

**2001**  
**COST DATA**  
**Maintenance Projects**



Compiled By  
**Engineering Estimates and Market Analysis Unit**  
of the  
**Agreements and Market Analysis Branch**

January 1, 2002

# **COLORADO COST DATA**

## **MAINTENANCE PROJECTS \***

### **FOREWORD**

**The Colorado Department of Transportation's Engineering Estimates and Market Analysis (EEMA) Unit, of the Agreements and Market Analysis Branch, publishes the Cost Data Book annually. A joint effort has been made between the Department's sections and the EEMA Unit to gather and record cost data for this publication.**

**The following data includes weighted average prices for items on highway maintenance projects that were bid during the 2001 calendar year. Caution should be used in applying these historical averages to specific projects. Allowances for varying geographic, climatic, social, economic conditions and type of project should be made.**

**Changes and improvements are continually being made to update and increase the usefulness for future issues. Comments and suggestions for improvements for users of this publication are welcome.**

**\* Note: These costs should only be applied to Maintenance projects, and are not representative of the majority of CDOT Construction projects.**

# 2001 COST DATA

## MAINTENANCE PROJECTS

# TABLE OF CONTENTS

	<u># OF PAGES</u>
LIST OF 2001 BID MAINTENANCE PROJECTS	2
BRIDGE COST PER SQUARE FEET	1
ITEM AVERAGE BID PRICES	4
ITEM UNIT COSTS BY PROJECT	17

BID LETTING	CONTRACTOR/ PROJECT NUMBER	LOCATION	DIST	TERRAIN	BIDS	AWARDED BID	INDEX
01012501	HOOPER FARMING CO., INC DBA MTCE 05-002	CANARY CONST MAINTENANCE SECTION 3	5	R	4	\$289,089.50	97.65
01021501	GONZALES CONSTRUCTION COMPANY, INC. MTCE 05-005	MAINTENANCE SECTION 7	5	R	4	\$247,682.67	75.86
01042604	BRASIER ASPHALT, INC. MTCE 04-003	SH 59, WASHINGTON CO. LINE N.	4	P	2	\$377,319.72	78.82
01042605	LAFARGE dba WESTERN MOBILE NORTHERN MTCE 06-003	I 70, 20TH AVE. TO SH 72	6	U	1	\$470,891.88	130.60
01050303	POWER ELECTRIC COMPANY MTCE 01-006	I70 (MP 252) & SH 40 (MP 309)	1	M	7	\$321,836.83	119.97
01050304	SCHMIDT CONSTRUCTION COMPANY MTCE 02-004	SH 67, SOUTH OF DIVIDE	2	M	4	\$378,736.80	99.07
01051705	AGGREGATE INDUSTRIES - WCR, INC, MTCE 04-004 (Alternate #3)	SH 7, 42, & 66, BOULDER AREA	4	P	2	\$235,661.85	86.84
01051706	AGGREGATE INDUSTRIES - WCR, INC, MTCE 04-005 (Alternative #3)	SH 7, 85, & 263, GREEELY AREA	4	P	2	\$179,739.70	75.89
01051707	MCATEE PAVING CO. MTCE 04-007 (Alternative #1)	SH 6, 11, 14, 59, & 113, STERL	4	P	1	\$249,780.00	100.00
01052401	LAFARGE dba WESTERN MOBILE NORTHERN MTCE 04-006 (Alternative #2)	SH 14, 34, & 287, LOVELAND ARE	4	P	4	\$200,520.00	85.02
01052402	LAFARGE dba WESTERN MOBILE NORTHERN MTCE 04-008 (Alternative #3)	SH 6, 34, 71, & 385, BRUSH ARE	4	P	2	\$293,761.50	92.50
01052403	AMERICAN CIVIL CONSTRUCTORS, INC. MTCE 04-009 (Str. C-18-BK) MTCE 04-009 (Str. C-18-J)	Highway 85 near Greeley Highway 34D near Greeley	4 4	P P	2	\$144,956.00	101.09
01052404	CONCRETE STABILIZATION MTCE 04-010 (STR. C-17-AT) MTCE 04-010 (STR. C-21-BM) MTCE 04-010 (STR. D-16-DF) MTCE 04-010 (STR. D-16-DG) MTCE 04-010 (STR. D-16-DK) MTCE 04-010 (STR. D-16-DL)	Concrete Slab Jacking, R4 Concrete Slab Jacking, R4 Concrete Slab Jacking, R4 Concrete Slab Jacking, R4 Concrete Slab Jacking, R4 Concrete Slab Jacking, R4	4 4 4 4 4 4	R R R R R R	1	\$106,020.00	102.91
01052408	LAFARGE dba WESTERN MOBILE NORTHERN MTCE 06-003	I 70, 20TH AVE. TO SH 72	6	U	1	\$441,587.54	96.74
01060701	L.G. EVERIST, INC. MTCE 01-007	R1 MACHINE PATCHING	1	M	< 3 BIDDERS & LOW BID > 10% OVER ENG EST		

Colorado Department of Transportation  
 YR2001 Cost Data Book (Maintenance)  
 PROJECTS BID FROM 01/01/01 THROUGH 12/31/01

BID LETTING	CONTRACTOR/ PROJECT NUMBER	LOCATION	DIST	TERRAIN	BIDS	AWARDED BID	INDEX
01062803	L.G. EVERIST, INC. MTCE 01-007	VARIOUS COUNTIES IN REGION 1	1	M	3	\$2,078,953.56	99.77
01071205	UNITED COMPANIES OF MESA COUNTY MTCE 05-006	SH550 MP 94.35 & MP 114.4	5	M	3	\$378,337.20	85.37
01081602	COUGAR CONSTRUCTION MTCE 01-011	I 70 EB, Vail to Vail Pass	1	M	4	\$47,629.45	107.82
01082302	QUALITY LININGS COMPANY, INC. MTCE 01-009	SH 83 AND E470 INTERSECTIONS	1	U	2	\$54,000.00	75.00
01082303	CCS ROADWAY ENTERPRISES, INC. MTCE 01-012	I 70, Vail Pass to Copper Moun	1	M	2	\$145,794.90	60.75
01090605	C&D ELECTRIC MTCE 01-002	VARIOUS LOCATIONS IN REGION 1	1	M	3	\$264,222.00	115.22
01091301	INSITUFORM TECHNOLOGIES, INC. MTCE 06-004	I 25 and I 70	6	P	1	\$50,750.00	98.54
01091302	C&D ELECTRIC MTCE 02-005	REGION 2, STREET LIGHTING	2	U	3	\$288,650.00	145.78
01101102	TLM CONSTRUCTORS, INC. MTCE 01-005	I70 and Arriba	1	D	4	\$43,321.60	133.19
01101802	YENTER COMPANIES, INC. MTCE 03-006	SH 40 MP 113.6 to 119.7	3	R	2	\$12,480.00	62.90
01102502	MAXWELL ASPHALT, INC. MTCE 05-008	R-5 HOT JOINT & CRACK SEAL	5	M	3	\$946,680.00	77.90
01110101	BFC, INC. MTCE 03-002	SH 24 near Granite	3	M	4	\$53,868.00	73.99
01110102	GONZALES CONSTRUCTION COMPANY, INC. MTCE 03-003	REGION 3 GUARDRAIL REPAIR	3	M	3	\$261,075.00	217.56
01111501	KIRKLAND CONSTRUCTION MTCE 02-006	SH 67, MP 56 to 70	2	M	6	\$278,545.00	73.83
01120601	BEST-WAY PAVING CO. MTCE 04-011	SH 36 and SH 157 in Boulder	4	R	5	\$38,001.00	68.35
01121303	EDWARD KRAEMER & SONS INC. MTCE 06-005	I 70 and I 25	6	P	6	\$453,889.54	142.54
01121304	GOODLAND CONSTRUCTION, INC. MTCE 01-008	SH 70, OVERHEAD SIGN STR.	1	R	4	\$94,920.00	135.60
					=====	=====	=====
TOTALS					95	\$9,428,701.24	96.50

