

RESOLUTION NO. R2015-19

Creating a Link CCTV System Upgrade Project and establishing a Lifetime and Annual Budget

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Operations and Administration Committee	09/03/2015	Recommend to Board	Bonnie Todd, Executive Director of Operations
Board	09/24/2015	Final Action	Brian Scott, Acting Operations Business Manager

PROPOSED ACTION

Amends the Adopted 2015 Annual Budget to create the Link Closed Circuit Television System Upgrade Project by (1) establishing a Project Lifetime Budget in the amount of \$700,000 and (2) establishing a 2015 Annual Project Budget of \$700,000.

KEY FEATURES SUMMARY

- The resolution establishes the lifetime and annual budget for the Link Closed Circuit Television (CCTV) Upgrade Project. The project will provide upgraded hardware and software equipment at 16 locations along the current Link alignment, including the operations and maintenance facility and Pine Street stub tunnel to ensure reliable streaming video and video storage capacity.
- The Link CCTV system is integrated into the light rail SCADA, train operating system, and allows the Link Control Center staff to monitor multiple locations throughout the Link rail system in real time and respond accordingly.
- The current CCTV system was installed and commissioned in 2007 for the initial Link segment. This is a legacy system which has reached end of life and is no longer supported by the original equipment manufacturer.
- New hardware and software equipment, including storage servers, are required to bring the system back to a supportable condition and to remain fully compatible with the latest versions of the CCTV software and equipment. The upgrade will be to the same standard planned for the new CCTV system along the Link extensions, at University of Washington, Capitol Hill, and South 200th Angle Lake Stations.
- An upgrade to the existing CCTV system was dependent on the CCTV equipment selected for the Link extensions, which wasn't finalized until late 2014. Therefore the 2015 budget did not include the CCTV upgrade project request for the initial segment. Now that the type of equipment has been determined it is possible to upgrade the entire Link CCTV system to ensure compatibility and consistency.
- Sound Transit will issue a request for bids with a goal of having the installation of the CCTV upgrade complete by the end of this year.
- This project upgrades an existing asset or system and therefore is exempt from the Agency's Phase Gate process.

BACKGROUND

The current CCTV system has been in operation since the DSTT reopened in 2007. The Link Control Center and Sound Transit Security monitor the CCTV system for operations and public safety. The CCTV video recordings are critical for accident and security investigations and Freedom of Information Requests.

Existing system components and associated software are no longer supported by the original equipment manufacturer, NiceVision. Spare parts and service are no longer available for this legacy system. Due to the lack of support and spare parts for the old equipment, the CCTV system is degrading.

Additionally the new University Link and South 200th Extensions are being built with a new generation NiceVision CCTV system. The upgrade to the initial segment will result in a Link CCTV system that is current and supportable across the entire system.

The 16 stations/locations to be upgraded are: International District, Pioneer Square, University, Westlake, Convention Place, Airport, Beacon Hill, Mt. Baker, Tukwila International Blvd., Columbia, Othello, Rainer Beach, SODO, and Stadium stations as well as Link Operations and Maintenance Facility and Pine Street.

FISCAL INFORMATION

This action creates the Link CCTV Upgrade Project and establishes the lifetime and annual budget of \$700,000 for the project. The upgrade of the existing aged CCTV system in conjunction with the implementation of similar technology allows for a cost efficient and seamless integration of University Link and South 200th Link extensions into the Link light rail CCTV system.

The action is fully funded within agency resources.

Phase	2015 Annual Budget			Lifetime Budget		
	2015 TIP	2015 Revision	Revised 2015 TIP	Lifetime Budget	Requested Amendment	Revised Lifetime Budget
Agency Administration		-	-	-	-	-
Preliminary Engineering		-	-	-	-	-
Final Design		-	-	-	-	-
3rd Party		-	-	-	-	-
Right of Way		-	-	-	-	-
Construction		700	700	-	700	700
Construction Management		-	-	-	-	-
Vehicles		-	-	-	-	-
Contingency		-	-	-	-	-
Total Project Budget	\$ -	\$ 700	\$ 700	\$ -	\$ 700	\$ 700

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

Not applicable to this action.

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one-month delay would not create a significant impact to the project schedule.

ENVIRONMENTAL REVIEW

JI 8/20/2015

LEGAL REVIEW

JW 8/28/2015

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A RESOLUTION of the Board of the Central Puget Sound Regional Transit Authority amending the Adopted 2015 Annual Budget to create the Link Closed Circuit Television System Upgrade Project by (1) establishing a Project Lifetime Budget in the amount of \$700,000 and (2) establishing a 2015 Annual Project Budget of \$700,000.

WHEREAS, the Central Puget Sound Regional Transit Authority, commonly known as Sound Transit, was formed under RCW Chapters 81.104 and 81.112 for the Pierce, King, and Snohomish Counties region by action of their respective county councils pursuant to RCW 81.112.030; and

WHEREAS, Sound Transit is authorized to plan, construct, and permanently operate a high-capacity system of transportation infrastructure and services to meet regional public transportation needs in the Central Puget Sound region; and

WHEREAS, in general elections held within the Central Puget Sound Regional Transit Authority district on November 5, 1996 and November 4, 2008, voters approved local funding to implement a regional high-capacity transportation system for the Central Puget Sound region; and

WHEREAS, the Link Closed Circuit Television System (CCTV) system is integrated into the light rail SCADA, train operating system, and allows the Link Control Center staff to monitor multiple locations throughout the Link rail system in real time and respond accordingly; and

WHEREAS, Sound Transit Security monitors the CCTV system for public safety, and CCTV video recordings are critical for accident and security investigations and Freedom of Information Requests; and

WHEREAS, the current CCTV system was installed and commissioned in 2007 for the initial Link segment and is now a legacy system which has reached end of life and is no longer supported by the original equipment manufacturer; and

WHEREAS, due to the lack of continuing manufacturing support and available spare parts, the CCTV system is degrading; and

WHEREAS, new hardware and software equipment, including storage servers, are required to bring the system back to a supportable condition and to be the same standard as planned for the CCTV system along the Link extensions, at University of Washington, Capitol Hill, and South 200th Angle Lake Stations; and

WHEREAS, this project upgrades an existing asset or system and therefore is exempt from the Agency's Phase Gate process.

NOW, THEREFORE, BE IT RESOLVED by the Board of the Central Puget Sound Regional Transit Authority that the Adopted 2015 Annual Budget is amended to create the Link Closed Circuit Television System Upgrade Project by (1) establishing a Project Lifetime Budget in the amount of \$700,000 and (2) establishing a 2015 Annual Project Budget of \$700,000.

ADOPTED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on _____.

Dow Constantine
Board Chair

ATTEST:

Kathryn Flores
Board Administrator

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ADOPTED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on September 24, 2015.



Dow Constantine
Board Chair

ATTEST:



Kathryn Flores
Board Administrator