

ALASKA LEGISLATURE SPECIAL COMMITTEE/SUBJECT FILES 8672

2710 SCOMM 122: COMMISSION ON PRIVATIZATION. ., 1999

Department of Transportation and Public Facilities (DOT&PF)

Maintenance and Operations

Highways and Aviation

Impact of FY00 Budget Reductions

Central Region

Deactivate North Kenai Maintenance Station (Responsibility for station work will be transferred to Soldotna Maintenance Station; 2 equipment operators transferred to Soldotna Station; 2 equipment operators laid off; turn in one grader and one truck; remainder of equipment transferred to Soldotna Station.)	- \$220.0
Deactivate Moose Pass Maintenance Station (Responsibility for station work will be transferred to Cooper Landing Maintenance Station; 4 equipment operators would be transferred to Cooper Landing Station; one equipment operator would be laid off; turn in one grader; remainder of equipment transferred to Cooper Landing Station.)	- \$81.0
Deactivate Kalsin Bay (Kodiak Island) Maintenance Station (Responsibility for station work will be transferred to Kodiak Maintenance Station; one equipment operator would be transferred to Kodiak Maintenance Station; one equipment operator would be laid off. One grader will be turned in with the remainder of the equipment transferring to Kodiak).	- \$99.0
Reduce two full-time equipment operator positions in Palmer Maintenance Station to season status.	- \$74.0
Limit Anchorage Snow Haul to \$600,000/year (Snow hauling in Anchorage varies from \$500,000 to \$1,000,000 per year dependent on the amount of snow. The average is \$750,000 per year. Enforce a firm cap of \$600,000.)	- \$150.0
Remove dumpsters at Turnagain Pass. Forest Service has requested they be removed.	- \$17.0
Delete Anchorage Station crew foreman position (Position is now being used for vacancy factor; another vacant position in station will be used for vacancy factor.)	- \$65.0
Eliminate Mat-Su Borough Calcium Chloride Program	- \$34.0

(50 tons Palmer Station, 12 tons Willow Station; Local roads such as Clark-Wolverine, Buffalo Mine, Palmer Fishhook, Hayfield, Davis and Crystal Lake Roads will not be treated.)

Transfer Highway Striping to Federal Capital Budget - \$65.0

Subtotal Central Region - \$805.0

Northern Region

Deactivate Trims Maintenance Station - \$180.0

(Responsibility for station work will be transferred to Paxson and Delta Junction Maintenance Stations; one equipment operator would be transferred to Paxson and one to Delta Junction. One equipment operator would be laid off. A grader, truck, and loader would be turned in. Remainder of equipment divided between Paxson and Delta Junction Stations.)

Deactivate Birch Lake Maintenance Station - \$170.0

(Responsibility for station work will be transferred to Fairbanks and Delta Junction Maintenance Stations; one equipment operator would be transferred to Fairbanks Station and one to Delta Junction Station. One equipment operator would be laid off. A grader, truck, and loader would be turned in. Remainder of equipment divided between Fairbanks and Delta Junction Stations.)

Allow snow to melt on Northern Highways - \$316.0
(Highways effected include - Taylor Highway 0-160; Boundary Spur; Denali Highway 0-129; Fairbanks Creek Road 0-8.3; Eureka Road 0-2; Tofty Road 0-15; US Creek 0-7; Copper River Highway 17-49; McCarthy Road 15-60; Nome/Council, Teller, and Kougarak Highways.) The Legislature provided authority to collect up to \$150.0 (GF/PR) from non-state sources to minimize impact of these cuts.

Eliminate dedicated phone circuits - \$84.0

Delete Transportation Maintenance Supervisor's Position in Deadhorse - \$100.0

Transfer Highway Striping to Federal Capital Budget	- \$60.0
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Subtotal Northern Region	- \$910.0
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Southeast Region

Transfer Highway Striping to Federal Capital Budget	- \$50.0
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Winter Maintenance Reduce services in Kake and Angoon (contract)	- \$15.0
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Delete one equipment operator at Ketchikan Maintenance Station	- \$41.0
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Reduce winter seasonal airport positions from 6 months to 4 months in Gustavus and Hoonah (start in December)	- 20.0
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Reduce winter maintenance in Hyder (contract with community)	- \$35.0
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Delay replacing facilities Groundskeeper Position in Juneau	- \$15.0
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Reduce winter sand purchase for Klondike Highway	- \$7.0
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Reduce Harbor Maintenance in Southeast Alaska	- \$15.0
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Turn off 10% of street lights Juneau, Ketchikan, Sitka, Wrangell, Petersburg	- \$17.0
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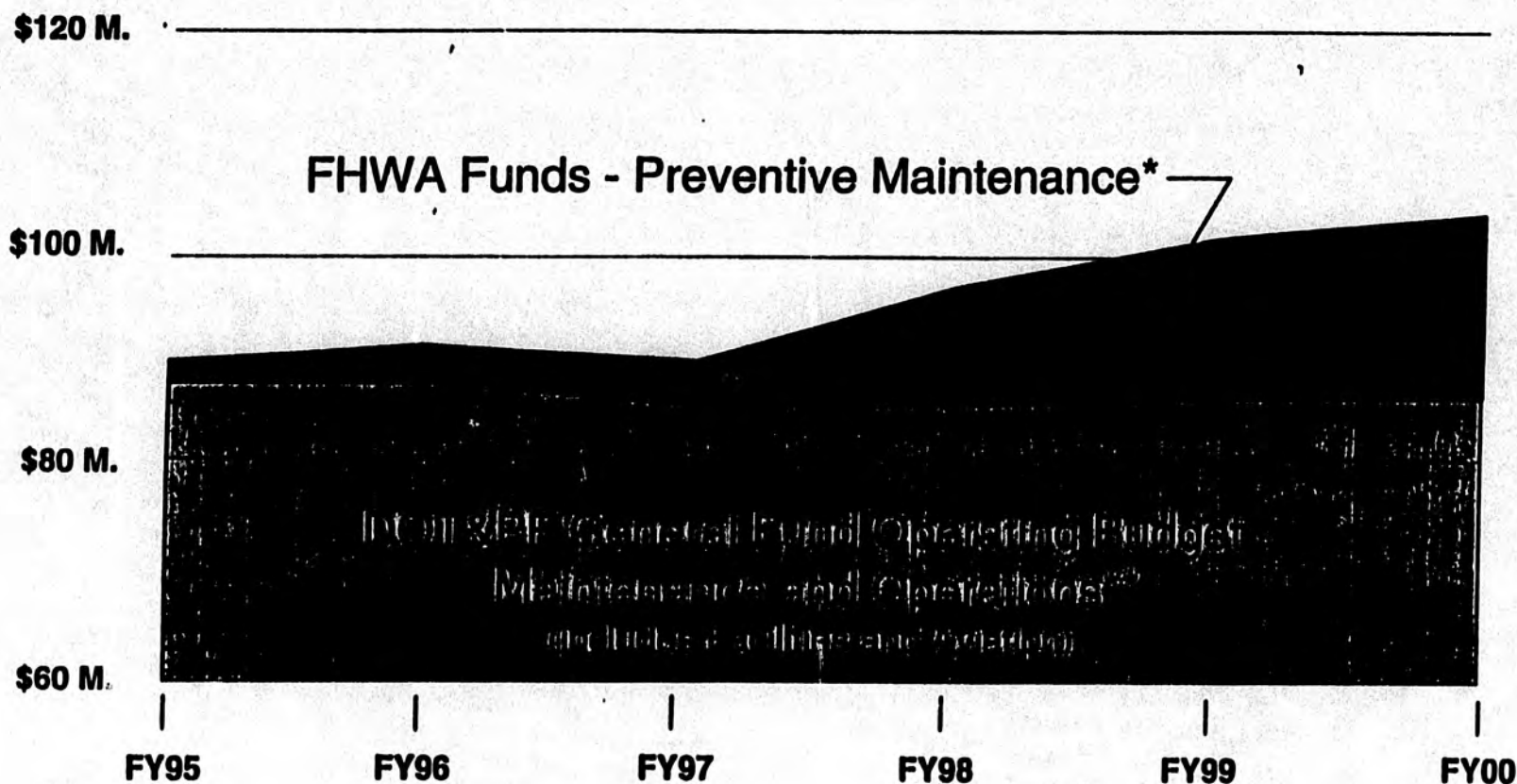
Delay replacing Transportation Maintenance Leader in Juneau	- \$19.0
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Subtotal Southeast Region	- \$234.0
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Operating Budget Items cut by Legislature in Capital Budget

<u>Item</u>	<u>Requested</u>	<u>Approved by Legislature</u>
Airport Deferred Maintenance	\$900.6	\$550.0
Highway Deferred Maintenance	\$1,005.0	\$600.0
Harbors Deferred Maintenance	\$1,000.0	\$600.0
	<u>\$2,905.6</u>	<u>\$1,700.0</u>

Sources and Levels of Maintenance Funding



* Preventive maintenance includes: Chip sealing, pavement markings, crack sealing, bridge repair (summer work).

** These funds are nearly exclusively spent on items ineligible for FHWA preventive maintenance, such as: winter maintenance, lighting and traffic operations, and other ineligible work.

**Department of Transportation and Public Facilities
Maintenance and Operations FY98 Contracted Services**

	Central Region	Northern Region	Southeast Region	Total
Rural Airports operations & maintenance	1,020,137	1,259,409	173,681	2,453,227
Airport Repairs	75,000		0	75,000
Bird Control & wildlife studies	75,000		52,186	127,186
Street Sweeping	410,000		13,315	423,315
Dust Control	-			0
Road Illumination & traffic control	25,000		4,182	29,182
Brush removal	175,000		105,100	280,100
Striping	-		192,861	192,861
Aggregate Processing	-	851,765		851,765
Equipment Rental	35,000	103,800	58,742	197,542
Gravel Haul	9,000			9,000
Communications	-	69,198	3,085	72,283
Maintenance				0
Road	26,600		270,124	296,724
Guardrail	-	117,820		117,820
Waysides	-	14,083		14,083
Floats & harbors	-		270,381	270,381
Buildings (Facilities)	119,000	152,783	511,500	783,283
Janitorial	162,100	270,861	498,600	931,561
Elevator Maintenance	54,200	28,452		82,652
Snow Removal	405,000	19,165		424,165
Lawn Care	9,700			9,700
Engineering and architectural svcs.	-		41,870	41,870
Building Improvements	-	890,514		890,514
Environmental Compliance	-	558,846		558,846
Hazardous Waste (Remediation, UST removal, SPCC plans, etc.)	235,400			235,400
Training	50,000			50,000
Outhouses/ dumpsters	50,000			50,000
Security		49,444		49,444
Cranes & hoist repairs		7,370		7,370
Solid waste removal		6,127		6,127
	2,936,137	4,399,637	2,195,627	9,531,401

**Department of Transportation and Public Facilities
Rural Airport Maintenance Contracts**

Akhiok Airport	\$	2,500
Akiachak Airport	\$	7,000
Akiak Airport	\$	9,000
Alakanuk	\$	8,000
Aleknagik Airport	\$	9,500
Allakaket	\$	19,420
Ambler	\$	30,000
Angoon	\$	21,200
Anvik	\$	16,000
Atka Airport	\$	7,200
Atmaultuak Airport	\$	7,000
Beaver	\$	8,000
Bentles	\$	26,446
Beth Creek	\$	9,000
Brevig Mission	\$	17,500
Buckland	\$	5,500
Chalkyitsik	\$	14,000
Chefornak Airport	\$	5,500
Chenega Bay Airport	\$	27,500
Chevak Airport	\$	9,000
Chicken	\$	9,477
Chignik Airport	\$	11,370
Chignik Lagoon Airport	\$	11,800
Chignik Lake Airport	\$	6,450
Chuathbaluk Airport	\$	9,000
Circle City	\$	11,500
Clarks Point Airport	\$	10,000
Clear	\$	16,850
Crooked Creek Airport	\$	4,800
Deering	\$	20,000
Eek Airport	\$	7,954
Ekwok Airport	\$	9,000
Elim	\$	30,000
Emmonak	\$	21,400
False Pass Airport	\$	8,000
Flat Airport	\$	19,360
Fort Yukon Airport	\$	70,505
Gambell	\$	36,723
Golovin	\$	19,200
Goodnews Bay Airport	\$	13,000
Grayling	\$	14,000
Holy Cross	\$	20,000
Hooper Bay Airport	\$	18,000
Hughes	\$	13,000
Huslia	\$	20,000
Hyder	\$	68,000
Igiugig Airport	\$	11,000
Kake	\$	60,000
Kalskag Airport	\$	8,500
Kaltag	\$	14,000

**Department of Transportation and Public Facilities
Rural Airport Maintenance Contracts**

Karluk Airport	\$	8,400
Kasigluk Airport	\$	4,000
Kiana	\$	32,000
King Cove Airport	\$	18,000
Kipnuk Airport	\$	8,250
Kivalina	\$	20,470
Kobuk Airport	\$	11,000
Kokhanok Bay Airport	\$	11,500
Koliganek Airport	\$	13,500
Kongiganek Airport	\$	7,500
Kotlik	\$	5,692
Koyuk	\$	15,000
Koyukuk Airport	\$	18,000
Kwethluk Airport	\$	9,315
Kwigillingok Airport	\$	12,000
Larsen Bay Airport	\$	8,000
Levelock Airport	\$	6,600
Lime Village Airport	\$	8,000
Little Diomedea Airport	\$	20,000
Manokotak Airport	\$	7,000
Marshall	\$	12,000
Mekoryuk Airport	\$	21,000
Minchumina	\$	15,000
Mt. Village Airport	\$	11,903
Nanwalek	\$	7,500
Napakiak Airport	\$	7,500
Napaskiak Airport	\$	8,000
Nelson Lagoon Airport	\$	6,000
New Stryahok Airport	\$	10,000
Newtok Airport	\$	11,000
Nightmute Airport	\$	8,000
Nikolai Airport	\$	6,500
Noatak	\$	15,600
Nondalton Airport	\$	13,500
Noorvik Airport	\$	40,000
Northway	\$	13,500
Nulato	\$	21,928
Nunapitchuk Airport	\$	4,000
Old Harbor Airport	\$	5,000
Ouzinkie Airport	\$	10,000
Pedro Bay Airport	\$	7,600
Pelican	\$	1,500
Perryville Airport	\$	9,000
Pilot Point Airport	\$	10,000
Pilot Station	\$	10,500
Platinum Airport	\$	15,000
Point Hope Airport	\$	85,000
Port Graham Airport	\$	12,000
Port Heiden Airport	\$	45,000
Port Lions Airport	\$	20,286

**Department of Transportation and Public Facilities
Rural Airport Maintenance Contracts**

Portage Creek Airport	\$	7,000
Quinhagak Airport	\$	8,195
Rampart	\$	25,200
Red Devil Airport	\$	10,500
Ruby	\$	57,111
Russian Mission	\$	12,000
Sand Point Airport	\$	95,000
Savoonga	\$	45,000
Scammon Bay Airport	\$	15,000
Selawik Airport	\$	21,600
Shageluk	\$	14,000
Shaktolik	\$	12,500
Sheldon Point	\$	10,000
Shishmaref	\$	23,725
Shungnak	\$	20,000
Skwentna Airport	\$	14,890
Sleetmute Airport	\$	16,600
South Naknek Airport	\$	6,000
St. George Airport	\$	25,000
St. Michael	\$	21,600
St. Paul Airport	\$	146,667
Stebbins Airport	\$	12,260
Stevens Village	\$	14,400
Stony River Airport	\$	7,000
Takotna Airport	\$	12,400
Tanana	\$	43,500
Tatitlek Airport	\$	34,000
Teller	\$	30,900
Togiak Airport	\$	12,500
Toksook Bay Airport	\$	10,000
Tuluksak Airport	\$	10,000
Tuntutuliak Airport	\$	8,000
Tununak Airport	\$	9,000
Twin Hills Airport	\$	9,500
Ugashik Airport	\$	5,500
Wales	\$	20,000
White Mountain	\$	23,499

