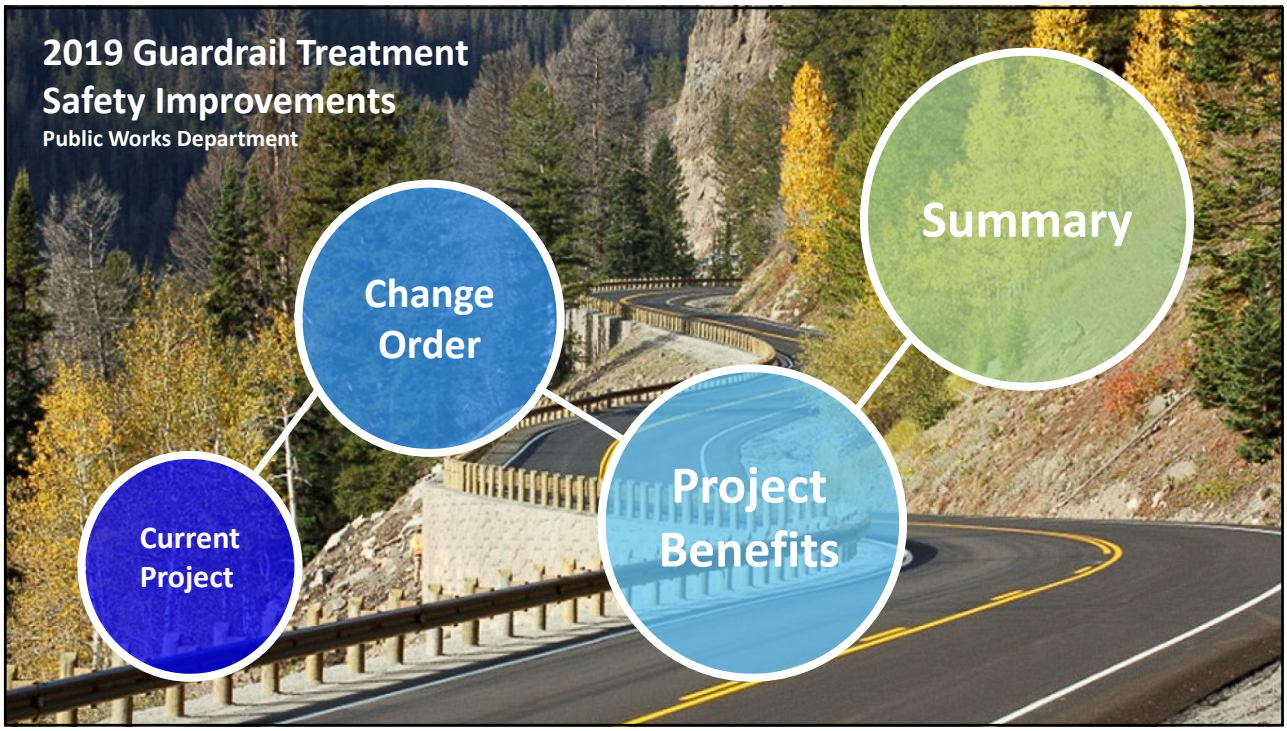
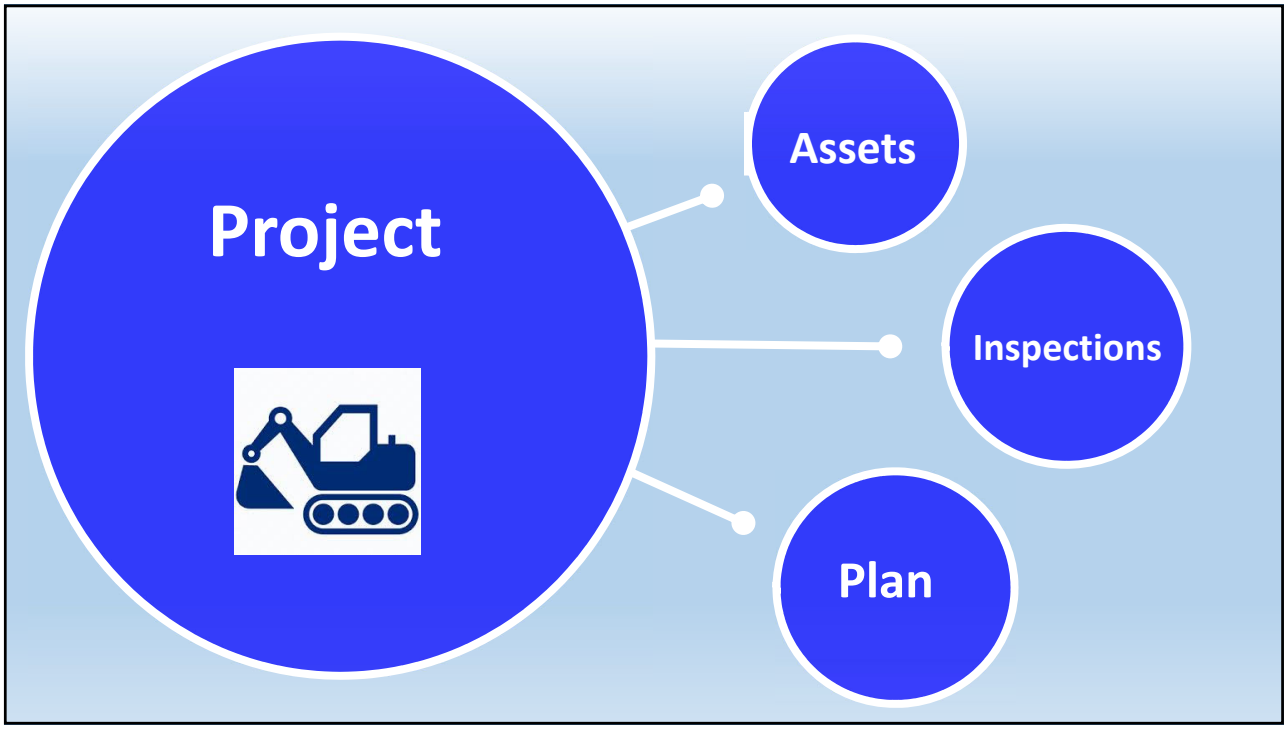