Colorado Department of Transportation  
 YR2001 Cost Data Book (Maintenance)  
 BRIDGE COST PER SQUARE FOOT  
 (01/01/01 THROUGH 12/31/01)

DATE LET	PROJECT NUMBER/ PROJECT LOCATION	TERR/ BRIDGE ID	LENGTH	WIDTH	TOTAL SQUARE FT	TOTAL COST	COST PER SQUARE FOOT
BRIDGE REPAIR							
01-05-24	MTCE 04-009 (Str. C-18-J) Highway 34D near Greeley	P C-18-J	819.0000	30.0000	24570.0	\$80,406	\$3.27
01-05-24	MTCE 04-009 (Str. C-18-BK) Highway 85 near Greeley	P C-18-BK	344.0000	30.0000	10320.0	\$64,550	\$6.25
01-05-24	MTCE 04-010 (STR. D-16-DG) Concrete Slab Jacking, R4	R D-16-DG	340.0000	94.0000	31960.0	\$22,485	\$0.70
01-05-24	MTCE 04-010 (STR. D-16-DF) Concrete Slab Jacking, R4	R D-16-DF	199.0000	70.0000	13930.0	\$25,445	\$1.83
01-05-24	MTCE 04-010 (STR. C-21-BM) Concrete Slab Jacking, R4	R C-21-BM	350.0000	44.0000	15400.0	\$20,265	\$1.32
01-05-24	MTCE 04-010 (STR. D-16-DL) Concrete Slab Jacking, R4	R D-16-DL	389.0000	38.0000	14782.0	\$13,605	\$0.92
01-05-24	MTCE 04-010 (STR. D-16-DK) Concrete Slab Jacking, R4	R D-16-DK	132.0000	46.0000	6072.0	\$11,385	\$1.88
01-05-24	MTCE 04-010 (STR. C-17-AT) Concrete Slab Jacking, R4	R C-17-AT	94.0000	38.0000	3572.0	\$12,835	\$3.59
01-10-11	MTCE 01-005 I70 and Arriba	D G-23-AI	272.0000	34.0000	9248.0	\$43,322	\$4.68
WEIGHTED AVERAGE COST: NEW STRUCTURES					129854.0	\$294,298	\$2.27

INDEX AND AVERAGE UNIT BID PRICES FOR 01/01/01 THROUGH 12/31/01

ITEM NUMBER	YR ITEM	TOTAL QUANTITY	UNIT	TOTAL COST	AVERAGE PRICE
202-00200	99 Removal of Sidewalk	11	Sq Yard	727.60	66.15
202-00502	99 Removal of Portions of Present Structure	23	Cubic Yard	6,900.00	300.00
202-00504	99 Removal of Expansion Device	112	Lin Foot	21,815.36	194.78
202-01000	99 Removal of Fence	96,550	Lin Foot	33,792.50	0.35
202-01130	99 Removal of Guardrail Type 3	9,988	Lin Foot	13,483.80	1.35
202-01300	99 Removal of End Anchorage	50	Each	4,750.00	95.00
203-00010	99 Unclassified Excavation (Complete In Place)	2,665	Cubic Yard	44,052.45	16.53
203-00060	99 Embankment Material (Complete In Place)	50	Cubic Yard	4,262.00	85.24
203-01597	99 Potholing	15	Hour	3,625.95	241.73
203-02300	99 Rock Scaler	128	Hour	8,704.00	68.00
203-02310	99 Scaler Foreman	64	Hour	3,776.00	59.00
210-01130	99 Reset Guardrail Type 3	2,500	Lin Foot	46,250.00	18.50
210-01200	99 Reset End Anchorage	40	Each	145,400.00	3,635.00
210-01300	99 Reset Impact Attenuator	5	Each	53,525.00	10,705.00
212-00006	99 Seeding (Native)	1	Acre	3,577.00	3,577.00
304-06007	99 Aggregate Base Course (Class 6)	1,599	Cubic Yard	55,083.30	34.45
403-33721	99 Hot Bituminous Pavement (Grading S) (75) (PG 58-28	14,525	Ton	515,364.50	35.48
403-33741	99 Hot Bituminous Pavement (Grading S) (75) (PG 64-22	25,733	Ton	1,126,763.05	43.79
403-34454	99 Hot Bituminous Pavement (Grading SX) (Asphalt) (96)	48	Ton	8,832.00	184.00
403-34721	99 Hot Bituminous Pavement (Grading SX) (75) (PG 58-2	21,494	Ton	957,327.14	44.54
403-35611	99 HBP(Grading S-Fines) (50) (PG 58-22)	26,558	Ton	1,391,373.62	52.39
406-09500	99 Cold Bituminous Pavement (Recycle)	69,036	Sq Yard	363,819.72	5.27
408-01000	99 Hot Poured Joint and Crack Sealant	896	Ton	1,119,292.90	1,249.21
409-05000	99 Ultrathin Bonded Wearing Course	145,494	Sq Yard	862,779.42	5.93

