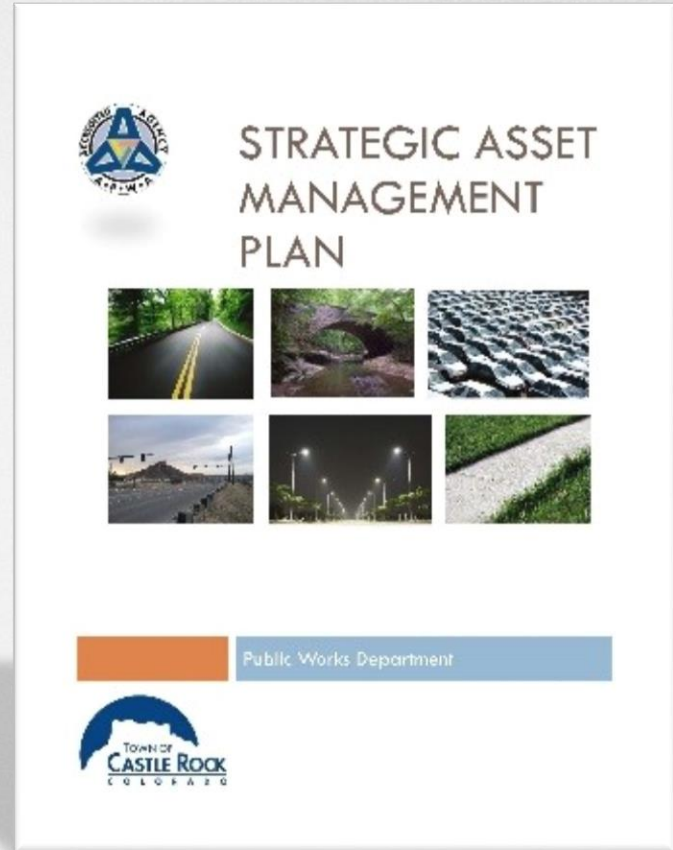


**2020 PAVEMENT  
MAINTENANCE PROGRAM  
(PMP), AND  
RECONSTRUCTION  
PROJECTS  
CONTRACT AWARDS**

# OVERVIEW

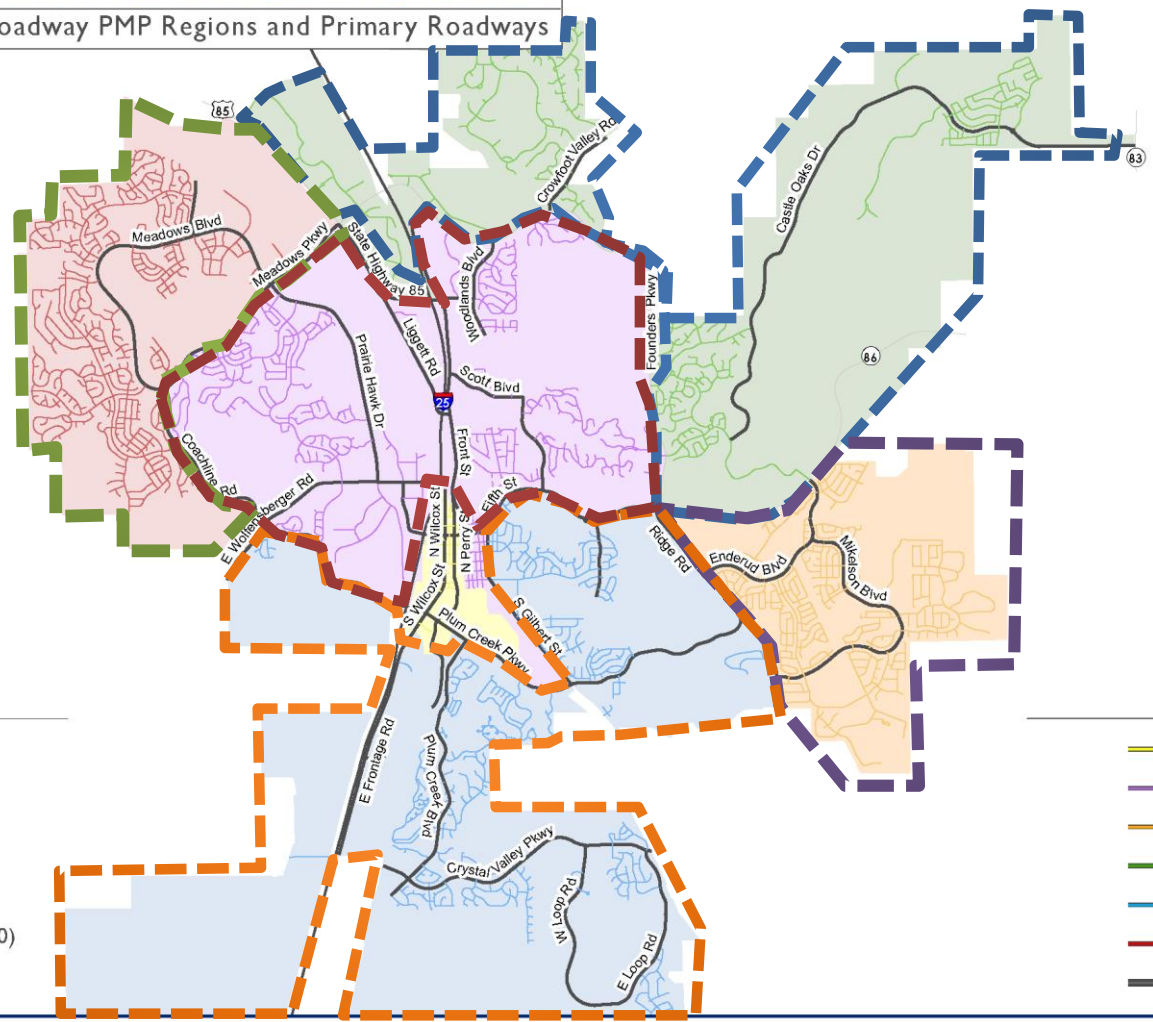
- ❖ Secondary Streets:  
Five Regions
- ❖ Primary Streets:  
Not Region Based





