



ADELANTE
Moving Forward

Home Improvements Update

Elyria-Swansea Neighborhood

Denver City Council
Safety Committee

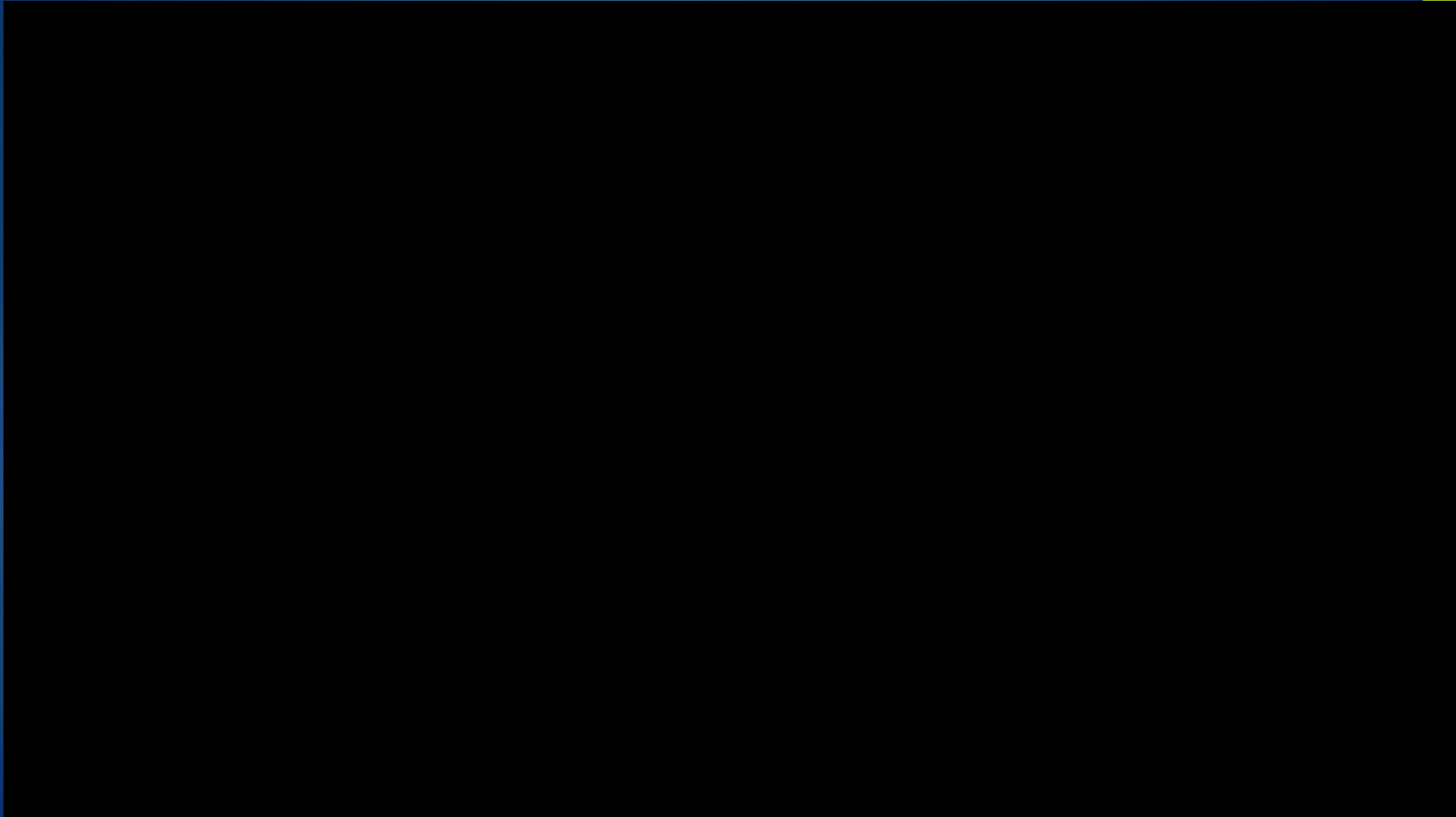
AUGUST 1, 2018



Background

- City of Denver and CDOT IGA
 - Nov. 1, 2017 to Dec. 31, 2018
- CDOT Package of Improvements: \$2.3M
- CCD Package of Improvements: \$1.45M
- CREA Results provided door-to-door outreach
- Energy Outreach Colorado coordinating work
- Mile High Youth Corps, Energy Resource Center, and Groundwork Denver providing assessments and installations
 - All participating homes received a comprehensive, personalized assessment

Home Improvements Video



Doors and Windows

▶ Exterior Doors (Denver)

- Fiberglass doors with wood core

▶ Windows (Denver and CDOT)

- Two options: interior storm windows or external windows
- Residents choose one or both, depending on home assessment and personal preference



Windows

▶ Interior Sound Dampening Windows (CDOT)

- Interior sound dampening windows manufactured by sound proofing company that specifically manufactures windows for high-transit areas and home studio applications
- Custom-sized; and the program installed an average of 5 per home
- 3" gap between external and internal panes provides maximum sound dampening and decibel reduction (up to 50 decibels depending on conditions)

▶ New Double Hung Windows (Denver)

- Double-paned, Energy Star
- Between 7-8 per home
- Custom-ordered for each home; maximizes air and dust sealing
- Sound reduction ranges between 26 to 32 decibels

Cooling and HVAC

▶ Portable or window-mounted A/C units (CDOT)

- Allows residents to stay comfortable with windows closed
- Includes \$25/mo. utility credit applied directly to Xcel bill for duration of Central 70 construction
- Credit begins on August billing cycle

▶ HVAC (Denver)

- New, efficient furnaces provided when needed to replace extremely old, leaking and/or inefficient systems
- New whole-house air conditioning systems provided, depending on home assessment



Safety and Energy Efficiency Measures

- ▶ Smoke detectors (CDOT)
- ▶ Carbon monoxide detectors (CDOT)
- ▶ Programmable thermostat (CDOT)
- ▶ Furnace filter (CDOT)
 - Filters dust from interior air exchange
- ▶ Low-flow plumbing fixtures (EOC)
- ▶ LED light bulbs (EOC)
- ▶ Energy Star refrigerators (EOC)



Insulation and Weatherization

- ▶ **Attic Insulation (CDOT)**
 - Cellulose insulation: denser option that maximizes sound reduction
 - Provides better insulation than in many new homes
 - Provides Energy Star rating of R49 or better
- ▶ **Caulking and weather stripping along doors and windows (CDOT)**



Safety Concerns

Safety Concerns have been identified in 28 percent of homes

- Gas leaks/CO leaks
- Holes in roof
- Severe plumbing leaks
- Knob and tube electrical
- Old, failing and non-existent furnaces
- Old, failing and leaking water heaters

Emergency repairs addressed by the team ASAP



Assessment Status

Total Eligible Homes	284
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Completed	241
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In Progress	6
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Scheduled	2
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Not participating	35
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Improvements Received as of 7/25/18

247 homes 1,173 separate jobs	HVAC (Denver)	Windows and Doors (Denver)	Soundproof Windows (CDOT)	Air Sealing (CDOT)	Attic Insulation (CDOT)	Direct Installs (CDOT & EOC/Xcel)	Air Conditioners (CDOT)
Jobs waiting	64	1	6	3	3	2	3
Jobs in process	5	42	102	3	2	2	8
Jobs completed	81	120	52	79	135	241	219
Total jobs to date	150	163	160	85	140	245	230

Next Steps

- ▶ Complete installation of storm windows
- ▶ Address new homes that have come into program
- ▶ Final installation of Denver improvements
- ▶ Final close out visits