



2023 Industry Projections Meeting

5801 Lipan St, Denver (Brannan Training Room)

Tues Nov 29th, 2022

11:00 Lunch

11:30 Industry Projections

- Welcome & Introductions
- Upcoming Events
 - Christmas Reception Dec 9
 - CAPA Marketing Meeting Dec 16
 - RMACES 50th Annual Conference Feb 8-9
 - CAPA 40th Anniversary
- CAPA Business
 - NCAT Scholarship Dec 6
 - CAPA Workforce Development Committee Dec 14
- Industry Update
 - CP-52 Industry Workgroup
 - Asphalt Industry Forum Dec 9
 - CAPA EPD Workgroup Dec 15
- Industry Projections
 - Local Agency
 - Federal Heights, Centennial, Boulder, Denver, Aurora, Douglas County, Clear Creek County
 - CDOT Asphalt Program
 - Michael Stanford, CDOT Asphalt Program Mgr.

2023 Projections (Local Agency)

CITY OF FEDERAL HEIGHTS (Jeff Hill & Victoria Arnot)

CITY OF CENTENNIAL (Patrick Gunn)

CITY OF BOULDER (Tim Paradis)

CITY AND COUNTY OF DENVER (Amy Strouthopoulos)

CITY OF AURORA (Nicholas Johnson)

DOUGLAS COUNTY (Dan Roberts, Asst. Director of Operations)

We have a smaller overlay program planned in 2023, about 20,000 tons of HMA and 3,000 tons of SMA. This is a temporary reduction in our overlay program; we expect to be back over 100,000 tons HMA in 2024.

CLEAR CREEK COUNTY (Bill Schiebel, Sr. Transportation Engineer)

PW 22-04 Pavement Overlay. A pre-bid meeting is scheduled on Thursday, January 5th, 2023 at 10:00 AM and will be held via Zoom. 2" HMA overlay and various patching sections for approximately 2.7 miles of County Road 170 between the two intersection with Highway 103

Work During Calendar Year 2023 CDOT ANNUAL PAVEMENT PROJECT PROJECTIONS

Date 11/18/22

Region	Asphalt* Ton	Asphalt Binder Ton	Concrete* SY	Concrete* CY	Surface Treatments SY	Emulsion Gal
1	99,769	5,487	34,159	9,963	-	-
2	313,764	16,239	11,831	3,788	238,709	12,555
3	307,560	18,859	31,835	7,455	1,305,800	509,850
4	302,188	13,883	-	-	-	-
5	134,476	7,396	3,794	1,054	-	-
Totals*	1,157,757	61,864	81,619	22,260	1,544,509	522,405

Region	58-28* tons	58-34* tons	64-22 * tons	64-28* tons	76-28* tons	CRS-2P* Gal
1	-	-	61	-	5,426	-
2	9,633	368	146	3,407	2,684	-
3	6,086	6,528	-	2,150	4,095	509,850
4	-	-	5,607	8,276	-	-
5	5,225	831	-	1,340	-	-
Totals*	20,944	7,727	5,815	15,173	12,205	509,850

Region	S tons	SX tons	SG tons	SMA tons	ST tons	Other tons	Single Chip Seal SY	Double Chip Seal SY
1	1,116	77,224	-	21,429	-	-	-	-
2	-	267,611	-	18,517	27,636	-	-	-
3	-	274,350	-	-	33,210	-	1,305,800	-
4	101,953	200,235	-	-	-	-	-	-
5	-	68,128	-	24,360	54,307	-	-	-
Totals*	103,069	887,548	-	64,306	115,153	-	1,305,800	-

Notes:

Disclaimer: The projects listed and the quantities associated with each project are approximate and based on the best information available at the time. These are primarily large paving projects. There may be changes to the projects and quantities listed at any time, based on shifting priorities, funding, potential pavement type selection committee results, alternative bids, etc., without notice.