TOTAL \$ 2,430,245

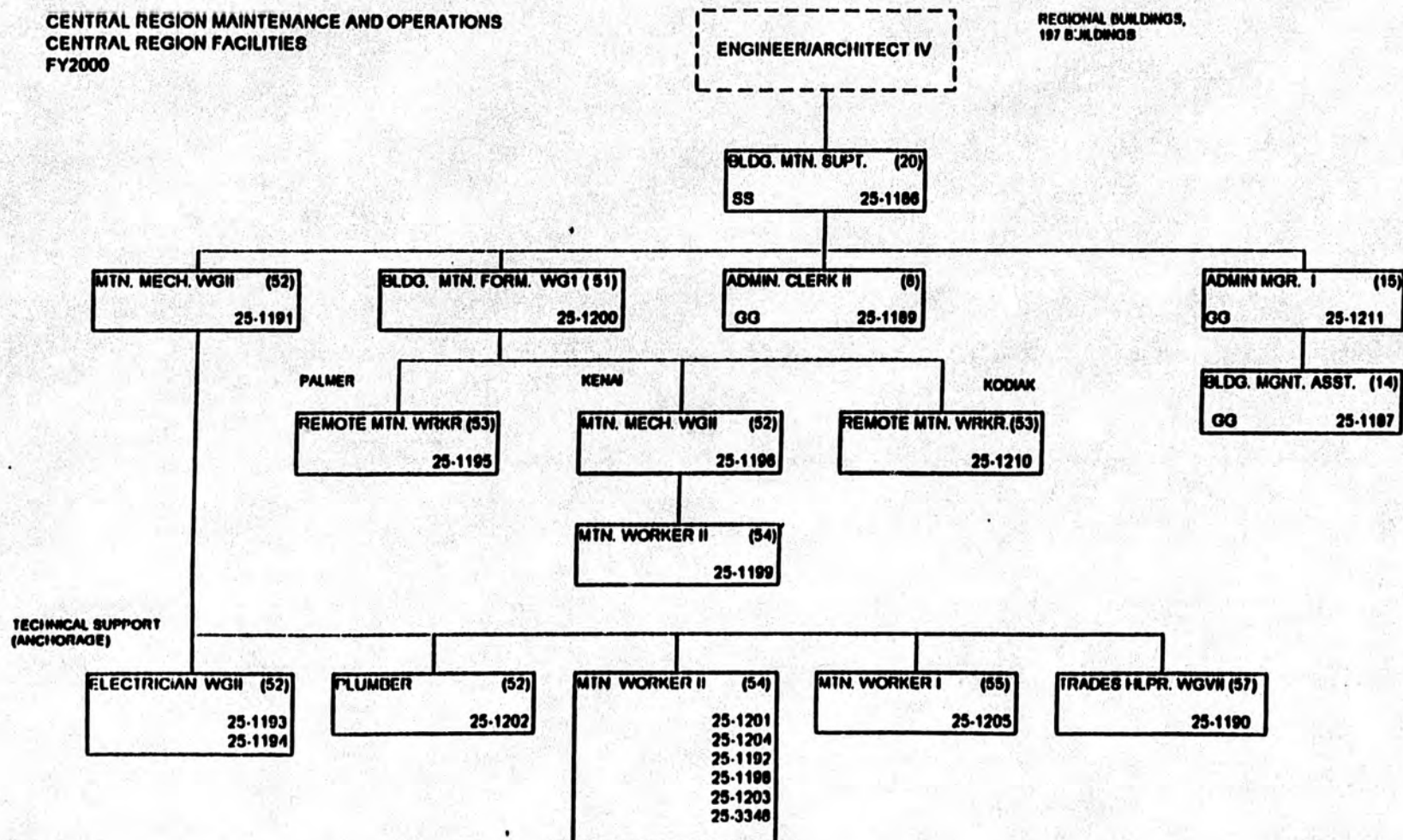
NOTE: Some of these costs were FY98 contract amounts, and some FY99 contract amounts.

Department of Transportation and Public Facilities
Maintenance and Operations - Highways and Aviation Permanent Positions

BRU	Component	Full-time	Part-time
Statewide Facility Maintenance and Operations	Traffic Signal Management	0	
Statewide Facility Maintenance and Operations	Central Leasing & Property Management	9	
Statewide Facility Maintenance and Operations	Northern Leasing & Property Management	8	
Central Region Highways and Aviation	Central Highways and Aviation	157	38
Northern Region Highways and Aviation	Northern Highways and Aviation	218	89
Southeast Region Highways and Aviation	Southeast Highways and Aviation	58	9
Total		450	136