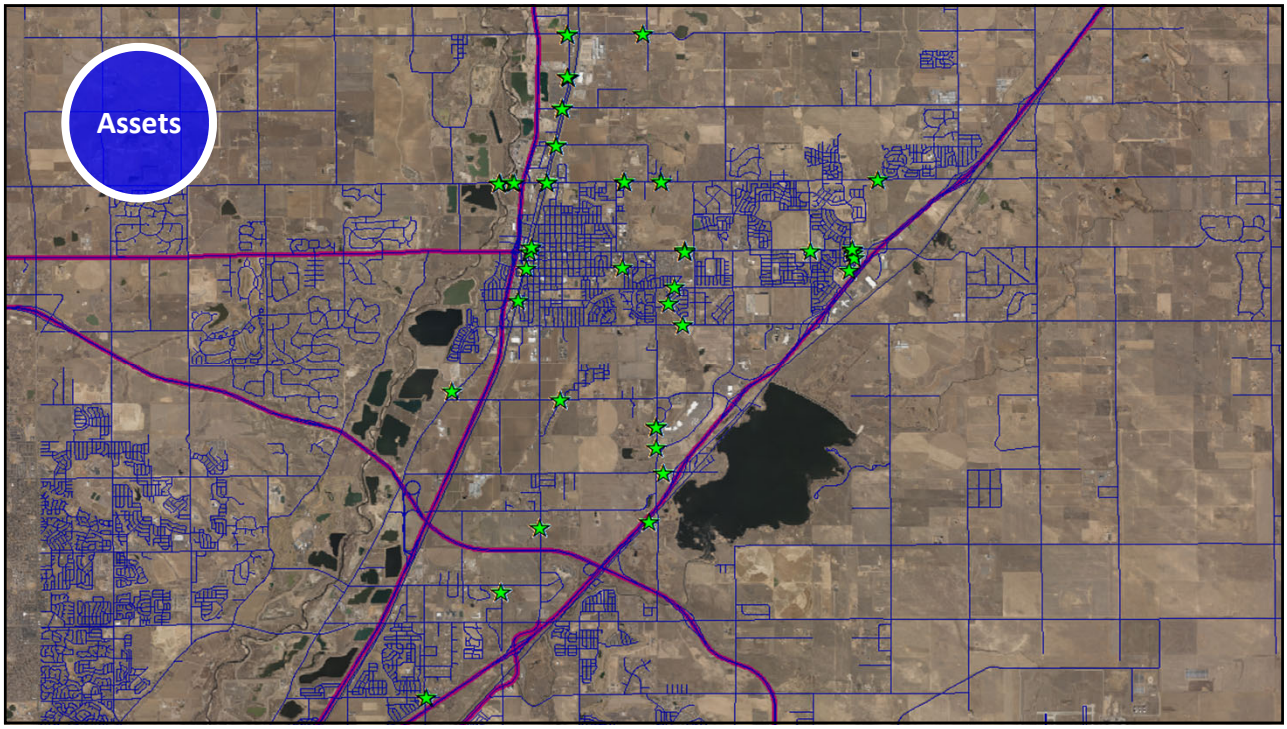

