



COLORADO

Department of Transportation

Region 5



PUBLIC INFORMATION MEETING

US 160/550 PCCP Diamond Grinding and PCCP Repair

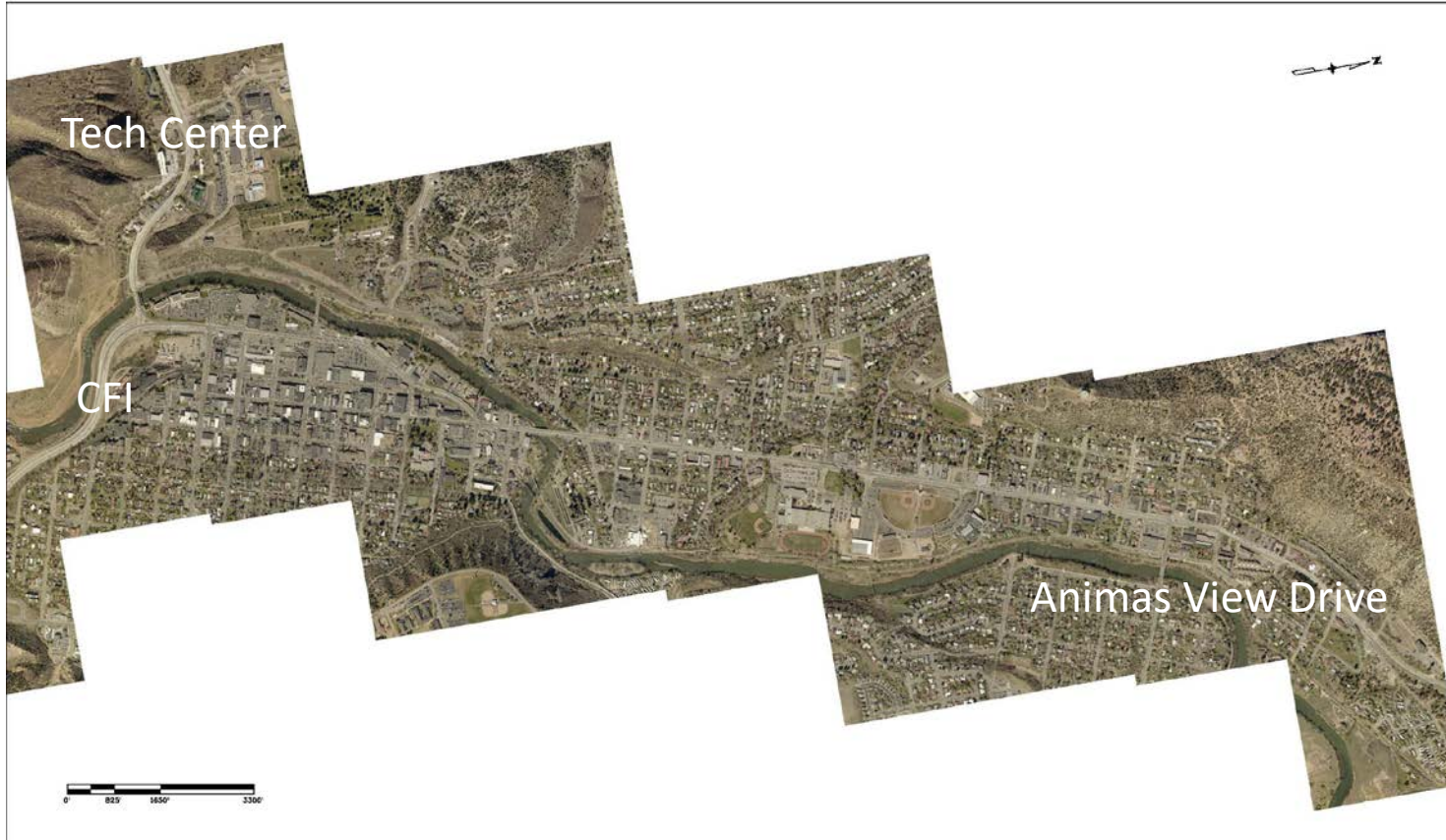
BACKGROUND

- Originally constructed in 1991
- Over time texture of surface degrades, bumps form and areas of concrete degrade
- Various projects working on improving capacity through restriping have left stripe shadows (ghost lines) that may be confusing
- Concrete pavement typical service life of 30 years before reconstruction

