

## SPECIAL APPROPRIATION

## MISCELLANEOUS PAYROLL - Voucher #207

658	Lundquist, Robert C.	230.59
659	MacPherson, David E.	58.80
660	Madrid, Anthony S.	224.64
661	Medina, George J.	200.62
662	Moreno, Robert	243.60
663	Moya, Eduardo A.	209.51
664	Nelte, Beth A.	43.52
665	Paddlford, Marney	18.23
666	Rowe, George	262.48
667	Salas, Bob	209.51
668	Steele, Robert J.	255.70
669	Terry, Marvin E., Jr.	243.60
670	Torkington, Don	71.70
671	Welborn, Lawrence	111.13
672	Williams, Juanita	24.86
	<b>TOTAL MISCELLANEOUS PAYROLL</b>	<b>4,208.47</b>

## SPECIAL APPROPRIATION

## STUDENT HELP PAYROLL - Voucher #207

673	Albrecht, Charles M.	13.00
674	Allee, Robert E.	24.50
675	Ausanka, Martha	3.00
676	Babcock, John	6.00
677	Bowles, Allen	28.25
678	Case, Russell C.	8.00
679	Chesebro, Stephen D.	30.00
680	Clark, Richard L.	28.00
681	Clifton, Ronald	3.00
682	Cone, David J.	3.00
683	Crouch, Marshall	25.00
684	Dallek, Richard	11.00
685	Faeth, Edward	36.00
686	Governski, Robert J.	9.50
687	Gralla, Lawrence	3.00
688	Gralla, Lawrence	30.00
689	Grewal, Jasjit Singh	25.00
690	Hackman, David	3.00
691	Hague, Richard	6.00
692	Hague, Richard	2.00
693	Harrison, David	3.00
694	Helt, David L.	25.00
695	Hudson, Kent	5.00
696	Kanofsky, Jeff	12.75
697	Kanofsky, Jeff	40.00
698	Lavingia, Pramad	7.00
699	Mehta, Madhukar	6.00
700	Miller, Douglas F.	6.50
701	Murcio, Alvaro	5.00
702	Nix, Roy Gerald	123.00
703	Novo, Gradac Daniel A.	31.50

**SPECIAL APPROPRIATION**

**STUDENT HELP PAYROLL - Voucher #207**

704	Gldenburg, Michael	3.00
705	Owen, Grant	2.00
706	Philippus, John	29.00
707	Rankin, Bill	5.00
708	Reddy, N. Narasimha	26.00
709	Reed, E. Avery	28.50
710	Ross, Albert	3.00
711	Salverowicz, Frank	24.00
712	Sanchez, James R.	53.00
713	Schroeder, Dewayne	10.00
714	Simpson, Percival A.	3.00
715	Simpson, Percival A.	15.00
716	Skidmore, David	3.50
717	Smith, David	3.00
718	Sprague, Jon	3.00
719	Strecker, Jerry	3.00
720	Thomas, Leo R.	5.25
721	Twist, Bob	25.00
722	Wagner, John S.	22.00
723	Webb, Richard W.	30.00
724	White, C. G.	25.50
725	Williams, Juanita	48.00
726	Williams, Kenneth L.	26.75
727	Witowsky, Daniel	2.00
728	Worcester, Anthony	2.25
729	Yancey, Mark S.	15.75
730	Zivin, Norman H.	9.75
	<b>TOTAL STUDENT HELP PAYROLL</b>	<b>988.25</b>
	<b>TOTAL MISCELLANEOUS &amp; STUDENT HELP PAYROLLS</b>	<b>5,196.72</b>

**SPECIAL APPROPRIATION**

**DEDUCTIONS ON FACULTY & SUMMER SCHOOL FACULTY PAYROLLS  
Voucher #205**

Federal Withholding Tax	17,047.06
Colorado Withholding Tax	2,663.70
Retirement	5,585.46
Equitable Life Assurance Society	1,570.38
C.S.M. Federal Credit Union	924.45
Mile High United Funds	85.79
Bonds	332.50
Northwestern Mutual - Tax Sheltered Annuity	400.00
Teachers Insurance & Annuity Ass'n. Tax Sheltered Annuity	410.94
State's Share to Retirement	5,400.38
School's Share to Faculty Insur- ance	1,498.78

SPECIAL APPROPRIATION

DEDUCTIONS ON CIVIL SERVICE PAYROLL - Voucher #206

Federal Withholding Tax	6,865.32
Colorado Withholding Tax	860.92
Retirement	3,155.48
Blue Cross--Blue Shield	1,259.70
Colorado Employees' Association	106.16
G.S.M. Federal Credit Union	1,804.24
Colorado Employees' Credit Union	55.00
Mile High United Funds	18.99
Bonds	66.25
State's Share to Retirement	3,012.92

SPECIAL APPROPRIATION

DEDUCTIONS ON MISCELLANEOUS PAYROLL - Voucher #207

Federal Withholding Tax	431.37
Colorado Withholding Tax	44.03
Blue Cross--Blue Shield	28.95

GRAND TOTAL--PAYROLLS & DEDUCTIONS	183,717.08
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SPECIAL APPROPRIATION

EXPERIMENTAL PLANT PAYROLL - Voucher #208

Crabtree, Edwin H., Jr.	330.08
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TOTAL EXPERIMENTAL PLANT PAYROLL	330.08
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SPECIAL APPROPRIATION

DEDUCTIONS ON EXPERIMENTAL PLANT PAYROLL - Voucher #208

Federal Withholding Tax	81.00
Colorado Withholding Tax	11.92
Retirement	27.00
State's Share to Retirement	27.00

TOTAL DEDUCTIONS ON EXPERIMENTAL PLANT PAYROLL	146.92
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GRAND TOTAL--EXPERIMENTAL PLANT PAYROLL & DEDUCTIONS	477.00
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## SPECIAL APPROPRIATION

## SUPPLY VOUCHERS - 1-7413-42

209	Academic Press, Inc.	110.04
210	Ace-Kauffman Rubber Stamp & Seal	17.17
211	Acme Uniform Rental Service Co.	54.00
212	American Ass'n. of Engineers	1.50
213	American Chemical Society	699.00
214	American College Public Relations Association	10.00
215	American Documentation Institute	12.50
216	American Foundrymen's Society	6.00
217	American Geological Institute	35.00
218	American Geophysical Union	30.00
219	American Institute of Physics	38.00
220	American Instrument Co., Inc.	56.00
221	American Library Association	6.00
222	American Linen Supply Co.	271.20
223	American Mathematical Society	8.00
224	American Meteorological Society	73.00
225	American Museum of Natural History	15.00
226	American Optical Co.	23.40
227	American Petroleum Institute	6.00
228	American Photocopy Equipment Co.	165.27
229	American Society of Civil Engineers	29.00
230	American Society for Engineering Education	100.00
231	American Society for Metals	20.70
232	American Standards Association	6.00
233	Annals of Mathematics	18.00
234	Armstrong Caster Co.	18.32
235	Ass'n. for Applied Solar Energy	12.50
236	The Atlantic	8.50
237	Axle & Transmission, Inc.	55.74
238	Banks Insurance Agency	262.00
239	Barker Company	26.00
240	Baroid Division	394.34
241	Barter Machinery & Supply Co., Inc.	113.40
242	Ben Franklin Store	2.37
243	A. H. Bennett Company	5.00
244	Bios Laboratories, Inc.	54.35
245	Birkhauser Verlag	25.06
246	B. H. Blackwell, Ltd.	43.30
247	Harold Bloom	33.46
248	Homer J. Boyd	175.50
249	Brake & Clutch Service Co.	16.47
250	Charles Bruning Co., Inc.	42.82
251	Buckley Explosives of Colorado, Inc.	74.13
252	Bureau of Hygiene & Tropical Diseases	5.60
253	Burroughs Corp.--Todd Division	30.00
254	Business Machines Company	14.50
255	Cambridge University Press	55.50
256	F. M. Carpenter	17.60
257	Carpenter Paper Company	18.51
258	Carroll Press	3.75
259	Carson Brothers, Inc.	52.63
260	Cascade Laundry & Dry Cleaners	10.40
261	Central Pipe & Supply Co.	25.95



## SPECIAL APPROPRIATION

## SUPPLY VOUCHERS - 1-7413-42

262	Central Scientific Company	30.15
263	Cervi's Rocky Mountain Journal	2.00
264	Orlo E. Childs	18.24
265	Coach & Athlete	3.00
266	Colorado Mountain Club	3.00
267	Colorado Municipal League	2.55
268	C.S.M. Alumni Association	100.00
269	Colorado Surplus Property Agency	224.57
270	Continental Air Lines, Inc.	121.40
271	Continental Oil Co.	19.77
272	Cram, de Gruyter & Co.	9.04
273	C. A. Crosta, Inc.	9.97
274	Current History	7.50
275	Curtis Publishing Co.	5.95
276	Denver Bookbinding Co.	554.20
277	Denver Fire Clay Co.	56.65
278	Denver Laundry & Dry Cleaning	64.76
279	Denver Oxygen Company	3.60
280	Denver Post, c/o Dick Grenfell	48.00
281	Dictaphone Corporation	18.18
282	Dunbar LPG Corporation	47.25
283	Duvall-Davison Lumber Co.	110.31
284	Earth Science Publishing Co., Inc.	2.50
285	Fred D. Masley	3.28
286	Educational Directories, Inc.	29.82
287	Educational & Institutional Co- operative Service, Inc.	123.75
288	Educators Progress Service	8.00
289	Electric Accessories Company	23.00
290	Electrical West	3.00
291	Electronic Engineering	5.00
292	Elk Coal Company	130.68
293	Elsevier Publishing Company	45.00
294	Engineering Index, Inc.	60.00
295	Rudy G. Epis	55.60
296	The Explicator	2.00
297	F. W. Faxon Company, Inc.	9.00
298	Federal Envelope Co.	463.01
299	Joseph J. Finney	18.85
300	Norma L. Flynn	3.25
301	Fortune Electronics of Denver, Inc.	19.92
302	Foss Company	116.96
303	M. L. Foss, Inc.	179.55
304	Foundry	10.00
305	Friden, Inc.	47.80
306	Gauthier-Villars & Co.	103.00
307	Edwin J. Geary	14.00
308	Gen Reproductions Supply Co.	4.00
309	Genuine Parts Company	5.26
310	Geological Society of America	50.00
311	Geomorphological Abstracts	11.70
312	George Banta Company, Inc.	2.50
313	Goldendale Dairies, Inc.	6.00
314	Robert L. Greenwald	149.82
315	Hach Chemical Company, Inc.	10.55