2019 Guardrail Treatment
Safety Improvements
Public Works Department
Summary
Change Order
Project Benefits
Current Project

Supportive, Sustainable Infrastructure


Project
Assets
Inspections
Plan


Assets

Brighton Guardrail Inspection Report
City of Brighton, CO

Date of Inspection and location:

Structure ID:	5
Date of Inspection:	06/14/2019
Inspector:	Gerardo Martinez
Location:	E. Crown Prince Blvd
Nearest Intersection:	Main St (CR27)
X-coordinate	
Y-coordinate	

Inventory Data:

Guardrail Photos:	Attached	**Shoulder Condition:**	Good
Guardrail Condition:	N/A	**Number of Total Post:**	N/A
Length of Guardrail (ft.):	N/A	**Number of Bad Post:**	N/A
Height of Guardrail (in.):	N/A	**Number of Missing or loose hardware components:**	None
Direction of Travel:	Westbound (WB)	**Rating of Damage:**	N/A
End Terminal type:	N/A	**Priority for Repair: (1-5, 1 being highest need for repair)**	1
Guardrail Section(s) Missing:	N/A		

Comments:

No guardrail is in place; slab is about 22 feet. Priority 1

No Guardrail Photo:

Inspections

FIGURE 13: VIEWING NORTH ON THE WESTBOUND SIDE OF THE DITCH

Brighton Guardrail Inspection Report
City of Brighton, CO

Date of Inspection and location:

Structure ID:	11
Date of Inspection:	06/21/2019
Inspector:	Gerardo Martinez
Location:	Baseline Road (CR2)
Nearest Intersection:	Main St (CR27)
X-coordinate	
Y-coordinate	

Inventory Data:

Guardrail Photos:	Attached	**Shoulder Condition:**	Good
Guardrail Condition:	Good	**Number of Total Post:**	2
Length of Guardrail (ft.):	15	**Number of Bad Post:**	None
Height of Guardrail (in.):	29	**Number of Missing or loose hardware components:**	None
Direction of Travel:	Westbound (WB)	**Rating of Damage:**	Moderate
End Terminal type:	Fish End Terminal	**Priority for Repair: (1-5, 1 being highest need for repair)**	5
Guardrail Section(s) Missing:	N/A		

Comments:

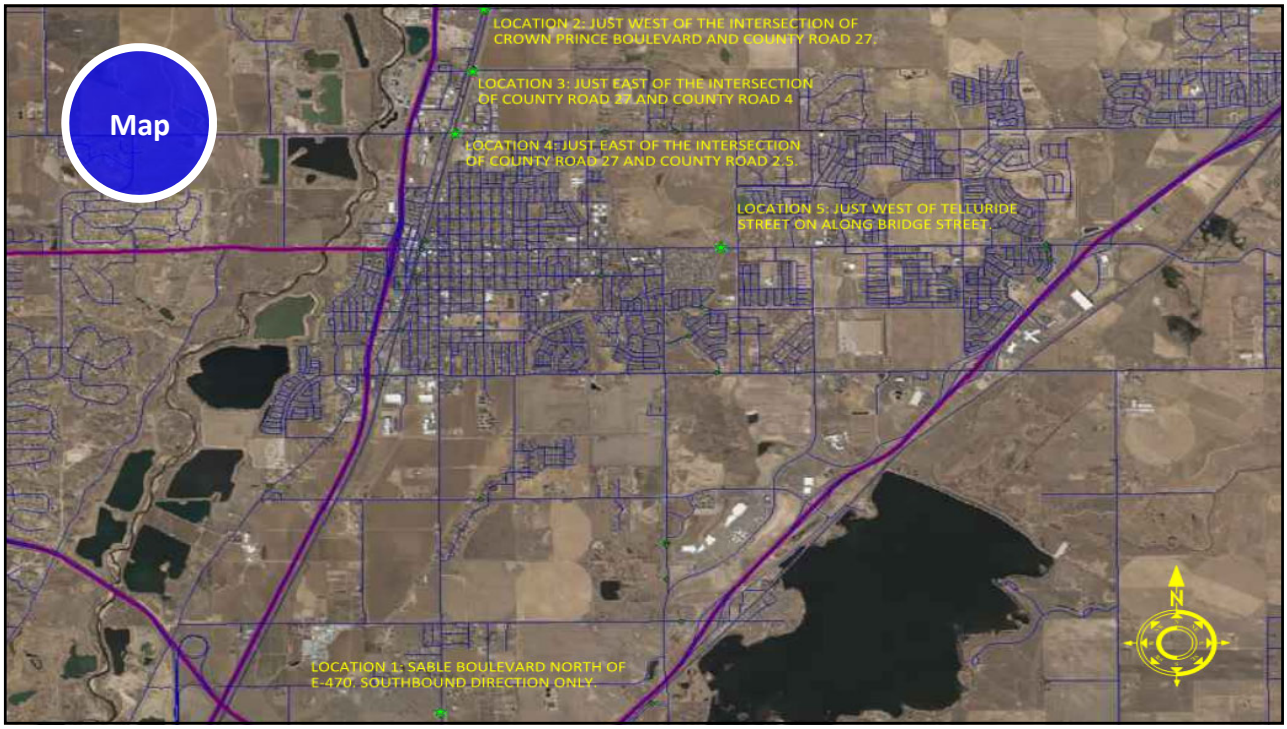
Minor westbound damage but guardrail remains operational. Priority 5

