PCEP INITAIL OPERATIONAL HAZARD ANALYSIS FROM 10-19-21 WORKSHOP

32	31	30	29	28	27	Hazard No.				
Facilities	Trackway	Trackway	Trackway	Trackway	Trackway	Certifiable Element		(
Station Platforms	Тгаскwау	Тгаскwау	Тгаскwау	Тгаскwау	Тгаскwау	Certifiable Item		4		
Electrical shock to patrons and/or employees due to loss of electrical insulation or grounding, or exposed electrical wiring.	Collision between roadway worker and train	Collision with HiRail equipment	Collision between roadway worker and train	Collision with HiRail equipment	Collision between roadway worker and train	Hazard Description		· ·		
Vandalism. Excessive wear. Improper wiring.	Working on ROW without permit	Jumpering rail to keep circuit intact when rail is being replaced	Jumpening rail to keep circuit intact when rail is being replaced	HiRail Equipment that doesn't shunt track	Improper worker protection	Potential Cause	IVC, IVD, IVE	IE, IIE, IIID, IIIE, IVA, IVB	ID, IIC, IID, IIIB, IIIC	IA, IB, IC, IIA, IIB, IIIA
Injury. Death. Service interruption.	Loss of life or serious injuries.	Loss of life or serious injuries.	Loss of life or serious injuries.	Loss of life or serious injuries.	Loss of life or serious injuries.	Effect/ Consequence		, IVB		A HATTAND NICK INDEX
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NEW	PENDING VERIFICATION	PENDING VERIFICATION	PENDING VERIFICATION	PENDING VERIFICATION	PENDING VERIFICATION	Existing Mitigation Measures	ACCEPTABLE	ACCEPTABLE W/ REVIEW	UNDESIRABLE	UNACCEPTABLE
Maximize use of vandal resistant materials and equipment during design. Protect electrical wiring in by concealing the conduit. Perform periodic inspections and preventive maintenance. Increase security surveillance in areas prone to vandalism. Provide 24/7 CCTV monitoring for Station platforms. Utilize security enhancement features in design of Station platforms.	Provide procedures and periodic training to staff	Provide procedures and periodic training to staff	Provide procedures and periodic training to staff	Provide procedures and periodic training to staff	Provide procedures and periodic training to staff	Recommended Mitigation Measures	=	Balfour Beatty	To Be Resolved by SSRC	To Be Resolved by JPB Operations
To be determined prior to Installation/Construction Phase.	Provide periodic refresher training	Provide periodic refresher training	Provide periodic refresher training	Provide periodic refresher training	Provide periodic refresher training	Resolution (Safety Verification)	Acceptable with SSRC Review	Mitigation Required	Pre Existing Hazard	Hazard Eliminated
m	ΙE	ΙE	IΕ	ī	m	Residual Risk Index				
To be verified by the SSRC	EXISTING JPB HAZARD NOT RELATED TO BBII	EXISTING JPB HAZARD NOT RELATED TO BBII	EXISTING JPB HAZARD NOT RELATED TO BBII	EXISTING JPB HAZARD NOT RELATED TO BBII	EXISTING JPB HAZARD NOT RELATED TO BBII	Remarks/ Comments	A			