## SPECIAL APPROPRIATION

## SUPPLY VOUCHERS - 1-7413-42

316	Harrison, Raison & Co. Ltd.	12.00
317	Hendrie & Kolthoff Co.	112.73
318	Hested Golden Corporation	3.98
319	A. B. Hirschfeld Press, Inc.	4,571.01
320	H. Hoffman Co.	23.36
321	Hudson Review	4.00
322	Illuminating Engineering Society	18.00
323	Industrial & Labor Relations Review	6.00
324	Industrial Research	7.00
325	Industrieverlag von Herschhausen K.G.	20.00
326	Institute of Electrical & Electronics Engineers, Inc.	120.00
327	Institute of Petroleum	21.17
328	Institution of Chemical Engineers	19.60
329	International Business Machines	1,227.51
330	Interplanetary Publishing Co.	9.00
331	Interstate Radio & Supply Co., Inc.	114.53
332	I.X.L. Typewriter Company	30.00
333	Jeffco Engineering Supply Co.	54.87
334	Jensen Paper Company	264.34
335	Johns Hopkins Press	10.00
336	George W. Johnson	4.16
337	Walter J. Johnson, Inc.	40.78
338	Earle M. Jorgensen Co.	37.46
339	Journal of Chemical Education	4.00
340	J & S Contractors Supply Co.	2.50
341	Harry E. Kelsey	10.64
342	Keuffel & Esser Co.	15.54
343	Kneebel Mercantile Co.	44.06
344	Kohler McLister Paint Co.	221.05
345	Edward W. Lange	11.04
346	Life World Library	3.25
347	La Revue de Metallurgie	57.12
348	L & L Typewriter & Office Equipment, Inc.	42.90
349	Lloyd's School & Office Supply	29.41
350	McGraw-Hill Book Co., Inc.	5.71
351	McMaster-Carr Supply Co.	147.12
352	MacMillan Company	20.00
353	McMurtry Manufacturing Co.	47.13
354	Walter Mattson	9.28
355	James Marris	7.68
356	Meyer Hardware & Sporting Goods	23.77
357	Midwest Photo Equipment Co.	9.50
358	Mine Safety Appliances Co.	31.25
359	Mine & Smelter Supply Co.	136.13
360	Mineralogical Society of America	10.00
361	Miner's Assay Office	35.00
362	Modern Language Ass'n. of America	11.00
363	Montgomery Ward & Company	6.65
364	Motor Car Pool (Revolving Fund)	438.49
365	Mountain States Telephone	1,891.97
366	National Association of Corrosion Engineers	15.00
367	National Mine Service Company	37.50

## SPECIAL APPROPRIATION

## SUPPLY VOUCHERS - 1-7413-42

368	National Parks Association	4.00
369	National Speleological Society	6.00
370	National Trade Press Group	6.00
371	Ray Nelson Super Service	8.45
372	Newark-Denver Electronic Supply Co.	16.20
373	North Central Ass'n. of Colleges & Secondary Schools	385.00
374	North-Holland Publishing Co.	267.00
375	N.V. Uitgeversmaatschappij Centrex	17.50
376	O'Meara Ford Co.	27.06
377	Milton F. O'Neil	6.24
378	Oxford University Press	12.00
379	Paint, Inc.	22.97
380	Park County School District #Re-2	100.00
381	Parr Instrument Co.	16.45
382	Petroleum Press Service	11.23
383	Philosophy of Science Ass'n.	7.00
384	John W. Pickthall	14.24
385	Pitney-Bowes, Inc.	54.12
386	Plains Anthropologist	3.00
387	Public Service Co. of Colorado	206.25
388	Punch Office	11.00
389	Reader's Digest	2.97
390	Recreational Mathematics Magazine	9.00
391	Refinery Supply Co.	261.36
392	Regal Plastic Supply Co.	377.01
393	RemRand Office Machines	11.87
394	RemRand Systems	45.75
395	C.S.M. Revolving Fund	798.33
396	Riley's Reproductions, Inc.	61.55
397	Rio Grande Co.	10.81
398	James G. Robinson	33.60
399	Rocky Mountain Social Science Journal	2.50
400	Royal Astronomical Society	16.20
401	R.T.V. Sales, Inc.	4.95
402	Ryall Electric Supply Co.	72.69
403	Sanitary Specialties Co.	100.11
404	Scholarly Books (Richard Abel & Co.)	16.20
405	Service Office Supply	11.20
406	Shakespeare Ass'n. of America, Inc.	8.00
407	Sinclair Refining Company	187.05
408	Skally Oil Co.	46.83
409	Smith-Corona Marchant, Inc.	23.60
410	Society for the Advancement of Education, Inc.	7.50
411	Society of American Military Engineers	8.00
412	Society of Economic Paleontologists & Mineralogists	31.00
413	Society for Experimental Stress Analysis	12.00
414	Society of Exploration Geophysicists	8.00
415	Society for Industrial & Applied Mathematics	14.00
416	Society of Photographic Scientists & Engineers	15.00

## SPECIAL APPROPRIATION

## SUPPLY VOUCHERS - 1-7413-42

417	Society of Plastics Engineers, Inc.	8.00
418	Sondie & Bronella, Inc.	69.55
419	South African Mining Journal Syndicate Limited	7.70
420	Special Libraries Association	10.00
421	Speech Association of America	10.00
422	Standard Electric Time Co.	73.10
423	State Purchasing Agent--Revolving Fund No. 2101	3,896.21
424	Steel--Penton Publishing Co.	7.50
425	Gurnett Steinbauer	20.08
426	Vincent E. Stolpa	8.00
427	Suburban Press	3.25
428	Taylor & Francis, Ltd.	56.86
429	Technical Publishing Company	7.00
430	Technology Publications Ltd.	20.00
431	Temple Press Ltd.	36.00
432	Texaco, Inc.	107.76
433	Thermo-Fax Sales of Colorado, Inc.	58.00
434	Thompson Pipe & Steel Company	9.26
435	Transport Clearings of Colorado, Inc.	37.02
436	Tree Electric Service, Inc.	51.42
437	Tulsa Geological Society, Inc.	4.00
438	Twentieth Century Fund	3.15
439	UGA Trust	11.01
440	Union Pacific Railroad	83.70
441	Union Supply Company	144.00
442	Unistrut Western, Inc.	14.81
443	United States Welding	256.98
444	Universal Tractor Co.	93.24
445	University of California Press	18.40
446	University of Chicago Press	64.95
447	University of Illinois Press	6.00
448	Vacuum-Electronics Corporation	39.84
449	Chancy D. Van Pelt	107.71
450	Van Waters & Rogers, Inc.	201.10
451	Varian Associates	58.54
452	Vari-L Company, Inc.	37.74
453	VariTyper Corporation	35.50
454	Water Information Center, Inc.	24.00
455	Water Power	7.00
456	Wayne State University Press	6.00
457	West Chemical Products, Inc.	13.00
458	Western Baiting Co., Inc.	5.73
459	Western Fountain Supply, Inc.	10.50
460	Western Repair Company	11.10
461	John Wiley & Sons, Inc.	46.37
462	W. W. Wilmore Nurseries, Inc.	78.00
463	World Tennis	4.00
464	Writer's Digest	4.00
465	Yale Review	4.00
478	U.S. Postmaster--Golden, Colorado	1,000.00

TOTAL SUPPLY VOUCHERS - 1-7413-42

26,931.43

SPECIAL APPROPRIATION

CAPITAL OUTLAY VOUCHERS - 1-7413-31

466	Concor, Inc.	2,090.00	
467	General Radio Company	491.00	
468	Leeds & Northrup Company	150.00	
469	L & L Typewriter & Office Equip- ment, Inc.	234.50	
470	Mutual Furniture & Fixture Co.	240.00	
471	Refinery Supply Company	309.44	
472	Thermo-Fax Sales of Colorado, Inc.	249.00	
473	Vacuum-Electronics Corporation	782.97	
474	Weston Instruments	203.52	
475	Woeber Auto Body & Manufacturing	4,900.00	
	TOTAL CAPITAL OUTLAY VOUCHERS - 1-7413-31		9,650.43

SPECIAL APPROPRIATION

STUDENT LOAN FUND - 1-7413-51

476	C.S.M. Student Loan Fund	2,500.00	
	TOTAL STUDENT LOAN FUND - 1-7413-51		2,500.00

SPECIAL APPROPRIATION

EXPERIMENTAL PLANT - 1-7413-52

477	C.S.M. Research Foundation, Inc.	2,609.23	
	TOTAL EXPERIMENTAL PLANT VOUCHERS - 1-7413-52		2,609.23

CAPITAL EQUIPMENT

8-9209-52

2	Balco School Equipment Co.	4,362.00	
3	Snyder Metal Equipment Co.	974.50	
4	West Chemical Products, Inc.	251.75	
	TOTAL CAPITAL EQUIPMENT - 8-9209-52		5,588.25

BROOKSFIELD LIGHTING

8-9209-53

5	Daily Journal	25.74	
6	Golden Transcript	27.50	
	TOTAL BROOKSFIELD LIGHTING - 8-9209-53		53.24



MILL LEVY BUILDING FUND

9-9700

53	F. J. Kirchhof Construction Co.	38,792.00
54	McCarty-Johnson, Inc.	3,918.00

TOTAL MILL LEVY BUILDING FUND

42,710.00

Previous Minutes. The minutes of the meeting held on August 8, 1963 were approved.