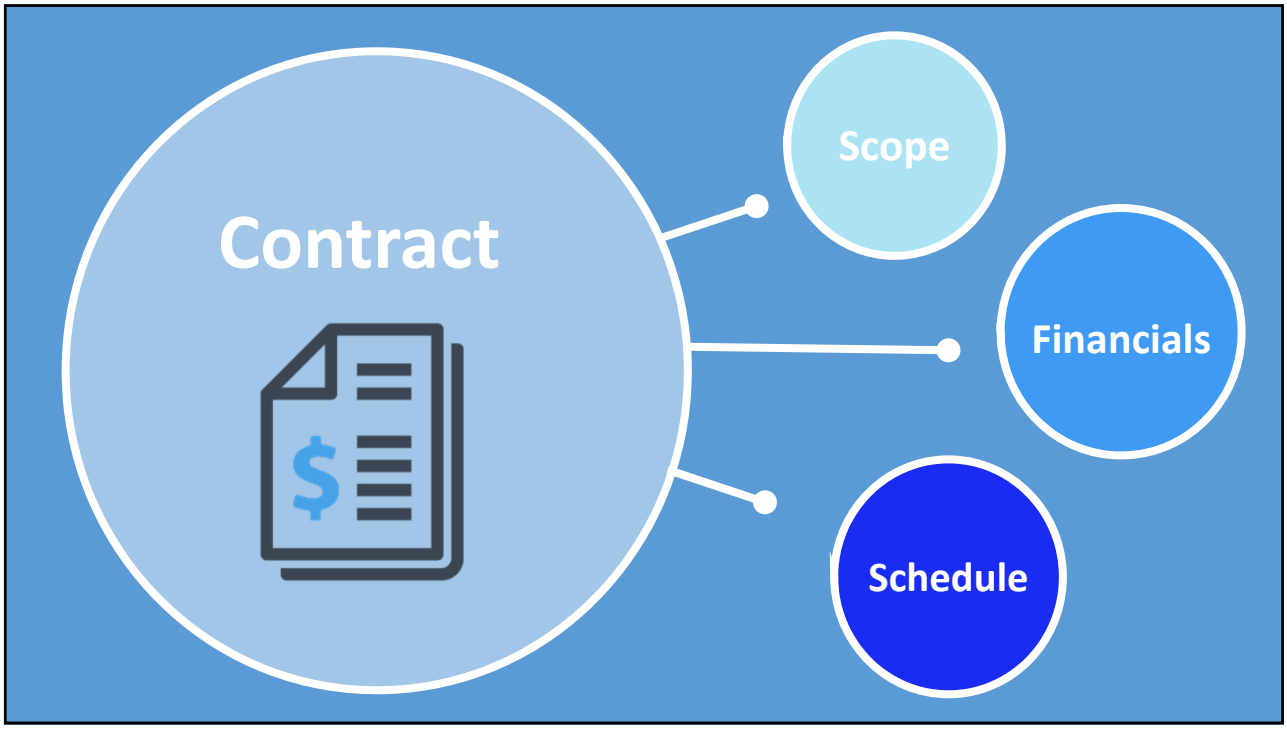
No Guardrail Photos:

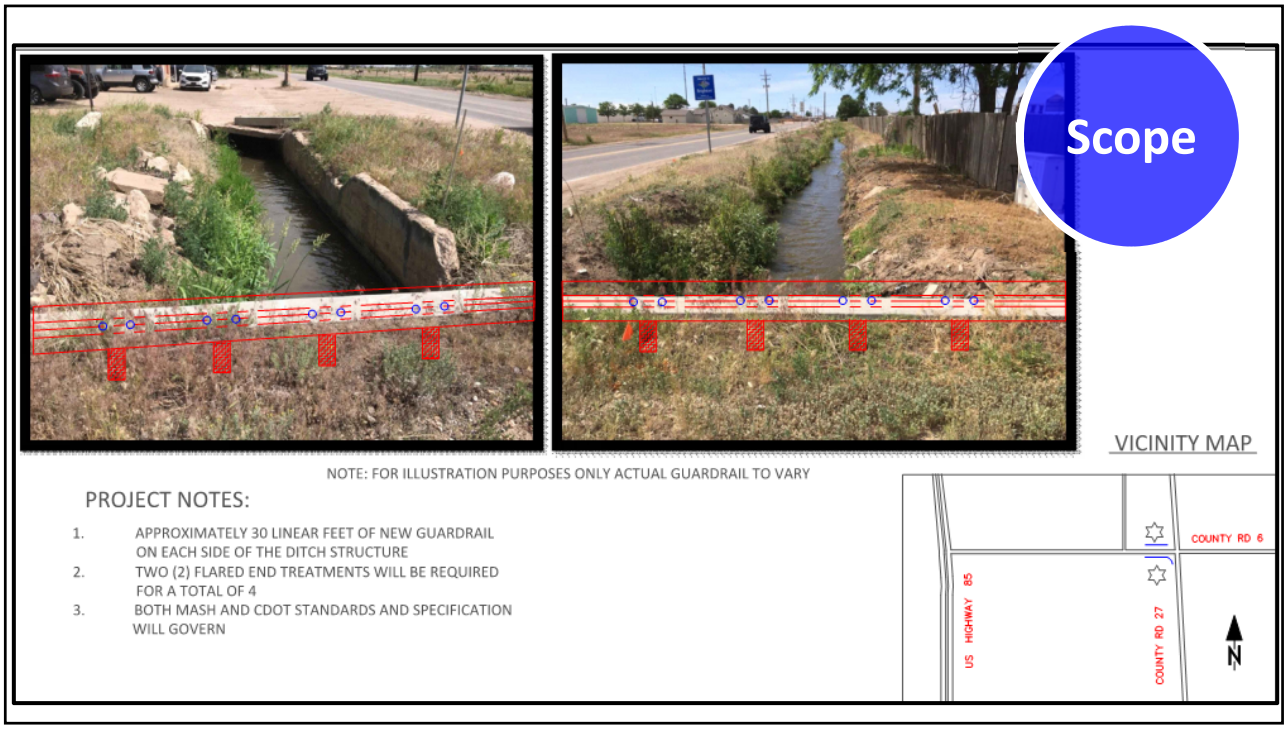
Inspections

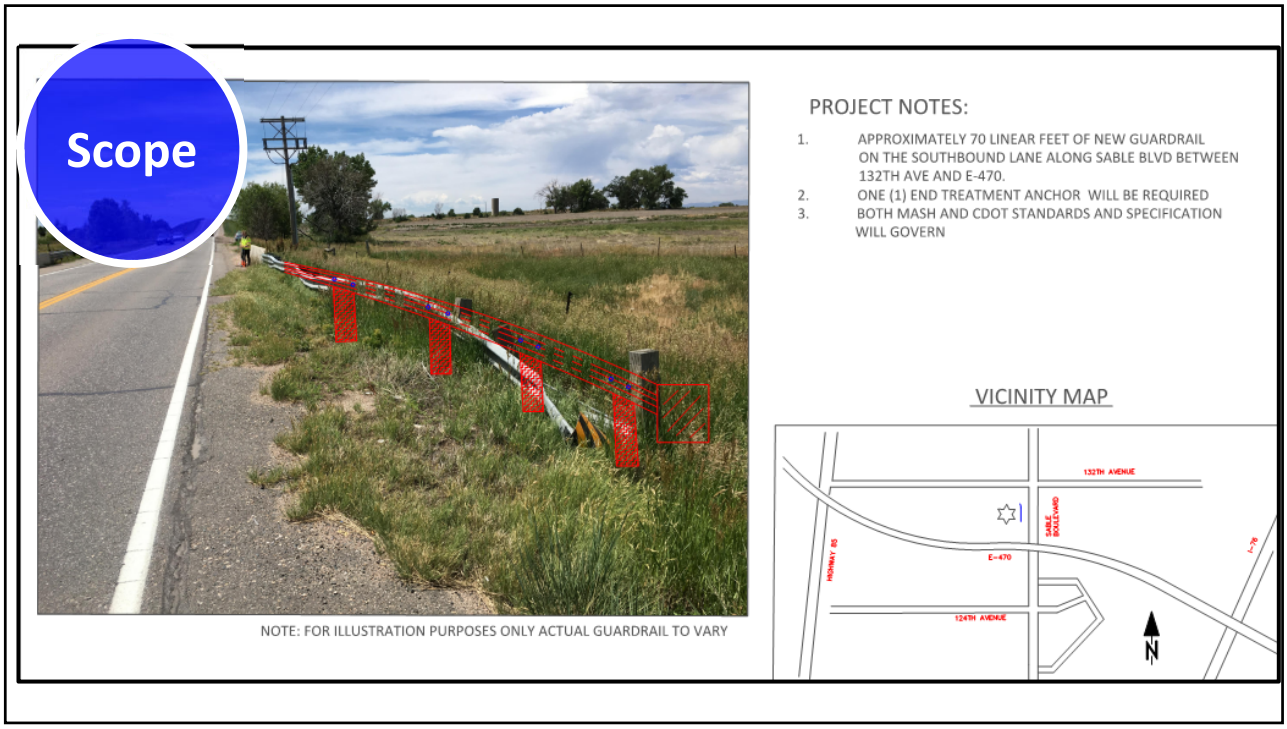
FIGURE 22: VIEWING GUARDRAIL FROM THE EAST IN THE WESTBOUND DIRECTION APPROACHING MAIN STREET (CR27)

