



US 6 over Garrison Street

Streamlined Design Build

Project Information


ison Street — CDOT - Windows Internet Explorer provided by Colorado DOT for v8

http://www.coloradodot.info/projects/us6overgarrison

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rrison Street — CDOT

Site Map Accessibility Contact



Colorado DOT
Department of Transportation

Taking care to get you there

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projects : us 6 over garrison street

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US 6 Over Garrison Street

CDOT will be replacing the bridge that carries US 6 traffic over Garrison Street. The current structure is deteriorating and this project will improve the safety of the bridge and provide increased driver sight distances while also providing increased shoulder widths on US 6. This project includes the construction of retaining walls and also includes drainage improvements as well as correcting the vertical curves approaching the bridge which is yet another safety improvement. In addition, sidewalks and bike-lanes will be constructed along Garrison Street to improve pedestrian access and safety in the area.

This project has not gone to bid yet and therefore a contractor has not been selected. Once a contractor has been selected more information will become available. Construction on this project is set to begin late 2014 and

Project Contacts

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- Projects
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About Streamlined Design -Build

Simpler Projects

One Step Qualification

Abbreviated RFP

Book One is the Green Book

Time is a concern

Low risk project

- Within Existing ROW
- CATEx
- <http://www.coloradodot.info/business/designsupport/innovative-contracting-and-design-build/documents/sdb-at-cdot/view>

A Water Quality Moment



About the Project



Required Elements

Replace Existing Bridge

Correct Vertical Curve on US 6

4' inside shoulders, 12' outside

Maintain Traffic

- 3 lanes on US 6
- Access to and from Garrison
- Heavy pedestrian and bicycle use

