

# Evaluation Criteria



## TRAVEL TIME SAVINGS

### MEASUREMENT

What is the time spent traveling by car compared to the time spent traveling by transit from East County to various Bay Area destinations?



## TRANSFERS

### MEASUREMENT

How many transfers would be needed to take transit from East County to various Bay Area destinations and how easy is it to make these connections?



## QUALITY OF ACCESS

### MEASUREMENT

Where do commuters from Antioch, Oakley, and Brentwood live? Are the stations accessible to them?



## TRANSPORTATION COSTS

### MEASUREMENT

What is the cost of driving and parking compared to the cost of taking transit, which includes the price of the transit pass/ticket, and costs associated with traveling by bike, car, or micromobility to transit station?



## TRANSIT RIDERSHIP POTENTIAL

### MEASUREMENT

How many new riders are expected to use the planned transit service?



## EMISSIONS REDUCTION POTENTIAL

### MEASUREMENT

What is the potential reduction in vehicle miles travelled, carbon dioxide and other vehicle emissions?



## CAPACITY ON ROADWAY

### MEASUREMENT

How many people could be moved through the State Route 4 (SR-4) corridor (in East County) with the proposed transit alternatives?



## COMPATIBILITY WITH LOCAL AND REGIONAL PLANNING

### MEASUREMENT

How does proposed station area and SR-4 improvements align with existing plans?

# Evaluation Criteria



## FLEXIBLE SERVICE

### MEASUREMENT

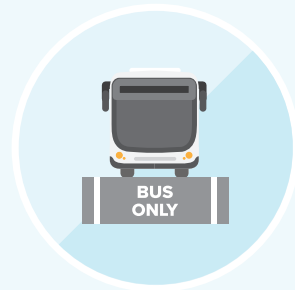
How flexible is the alternative to respond to potential future demands for high capacity transit connections in East County?



## TIME TO IMPLEMENT

### MEASUREMENT

How long will it take to build?



## DEDICATED TRANSIT RIGHT-OF-WAY

### MEASUREMENT

How much of the transit service will operate within space (lanes) designated for transit-only use?



## COMMUNITY PREFERRED SOLUTION

### MEASUREMENT

Based on community and stakeholder feedback, which alternative is most popular? Which alternative is least popular?



## FUTURE RAIL EXTENSION

### MEASUREMENT

Is the alternative compatible with BART median guideway design criteria?



## COST EFFECTIVENESS

### MEASUREMENT

What is the cost (per new rider) of building, operating and maintaining the transit infrastructure?