FIGURE 23: MINOR BEND TO GUARDRAIL IN THE WESTBOUND SIDE


Map
LOCATION 2: JUST WEST OF THE INTERSECTION OF CROWN PRINCE BOULEVARD AND COUNTY ROAD 27.
LOCATION 3: JUST EAST OF THE INTERSECTION OF COUNTY ROAD 27 AND COUNTY ROAD 4
LOCATION 4: JUST EAST OF THE INTERSECTION OF COUNTY ROAD 27 AND COUNTY ROAD 2.5
LOCATION 5: JUST WEST OF TELLURIDE STREET ON ALONG BRIDGE STREET.
LOCATION 1: SABLE BOULEVARD NORTH OF E-470. SOUTHBOUND DIRECTION ONLY.
N


Contract
Scope
Financials
Schedule


Scope
VICINITY MAP
NOTE: FOR ILLUSTRATION PURPOSES ONLY ACTUAL GUARDRAIL TO VARY
PROJECT NOTES:
1. APPROXIMATELY 30 LINEAR FEET OF NEW GUARDRAIL ON EACH SIDE OF THE DITCH STRUCTURE
2. TWO (2) FLARED END TREATMENTS WILL BE REQUIRED FOR A TOTAL OF 4
3. BOTH MASH AND CDOT STANDARDS AND SPECIFICATION WILL GOVERN
COUNTY RD 6
US HIGHWAY 85
COUNTY RD 27
N


Scope
PROJECT NOTES:
1. APPROXIMATELY 70 LINEAR FEET OF NEW GUARDRAIL ON THE SOUTHBOUND LANE ALONG SABLE BLVD BETWEEN 132TH AVE AND E-470.
2. ONE (1) END TREATMENT ANCHOR WILL BE REQUIRED
3. BOTH MASH AND CDOT STANDARDS AND SPECIFICATION WILL GOVERN
VICINITY MAP
NOTE: FOR ILLUSTRATION PURPOSES ONLY ACTUAL GUARDRAIL TO VARY
132TH AVENUE
SABLE BOULEVARD
E-470
HIGHWAY 85
124TH AVENUE
N