Mrs. Ray Sumner. President Childs read a letter received from Mrs. Ray Sumner which acknowledged with appreciation the resolution adopted by the Board at the June 14 meeting.

Well Sample Library. There was nothing to report on this and Dr. Parker said he would get in touch with Mr. Mitchell.

Course Inventory. President Childs reported that he had discovered as he had gone into this matter there did exist quite extensive reports on course content which had been done in previous years for accreditation reports. The work which had been done, however, for accreditation was too detailed and voluminous for practical use. President Childs asked for directions.

The members of the Board felt it was important that the statements on course content be concise, possibly one page in length, and the statements should show that courses are oriented into the general field of mineral engineering, that there is correlation, that advances in the technology of the specific field are being incorporated into the course, and that the objectives and philosophy of the course should be stated. A review of the prerequisites of the course should also be shown.

President Childs stated he would have one department prepare a course inventory as a pattern for other departments to follow and that this pattern would be brought to the Board for approval before the general assignment was given.

Prospective Board Member. President Childs reviewed names of persons suggested by the members of the Board. In the discussion which followed, it was the consensus that the person appointed to the Board to fill the vacancy left by the death of Mr. Dave Johnston should have a strong interest in the School and because of the size of the Board, availability was important.

Upon a vote by the Board and President Childs, it was decided to submit three names to the Governor for his consideration in filling the vacancy. The three names were Professor Emeritus Clark B. Carpenter, John A. Wolfe, and Edwin J. Eisenach.

A brief review of the background of each of these three men will be prepared and placed in the hands of Mr. Coors for informal presentation to the Governor.

Name of School. President Childs stated he had placed this item on the agenda now not with the thought of getting immediate action but to initiate discussion for future action.

The members of the Board expressed unanimous belief that a change should be made relatively soon and the change should be one which would broaden the public acceptance and understanding of the School. It was recognized, however, that no change could be made before legislative action in two years but the process of name selection should begin immediately.

President Childs recommended the change to Colorado Mineral Engineering University.

The Board asked Dr. Childs to prepare a draft proposal for the next Board meeting with the idea of presenting such a proposal later to the Advisory Board, faculty, and alumni.

National Academy of Science Invitation. President Childs reported that an announcement had been received from the National Academy of Science regarding opportunities for exchange visits to the USSR during the 1964-65 academic year. He stated he was very interested in applying for such an opportunity to inspect Russian facilities in the fields of petroleum and mineral engineering.

The Board gave Dr. Childs approval to submit an application.

Part-time Students - Tuition. President Childs reviewed the discussion held on the establishment of tuition for part-time undergraduate students. He stated that the catalogue now carried the rates for part-time graduate students as \$10 per semester hour for residents and \$20 per semester hour for nonresidents.

For the 1963-64 school year, the Board approved these same rates for part-time undergraduate students with a maximum of 10 semester hours. Any student carrying more than 10 hours must be considered a full-time student and pay the full semester tuition. No fees would be required of any student fitting the part-time classification.

The Board agreed that the part-time rates as presently carried in the catalogue for graduate students and as will, for the present, apply to undergraduate students were too low and as soon as possible should be raised to make them equitable with the full-time tuition rates.

Readmissions. President Childs reported he was concerned that because of the high standards required here and the method used to calculate cumulative Quality Point Averages, we are sometimes the cause of students not being able to continue their education here or elsewhere. He said he felt some revision should be made so that if a student could not continue here the student could build a transfer package and recover in some other school. The Board was in complete agreement with President Childs.

For  
correct  
per  
Oct 14  
minutes

New Faculty Appointments. After President Childs reviewed the qualifications and positions to be held by each, the Board approved the following appointments:

Paul G. Herold	\$13,000
Research Professor of Ceramic Materials	
David A. Shotwell	7,400
Instructor in Mathematics	
W. John Cieslewicz	1,500
Special Lecturer in Russian	

Dedication of Metallurgy Building. President Childs reported that he had contacted Senator Gordon Elliott about his schedule with regard to the dedication of the metallurgy building. The Board agreed that December would be the earliest possible time for the dedication.

Campus Plan. President Childs presented to the Board his concept of a long-range plan for the campus. This plan grouped into areas the living facilities, academic buildings, academic research, and industrial research. This plan would call for our next building to be built to house mathematics and geophysics. The plan permitted access to each building for fire protection, service cars, and trucks.

The meeting recessed for lunch and afterwards resumed in the same location.

Mr. Steinhauer entered the meeting at this time.

Five-Year Capital Construction Schedule. As requested by the State Planning Division, Mr. Steinhauer had prepared a projection of capital construction for the next five years, broken down into planning funds, construction funds, and equipment funds. Capital construction requests for 1964-65 include arrangement by priorities.

The projection as submitted showed Engineering Building (A) - mathematics and geophysics - to be built first and Engineering Building (B) - mining and basic engineering - to be built next. An addition to the library was shown as the third building to be built.

The Board approved this capital construction proposal.

1964-65 Budget. Mr. Steinhauer distributed copies of proposed budget showing two plans, as requested by the Board at the August meeting. The Plan B reflected a reduction of \$103,000 from the budget submitted in August.



After some discussion, the Board approved the proposed budget, Plan B, in the amount of \$2,903,182 for the 1964-65 year.

Tax Status of Fraternities. Mr. Steinbauer reviewed the situation which in essence was no different than it was as reported at the August meeting. He said he had consulted Mr. Sam McClaren and Mr. McClaren said any appeal should be made by the fraternities, not by the School.

The Board members agreed that (1) we should determine how many of the fraternities would wish to participate in an appeal, and (2) does the School have any funds which could be used to assist the fraternities with legal counsel.

Upon motion made and seconded, it was approved that up to \$1,000 from the Guggenheim Fund should be made available if this sum could be shared equally with the CSM Foundation.

It was also agreed that the firm of Holme, Roberts, More and Owen should be asked to represent the fraternities.

Interior Decorating - College Union. Mr. Steinbauer reported that he had obtained proposals from Dasks, Inc. and from Kistler's, in addition to the proposal submitted by Mr. Sudler under date of August 7, 1962.

After reviewing all proposals, it was moved, and seconded that the work be done by Kistler's as contained in their proposal dated August 20, 1962. Mr. Coors abstained in the voting. President Childs stated he would contact Mr. Stockmar by phone for his vote. (Later telephone contact with Mr. Stockmar resulted in his vote for the selection of Kistler's proposal.)

Construction Loan - Denver United States National Bank. Mr. Steinbauer reported that it was necessary to borrow construction funds for the HIFA project because the HIFA money would not be available for use until the project was 80 per cent completed.

Upon motion by Mr. Coors, seconded by Mr. Fenwick, and unanimously passed, Mr. Gurnett Steinbauer, Business Manager, was authorized to use the loan agreement dated January 1, 1962 between the Colorado School of Mines and the United States of America to borrow on behalf of the Board of Trustees of the Colorado School of Mines from the Denver United States National Bank of Denver, Colorado, such amounts as may be necessary for meeting construction costs on Project #CH-Cole-46(DS) pending sale of revenue bonds for financing said construction bearing interest at a rate not to exceed 2-5/8 per cent per annum on the amount of the loan outstanding and limited to a total loan of \$1,250,000 which shall be secured by a pledge of revenue to be derived from the sale of the bonds.



Married Student Housing. Mr. Steinbauer read his recommendations made to President Childs with regard to the married student housing situation. These recommendations are as follows:

1. That the 46 units in Prospector Park that have not been improved be unavailable for occupancy after August 31, 1964. Present occupants of these units would have first priority for apartments on the new project.
2. Improve the interior of the remaining improved 30 units by installing new flooring, installing wall-board where needed, painting where required, recovering the drain boards in the kitchen, new stoves, etc. It is estimated that this could be accomplished at an average cost of \$1,000 per unit, with this work to be done during the summer of 1964.
3. Increase the rent on the one bedroom units from \$30 per month to \$45 per month and on the two bedroom units from \$35 per month to \$55 per month. These new rental figures would include the cost of all utilities with the exception of telephone service and would become effective as of September 1, 1964. This rental increase would amortize the interior improvements over a period of approximately five years.

Mr. Steinbauer further recommended that the 46 units referred to in (1) above be demolished as soon as possible after September 1, 1964.

Upon motion made, seconded, and unanimously passed, the above recommendations were approved.

Planting - Science Building. Mr. Steinbauer reported that as requested at an earlier meeting he had obtained from the landscape architect a new plan for the landscaping of the new science building. The new plan carried an estimate of \$1,061.

Upon motion, seconded, and unanimously passed, the new plan was approved.

Monthly Reports. Mr. Steinbauer distributed copies of the monthly reports as follows: Summary of Budget Appropriation & Disbursements, as of August 31, 1963; Balance Sheet, August 31, 1963; Mill Levy Building Fund, as of August 31, 1963; Experimental Plant, Summary of Budget Appropriation & Disbursements, as of August 31, 1963; College Union Fund, Summary of Budget Appropriation & Disbursements, as of August 20, 1963;

Statement of Income & Expense, C.S.M. Dormitory System Revenue Fund, as of August 20, 1963; Statement of Income & Expense, C.S.M. Self-Maintained Properties, as of August 31, 1963; Budget Period, 1962-63 Health and Accident Plan, Associated Students of the Colorado School of Mines, Inc., as of August 30, 1963; and the Athletic Association, Summary of Budget Appropriation & Disbursements, as of August 20, 1963.

