

# NORTHWEST FENCE LINE SURVEY RESULTS



**King County**  
International Airport  
Boeing Field

# Airport-standard Chain Link Fence

## Description:

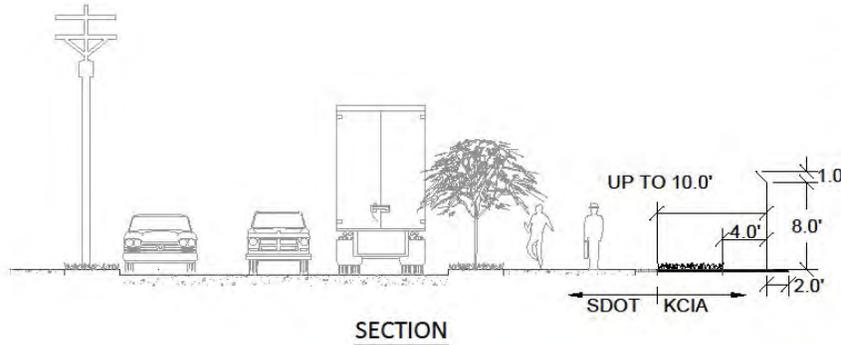
- 8'-0" tall, black vinyl-coated fence fabric, posts, and hardware
- Posts on 10'-0" centers, 2 1/2" diameter
- 3-strand barbed wire outrigger or equivalent anti-climb topper

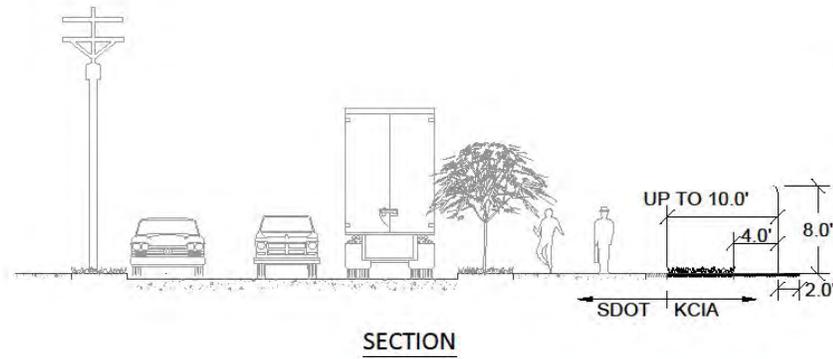
## Benefits:

- Extremely clear visibility through the fence fabric
- Repairs can be done rapidly and without specialized labor
- Materials for repair/replacement are readily available
- Lowest cost of all options

## Community Concerns and Cons:

- Industrial appearance
- Can be cut with hand tools eventually
- Can be climbed if the topper is defeated





# Picket-style Fence

## Description:

- 8'-0" tall, black powder-coated pickets. Pickets can be outcurving or straight, and can be square cross section or shaped
- Posts on 10'-0" centers, though this can vary by manufacturer
- Anti-climb finials

## Benefits:

- Extremely difficult to climb
- Delayed entry with tool attacks
- Damaged sections can be repaired fairly quickly *if spare panels are on hand*

## Community Concerns and Cons:

- Less visibility through the fence than chain link
- At least three times as costly as chain link
- Not stocked locally



# Welded Wire Fence

## Description:

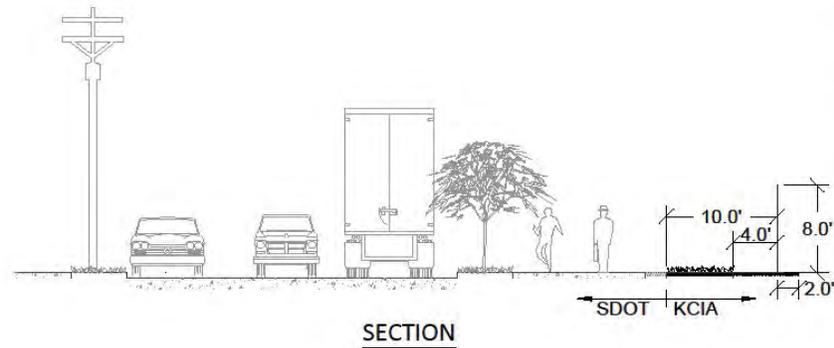
- 8'-0" tall, black powder-coated welded wire mesh.
- Posts on 10'-0" centers, though this can vary by manufacturer
- Wire mesh extends above top rail to create spikes, and additional toppers may be used

