



CIOSI: Bulk Trash Placement for Alley Access Control Program





Presentation Overview

- Background
- Operational Challenges
- Summary
- Seeking Council Feedback



Background

- May 11, 2021, CIOSI Requested by Council Member Turner
- June 22, 2021, Council Workshop
 - Purpose: To get Council direction on the placement of bulk trash in closed alleyways



History

- Workshop June 2016
 - Staff suggested moving all services to curbside but was not recommended as it would not control illegal dumping in the alleys
 - Pilot program approved which included bulk trash to curbside
- Approximately 97% of Glendale households currently receive bulk trash collection curbside



Past Service Equipment





Current Service Equipment





Background: Alley Dimensions





Operational Challenges





Background: Refuse Collection



Dump service ends with the container 2 to 3 feet above the vehicle.

Dump service pick up starts with the bottom of the container tilting away from the vehicle.



Background: Refuse Collection





Background: Refuse Collection





Enforcement: Illegal Dumping



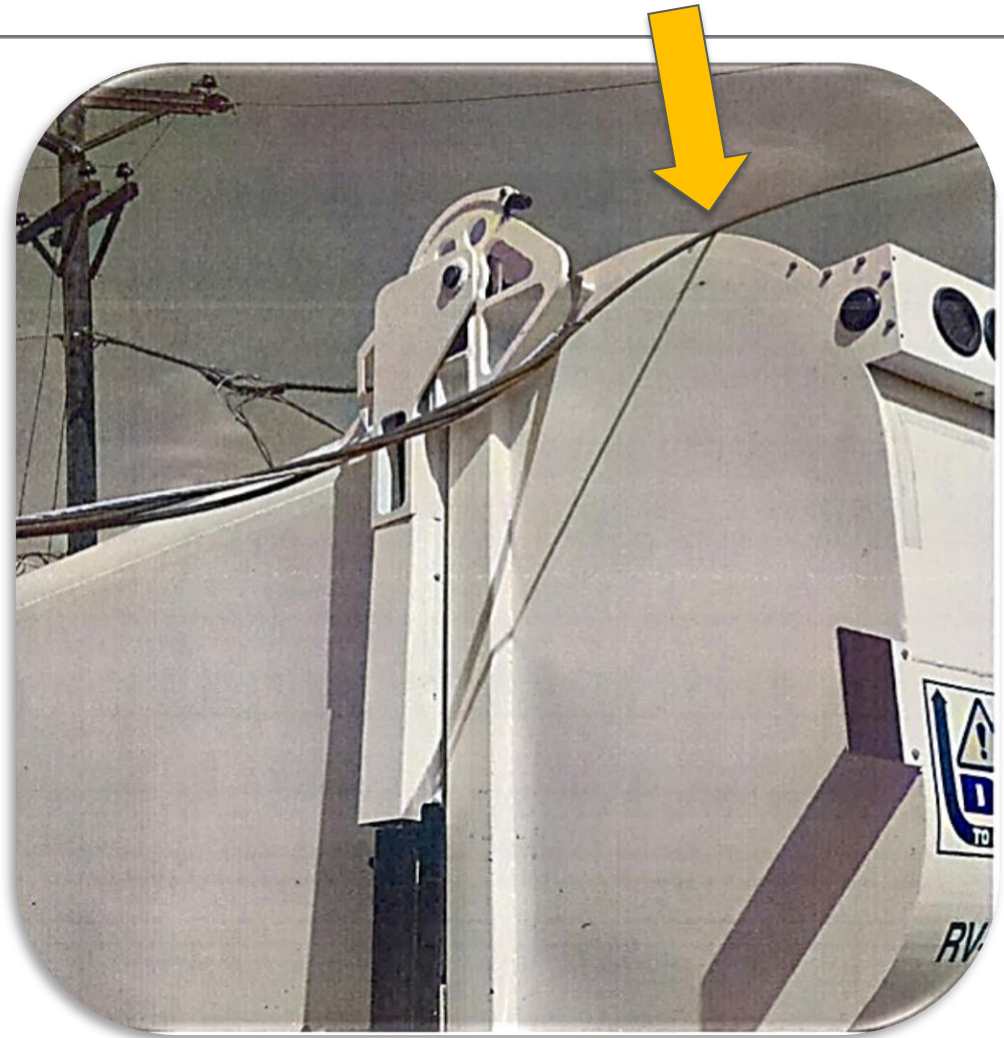


