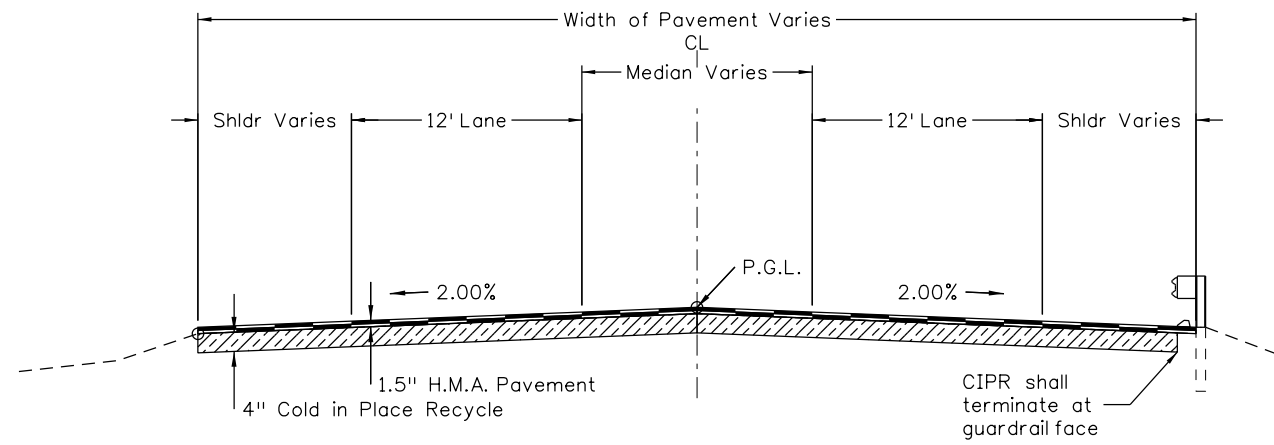
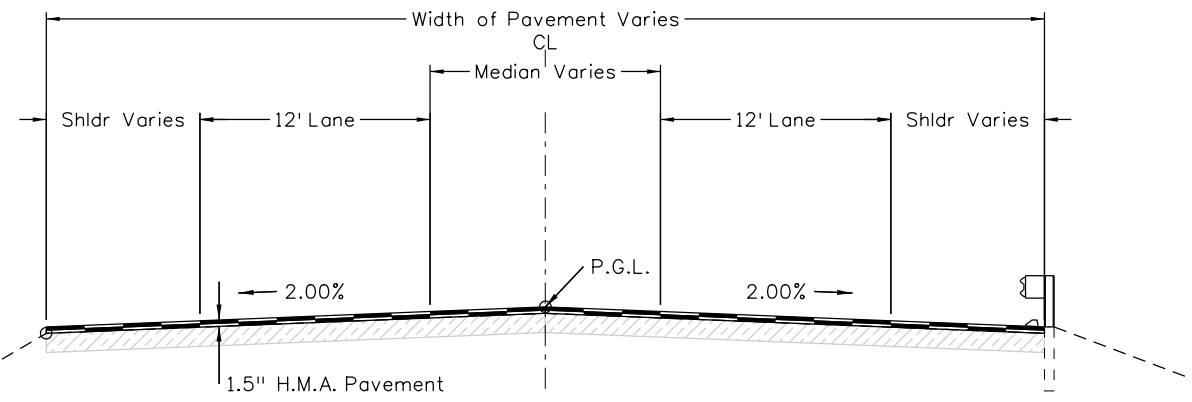