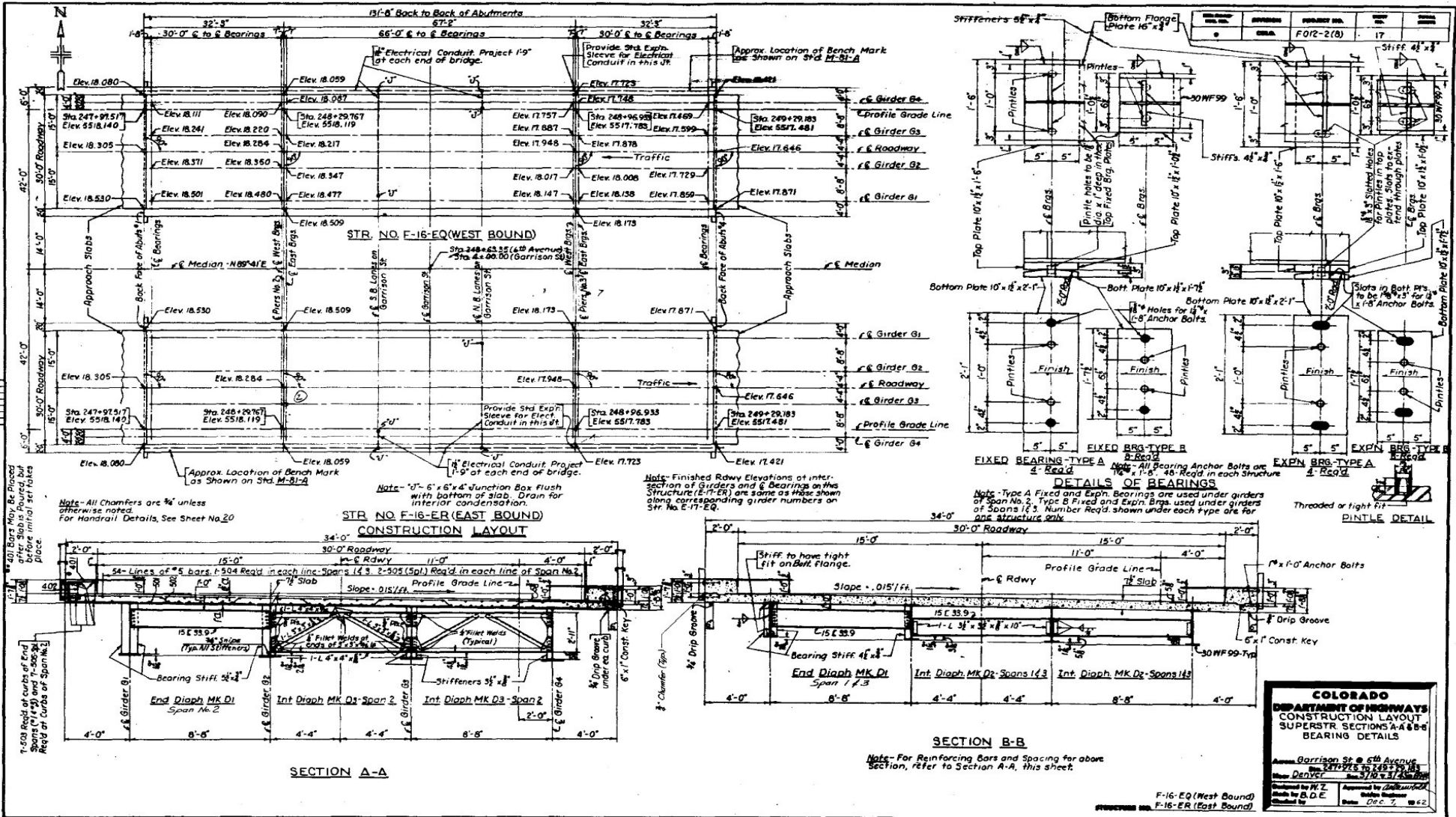
14'-6" Clearance on Garrison

Do not exceed 5' fill on US 6

- Or noise walls are included

- Within CDOT ROW
 - Any addl. takes are on the contractor
- CATEX
 - We sign the top half
- No PWQ
 - If you follow the rules
- QA by CDOT
- Fixed Completion - 10/31/2015
- Low Bid

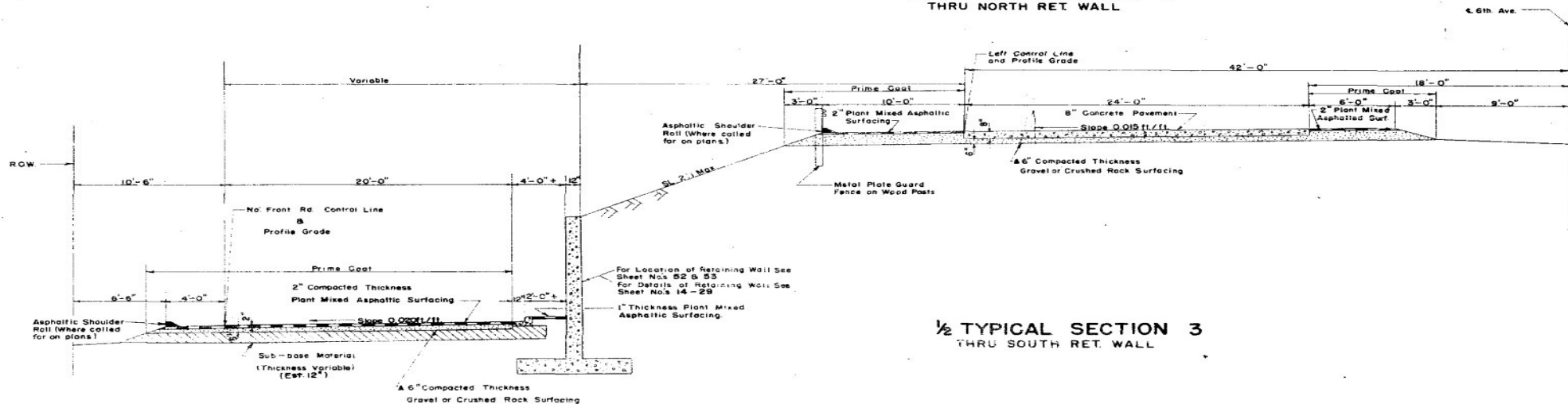
Originally Two Bridges



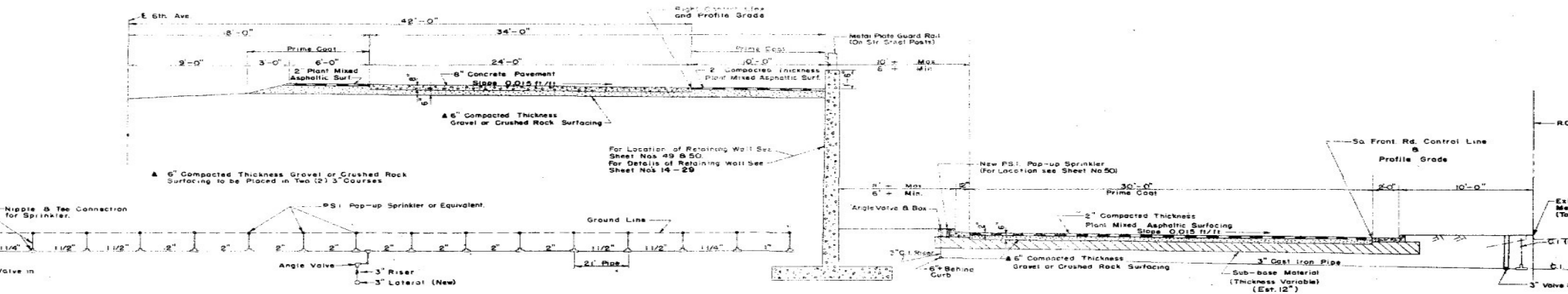
Gravity Walls SE and NW

FEDERAL ROAD RECORD NO.	DISTRICT	PROJ. NO.
8	COLORADO	FO12-2(8)