CENTRAL REGION MAINTENANCE AND OPERATIONS
CENTRAL REGION FACILITIES
FY2000

REGIONAL BUILDINGS,
197 BLDINGS



TOTAL POSITIONS 21

FULL TIME POSITIONS 21 SEASONAL POSITIONS 0

Footnotes:
All positions in Anchorage
unless otherwise noted

All positions are LTC

ENGINEER/ARCHITECT IV



TMM H	(20)
SS	25-0992

EA III	(18)
GG	25-086

TMS H	(20)
SS	25-098

ADMIN CLERK III	(10)
GO	25-1036

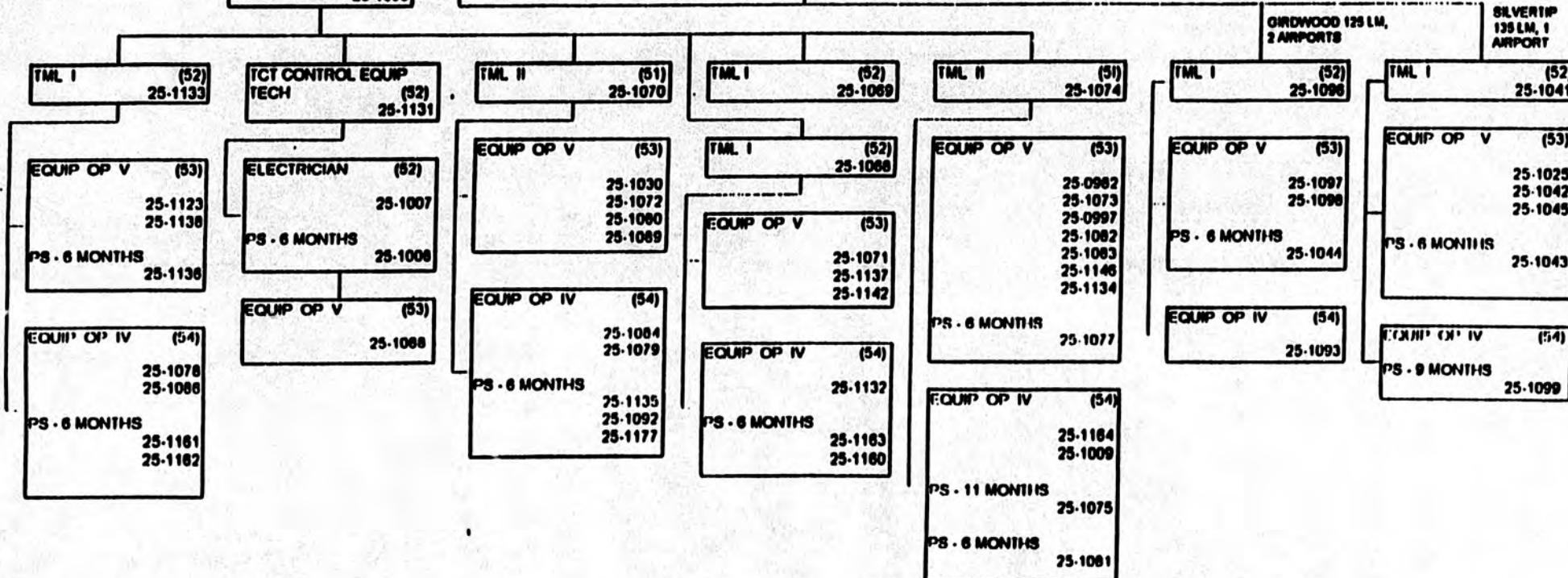
ADMIN CLERK II	(00
GG	25-098

SAFETY & EMERGENCY

SUPPORT SPEC.	(17)
89	25-1182

**ANCHORAGE, 1000LM,
1 AIRPORT**

FML III (50)
25-1090

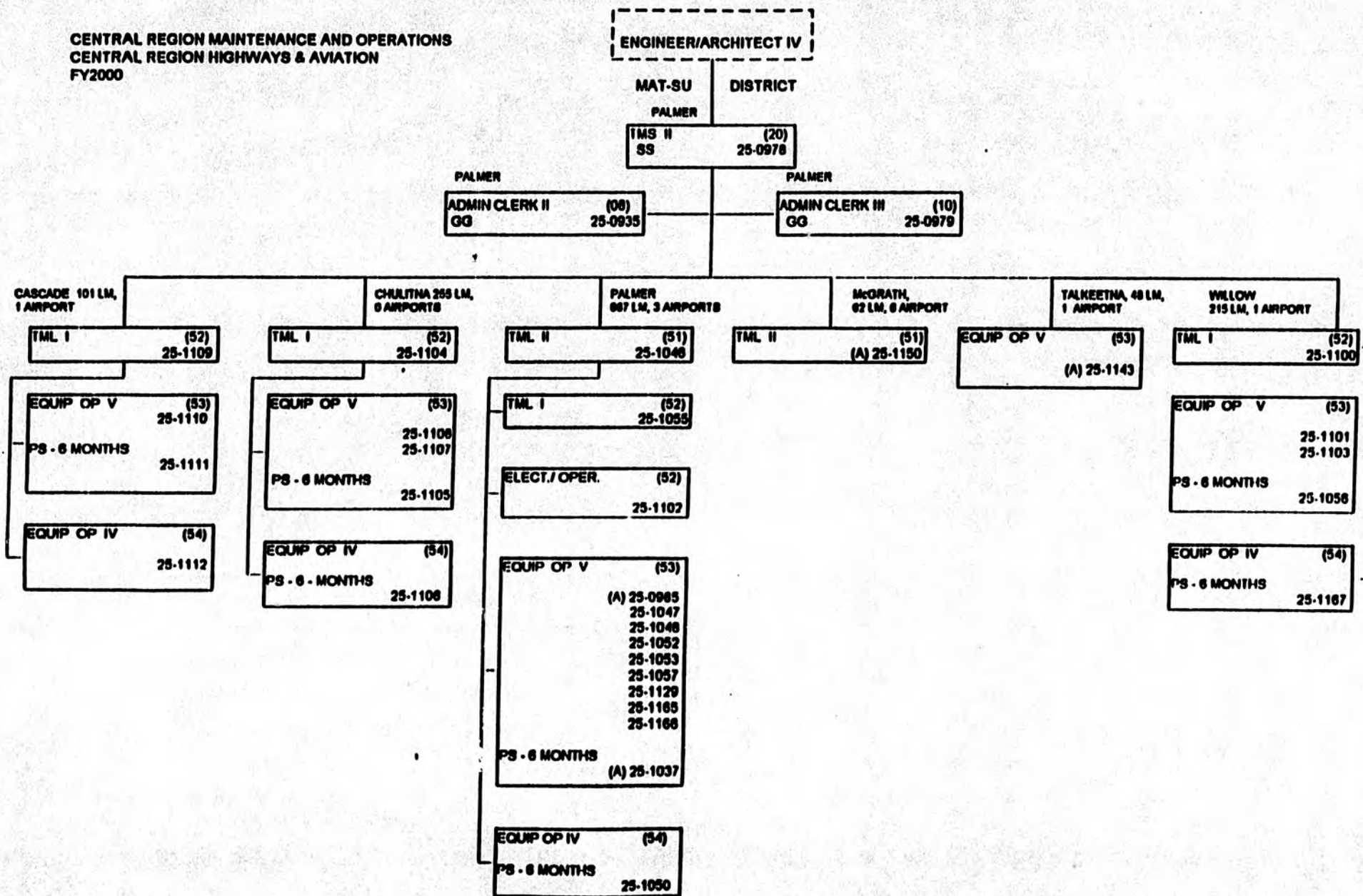


**All positions in Anchorage
unless otherwise noted**

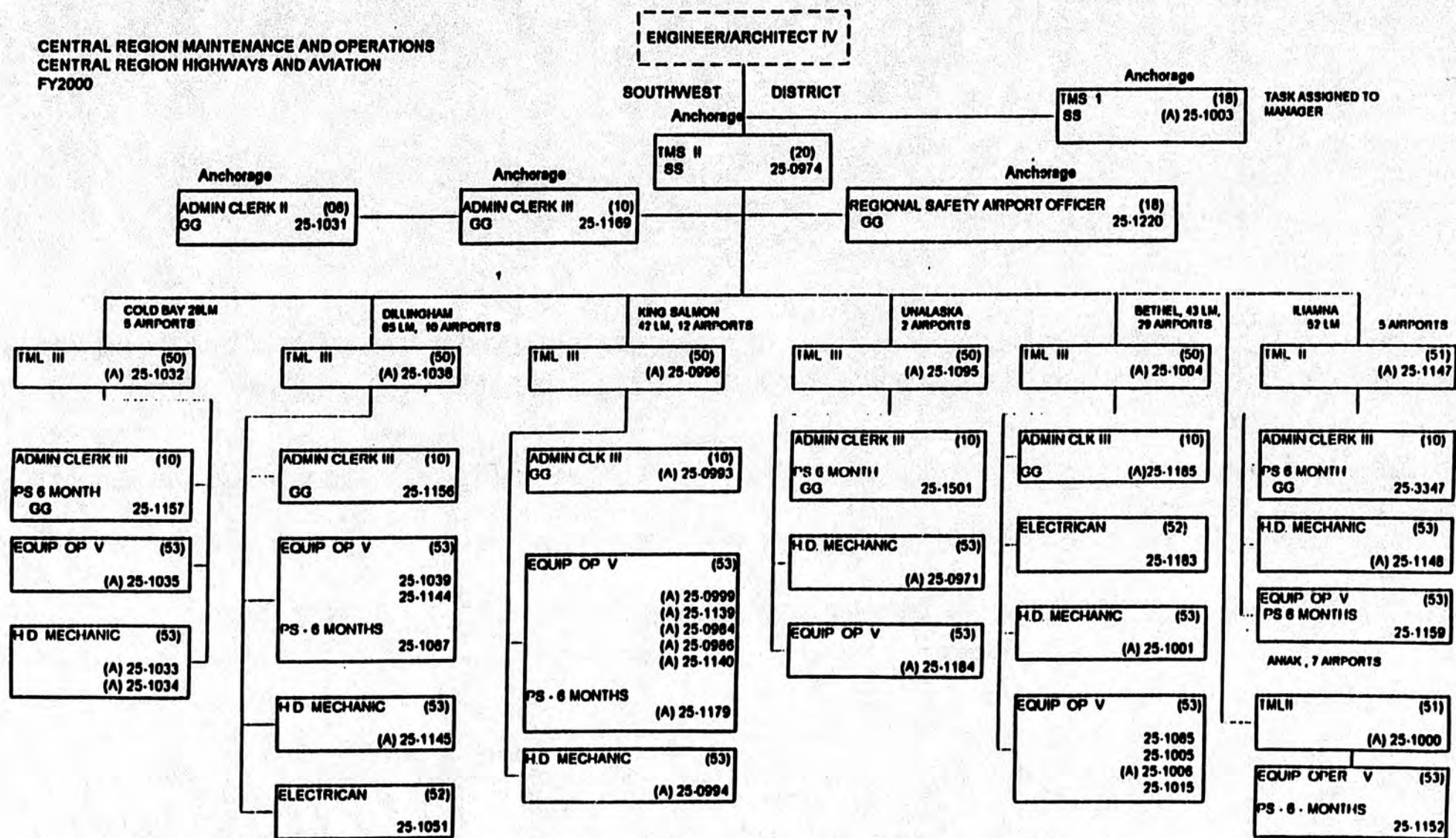
ALL machines are 1 TC

0 1214306

CENTRAL REGION MAINTENANCE AND OPERATIONS
CENTRAL REGION HIGHWAYS & AVIATION
FY2000



**CENTRAL REGION MAINTENANCE AND OPERATIONS
CENTRAL REGION HIGHWAYS AND AVIATION
FY2000**

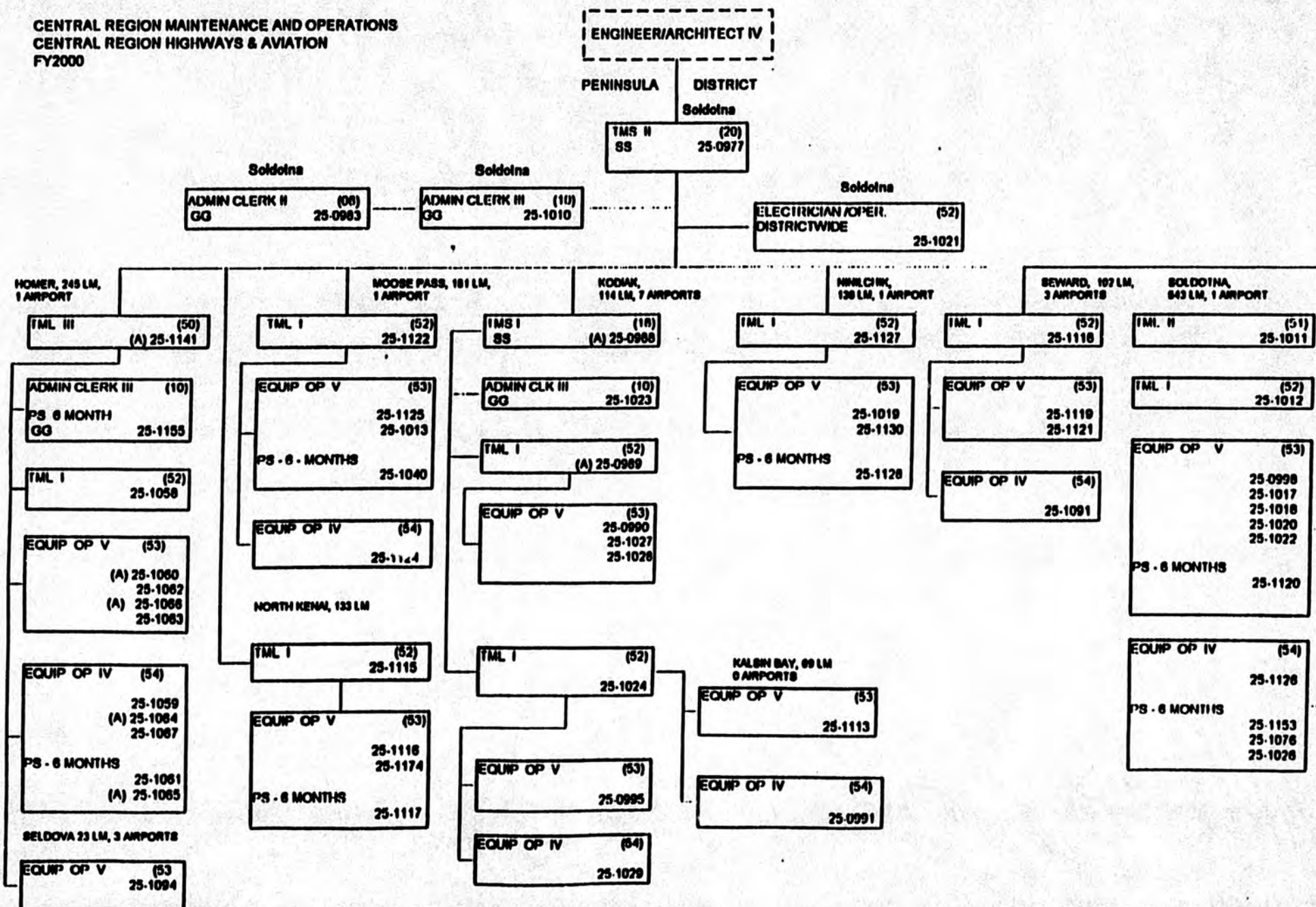


TOTAL POSITIONS THIS DISTRICT 44

FULL TIME POSITIONS 37 SEASONAL POSITIONS 7

All positions are
unless otherwise

CENTRAL REGION MAINTENANCE AND OPERATIONS
CENTRAL REGION HIGHWAYS & AVIATION
FY2000



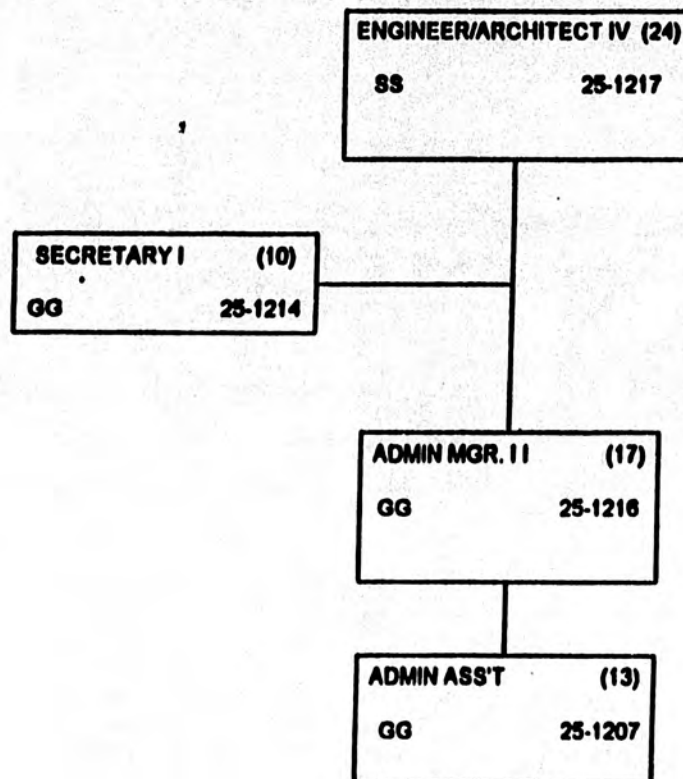
TOTAL POSITION THIS DISTRICT 87

All positions are LTC
unless otherwise noted

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Page 4 of 5

**CENTRAL REGION MAINTENANCE AND OPERATIONS
CENTRAL REGION HIGHWAYS AND AVIATION
FY2000**

Anchorage

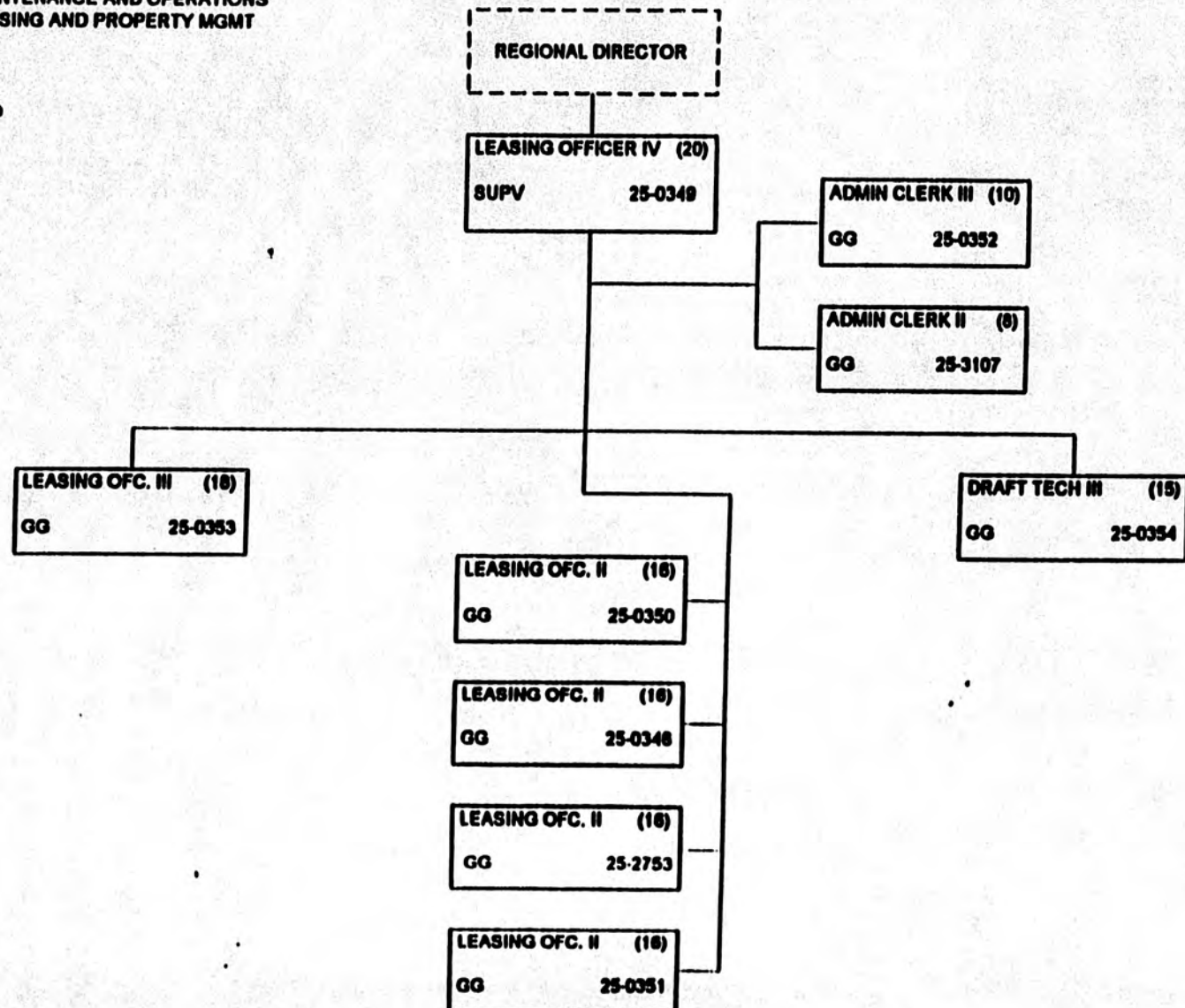


TOTAL POSITIONS 4

FULL TIME POSITIONS 4 SEASONAL POSITIONS 0

**CENTRAL REGION MAINTENANCE AND OPERATIONS
CENTRAL REGION LEASING AND PROPERTY MGMT
FY2000**

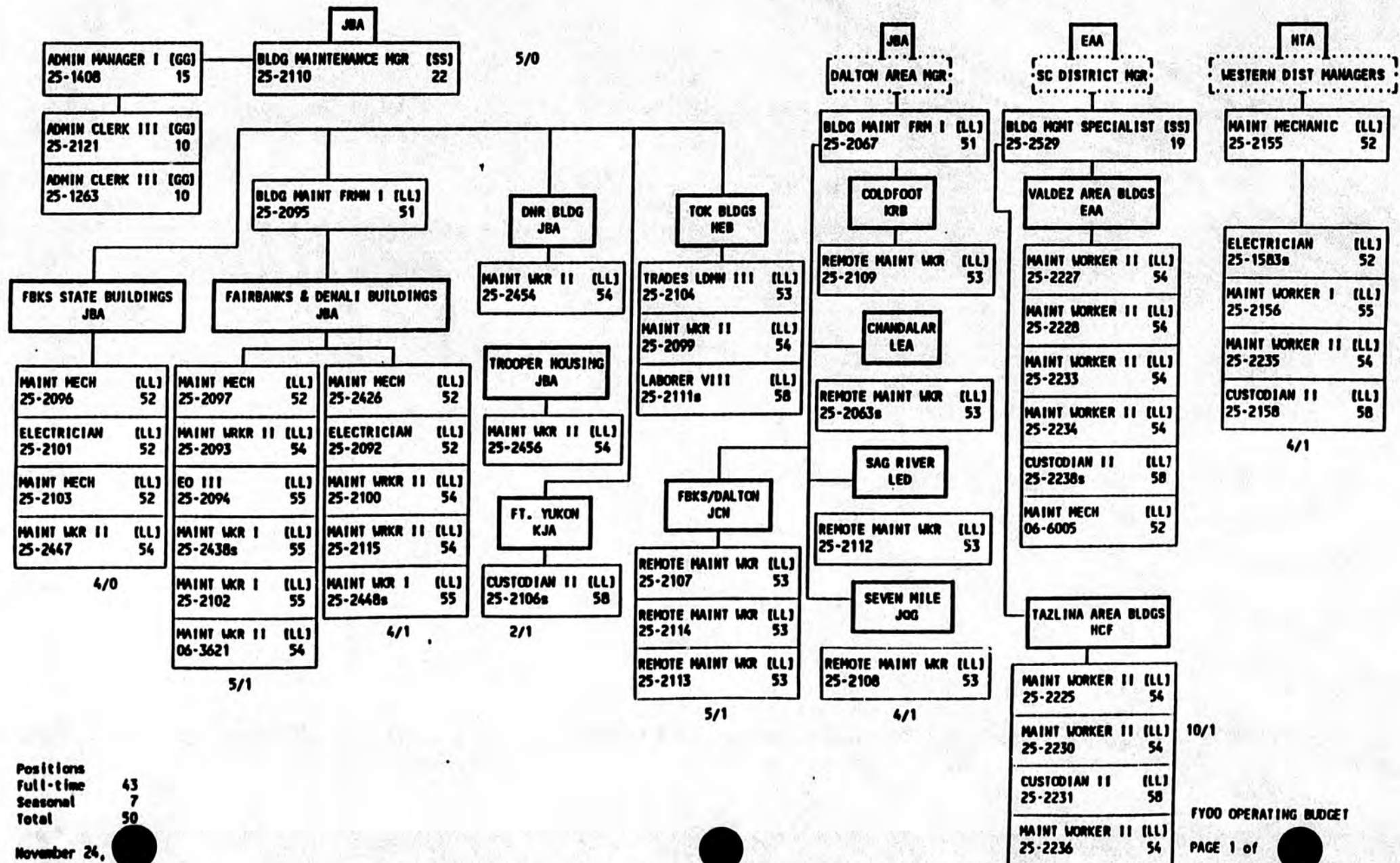
Anchorage



TOTAL POSITIONS 2

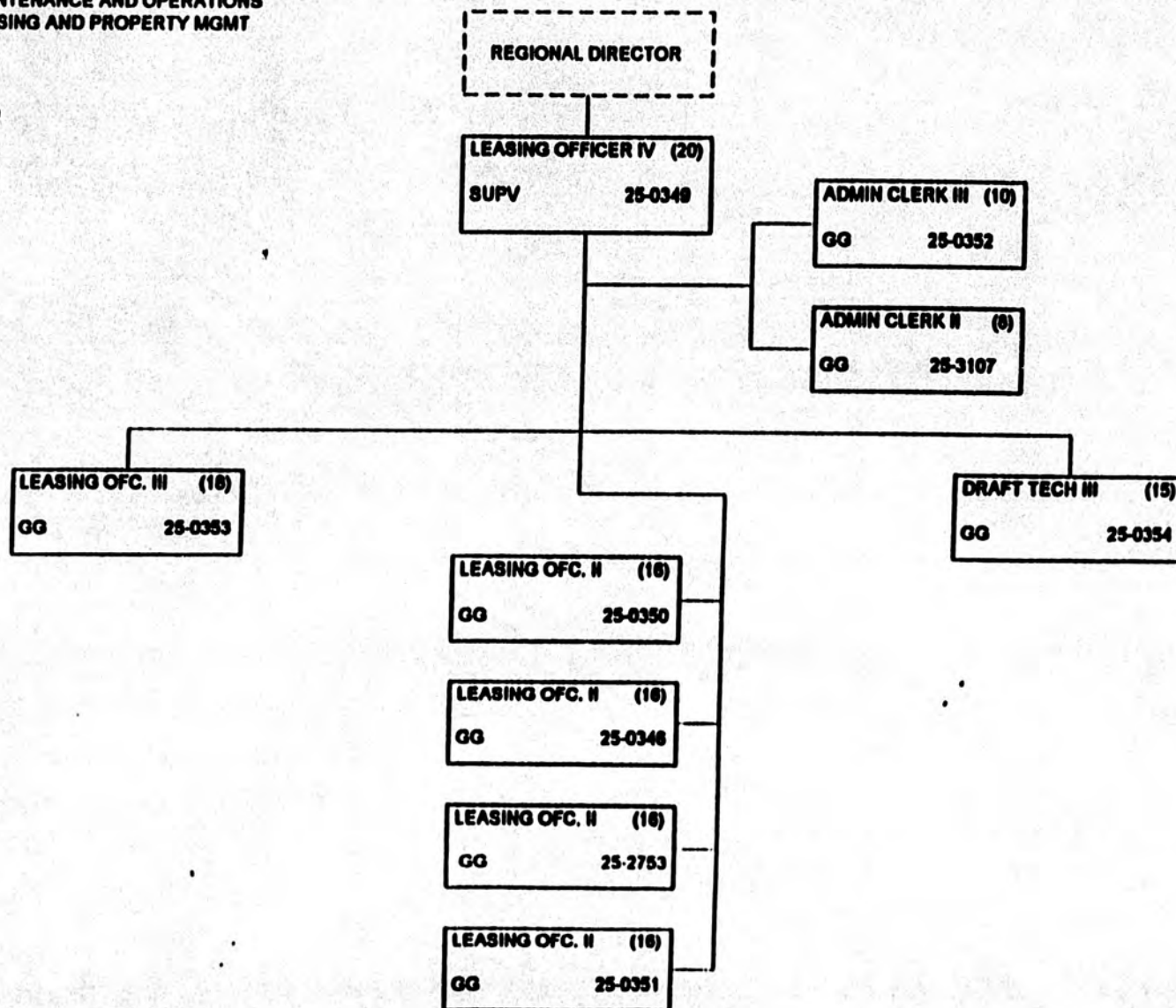
FULL TIME POSITIONS 2 SEASONAL POSITIONS 0

