

TASK CE

10/15/2009

BORED TUNNEL CONCEPTUAL ENGINEERING DELIVERABLES

SCOPE	TASK	LEAD	DRAFT TO CLIENT	DRAFT SUBMIT	FINAL DUE	FINAL SUBMIT
4A1a	Architectural plans, sections, elevations	Browning	5/18/2009 ²		6/30/2009	
4A1b	Civil alignment and interchange plans, profiles, sections	Rodenbough	5/18/2009 ²		6/30/2009	
4A1c	Tunnel, portal and bridge structural plans and sections	Inverso	5/18/2009 ²		6/30/2009	
4A1d	Urban design plans, sections and elevations	Dramov	5/18/2009 ²		6/30/2009	
4A1e	Existing utilities plans and typical utility sections ⁽¹⁾	Smith	5/18/2009 ²		6/30/2009	
4A1f	Tunnel systems schematics ⁽¹⁾	Hawkins	5/18/2009 ²		6/30/2009	
4A2a	Architectural themes and concepts with graphics report	Browning	4/22/2009		6/1/2009	
4A2b	Urban design concepts and themes with graphics report	Dramov	4/22/2009		6/1/2009	
4A2c	Utilities impacts report	Smith	4/22/2009		6/1/2009	
4A2d	Summary level stormwater report	Smith	4/22/2009		6/1/2009	
4A2e	Construction staging, sequence and impacts (see A3h)	Petersen	4/22/2009		6/1/2009	
4A2f	Right of way impacts	Rodenbough	4/22/2009		6/1/2009	
4A2g	Corridor operations plan	Wellander	4/22/2009		6/1/2009	
4A3a	Civil Design Criteria	Rodenbough	3/16/2009	3/9/2009	6/30/09	
4A3b	Addendum to the corridor analysis (Addendum C)	Loen	3/30/2009	3/30/2009	6/30/09	
4A3c	Geometric design matrix	Rodenbough	3/16/2009	3/9/2009	6/30/09	
4A3d	Structural design criteria update	Soudy	3/16/2009	3/16/2009	5/6/2009	
4A3e	Tunnel systems design criteria	Hawkins	3/16/2009	3/16/2009	5/15/2009	
4A3f	Draft design approval package	Loen	5/29/2009		6/29/09	
4A3g	Draft deviations	Loen	4/10/09		6/26/09	
4A3h	Construction impacts and constructability white paper	Petersen	4/22/2009		6/1/09	
4A3i	Planning level cost estimate	Petersen	n/a		n/a	
4A3j	Planning level cost estimate update	Petersen	n/a		6/30/09	
	Work Products:					
4B1	Visual simulations	Mezher	n/a		6/30/09	
4B2	4D graphical support	Mezher	n/a		6/30/09	
5A1	EIS Snapshot Plan Set	Clark	5/18/2009 ²		6/30/2009	
5B1	Geotech needs and recommendations	Clark	3/9/2009	3/9/2009	6/30/2009	
5B2	Review of geotech data	Clark	5/1/2009		6/30/2009	
5B3	Coordinate geotech analysis	Clark	6/1/2009		6/30/2009	
	Note: (1) Drawings are not included in Snapshot Plan Set but are included in reports					
	(2) Consultant Team draft due May 1					