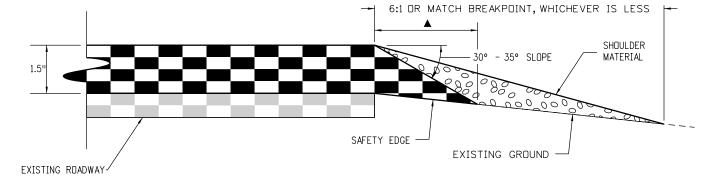


STA 067A-03		54)				
Design Par	ameters					
	SH	67F	SH 67D			
Design Life (Years)	20		10			
18-Kip ESALS:	857,000		246,000			
Heavy Trucks (Cumulative):	1,707,710		351,723			
Operational Speed (MPH):	55		55			
Effective Binder Content (%):	10).7	10.7			
Voids (%):	5	5.5		5.5		
Reconstruction Pavement Thickness (in):						
CIP Thickness (in):		4	0			
Overlay Thickness (in):	3	2	1.5			
HMA Grading:	S	ST		ST		
HMA Design Gyrations:	75					
HMA Grading (top lift)	PG 5	8-28	PG 58-28			
HMA Grading (bottom lifts)		¥		12		
Distress Predict	ion Sumn	nary				
	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	(
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		

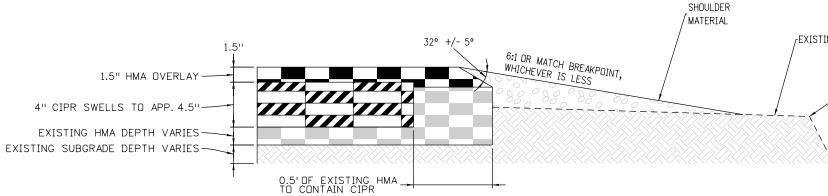
Print Date: 2/27/2017			Sheet Revisions	_	Colorado	Department of Transportation	As Constructed			Project No./Code
File Name: 21254DES_TyplSect01.dgn		Date:	Comments	Init.				TYPICAL SE	CTION SHEET	
Horiz. Scale: 1:10 Vert. Scale: As Noted	\bigcirc					1480 Quaillake Loop, Suite A	No Revisions:			STA 067A-039
Unit Information Unit Leader Initials	\bigcirc					1480 QuailLake Loop, Suite A Colorado Springs, CD 80906	Revised:	Designer: AWG	Structure	21254
	\bigcirc					THOME. 713 227 3231 TAX. 713 227 3230		Detailer:	Numbers	
	\bigcirc				Region 2	DLH	Void:	Sheet Subset: TypSec	Subset Sheets: 1 of 2	Sheet Number 3

GENERAL NOTES

- WEDGE DEVICE WILL BE ADDED TO THE SCREED OF THE PAVING MACHINE.
- THE SAME COMPACTION RESULTS.
- WILL NOT PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
- ▲ SAFETY EDGE WITH A 30°-35° SLOPE AND SHOULDER MATERIAL (SEE SAFETY EDGE DETAILS).
- T TOTAL THICKNESS OF THE PAVEMENT STRUCTURE FROM TOP OF PAVEMENT TO TOP OF SUBGRADE.



SAFETY EDGE DETAIL FOR 1.5" HMA OVERLAY (NOT TO SCALE)



SAFETY EDGE DETAIL FOR OVERLAY AND COLD-IN PLACE RECYCLE (NOT TO SCALE)

Print Date: 2/27/2017		Sheet Revisions			Colorado Department of Transportation	As Constructed	
File Name: 21254DES_TyplSect02.dgn		Date:	Comments	Init.			-
Horiz. Scale: 1:1 Vert. Scale: As Noted					1480 QuailLake Loop, Suite A	No Revisions:	
Unit Information Unit Leader Initials					Colorado Springs, CD 80906 Phone: 719-227-3231 FAX: 719-227-3298	Revised:	Designer
	\square						Detailer:
	$\left \right $				Region 2 DLH	Void:	Sheet S

1. THE SAFETY EDGE WILL BE CONSTRUCTED AS PART OF THE ROADWAY PAVEMENT. A SHOULDER

2. THE CONTRACTOR MAY USE A SHOULDER WEDGE MAKER OR A SIMILAR DEVICE THAT PRODUCES

3. SHORT SECTIONS OF HANDWORK WILL BE ALLOWED WHEN NECESSARY FOR TRANSITIONS AND TURNOUTS.

ALTERNATIVE.

4. SITE PREPARATION AND ADDITIONAL EARTHWORK REQUIRED TO CONSTRUCT THE SAFETY EDGE

LEGEND



 \bigcirc

__ SUBGRADE Z SLOPE 50:1 OR STEEPER. (2%) MINIMUM 4" TOPSOIL OR SPECIFIED

FEXISTING GROUND

∽EXISTING BREAKPOINT

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