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
NORTHERN REGION MAINTENANCE AND OPERATIONS
NORTHERN FACILITIES



**CENTRAL REGION MAINTENANCE AND OPERATIONS
CENTRAL REGION LEASING AND PROPERTY MGMT
FY2000**

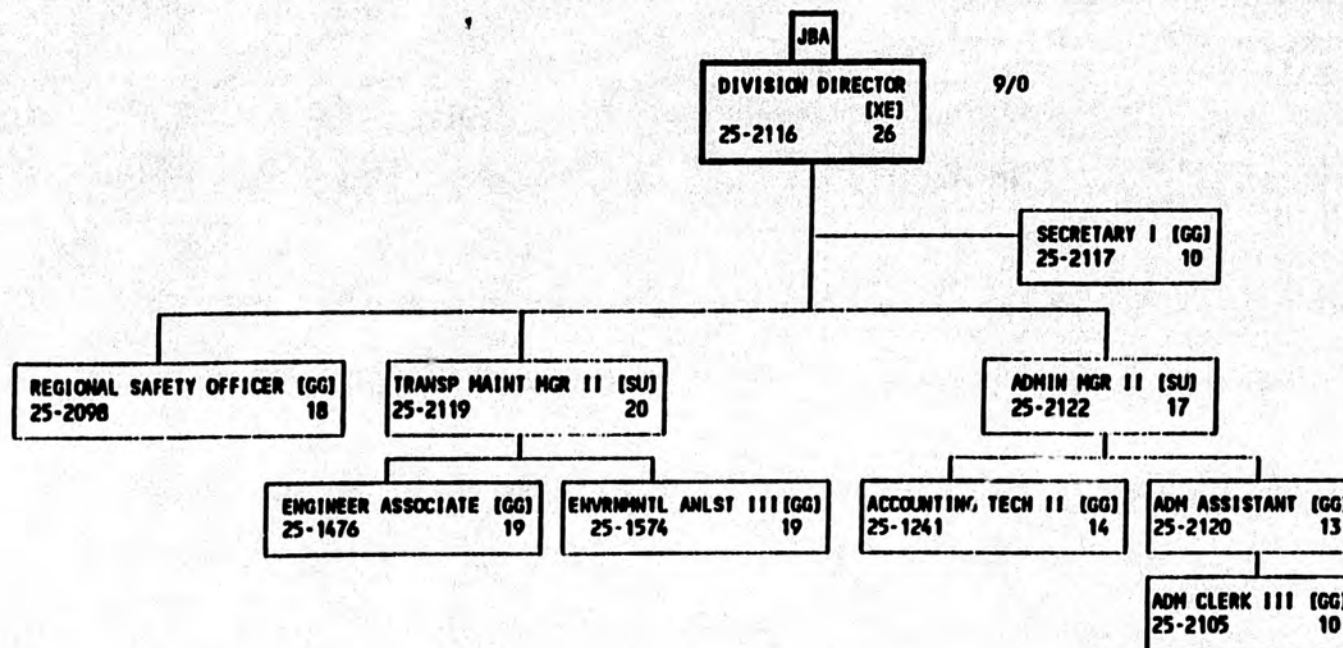
Anchorage



TOTAL POSITIONS 9

FULL TIME POSITIONS 9 SEASONAL POSITIONS 0

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
NORTHERN REGION MAINTENANCE & OPERATIONS
NORTHERN HIGHWAYS & AVIATION
ADMINISTRATION AREA

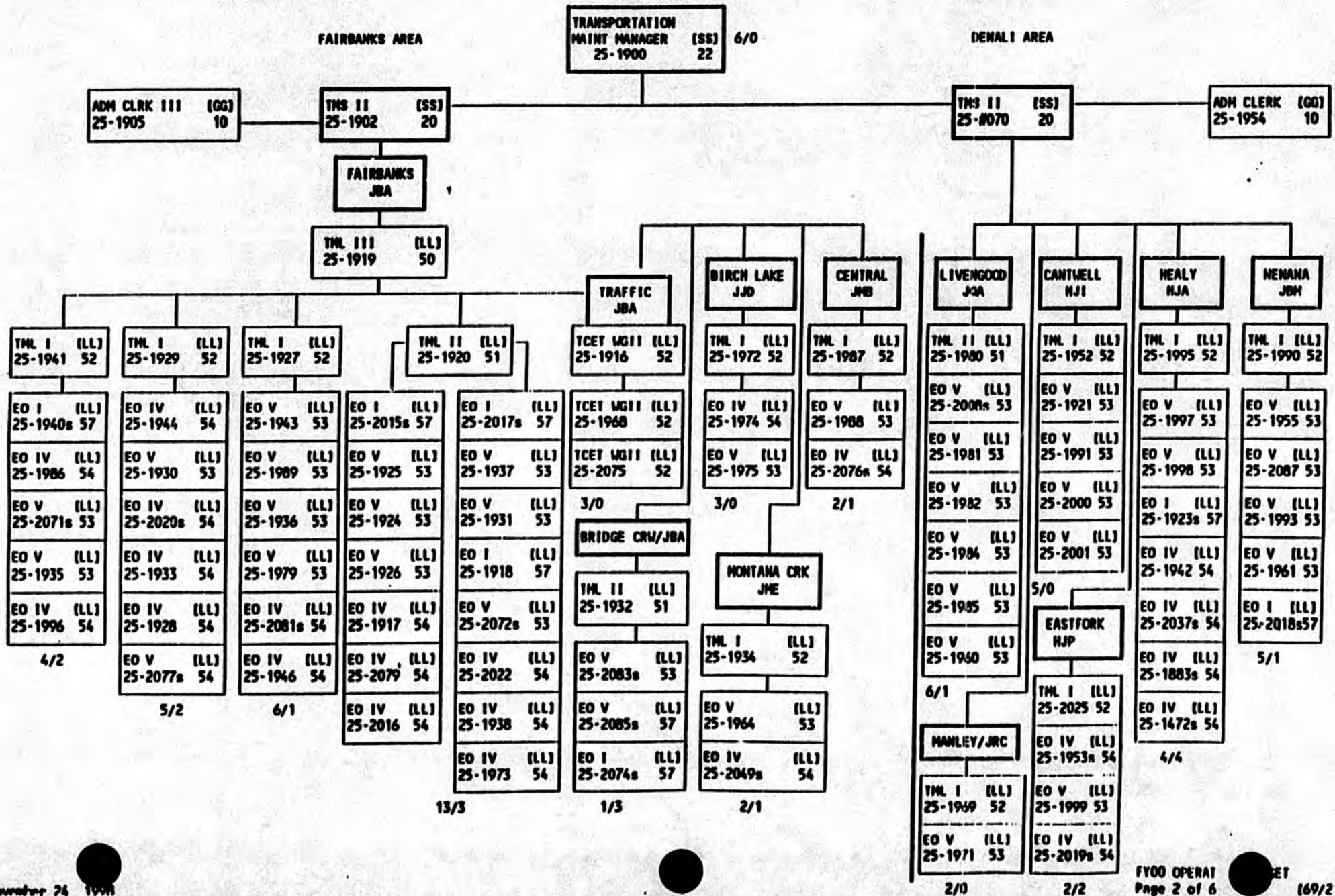


Positions	
Full-time	220
Seasonal	89
Total	309

BYOD OPERATING BUDGE!

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DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
MAINTENANCE & OPERATIONS
NORTHERN HIGHWAYS & AVIATION
FAIRBANKS AREA/DENALI AREA