# PAVEMENT MAINTENANCE PROGRAM

Overview of Local Roadway PMP Regions and Primary Roadways



## PMP Regions

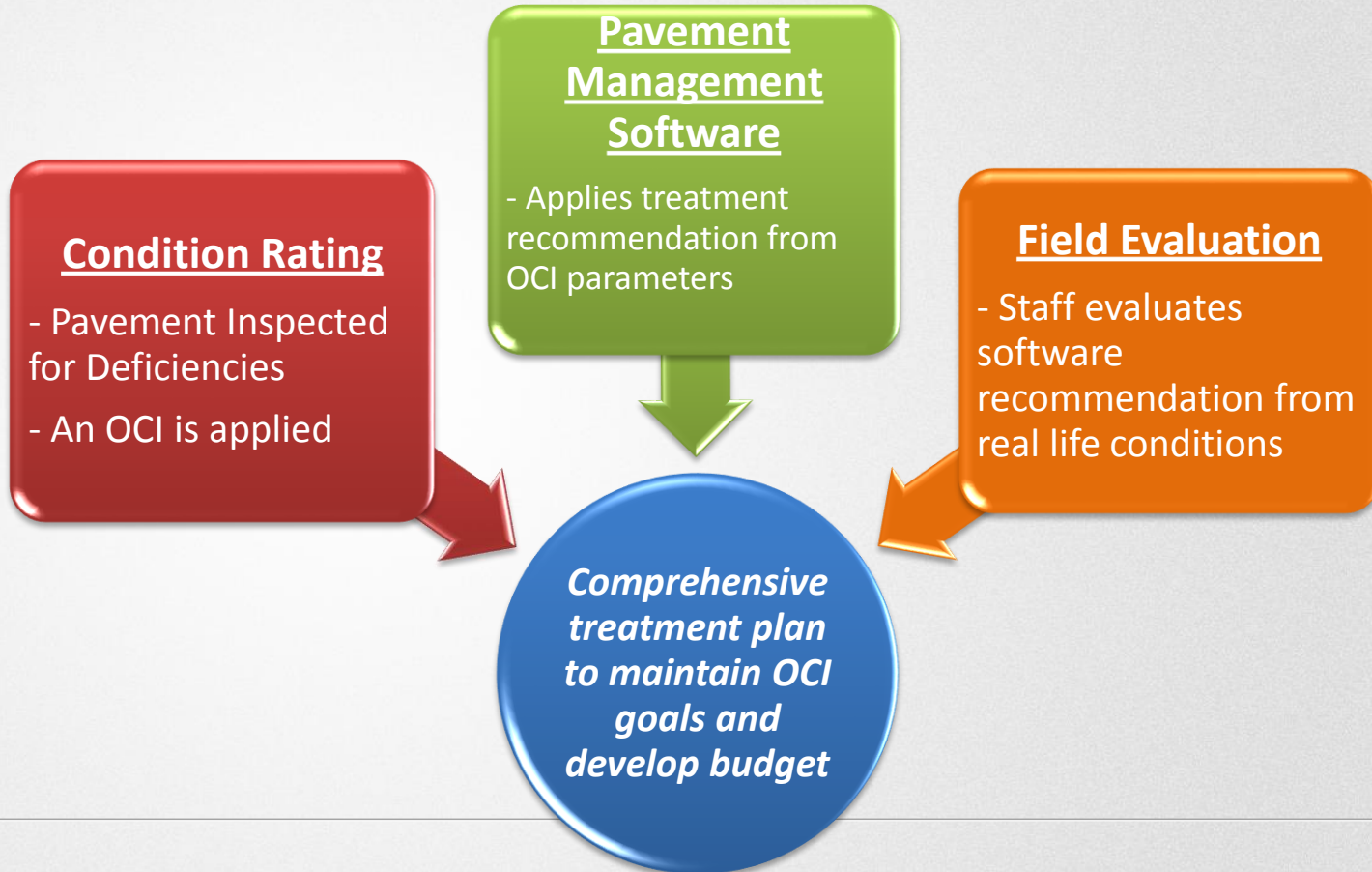
- Downtown Dev. Auth.
- PMP South Region (2017)
- PMP East Region (2018)
- PMP West Region (2019)
- PMP Central Region (2020)
- PMP North Region (2021)