CDOT Historical Projected and Actual Data

Year	Projected Tons	Actual Tons	Percentage
2014	1,290,679	1,370,184	106%
2015	1,154,054	1,343,902	116%
2016	1,318,433	1,673,068	127%
2017	1,009,944	1,036,222	103%
2018	997,927	1,437,500	144%
2019	1,259,920	1,130,102	90%
2020	978,270	1,342,174	137%
2021	938,056	1,871,674	200%
2022 **	1,295,458		
2023 *	1,157,757		

Notes:

** Actual tons for 2022 are still being compiled.

* The Projected tons are based on Region Estimates for Construction Season 2023, and may include tonnage from other FY budgets besides FY 2023.

**Work During Calendar Year 2023
CDOT ANNUAL ASPHALT PAVEMENT
PROJECT PROJECTIONS**

Date 11/18/22

Region	Project No.	Location	BMP	EMP	Sub Account	Gradation	Gyrations	Tons of Mix	Binder Type	Binder Tons	Unique Specs*	Ad Period*	Start Date	HIPR, CIPR
1	NHPP 0931-033	SH-93 Foothills Rd. US-6 to W. 58th Ave.	0	3.1	23327	SX	100	19,191	76-28	1,056	Void Acceptance	Early		
1	NHPP 0931-033	SH-93 Foothills Rd. US-6 to W. 58th Ave.	0	3.1	23327	S	100	1,116	64-22	61	Void Acceptance	Early		
1	NHPP 0021-041	SH-2 Colorado Blvd.	7.45	9.77	23554	SMA		12,393	76-28	682	SMA	Early		
1	NHPP 085A-020	US-85 I-76 to 124th Ave.	226.8	230.27	23369	SX	100	17,789	76-28	978	Void Acceptance	Early		
1	NHPP 083A-046	SH-43 Stroth Rd. to Hilltop Rd.	96.8	98.9	24447	SMA		9,036	76-28	497	SMA	Early		
1	NHPP 0703-505	I-70 Milepost 221 to 231.9 eastbound	221	231.9	24884	SX	100	40,244	76-28	2,213	Void Acceptance	Early		

Region 1 Summary	
\$	1,116
SX	77,224
SG	0
SMA	21,429
ST	0
Other	0

Region 1 Summary	
76-28	5,426
70-28	0
64-28	0
58-34	0
64-22	61
58-28	0
Unknown	0
R1 PG Tons	5,487
R1 Mix Tons	99,769

2	STM 0252-484	Filmore to Garden of the Gods Minor Rehab/Aux Lane	144.0	146.0	22827	SX	75	49,611	58-28	2,729		Early	Spring	No
2	STM 0252-484	Filmore to Garden of the Gods Minor Rehab/Aux Lane	144.0	146.0	22827	SMA		18,517		1,018	SMA	Early	Spring	No
2	SHE 067A-044	SH 67 Safety Improvements (67D)	90.0	91.0	22242	SX	75	2,200	58-28	121		Late	Summer	No
2	SHE 067A-044	Sh 67 Safety Improvements (67F)	57.0	58.0	22242	SX	75	2,200	58-28	121		Late	Summer	No
2	STA M420-001	US 285/ SH 96C Improvements	64.7	64.9	20638	SX	75	9,921	58-28	546		Early	Spring	No
2	STA M420-001	US 285/ SH 96C Improvements	182.5	183.4	20638	SX	75	6,690	58-34	368		Early	Spring	No
2	NH 02-02-092	US 24A Divide to Chipita Park/ Re-Advertisement - SCHD B	281.0	291.0	23188R	SX	75	60,330	64-28	3,318		Early	Spring	No
2	STA 207A-004	SH 207 SH 266 Minor Rehab/ Re-Advertisement	0.0	17.0	21191R	SX	75	24,853	58-28	1,367		Early	Spring	No
2	STR 096A-050	SH96 Eads to Sheridan Lake Minor Rehab	169.0	293.8	24193	ST	50	27,636	58-28	1,520		Early	Spring	No
2	STR 096A-050	SH96 Eads to Sheridan Lake Minor Rehab	169.0	293.8	24193	SX	75	40,332	58-28	2,218		Early	Spring	No
2	IM 0251-354	I25 Minor Rehab Butte Creek North	59.0	64.0	23697	SX	75	36,577	76-28	2,012		Early	Spring	No
2	IM 025A-050	Drew Dix Frontage Road and Roundabout	103.8	104.0	24935	SX	75	4,662	58-28	256		Early	Spring	No
2	IM 025A-050	Drew Dix Frontage Road and Roundabout	103.8	104.0	24395	SX	75	1,564	76-28	86		Early	Spring	No
2	STR 194A-002	SH194 Minor Rehab and Flooding Prevention	10.1	19.5	24198	SX	75	13,737	58-28	756		Late	Summer	No
2	NH 050-039	US50 Las Animas Minor Rehab	397.0	400.3	23592	SX	75	10,654	76-28	586		Late	Summer	No
2	STA 385A-016	SH385 Re-alignment and Bridge Replacement	96.5	98.5	20907	SX	100	2,660	64-22	146		Late	Summer	No
2	STA 385A-016	SH385 Re-alignment and Bridge Replacement	96.5	98.5	20907	SX	100	1,620	64-28	89		Late	Summer	No

