#### SAFETY EDGE EVALUATION





# **Evaluation of the Safety Edge Pooled Fund Project**

- After momentum of the workshop, FHWA R&D has established a pooled fund project to evaluate the effectiveness of the Safety Edge
- 7 States now involved: CA, GA, IN, MS, NC, NY, UT
- Each state has committed \$45,000 over 3 years

#### **EDO Treatment Evaluation Planning**

- Task within HSIS
- Being conducted by Midwest Research Institute Jerry Graham
- Goals
  - Determine if safety-edge evaluation can be done (i.e., will safety edge be implemented soon, and do adequate crash and inventory data exist?)
  - Design study and "freeze" before data (including details of EDO at treatment sites)

#### **Current Status**

- Potential States identified through various sources:
  - Alabama, California, Georgia, Idaho, Indiana, Iowa, Kansas, Kentucky, Mississippi, Nevada, New York, North Carolina, Vermont, Virginia

#### HSIS states:

- California: May implement at some resurfacing sites in 2005. Would be open to assigning treatment and control sites
- North Carolina: No plans to implement in 2005, but interested in study results

#### **Potential States**

- To control for effects of resurfacing, must have newly resurfaced sites with and without the treatment
- States that will implement in 2004
  - Indiana and New York (yes, a few)
  - California and Georgia (maybe a few)
- Would use these sites if "contractor training" is satisfactory to the state
- But probably use 2005 sites instead



#### PAVER MODIFICATIONS

"Shoe" Installed in Screed



#### **DURING PAVING**

The "Safety Edge"

#### FINAL STEP



### INDIANA CONTRACT DETAIL

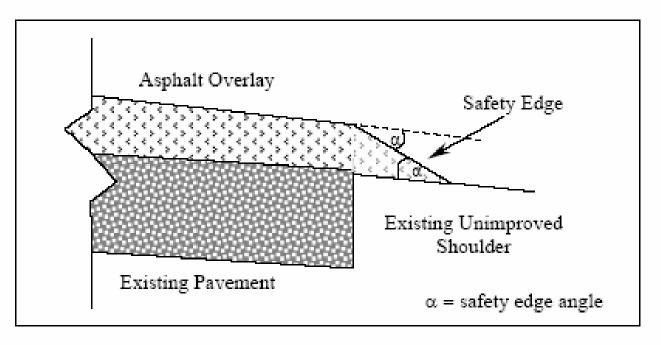


FIGURE 1: Safety Edge Detail

## INDIANA 2005 SITES

	Ro	ad	District	Contract #		DES	From	RP	То	RP	ADT	#Ln	PShld	Ln W	D/O	Scope	Length
1	SR	18	Craw	RS	27756	0200559	E Jct US 52	10.22	US 231	26.65	1100	2	0	13	3".	2 Lay	16.43
2	US	136	Craw	RS	27749	0400369	US 41	16.98	Fount/Mont CL	25.33	2700	2	0			2 Lay	8.35
3	SR	39	Sey	RS		0400659	SR 67	21.46	SR 142	23.59	3000	2	0			2 Lay	2.13
4	SR	42	Craw	RS	27737	0400373	US 231	33.00	Little Point	46.65	1000	2	0	10	2"	2 Lay	13.65
5	SR		Vin	RS		0100929	SR 66	0.00	I-64	10.95	2600	2	0			2 Lay	10.95
6	SR	37	Vin	RS		0100931	SR 62	29.56	SR 64	38.46	1400	2	0			2 Lay	8.90
7	SR	11	Sey	RS		0400658	US 50	38.17	I-65	43.30	6000	2	2'			2 Lay	5.13
8	SR	101	Sey	RS	26402	9902420	SR 1	17.97	Franklin/Union CL	26.58	4100	2	2'			2 Lay	8.61
9	SR	62	Vin	RS		0200868	SR 61	44.00	US 231	58.02	3400	2	2'			2 Lay	14.02
10	US	231	LaP	RS	27584	0301089	SR 114	251.83	SR 14	258.14	6400	2	2'			2 Lay	6.31
11	SR	44	GrnFld	RS	27543	0300471	Rush/Fayette CL	63.00	SR 121	71.51	7100	2	2'			2 Lay	8.51
12	SR	64	Vin	RS		0200866	SR 161	41.89	US 231	46.27	6500	2	1'			2 Lay	4.38
13	US	136	Craw	RS	27759	0400377	SR 39	59.02	W of Brownsburg	67.37	5600	2	2'	12	2"	2 Lay	8.35
14	SR	26	GmFld	RS	27547	0300476	SR 1	130.40	SR 67	138.00	1000	2	0			1 Lay	7.60
15	SR	39	Sey	RS		0400661	SR 56	0.00	SR 250	15.59	1300	2				1 Lay	15.59
16	SR	68	Vin	RS	27769	0100982	SR 65	13.82	SR 57	26.82	2000	2	0			1 Lay	13.00
17	SR	17	LaP	RS	27799	0301087	Northern Ave (Logansport)	1.42	SR 16	7.96	2600	2	0			1 Lay	6.54
18	SR	44	Sey	RS		0400679	SR 37	0.00	SR 135	13.63	1900	2	0			1 Lay	13.63
19	SR	160	Sey	RS		0400690	SR 60	0.00	US 31	18.24	1900	2	0			1 Lay	18.24
20	SR	58	Sey	RS		0400682	SR 135	105.00	Jackson/Barth CL	111.45	1000	2	0			1 Lay	6.45
			Constru														
			Control :	Sect	ion for (	Comparison											