## PMP Roadways

- Downtown Dev. Auth.
- PMP Central Region
- PMP East Region
- PMP North Region
- PMP South Region
- PMP West Region
- PMP Primary Roadways

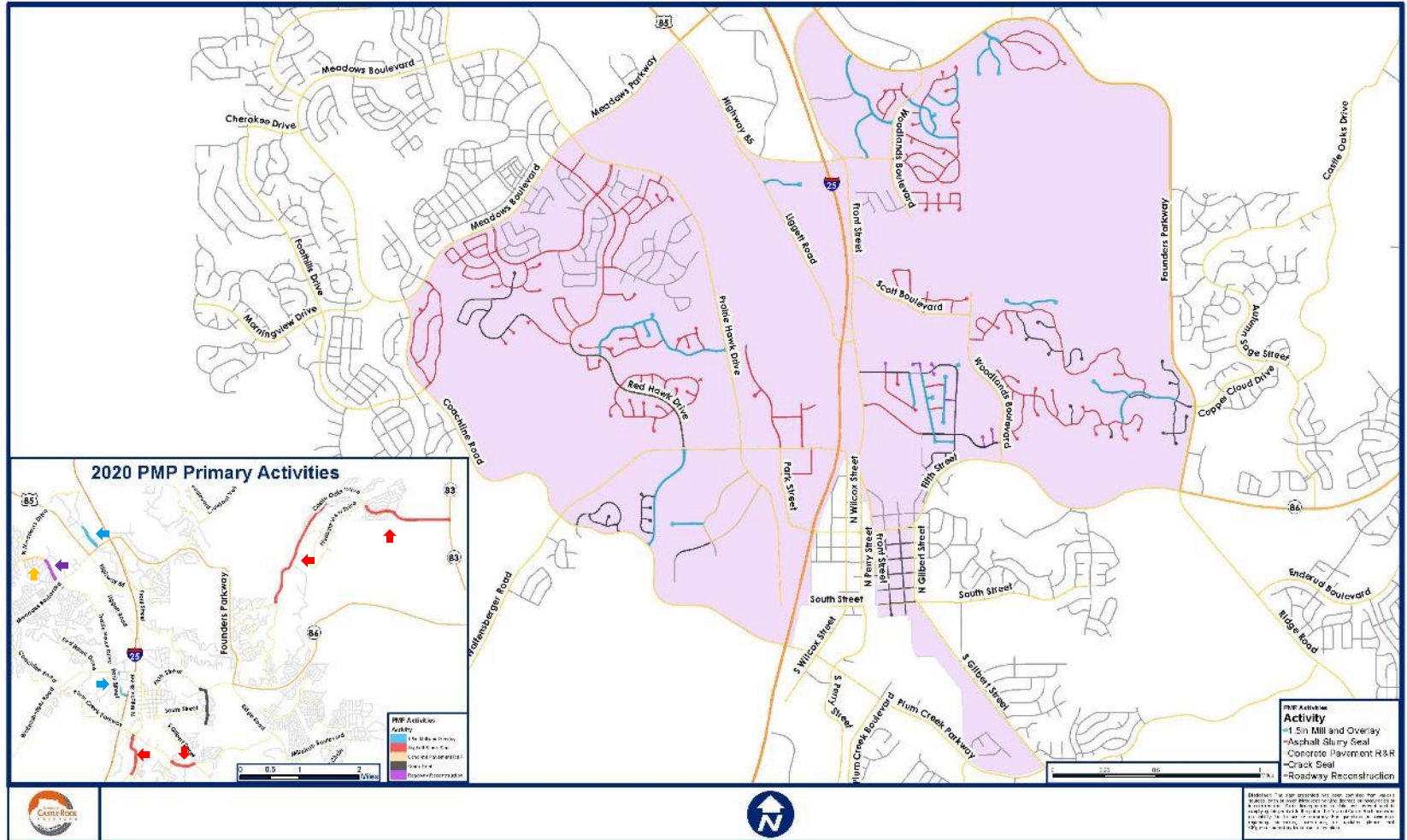


# How is Roadway Maintenance Determined?





# 2020 PMP ACTIVITIES



Disclaimer: This map is provided for informational purposes only. It is not intended to be used as a legal document. The City of Castle Rock is not responsible for any errors or omissions on this map. The City of Castle Rock is not responsible for any damages or losses resulting from the use of this map. The City of Castle Rock is not responsible for any damages or losses resulting from the use of this map.

# 2020 PMP COST SUMMARY

## FUNDING SOURCE; TRANSPORTATION OPERATIONS AND MAINTENANCE BUDGET

❖ PMP Total Budget	\$10,586,000
❖ PMP Bid Amounts	(\$8,640,655)
❖ PMP Contingency	(\$864,065)
❖ Other Reconstruction	<u>(\$978,542)</u>
❖ PMP Program Remaining Amount	\$102,737

# PMP SCHEDULE

- ❖ Award of Contracts early March
- ❖ Open House for Central PMP Region, late-March
- ❖ Downtown Coordination with the DDA and Businesses, February and March
- ❖ Project Start Dates
  - Early to mid-April – Meadows/Prairie Hawk Reconstruction, Full Depth Reclamation, Asphalt Overlay, and Curb, Gutter and Sidewalk Replacement
  - Late May to June –Slurry Seal
  - Late August – September – Crack Seal
- ❖ Program Fully Complete by End of October



# **2020 TOWN FACILITY PARKING LOT IMPROVEMENT PROJECT CONTRACT AWARD**



# OVERVIEW

❖ Five Year Cycle: Evaluation and Treatments