Region 2 Summary	
\$	0

Region 2 Summary	
76-28	2,684

**Work During Calendar Year 2023
CDOT ANNUAL ASPHALT PAVEMENT
PROJECT PROJECTIONS**

Date 11/18/22

Region	Project No.	Location	BMP	EWP	Sub Account	Gradation	Gyrations	Tons of Mix	Binder Type	Binder Tons	Unique Specs*	Ad Period*	Start Date	HIPR, CIPR
	70-28	0		SX	267,611									
	64-28	3,407		SG	0									
	58-34	368		SMA	18,517									
	64-22	146		ST	27,636									
	58-28	9,633		Other	0									
	Unknown	0												
	R2 PG Tons	16,239												
	R2 Mix Tons	313,764												

3	23475	I-70B and SH 141B Mesa County Resurfacing	159.9	162.3		SX	100	40,500	76-28	2,430	Voids Acceptance	Early		
3	21415	US 6 Clifton	37.2	37.9		SX	100	2,250	76-28	335		Early		
3	19771	US 6 / 20 Rd Improvements	23.18	23.97		SX	100	6,000	76-28	360				
3	22020	US 550 Otter Road	117.3	126.1		SX	75	36,000	64-28	2,150	Voids Acceptance	Early		
3	23557	US 50 Blue Mesa Passing Lanes	134.77	136.08		SX	75	12,500	58-34	740				
3	24233	SH 64 and SH 13 at Meeker	63.1	73.7		SX	75	28,000	58-34	1,660	Voids Acceptance	Early		
3	24237	I-70 East of DeBeque	65	68		SX	100	16,200	76-28	970	Voids Acceptance	Early		
3	24404	Vail Pass Aux Phase 1 CAP 3	184.6	185.45		SX	75	7,100	58-28	426				
3	24166	SH 9 North of Silverthorne and Chip Seal	107	112		SX	75	17,800	58-34	1,068		Early		
3, 5	23560	SH 114 Sillsville South	0.17	22		SX	75	35,000	58-34	2,100	Voids Acceptance	Early		
3, 5	23560	SH 114 Sillsville South	0.17	22		ST	75	21,810	58-28	1,480	Voids Acceptance	Early		
3	23499	SH 318 Browns Park East	0	12.5		SX	75	16,000	58-34	960	Voids Acceptance	Early		
3	23499	SH 318 Browns Park East	0	12.5		ST	75	11,400	58-28	780	Voids Acceptance	Early		
3	24567	Vail Pass Aux Phase 1 CAP 4	185.45	190.8		SX	75	57,000	58-28	3,400				