## Benefits:

- Extremely difficult to climb
- Delayed entry with tool attacks
- Damaged sections can be repaired fairly quickly if spare panels are on hand

## Community Concerns and Cons:

- Visibility close to that achieved by chain link, but photography is not possible through the fence.
- At least three times as costly as chain link
- Not stocked locally



SECTION



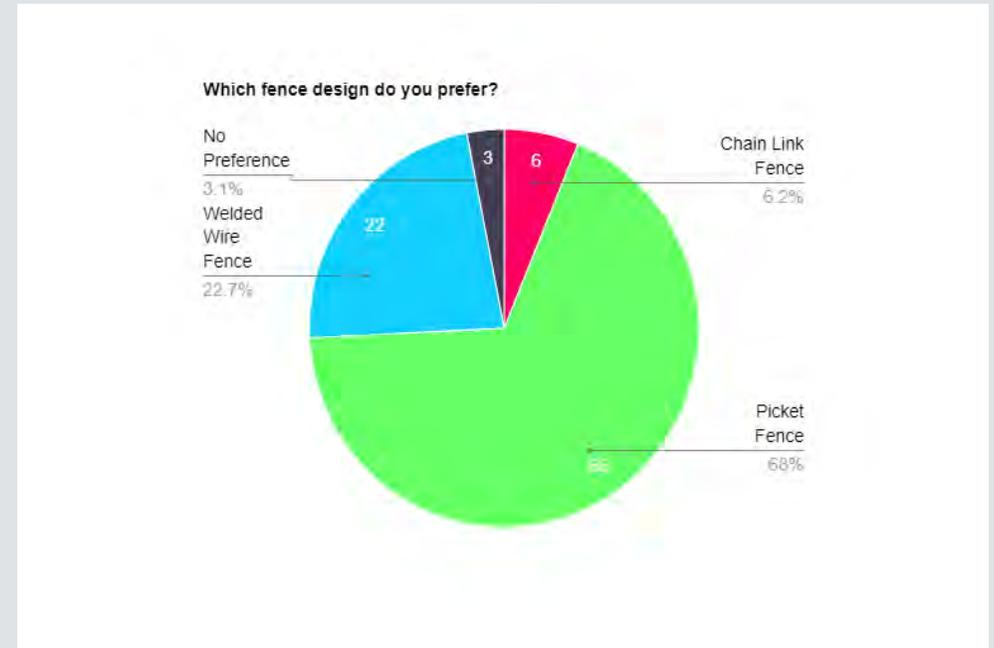
**Chain Link Fence: 6 votes = 6.2%**

**Picket Fence: 66 votes = 68%**

**Welded Wire Fence: 22 votes = 22.7%**

**No Preference: 3 votes = 3.1%**

**97 Responses**



**WHICH FENCE DESIGN DO YOU PREFER?**

- **Visually Pleasing:** most people picked a visually pleasing fence as their 1<sup>st</sup> choice.
- **Visibility:** most people picked visibility through the fence as their 2<sup>nd</sup> choice.
- **Cost:** most people picked cost of the fence as their 3<sup>rd</sup> Choice.
- **Matching the existing fence at KCIA:** most people picked this as their 4<sup>th</sup> choice.