Project Objective

- Prolong the service life of the concrete pavement
 - Improve roadway smoothness
 - Restore skid resistance
 - Replace and patch damaged concrete pavement
 -
- Remove conflicting stripe shadows
- New pavement markings with bike lanes
- Minimize impacts to travelers and community

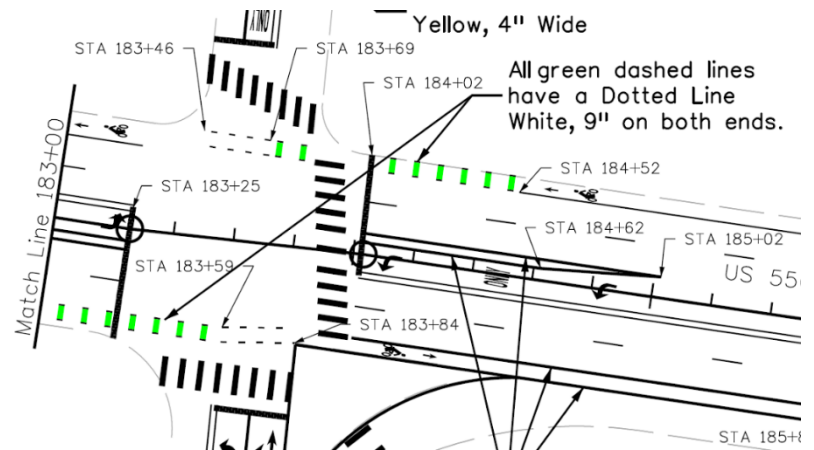
Project Location



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PROJECT ACTIVITIES



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PROJECT PARTICIPANTS

- **OWNER:** Colorado Department of Transportation, Region 5
- **PRIME CONTRACTOR:** ACME CONCRETE PAVING, INC.
- **MAJOR SUBCONTRACTORS:**
 - ALERT TRAFFIC CONTROL – Traffic Control
 - ROADS SAFE TRAFFIC SYSTEMS – Pavement Markings
 - SUMMIT PUBLIC RELATIONS – Public Information Officer



PROJECT SCHEDULE

Anticipated Start and Completion Dates:

- March 6th through May 19th

Estimated Working Shifts: (Monday Through Saturday)

- March 6th through March 28th
 - Daytime Concrete Pavement Repairs, Outside Lane Closures (7am – 7pm)
 - Two lanes in each direction will be maintained
- March 29^h through April 6th
 - Nighttime Concrete Pavement Repairs, Inside Lane Closures (7pm – 7am)
 - One lane in each direction will be maintained



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PROJECT SCHEDULE

More Estimated Working Shifts: (Monday Through Saturday)

- April 7th through May 19th
 - Day and Night Work Activities Including (24-hour work windows)
 - Diamond Grinding Concrete Pavement
 - Joint Sawing and Resealing
 - Temporary and Permanent Pavement Markings

Daytime Travel Impacts

Daytime Traffic Impacts:

- Daytime work is anticipated to take place Mondays-Saturdays within the following hours:
 - Mondays 9:00am – 7:00pm
 - Tuesdays through Saturdays 7:00am – 7:00pm
- Two through lanes in each direction will remain open during the hours of 7:00am and 7:00pm***
- Most daytime work will occur in the outside travel lanes

***There will be a few instances where newly placed concrete panels will cause temporary lane closures and traffic shifts, in addition to the impacts described above.