Region 3 Summary	
S	0
SX	274,350
SG	0
SMA	0
ST	33,210
Other	0

Region 3 Summary	
76-28	4,095
70-28	0
64-28	2,150
58-34	6,528
64-22	0
58-28	6,086
Unknown	0
R3 PG Tons	18,859
R3 Mix Tons	307,560

**Work During Calendar Year 2023
CDOT ANNUAL ASPHALT PAVEMENT
PROJECT PROJECTIONS**

Date 11/18/22

Region	Project No.	Location	BMP	EMP	Sub Account	Gradation	Gyrations	Tons of Mix	Binder Type	Binder Tons	Unique Specs*	Ad Period*	Start Date	HIPR, CIPR
4	STA 0361-129	36B: Lyons South	19.8	28	24063	SX	75	19,030	64-28	1,047	Voids Acceptance	Early		
4	STU 119A-071	SH: 119 Nederland West to Roundabout	22.75	25,754	24171	SX	75	10,355	64-28	570	Voids Acceptance	Early		
4	STU 119A-071	SH: 119 Nederland West to Roundabout	22.75	25,754	24171	S	75	2,152	64-22	118	Voids Acceptance	Early		
4	NHPP 0653-126	US385C: Platteville North Resurfacing	249.5	256	24200	SX	100	28,946	64-28	1,592	Voids Acceptance	Early		
4	NHPP 0653-126	US385C: Platteville North Resurfacing	249.5	256	24200	S	100	4,274	64-22	235	Voids Acceptance	Early		
4	STA 2571-014	SH257 Windsor Resurfacing Eastman to 34	5.6	9,519	23603	SX	75	9,982	64-28	549	Voids Acceptance	Early		
4	STA 2571-014	SH257 Windsor Resurfacing Eastman to 34	5.6	9,519	23603	S	75	14,973	64-22	824	Voids Acceptance	Early		
4	STA 257A-007	SH 257 Windsor Resurfacing	9.519	10,404	23423	SX	75	3,055	64-28	168	Voids Acceptance	Early		
4	STA 257A-007	SH 257 Windsor Resurfacing	9.519	10,404	23423	S	75	7,638	64-22	420	Voids Acceptance	Early		
4	STA 3852-015	US 385 Holyoke North	278	290	20867	SX	75	24,781	64-28	1,363	Voids Acceptance	Early		
4	STA 3852-015	US 385 Holyoke North	278	290	20867	S	75	26,558	64-22	1,571	Voids Acceptance	Early		
4	STA 0711-021	SH71: Region Line North	48,685	63.8	24208	SX	75	49,873	64-28	2,743	Full Depth Reclamation	Early		
4	STA 0711-021	SH71: Region Line North	48,685	63.8	24208	S	75	44,358	64-22	2,440	Full Depth Reclamation	Early		
4	STA 068A-008	SH66 @ WCR 7 Intersection Improvements	41.35	42.5	21657	SX	75	4,449	64-28	245	Voids Acceptance	Early		
4	STA 0141-029	SH14B Cameron Pass East	64,928	75.55	21472	SX	75	49,764		2,737	Voids Acceptance	Late		

Region 4 Summary	
S	101,953
SX	200,235
SG	0
SMA	0
ST	0
Other	0

Region 4 Summary	
76-28	0
70-28	0
64-28	8,276
58-34	0
64-22	5,607
58-28	0
Unknown	0
R4 PG Tons	13,883
R4 Mix Tons	302,188

5	NHPP 1602-182	US 160 West of Pagosa Springs	135.5	144.3	23505	ST	75	15,810	58-28	870	Night Paving	Early		
5	same	same	same	same	same	SMA	100	24,360	64-28	1,340	SMA	Early		
5	172A-002	SH 172 Ignacio to US 160	8.3	25.0	24092	ST	75	25,829	58-28	1,421	Voids Acceptance	Early		
5	same	same	same	same	same	SX	75	36,632	58-28	2,015	Voids Acceptance	Early		
5	C 0502-089	US 50 & US 285 Intersection Improvement	210.0	217.4	23497	ST	75	12,668	58-28	697	RAP	Early		
5	same	same	same	same	same	SX	75	15,115	58-34	831	RAP	Early		
5	NHPP 1602-179	US 160 / CR 225 Roundabout LaPlata County	93.8	94.3	23001	SX	75	4,062	58-28	223	RAP	Early		Concrete List - Roundabout