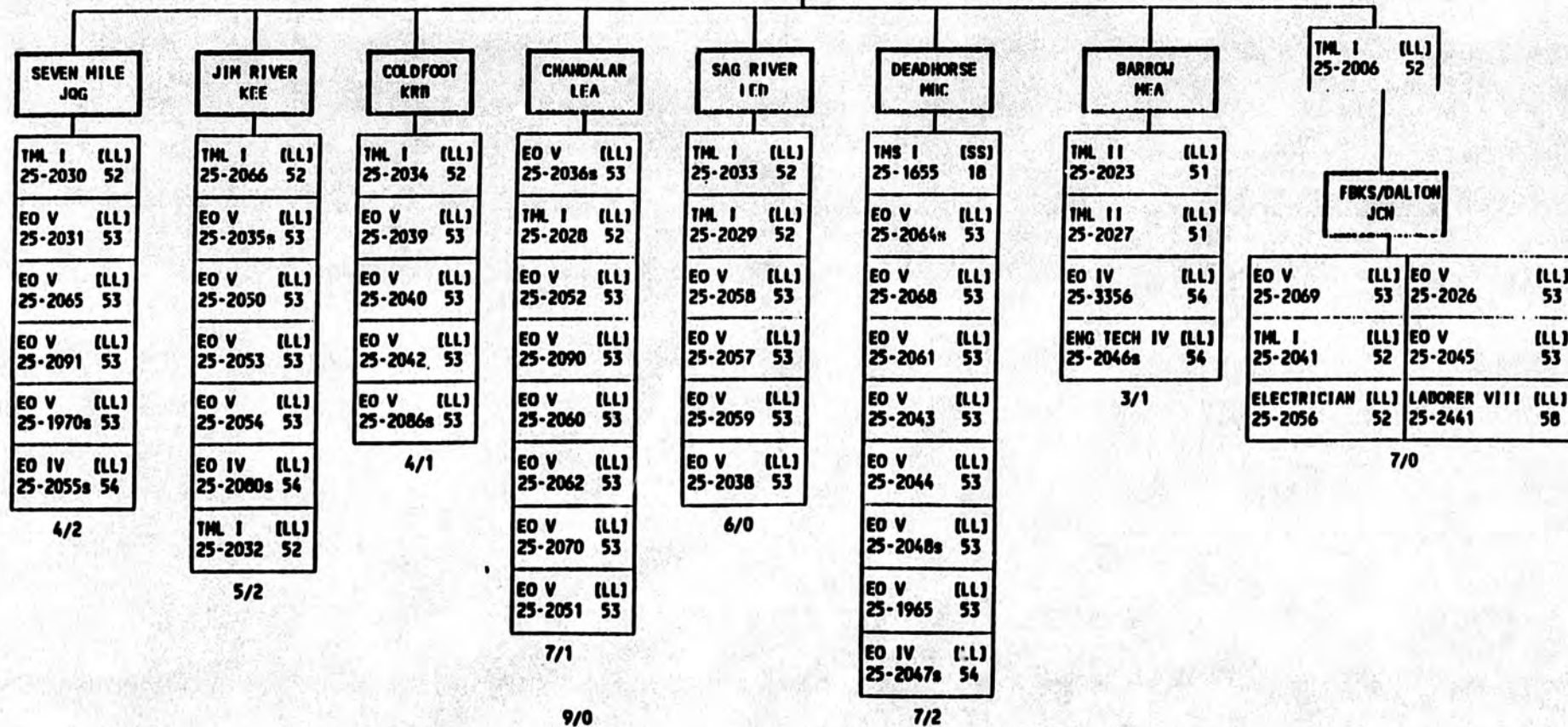


DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
MAINTENANCE & OPERATIONS
NORTHERN HIGHWAYS & AVIATION
DALTON AREA

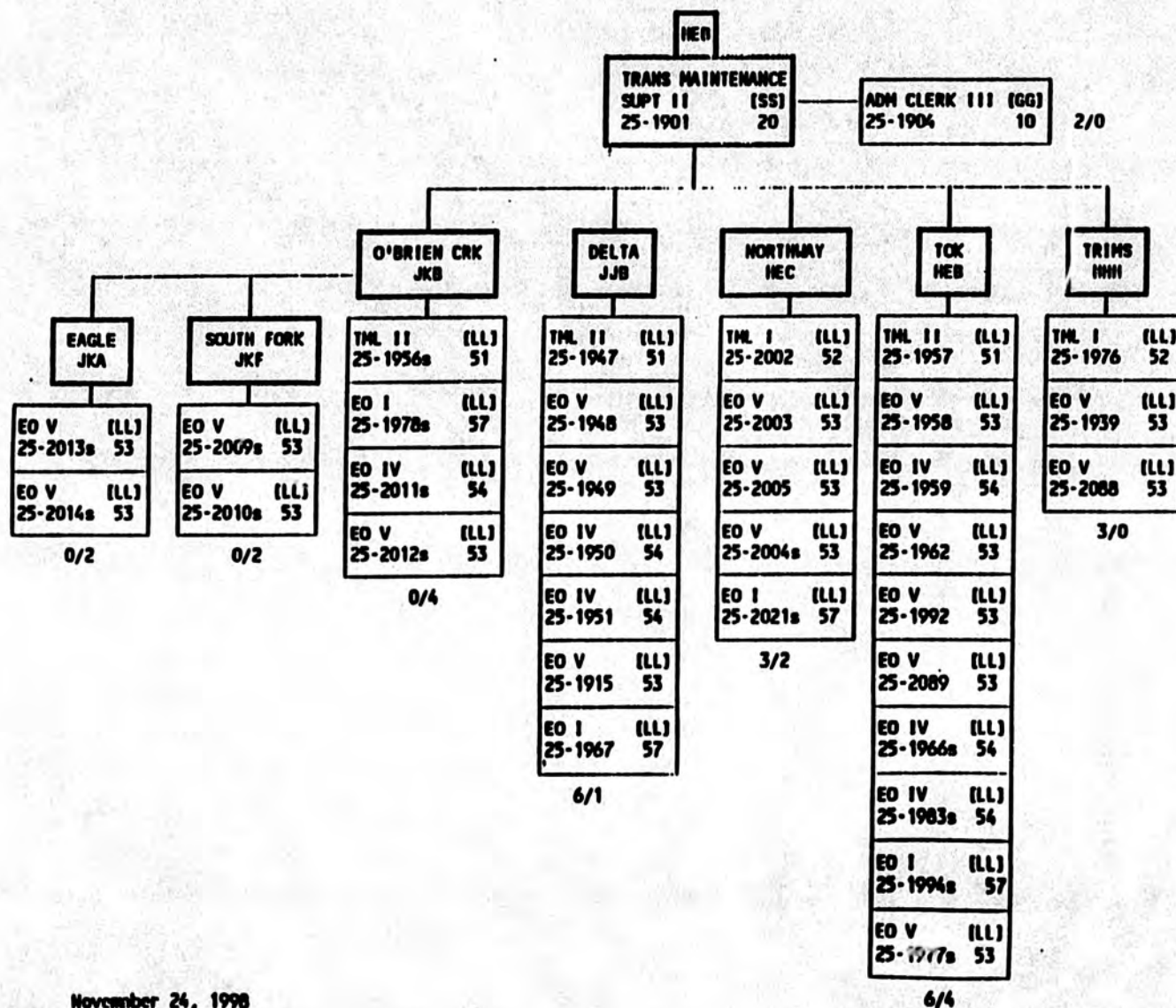
JBA
TRANS MAINT Supt II

TRANS MAINT Supt II (SS)
25-1903 20

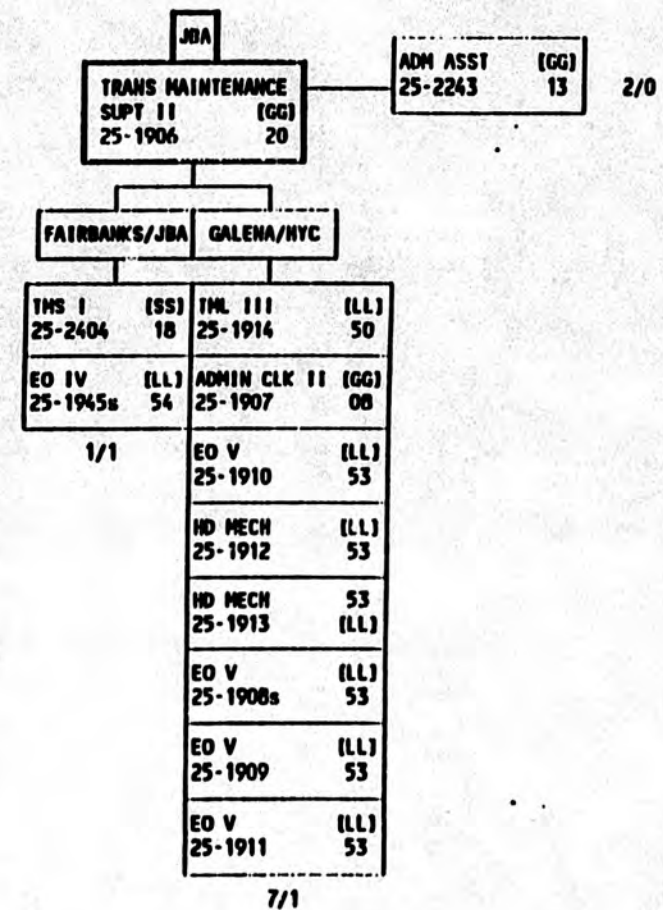
ADM CLERK III (GG)
25-2073 10 2/0



DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
MAINTENANCE & OPERATIONS
NORTHERN HIGHWAYS & AVIATION
TOK AREA



CONTRACTED AIRPORTS



DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
MAINTENANCE & OPERATIONS
NORTHERN HIGHWAYS & AVIATION
SOUTHCENTRAL

(FAA)
TRANS MAINT MGR III (SS)
25-2245 22

ADM ASSISTANT (GG)
25-2232 13

ADM CLERK III (GG)
25-2242 10

3/0

VALDEZ (EAA)

TML II	(LL)
25-2164	51
EQUIP OP V	(LL)
25-2172s	53
EQUIP OP V	(LL)
25-2166	53
EQUIP OP IV	(LL)
25-2200s	54
EQUIP OP IV	(LL)
25-2210s	54
EQUIP OP IV	(LL)
25-2221s	54
STOREKEEPER II	(LL)
25-2207s	56
LABORER WG VIII	(LL)
25-2205s	58
EQUIP OP IV	(LL)
25-1613s	54
EQUIP OP IV	(LL)
25-2219s	54
EQUIP OP V	(LL)
25-2222s	53
EQUIP OP V	(LL)
25-2222s	53

2/9

TAZLINA (MCF)

TMS II	(SS)
25-2241	20
ADM CLERK III	(GG)
25-2244	10
TML II	(LL)
25-2179	51
EQUIP OP V	(LL)
25-2181	53
EQUIP OP V	(LL)
25-2182	53
EQUIP OP V	(LL)
25-2185	53
EQUIP OP IV	(LL)
25-2186	54
EQUIP OP V	(LL)
25-2180	53
EQUIP OP I	(LL)
25-2204s	57
EQUIP OP IV	(LL)
25-2215s	54
EQUIP OP V	(LL)
25-2198	53
EQUIP OP V	(LL)
25-2183	53
EQUIP OP IV	(LL)
25-2206s	54
EQUIP OP I	(LL)
25-2213s	57
EQUIP OP I	(LL)
25-2212s	57

10/5

THOMPSON PASS (EAF)

TML II	(LL)
25-2170	51
EQUIP OP V	(LL)
25-2173	53
EQUIP OP V	(LL)
25-2175s	53
EQUIP OP IV	(LL)
25-2187s	54
EQUIP OP IV	(LL)
25-2220s	54
EQUIP OP IV	(LL)
25-2184	54
EQUIP OP IV	(LL)
25-2163s	54
EQUIP OP V	(LL)
25-1171	53
EQUIP OP V	(LL)
25-2127	53

5/4

CHITINA (EAB)

TML I	(LL)
25-2201	52
EQUIP OP V	(LL)
25-2202	53
EQUIP OP IV	(LL)
25-2209s	54

2/1

PAXSON (HND)

TML I	(LL)
25-2188	52
EQUIP OP V	(LL)
25-2190	53
EQUIP OP V	(LL)
25-2199	53
EQUIP OP IV	(LL)
25-2194	54
EQUIP OP I	(LL)
25-2217s	57
LABORER WG VIII	(LL)
25-2208s	58

4/2

VALDEZ ARPT (EAA)

TML II	(LL)
25-2167	51
EQUIP OP V	(LL)
25-2168	53
EQUIP OP IV	(LL)
25-2165	54

3/0

CORDOVA AIRPORT (DMA)

TML I	(LL)
25-1175	52
EQUIP OP V	(LL)
25-1173	53

2/0

SLANA (HDD)

TML I	(LL)
25-2196	52
EQUIP OP IV	(LL)
25-2211s	54
EQUIP OP V	(LL)
25-2177	53
EQUIP OP IV	(LL)
25-2197	54
LABORER WG VIII	(LL)
25-2216s	58
EQUIP OP IV	(LL)
25-2192	54
EQUIP OP I	(LL)
25-2214s	57

3/4

CORDOVA (DMA)

TML III	(LL)
25-1170	50
EQUIP OP V	(LL)
25-1172	53
EQUIP OP V	(LL)
25-1176	53
EQUIP OP V	(LL)
25-2169	53
EQUIP OP V	(LL)
25-2203	53

5/0

NELCHINA (YBH)

TML I	(LL)
25-2193	52
EQUIP OP V	(LL)
25-2191	53
EQUIP OP V	(LL)
25-2195	53
EQUIP OP IV	(LL)
25-2171s	54
EQUIP OP I	(LL)
25-2218s	57

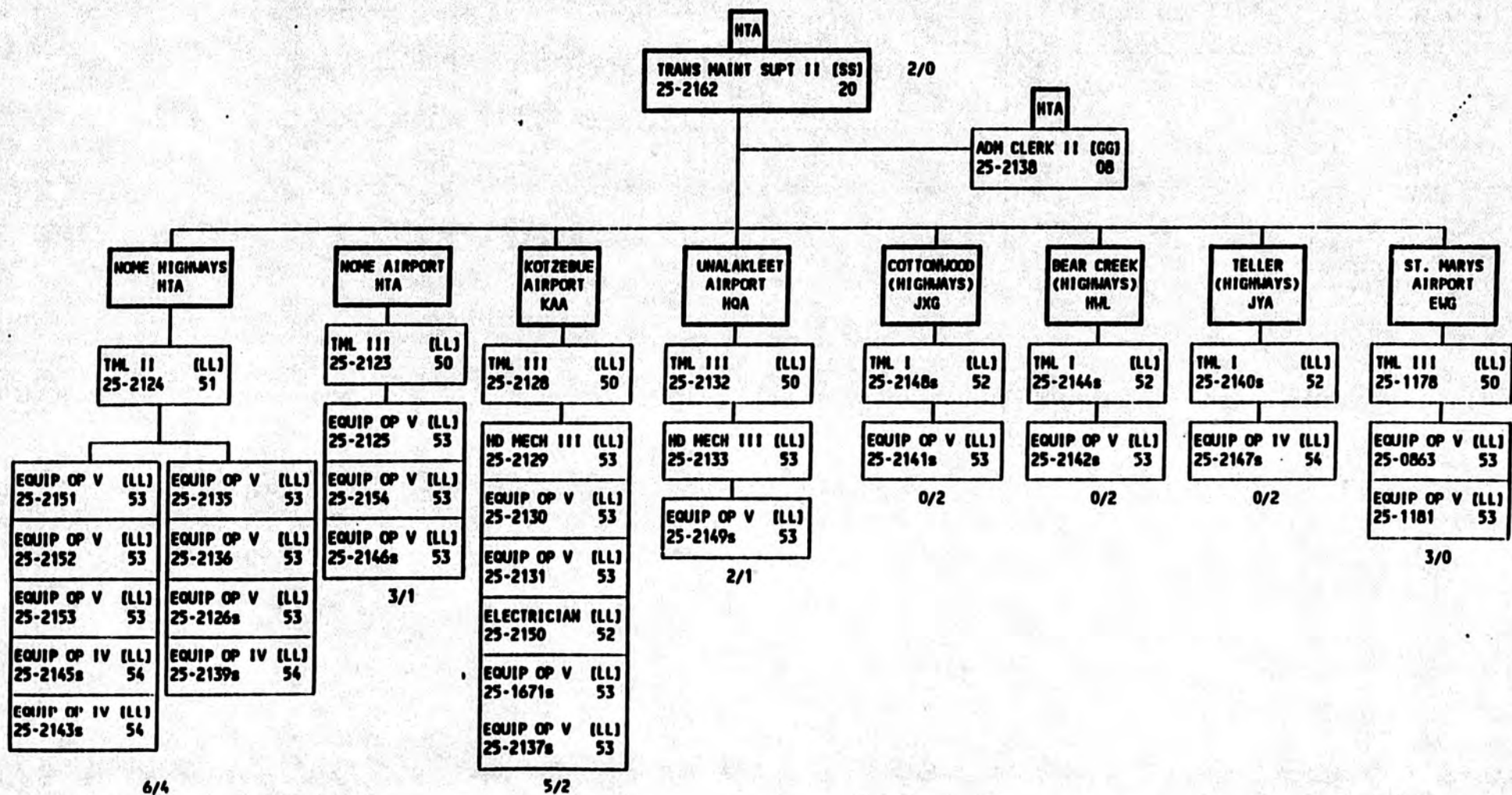
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ERNESTINE (EAD)

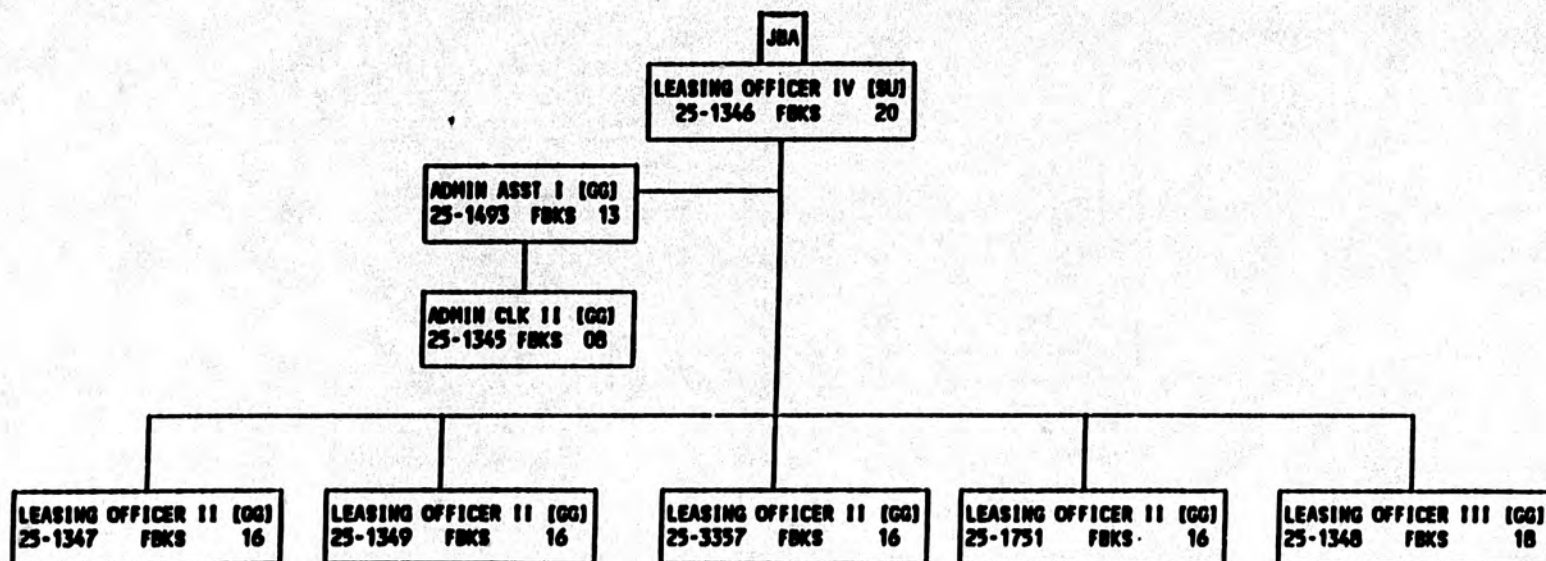
TML I	(LL)
25-2174	52
EQUIP OP V	(LL)
25-2176	53
EQUIP OP V	(LL)
25-2178	53
EQUIP OP IV	(LL)
25-2189s	54

1/1

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
MAINTENANCE & OPERATIONS
NORTHERN REGION HIGHWAYS & AVIATION
WESTERN DISTRICT



DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
NORTHERN REGION MAINTENANCE AND OPERATIONS
NORTHERN REGION LEASING AND PROPERTY MANAGEMENT #577
FY00



