

FSILG Facilities Renewal

AILG Plenary

November 18, 2021



Massachusetts Institute of Technology
Association of Independent Living Groups

FSILG Facilities Renewal

- **FSILG Facilities Renewal Committee** - Joint AILG/DSL committee approved as AILG ad-hoc committee in November 2018.
- Committee Charge: To promote and support implementation of the physical renewal of the Fraternities, Sororities and Independent Living Groups (FSILGs) to ensure they remain vital and vibrant resources to MIT students by implementing the the recommendations of the 2018 facilities assessments.
- **Our goal: To make it easy and affordable for organizations**
- Focused on identifying potential life-safety systems community-wide projects
- Project Manager will complete detailed survey and oversee program



FSILG Facilities Renewal Committee

- Pam Gannon '84, Chair, Director of FSILG Alumni Programs, DSL; IRDF Grant Advisory Board
- Eric Cigan '83, AILG Treasurer
- Tom Stohlman '76, '77, MAR '78, AILG Facilities Committee Chair
- Bob Ferrara '67, AILG IT Committee Co-Chair, former Senior Director, DSL
- Scott Klemm, Executive Director, FSILG Cooperative, Inc. (FCI)
- Josh Schuler SM' '00, AILG Building Safety Facilitator, FCI Director of Facilities
- Brad Badgley, Associate Dean and Director of FSILGs, DSL
- David Friedrich, Senior Associate Dean, Housing and Residential Services, DSL



Benefits of Community-Wide Projects

- Model used successfully in the past for improvements - MIT fiber optic, wired and wireless upgrades, and CO monitoring
- Utilize economy of scale
- Support house corporations, in particular those with remote members who need on-site assistance
- Lower the barriers to participation
- Generate standards across the system
- Leverage IRDF resources



FSILG Life-Safety Improvement Program (FLIP)

Identified life-safety systems improvement opportunities common to all houses:

Phase 1: Egress doors and hardware

Phase 2: Fire alarm upgrades

Phase 3: Sprinkler system upgrades

Progress To Date: Phase 1 Egress Doors and Hardware

- Defined scope of work
- Hired Project Manager
- Pilot Houses
 - Conducted surveys & cost estimation
 - Fine-tuned reports
 - Reviewed priorities: Most Urgent/Required, Less Urgent/Optional
- Community Meeting (recording available)
- Completing house surveys