Seal Coat, Asphalt Patching and Concrete Work  
4004 Sq Yds

PW Service  
Center Front  
Parking Lot



Castle Rock  
Public Works  
4175 N. Castleton  
Castle Rock, CO  
80109

Project:  
Service Center Front Parking Lot  
Date: 1/5/2028  
Drawn By: KB

Address:  
4175 Castleton Ct  
Castle Rock, CO

Legend:

2020 Parking Lots

Scale:

1 inch = 48 feet  
0 10 20 30 40  
feet





Concrete Pavement/Sealant and Curb & Gutter Repair



PW Service  
Center Back  
Parking Lot



Castle Rock  
Public Works  
4175 N Castleton  
Castle Rock, CO  
80109

Project:  
Service Center Back Parking Lot  
Date: 1/5/2020 Drawn By: KB

Address:  
4175 Castleton Ct  
Castle Rock, CO

Legend:

2020 Parking Lots

Scale:

1 inch = 58 feet  
0 10 20 30 40  
feet





Concrete and Asphalt Patching, Mill and Overlay  
3027 Sq Yds



## Red Hawk Golf Course Parking Lot



Castle Rock  
Public Works  
4175 N. Castleton  
Castle Rock, CO  
80109

Project:  
Red Hawk Golf Course Parking Lot  
Date: 1/5/2028  
Drawn By: KB

Address:  
2156 Red Hawk Ridge Dr  
Castle Rock, CO

Legend:

2020 Parking Lots

Scale:

1 inch = 52 feet

0 10 20 30 40  
ft.







Asphalt Patching and Slurry Seal  
1905 Sq Yds

Red Hawk Golf  
Course Maintenance  
Shop Access and  
Parking Lot



Castle Rock  
Public Works  
4175 N. Castleton  
Castle Rock, CO  
80109

Project:  
Red Hawk Maintenance Shop  
Date: 1/5/2020 Drawn By: KB

Address:  
2156 Red Hawk Ridge Dr  
Castle Rock, CO

Legend:

2020 Parking Lots

Scale:

1 inch = 73 feet

0 20 40 60 80  
ft.