INDEX AND AVERAGE UNIT BID PRICES FOR 01/01/01 THROUGH 12/31/01

ITEM NUMBER	YR ITEM	TOTAL QUANTITY	UNIT	TOTAL COST	AVERAGE PRICE
411-10255	99 Emulsified Asphalt (Slow-Setting)	13,916	Gallon	13,916.00	1.00
503-00048	99 Drilled Caisson (48 Inch)	33	Lin Foot	19,745.88	598.36
515-00400	99 Concrete Sealer	61	Sq Yard	2,440.00	40.00
518-01002	99 Bridge Expansion Device (0-2 Inch)	296	Lin Foot	47,915.00	161.88
518-01012	99 Bridge Expansion Device (0-12 Inch)	56	Lin Foot	132,589.52	2,367.67
518-01018	99 Bridge Expansion Device (0-18 Inch)	56	Lin Foot	190,714.16	3,405.61
601-01000	99 Concrete Class B	5	Cubic Yard	1,325.00	265.00
601-03000	99 Concrete Class D	26	Cubic Yard	14,198.00	546.08
601-06100	99 Concrete (Patching)	58	Cubic Yard	114,956.00	1,982.00
601-10250	99 Slab Jacking	12,300	Pound	91,020.00	7.40
601-40301	99 Structural Concrete Coating	214	Sq Foot	160.50	0.75
602-00020	99 Reinforcing Steel (Epoxy Coated)	2,160	Pound	1,620.00	0.75
603-00000	99 Culvert Lining	415	Lin Foot	39,425.00	95.00
606-00301	99 Guardrail Type 3 (6-3 Post Spacing)	11,500	Lin Foot	123,970.00	10.78
606-02003	99 End Anchorage (Nonflared)	50	Each	78,000.00	1,560.00
606-10400	99 Bridge Rail Type 4	19	Lin Foot	5,550.00	292.11
607-00010	99 Corner and Line Brace Post	428	Each	47,080.00	110.00
607-01000	99 Fence Barbed Wire with Metal Posts	177,580	Lin Foot	204,217.00	1.15
613-00200	99 2 Inch Electrical Conduit	2,000	Lin Foot	14,520.00	7.26
613-00201	99 2 Inch Electrical Conduit (Jacked)	200	Lin Foot	3,424.00	17.12
613-00700	99 Inspection Trip	8	Each	9,600.00	1,200.00
613-01200	99 2 Inch Electrical Conduit (Plastic)	1,000	Lin Foot	12,000.00	12.00
613-10000	99 Wiring	1	Lump Sum	28,476.00	28,476.00
613-34400	99 Light Standard Metal (40 Foot)	30	Each	66,450.00	2,215.00



INDEX AND AVERAGE UNIT BID PRICES FOR 01/01/01 THROUGH 12/31/01

ITEM NUMBER	YR ITEM	TOTAL QUANTITY	UNIT	TOTAL COST	AVERAGE PRICE
613-40000	99 Concrete Foundation Pad	2	Each	1,600.00	800.00
613-40030	99 Transformer Base Aluminum (Install Only)	30	Each	15,000.00	500.00
613-50010	99 Photoelectric Cell	150	Each	18,000.00	120.00
613-50200	99 Lighting System	10	Each	5,000.00	500.00
613-60000	99 Lamps	175	Each	21,875.00	125.00
613-60500	99 Underground Repair	40	Each	48,000.00	1,200.00
613-70255	99 Fuses	100	Each	6,000.00	60.00
613-70260	99 Fuse Holder	60	Each	6,000.00	100.00
613-70400	99 Luminaire High Pressure Sodium (400 Watt)	75	Each	31,875.00	425.00
613-80010	99 Ballast Unit	75	Each	32,250.00	430.00
614-10030	99 Paint Overhead Sign Structure	23	Each	106,920.00	4,648.70
614-10050	99 Modification of Overhead Sign Structure	15	Each	42,000.00	2,800.00
614-10120	99 Variable Message Sign	1	Each	122,908.00	122,908.00
614-10125	99 Variable Message Sign (Ground Mounted)	1	Each	85,248.00	85,248.00
614-10150	99 12 inch LED (Ball)	774	Each	174,790.00	225.83
614-10155	99 12" LED (Arrow)	197	Each	30,180.00	153.20
614-10160	99 Signal Head Backplates	116	Each	18,814.00	162.19
614-60350	99 Cantilever Structure (35 to less than 40 Foot Fram	1	Each	22,222.00	22,222.00
614-70336	99 Traffic Signal Face (12-12-12)	38	Each	30,628.00	806.00
614-70560	99 Traffic Signal Face (12-12-12-12-12)	9	Each	9,810.00	1,090.00
625-00000	99 Construction Surveying	1	Lump Sum	2,610.00	2,610.00
626-00000	99 Mobilization	2	Lump Sum	6,145.00	3,072.50
627-00001	99 Pavement Marking Paint	473	Gallon	28,900.00	61.10
627-00005	99 Epoxy Pavement Marking	598	Gallon	55,840.00	93.38

INDEX AND AVERAGE UNIT BID PRICES FOR 01/01/01 THROUGH 12/31/01

ITEM NUMBER	YR ITEM	TOTAL QUANTITY	UNIT	TOTAL COST	AVERAGE PRICE
630-00000	99 Flagging	880	Hour	25,224.00	28.66
630-00007	99 Traffic Control Inspection	7	Day	1,050.00	150.00
630-00012	99 Traffic Control Management	120	Day	70,200.00	585.00
630-10005	99 Traffic Control	17	Lump Sum	311,968.00	18,351.06
630-80341	99 Construction Traffic Sign (Panel Size A)	2	Each	80.00	40.00
630-80342	99 Construction Traffic Sign (Panel Size B)	25	Each	1,764.92	70.60
630-80343	99 Construction Traffic Sign (Panel Size C)	8	Each	760.00	95.00
630-80358	99 Advance Warning Flashing or Sequencing Arrow Panel	2	Each	1,950.00	975.00
630-80359	99 Portable Message Sign Panel	4	Day	700.00	175.00
630-80360	99 Drum Channelizing Device	60	Each	1,796.30	29.94
630-80363	99 Drum Channelizing Device (With Light) (Flashing)	5	Each	148.15	29.63
630-80370	99 Concrete Barrier (Temporary)	6,000	Lin Foot	30,000.00	5.00
630-80380	99 Traffic Cone	180	Each	1,855.50	10.31

