#### **RESOLUTION APPROVING A SERVICE AGREEMENT BETWEEN THE TOWN OF**

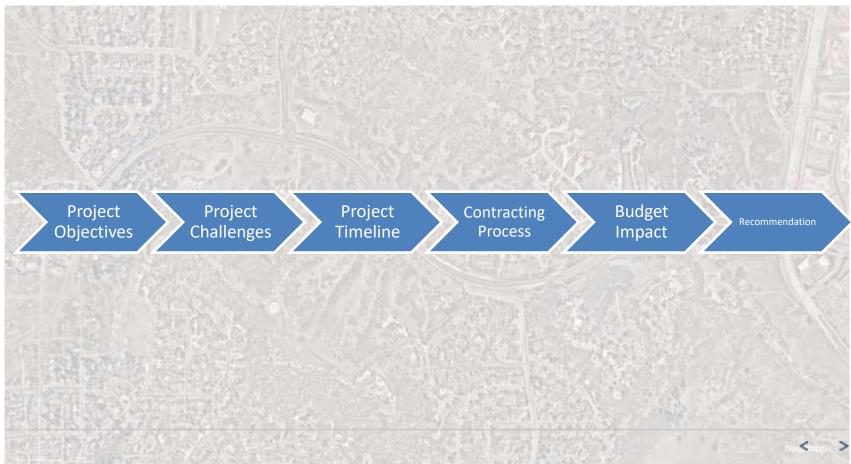
#### CASTLE ROCK AND STANLEY CONSULTANTS, INC. FOR DESIGN OF THE FIFTH

#### STREET IMPROVEMENTS PROJECT

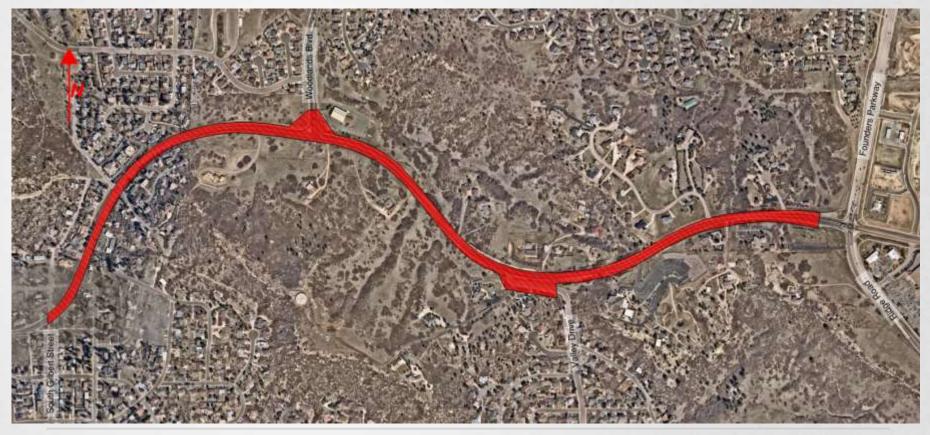
JUNE 15<sup>TH</sup>, 2021



### **PRESENTATION SEQUENCE**



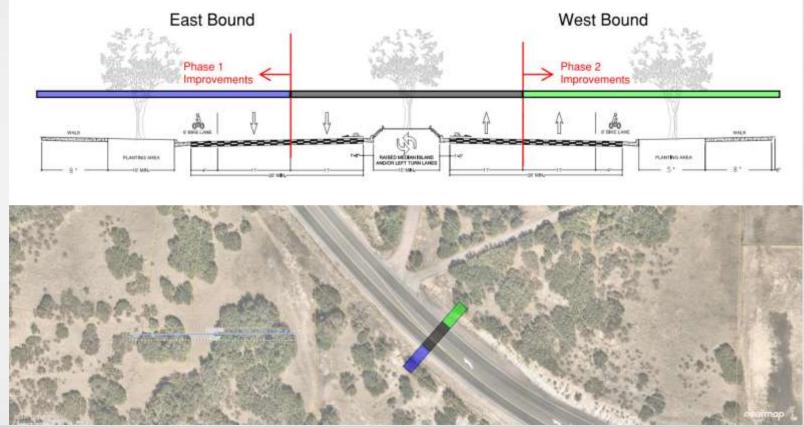
### **PROJECT LIMITS**



### **PROJECT OBJECTIVES**

- Increase multi-modal use and pedestrian safety
  - Sidewalk between Woodlands and Founders
  - On-street bike lanes
- ✤ Increase Safety and Level of Service
  - Widen roadway (Fifth) to ultimate 4-lane configuration
  - Improvements to Woodlands Blvd. intersection
  - Improvements to Valley Drive intersection
  - Consolidating accesses where possible
- ✤ Utilize alternative funding sources
  - Perform environmental clearance procedures
  - Coordinate with CDOT and FHWA

### **PROJECT OBJECTIVES**



# **PROJECT OBJECTIVES CONT.** Reliability **Lowest Total Cost** Low downtime Low Environmental **High Safety Value** Impacts

TOWN OF CASTLE ROCK

### **PROJECT CHALLENGES**

- Limited Right-of-Way
  - Conceptual design
  - Horizontal alignment changes
- Difficult topography (steep slopes)
  - Geotechnical investigation
  - Retaining walls
- Difficult Valley Drive Intersection Alignment
  - Retaining walls
  - Re-alignment of Valley Drive
- ✤ A Multitude of Stakeholders (FHWA, CDOT, County and developers)
  - Environmental study and considerations
  - CDOT & FHWA clearance procedures (ROW and Utility)

### **PROJECT TIMELINE**

#### Summer-2021 Concept Design

Open House
Data collection
Geotechnical investigation
Traffic analysis

Winter-2021 Preliminary Design Spring-2022

**Final Design** 

•ROW acquisition

•Begin dry utility

relocation design

Receive clearances

•Open House

- Environmental study
- Structural design
- Water quality design
- Roadway & signal design

2023 Phase 1 Construction

- •East bound widening
- •Sidewalk on South side of Fifth
- Intersection improvements
  Retaining walls

Beyond 2025 Phase 2 Constructi on

West bound widening
Sidewalk on North side of Fifth

### **CONTRACTING PROCESS**

- 1. Define project objectives
- 2. Determine scope of work
- 3. Advertise Request for Proposals (RFP) qualifications based selection
  - Four proposals received
  - Evaluate & rank proposals
  - Conduct consultant interviews
  - Select preferred consultant
- 4. Contract negotiation (scope of work and fee)



### **BUDGET IMPACT**

Total Budget Available	\$ 1,520,200
Cost - Fifth Street Design	\$ 1,381,478
Cost - Utility Scope	\$ 6,540
Cost – Traffic Study	\$ 11,915
Contingency	\$ 112,265
Remaining Budget	\$ 8,000

### RECOMMENDATION

# Commission & Staff recommends Town Council approve the resolution as introduced by title.

### **PROPOSED MOTION**

### "I move Town Council approve the Resolution as introduced by title."



## QUESTIONS



### **THANK YOU**