Lower Lot Seal Coat GSB 88 (5258 Sq Yds), Upper Lot Asphalt Patching and Mill and Overlay (7766 Sq Yds)

## Recreation Center Parking Lot



Castle Rock  
Public Works  
4175 N. Castleton  
Castle Rock, CO  
80109

Project:  
Recreation Center Parking Lot  
Date: 1/5/2028 Drawn By: KB

Address:  
2301 Woodlands Blvd  
Castle Rock, CO

Legend:

2020 Parking Lots

Scale:

1 inch = 96 feet

0 30 60 90 120 ft.







Asphalt Seal Coat  
6615 Sq Yds

## Rhyolite Park Parking Lot



Castle Rock  
Public Works  
4175 N. Castleton  
Castle Rock, CO  
80109

Project:  
Rhyolite Park Parking Lot

Date: 1/9/2020 Drawn By: KB

Address:  
1701 Crystal Valley Pkwy  
Castle Rock, CO

Legend:



Scale:

1 inch = 72 feet







Castle Rock  
Public Works  
4175 N. Castleton  
Castle Rock, CO  
80109

Project:  
Milestone Pump Station

Date: 1/9/2020 Drawn By: KB

Address:  
7 Founders Pkwy  
Castle Rock, CO

Legend:

2020 Parking Lots

Scale:

1 inch = 20 feet

0 6 12 18 24 ft





Seal Coat and Asphalt Patching  
287 Sq Yds

Prairie Hawk  
Well Field





Concrete Pavement Replacement

Miller  
Treatment Plant



Castle Rock  
Public Works  
4175 N. Castleton  
Castle Rock, CO  
80109

Project:  
Miller Treatment Plant

Date: 1/9/2020

Drawn By: KB

Address:  
S Plum Creek Blvd  
Castle Rock, CO

Legend:



Scale:

1 inch = 21 feet



# 2020 TOWN FACILITY PARKING LOT IMPROVEMENT COST SUMMARY

FUNDING SOURCE; GENERAL LONG TERM PLANNING, RED HAWK GOLF COURSE  
ENTERPRISE, AND CASTLE ROCK WATER ENTERPRISE

❖ Total Budget	\$588,704
❖ Bid Amount	(\$353,403)
❖ Contingency	<u>(\$35,430)</u>
❖ Remaining Amount	\$199,871

# **2020 REALLOCATION OF APPROVED PMP AND RECONSTRUCTION FUNDS**



# **Resolution authorizing the Town Manager and Finance Director to reallocate Council approved PMP funds**

- Utilize savings from some contract areas to increase scope in others
- Savings from minimalizing contractors remobilization of resources
- Minimalizing disruption to the traveling public
- No increase to the total appropriated budget authorized by Town Council

# 2020 NIGHT TIME WORK



# NIGHT TIME NOISE VARIANCE

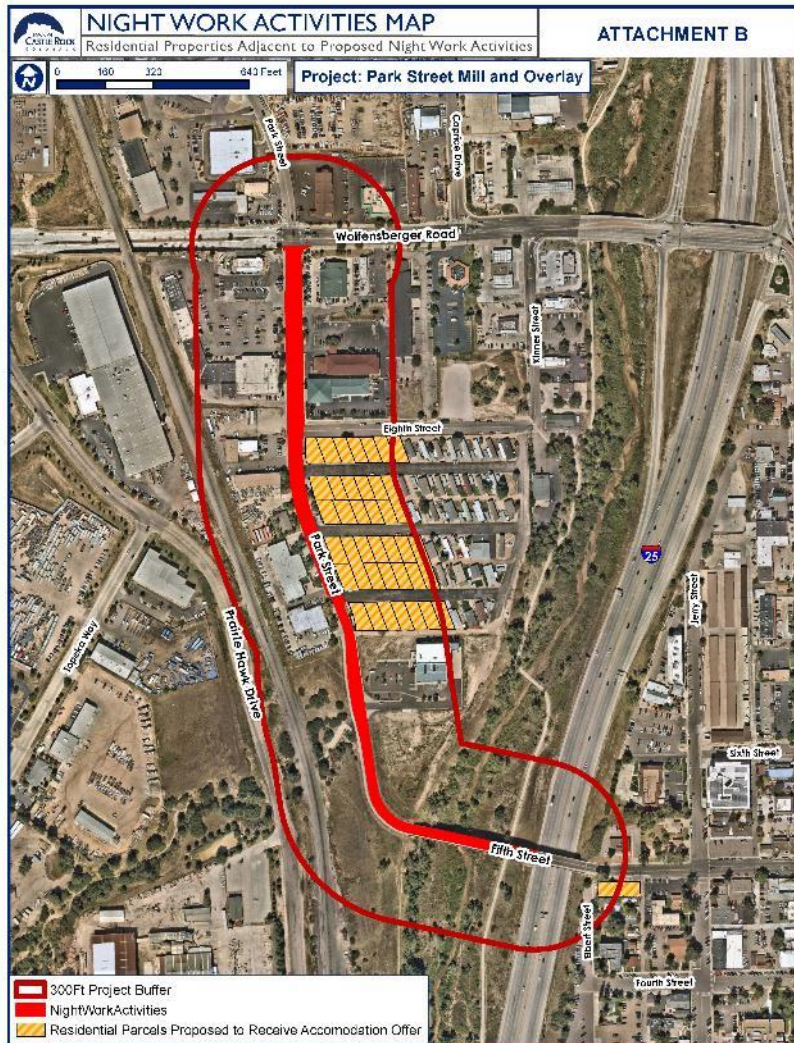
- Reduce Disruptions to Traffic
- Reduce Disruptions to Businesses
- Can significantly reduce Schedule