**37 Responses**

**WHEN THINKING OF KCIA'S NORTHWEST  
FENCE LINE: PLEASE RANK THE  
FOLLOWING CRITERIA**



**King County**  
International Airport  
Boeing Field

**King County Website or Social Media: 47 votes = 52.8%**

**Georgetown Gazette: 2 votes = 2.2%**

**Georgetown Community Council: 20 votes = 22.5%**

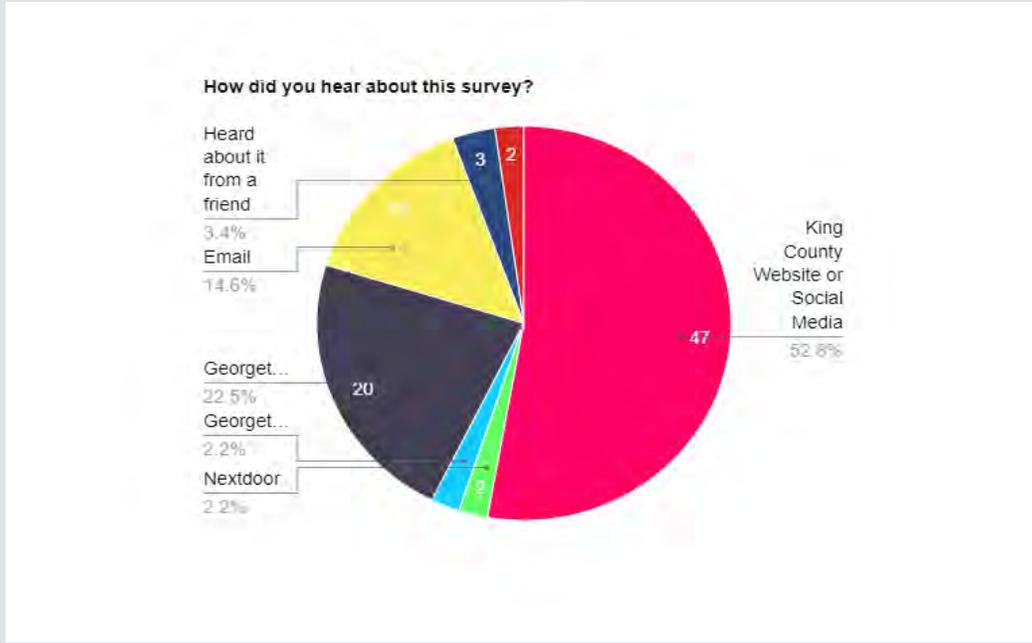
**Nextdoor: 2 votes = 2.2%**

**Email: 13 votes = 14.6%**

**Heard about it from a friend: 3 votes = 3.4%**

**Other: 2 votes = 2.2%**

**89 Responses**



# HOW DID YOU HEAR ABOUT THIS SURVEY?

\*On a scale of 1-5 (1 being low priority & 5 being the highest priority). Based on the 1-5 scale, the average priority of incorporating artwork into the remaining fence section is 4.4 out 5 stars.