The meeting adjourned at 3:10 p.m.

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Assistant Secretary

September 12, 1963

Golden, Colorado  
October 14, 1963

The Board of Trustees met in special session on October 14, 1963, at 8:30 a.m., in the President's Office of the Colorado School of Mines.

Mr. Edwin J. Eisenach took the oath of office as a newly-appointed member of the Board of Trustees.

Present: Messrs. Coors, Eisenach, Parker, and Stockmar.

Absent: Mr. Fenwick.

Dr. Parker, President of the Board, presided.

President Childs attended the meeting.

Bills against the SPECIAL APPROPRIATION, EXPERIMENTAL PLANT FUND, and the MILL LEVY BUILDING FUND were examined and allowed as set forth on the following pages, Nos. 2 through 16, inclusive.

October 14, 1963

## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #479

731	Allen, Jimmie L.	452.17
732	Subcock, Henry A.	556.91
733	Baer, Charles R.	550.04
734	Bariani, Geraldine D.	403.55
735	Barber, Martin S.	572.13
736	Barton, Richard J.	514.49
737	Bartunek, Paul F.	619.18
738	Bator, George T.	495.65
739	Beuman, Victor W.	431.92
740	Bass, Daniel M. Jr.	926.51
741	Bisque, Ramon E.	522.81
742	Bloom, Harold	450.24
743	Bronnecke, Fritz S.	764.32
744	Burdick, H. Dean	674.75
745	Burger, William V.	660.38
746	Campbell, Frank R.	567.98
747	Carpenter, Frederick	586.60
748	Carpenter, Robert H.	687.15
749	Chapitis, William J.	505.18
750	Childs, Orlo E.	1,264.77
751	Christensen, William	393.80
752	Cieslewicz, W. John	144.79
753	Coke, John M.	659.30
754	Compston, W. D.	556.17
755	Conroy, Bernetta	395.72
756	Cook, George S.	408.88
757	Crick, Nelson B.	400.32
758	Darden, James	536.02
759	Darnell, Byron	320.42
760	Davies, Joseph E.	563.38
761	Dickson, Philip F.	520.64
762	Dickerhoof, Dean W.	474.67
763	Dunke, Walter H.	787.47
764	Eng, Henry K.	459.79
765	Epis, Rudy G.	500.74
766	Ferrell, Edward F.	453.12
767	Finney, Joseph J.	487.83
768	Fisher, Edward G.	567.36
769	Fletcher, David E.	510.64
770	Fletcher, Hilbert E.	477.50
771	Fox, Leland S.	429.64
772	Fritts, Paul J.	444.16
773	Frost, Hildreth, Jr.	546.92
774	Frush, Charles O.	538.43
775	Fuersteneu, Maurice G.	534.92
776	Fuller, Martin E., II	493.17
777	Gary, James H.	913.92
778	George, John M.	479.67
779	Gore, Jack H.	494.31
780	Greenwald, Robert L.	674.75
781	Grosvenor, Niles E.	524.04
782	Gutman, Raymond R.	415.42
783	Hadsell, Frank A.	563.54
784	Hancock, John W.	479.87
785	Hartkemeier, L. W.	579.08



## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #479

786	Neun, John D.	525.68
787	Hayes, John R.	735.29
788	Herold, Paul G.	790.45
789	Hewlett, Richard F.	205.26
790	Hiltrop, Carl L.	482.50
791	Hollister, John C.	907.88
792	Hughes, Richard V.	611.94
793	Hutchinson, Robert M.	643.65
794	Jensen, R. C.	415.83
795	Johnson, George W.	590.42
796	Johnstone, James G.	569.30
797	Jordan, A. Raymond	942.22
798	Jurney, William H.	432.67
799	Kalal, Leonard A.	431.58
800	Kelly, T. A.	729.22
801	Kelsey, Harry E.	491.77
802	Kent, Harry C.	456.20
803	Kline, John V.	601.67
804	Klugman, Michael A.	541.63
805	Kohlheiss, Charles A.	433.11
806	Kuhn, Truman H.	1,061.45
807	Larson, Andrew H.	626.77
808	Laubach, Winton	429.98
809	LeMaire, George W.	645.40
810	Lentz, Oscar H.	243.44
811	LeRoy, L. W.	684.57
812	Long, V. Allan	736.29
813	Lubalm, J. D.	823.68
814	Lucash, George B.	601.22
815	Macleay, Robert Q.	522.59
816	Manfred, Ernest J.	352.87
817	Marsh, Donald C. B.	510.89
818	Marshall, Scott J.	437.51
819	Mateer, W. D.	401.71
820	Mathews, Frank S.	592.46
821	Merideth, George T.	821.95
822	Merrin, James	552.09
823	Moore, Fred E.	494.23
824	Nordquist, Carl G.	543.39
825	Osborn, Robert B.	547.04
826	Pegis, Anton G.	588.52
827	Penley, James C.	490.33
828	Pierce, A. L.	384.96
829	Pinnick, Harry T.	564.88
830	Pohrte, Theodore W.	415.80
831	Preston, Ronald D.	587.04
832	Reed, John J.	894.33
833	Reynolds, G. Fredric	485.33
834	Richtmann, W. H.	596.68
835	Rinehart, John S.	1,005.36
836	Robinson, James G.	653.42
837	Rodgers, Paul A.	628.92
838	Schieitz, N. Cyril	710.56
839	Schlechten, Albert W.	1,011.01
840	Shotwell, David A.	455.38



## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #479

841	Shull, Charles M. Jr.	594.29
842	Sisson, George T.	400.30
843	Smiley, Francis E., Jr.	509.22
844	Spear, Sherman W.	589.51
845	Starks, Charles W.	424.35
846	Steinhauer, Gurnett	962.06
847	Starnole, Franklin J.	517.81
848	Stewart, Frances L.	341.38
849	Taylor, Robert J.	385.87
850	Thomas, John C.	430.91
851	Trexler, David W.	496.87
852	VanPelt, Chancy D.	498.17
853	Wilcox, Virginia Lee	674.06
854	Williams, John T.	626.77
855	Wright, Curtis E.	487.86
856	Wright, W. Lloyd, M. D.	357.80

TOTAL FACULTY PAYROLL

71,004.68

## SPECIAL APPROPRIATION

## FACULTY PAYROLL FOR SUMMER SCHOOL - Voucher #479

857	Babcock, Henry A.	347.45
858	Baer, Charles R.	304.87
859	Barton, Richard J.	311.73
860	Bowman, Victor W.	292.22
861	Broadbent, Carl	103.71
862	Campbell, Frank R.	357.11
863	Chapitis, William J.	307.43
864	Coke, John M.	416.05
865	Cone, David	51.67
866	Cook, George S.	325.22
867	Davis, Walter H.	470.96
868	Finney, Joseph J.	289.41
869	Frush, Charles O.	357.68
870	Hartkemeier, L. W.	356.24
871	Hutchinson, Robert M.	342.17
872	Johnson, George W.	198.64
873	Johnstone, James G.	340.28
874	Journey, William H.	362.80
875	Kelly, T. A.	472.48
876	Kline, John V.	361.96
877	Laubach, Winton H.	258.96
878	Marshall, Scott J.	298.88
879	Merrin, James	198.64
880	Nordquist, Carl G.	328.81
881	Osborn, Robert B.	334.94
882	Pegis, Anton G.	361.31
883	Pinnick, Harry T.	169.51
884	Pohrte, Theodore W.	298.42

**SPECIAL APPROPRIATION**

**FACULTY PAYROLL FOR SUMMER SCHOOL - Voucher #479**

885	Preston, Ronald D.	337.95
886	Starks, Charles W.	286.41
887	Sternole, Franklin J.	183.25
888	Tan, Mario Y.	135.57
889	Townsend, Ralph E.	103.71
890	White, Christopher G.	158.93
891	Williams, John T.	372.91
<b>TOTAL FACULTY PAYROLL FOR SUMMER SCHOOL</b>		<b>10,178.28</b>
<b>GRAND TOTAL - FACULTY PAYROLLS</b>		<b>81,182.96</b>

**SPECIAL APPROPRIATION**

**CIVIL SERVICE PAYROLL - Voucher #480**

892	Aldredge, Ruth P.	215.51
893	Averill, Margaret S.	146.99
894	Bain, Miriam W.	311.36
895	Barge, Keith A.	236.60
896	Barthel, William L.	314.90
897	Beaty, Ernest B.	194.57
898	Berlin, Avis M.	173.57
899	Billingham, Charles	309.73
900	Bliss, Mary Geneva	231.33
901	Braun, Frank J.	283.13
902	Britton, Esther B.	293.57
903	Brobeck, Harold V.	313.58
904	Brown, Em Arnold	232.42
905	Bruns, Audrey M.	261.82
906	Bufmak, Frank	235.79
907	Burtlow, Cedric G.	350.61
908	Bussert, Shirley	293.43
909	Carper, Leorabel	223.09
910	Carver, Walter B.	410.58
911	Casady, Leonard D.	382.29
912	Chambers, Paul	286.96
913	Childers, Engre H.	363.05
914	Connor, Rex L.	351.60
915	Cummins, Faith B.	234.56
916	Danley, Clint	327.39
917	Dickens, Mari	360.93
918	Dillon, Ross Harold	366.95
919	Dinkmeyer, Elvera B.	315.21
920	Doan, Francis	392.55
921	Drake, Ollie L.	154.49
922	Dugger, Helen F.	194.38
923	Dyar, Barbara Burfitt	245.42
924	Dygert, Harold	248.05
925	Easley, Fred D.	392.05
926	Hastin, Dick	248.70
927	Farmer, Clarence J.	375.66