Region 5 Summary	
S	0

Region 5 Summary	
76-28	0

* Pavement Type TBD

**Work During Calendar Year 2023
CDOT ANNUAL ASPHALT PAVEMENT
PROJECT PROJECTIONS**

Date 11/18/22

Region	Project No.	Location	BMP	E/M ^P	Sub Account	Gradation	Gyrations	Tons of Mix	Binder Type	Binder Tons	Unique Specs*	Ad Period**	Start Date	HPR, CIPR
	70-28	0		SX	68,128									
	64-28	1,340		SG	0									
	58-34	831		SMA	24,360									
	64-22	0		ST	54,307									
	58-28	5,225		Other	0									
	Unknown	0												
	R5 PG Tons	7,396												
	R5 Mix Tons	134,476												

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State Totals	
76-28	12,205
70-28	0
64-28	15,173
58-34	7,727
64-22	5,815
58-28	20,944
Unknown	0
Total PG Tons	61,864
Total Mix Tons	1,157,757

Disclaimer: The projects listed and the quantities associated with each project are approximate and based on the best information available at the time. These are primarily large paving projects. There may be changes to the projects and quantities listed at any time, based on shifting priorities, funding, potential pavement type selection committee results, alternative bids, etc., without notice.

* Examples of Unique Specifications include: SMA, RAP, FDR (full-depth reclamation), night paving, Void Acceptance (voids), CIPR (Cold In Place Recycle, HPR (Hot In Place Recycle)

** Anticipated Advertisement Date:

Early - construction likely during the year - ad date prior to July 1

Late - construction possible during the year - ad date after July 1

**Work During Calendar Year 2023
CDOT ANNUAL CONCRETE PAVEMENT
PROJECT PROJECTIONS**

Date 11/18/2022

Region	Project No.	Location	BMP	EMP	Sub Account	Square Yards	Thickness (Inches)	Cubic Yards	Fast Track (%)	Unique Specs	Ad Period*	Start Date
1	NHPP 0761-239	I-76 York St. to Dahlia	7.1	8.6	23599	34,159	10.5	9,963			Early	

R1 Totals	34,159		9,963
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2	STR 2871-040	SH287 South of Lamar Preventive Maintenance	0	21	23698	2,240	9.5	591	0		Late	Summer
2	STR 2871-040	SH287 South of Lamar Preventive Maintenance	21	30	23698	1,500	12	500	0		Late	Summer
2	STR 194A-002	SH194 Minor Rehab and Flooding Prevention	19.5	20.1	24198	8,091	12	2,697	0		Late	Summer

R2 Totals	11,831		3,788
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3	24229	I-70 Rifle to Silt Slab Replacement PH 3	86.5	97		18,135	8	4,030	100	Fast Track	Early	
3	21415	US 6 Clifton	37.2	37.9		13,700	9	3,425	3.3	Fast Track	Early	

R3 Totals	31,835		7,455
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4												
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R4 Totals	0		0
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5	NHPP 1602-179	US 160 / CR 225 Roundabout LaPlata County	93.8	94.3	23001	3,794	10	1,054	80-100	Fast Track	Early	1-Mar
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R5 Totals	3,794		1,054
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* Pavement Type TBD

Square Cubic

Early - construction likely during the year - ad date

**Work During Calendar Year 2023
CDOT ANNUAL CONCRETE PAVEMENT
PROJECT PROJECTIONS**

Date 11/18/2022

Region	Project No.	Location	BMP	EMP	Sub Account	Square Yards	Thickness (Inches)	Cubic Yards	Fast Track (%)	Unique Specs	Ad Period*	Start Date
						Yards		Yards				
State Total						81,619		22,260				