Factory Shops Boulevard





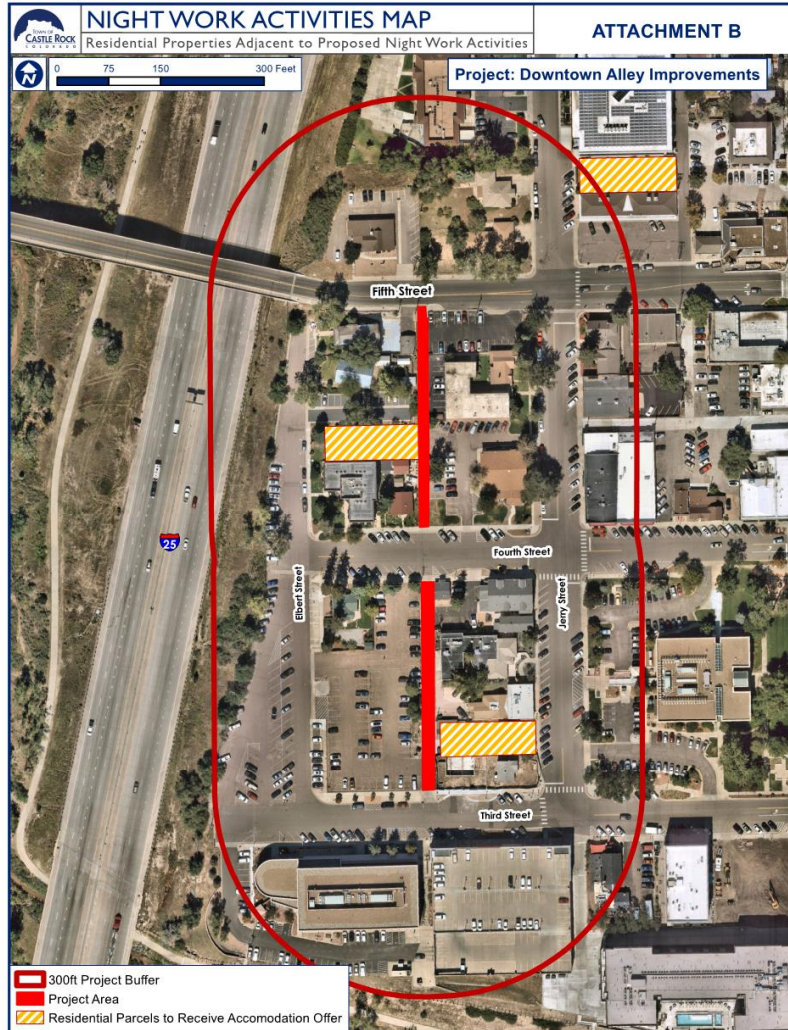
Park Street Mill  
and Overlay





Red Hawk Golf  
Course Clubhouse  
Parking Lot (North)





Downtown Alley  
Improvements





# NIGHT WORK ACTIVITIES MAP

Residential Properties Adjacent to Proposed Night Work Activities

ATTACHMENT B



Plum Creek Parkway  
Widening and  
Roundabouts CIP  
Project



# THANK YOU