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	202-00200	Rem Sidewalk		Sq Yard	=====	=====	=====
MTCE 01-005		I70 and Arriba	10/11/01	10.70	10.00	232.00	68.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		10.70	10.00	232.00	68.00
		WEIGHTED AVERAGE FOR THE YEAR		10.70	10.00	232.00	68.00
=====	202-00502	Rem Port Present Str		Cubic Yard	=====	=====	=====
MTCE 06-005		I 70 and I 25	12/13/01	23.00	1200.00	1480.17	300.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		23.00	1200.00	1480.17	300.00
		WEIGHTED AVERAGE FOR THE YEAR		23.00	1200.00	1480.17	300.00
=====	202-00504	Rem Exp Device		Lin Foot	=====	=====	=====
MTCE 06-005		I 70 and I 25	12/13/01	112.00	120.00	155.46	194.78
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		112.00	120.00	155.46	194.78
		WEIGHTED AVERAGE FOR THE YEAR		112.00	120.00	155.46	194.78
=====	202-01000	Rem Fence		Lin Foot	=====	=====	=====
MTCE 05-002		MAINTENANCE SECTION 3	01/25/01	96,550.00	0.40	0.93	0.35
		WEIGHTED AVERAGE FOR THE FIRST QUARTER		96,550.00	0.40	0.93	0.35
		WEIGHTED AVERAGE FOR THE YEAR		96,550.00	0.40	0.93	0.35
=====	203-00010	Uncl Excav (CIP)		Cubic Yard	=====	=====	=====
MTCE 01-011		I 70 EB, Vail to Vail Pass	08/16/01	2,665.00	15.00	28.56	16.53
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		2,665.00	15.00	28.56	16.53
		WEIGHTED AVERAGE FOR THE YEAR		2,665.00	15.00	28.56	16.53
=====	203-00060	Emb Matl (CIP)		Cubic Yard	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	50.00	20.00	88.40	85.24
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		50.00	20.00	88.40	85.24
		WEIGHTED AVERAGE FOR THE YEAR		50.00	20.00	88.40	85.24

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	203-01597	Potholing		Hour	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	15.00	150.00	203.62	241.73
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		15.00	150.00	203.62	241.73
		WEIGHTED AVERAGE FOR THE YEAR		15.00	150.00	203.62	241.73
=====	203-02300	Rock Scaler		Hour	=====	=====	=====
MTCE 03-006		SH 40 MP 113.6 to 119.7	10/18/01	128.00	120.00	71.50	68.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		128.00	120.00	71.50	68.00
		WEIGHTED AVERAGE FOR THE YEAR		128.00	120.00	71.50	68.00
=====	203-02310	Scaler Foreman		Hour	=====	=====	=====
MTCE 03-006		SH 40 MP 113.6 to 119.7	10/18/01	64.00	70.00	67.00	59.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		64.00	70.00	67.00	59.00
		WEIGHTED AVERAGE FOR THE YEAR		64.00	70.00	67.00	59.00
=====	210-01130	Res Gdrail Ty 3		Lin Foot	=====	=====	=====
MTCE 03-003		CDOT Maintenance Section 2	11/01/01	2,500.00	10.00	43.10	18.50
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		2,500.00	10.00	43.10	18.50
		WEIGHTED AVERAGE FOR THE YEAR		2,500.00	10.00	43.10	18.50
=====	210-01200	Res End Anchorage		Each	=====	=====	=====
MTCE 03-003		CDOT Maintenance Section 2	11/01/01	40.00	700.00	4111.67	3635.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		40.00	700.00	4111.67	3635.00
		WEIGHTED AVERAGE FOR THE YEAR		40.00	700.00	4111.67	3635.00
=====	210-01300	Res Impact Attenuator		Each	=====	=====	=====
MTCE 03-003		CDOT Maintenance Section 2	11/01/01	5.00	5000.00	17401.67	10705.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		5.00	5000.00	17401.67	10705.00
		WEIGHTED AVERAGE FOR THE YEAR		5.00	5000.00	17401.67	10705.00

COLORADO DEPARTMENT OF TRANSPORTATION  
 ITEM UNIT COSTS BY MAINTENANCE PROJECTS -- 2001 COST DATA

14:09 Tuesday, April 9, 2002 3

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
===== 212-00006		Seeding (Native)		Acre	=====	=====	=====
MTCE 01-011		I 70 EB, Vail to Vail Pass	08/16/01	1.40	3000.00	2946.01	2555.00
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			1.40	3000.00	2946.01	2555.00
	WEIGHTED AVERAGE FOR THE YEAR			1.40	3000.00	2946.01	2555.00
===== 304-06007		ABC (CL 6)		Cubic Yard	=====	=====	=====
MTCE 02-004			05/03/01	1,086.00	23.00	25.08	36.55
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			1,086.00	23.00	25.08	36.55
MTCE 02-006		SH 67, MP 56 to 70	11/15/01	513.00	25.00	27.56	30.00
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			513.00	25.00	27.56	30.00
	WEIGHTED AVERAGE FOR THE YEAR			1,599.00	23.64	26.10	34.45
===== 403-33721		HBP (Gr S) (75) (PG 58-28)		Ton	=====	=====	=====
MTCE 02-004			05/03/01	7,355.00	43.00	42.24	37.90
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			7,355.00	43.00	42.24	37.90
MTCE 02-006		SH 67, MP 56 to 70	11/15/01	7,170.00	45.00	37.94	33.00
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			7,170.00	45.00	37.94	33.00
	WEIGHTED AVERAGE FOR THE YEAR			14,525.00	43.99	39.69	35.48
===== 403-33741		HBP (Gr S) (75) (PG 64-22)		Ton	=====	=====	=====
MTCE 04-004 (Alternate #3)		SH 7, 42, & 66, BOULDER AREA	05/17/01	6,089.00	38.00	43.55	36.65
MTCE 04-005 (Alternative #3)		SH 7, 85, & 263, GREELY AREA	05/17/01	4,337.00	50.00	41.25	38.10