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL - Voucher #480

928	Fortune, William E.	386.46
929	Gallegos, Alfred J.	378.18
930	Geary, Edwin J.	319.63
931	Gillchrist, Clarence	244.59
932	Godfrey, J. H.	303.27
933	Gregory, Clyde G.	369.47
934	Hansen, Leonard C.	206.04
935	Hansen, Ola E.	263.66
936	Hatfield, John	316.47
937	Hawkins, Stella L.	241.79
938	Helps, Diane L.	234.12
939	Hendrickson, Vernon A.	226.26
940	Hoefler, Arthur	228.66
941	Hoffert, Helen M.	229.56
942	Hoskins, Raymond	172.00
943	Howarter, William H.	255.59
944	Jenson, Hendrietta O.	295.80
945	Johnston, Helen	320.11
946	Jones, Judy M.	109.43
947	Krattli, Tetley L.	319.57
948	Kubesh, Josephine	234.71
949	Lamb, Melanee B.	251.71
950	Lange, Edward	407.30
951	Lietz, Rudolph	326.57
952	Light, Sheila M.	234.65
953	Ljungvall, Donald	362.25
954	Loving, Orville	402.91
955	Lyon, Robert R.	259.99
956	Mandiloff, Dean M.	244.68
957	Mandiloff, Vasil G.	314.95
958	Marvin, Thomas	362.99
959	Matthews, Arthur W.	223.00
960	Mattson, Carl Walter	365.24
961	Mayo, Mary Lou	224.26
962	Melcher, Adolf	195.46
963	Michaelis, Harold C.	343.29
964	Mineff, Peter	283.58
965	Moore, Grace	250.26
966	Mortimer, Patricia A.	261.66
967	Nandres, Michael, Jr.	241.25
968	Nelson, Johnne R.	257.75
969	Nichols, Clarence	439.03
970	Nobles, Edna L.	175.73
971	Nobles, William	207.44
972	Nordyke, Ina G.	244.42
973	Obermeyer, Robert H.	268.01
974	O'Lear, Thomas	331.29
975	O'Neil, Milton	423.23
976	Paddleford, Mary M.	243.11
977	Parsons, Von E.	269.01
978	Partridge, Jesse C.	215.24
979	Fayne, Jesse E.	289.38
980	Ferex, John R.	335.18
981	Feters, Roy V.	235.65

## SPECIAL APPROPRIATION

## CIVIL SERVICE PAYROLL - Voucher #480

982	Phillips, Helen K.	250.01
983	Pickthall, John W.	407.82
984	Porter, Dorothy M.	330.04
985	Powell, Charles L.	387.25
986	Ratcliff, John B.	383.18
987	Rhems, Ruth Ann	339.24
988	Rice, Irah M.	201.19
989	Richards, Robert H.	357.97
990	Robb, Donald	274.59
991	Rogers, Charlotte C.	234.04
992	Routh, Carl D.	363.76
993	Rushton, John E.	293.06
994	Schader, Loretta B.	302.55
995	Schieffelin, Eleanor	338.49
996	Simpson, Albert E.	342.58
997	Simpson, Bert D.	236.65
998	Smith, Mildred	290.27
999	Spencer, Robert A.	371.40
1000	Stark, Henry	283.98
1001	Steffonich, Harvey I.	309.91
1002	Sterling, Mary Ann	334.42
1003	Stitt, Walter D.	382.20
1004	Stolps, Vincent R.	444.52
1005	Teer, Lucy E.	199.72
1006	Thomas, Laverne F.	256.25
1007	Thomas, Luella F.	269.31
1008	Tiedt, John	367.00
1009	Tomic, Frank J.	244.42
1010	Tracy, Frank	403.78
1011	Tripp, Warren	349.61
1012	Underwood, Lavern F.	268.01
1013	Underwood, William V.	280.59
1014	Valentine, Florence D.	248.71
1015	Vaughn, Clarence	208.15
1016	Waters, Ernest E.	463.53
1017	Wendell, David L.	338.49
1018	Woodford, Donna N.	221.51
	<b>TOTAL CIVIL SERVICE PAYROLL</b>	<b>36,969.86</b>

## SPECIAL APPROPRIATION

## MISCELLANEOUS PAYROLL - Voucher #481

1043	Anado, Henry	232.88
1044	Anderson, Richard	132.59
1045	Austin, Anthony C.	101.10
1046	Brennecke, Louise	4.39
1047	DeGrazio, Bettie L.	152.76
1048	Dondan, Clemente	249.00
1049	DeGrazio, Bettie L.	32.64

**SPECIAL APPROPRIATION**

**MISCELLANEOUS PAYROLL - Voucher #481**

1050	Ferguson, John A., Jr.	135.80
1051	Gonzales, Raymond	236.55
1052	Hegel Pitt, Herman J.	182.31
1053	Holt, June I.	151.84
1054	Jones, Judy M.	169.58
1055	Kintner, Jack	250.68
1056	Lundquist, Robert G.	151.54
1057	MacPherson, David B.	126.08
1058	Madrid, Anthony S.	223.40
1059	Moreno, Robert	243.60
1060	Paddiaford, Marney	4.85
1061	Richards, Virginia L.	132.87
1062	Robinson, Robert H.	71.70
1063	Rowe, George	142.87
1064	Ruddick, Trus S.	97.39
1065	Selas, Bob	110.63
1066	Terry, Marvin R., Jr.	243.60
1067	Welborn, Lawrence	199.67
1068	Wypyhoski, Edward G.	195.35
	<b>TOTAL MISCELLANEOUS PAYROLL</b>	<b>3,974.85</b>

**SPECIAL APPROPRIATION**

**GRADUATE FELLOWSHIP PAYROLL - Voucher #481**

1019	Balakrishnan, M.	147.33
1020	Balachandran, Kandiah	147.33
1021	Calkin, William	147.33
1022	Carlson, G. Robert	170.00
1023	Cummins, William F., Jr.	147.33
1024	Golsing, Arthur	206.76
1025	Hen, Charles Ju Wu	90.97
1026	Hobbs, James W.	147.24
1027	Hutchinson, Alan	90.97
1028	Laussen, Gary W.	90.97
1029	Marata, Yuzuru	147.33
1030	Mathias, Adrien, J.	147.33
1031	Nelson, Mark T.	147.33
1032	Ramaewany, V.	90.97
1033	Ruiz, German	90.97
1034	Sage Ronald P.	147.33
1035	Schwartz, Frederick P.	147.33
1036	Shimoda, Elwyn	85.00
1037	Spiromello, Victor R.	169.40
1038	Tan, Mario	169.40
1039	Verdine, Giuliano	90.97
1040	Wang, Yung Liang	158.91
1041	Wu, Ching Hwang	147.33
1042	Zook, Raymond D.	90.97
	<b>TOTAL GRADUATE FELLOWSHIP PAYROLL</b>	<b>3,216.80</b>



**SPECIAL APPROPRIATION****STUDENT HELP PAYROLL - Voucher #481**

1069	Albrecht, Charles M.	15.50
1070	Allen, Robert E.	8.00
1071	Avery, Irving F.	30.00
1072	Bowles, Allan	7.50
1073	Cass, Russell C.	16.00
1074	Chasebro, Stephen D.	25.00
1075	Clark, Richard L.	25.00
1076	Dallek, Richard	20.00
1077	Edwards, Johathan, Jr.	16.50
1078	Feath, Edward	15.50
1079	Farris, Douglas	41.50
1080	Findley, Lee	28.00
1081	Gralle, Lawrence	20.00
1082	Holt, David L.	30.00
1083	Johns, Henry C.	58.50
1084	Johnson, Donald N.	48.00
1085	Kanofsky, Jeff	47.00
1086	Kanofsky, Jeff	6.25
1087	Koch, Franz D.	30.00
1088	Kries, Henry	1.50
1089	Lavignie, Pramod	58.50
1090	Mehta, Madhukar	49.00
1091	Miller, Douglas F.	25.50
1092	Murcia, Alvaro	37.00
1093	Nelson, Mark T.	10.00
1094	Nix, Roy Gerald	105.00
1095	Oldenburg, Michael	18.50
1096	Patton, Gary M.	25.00
1097	Philippus, John	21.00
1098	Reddy, N. Narsimha	62.00
1099	Reed, E. Avery	30.00
1100	Salwerowicz, Frank	11.00
1101	Schroeder, Dewayne	15.00
1102	Simpson, Percival A.	12.00
1103	Spelz, Charles N.	20.00
1104	Tajera, Frank D.	65.00
1105	Wagner, John S.	9.00
1106	Webb, Richard W.	30.00
1107	White, C. G.	8.00
1108	Williams, Jusnita	139.50
1109	Williams, Kenneth L.	4.00
1110	Yancey, Mark S.	15.00
1111	Zivin, Norman H.	17.75
	<b>TOTAL STUDENT HELP PAYROLL</b>	<b>1,277.50</b>
	<b>TOTAL MISCELLANEOUS &amp; STUDENT HELP PAYROLLS</b>	<b>5,252.35</b>

**SPECIAL APPROPRIATION****DEDUCTIONS ON FACULTY & SUMMER SCHOOL FACULTY PAYROLLS  
Voucher #479**

Federal Withholding Tax	15,341.08
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**SPECIAL APPROPRIATION**

