Light, Control Cabinet)	Completely Installed and Tested	Yes	
		Testing	Completion of all testing provided Permanent Power is available	Yes	
	103	E2 (E2W) System			
		ACCESSIBILITY FOR INSTALLATION FROM OBG SOFFIT DOWN COLUMN TO PIER.			
		Conduits / Cable Trays / Boxes	All Conduit and Boxes installed.	Yes	For all conduit and boxes NOT associated with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes	For all conductors and cable NOT associated with Roadway Lighting
	107	Navigation Warning System (Pier Marker lights - Fog Horn)	Completely Installed and Tested	Yes	
		B.A.S.E. Camera	Conduits and Boxes installed	Yes	Camera Installation may be by Separate Contract
		Testing	Completion of all testing provided Permanent Power is available	Yes	
	103	Westbound Skyway Interface			
		Conductors / Cables	Completely Installed	Yes	For all conductors and cable NOT associated with Roadway Lighting
	120	Strong Motion	Completely Installed	Yes	
	107	Navigation Warning System (Pier Marker lights, Bell)	Completely Installed and Tested	Yes	
		Testing	Completion of all testing provided Permanent Power is available	Yes	
	135	Westbound Roadway			
		ACCESSIBILITY FOR INSTALLATION FROM OBG THROUGH BARRIER RAIL/OPENING TO ITEMS.			
		Conduits / Boxes	All Conduit and Boxes installed.	Yes	For all conduit and boxes NOT associated with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes	For all conductors and cable NOT associated with Roadway Lighting
	Architectural Lighting (feed from Barrier rail)	Conduit, conductors and fixtures	Yes		
	Testing	Completion of all testing provided Permanent Power is available	Yes		

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DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	STATUS OF SYSTEM/WORK AT PROJECT COMPLETION		COMMENTS
			Status of Construction at Project Completion	System Operational	
Electrical	105	Eastbound Girder			
		ACCESSIBILITY FOR INSTALLATION BEFORE LOAD TRANSFER			
		ACCESSIBILITY FOR INSTALLATION TOWER POWER / COMMUNICATION			
		Conduits / Cable Trays / Boxes	All Conduit, Cable Trays and Boxes installed.	Yes	For all conduit and boxes NOT associated with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes	For all conductors and cable NOT associated with Roadway Lighting
		Eastbound Service Platforms (#4,#5,#6,#7,#8)	Completely Installed	Yes	
	110	TOS	Completely Installed	Yes	
	108	SCADA	Completely Installed	Yes	
	120	Strong Motion	Completely Installed	Yes	
		Bike Path Feeds (Light Pipe - light poles - Railing Lighting)	Completely Installed	Yes	
		OBG Lighting & Receptacles	Completely Installed	Yes	
		Dehumidification System #4 Power & Communication Connection	Completely Installed and Tested	Yes	
	107	Navigation Warning System (Channel Marker Light - Control Cabinet)	Completely Installed and Tested	Yes	
		Testing	Completion of all testing provided Permanent Power is available	Yes	
	105	E2 (E2E) System			
		ACCESSIBILITY FOR INSTALLATION FROM OBG SOFFIT DOWN COLUMN TO PIER.			
		Conduits / Boxes	All Conduit and Boxes installed.	Yes	For all conduit and boxes NOT associated with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes	For all conductors and cable NOT associated with Roadway Lighting
	B.A.S.E. Camera	Conduits and Boxes installed	Yes	Camera Installation may be by Separate Contract	
107	Navigation Warning System (Pier Marker lights, Fog Horn)	Completely Installed and Tested	Yes		
	Testing	Completion of all testing provided Permanent Power is available	Yes		