Financials

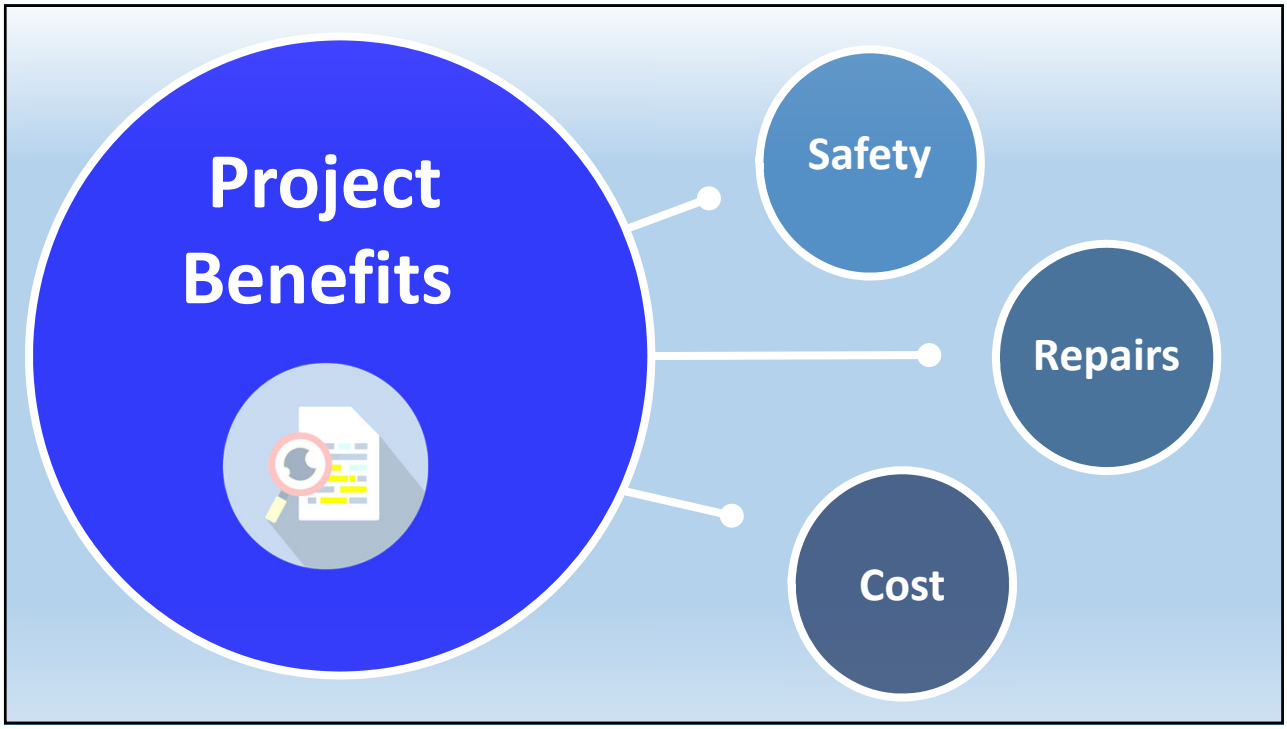
BIDDER	AMOUNT	SCORE
Adarand Constructors, Inc.	$221,147.00	91.6
Cruz Construction, Inc.	$113,490.00	93.3