Enforcement: Illegal Dumping





Actual Incident



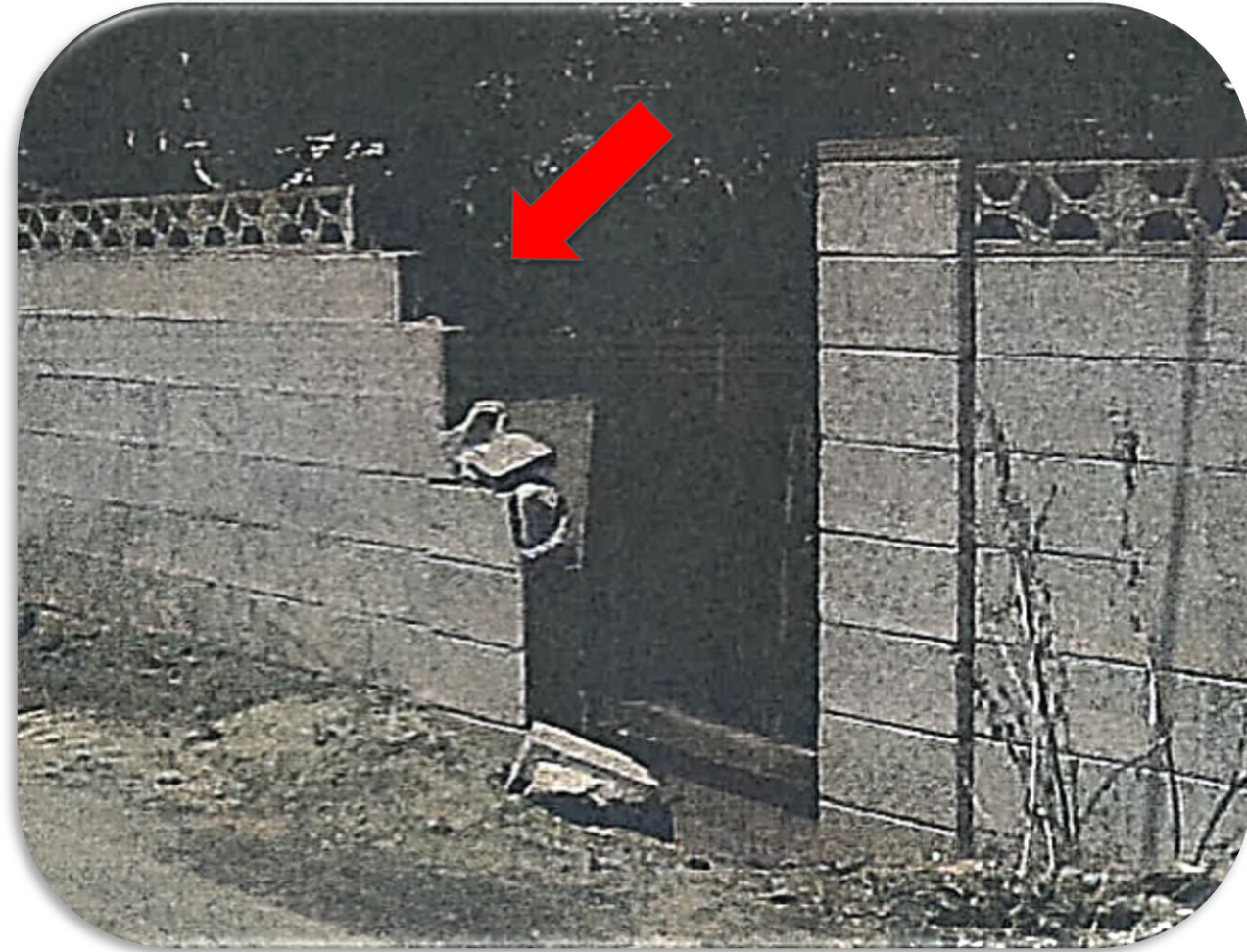


Actual Incident





Actual Incident





Actual Incident



Utility Pole Shadow




Actual Incident





Safety Assessment

 City of Glendale Alley Safety Hazard Report	
Date:	
Alley Address/Cross Streets:	
District:	
<u>Hazards Observed</u>	<u>Nuisance Activities Observed</u>
Low Hanging Powerlines:	Illegal Dumping:
Low Hanging Telecom Lines:	Graffiti:
Road Damage:	Homeless:
Easement Damage:	Sanitation:
Overgrown vegetation:	Illegal Parking/Abandoned Vehicle:
Access/Egress Visibility:	Criminal Other:
Unprotected Gas Regulators/Lines:	
Unprotected Utility Boxes: X	
Damaged/Leaning Utility Poles:	
Resident Exposed Wiring:	
Utility Exposed Wiring:	
Other:	

Click to add text

SAMPLE FORM

 City of Glendale Alley Safety Hazard Report	
Department:	Field Operations
Division:	Solid Waste
Services:	
Address or Location:	
Description of Safety Hazard(s):	
Employee(s) Reporting Hazard:	B
Photo Number:	1
Photo Description:	This is an aerial view of the alley that was inspected.
GPS:	
Photo Number:	2
Photo Description:	This is a photograph of an unprotected telecom box.