1/2 TYPICAL SECTION 2
THRU NORTH RET WALL



1/2 TYPICAL SECTION 3
THRU SOUTH RET WALL

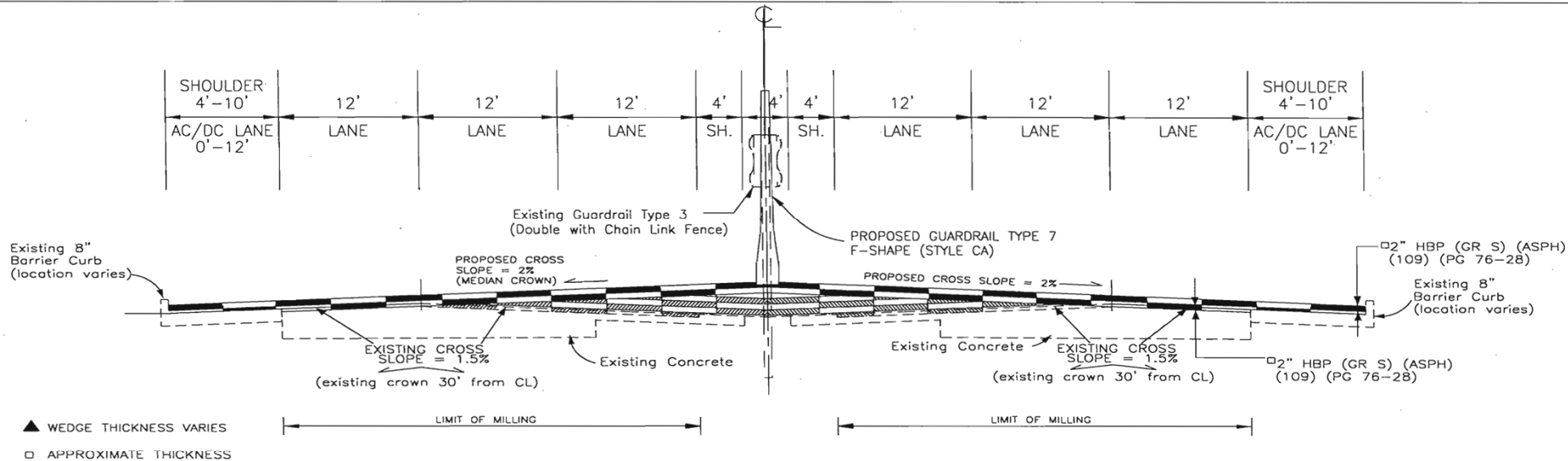


TYPICAL SPRINKLER BANK

Third Bridge in the Center

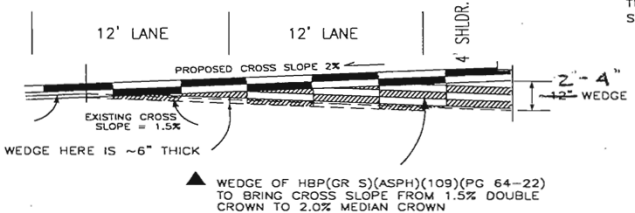


The Big Wedge

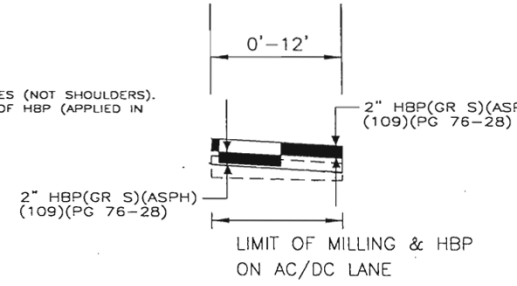


US 6 (BIG WEDGE)
 TYPICAL SECTION 2
 ~STA. 229+22 TO STA. 240+50 and
 ~STA. 258+35 TO STA. 294+50 and

DETAIL OF INSIDE LANES FOR CROSS SLOPE MODIFICATION



MILL OFF 1.5" (TO GET RID OF 1 1/2" PLANT MIX SEAL COAT AND 3/4" WHEEL RUTS) FULL WIDTH OF TRAVEL LANES (NOT SHOULDERS). THE CHANGE IN CROSS SLOPE FROM 2% DOUBLE CROWN TO 2% MEDIAN CROWN WILL COME ABOUT WITH A WEDGE OF HBP (APPLIED IN SEVERAL 3" MAXIMUM LIFTS BEFORE THE FIRST FULL WIDTH LIFT IS APPLIED)