**DEDUCTIONS ON FACULTY & SUMMER SCHOOL FACULTY PAYROLLS  
Voucher #479**

Colorado Withholding Tax	2,304.03
Retirement	5,728.20
Equitable Life Assurance Society	1,708.22
C.S.M. Federal Credit Union	817.43
Mile High United Funds	76.79
Bonds	328.75
Northwestern Mutual - Tax Sheltered Annuity	400.00
Teachers Insurance & Annuity Ass'n. Tax Sheltered Annuity	410.94
State's Share to Retirement	5,518.17
School's Share to Faculty Insurance	1,627.94

**SPECIAL APPROPRIATION**

**DEDUCTIONS ON CIVIL SERVICE PAYROLL - Voucher #480**

Federal Withholding Tax	6,951.82
Colorado Withholding Tax	870.36
Retirement	3,217.31
Blue Cross--Blue Shield	1,239.10
Colorado Employees' Association	105.16
C.S.M. Federal Credit Union	1,835.33
Colorado Employees' Credit Union	55.00
Mile High United Funds	18.99
Bonds	66.25
State's Share to Retirement	3,079.75

**SPECIAL APPROPRIATION**

**DEDUCTIONS ON GRADUATE FELLOWSHIP PAYROLL - Voucher #481**

Federal Withholding Tax	331.50
State Withholding Tax	31.70

**SPECIAL APPROPRIATION**

**DEDUCTIONS ON MISCELLANEOUS PAYROLL - Voucher #481**

Federal Withholding Tax	396.64
State Withholding Tax	40.13
Blue Cross--Blue Shield	39.00

**GRAND TOTAL--PAYROLLS & DEDUCTIONS 179,191.58**

**SPECIAL APPROPRIATION**

**EXPERIMENTAL PLANT PAYROLL - Voucher #482**

Crabtree, Edwin R., Jr. 330.08

**TOTAL EXPERIMENTAL PLANT PAYROLL 330.08**

**SPECIAL APPROPRIATION**

**DEDUCTIONS ON EXPERIMENTAL PLANT PAYROLL - Voucher #482**

Federal Withholding Tax 81.00

Colorado Withholding Tax 11.92

Retirement 27.00

State's Share to Retirement 27.00

**TOTAL DEDUCTIONS ON EXPERIMENTAL PLANT PAYROLL 146.92**

**GRAND TOTAL--EXPERIMENTAL PLANT PAYROLL &  
DEDUCTIONS 477.00**

SPECIAL APPROPRIATION

SUPPLY VOUCHERS - 1-7413-42

483	Academic Press, Inc.	16.00
484	Acc-Kauffman Rubber Stamp & Seal Co.	59.16
485	Acme Building Maintenance Co.	41.00
486	Acme Visible Records, Inc.	114.25
487	Acoustics & Specialties, Inc.	32.41
488	ACTA Polytechnica Scandinavica	7.72
489	Addressing Machines & Business Equipment Company	42.00
490	Addressograph-Multigraph Corporation	114.88
491	Allied Electronics Corporation	27.05
492	Alberta Society of Petroleum Geologists	7.50
493	Alox	64.80
494	American Alumni Council	50.00
495	American Council on Education	227.25
496	American Geographical Society	9.50
497	American Institute of Aeronautics & Astronautics, Inc.	40.00
498	American Instrument Co., Inc.	36.00
499	American Linen Supply Co.	15.00
500	American Oil Co. (Standard Oil Co.)	136.41
501	American Optical Company	70.50
502	American School Supply Co.	13.20
503	American Society of Civil Engineers	7.50
504	G. G. Angelo & Son	24.55
505	Armco Steel Corporation -- National Supply Division	447.14
506	The Asian Student	2.00
507	Athletic Repair Service, Inc.	144.62
508	Geraldine D. Bariani	70.25
509	Bausch & Lomb, Incorporated	7.45
510	W. A. Benjamin, Inc.	8.05
511	"Stu" Beresford, Inc.	247.71
512	Alfred M. Best Company	4.00
513	R. R. Bowker Company	12.60
514	D. Bradford Barton Ltd.	14.98
515	H. Dean Burdick	13.76
516	William V. Burger	59.20
517	Burrolle's Press Clipping Bureau	221.55
518	California Oil World	2.50
519	Carpenter Paper Company	1,102.40
520	Centennial School Supply Company	76.20
521	Central Electric Supply Company	23.02
522	Central Scientific Company	143.94
523	Chicago Apparatus Company (Missouri)	3,409.65
524	Leroy M.E. Clausing	3.16
525	Clear Creek Supply Company	6.75
526	College Sports Information Directors of America	5.00
527	The Colonial Studio	293.50
528	The Colorado Badge & Novelty Co.	109.13
529	Colorado Department of Highways	11.25
530	Colorado Freightways, Inc.	179.53
531	Colorado Industrial Supply Company	12.17
532	Colorado Surplus Property Agency	892.75



533	Continental Oil Company	215.50
534	Ben Cook Supply Company	249.00
535	Craig Bit Company Limited	47.50
536	Crossars'	80.56
537	C. A. Crosta, Inc.	1.84
538	The Thos. F. Daly Agency Co.	150.00
539	Denver Bookbinding Company	465.70
540	Denver Machine Shop, Inc.	95.65
541	Denver Oxygen Company	5.80
542	D & F Auto Parts	47.07
543	Earl Dickens	37.76
544	Diesel Power--Diesel Equipment Superintendent	4.00
545	Walter H. Dunke	292.70
546	Billy P. Duncan	128.00
547	Duplicator Supply Company	9.75
548	Duvall-Davison Lumber Company	73.69
549	Fred D. Easley	5.44
550	Eastman Kodak Stores, Inc.	6.76
551	Educational Testing Service	20.45
552	Bill Eger's Chrysler-Plymouth, Inc.	86.30
553	Elk Coal Company	197.10
554	Eutectic Welding Alloys Company-- Pacific Division, Inc.	21.33
555	Federal Envelope Company	65.30
556	Flint Ink Corporation	46.32
557	Fordham Equipment Company	40.70
558	Foss Company	199.61
559	M. L. Foss, Inc.	337.52
560	The Foster Auto Supply Company	34.95
561	Gambles	2.45
562	Gaylord Bros., Inc.	10.75
563	Edwin J. Geary	12.64
564	Gen Reproduction Supply Company	33.60
565	General Binding Corporation & Subsidiaries	39.17
566	Genuine Parts Company	10.37
567	Golden Laundry-Hat	4.20
568	The Golden Transcript	2.50
569	Goldendale Dairies, Inc.	25.50
570	Robert L. Greenwald	15.12
571	Niles E. Grosvenor	316.50
572	Mike Hamilton	15.00
573	A. E. Heinsola Printing Machinery & Supply Company	48.07
574	Hendrie & Belthoff Company	141.50
575	Herbach & Rademan, Inc.	75.56
576	Paul G. Harold	263.00
577	Hertz Corporation	456.11
578	Howard Husher Carpets	72.00
579	Robert M. Hutchinson	46.72
580	The Institute of Electrical & Electronics Engineers	7.50
581	The Institute of Metals	21.15
582	International Business Machines Corp. 1,	102.65
583	Interstate Radio & Supply Co., Inc.	98.00
584	Istituto Geofisico Italiano	44.00
585	T. C. Jarrett Company	11.80
586	The John Greer Library	60.00

## SPECIAL APPROPRIATION

## SUPPLY VOUCHERS - 1-7413-42

587	Johnson Publishing Company	4,849.54
588	Journal of the History of Ideas	6.00
589	Journal of Mathematics & Physics	8.00
590	Kaiser Refractories	13.64
591	Keuffel & Esser Company	64.44
592	Kistler's	14.20
593	Klondex Incorporated	45.30
594	Knoebel Mercantile Company	67.60
595	Kohler McLister Paint Company	331.41
596	G. A. Kohlhaas	297.00
597	Edward W. Lange	11.44
598	LaFinc Scientific Company	93.59
599	Leeds & Northrup Company	37.50
600	E. Leitz, Inc.	24.50
601	George W. LeMaire	113.50
602	The Frank Lenon Company	145.50
603	Library of Congress--Card Division	40.24
604	Life Nature Library	4.30
605	Lloyd's School & Office Supply	49.36
606	V. Allan Long	26.04
607	McCoy & Jensen	320.00
608	Marshall Nurseries	8.00
609	H. S. Martin & Son	42.15
610	Massachusetts Institute of Technology	3.75
611	Walter Mattson	8.80
612	H. R. Meisinger Company	28.75
613	Metal Age	14.05
614	Metal Goods Corporation	11.50
615	Meyer Hardware & Sporting Goods	21.02
616	Micro-Circuits Company	41.24
617	Mining & Industrial Review	6.30
618	Mine & Smelter Supply Company	162.69
619	Montgomery Ward & Company	14.01
620	Moore Business Forms, Inc.	14.76
621	Mountain States Telephone	2,094.76
622	Mutual Furniture & Fixture Company	306.32
623	Munksgaard	27.00
624	National Ass'n of Geology Teachers	3.50
625	National Academy of Sciences	1.50
626	National Council of Teachers of English	2.00
627	National Mine Service Company	37.50
628	National Petroleum Council	3.20
629	National Planning Association	1.69
630	Newark-Denver Electronic Supply Corporation	26.17
631	Northern Miner Press Limited	4.00
632	O'Meara Ford Company	34.62
633	Milton F. O'Neil	6.24
634	Oxford University Press, Inc.	2.58
635	Packaging Corporation of America	50.64
636	Pergamon Press Ltd.	825.00
637	The Philosophical Review	6.00
638	John W. Pickthall	11.04
639	Pit & Quarry Publications	3.00