**One Star: 1 votes = 29.7%**

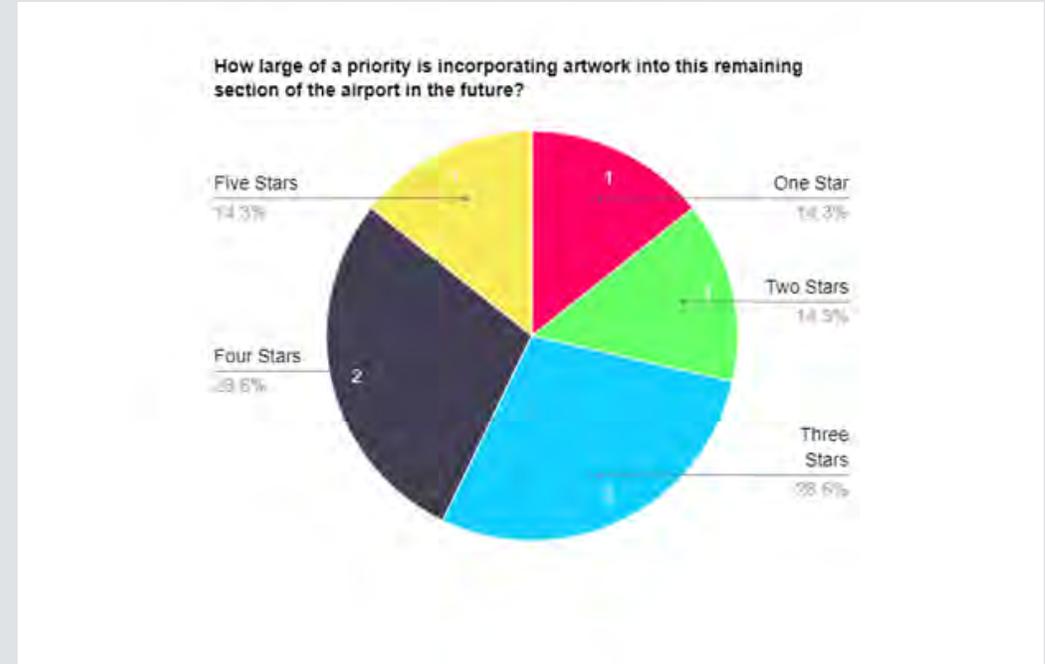
**Two Stars: 4 votes = 10.8%**

**Three Stars: 9 votes = 24.3%**

**Four Stars: 7 votes = 18.9%**

**Five Stars: 6 votes = 16.2%**

**37 Responses**



**HOW LARGE OF A PRIORITY IS  
INCORPORATING ARTWORK INTO THIS  
REMAINING SECTION OF THE AIRPORT IN  
THE FUTURE?**



**King County**  
International Airport  
Boeing Field

**Beacon Hill: 2 votes = 2.2%**

**Columbia City: 1 vote = 1.1%**

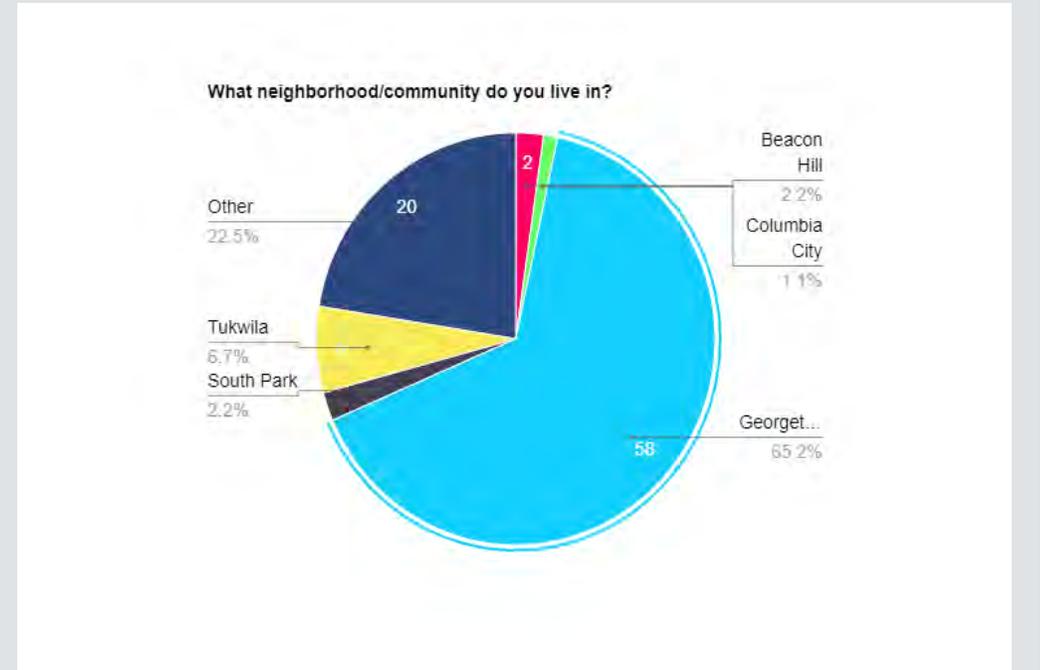
**Georgetown: 58 votes = 65.2%**

**South Park: 2 votes = 2.2%**

**Tukwila: 6 votes = 6.7%**

**Other: 20 votes = 22.5%**

**89 Responses**



**WHAT NEIGHBORHOOD/COMMUNITY  
DO YOU LIVE IN?**



**King County**  
International Airport  
Boeing Field

## COMMENTS FROM THE COMMUNITY

“Any are fine, would be nice if we could have some holes for camera lenses to see through for pics”

“Thanks for improving the neighborhood”

“Maintaining sight lines for plane spotters would be fantastic – there are not many places to watch airplanes now that the spotter lot is closed by the tower.”

“Picket style for us plane spotters please”

“it would be great to beautify the grass behind that fence and level out dirt piles to make more visually appealing”

“spotter windows?”

“Chain link provides the best view of general activity on the airport. Any plan should house holes for photographers.”

“I’m an avgeek and want to make sure future generations or geeks can see the awesome planes at BFI!”

“Please consider making small round holes in the fencing if the wire or chain link are chosen – for plane spotters. Example can be seen here: <https://images.app.goo.gl/yHCnyAtrx37HZwQ5A>”

“This could be a great opportunity for artistic expression or a living wall that reflects back on the community of Georgetown.”

“Plantings and improvements to the area inside the fence would be appreciated.”

“If possible incorporate art into other segments thanks for coming to a tough meeting (:”

# NEXT STEPS

- Report out to the community working group: February 2023
- Post Survey Results on the Airport's Website: February 2023
- Design drawings complete: April 2023
- Environmental (FAA environmental process/NEPA and ALP) – 163 request: April 2023
- Permitting (King County permitting): April 2023
- Bid documents: June 2023
- Construction: August 2023