SUMMARY OF MAJOR ITEMS OF WORK TO BE COMPLETED **AFTER** SEISMIC SAFETY OPENING

DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	STATUS OF SYSTEM/WORK AT PROJECT COMPLETION		COMMENTS
			Status of Construction at Project Completion	System Operational	
Electrical	105	Eastbound Skyway Interface			
		Conduits / Boxes	All Conduit and Boxes installed.	Yes	For all conduit and boxes NOT associated with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes	For all conductors and cable NOT associated with Roadway Lighting
	120	Strong Motion	Completely Installed	Yes	
	107	Navigation Warning System (Pier Marker lights, Fog Horn)	Completely Installed and Tested	Yes	
		Testing	Completion of all testing provided Permanent Power is available	Yes	
	104	Eastbound Roadway			
		ACCESSIBILITY FOR INSTALLATION FROM OBG THROUGH BARRIER RAIL/OPENING TO ITEMS.			
		Conduits / Cable Trays / Boxes	All Conduit and Boxes installed.	Yes	For all conduit and boxes NOT associated with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes	For all conductors and cable NOT associated with Roadway Lighting
		Call Box Feeds	Conduit and conductors.	Yes	
		B.A.S.E. Camera	Conduits and Boxes installed	Yes	Camera Installation may be by Separate Contract
		Architectural Lighting	Completely Installed	Yes	
		Testing	Completion of all testing provided Permanent Power is available	Yes	
	106	Tower			
		ACCESSIBILITY FOR INSTALLATION FROM BELOW SADDLE TO TOWER TOP.			
		Conduits / Cable Trays / Boxes	All Conduit and Boxes installed.	Yes	For all conduit and boxes NOT associated with Roadway Lighting
		Conductors / Cables	All Conductors and Cables installed.	Yes	For all conductors and cable NOT associated with Roadway Lighting
		Dehumidification System #2,#5 Power & Communication Connection	Completely Installed	Yes	
		B.A.S.E. Camera	Conduits and Boxes installed	Yes	Camera Installation may be by Separate Contract
	110	TOS Camera	Completely Installed	Yes	
		Power Distribution Service (3- Location)	Completely Installed	Yes	
		Booster Pump System Feed	Completely Installed	Yes	
		Elevator Power/Communication Feed	Completely Installed	Yes	
	120	Strong Motion(Sensors - Control Cabinet)	Completely Installed	Yes	
		Aviation Lighting	Completely Installed	Yes	
	107	Navigation Warning System (Pier Marker lights, Fog Horn)	Completely Installed and Tested	Yes	
	Architectural Lighting	Completely Installed	Yes		
	Lighting (Interior / Exterior)	Completely Installed	Yes		
	Testing	Completion of all testing provided Permanent Power is available	Yes		
104	Bike Path				
	Conduits / Cable Trays / Boxes	Completely Installed	Yes	For all conduit and boxes NOT associated with Roadway Lighting	
	Conductors / Cables	Completely Installed	Yes	For all conductors and cable NOT associated with Roadway Lighting	
	Grounding System	Completely Installed	Yes		
	Lighting - Belvedere Light Poles	Completely Installed	Yes		
	Lighting - Light Pipe Feed	Completely Installed	Yes		
	Lighting - Railing Lights	Completely Installed	Yes		
	Testing	Completion of all testing provided Permanent Power is available	Yes		
	B.A.S.E. Camera	Conduits and Boxes installed	Yes	Camera Installation may be by Separate Contract	

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DISCIPLINE	BID ITEM or SP SECTION	DESCRIPTION	STATUS OF SYSTEM/WORK AT PROJECT COMPLETION		COMMENTS
			Status of Construction at Project Completion	System Operational	
Steel Structures	10-1.41	Temporary Towers			
		Removal of Cradles	Any Remaining Cradles Removed		
		Removal of Towers / Trusses	All trusses, towers and foundations removed	N/A	
	10-1.46	Precast Concrete Fender Modules			
		Permanent Fender System	Complete Fender System Installed and any Temporary Measures Removed		This will require some evaluation of temporary measures for protecting T-1 Tower once bridge is open for traffic
	10-1.63 & 64	Traveler Scaffolds / Traveler Support Rails			
		Rail	Complete System Installed and Tested	Yes	
		Scaffold			
		Testing			
	10-1.78	Bike Path Structure/Railing			
	Bike Path Structure	All Work Completed	Yes	Assumes entire bike path is closed even for an opening day ceremony	
	Railing Installation	All Work Completed	Yes	Assumes entire bike path is closed even for an opening day ceremony	
10-1.85	Wind Vortex Plates				
	Plate Installation	All Work Completed	Yes	This will require confirmation from Wind Consultant and TYL as to whether they will be required	
Tower Suspender Assembly	10-1.61	Tower Suspender Assembly			
		Phyllystran Cables at Tower	All Work Completed	Yes	Because of the timing for removal of the T-1 Erection Tower, these "fake" strands may have to be installed after Seismic Safety Opening

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			Status of Construction at Project Completion	System Operational	
Mechanical	10-4.02	Piping, Fitting and Valves (Bridge Utilities)	Installation of Steel Structure completed to allow any Electrical Work for Roadway Lighting to be performed	N/A	
		4" Compressed Air (median & outside of EB & WB)	All Work Completed and Tested	Yes	This system is for bridge maintenance
		2-1/2" Bridge Water (median & outside of EB & WB)	All Work Completed and Tested	Yes	This system is for bridge maintenance; however if considered for fire fighting purposes, SFFD would have to respond with Pumper Truckers until system is operation
	10-4.03	City and County of San Francisco (CCSF) Utilities			
		12" Water Main	All Work Completed and Tested	Yes	Assumes existing bridge service provided for CCSF will remain active until these new services are completed
		10" Sanitary Sewer Force Main	All Work Completed and Tested	Yes	
		6" Reclaimed Water Main	All Work Completed and Tested	Yes	
	10-4.04	Booster Pump Station			
		Pumps	All Work Completed and Tested	Yes	This system is for bridge maintenance
		Expansion Tank	All Work Completed and Tested		
	10-4.05	Elevator			
		Cab, rails & controls	Installation Completed and Elevator Tested	Yes	Temporary construction use permit may be obtained for limited use
	10-4.06	Dehumidifier System			
		Ductwork	All ductwork installed	Yes	
	Dehumidification Units	All unites Installed and tested			
Painting	10-1.69	Clean and Paint Structural Steel	All work completed	N/A	Any remaining work required will be completed
	10-1.71	Clean and Paint Cable System			
	10-1.66	Clean and Paint Sign Structures			
Barrier	10-1.78	Removal of K-Rail	All removal, if any, will be complete	Yes	
Striping	10.1.82	Permanent Striping/Markers	Depending on when AC Pavement is installed and its cure time prior to actual Seismic Safety Opening will determine whether permanent or temporary striping and pavement markers are installed	Yes	