October 14, 1963

## SPECIAL APPROPRIATION

## SUPPLY VOUCHERS - 1-7413-42

640	Pitney-Bowes, Inc.	39.00
641	Plasticrafts, Inc.	4.57
642	Powder Metallurgy	3.25
643	The Prophet Company	8.90
644	Public Service Company of Colorado	2,370.00
645	Ransom Safe Company	12.80
646	Regal Plastic Supply Company	324.36
647	C.S.M. Revolving Fund	388.72
648	Revue de Micropaleontologie	10.20
649	John Rinehart	24.00
650	Rinehart Oil News Company	30.00
651	Ryall Electric Supply Company	129.72
652	Sachs-Lawlor	109.01
653	Schloss & Shubart, Inc.	131.85
654	Scholarly Books (Richard Abel & Co.)	102.95
655	Scientific American	6.00
656	Societe de L'Industrie Minerale	16.32
657	Societe de Productions Documentaires	11.82
658	Society of Petroleum Engineers of AIME	4.50
659	Sondie & Bronelle, Inc.	31.89
660	Sherman W. Spear	9.12
661	Special Libraries Association	12.75
662	Standard & Poor's Corporation	84.00
663	State Purchasing Agent-Revolving Fund No. 2101	10.40
664	Stechert-Hafner, Inc.	232.80
665	Gurnett Steinhauer	14.56
666	Vincent M. Stolpa	13.44
667	Suburban Press	4.00
668	Technical Equipment Corporation	91.55
669	Texaco, Inc.	74.01
670	Thermo-Fax Sales Incorporated	133.96
671	Thomas A. Edison Industries	430.00
672	Transport Clearings of Colorado, Inc.	101.40
673	Tree Electric Service, Inc.	89.04
674	Union Supply Company	46.05
675	United Air Lines	190.20
676	United Nations, Sales Section	7.50
677	United States Welding	72.97
678	United Tool & Material Company	72.34
679	University Hill Travel Center	138.45
680	Uranium Corner, Inc.	40.00
681	Van Waters & Rogers, Inc.	217.45
682	VariTypex Corporation	10.03
683	Vivian, Sherman, Kinney, Sterling and Keating	50.00
684	WAGO Electronics, Inc.	53.68
685	Waddle Engraving & Manufacturing Co.	24.15
686	L. B. Welker Radio Company	15.79
687	Wall Street Journal	24.00
688	Ward Terry & Company	5.80
689	Jack Weinstein	2.10
690	Lew Wenzel & Company of Colorado	14.20
691	West Chemical Products, Inc.	290.35

**SPECIAL APPROPRIATION**

**SUPPLY VOUCHERS - 1-7413-42**

692	John Wiley & Sons, Inc.	62.80
693	C. G. Wilhelm Company	500.00
<b>TOTAL SUPPLY VOUCHERS - 1-7413-42</b>		<b>33,943.23</b>

**SPECIAL APPROPRIATION**

**CAPITAL OUTLAY VOUCHERS - 1-7413-31**

694	Baroid Division-National Lead Co.	1,366.50
695	The Kaling Corporation	2,225.20
696	T. C. Jarret Company	121.54
697	LaPine Scientific Company	910.00
698	Leeds & Northrup Company	260.00
699	Rosen-Novak Motor Company	2,391.55
700	Technical Equipment Corporation	150.00
701	Tektronix, Inc.	471.35
702	Van Waters & Rogers, Inc.	97.00
703	Weston Instruments	141.31
<b>TOTAL CAPITAL OUTLAY VOUCHERS - 1-7413-31</b>		<b>8,134.45</b>

**SPECIAL APPROPRIATION**

**EXPERIMENTAL PLANT - 1-7413-52**

704	C.S.M. Research Foundation, Inc.	1,494.43
<b>TOTAL EXPERIMENTAL PLANT VOUCHERS - 1-7413</b>		<b>1,494.43</b>

**BROOKSFIELD LIGHTING - 8-9209-53**

7	Swanson-Rink & Associates	1,215.00
<b>TOTAL BROOKSFIELD LIGHTING - 8-9209-53</b>		<b>1,215.00</b>

**MILL LEVY BUILDING FUND - 9-9700**

55	Denver United States National Bank	31,739.54
<b>TOTAL MILL LEVY BUILDING FUND - 9-9700</b>		<b>31,739.54</b>



Previous Minutes. It was requested that the following change be made in the first paragraph of Page 19 of the September 12, 1963 minutes: "The members of the Board expressed unanimous belief that if a change was to be made, it should be made relatively soon and the change should be one which would broaden the public acceptance and understanding of the School. It was recognized, however, that no change could be made before legislative action in two years but the process of name consideration should begin immediately."

The minutes were approved as corrected.

Election of Officers. Upon motion made, seconded, and unanimously carried, Joseph Coors was elected Secretary of the Board to replace Mr. Dave Johnston.

Upon motion made, seconded, and unanimously passed, Mr. Edwin J. Eisenach was elected Assistant Secretary.

Distinguished Achievement Medalists. The method of selection of Distinguished Achievement Medalists was discussed briefly. It was reported that the committee of emeriti faculty appointed by the Board last year had made a report with seventeen new names after the 1963 selection had been made. These are being added to the master list of candidates recommended.

Dr. Parker appointed Mr. Eisenach to serve on the Board committee for the 1964 selection, together with Mr. Fenwick, with Mr. Stockmar as chairman. The Board authorized this committee to add to its membership and otherwise work out the details of best handling this assignment.

Dave C. Johnston. With sincere respect and affection the Board of Trustees unanimously adopted the following:

Dave C. Johnston, who passed away on August 30, 1963, has long and faithfully served the Colorado School of Mines, the community of Golden, and the State of Colorado, and most recently was a valued member of the Board of Trustees of the Colorado School of Mines. His unselfish dedication and loyalty to his principles, to his friends and neighbors, and to the Colorado School of Mines particularly, are reflected in many permanent contributions to the advancement and improvement of his community and of the Colorado School of Mines. For these contributions and for his thoughtful and kindly counsel, those affected should be and are grateful. His passing is marked with regret and sorrow.

Graduate Faculty. President Childs presented Dean Jordan's recommendations for the graduate faculty membership.

The members of the Board expressed their feeling that anyone appointed to the graduate faculty should have a number of years of academic experience. They also thought the list of graduate faculty should be kept selective to add distinction to graduate faculty status. It was thought that if careful scrutiny is given to new appointments, attrition would take care of building maximum distinction into the roster of graduate faculty.

President Childs stated that with these expressions of opinion, he would again discuss the matter with Dean Jordan and bring the list of membership back to the Board in November.

Honorary Degrees. President Childs reviewed for the Board the request he had received from the Chief of Protocol, Department of State, for an honorary degree for Bolivian President Victor Paz Estenssoro. President Childs stated that despite the fact that the State Department had withdrawn the original request, more information was needed on the policy of the Board on giving honorary degrees.

The members of the Board stated the policy has been established that ordinarily an honorary degree is not given except to Commencement speakers or to someone making a similar contribution to the Colorado School of Mines. Honorary degrees are not generally given under other circumstances, but there could be some exception.

It was unanimously agreed that President Paz did not qualify for an honorary degree at the Colorado School of Mines.

Well Sample Library. Dr. Parker reviewed for the information of Mr. Eisenach the situation with regard to the well sample library. He told of the committee who had been appointed to study the problem but no report had yet been received.

President Childs suggested that if the Colorado Geological Survey could be reactivated, there would be use for these samples, or if we could cover some area of the clay pits to acquire a raw storage area, they could be placed in that area.

President Childs asked if the item could be dropped from the agenda if he kept the Board informed of progress in one of these directions. This was agreeable with the Board, but it was agreed by all that the samples should not be destroyed.

Nathaniel P. Hill Hall Dedication. President Childs presented for Board consideration a suggested layout for a bronze plaque to be placed inside the building. He reported that plans were being made to have the name placed on both the west and south entrances to the building. The cost was estimated to be \$1,500. The Board approved these plans with several suggestions which were noted by President Childs.

In considering the date of the dedication, President Childs read to the Board a letter received from Senator Gordon Allott with regard to his schedule. The Board thought the period between Christmas and New Year's would probably be a good time for the dedication and instructed President Childs to write to Senator Allott to this effect, telling him that we are anxious to adjust our dedication to his convenience.

The Board also requested President Childs to write to the grandson of Mr. Hill after the date had been selected.

In response to President Childs' request for guidance, the Board suggested the following persons for the invitational



list: Senator Oakley Wade, the representatives from Jefferson, Gilpin, and Clear Creek Counties; the mayor of Blackhawk, Price Briscoe, members of the Planning Division, the Governor or his representative, and such other as deemed appropriate.

Commencement Speaker. President Childs presented for consideration two recommendations received for the Commencement speaker: Mr. Stuart Cort, President, Bethlehem Steel Corporation; and Mr. Patrick H. O'Neill, Executive Vice President, South American Gold and Platinum Company. The Board thought either man would make an excellent speaker. President Childs reported that he had also been considering Mr. Morgan Davis, Chairman of the Board, Humble Oil Company.

The Board expressed the opinion that for this first year particularly Dr. Childs should make the selection of the Commencement speaker.

New Faculty Contracts. Upon President Childs' review of qualifications and positions to be filled, the Board approved the following appointments to the faculty:

Robert W. Stallman	\$750
Special Lecturer in Geology (first semester)	

Maurice Majer	\$8,300
Assistant Professor of Geophysics (beginning November 1, 1963)	

The Board expressed approval of the emphasis on ground water and the closer ties with the USGS represented by the part-time appointment of Mr. Stallman.

Faculty Member - Health Committee. Because the student health plan specified that the faculty committee members be approved by the Board, President Childs presented his recommendation that Professor Harold Bloos be appointed as the new member. The Board unanimously approved this recommendation.