Positions
Full-time 8
Total 8

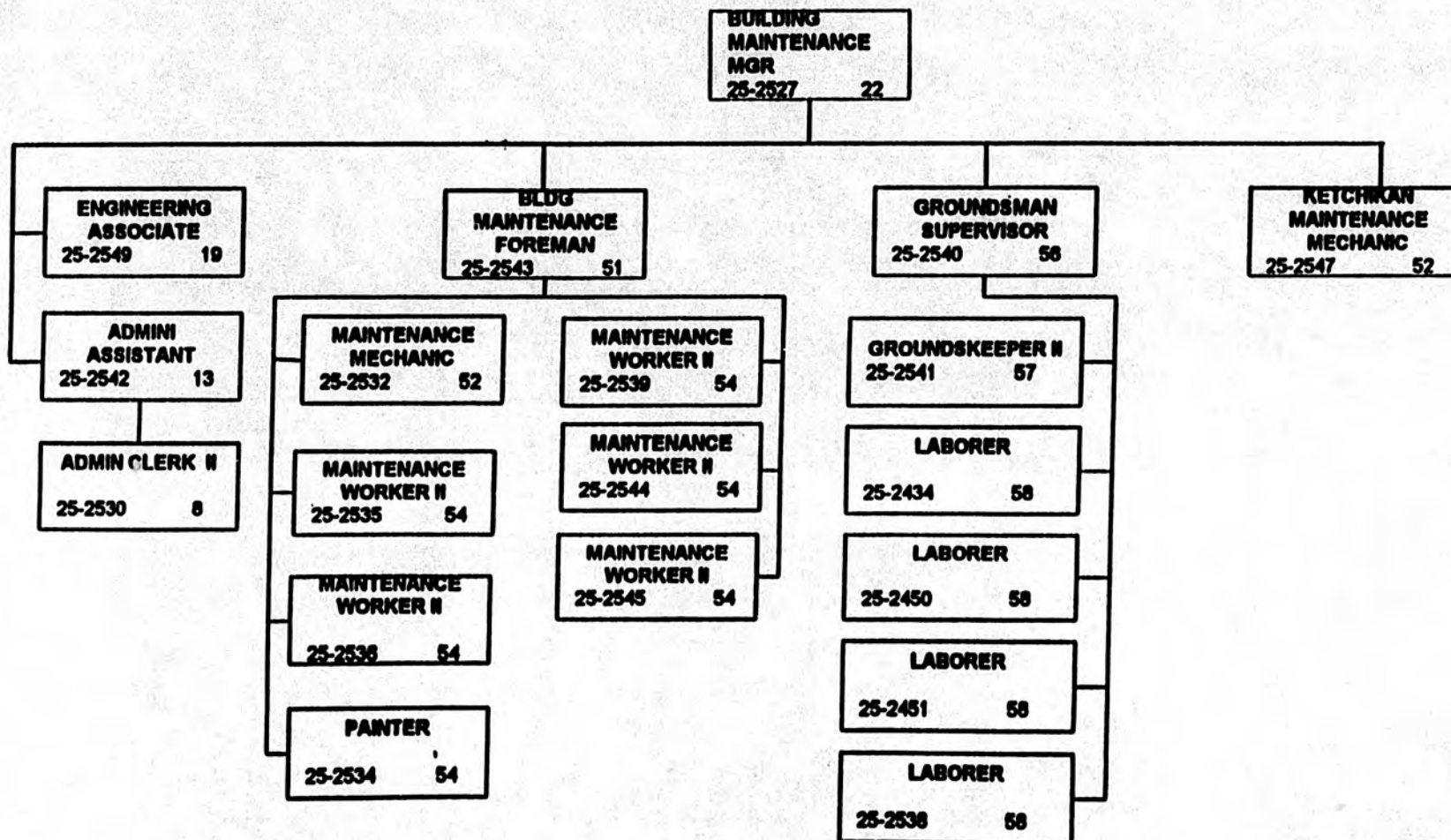
FY00 OPERATING BUDGET

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FY 00 STAFFING PLAN

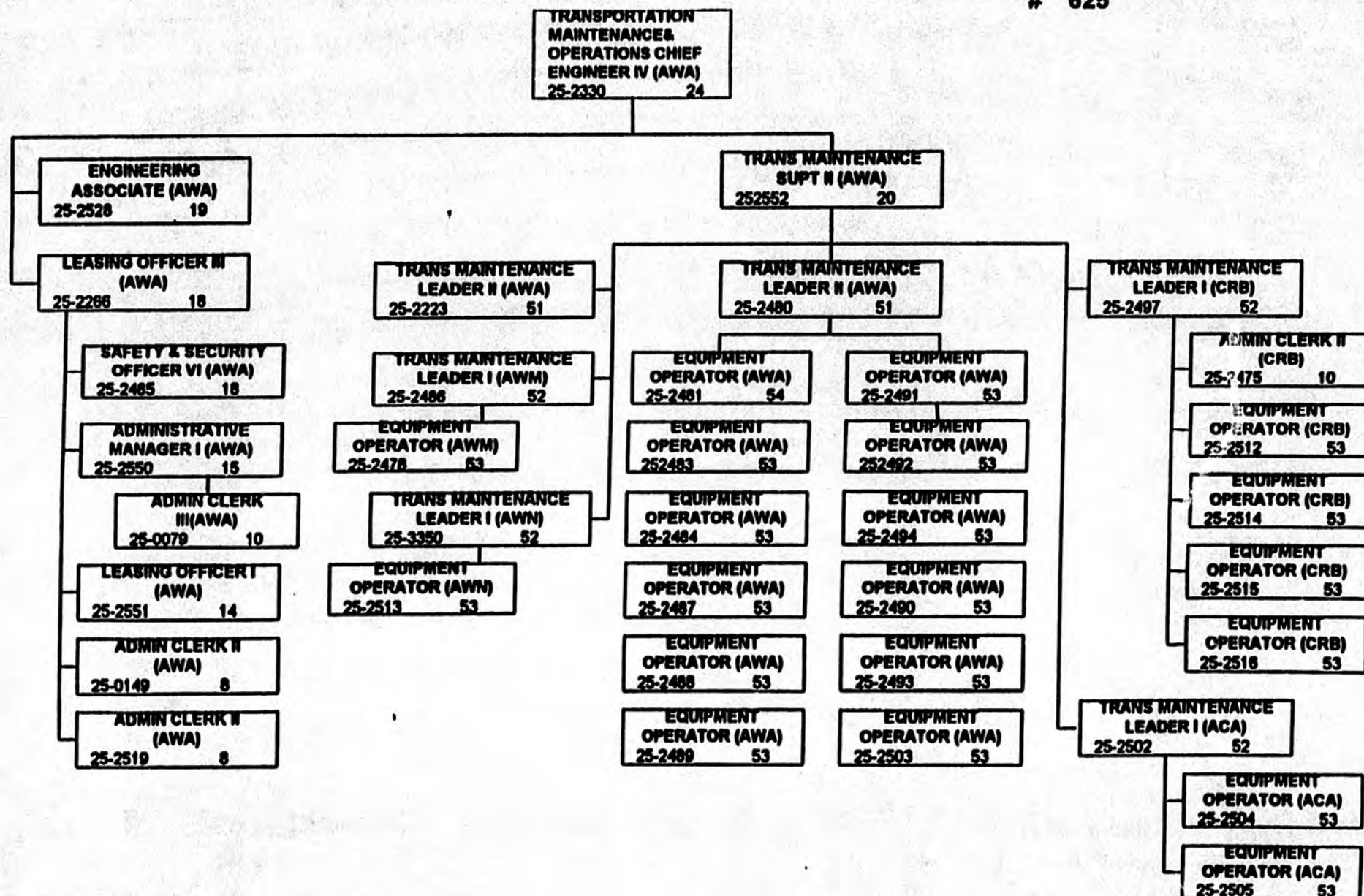
BRU: SE Region Maintenance & Operations
 COMPONENT: Southeast Region Facilities
 # 604



FY 00 STAFFING PLAN

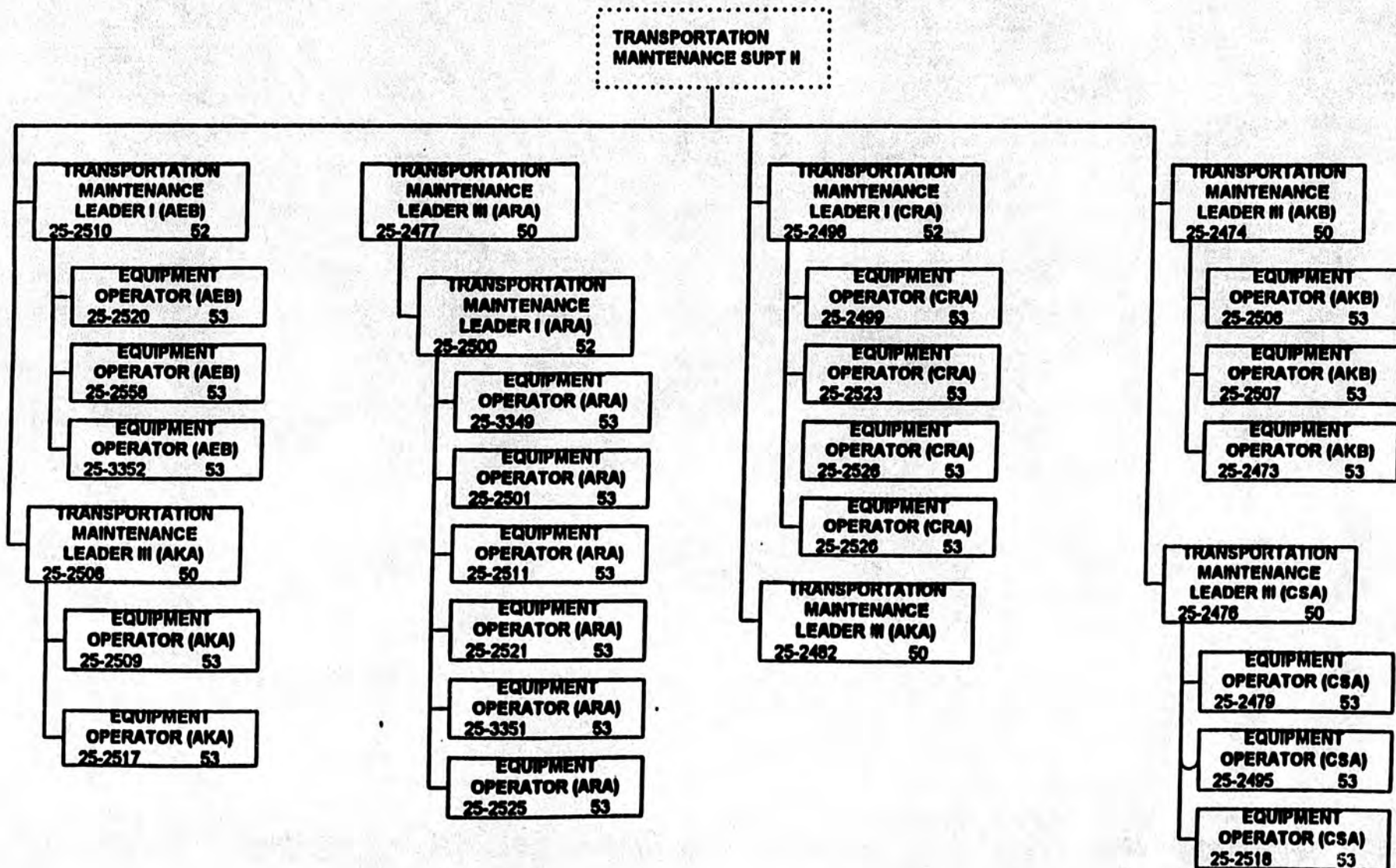
BRU: Statewide Mainten. & Operations

COMPONENT: SE Highways & Aviation
625



FY 00 STAFFING PLAN

BRU: Statewide Maintenance
Operations
COMPONENT: SE Highways & Aviation
625



**Commission on Privatization and
Delivery of Government Services**

**Subcommittee Report on the Department of Transportation &
Public Facilities**

Appendix B

***Bid schedule and scope of work for road maintenance on
Elmendorf AFB, Alaska***

Note: Delivery Orders will be issued by 3CONS Contracting Officer

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Contractor:

Solicitation #

F65501-99-R0075

Section B
Bid Schedule / Base Year
FXSB 99-2000
M/R Base Pavements - REQ

BID ITEM #	WORK ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED DOLLAR AMOUNT
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Removal for Roads and Airfields:

0001	Remove Existing Asphalt to On-base Site	12,500	TONS		
0002	Remove Existing Asphalt to Off-base Site	2,500	TONS		
0003	Cold Plane Existing Asphalt	20,000	SY-IN		
0004	Sawcut Existing or New Asphalt	15,000	IN-LF		
0005	Remove Existing Base or Subbase	7,500	CY		
0006	Remove Unuseable Excavation	750	CY		
0007	Remove Unsuitable Soil	250	CY		
0008	Trench Excavation	500	CY		
0009	Excavation/Backfill Existing Underground Utilities	100	CY		
0010	Clearing and Grubbing	10	MSF		

New Materials for Roads and Airfields:

0011	New Classified Backfill/Fill	1,000	TON		
0012	New Subbase	2,000	TON		
0013	New Pit Run Gravel	1,000	TON		
0014	Re-Use Existing Base as Subbase On-site	4,000	CY		
0015	New Geotextile Fabric	2,000	SY		
0016	Surface Prep Existing Subbase/Subgrade	16,500	SY		
0017	Surface Prep Existing Base Course	10,500	SY		
0018	Spray Asphalt Emulsion	2,000	SY		

Work Items Predominately for Airfields (AF):

0019	New Airfield Base Course / Processing	12,500	TONS		
0020	New Airfield Base Course / Placement	12,500	TONS		
0021	New Airfield Base Course / < 3,000 Tons Per Call	6,250	TONS		

0022	New AF Base Course / < 10,000 Tons	5,000	TONS		
0023	New AF Base Course / > 20,000 Tons	5,000	TONS		

0024	New AF AC Pavement [AC-5] / Processing	2,000	TONS		
0025	New AF AC Pavement [AC-5] / Placement	2,000	TONS		
0026	New AF AC Pavement [AC-5] / <2,000 Tons Per Call	1,000	TONS		
0027	New AF AC Pavement [AC-5] / Twy Shoulders	1,000	TONS		

Amendment 0001

20 July 99

BidSchBaseYr 01R

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BID ITEM #	WORK ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED DOLLAR AMOUNT
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Work Items Predominately for Airfields (AF):

0028	New AF AC Pavement [3% SBS] / Processing	6,500	TONS		
0029	New AF AC Pavement [3% SBS] / Placement	6,500	TONS		
0030	New AF AC Pavement [3% SBS] / < 2,000 Tons P	2,200	TONS		
0031	New AF AC Pavement / Cold Joint Removal	5,000	LF		
0032	AC Crack Sealing (Routing)	75,000	LF		
0033	AC Crack Sealing (No Routing)	7,500	LBS		
0034	New JFR Seal Coat (Spray-on)	1,000	SY		
0035	New JFR Seal Coat (Trowel-on)	250	SY		
0036	Remove Existing Concrete Slabs (Isolated)	600	CY		
0037	Remove Existing Concrete Slabs (Continuous)	3,100	CY		
0038	Remove Concrete Over 12" Thick	500	CY		
0039	Remove Concrete Under 1,000 CY	500	CY		
0040	New Concrete Slabs (Isolated)	600	CY		
0041	New Concrete Slabs (Continuous)	750	CY		
0042	New Concrete Slabs Under 12" Thick	500	CY		
0043	New Concrete Slabs Under 1,000 CY	500	CY		
0044	New Dowels Into Existing Concrete	3,750	EA		
0045	Cold Plane Existing Concrete Slabs [Isolated]	1,390	SY		
0046	Cold Plane Existing Concrete / AC Overlay[Contin	12,500	SY		
0047	Repair Deteriorated Concrete Joints	2,500	SF		
0048	New 2" Concrete Overlay (Normal PCC)	1,390	SY		
0049	Concrete Spall Repairs (Isolated)	555	SF		
0050	Concrete Spall Repairs (Continuous)	975	SF		
0051	Concrete Spall Repairs (Quartz)	1,155	SF		
0052	Concrete Crack Sealing	2,175	LF		
0053	Concrete Joint Sealing	25,450	LF		
0054	Sawcut Existing or New Concrete	12,200	IN-LF		
0055	Replace Grounding / Anchor Rods	25	EA		
0056	Pavement Surface Repairs	1,235	SF		
0057	Airfield FOD Clean-up	200	HR		
0058	New Pavement Markings for Airfields	20,000	LF		