Potential Hazards: Restrictions





Potential Hazards



Utility Pole

Pinch Point

Utility Pole Tie Down



Potential Hazards





Potential Hazards






Potential Hazard

Mattress with two people sleeping during bulk trash collection





Safety Assessment

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Easement Damage:	Vandalism:
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Access/Egress Visibility:	Criminal Activity:
Unprotected Gas Regulators/Lines:	
Unprotected Utility Boxes: X	
Damaged/Leaning Utility Poles:	
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Other:	

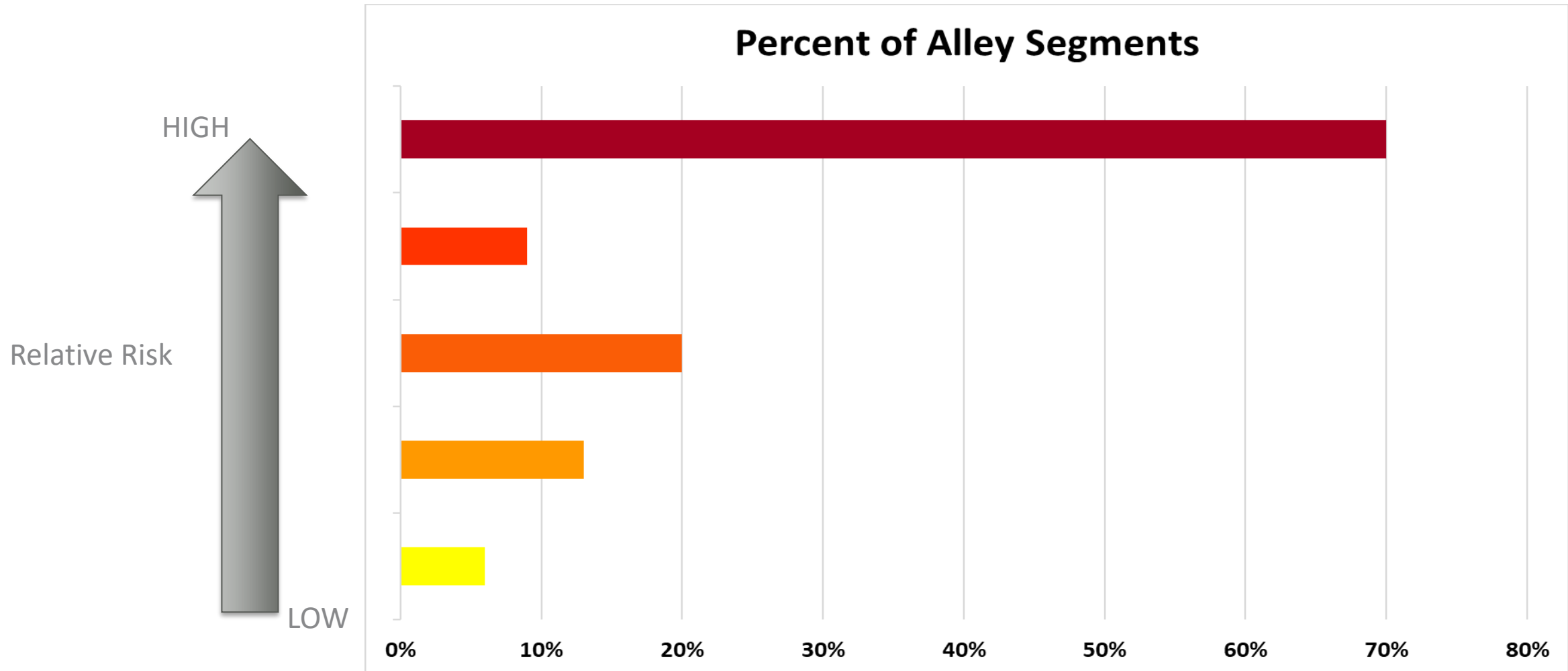
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SAMPLE FORM