Example Appendix A: Existing Conditions

APPENDIX A: Existing Conditions Survey

House	Door No.	No. Drs.	Door Type	Room Name	Rating	Knob Type	Keyed	Lock Type	Dead bolt	Mag. Hold	Closer	Accessible	Finish	Swing	Trim	Notes	
	000	CA	1	Metal	Hallway	None	Handle	No	None	No	No	Closer	No	Satin Nickel	In Direction of Travel	Wood	magnetic hold recommended, on evacuation route
	000	CA ext	1	Metal With Glass	Entrance/Exit	None	Lever	Yes	Keypad	No	No	Closer	No	Satin Nickel	In Direction of Travel	Metal	rusted frame, on evacuation route, replace door and frame
	000	CB	1	Wood - Paneled	Hallway	None	Lever	No	None	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	magnetic hold recommended, on evacuation route, add closer
	001		1	Wood - Paneled	Laundry	None	Lever	No	None	No	No	None	No	Satin Nickel	In Direction of Travel	Metal	add closer, blocks egress when opened
	003		1	Wood - Paneled	Bath	None	Lever	Yes	Push Button	No	No	None	No	Satin Nickel	In Allowed Direction	Wood	add closer
	004		1	Wood - Paneled	Boiler/Mechanical	None	Lever	No	None	No	No	None	No	Satin Nickel	In Direction of Travel	Metal	add closer, blocks egress when opened
	008		1	Wood - Paneled	Food Service	None	Lever	No	None	No	No	Closer	No	Satin Nickel	In Allowed Direction	Wood	loose lever, broken closer
	009		1	Wood - Paneled	Food Service	None	Lever	No	None	No	No	Closer	No	Satin Nickel	In Direction of Travel	Wood	magnetic hold recommended, loose lever repair trim
	100	LA	2	Wood With Glass	Hallway	None	Knob	No	None	No	No	Closer	No	Brass	In Direction of Travel	Wood	magnetic hold recommended, on evacuation route
	100	LA ext	1	Wood - Paneled	Entrance/Exit	None	Lever	Yes	Keypad	No	No	Closer	No	Bronze	In Direction of Travel	Wood	on evacuation route
	100	SA	1	Wood - Paneled	Stair	None	Handle	No	None	No	No	Closer	No	Satin Nickel	In Direction of Travel	Wood	magnetic hold recommended, reverse swing, on evacuation route
	101		2	Wood - Paneled	Dining	None	Knob	No	None	No	No	None	No	Glass/Brass	In Direction of Travel	Wood	loose knob, on evacuation route, add closer
	102		1	Wood - Paneled	Closet	None	Lever	No	None	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	add closer
	105		1	Wood - Paneled	Closet	None	Lever	No	None	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	add closer
	106		0	Missing	Food Service	None	Missing	No	None	No	No	None	No	N/A	N/A	Wood	add door, lever, closer
	200	CA	2	Wood With Glass	Hallway	None	Lever	No	None	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	remove doors - block egress, on evacuation route
	200	SA	1	Wood - Paneled	Storage	None	Handle	No	None	No	No	Closer	No	Satin Nickel	In Direction of Travel	Wood	adjust door, on evacuation route
	201		2	Wood - Paneled	Study/Living	None	Knob	No	None	No	No	None	No	Glass/Brass	In Direction of Travel	Wood	on evacuation route, add closer
	203		1	Wood - Paneled	Sleeping	None	Lever	Yes	Turn Button	No	No	None	No	Satin Nickel	In Allowed Direction	Wood	add closer
	204		1	Wood - Paneled	Study/Living	None	Lever	Yes	Turn Button	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	remove lock, on evacuation route, add closer
	207		1	Wood - Paneled	Bath	None	Handle	No	None	No	No	Closer	No	Satin Nickel	In Allowed Direction	Wood	patch hole in door
	208		1	Wood - Paneled	Storage	None	Lever	No	None	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	add closer
	300	SA	1	Wood - Paneled	Stair	None	Handle	No	None	No	No	Closer	No	Satin Nickel	In Direction of Travel	Wood	adjust door, on evacuation route, add closer
	301		1	Wood - Paneled	Sleeping	None	Lever	Yes	Turn Button	No	No	None	No	Satin Nickel	Not in Direction of Travel	Wood	remove lock, reverse swing, on evacuation route, add closer
	304		1	Wood - Paneled	Sleeping	None	Lever	Yes	Turn Button	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	add closer, blocks egress when opened
	305		1	Wood - Paneled	Sleeping	None	Lever	Yes	Turn Button	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	add closer
	307		1	Wood - Paneled	Bath	None	Handle	No	None	No	No	None	No	Satin Nickel	In Allowed Direction	Wood	add closer
	309		1	Wood - Paneled	Closet	None	Lever	No	None	No	No	None	No	Satin Nickel	In Direction of Travel	Wood	add closer



Example: Total Costs

Costs

Refer to APPENDIX B: Prioritized Recommended Improvements with Costs for details on the improvement costs summarized by priority. The cost of the prioritized items:

■ Priority I: Most Urgent/Necessary	\$	14,906
■ Priority II: Less Urgent/Optional	\$	4,881
Total Recommended Improvements	\$	19,787
Potential Cost	\$	4,947

Note: Costs may vary from this estimate due to inflation, supply issues, and/or further development of the scope of work at each door location.