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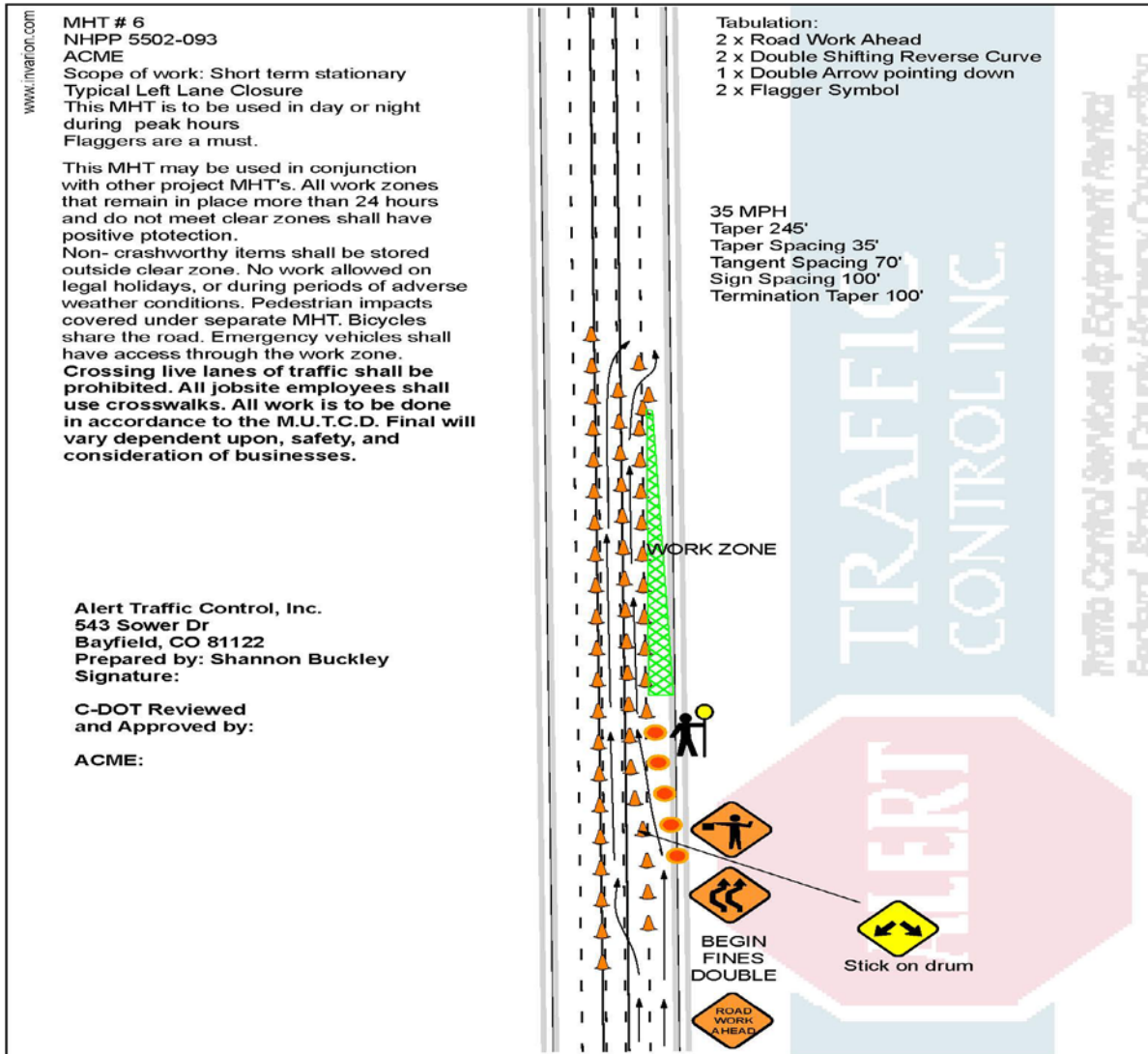


Daytime Travel Impacts



rels/j:22523 PM c:\projects\hwy\msh\msh\1652306\21307DES_Plan16 (Daytime TCP workzone in outside lanes).dgn