COLORADO DEPARTMENT OF TRANSPORTATION  
 ITEM UNIT COSTS BY MAINTENANCE PROJECTS -- 2001 COST DATA

14:09 Tuesday, April 9, 2002 4

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
===== 403-33741		HBP (Gr S) (75) (PG 64-22)		Ton =====			
MTCE 04-007 (Alternative #1)		SH 6, 11, 14, 59, & 113, STER	05/17/01	5,430.00	46.00	46.00	46.00
MTCE 04-006 (Alternative #2)		SH 14, 34, & 287, LOVELAND AR	05/24/01	4,584.00	46.00	45.44	42.50
MTCE 04-008 (Alternative #3)		SH 6, 34, 71, & 385, BRUSH AR	05/24/01	5,293.00	60.00	55.53	55.50
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			25,733.00	47.66	46.57	43.79
	WEIGHTED AVERAGE FOR THE YEAR			25,733.00	47.66	46.57	43.79
===== 403-34454		HBP (Gr SX) (Asph) (96) (PG 64-22)		Ton =====			
MTCE 01-005		I70 and Arriba	10/11/01	48.00	112.00	222.25	184.00
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			48.00	112.00	222.25	184.00
	WEIGHTED AVERAGE FOR THE YEAR			48.00	112.00	222.25	184.00
===== 403-34721		HBP (Gr SX) (75) (PG 58-28)		Ton =====			
MTCE 01-007		VARIOUS COUNTIES IN REGION 1	06/28/01	11,846.00	45.00	58.16	52.39
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			11,846.00	45.00	58.16	52.39
MTCE 05-006		SH550 MP 94.35 & MP 114.4	07/12/01	9,648.00	44.00	38.93	34.90
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			9,648.00	44.00	38.93	34.90
	WEIGHTED AVERAGE FOR THE YEAR			21,494.00	44.55	49.53	44.54
===== 403-35611		HBP(Gr S-Fines) (50) (PG 58-22)		Ton =====			
MTCE 01-007		VARIOUS COUNTIES IN REGION 1	06/28/01	26,558.00	55.00	55.88	52.39
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			26,558.00	55.00	55.88	52.39
	WEIGHTED AVERAGE FOR THE YEAR			26,558.00	55.00	55.88	52.39
===== 406-09500		Cold Bitum Pvmt (Recycle)		Sq Yard =====			
MTCE 04-003		SH 59, WASHINGTON CO. LINE N.	04/26/01	69,036.00	6.50	5.45	5.27
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			69,036.00	6.50	5.45	5.27
	WEIGHTED AVERAGE FOR THE YEAR			69,036.00	6.50	5.45	5.27

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
===== 408-01000		Hot Joint-Crack Sealant		Ton	=====	=====	=====
MTCE 01-012		I 70, Vail Pass to Copper Mou	08/23/01	77.50	2000.00	1533.08	1623.16
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			77.50	2000.00	1533.08	1623.16
MTCE 05-008		R-5 HOT POURED JOINT & CRACK	10/25/01	784.00	1550.00	1471.54	1207.50
MTCE 03-002		SH 24 near Granite	11/01/01	34.00	1700.00	1731.75	1377.00
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			818.00	1556.23	1485.76	1214.55
	WEIGHTED AVERAGE FOR THE YEAR			895.50	1594.64	1488.54	1249.91
===== 409-05000		Ultrath Bond Wearing Course		Sq Yard	=====	=====	=====
MTCE 06-003		I 70, 20TH AVE. TO SH 72	05/24/01	72,747.00	6.00	5.82	5.82
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			72,747.00	6.00	5.82	5.82
	WEIGHTED AVERAGE FOR THE YEAR			72,747.00	6.00	5.82	5.82
===== 411-10255		Emul Asph (SS)		Gallon	=====	=====	=====
MTCE 02-004			05/03/01	3,039.00	1.50	1.10	1.00
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			3,039.00	1.50	1.10	1.00
MTCE 05-006		SH550 MP 94.35 & MP 114.4	07/12/01	7,322.00	0.50	0.85	1.00
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			7,322.00	0.50	0.85	1.00
MTCE 02-006		SH 67, MP 56 to 70	11/15/01	3,555.00	1.50	1.15	1.00
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			3,555.00	1.50	1.15	1.00
	WEIGHTED AVERAGE FOR THE YEAR			13,916.00	0.97	1.02	1.00

COLORADO DEPARTMENT OF TRANSPORTATION  
 ITEM UNIT COSTS BY MAINTENANCE PROJECTS -- 2001 COST DATA

14:09 Tuesday, April 9, 2002 6

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	503-00048	Drilled Caisson (48 In)		Lin Foot	=====		
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	33.00	400.00	813.47	598.36
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			33.00	400.00	813.47	598.36
	WEIGHTED AVERAGE FOR THE YEAR			33.00	400.00	813.47	598.36
=====	515-00400	Concrete Sealer		Sq Yard	=====		
MTCE 06-005		I 70 and I 25	12/13/01	61.00	10.00	25.50	40.00
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			61.00	10.00	25.50	40.00
	WEIGHTED AVERAGE FOR THE YEAR			61.00	10.00	25.50	40.00
=====	518-01002	Br Expan Device (0-2 In)		Lin Foot	=====		
MTCE 01-005		I70 and Arriba	10/11/01	118.00	95.00	279.50	173.00
MTCE 04-011		SH 36 and SH 157 in Boulder	12/06/01	178.00	200.00	272.90	154.50
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			296.00	158.14	275.19	161.88
	WEIGHTED AVERAGE FOR THE YEAR			296.00	158.14	275.19	161.88
=====	518-01012	Br Expan Device (0-12 In)		Lin Foot	=====		
MTCE 06-005		I 70 and I 25	12/13/01	56.00	1000.00	2619.61	2367.67
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			56.00	1000.00	2619.61	2367.67
	WEIGHTED AVERAGE FOR THE YEAR			56.00	1000.00	2619.61	2367.67
=====	518-01018	Br Expan Device (0-18 In)		Lin Foot	=====		
MTCE 06-005		I 70 and I 25	12/13/01	56.00	1200.00	3534.27	3405.61
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			56.00	1200.00	3534.27	3405.61
	WEIGHTED AVERAGE FOR THE YEAR			56.00	1200.00	3534.27	3405.61



PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
===== 601-01000 Conc CL B Cubic Yard =====							
MTCE 06-004		I 25 and I 70	09/13/01	5.30	0.00	250.00	250.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		5.30	0.00	250.00	250.00
		WEIGHTED AVERAGE FOR THE YEAR		5.30	0.00	250.00	250.00
===== 601-03000 Conc CL D Cubic Yard =====							
MTCE 01-005		I70 and Arriba	10/11/01	4.70	390.00	972.50	340.00
MTCE 06-005		I 70 and I 25	12/13/01	21.00	500.00	1088.17	600.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		25.70	479.88	1073.15	552.45
		WEIGHTED AVERAGE FOR THE YEAR		25.70	479.88	1073.15	552.45
===== 601-06100 Conc (Patching) Cubic Yard =====							
MTCE 04-009 (Str. C-18-J)		Highway 34D near Greeley	05/24/01	58.00	2300.00	2308.50	1982.00
MTCE 04-009 (Str. C-18-BK)		Highway 85 near Greeley					
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		58.00	2300.00	2308.50	1982.00
		WEIGHTED AVERAGE FOR THE YEAR		58.00	2300.00	2308.50	1982.00
===== 601-10250 Slab Jacking Pound =====							
MTCE 04-010 (STR. D-16-DG)		Concrete Slab Jacking, R4	05/24/01	12,300.00	7.40	7.40	7.40
MTCE 04-010 (STR. D-16-DF)		Concrete Slab Jacking, R4					
MTCE 04-010 (STR. C-21-BM)		Concrete Slab Jacking, R4					
MTCE 04-010 (STR. D-16-DL)		Concrete Slab Jacking, R4					
MTCE 04-010 (STR. D-16-DK)		Concrete Slab Jacking, R4					
MTCE 04-010 (STR. C-17-AT)		Concrete Slab Jacking, R4					
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		12,300.00	7.40	7.40	7.40
		WEIGHTED AVERAGE FOR THE YEAR		12,300.00	7.40	7.40	7.40
===== 601-40301 Struct Conc Coating Sq Foot =====							
MTCE 06-005		I 70 and I 25	12/13/01	214.00	5.00	4.04	0.75
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		214.00	5.00	4.04	0.75
		WEIGHTED AVERAGE FOR THE YEAR		214.00	5.00	4.04	0.75