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BID ITEM #	WORK ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED DOLLAR AMOUNT
Work Items Predominately for Roads:					
0059	Pulverize Existing Asphalt in Place	5,000	SY		
0060	New D-1 Base Course / Processing	13,000	TONS		
0061	New D-1 Base Course / Placement	13,000	TONS		
0062	New D-1 Base Course / < 2,000 Tons Per Call	6,250	TONS		
0063	New D-1 Base Course / < 10,000 Tons	5,000	TONS		
0064	New D-1 Base Course / > 20,000 Tons	5,000	TONS		
0065	New Road Pavement [AC-5] / Processing	2,000	TONS		
0066	New Road Pavement [AC-5] / Placement	2,000	TONS		
0067	New Road Pavement [AC-5] / < 1,000 Tons Per Call	1,000	TONS		
0068	New Road Pavement [3%SBS] / Processing	4,500	TONS		
0069	New Road Pavement [3%SBS] / Placement	4,500	TONS		
0070	New Road Pavement [3%SBS] / < 1,000 Tons Per Call	2,000	TONS		
0071	New Road Pavement / Cold Joint Removal	5,000	LF		
0072	New Asphalt Leveling Course	200	TONS		
0073	New Asphalt Transitions	200	TONS		
0074	Reclaimed Asphalt Cement for Roads	500	TONS		
0075	Remove Curbs & Gutters (Isolated)	1,000	LF		
0076	Remove Curbs & Gutters (Continuous)	5,000	LF		
0077	New Curbs & Gutters (Isolated)	1,000	LF		
0078	New Curbs & Gutters (Continuous)	5,000	LF		
0079	New Concrete Curbs & Gutters < 3,600 LF Per Call	2,500	LF		
0080	Remove Concrete Sidewalks (Isolated)	500	SY		
0081	Remove Concrete Sidewalks (Continuous)	2,500	SY		
0082	New Concrete Sidewalks (Isolated)	500	SY		
0083	New Concrete Sidewalks (Continuous)	1,500	SY		
0084	New Concrete Sidewalks < 2,000 SY Per Call	1,250	SY		

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BID ITEM #	WORK ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED DOLLAR AMOUNT
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Work Items Predominately for Roads:

0085	Adjust Pavement Structures	25	EA		
0086	Replace Manhole Covers and Rings	10	EA		
0087	Repair Catch Basins	50	EA		
0088	Remove Catch Basins	5	EA		
0089	New Catch Basins	5	EA		
0090	Replace RR Crossings	45	LF		
0091	Replace Guard Rails	100	LF		

0092	New Topsoil	10	MSF		
0093	New Hydroseeding	10	MSF		
0094	New Pavement Markings for Roads	15,150	LF		

0095	AC Crack Sealing (Routing)	25,000	LF		
0096	AC Crack Sealing (No Routing)	2,500	LBS		
0097	UPM Cold Patch Repair	100	SF		
0098	Patching / Pothole Repair	1,000	SY		
0099	Minor Asphalt Repair	2,000	SY		

0100	New Bike Trails	5,000	SY		
0101	New Parking Lots (Small)	2,500	SY		
0102	New Parking Lots (Medium)	5,000	SY		
0103	New Bike/Handicap Access Ramps	25	EA		
0104	New Concrete Driveways	1,000	SY		

0105	New 4" Diameter Conduit	50	LF		
0106	New 12" Diameter Culverts	100	LF		
0107	New 24" Diameter Culverts	100	LF		
0108	New Thaw Pipe For New Culverts	100	LF		
0109	New EPS Insulation Board	1,200	BF		
0110	Asphalt Crushing	5,000	TONS		
0111	Recycled Asphalt Pavement / Placement, Etc	5,000	TONS		

0112	Flagging Operation	150	MH		
0113	Haul Reject to On-base Landfill	5,000	TONS		
0114	Hauling Material	15,000	TON-MI		
0115	Slope Reclamation Using Reject	2,500	TONS		

Asphalt Pavement Adjustment (Airfield & Roads):

0116	New AC Pavement [AF & Roads] / < 10,000 Tons	5,000	TONS		
0117	New AC Pavement [AF & Roads] / > 25,000 Tons	5,000	TONS		

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BID ITEM #	WORK ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED DOLLAR AMOUNT
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Testing / Quality Control / Surveying:

0118	Asphalt Cores	20	EA		
0119	Concrete Cores	20	EA		
0120	Construction Surveying	350	HOURS		
0121	As-Built Survey on CAD	50	HOURS		

0122	Indep Quality Control-Base Course / Subbase	50	LOTS		
0123	Indep Quality Control-AC Pavement	100	SUBLOTS		
0124	Indep Quality Control-Concrete Pavement	8	LOTS		

0125	Testing-Base Course / Subbase	50	LOTS		
0126	Testing-Asphalt Pavement	100	SUBLOTS		
0127	Testing-Concrete Pavement	8	LOTS		

0128	Bonding	1	LS		
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Fuel Contaminated Soils:

0129	Test Fuel-Contaminated Soil	20	EA		
0130	Remediate Fuel-Contaminated Soil	50	TONS		
0131	Haul Fuel-Contaminated Soil to On-Base Site	100	TONS		

Traffic Lights and Controls System:

0132	Mast/Arm/Post Assembly	4	EA		
0133	Extension Pole for Street Light & Photocell	2	EA		
0134	Traffic Signal Head & Hardware Type I	2	EA		
0135	Traffic Signal Head & Hardware Type II	2	EA		
0136	Traffic Signal Head & Hardware Type III	2	EA		
0137	Traffic Signal Head & Hardware Type IV	2	EA		
0138	Pedestrian Signals, Push Buttons & Signs	4	EA SYS		
0139	Traffic Signal Controller sys.Intersection Style I	1	EA SYS		
0140	Traffic Signal Controller sys.Intersection Style II	1	EA SYS		
0141	Traffic Signal Controller sys.Intersection StyleIII	1	EA SYS		
0142	Traffic Sensor Loop System	4	EA SYS		
0143	Secondary Power Service	1	LS		
0144	Directional Traffic Signs	20	EA		

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BID ITEM #	WORK ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED DOLLAR AMOUNT
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Light Bases, Light Poles, Heater Outlets:

0145	Remove Exist Concrete Light Bases for Airfield Sh	5	EA		
0146	New Concrete Light Bases for Airfield Shoulders	5	EA		
0147	Raise/Lower Concrete Light Bases for Airfield Sho	10	EA		
0148	Relocate Concrete Light Bases for Airfield Shoulde	1	GROUP		
0149	New Parking Lot Light Poles	3	EA		
0150	Replace Head Bolt Heater Outlet Posts	16	EA		

Borrow Pit Materials For Purchase:

0151	D-1 Base Course for BCE	2,000	TONS		
0152	Hot Mix Asphalt [AC-5] for BCE	1,000	TONS		

Estimated Total for Base Year

Bid Items 0001 thru 0152:

M/R BASE PAVEMENTS - REQ

SECTION 1020

Scope of Work

1. Project Scope:

1.1 The contractor shall provide all materials, equipment, tools, labor, etc., required to perform the work items included in the Bid Schedule to maintain and repair existing pavements and to construct new pavements on Elmendorf AFB, AK. The pavement areas are: all base roads, parking lots, driveways, bike paths, golf cart paths, and the like, and all base airfield pavements, which includes all taxiways, runways, aprons, airfield roads, and hangar floors. The pavement work items include, but not limited to: asphalt & concrete paving, crack sealing, joint sealing, spall repairs, pothole repair, replace curbs & gutters, replace concrete sidewalks, pavement markings, base course & subbase work, & others.

1.1 Definitions of the Bid Items for the Base Year:

[Definition Numbers match Bid Line Item Numbers]

[0001 is the same as 1] & [1001 is the same as 1]

Work Items For Roads & the Airfield:

Excavation and Removal:

Line Item #1.

Remove Existing Asphalt Pavement [On-Base]

Scope of Work:

Payment shall be full compensation for the wheelcutting and removing of the existing asphalt pavement, and the loading, scaling, and hauling of the asphalt rubble to an on-base site [Area 13]. Tonnage will allow for approximately 1" of base course.

Unit of Measurement:

TONS of removed asphalt pavement.

Line Item #2.

Remove Existing Asphalt Pavement [Off-Base] -

Scope of Work:

Payment shall be full compensation for the wheelcutting and removing of the existing asphalt pavement, and the loading, scaling, and hauling of the asphalt rubble to an off-base site. Tonnage will allow for approximately 1" of base course.

Unit of Measurement:

TONS of removed asphalt pavement.

Line Item #3**Cold Plane Existing Asphalt****Scope of Work:**

Payment shall be full compensation for cold planing of the existing asphalt pavement, and hauling the cuttings to an on-base site [Area 13] or an off-base site at the contractor's option. Cold planing will vary from 3/4" to 1-1/2" per pass.

Unit of Measurement:

SY-INCH, per SY at one inch of asphalt thickness.

Perform IAW:

Section 2540.

Line Item #4**Sawcut New/Existing Asphalt Pavement****Scope of Work:**

Payment shall be full compensation for full depth sawcutting of the existing or new asphalt pavement, which has not been previously identified in other line items. This line item is to provide sawcutting 2" to 4" deep by approximately 1/8" to 1/4" wide per pass in asphalt pavement. Work includes clean-up and disposal of debris to an approved off-base disposal site.

Unit of Measurement:

INCH-LF, per 1 inch of asphalt depth at 1 linear foot of length.

Line Item #5**Remove Existing Base or Subbase****Scope of Work:**

Payment shall be full compensation for excavating the existing base or subbase material, hauling the base course or subbase material to the on-base gravel stockpile [Area #13], and stockpiling the material neatly in 20' high piles in areas approved by the project engineer. This material is typically non-frost susceptible and may be re-used on delivery calls without further processing.

Unit of Measurement:

CY of removed base/subbase.

Line Item #6**Remove Unusable Excavation****Scope of Work:**

Payment shall be full compensation for excavating of the ~~excess~~ unusable excavated soil, for leveling and compacting of the excavated area, and for hauling to ~~an~~ on-base site, either [Area 9] or within 3 mile radius of excavated area. Typically involves gravelly/sandy soils.

Unit of Measurement:

CY of unusable excavated soil.

Line Item #7**Remove Unsuitable Soil****Scope of Work:**

Payment shall be full compensation for excavating of the unsuitable soil, for leveling and compacting of the excavated area, for hauling to the on-base reclamation site [Area #11] and placing for reclamation. Typically involves silty soils and organics.

Unit of Measurement:

CY of unsuitable soil.

Line Item #8.

Trench Excavation

Scope of Work:

Payment shall be full compensation for trench excavating, the leveling and compacting of the excavated area, and the backfilling of the trench with the removed soils. Maximum depth of 5' will be used for a 12" to 24" wide trench. New conduit and new culvert are separate line items.

Unit of Measurement:

CY of trench excavation.

Line Item #9.

Excavation/Backfill Due to Existing Underground Utilities

Scope of Work:

Payment shall be full compensation for the careful excavating [by hand or small size equipment when allowed] of soil due to the presence of existing underground utilities. Also includes careful excavation in confined areas that are close proximity to a building or other structure. Includes leveling and compacting the excavated area, and transporting the excavated material to the on-base reclamation sites [Area #11] and placing for reclamation. Material is typically frost susceptible & consists of sandy gravels mixed with silts & clays. Providing new subbase material as backfill is a separate line item.

Unit of Measurement:

CY of Utility Excavation/Backfill.

Perform IAW: Wing Instruction 32-1007.

Line Item #10.

Clearing and Grubbing

Scope of Work:

Payment shall be full compensation for the clearing & grubbing, & hauling of the material to the on-base reclamation site [Area #11] and placing for reclamation. Place in 2' lifts and level with a bulldozer. Material typically consists of trees, brush, grass, peat, organics, topsoil, roots, bushes, downed timber and the like. Depth of removal varies from 12" to 24".

Unit of Measurement:

MSF (thousand square feet) of clearing & grubbing.

Borrow Pit Materials:

Line Item #11.

New Classified Backfill/Fill

Scope of Work:

Payment shall be full compensation for the mining, screening, hauling, placing, leveling, grading, & compacting the classified backfill. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of new classified material.

Perform IAW: Section 2225.

Line Item #12.**New Subbase****Scope of Work:**

Payment shall be full compensation for completed subbase which includes: mining, crushing, screening, hauling, placing, leveling, grading, & compacting the subbase. Includes providing new subbase for gravel shoulders. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of new subbase.

Perform IAW: Section 2225.

Line Item #13.**New Pit Run Gravel****Scope of Work:**

Payment shall be full compensation for the mining, hauling, placing, leveling, grading, & compacting of the pit run gravel. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of new pit run gravel.

Perform IAW: Section 2225.

Site Work**Line Item #14.****Re-Use Existing Base/Subbase as Subbase Material On-Site****Scope of Work:**

Payment shall be full compensation for the excavation, hauling, placement, and compaction of the existing base/subbase as subbase material at another location at the same job site. Further processing of this material is not required. Meet same compaction requirements as new subbase. Removal & movement of the existing base on-site for subbase use is included under this line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

CY of re-used base/subbase.

Perform IAW: Section 2225.

Line Item #15.**New Geotextile Fabric****Scope of Work:**

Payment shall be full compensation for providing new geotextile fabric. Provide Amoco 2002 or approved equal. Install per manufacturer's recommendations. Includes contractor's quality control and applicable testing.

Unit of Measurement:

SY of new geotextile material.

Perform IAW:

AK DOT Specifications sections 630 and 729 for Geotextile for Embankment Separation.

Line Item #16.

Surface Preparation of Existing Subbase/Subgrade

Scope of Work:

Payment shall be full compensation for surface preparation of the existing subbase material or subgrade that remains in place, which includes the grading and compacting of the existing subbase or subgrade. Includes the surface preparation of existing gravel or dirt shoulders and drainage ditches. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

SY of surface preparation of existing subbase or subgrade.

Perform IAW: Sections 2225 and 2230.

Line Item #17.

Surface Preparation of Existing Base Course

Scope of Work:

Payment shall be full compensation for surface preparation of the existing base course that remains in place after the removal of the existing asphalt, which includes the grading and compacting of the existing base course, and when required, the placing of the prime coat to meet road or airfield criteria. The placement of the new asphalt or concrete pavement is a separate line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

SY of surface preparation of existing base course.

Perform IAW:

Section 2230 and 2235.

Line Item #18.

Spray Asphalt Emulsion on Gravel Shoulders

Scope of Work:

Payment shall be full compensation for spraying asphalt emulsion on new or existing gravel shoulders. Work includes: spray-on of CSS-1 asphalt emulsion using 2 coats @ 0.10 gallons per SY per coat. The grading and compacting of the shoulders is a separate line item. Used for airfield shoulders at 10' to 25' widths and roadway shoulders at 5' to 10' widths. Includes contractor's quality control, surveying, and applicable testing.

Unit of Measurement:

SY of new asphalt emulsion sprayed-on in place.

Work Items Predominately for the Airfield:

New Airfield Base Course:

Line Item #19.

New Airfield Base Course [Mining/Processing Aggregate/ Etc.]

Scope of Work:

Payment shall be full compensation for the mining and processing of the aggregate for the new base course, which includes: the mobilization/demobilization of the crushing/screening plant; and the mining, the crushing, the screening, and the stockpiling of the aggregates. Includes contractor's quality control and crusher control testing. This line item is used with the "New Airfield Base Course [Placement]" line item. The independent quality control is a separate line item.

Unit of Measurement:

TONS of approved processed aggregate for New Airfield Base Course as measured in the stockpiles.
Perform IAW: Section 2230 and Section 1020-1.2&1.3.

Line Item #20.

New Airfield Base Course [Placement/Compaction/Etc.]

Scope of Work:

Payment shall be full compensation for the new base course which includes: the mixing, scaling, hauling, placing, leveling, grading, and compacting of the new base course and placing the prime coat (as needed) on the base course to meet airfield criteria. This line item is used with the "New Airfield Base Course [Processing]" line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of New Airfield Base Course as measured in place for air field use.
Perform IAW: Section 2230 and Section 1020-1.2&1.3.

Line Item #21.