Daytime Travel Impacts

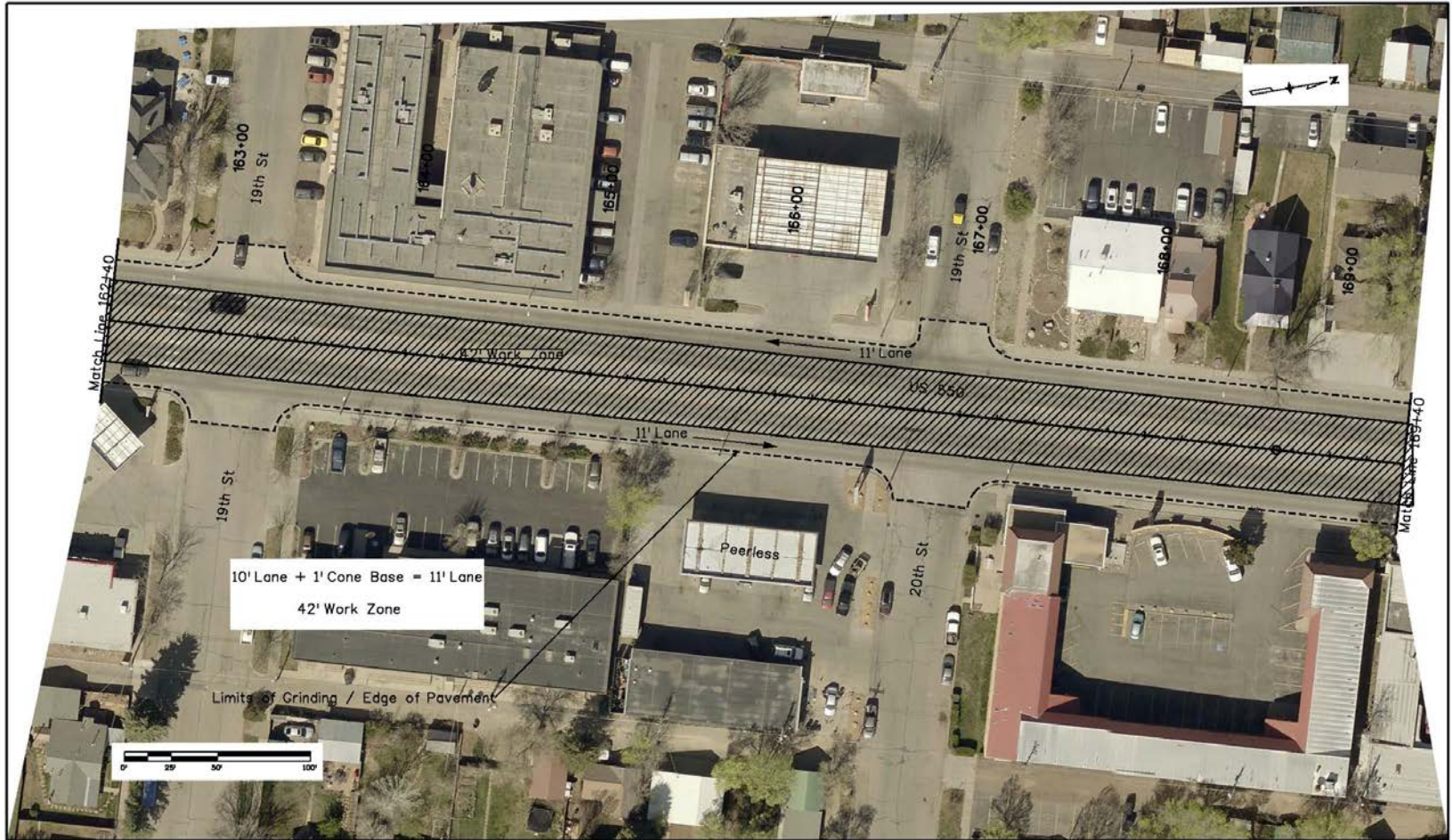


Nighttime Travel Impacts

Nighttime Travel Impacts:

- Nighttime work is anticipated to take place Mondays-Saturdays within the following hours:
 - Mondays Through Saturdays 7:00pm – 7am
- One through lane in each direction will remain open during the hours of 7:00pm and 7:00am
- Most nighttime work will occur in the inside travel lanes

Nighttime Travel Impacts



reddy 2:44:03 PM c:\projects\hwy\work\163\207\DES_Plan16_Night Time TCP workzone in Middle.dgn

Print Date: 1/11/2017	
File Name: 21307DES_Plan16 (Night time TCP workzone in Middle).dgn	
Horiz. Scale: 1:49.995	Vert. Scale: As Noted
Unit Information	Unit Leader : DRV

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 3803 North Main Avenue
 Suite 200
 Durango, CO 81301
 Phone: 970-385-1440 FAX: 970-385-8365
Region 5 **DRV**

As Constructed
No Revisions:
Revised:
Void:

Night Time Workzone Example (middle)	
Designer: JRR	Structure Numbers X-XX-XX
Detailer: JRR	Numbers X-XX-XX
Sheet Subset:	Subset Sheets:

Project No./Code
NHPP 5502-093
21307
Sheet Number

Nighttime Travel Impacts

www.invention.com

MHT # 8
NHPP 5502-093
ACME
Scope of work: Short term stationary
Double Left Lane Closures
This MHT is to be used at night
during non peak hours
Drums to be used for tapers.
Flaggers are optional.
This MHT may be used in conjunction
with other project MHT's. All work zones
that remain in place more than 24 hours
and do not meet clear zones shall have
positive protection.
Non- crashworthy items shall be stored
outside clear zone. No work allowed on
legal holidays, or during periods of adverse
weather conditions. Pedestrian impacts
covered under separate MHT. Bicycles
share the road. Emergency vehicles shall
have access through the work zone.
**Crossing live lanes of traffic shall be
prohibited. All jobsite employees shall
use crosswalks. All work is to be done
in accordance to the M.U.T.C.D. Final will
vary dependent upon, safety, and
consideration of businesses.**

Alert Traffic Control, Inc.
543 Sower Dr
Bayfield, CO 81122
buckley.alert@gmail.com
Prepared by: Shannon Buckley
Signature:

C-DOT Reviewed
and Approved by:

ACME:

Tabulation:
4 x Road Work Ahead
4 x Left Lane Closed Ahead
4 x Left Lane Transition
2 x Flagger Symbol
2 x Arrowboards

35 MPH
Taper 245'
Taper Spacing 35'
Tangent Spacing 70'
Sign Spacing 100'
Termination Taper 100'

TRAFFIC CONTROL INC.

Double Signage Will Be Used
When And Where Possible. Extreme
Consideration Will Be Considered
When Placing Signage.

Traffic Control Services & Equipment Rental
Federal, State & County Highway Construction

Property Access

- Intersections will be kept open for access as much as possible; the only extended intersection closures will be for concrete panel replacements which require ~24 hours of cure time prior to opening for traffic
- Business access will always be available by means of either side street access, alley access, or designated access through work zones
- If access through work zones is the only access option, the locations will either be clearly defined with signs and traffic devices, or controlled by flaggers



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Summary

- Concrete pavement rehabilitation
 - Extend service life
 - Improve smoothness and skid resistance
 - Localized repairs
 - Clean up striping and add bike lanes
 - Less cost
 - Faster completion
- Tech Center to Animas View Drive
- March through May of 2017
- Minimize impact on travelers and community



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Stay Connected

- Please sign up today on our project web site to stay up to date on project progress and impacts:
 - Web Site: www.160-550durangoconcrete.codot.gov
 - Project Email address:
dgoconcreteproject@gmail.com
 - Project Information Line: (970) 903-5745



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