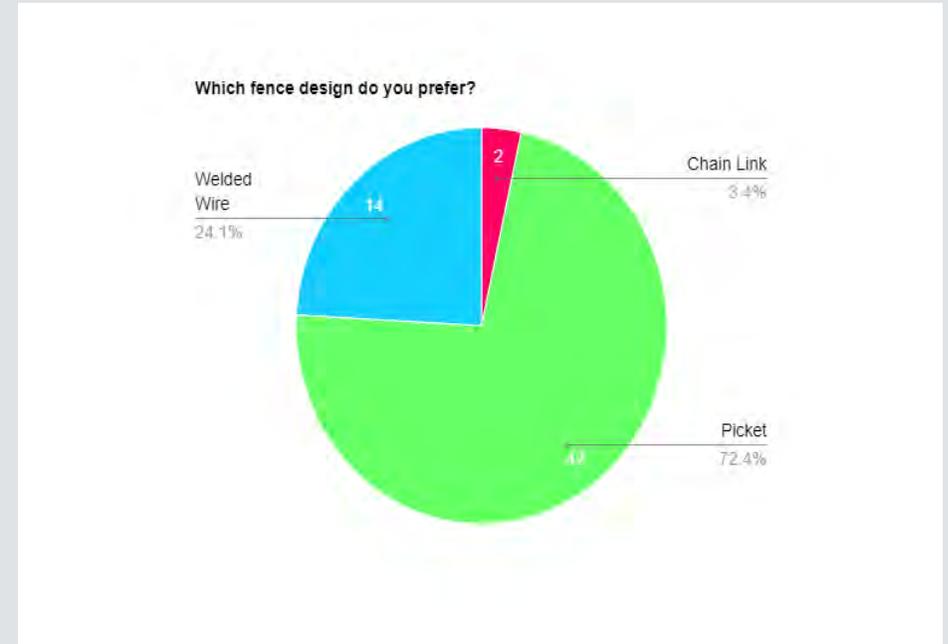
**Chain Link Fence: 2 votes = 3.4%**

**Picket Fence: 42 votes = 72.4%**

**Welded Wire Fence: 14 votes = 24.1%**

**No Preference: 0 votes = 0%**

**58 Responses**



# WHICH FENCE DESIGN DO YOU PREFER? GEORGETOWN RESIDENTS

- **Visually Pleasing:** most people picked a visually pleasing fence as their 1<sup>st</sup> choice.
- **Visibility:** most people picked visibility through the fence as their 2<sup>nd</sup> choice.
- **Cost:** most people picked cost of the fence as their 3<sup>rd</sup> Choice.
- **Matching the existing fence at KCIA:** most people picked this as their 4<sup>th</sup> choice.

**7 Responses**

**WHEN THINKING OF KCIA'S NORTHWEST  
FENCE LINE: PLEASE RANK THE  
FOLLOWING CRITERIA  
GEORGETOWN COMMUNITY**



**King County**  
International Airport  
Boeing Field

**King County Website or Social Media: 19 votes = 32.8%**

**Georgetown Gazette: 2 votes = 2.2%**

**Georgetown Community Council: 20 votes = 34.5%**

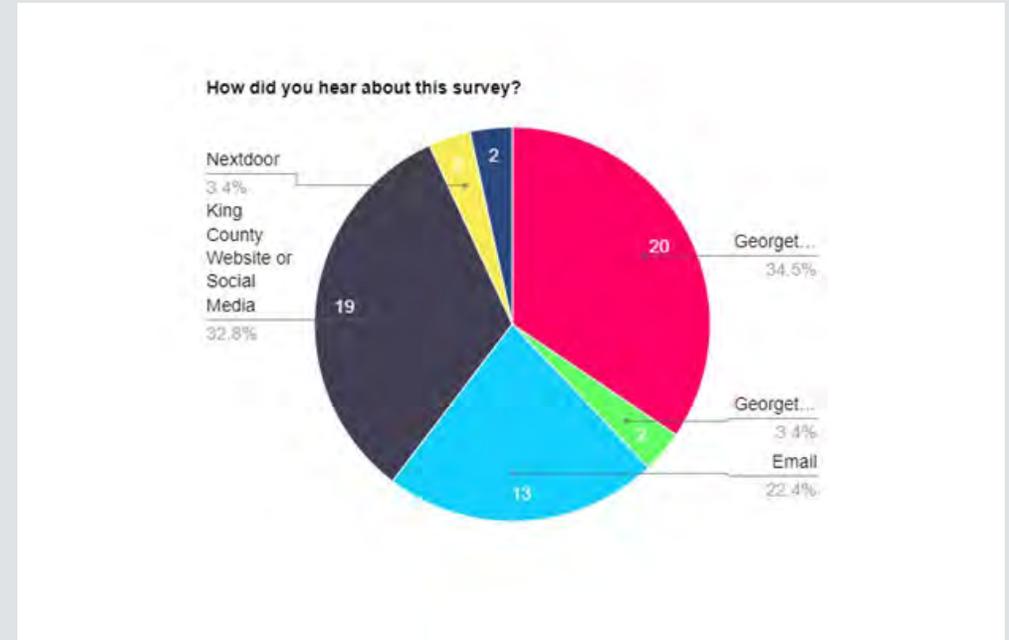
**Nextdoor: 2 votes = 3.4%**

**Email: 13 votes = 22.8%**

**Heard about it from a friend: 2 votes = 3.4%**

**Other: 0 votes = 0%**

**58 Responses**



**HOW DID YOU HEAR ABOUT THIS  
SURVEY?  
GEORGETOWN COMMUNITY**

\*On a scale of 1-5 (1 being low priority & 5 being the highest priority). Based on the 1-5 scale, the average priority of incorporating artwork into the remaining fence section is 2.81 out 5 stars.