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	602-00020	Reinf Steel (Epoxy)		Pound	=====	=====	=====
MTCE 06-005		I 70 and I 25	12/13/01	2,160.00	1.00	1.46	0.75
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		2,160.00	1.00	1.46	0.75
		WEIGHTED AVERAGE FOR THE YEAR		2,160.00	1.00	1.46	0.75
=====	603-00000	Culvert Lining		Lin Foot	=====	=====	=====
MTCE 06-004		I 25 and I 70	09/13/01	415.00	100.00	95.00	95.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		415.00	100.00	95.00	95.00
		WEIGHTED AVERAGE FOR THE YEAR		415.00	100.00	95.00	95.00
=====	606-10400	Brdg Rail Ty 4		Lin Foot	=====	=====	=====
MTCE 06-005		I 70 and I 25	12/13/01	18.50	100.00	264.33	300.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		18.50	100.00	264.33	300.00
		WEIGHTED AVERAGE FOR THE YEAR		18.50	100.00	264.33	300.00
=====	607-00010	Corner and Line Br Post		Each	=====	=====	=====
MTCE 05-002		MAINTENANCE SECTION 3	01/25/01	428.00	110.00	156.47	110.00
		WEIGHTED AVERAGE FOR THE FIRST QUARTER		428.00	110.00	156.47	110.00
		WEIGHTED AVERAGE FOR THE YEAR		428.00	110.00	156.47	110.00
=====	607-01000	Fence BW MP		Lin Foot	=====	=====	=====
MTCE 05-002		MAINTENANCE SECTION 3	01/25/01	177,580.00	1.10	1.68	1.15
		WEIGHTED AVERAGE FOR THE FIRST QUARTER		177,580.00	1.10	1.68	1.15
		WEIGHTED AVERAGE FOR THE YEAR		177,580.00	1.10	1.68	1.15
=====	613-00200	2 In Elec Cond		Lin Foot	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 ( 05/03/01		2,000.00	10.00	14.33	7.26
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		2,000.00	10.00	14.33	7.26
		WEIGHTED AVERAGE FOR THE YEAR		2,000.00	10.00	14.33	7.26

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	613-00201	2 In Elec Cond (Jacked)		Lin Foot	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	200.00	12.00	21.95	17.12
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		200.00	12.00	21.95	17.12
		WEIGHTED AVERAGE FOR THE YEAR		200.00	12.00	21.95	17.12
=====	613-00700	Insp Trip		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	8.00	2000.00	1775.23	1200.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		8.00	2000.00	1775.23	1200.00
		WEIGHTED AVERAGE FOR THE YEAR		8.00	2000.00	1775.23	1200.00
=====	613-01200	2 In Elec Cond (P)		Lin Foot	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	1,000.00	8.00	10.80	12.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		1,000.00	8.00	10.80	12.00
		WEIGHTED AVERAGE FOR THE YEAR		1,000.00	8.00	10.80	12.00
=====	613-10000	Wiring		LUMP SUM	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	1.00	2500.00	19422.76	28476.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		1.00	2500.00	19422.76	28476.00
		WEIGHTED AVERAGE FOR THE YEAR		1.00	2500.00	19422.76	28476.00
=====	613-34400	Light Std Metal (40 Ft)		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	30.00	425.00	2350.94	2215.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		30.00	425.00	2350.94	2215.00
		WEIGHTED AVERAGE FOR THE YEAR		30.00	425.00	2350.94	2215.00
=====	613-40000	Conc Foundation Pad		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	2.00	700.00	863.74	800.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		2.00	700.00	863.74	800.00
		WEIGHTED AVERAGE FOR THE YEAR		2.00	700.00	863.74	800.00

COLORADO DEPARTMENT OF TRANSPORTATION  
ITEM UNIT COSTS BY MAINTENANCE PROJECTS -- 2001 COST DATA

14:09 Tuesday, April 9, 2002 10

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	613-40030	Inst Transformer Base Alum		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	30.00	100.00	270.65	500.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		30.00	100.00	270.65	500.00
		WEIGHTED AVERAGE FOR THE YEAR		30.00	100.00	270.65	500.00
=====	613-50010	Photoel Cell		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	150.00	50.00	81.62	120.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		150.00	50.00	81.62	120.00
		WEIGHTED AVERAGE FOR THE YEAR		150.00	50.00	81.62	120.00
=====	613-50200	Lighting System		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	10.00	100.00	373.18	500.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		10.00	100.00	373.18	500.00
		WEIGHTED AVERAGE FOR THE YEAR		10.00	100.00	373.18	500.00
=====	613-60000	Lmps		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	175.00	100.00	87.18	125.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		175.00	100.00	87.18	125.00
		WEIGHTED AVERAGE FOR THE YEAR		175.00	100.00	87.18	125.00
=====	613-60500	Underground Rep		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	40.00	1400.00	1245.89	1200.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		40.00	1400.00	1245.89	1200.00
		WEIGHTED AVERAGE FOR THE YEAR		40.00	1400.00	1245.89	1200.00
=====	613-70255	Fus		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	100.00	50.00	40.45	60.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		100.00	50.00	40.45	60.00
		WEIGHTED AVERAGE FOR THE YEAR		100.00	50.00	40.45	60.00

