

## **News Release**

### **FOR IMMEDIATE RELEASE**

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### **Student-designed bike racks installed around Arlington**

ARLINGTON- Arlington High School (AHS) students in the Advanced Engineering/Manufacturing class spent the year engineering and designing bike racks for the city of Arlington. The city was in need of new bike racks and partnered with the high school to have the students design the racks.

“We could have purchased bike racks from a company outside of the community but we wanted to keep it local,” said Sarah Lopez, Community Revitalization Project Manager with the city of Arlington. “It was important to Mayor Tolbert that we involve students in the project.”

Last fall, Lopez approached AHS Engineering/Manufacturing teacher, Collin Nelson, about the project. The students worked to design the bike racks and then had to present their ideas to city representatives. Twelve racks were chosen for the project.

“The hardest part was learning how to use the SOLIDWORKS 3D CAD design software,” said incoming AHS senior, Haylei Osborn. “I decided on a dragonfly design because its wings look like propellers and I’d like to pursue a career as a helicopter pilot.”

Once the designs were chosen, Universal Aerospace – a precision aerospace manufacturing company – donated time to cut the racks for the project. The students then put the finishing touches on the racks. The final step was to have the racks powder coated. Another local company – Powder Fab – donated its services to have the racks powder coated. The racks were installed throughout the city on July 10.

“This was truly a community effort between the city, school district and local businesses,” said Nelson. “Since the racks are permanently installed, the students will have a lasting legacy in Arlington.”



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