Course Inventory. President Childs reported that he had met with the department heads and the Curriculum Committee and had passed on to these groups the Board's wishes with regard to the format of the course inventories. As a result he had received a sample from Chemistry and from Metallurgy. These were examined by the members of the Board. The consensus was that the format used by the Metallurgy Department was much too brief for the desired purpose. The sample submitted by the Chemistry Department was fairly adequate but needed the addition of a subsection dealing with the way in which these courses are correlated with courses in other departments.

President Childs suggested that statements aimed at this correlation be incorporated in "Objectives" of course description. He thanked the members of the Board for their opinions and stated that the program would proceed toward the construction of a Handbook of Instructions, including all courses.

Drop-outs. Upon inquiry as to progress being made on retention of students, President Childs stated he had started discussions among department heads on grading system. He had also asked the department heads to look closely at failures both as to course requirement and student achievement. He felt everything must be done to find the true causes of the high percentage of drop-outs.

Along the same vein, the members of the Board expressed the thought that care must be taken in the admissions requirements since it would not be fair to admit people who did not have a good chance to be able to do the work and stay.

President Childs expressed his belief that career counseling was badly needed at the sophomore and senior levels.

Budget Hearing. President Childs reported to the Board that our hearing before the Joint Budget Committee had been scheduled for November 1, 1:00 p.m., on the campus. He asked that any Board member who could attend. The Board was of the opinion that this opportunity should be used to determine the views and ideas of the Budget Committee regarding the place of CSM in Colorado collegiate education.

Name of School. President Childs presented to the Board several different drawings of the spherical triangle using the name of "Colorado Mineral Engineering University." He stated he intended to prepare an article for publication in the Mines Magazine on the proposed name change with the idea that this article would be a target, explaining the use of the word "university," the avoidance of such terms as "technology," "institute," etc., stressing that we are a school of mineral engineering and intend to retain this distinctive characteristic. Consideration of name change would also be presented to the faculty.

Campus Plan. President Childs reported that on October 28 the school administrative officials have an appointment to go before Mr. Williams of the Planning Division to discuss the long-range campus plan. He said he felt it was very important to have a plan on file so that when property becomes available the Planning Division will have our future intentions on record. He asked for suggestions and/or approval so that the campus plan could be filed with the Planning Division. The Board approved the plan as presented, taking into consideration that the plan would necessarily be supplanted from time to time.

Security Clearance. President Childs reported a visit he had with an Air Force Security Officer in regard to security clearance. According to the security regulations, the members of the Board should have security clearance unless they were willing to waive their prerogative of general control of policies and performance of contracts and work done by school personnel. It was the general consensus that clearance should be obtained for those members of the Board who do not have clearance.

CSM Research Foundation. There was a general discussion of the need to coordinate research. Dr. Childs stated he would



like to have Dean Jordan appointed to membership on the Board of the CSM Research Foundation as a faculty representative. Dr. Parker asked that he be replaced on the Board as soon as practicable.

The meeting recessed for lunch. The Board reconvened following lunch. Mr. Steinhauer entered the meeting.

Interior Decorating - President's Office. President Childs reviewed for the Board inquiries he had made into redecorating the office. The Board suggested that President Childs may wish to defer or stagger such redecorating.

Monthly Reports. Mr. Steinhauer reviewed the monthly reports as follows: Summary of Budget Appropriation & Disbursements, as of September 30, 1963; Balance Sheet, September 30, 1963; Mill Levy Building Fund, as of September 30, 1963; Experimental Plant, Summary of Budget Appropriation & Disbursements, as of September 30, 1963; College Union Fund, Summary of Budget Appropriation and Disbursements, as of September 30, 1963; Statement of Income & Expense, C.S.M. Dormitory System Revenue Fund, as of September 20, 1963; Statement of Income & Expense, C.S.M. Self-Maintained Properties, as of September 20, 1963; Budget Period, 1962-63 Health and Accident Plan, Associated Students of the Colorado School of Mines, Inc., as of September 30, 1963; and the Athletic Association, Summary of Budget Appropriation and Disbursements, as of September 20, 1963. Copies of the semi-annual report on student loans were also distributed.

Interior Decorating - College Union. Mr. Steinhauer reviewed recent protests he had received from Mr. James Sudler because Mr. Sudler had not received the contract for the interior decorating of the college union.

Housing for Women Students. President Childs stated that a problem existed in providing suitable housing for women students. He stated three possible solutions, i.e. use of the Dean's house on campus at the retirement of Dean Burger next summer; the purchase of a fraternity house; the modification of units of the married student housing.

It was the consensus that using the Dean's house, with supervision provided, was probably the best solution at this time for a trial period. Units in the married student housing project, without modification, could provide some housing if necessary.

Tax Status of Fraternities. Mr. Steinhauer reviewed for the Board recent steps taken. Mr. Gary Hudiburgh was preparing applications for CSM, CSM Foundation, the Golden Kappa Sigma Association, and the Crucible Fraternal Association to protest the tax assessments.

Associate Dean of Students. President Childs reported that effective October 16, 1963, Ralph C. Jensen was assuming duties as Associate Dean of Students. The Board expressed approval of this change in position.

Coolbaugh House - 1700 Maple. Mr. Steinhauer reported that he had been visited by Mrs. Franklin Coolbaugh who was

interested in selling the house at 1700 Maple to the School. The house had been appraised in 1959 for \$39,650.

It was the desire of the Board to accept the offer of the Coolbaughs, dependent upon action of the legislature on our request for funds for land acquisition. Should sufficient funds be appropriated, we would offer to enter into a purchase and sale agreement either on a cash basis or with a substantial down payment and interest-free monthly payments extended over a period of time. If no further funds are appropriated, the Board felt that the School would be unable to make any arrangements for purchase of the property at this time. Prior to any purchase and sale agreement the Board felt an up-to-date appraisal should be made.

Request from Estate of Elizabeth W. Young. Mr. Steinhauer reported on a letter received from attorneys handling the estate of Elizabeth W. Young. The attorneys asked that the School authorize an official to sign a document approving a codicil signed by Mrs. Young less than thirty days prior to her death.

This document provided that the residuary legatees of which the School is one of four approve the codicil signed by Mrs. Young bequeathing \$5,000 to the Pennsylvania Federation of Music Clubs instead of the amount of \$2,000 which appeared in the original will. Under Pennsylvania law, a codicil to a will signed less than thirty days prior to the death of the principal is illegal unless approved by all of the other legatees.

The Board instructed Mr. Steinhauer to ask the Attorney General whether or not we can sign the document approving the codicil.

Possible Gift from Mrs. Aaron Holland. Mr. Stockmar reported on a visit he had with Mrs. Holland in which Mrs. Holland stated she wished to donate to the School for display purposes her collection of jewelry and gold coins. The Board agreed that we could use display materials and discussed possible ways of displaying such collections.

The meeting adjourned at 4:15 p.m.

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Secretary

Golden, Colorado  
November 11, 1963

The Board of Trustees met in special session on November 11, 1963, at 8:30 a.m., in the President's Office of the Colorado School of Mines.

Present: Messrs. Parker, Stockmar, and Eisenach

Absent: Messrs. Coers and Fenwick

Dr. Parker, President of the Board, presided.

President Childs attended the meeting.

Bills against the SPECIAL APPROPRIATION were examined and allowed as set forth on the following pages, Nos. 2 through 15, inclusive.

November 11, 1963

## SPECIAL APPROPRIATION

## FACULTY PAYROLL - Voucher #705

1112	Allen, Jimmie L.	452.17
1113	Babcock, Henry A.	556.91
1114	Boer, Charles R.	530.06
1115	Barioni, Geraldine D.	403.55
1116	Barber, Martin S.	577.13
1117	Barton, Richard J.	514.49
1118	Bartunek, Paul F.	619.18
1119	Bator, George T.	495.65
1120	Bauman, Victor W.	431.42
1121	Bass, Daniel M., Jr.	926.51
1122	Bisque, Ramon E.	512.81
1123	Bloom, Harold	452.74
1124	Brennecke, Fritz S.	764.32
1125	Burdick, H. Dean	674.75
1126	Burger, William V.	660.38
1127	Campbell, Frank R.	567.98
1128	Carpenter, Frederick	588.60
1129	Carpenter, Robert H.	687.15
1130	Chapitis, William J.	505.18
1131	Childs, Orlo E.	1,264.77
1132	Christensen, William	398.80
1133	Cieslewicz, W. John	144.79
1134	Coke, John M.	659.30
1135	Compton, W. D.	556.17
1136	Courey, Bernette	395.72
1137	Cook, George S.	408.88
1138	Crick, Nelson D.	400.32
1139	Darden, James	536.02
1140	Darnell, Byron	320.42
1141	Davis, Joseph E.	563.38
1142	Dickson, Philip F.	525.64
1143	Dickerhoof, Dean W.	474.67
1144	Dunke, Walter H.	787.47
1145	Eng, Henry K.	459.79
1146	Epis, Rudy C.	502.74
1147	Farrell, Edward F.	453.12
1148	Finney, Joseph J.	487.83
1149	Fisher, Edward G.	567.36
1150	Fletcher, David E.	510.64
1151	Fletcher, Hilbert E.	477.50
1152	Fox, Leland S.	439.64
1153	Fritts, Paul J.	444.16
1154	Frost, Hildroth, Jr.	546.92
1155	Frush, Charles O.	498.43
1156	Fuerstenau, Maurice C.	534.92
1157	Fuller, Martin E., II	498.17
1158	Gary, James H.	913.92
1159	George, John M.	430.88
1160	Gore, Jack H.	493.31
1161	Greenwald, Robert L.	674.75
1162	Grosvener, Niles E.	524.04
1163	Gutsmann, Raymond R.	415.42
1164	Hadsell, Frank A.	567.33
1165	Hancock, John W.	479.87
1166	Hartkemeier, L. W.	579.08