

# SHAFTER CSC MEETING ROOM GUIDE

 October 14, 2024

In today's meeting, CSC members will rotate through three different CERP measure tables to hear progress updates, ask questions, and share their feedback to support a funding reallocation for the low-dust nut harvester, road paving and sidewalk improvement measures.



## What is the purpose of reallocating funds?



To allocate funds to high-priority CERP measures with low funding and demonstrated need.

## How do we decide which measures to pull funding from?



Funding is reallocated from measures with little to no interest.



If there is funding remaining after a reallocation, the District will still seek opportunities to spend funding in that measure.

## TODAY'S GOAL

Support up to \$2M Reallocation from Heavy-Duty Truck Measure to other CERP Measures

## FOR \$1,000,000, WE CAN REDUCE:



**68.76**  
tons of pollution  
reduced with  
10 Low-Dust Harvesters



**32.84**  
tons of pollution  
reduced with  
5 Electric Heavy-Duty Trucks



**0.01**  
tons of pollution  
reduced with  
1.6 Mile of Road, Sidewalk,  
or Bike Lane

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## LOW-DUST NUT HARVESTER

### MEASURE GOAL

To reduce emissions by replacing older conventional nut harvesting equipment operating on agricultural land throughout the Shafter boundary with new, low-dust nut harvesting equipment.

### FUNDING ALLOCATED

**\$2.5 MILLION**

### STATUS

**COMPLETED**

25 harvesters replaced

### EMISSION REDUCTIONS ACHIEVED

**171.9 TONS**

NOx - 34.3 tons

PM2.5 - 137.6 tons

## DISCUSSION AT TABLE



Seeking support to reallocate \$1,000,000 from the heavy-duty truck replacement measure to the low-dust nut harvester measure to reduce an additional estimated 69 tons of emissions.

District plans to work with local farmers near the Shafter and La Colonia area that have expressed interest in the program.

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## ROAD PAVING, SIDEWALK INSTALLATION AND BIKE LANES

### MEASURE GOAL

To reduce dust in the community through road paving improvements and reduce vehicle miles travelled through sidewalk and bike lane improvement and construction.

### FUNDING ALLOCATED

**\$4.375 MILLION**

### STATUS COMPLETED

(\$1M) City of Shafter Project along State Route 43 near Apple Market  
(\$2.1M) Kern County Project in Mexican Colony  
(\$1.275M) City of Shafter Bike Lane Project along Lerdo Highway and nearby streets

### EMISSION REDUCTIONS ACHIEVED

**0.02 TONS**

NO<sub>x</sub> - 0.01

PM<sub>2.5</sub> - 0.01

## DISCUSSION AT TABLE



The District is seeking consensus to reallocate \$1,000,000 from the heavy-duty truck replacement measure to the road paving and sidewalks measure. The District plans to work with the City and County on potential projects.

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## HEAVY-DUTY TRUCKS

### MEASURE GOAL

To reduce emissions from heavy-duty diesel trucks operating in the Shafter community by replacing in use diesel trucks with cleaner technology, including battery electric, hybrid and near zero emission trucks.

### FUNDING ALLOCATED

**\$4 MILLION**

### STATUS

### IN PROGRESS

No interested applicants  
All funding remains

### TARGET EMISSION REDUCTIONS

**131.36 TONS**

NOx - 131  
PM2.5 - 0.36

## DISCUSSION AT TABLE



Due to challenges with heavy-duty truck replacement program, the District is seeking consensus to reallocate funds from the heavy-duty truck replacement measure to support high interest measures that demonstrate need for additional funding.

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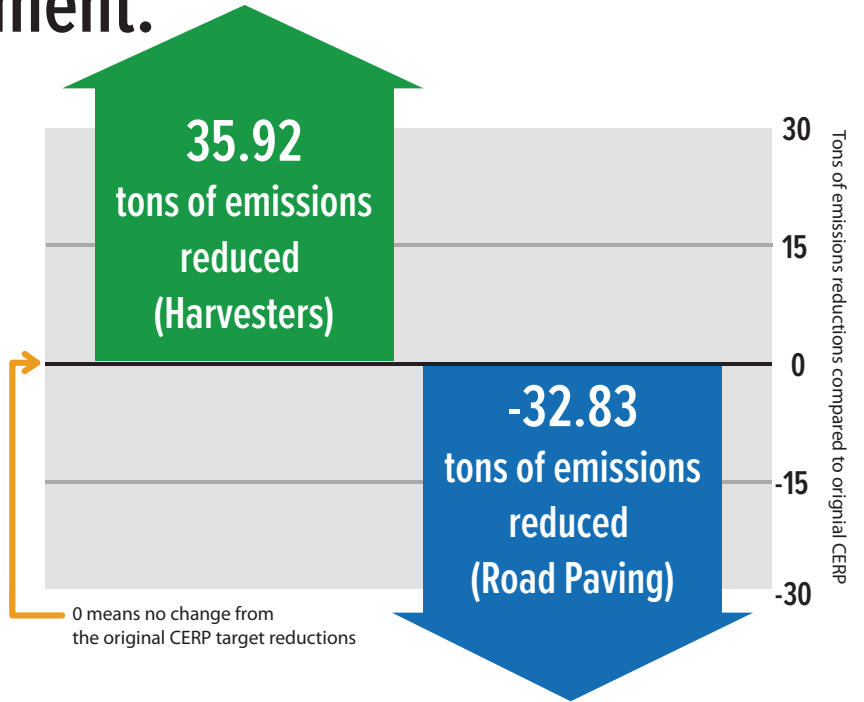
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## IMPACTS OF FUNDING REALLOCATION



### Reallocating Funding (\$2,000,000) from Truck Replacement:



**Harvesters (\$1M):**   
It achieves **more emissions reductions** than original CERP.



**Road Paving (\$1M):**   
It achieves **fewer emissions reductions** than original CERP.



### FOR \$1,000,000, WE CAN REDUCE:

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reduced with  
  
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tons of pollution  
reduced with  
  
5 Electric Heavy-Duty Trucks

 **0.01**  
tons of pollution  
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1.6 Miles of Road, Sidewalk,  
or Bike Lane