Computer File Information	
Creation Date:	01\09\98 Initials: SHK
Last Modification Date:	11\08\99 Initials: BWD
Full Path:	C:\PROJECTS\12023\GTY.DWG
Drawing File Name:	GTY.DWG
Acad Ver.	R14 Scale: X:XXX Units: English

Sheet Revisions	

Colorado Department of Transportation
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 Region 6 Design DEW

As Constructed
No Revisions:
Revised: 11/10/01
Void:

Typical Section	
Designer:	Structures
Detailer:	Numbers
Sheet Subset:	Subset Sheets: 2 of 4

Project No./Code
NH 0062-011
12023
Sheet Number 4

Narrowing at Bridge



Denver Water

60" High Pressure

11' to top of pipe

Crosses near Holland

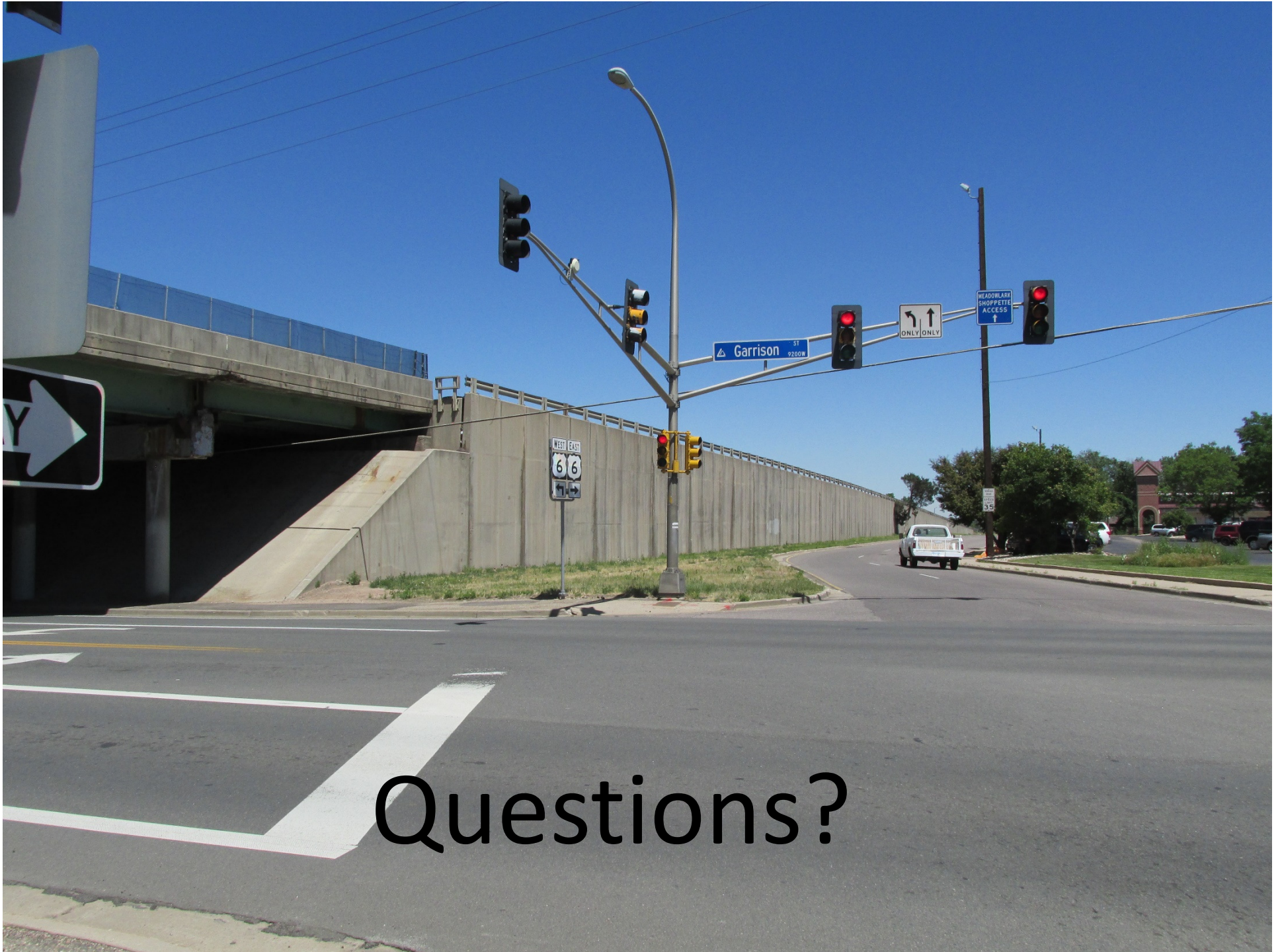
6" variance +/-

Protect in Place

SUBJECT TO CHANGE

Local Business on Garrison





Questions?