COLORADO DEPARTMENT OF TRANSPORTATION  
ITEM UNIT COSTS BY MAINTENANCE PROJECTS -- 2001 COST DATA

14:09 Tuesday, April 9, 2002 11

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	613-70260	Fus Holder		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	60.00	40.00	58.72	100.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		60.00	40.00	58.72	100.00
		WEIGHTED AVERAGE FOR THE YEAR		60.00	40.00	58.72	100.00
=====	613-70400	Lumin HPS (400 W)		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	75.00	450.00	512.97	425.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		75.00	450.00	512.97	425.00
		WEIGHTED AVERAGE FOR THE YEAR		75.00	450.00	512.97	425.00
=====	613-80010	Ballast Un		Each	=====	=====	=====
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	75.00	100.00	447.46	430.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		75.00	100.00	447.46	430.00
		WEIGHTED AVERAGE FOR THE YEAR		75.00	100.00	447.46	430.00
=====	614-10030	Paint Overhead Sign Str		Each	=====	=====	=====
MTCE 01-009		SH 83 AND E470 INTERSECTIONS	08/23/01	9.00	8000.00	6987.50	6000.00
		WEIGHTED AVERAGE FOR THE THIRD QUARTER		9.00	8000.00	6987.50	6000.00
MTCE 01-008		SH 70, OVERHEAD SIGN STR.	12/13/01	14.00	2000.00	5407.50	3780.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		14.00	2000.00	5407.50	3780.00
		WEIGHTED AVERAGE FOR THE YEAR		23.00	4347.83	5791.82	4648.70
=====	614-10050	Mod Overhead Sign Str		Each	=====	=====	=====
MTCE 01-008		SH 70, OVERHEAD SIGN STR.	12/13/01	15.00	2800.00	3650.00	2800.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		15.00	2800.00	3650.00	2800.00
		WEIGHTED AVERAGE FOR THE YEAR		15.00	2800.00	3650.00	2800.00

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	614-10120	Var Mesg Sign		Each	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	1.00	105000.00	126784.53	122908.00
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			1.00	105000.00	126784.53	122908.00
	WEIGHTED AVERAGE FOR THE YEAR			1.00	105000.00	126784.53	122908.00
=====	614-10125	Var Mesg Sign (Grnd Mtd)		Each	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	1.00	80000.00	75754.28	85248.00
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			1.00	80000.00	75754.28	85248.00
	WEIGHTED AVERAGE FOR THE YEAR			1.00	80000.00	75754.28	85248.00
=====	614-10150	12 in LED (Ball)		Each	=====	=====	=====
MTCE 01-002		VARIOUS LOCATIONS IN REGION 1	09/06/01	774.00	167.87	242.19	225.83
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			774.00	167.87	242.19	225.83
	WEIGHTED AVERAGE FOR THE YEAR			774.00	167.87	242.19	225.83
=====	614-10155	12" LED (Arr)		Each	=====	=====	=====
MTCE 01-002		VARIOUS LOCATIONS IN REGION 1	09/06/01	197.00	119.11	184.58	153.20
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			197.00	119.11	184.58	153.20
	WEIGHTED AVERAGE FOR THE YEAR			197.00	119.11	184.58	153.20
=====	614-10160	Sig Head B-Plates		Each	=====	=====	=====
MTCE 01-002		VARIOUS LOCATIONS IN REGION 1	09/06/01	116.00	177.84	278.13	162.19
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			116.00	177.84	278.13	162.19
	WEIGHTED AVERAGE FOR THE YEAR			116.00	177.84	278.13	162.19
=====	614-60350	Cant Str (35 < 40)		Each	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	1.00	18000.00	25274.60	22222.00
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			1.00	18000.00	25274.60	22222.00
	WEIGHTED AVERAGE FOR THE YEAR			1.00	18000.00	25274.60	22222.00

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
===== 614-70336		Traf Sig Face (12-12-12)		Each	=====	=====	=====
MTCE 01-002		VARIOUS LOCATIONS IN REGION 1	09/06/01	38.00	1100.00	970.33	806.00
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			38.00	1100.00	970.33	806.00
	WEIGHTED AVERAGE FOR THE YEAR			38.00	1100.00	970.33	806.00
===== 614-70560		Traf Sig Face (12-12-12-12-12)		Each	=====	=====	=====
MTCE 01-002		VARIOUS LOCATIONS IN REGION 1	09/06/01	9.00	1500.00	1315.67	1090.00
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			9.00	1500.00	1315.67	1090.00
	WEIGHTED AVERAGE FOR THE YEAR			9.00	1500.00	1315.67	1090.00
===== 625-00000		Const Surveying		LUMP SUM	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	1.00	4000.00	3972.65	2610.00
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			1.00	4000.00	3972.65	2610.00
	WEIGHTED AVERAGE FOR THE YEAR			1.00	4000.00	3972.65	2610.00
===== 626-00000		Mobilization		LUMP SUM	=====	=====	=====
MTCE 05-002		MAINTENANCE SECTION 3	01/25/01	1.00	15000.00	22947.95	4000.00
	WEIGHTED AVERAGE FOR THE FIRST QUARTER			1.00	15000.00	22947.95	4000.00
	WEIGHTED AVERAGE FOR THE YEAR			1.00	15000.00	22947.95	4000.00
===== 627-00001		Pvmt Mkg Paint		Gallon	=====	=====	=====
MTCE 02-004			05/03/01	350.00	40.00	48.05	65.00
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			350.00	40.00	48.05	65.00
MTCE 02-006		SH 67, MP 56 to 70	11/15/01	123.00	50.00	55.63	50.00
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			123.00	50.00	55.63	50.00
	WEIGHTED AVERAGE FOR THE YEAR			473.00	42.60	50.66	61.10

COLORADO DEPARTMENT OF TRANSPORTATION  
 ITEM UNIT COSTS BY MAINTENANCE PROJECTS -- 2001 COST DATA

14:09 Tuesday, April 9, 2002 14

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	627-00005	Epoxy Pvmt Mkg		Gallon	=====	=====	=====
MTCE 02-004			05/03/01	375.00	60.00	84.81	92.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		375.00	60.00	84.81	92.00
MTCE 02-006		SH 67, MP 56 to 70	11/15/01	123.00	80.00	78.46	80.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		123.00	80.00	78.46	80.00
		WEIGHTED AVERAGE FOR THE YEAR		498.00	64.94	82.72	89.04
=====	630-00000	Flagging		Hour	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	80.00	25.00	25.38	19.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		80.00	25.00	25.38	19.00
		WEIGHTED AVERAGE FOR THE YEAR		80.00	25.00	25.38	19.00
=====	630-00007	Traf Ctrl Inspection		Day	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	7.00	130.00	166.38	150.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		7.00	130.00	166.38	150.00
		WEIGHTED AVERAGE FOR THE YEAR		7.00	130.00	166.38	150.00
=====	630-00012	Traf Ctrl Mgmt		Day	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	15.00	325.00	557.71	320.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		15.00	325.00	557.71	320.00
MTCE 03-003		CDOT Maintenance Section 2	11/01/01	60.00	700.00	955.00	265.00
MTCE 06-005		I 70 and I 25	12/13/01	45.00	400.00	1486.17	1100.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		105.00	571.43	1273.70	622.86
		WEIGHTED AVERAGE FOR THE YEAR		120.00	540.63	1138.24	585.00



PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
===== 630-10005	Traf Ctrl			LUMP SUM	=====		
MTCE 04-003		SH 59, WASHINGTON CO. LINE N.	04/26/01	1.00	30000.00	23750.00	13500.00
MTCE 04-004 (Alternate #3)		SH 7, 42, & 66, BOULDER AREA	05/17/01	1.00	40000.00	10250.00	12500.00
MTCE 04-005 (Alternative #3)		SH 7, 85, & 263, GREELEY AREA	05/17/01	1.00	20000.00	10375.00	14500.00
MTCE 04-006 (Alternative #2)		SH 14, 34, & 287, LOVELAND AR	05/24/01	1.00	25000.00	10602.50	5700.00
MTCE 04-009 (Str. C-18-J)		Highway 34D near Greeley	05/24/01	1.00	10000.00	55500.00	30000.00
MTCE 04-009 (Str. C-18-BK)		Highway 85 near Greeley					
MTCE 04-010 (STR. D-16-DG)		Concrete Slab Jacking, R4	05/24/01	1.00	12000.00	15000.00	15000.00
MTCE 04-010 (STR. D-16-DF)		Concrete Slab Jacking, R4					
MTCE 04-010 (STR. C-21-BM)		Concrete Slab Jacking, R4					
MTCE 04-010 (STR. D-16-DL)		Concrete Slab Jacking, R4					
MTCE 04-010 (STR. D-16-DK)		Concrete Slab Jacking, R4					
MTCE 04-010 (STR. C-17-AT)		Concrete Slab Jacking, R4					
MTCE 06-003		I 70, 20TH AVE. TO SH 72	05/24/01	1.00	20000.00	18200.00	18200.00
MTCE 01-007		VARIOUS COUNTIES IN REGION 1	06/28/01	1.00	90000.00	70989.33	66968.00
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			8.00	30875.00	28725.18	22046.00
MTCE 05-006		SH550 MP 94.35 & MP 114.4	07/12/01	1.00	15000.00	19766.67	34300.00
MTCE 01-012		I 70, Vail Pass to Copper Mou	08/23/01	1.00	85000.00	64000.00	20000.00
MTCE 06-004		I 25 and I 70	09/13/01	1.00	10000.00	10000.00	10000.00
MTCE 02-005		REGION 2, STREET LIGHTING	09/13/01	1.00	26200.00	37199.13	15000.00
	WEIGHTED AVERAGE FOR THE THIRD QUARTER			4.00	34050.00	34321.93	19825.00
MTCE 01-005		I70 and Arriba	10/11/01	1.00	14000.00	21862.50	11750.00
MTCE 03-002		SH 24 near Granite	11/01/01	1.00	15000.00	14143.35	7050.00
MTCE 02-006		SH 67, MP 56 to 70	11/15/01	1.00	20500.00	20333.33	7000.00
MTCE 04-011		SH 36 and SH 157 in Boulder	12/06/01	1.00	20000.00	15756.00	10500.00
	WEIGHTED AVERAGE FOR THE FOURTH QUARTER			4.00	17375.00	18147.55	9075.00
	WEIGHTED AVERAGE FOR THE YEAR			16.00	28293.75	25378.42	18248.00
===== 630-80341	Const Traf Sign (A)			Each	=====		
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40	05/03/01	2.00	80.00	68.12	40.00
	WEIGHTED AVERAGE FOR THE SECOND QUARTER			2.00	80.00	68.12	40.00
	WEIGHTED AVERAGE FOR THE YEAR			2.00	80.00	68.12	40.00

COLORADO DEPARTMENT OF TRANSPORTATION  
ITEM UNIT COSTS BY MAINTENANCE PROJECTS -- 2001 COST DATA

14:09 Tuesday, April 9, 2002 16

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
=====	630-80342	Const Traf Sign (B)		Each	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	11.00	120.00	121.92	85.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		11.00	120.00	121.92	85.00
		WEIGHTED AVERAGE FOR THE YEAR		11.00	120.00	121.92	85.00
=====	630-80343	Const Traf Sign (C)		Each	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	8.00	150.00	130.16	95.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		8.00	150.00	130.16	95.00
		WEIGHTED AVERAGE FOR THE YEAR		8.00	150.00	130.16	95.00
=====	630-80358	Flash Arrow Panel (C Ty)		Each	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	2.00	1700.00	1103.23	975.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		2.00	1700.00	1103.23	975.00
		WEIGHTED AVERAGE FOR THE YEAR		2.00	1700.00	1103.23	975.00
=====	630-80359	Port Mesg Panel		Day	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	4.00	200.00	443.98	175.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		4.00	200.00	443.98	175.00
		WEIGHTED AVERAGE FOR THE YEAR		4.00	200.00	443.98	175.00
=====	630-80360	Drum Channel Dev		Each	=====	=====	=====
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	50.00	60.00	52.85	30.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		50.00	60.00	52.85	30.00
		WEIGHTED AVERAGE FOR THE YEAR		50.00	60.00	52.85	30.00
=====	630-80370	Conc Barrier (Temp)		Lin Foot	=====	=====	=====
MTCE 06-005		I 70 and I 25	12/13/01	6,000.00	20.00	11.25	5.00
		WEIGHTED AVERAGE FOR THE FOURTH QUARTER		6,000.00	20.00	11.25	5.00
		WEIGHTED AVERAGE FOR THE YEAR		6,000.00	20.00	11.25	5.00

COLORADO DEPARTMENT OF TRANSPORTATION  
 ITEM UNIT COSTS BY MAINTENANCE PROJECTS -- 2001 COST DATA

14:09 Tuesday, April 9, 2002 17

PROJECT NUMBER	ITEM NUMBER/ PROJECT LOCATION	ITEM DESCRIPTION/ PROJECT LOCATION	DATE LET	UNIT/ QUANTITY	ENGR. EST.	AVERAGE BID	AWARDED BID
===== 630-80380		Traffic Cone		Each =====			
MTCE 01-006		I-70 (M.P. 252.0) & S.H. 40 (	05/03/01	150.00	15.00	16.69	10.00
		WEIGHTED AVERAGE FOR THE SECOND QUARTER		----- 150.00	----- 15.00	----- 16.69	----- 10.00
		WEIGHTED AVERAGE FOR THE YEAR		===== 150.00	===== 15.00	===== 16.69	===== 10.00