Alley Safety Hazard Assessment Results





Power Lines and Safety Restrictions

- Arizona Law - A.R.S §40-360.41 through 45
 - Requires minimum clearance of **ten (10) feet** be maintained between an energized power line of up to 50 kV and a piece of mechanical equipment, its load and any attachments such as “tag lines”.
 - <https://www.azleg.gov/viewdocument/?docName=https://www.azleg.gov/ars/40/00360-42.htm>



Efficiency Alley vs. Street Collection

- Minimum of 3 additional minutes per pile to service in alley
- Approximately \$105,000 additional cost to rate payers
- Inconvenience
- Higher risk to our staff and public

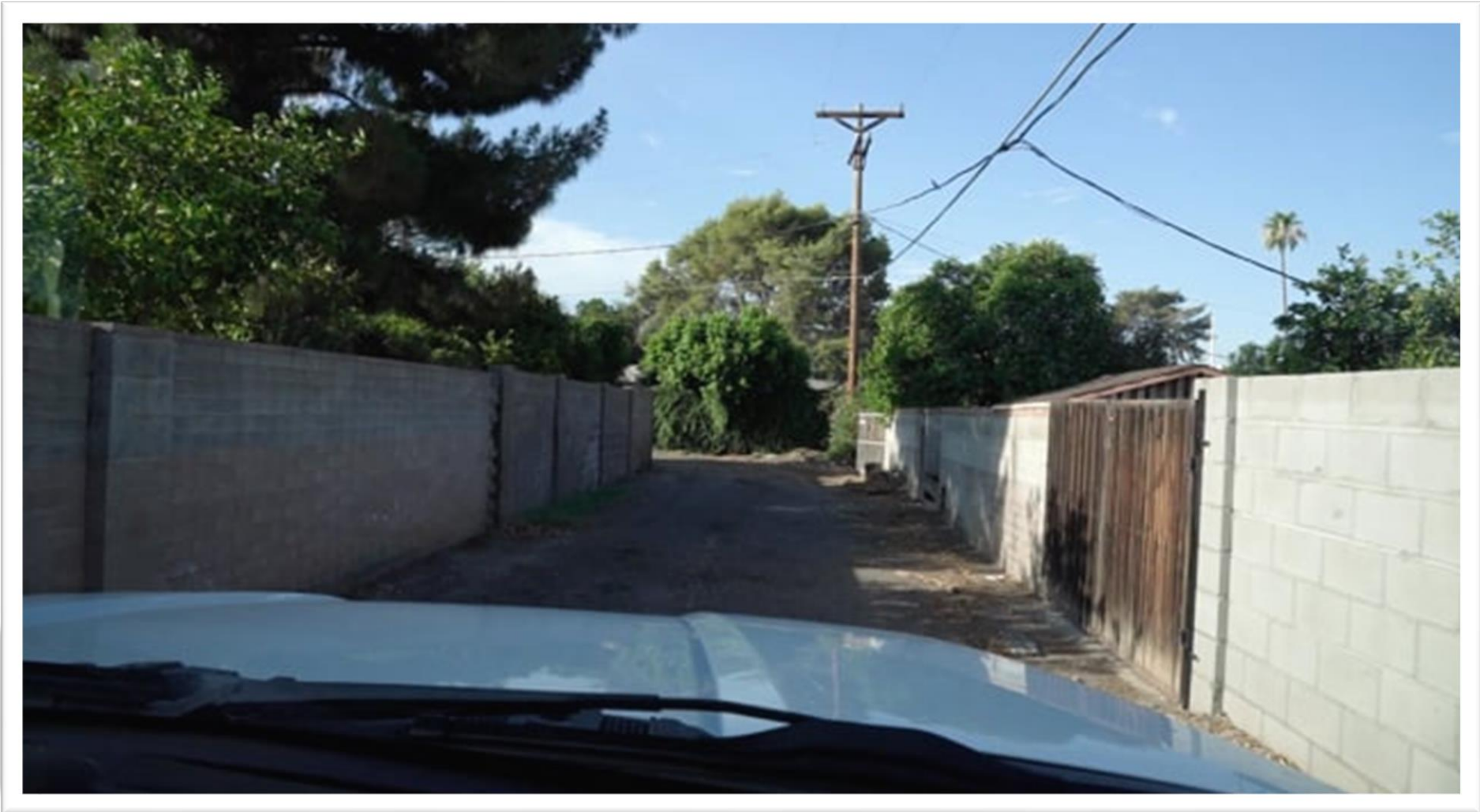


Summary





Video





Curbside Collection





Summary

- Implementation Program
- Council Feedback