**One Star: 1 votes = 14.3%**

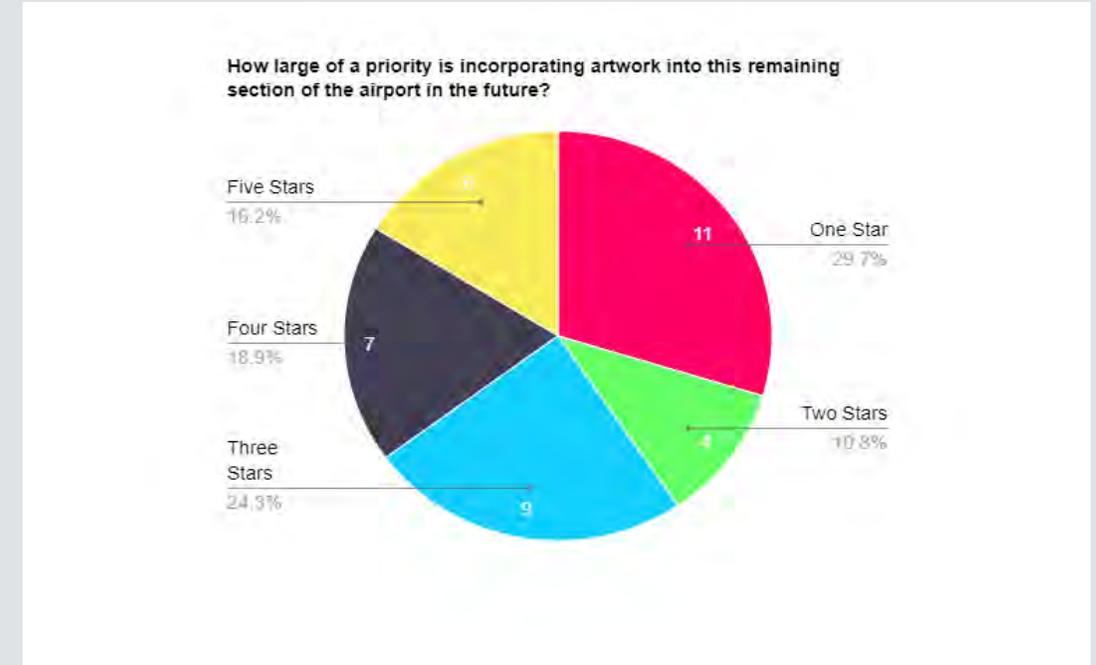
**Two Stars: 1 votes = 14.3%**

**Three Stars: 2 votes = 28.6%**

**Four Stars: 2 votes = 28.6%**

**Five Stars: 1 votes = 14.3%**

**7 Responses**



HOW LARGE OF A PRIORITY IS INCORPORATING  
ARTWORK INTO THIS REMAINING SECTION OF THE  
AIRPORT IN THE FUTURE?  
GEORGETOWN COMMUNITY



**King County**  
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Boeing Field

Between the survey and social media, KCIA received a total of 97 responses regarding this survey. Of those 97 individuals, **68% of them prefer the Picket Fence overall**. A majority of the survey participants reside in the Georgetown community however there was participation from people who lived in Beacon Hill, Columbia City, South Park, and Tukwila as well.

Many of the survey takers commented that they would like to have a spot at the fence for plane-spotting. They have recommended spaces that are large enough for a camera lens.



**SUGGESTED PATH FORWARD**

- **Background:** The King County International Airport (KCIA) owns a fence line along its northwest perimeter which abuts Ellis Avenue, S. Albro Pl., Hardy St., and S. Elizabeth St.
- **Objective:** The goal of this project is to replace that fence line with one which contributes to improving the look and feel of the Georgetown neighborhood while meeting the airport's security needs.
- **Outcome:** The results of this survey will help guide the airport's leadership in determining a final fence type and will be made available on the airport's website.

**EXPECTED OUTCOME**