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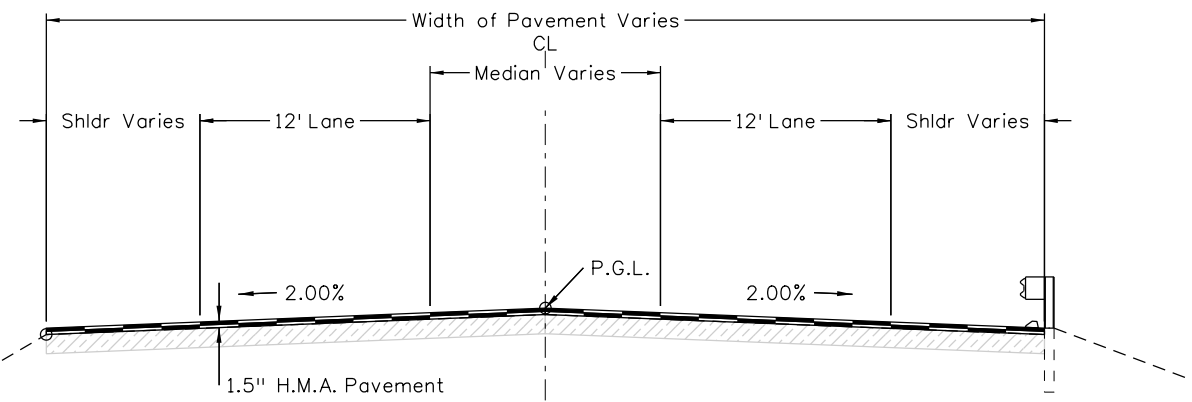
4" Cold In-place Recycle and 1.5" HMA ST 75 PG 58-28 Overlay
STA 2+00 (Begin Site A) to 926+69 (Hybrook Road S)



2" HMA ST 75 PG 58-28 Overlay
STA 926+69 (Hybrook Road S) to STA 939+89 (End Site A)



1.5" HMA ST 75 PG 58-28 Overlay
STA 1000+00 (Begin Site B) to 1750+66 (End Site B)



STA 067A-039 (21254)				
Design Parameters				
	SH 67F	SH 67D		
Design Life (Years)	20	10		
18-Kip ESALS	857,000	246,000		
Heavy Trucks (Cumulative)	1,707,710	351,723		
Operational Speed (MPH)	55	55		
Effective Binder Content (%)	10.7	10.7		
Voids (%)	5.5	5.5		
Reconstruction Pavement Thickness (in)	----	----		
CIP Thickness (in)	4	0		
Overlay Thickness (in)	2	1.5		
HMA Grading	ST	ST		
HMA Design Gyration	75	75		
HMA Grading (top lift)	PG 58-28	PG 58-28		
HMA Grading (bottom lifts)	----	----		
Distress Prediction Summary				
	Target	Predicted	Target	Predicted
Terminal IRI (in/mile)	200	124.01	200	93.27
Reliability (%)	90	100	90	100
Permanent Deformation (in)	0.8	0.21	0.8	0.18
Reliability (%)	90	100	90	100
AC Total Fatigue Cracking (%)	35	1.59	35	1.63
Reliability (%)	90	100	90	100
AC Total Transverse Cracking (ft/mile)	2500	188.35	2500	205.53
Reliability (%)	90	100	90	100
Permanent Deformation - AC Only (in)	0.65	0.15	0.65	0.12
Reliability (%)	90	100	90	100
AC Bottom-Up Fatigue Cracking (%)	25	0	25	0
Reliability (%)	90	100	90	100
AC Thermal Cracking (ft/mile)	1500	0.53	1500	1
Reliability (%)	90	99.96	90	100
AC Top-Down Fatigue Cracking (ft/mile)	3000	280.06	3000	660.19
Reliability (%)	90	100	90	100

Print Date: 2/27/2017
File Name: 21254DES_TypSect01.dgn
Horiz. Scale: 1:10 Vert. Scale: As Noted
Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
1480 Quail Lake Loop, Suite A
Colorado Springs, CO 80906
Phone: 719-227-3231 FAX: 719-227-3298
Region 2 **DLH**

As Constructed	TYPICAL SECTION SHEET			Project No./Code
No Revisions:				STA 067A-039
Revised:	Designer: AWG	Structure Numbers		21254
Void:	Sheet Subset: TypSec	Subset Sheets: 1 of 2		Sheet Number 3