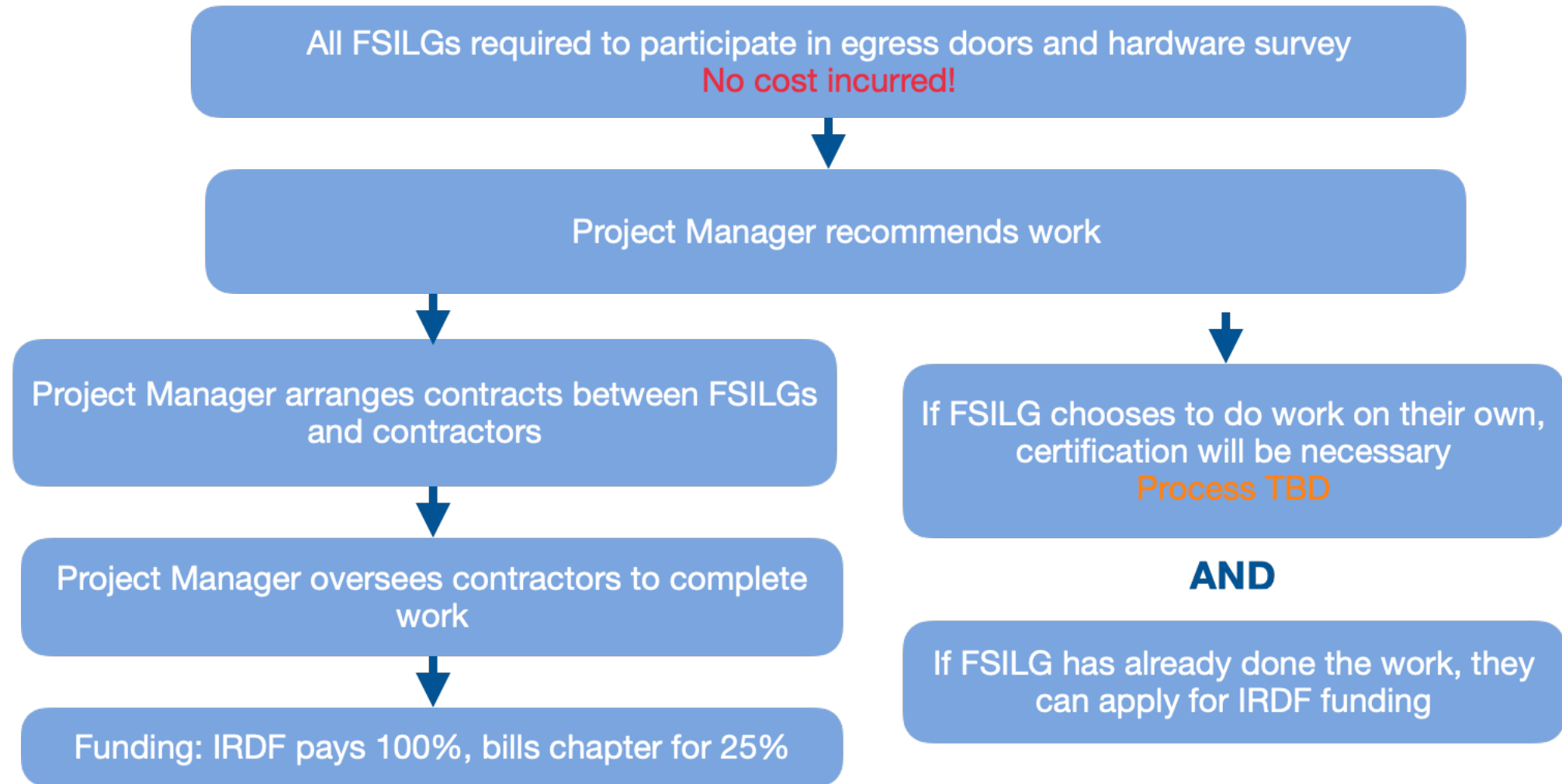


Funding for Phase 1: Egress Doors and Hardware

- IRDF covering expense of project manager + surveys of each house: 100%
- IRDF covering project cost at safety percentage: 75% IRDF, 25% house



FLIP Phase 1: Doors and Egress



Next Steps

- Complete house surveys
- Pilot houses (and maybe additional houses)
 - Bid projects
 - Complete projects
- Remaining houses
 - Bid projects
 - Complete projects