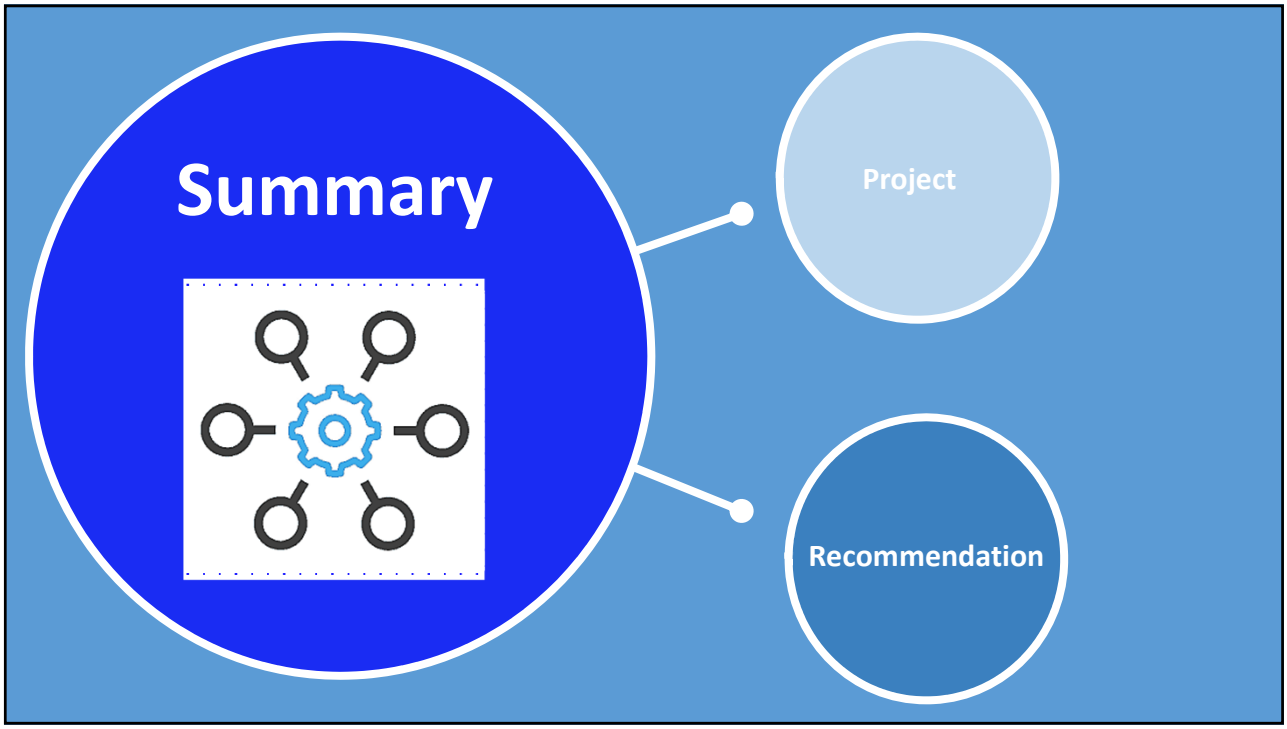
Financials

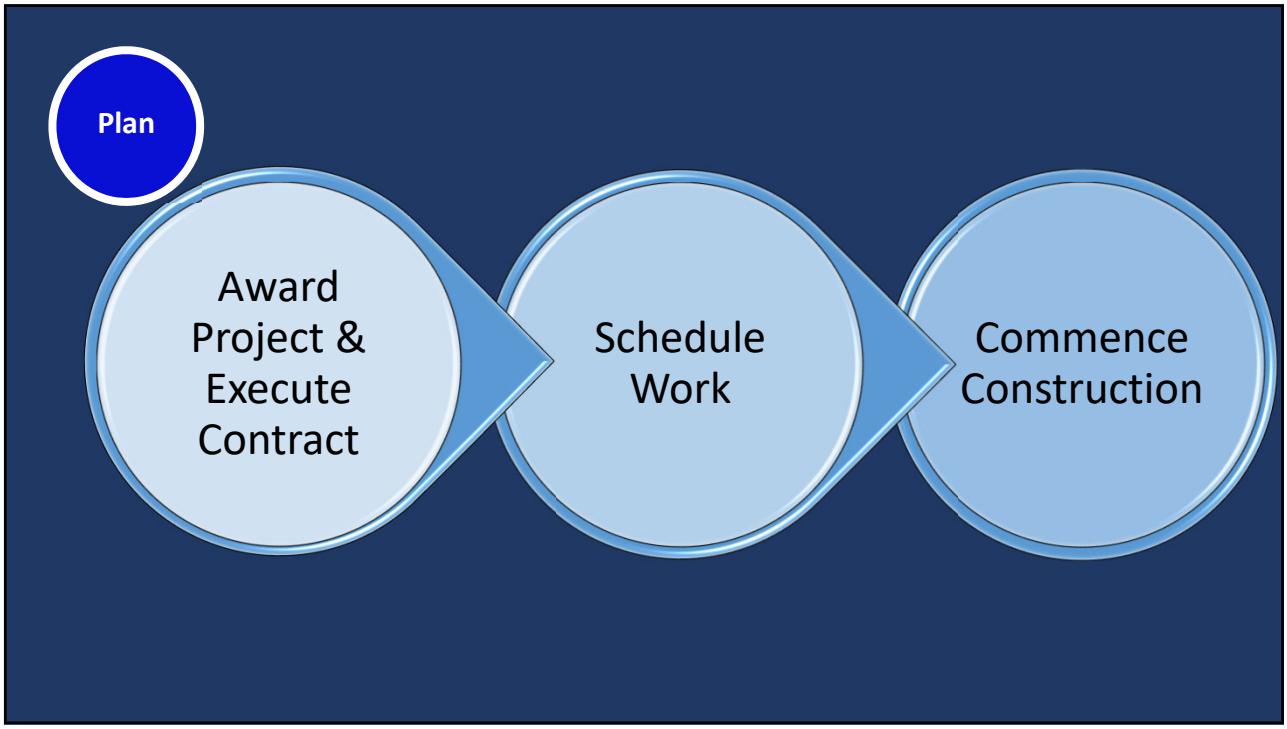
ITEM	AMOUNT
Budget	$165,000.00
Engineer Estimate	$157,000.00
Contract Award	$113,490.00

Schedule

TASK	DATE
Award Project	October 30, 2019
Initial Construction	December 1, 2019
Completion of Construction*	April 30, 2020




Summary
Project
Recommendation


Plan
Award Project & Execute Contract
Schedule Work
Commence Construction

2019 Street Preservation
Change Order
Public Works Department