Late - construction possible during the year - ad da

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**Work During Calendar Year 2023
CDOT ANNUAL SURFACE TREATMENT
PROJECT PROJECTIONS**

Date 11/18/22

Region	Project No.	Location	BMP	EMP	Sub Account	Treatment Type	Square Yards	Emulsion Type	Emulsion Gallons	Ad Period**	Start Date
1											

Region 1 Summary	
CRS-2P	0
CRS-2R	0
CMS-2P	0
HFRS-2P	0
HFMS-2P	0
CSS-1	0
HFMSZsP	0
ERA	0
ARA	0
ARA-1P	0
Unknown	0
Total Emulsion Gal.	0

Region 1 Summary	
Single Chip Seal	0
Chip Seal with RAP	0
Double Chip Seal	0
Double Chip Seal w/ Fabric	0
Cape Seal	0
Hot Chip Seal	0
Slurry Seal	0
Fog Coat w/ Sand Seal	0
Microsurfacing	0

Total Surface Treatments SY	0
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2	NH M175-029	US 50A Canon City Preventive Maintenance	278	282	23541	Microsurfacing	238,709	Unknown	12,555	Early	Spring
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Region 2 Summary	
CRS-2P	0
CRS-2R	0
CMS-2P	0
HFRS-2P	0
HFMS-2P	0
CSS-1	0
HFMSZsP	0
ERA	0
ARA	0
ARA-1P	0
Unknown	12,555
Total Emulsion Gal.	12,555

Region 2 Summary	
Single Chip Seal	0
Chip Seal with RAP	0
Double Chip Seal	0
Double Chip Seal w/ Fabric	0
Cape Seal	0
Hot Chip Seal	0
Slurry Seal	0
Fog Coat w/ Sand Seal	0
Microsurfacing	238,709

Total Surface Treatments SY 238,709

3	25081	SH 92 Chip Seal	31.7	48.5	248,800	CRS-2P	97,000	Early	*Also includes 16,400 Gal of CSS-1H
3	24247	SH 13 Chip Seal	104	126.88	568,100	CRS-2P	229,400	Early	*Also includes 38,800 Gal of CSS-1H
3	24238	SH 82 Aspen/Independence Pass Chip Seal	47.8	61.2	199,800	CRS-2P	78,450	Early	*Also includes 13,300 Gal of CSS-1H
3	24166	SH 9 North of Silverthorne and Chip Seal	126	136.93	269,100	CRS-2P	105,000	Early	*Also includes 17,800 Gal of CSS-1H
3	24167	Mountain RE FY 23 Crack Seals							

Region 3 Summary	
CRS-2P	509,850
CRS-2R	0
CMS-2P	0
HFRS-2P	0
HAMS-2P	0
CSS-1	0
HAMS2sP	0
ERA	0
ARA	0
ARA-1P	0
Unknown	0
Total Emulsion Gall.	509,850

Region 3 Summary	
Single Chip Seal	1,305,800
Chip Seal with RAP	0
Double Chip Seal	0
Double Chip Seal w/ Fabric	0
Cape Seal	0
Hot Chip Seal	0
Slurry Seal	0
Fog Coat w/ Sand Seal	0
Microsurfacing	0

Total Surface Treatments SY 1,305,800

4									
4									

Region 4 Summary	
CRS-2P	0
CRS-2R	0
CMS-2P	0
HFRS-2P	0
HAMS-2P	0
CSS-1	0
HAMS2sP	0
ERA	0
ARA	0

Region 4 Summary	
Single Chip Seal	0
Chip Seal with RAP	0
Double Chip Seal	0
Double Chip Seal w/ Fabric	0
Cape Seal	0
Hot Chip Seal	0
Slurry Seal	0
Fog Coat w/ Sand Seal	0
Microsurfacing	0

ARA	0
ARA-1P	0
Unknown	12,555
Total Emulsion Gal.	522,405

Microsurfacing	238,709
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Total Surface Treatments SY	1,544,509
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