New Airfield Base Course / Less than 3,000 Tons on Individual Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery call when the actual quantities of new base course placed are less than 3,000 tons. Includes isolated work areas such as the hardstands and access ramps. This cost adjustment is applied to the unit price of the "New Airfield Base Course [Placement]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Airfield Base Course [Placement].
Perform IAW: Section 2230 and Section 1020-1.4.

Line Item #22.

New Airfield Base Course / Less Than 10,000 Tons on All Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change when the sum total of actual quantities of new base course placed on all delivery calls for each contract year is less than 10,000 tons. This cost adjustment is applied to the unit price of the "New Airfield Base Course [Processing]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Airfield Base Course [Processing].

Perform IAW: Section 2230 and Section 1020-1.4.

Line Item #23.

New Airfield Base Course / Over 20,000 Tons on All Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for the sum total of actual quantities of new base course placed on all delivery calls for each contract year over 20,000 tons. This cost adjustment is applied to the unit price of the "New Airfield Base Course [Processing]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Airfield Base Course [Processing].

Perform IAW: Section 2230 and Section 1020-1.4.

New Airfield Asphalt Pavement [AC-5]:

Line Item #24.

New Asphalt Pavement [AC-5] -Airfield [Mining/Processing Aggregate/Etc.]

Scope of Work:

Payment shall be full compensation for the mining and processing of the aggregate for the new AC-5 asphalt pavement, which includes: the mobilization/demobilization of the crushing/screening plant & the asphalt plant; & the mining, the crushing, the screening, & stockpiling of the aggregates. Includes contractor's quality control and crusher control testing. This line item is used with the "New Asphalt Pavement [AC-5] Airfield [Placement]" line item. The independent quality control is separate line item.

Unit of Measurement:

TONS of approved processed aggregate for New Asphalt Pavement [AC-5] - Airfield as measured in the stockpiles for use on the airfield.

Perform IAW: Section 2550 and Section 1020-1.2&1.3.

Line Item #25.

New Asphalt Pavement [AC-5] -Airfield [Placement/Compaction/Etc.]

Scope of Work:

Payment shall be full compensation for the new AC-5 asphalt pavement, which includes: tack coat application, the mixing, scaling, hauling, placing, and compacting of the new AC-5 asphalt pavement to meet airfield criteria. This line item is used with the "New Asphalt Pavement [AC-5] Airfield [Processing]" line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of New Asphalt Pavement [AC-5] - Airfield as measured in place on the airfield.
Perform IAW: Section 2550 and Section 1020-1.2&1.3.

Line Item #26.

New Asphalt Pavement [AC-5] - Airfield / Less than 2,000 Tons on Individual Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery order when the actual quantities of new AC-5 asphalt pavement placed are less than 2,000 tons. Includes isolated work areas such as the hardstands and access ramps. This cost adjustment is applied to the unit price of the "New Asphalt Pavement [AC-5] Airfield [Placement]" line item. Does not pertain to any line items which pay by the SY.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Asphalt Pavement [AC-5] Airfield [Placement].

Perform IAW: Section 2550 and Section 1020-1.5.

Line Item #27.

New Asphalt Pavement [AC-5] - Airfield / Runway or Taxiway Shoulders

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for providing new 2" or 3" asphalt pavement (AC-5) for runway or taxiway shoulders, which contain edge lights at 50' on centers. This cost adjustment is applied to the unit price of the "New Asphalt Pavement [AC-5] Airfield [Placement]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Asphalt Pavement [AC-5] Airfield [Placement].

Perform IAW: Section 2550.

New Airfield Asphalt Pavement [3% SBS]:

Line Item #28.

New Asphalt Pavement [3% SBS] - Airfield [Mining/Processing Aggregate/Etc.]

Scope of Work:

Payment shall be full compensation for the mining and processing of the aggregate for the new 3% SBS asphalt pavement for airfield use, which includes: the mobilization/demobilization of the crushing/screening plant & the asphalt plant; & the mining, the crushing, the screening, and stockpiling of the aggregates. Includes contractor's quality control and crusher control testing. This line item is used with the "New Asphalt Pavement [3% SBS] Airfield [Placement]" line item. The independent quality control is a separate line item.

Unit of Measurement:

TONS of approved processed aggregate for New Asphalt Pavement [3% SBS] - Airfield as measured in the stockpiles.

Perform IAW: Section 2550 and Section 1020-1.2&1.3.

Line Item #29.**New Asphalt Pavement [3% SBS] - Airfield [Placement/Compaction/Etc.]****Scope of Work:**

Payment shall be full compensation for the new 3% SBS asphalt pavement, which includes:, tack coat application, the mixing, scaling, hauling, placing, and compacting of the new 3% SBS asphalt pavement to meet airfield criteria. Use SBS rubber modifier at the dosage rate of 3% of the asphalt cement. This line item is used with the "New Asphalt Pavement [3% SBS] Airfield [Processing]" line item. The independent quality control, surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of New Asphalt Pavement [3% SBS] - Airfield as measured in place on the airfield.

Perform IAW: Section 2550 and Section 1020-1.2&1.3.

Line Item #30.**New Asphalt Pavement [3% SBS] - Airfield / Less than 2,000 Tons on Individual Delivery Calls****Scope of Work:**

Payment shall be a unit price increase, decrease, or no change for any individual delivery order when the actual quantities of new 3% SBS asphalt pavement placed are less than 2,000 tons. Includes isolated work areas such as the hardstands and access ramps. This cost adjustment is applied to the unit price of the "New Asphalt Pavement [3% SBS] Airfield [Placement]" line item. Does not pertain to any line items which pay by the SY.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Asphalt Pavement [3% SBS] Airfield [Placement].

Perform IAW: Section 2550 and Section 1020-1.5.

Go To Line Item # 116 For New Asphalt Pavement / < 10,000 Tons on All Delivery Calls

Go To Line Item # 117 For New Asphalt Pavement / > 25,000 Tons on All Delivery Calls

Line Item #31.**New Asphalt Pavement - Airfield / Cold Joint Removal****Scope of Work:**

Payment shall be full compensation for wheelcutting, and removing the cold asphalt joints from the newly placed airfield asphalt pavement, which includes sweeping up the debris, and hauling the removed joint material to the on-base site [Area 12] or an off-base site at the contractors option. Pertains to AC-5 and 3% SBS asphalt pavement. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LF of cold joint removed from airfield asphalt pavement.

Perform IAW: Section 2550.

Repair Airfield Pavements:

Line Item #32.

Asphalt Crack Sealing [Routing]

Scope of Work:

Payment shall be full compensation for routing, cleaning, and sealing cracks in asphalt pavement on the airfield, which includes sweeping and vacuuming up the debris from routing and transporting the debris to the off-base disposal site. "Airfield FOD Clean-up" line item does not apply. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LF of asphalt crack sealing.

Perform IAW: Section 2530.

Line Item #33.

Asphalt Crack Sealing [No routing]

Scope of Work:

Payment shall be full compensation for cleaning, and sealing cracks in asphalt pavement on the airfield, which includes sweeping and vacuuming up the debris, and transporting the debris to the off-base disposal site. "Airfield FOD Clean-up" line item does not apply. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LBS of asphalt crack sealant placed.

Perform IAW: Section 2530.

Line Item #34.

New JFR Seal Coat [Spray-on]

Scope of Work:

Payment shall be full compensation for surface preparation of existing asphalt, and placing new JFR seal coat (spray-on). Includes contractor's quality control and applicable testing.

Unit of Measurement:

SY of JFR seal coat placed.

Perform IAW: Section 2567.

Line Item #35.

New JFR Seal Coat [Trowel-on]

Scope of Work:

Payment shall be full compensation for surface preparation of existing asphalt, and placing the new JFR seal coat either by trowel-on or by squeegee-on. Includes contractor's quality control and applicable testing.

Unit of Measurement:

SY of JFR seal coat placed.

Perform IAW:

Section 2567.

New Airfield Concrete Pavement:

Line Item #36.

Remove Existing Concrete Slabs [Isolated]

Scope of Work:

Payment shall be full compensation for demolishing and excavating of existing concrete slabs with reinforcement and hauling the concrete rubble to the on-base site [Area #9] or an off-base site at the contractor's option. Concrete slab thickness varies from 8" to 12". Typically involves the removal of less than 10 slabs [20'x20' to 25'x25'] surrounded by slabs that remain in place. Includes contractor's quality control.

Unit of Measurement:

CY of removed concrete slabs as measured in place.

Perform IAW: Section 2515.

Line Item #37.

Remove Existing Concrete Slabs [Continuous]

Scope of Work:

Payment shall be full compensation for demolishing and excavating of existing concrete slabs with reinforcement and hauling the concrete rubble to the on-base site [Area #9] or an off-base site at the contractor's option. Concrete slab thickness varies from 8" to 12". Typically involves the removal of more 10 or more slabs [20'x20' to 25'x25'] adjacent to each other or in a row. Includes contractor's quality control.

Unit of Measurement:

CY of removed concrete slabs as measured in place.

Perform IAW: Section 2515.

Line Item #38.

Remove Existing Concrete / Over 12" Thick on Individual Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery call when removing the existing concrete slabs are over 12" thick up to 16" thick. This line item is used with either the "Remove Existing Concrete Slabs [Isolated] or [Continuous]" line items. This cost adjustment is applied to the unit price of either the "Remove Existing Concrete Slabs [Isolated] or [Continuous]" line item, whichever is on the delivery call.

Unit of Measurement:

Unit price increase, decrease, or no change per CY of removed concrete.

Line Item #39.

Remove Existing Concrete / Less than 1,000 CY on Individual Delivery Calls:

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery call when removing the existing concrete slabs are less than 1,000 CY. This line item is used with the "Remove Existing Concrete Slabs [Continuous]" line item. This cost adjustment is applied to the unit price of the "Remove Existing Concrete Slabs [Continuous]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per CY of removed concrete.

Line Item #40.

New Concrete Slabs [Isolated]

Scope of Work:

Payment shall be full compensation for: the hauling, placing, finishing, & curing of the new concrete slabs; and placing of new welded wire fabric & new dowels. Concrete slab thickness varies from 12" to 16". Typically involves the placement of less than 10 new slabs [20'x20' to 25'x25'] surrounded by existing slabs that remain in place. The surface preparation of the base course, sawcutting new joints, placing new joint sealant, independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

CY of new concrete slabs as measured in place with concrete tickets.

Perform IAW: Section 2515.

Line Item #41.

New Concrete Slabs [Continuous]

Scope of Work:

Payment shall be full compensation for: the hauling, placing, finishing, & curing of the new concrete slabs; and placing of new welded wire fabric & new dowels. Concrete slab thickness varies from 12" to 16". Typically involves the placement of 10 or more new slabs [20'x20' to 25'x25'] adjacent to each other or in a row. The surface preparation of the base course, sawcutting new joints, placing new joint sealant, indep. quality control, field surveying, & field/lab testing are separate line items.

Unit of Measurement:

CY of new concrete slabs as measured in place with concrete tickets.

Perform IAW: Section 2515.

Line Item #42.

New Concrete Slabs / Less than 12" Thick on Individual Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery call when new concrete slabs are less than 12" thick, with a minimum thickness of 8". This line item is used with either the "New Concrete Slabs [Isolated]" or "New Concrete Slabs [Continuous]" line items. This cost adjustment is applied to the unit price of either the "New Concrete Slabs [Isolated]" or "New Concrete Slabs [Continuous]" line item, whichever is on the delivery call.

Unit of Measurement:

Unit price increase, decrease, or no change per CY of new concrete.

Perform IAW: Section 2515.

Line Item #43.

New Concrete Slabs / Less than 1,000 CY on Individual Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery call when the actual quantities of new concrete placed are less than 1,000 CYS. This line item is used with either the "New Concrete Slabs [Isolated]" or "New Concrete Slabs [Continuous]" line items. This cost adjustment is applied to the unit price of either the "New Concrete Slabs [Isolated]" or "New Concrete Slabs [Continuous]" line item, whichever is on the delivery call.

Unit of Measurement:

Unit price increase, decrease, or no change per CY of New Concrete.

Perform IAW: Section 2515.

Line Item #44.

New Dowels into Existing Concrete

Scope of Work:

Payment shall be full compensation for providing new dowels, drilling new holes into the existing concrete, epoxying the new dowels into the existing concrete, painting and oiling the exposed ends, & all necessary dust control. Provide new 3/4" diameter by 20" length dowels spaced at 12" o.c. Includes contractor's quality control and applicable testing.

Unit of Measurement:

EA of new steel dowels as measured in place.

Perform IAW: Section 2515 and the drawings.

Repair Airfield Concrete Pavements:

Line Item #45.

Cold Plane Existing Concrete Slabs [Isolated]

Scope of Work:

Payment shall be full compensation for 2" cold planing of existing concrete slabs, necessary chip hammering at the edges & corners of the slabs, and transporting the cuttings to the on-base site [Area 12]. Slabs to be cold planed are not continuous, but rather are isolated slabs from 20'x 20' (majority) to 25'x 25' in size. Includes contractor's quality control.

Unit of Measurement:

SY of cold planed 2" concrete slabs.

Perform IAW: Section 2540.

Line Item #46.

Cold Plane Existing Concrete/Asphalt Overlay [Continuous]

Scope of Work:

Payment shall be full compensation for 2" cold planing of existing concrete slabs with an asphalt overlay, and transporting the cuttings to the on-base site [Area 12] in separate stockpiles. Slabs to be cold planed are continuous. Existing asphalt overlay varies from 1/2" to 1-1/2" thick. Includes contractor's quality control.

Unit of Measurement:

SY of cold planed 2" concrete/asphalt overlay.

Perform IAW: Section 2540.

Line Item #47.

Repair Deteriorated Concrete Joints

Scope of Work:

Payment shall be full compensation for surface preparation of the cold planed concrete surface at deteriorated joints, placing new tack coat, and placing new asphalt pavement at the joints as a leveling course for an average depth of 1". Remove loose concrete aggregate with power driven sweeper and dispose of in the approved off-base disposal site. Includes contractor's quality control.

Unit of Measurement:

SF of deteriorated concrete joints.

Line Item #48.

New 2" Concrete Overlays [Normal]

Scope of Work:

Payment shall be full compensation for surface preparation of the cold planed concrete surface, placing the bonding grout; placing, curing, and finishing work of the new 2" concrete overlay. The overlay slabs vary from 20'x 20' to 25'x25', but are typically 20'x20'. Provide normal type I concrete. Sawcutting new joints, placing new joint sealant, independent quality control, field surveying, & field/lab testing are separate line items.

Unit of Measurement:

SY of concrete in place for concrete slab overlay.

Perform IAW: Section 2515.

Line Item #49.

Concrete Spall Repairs [Isolated]

Scope of Work:

Payment shall be full compensation for sawcutting and removing the existing concrete to an average depth of 2", surface preparation, placing the bonding grout, and placing the new concrete. Sawcutting the spall and placing the new joint sealant are separate line items. The concrete mix is for normal type I concrete or high early strength hydraulic cement. Typically, 1 LF to 10 LF in length by 12" wide; spread out in various locations. Dispose of removed material in an approved off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

SF of concrete spall repairs.

Perform IAW: Section 2575 or 2576.

Line Item #50.

Concrete Spall Repairs [Continuous]

Scope of Work:

Payment shall be full compensation for sawcutting and removing the existing concrete to an average depth of 2", surface preparation, placing the bonding grout, and placing the new concrete. Sawcutting the spall and placing the new joint sealant are separate line items. The concrete mix is for normal type I concrete or high early strength hydraulic cement. Typically, 10 LF to 25 LF in length by 12" wide; spread out in various locations. Dispose of removed material in an approved off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

SF of concrete spall repairs.

Perform IAW: Section 2575 or 2576.

Line Item #51.

Concrete Spall Repairs [Quartz]**Scope of Work:**

Payment shall be full compensation for 1/2" to 1" sawcutting along the edges, removing the existing concrete to an average depth of 1", surface preparation, placing the primer, and placing the new high early strength quartz. Sawcutting the spall and placing the new joint sealant are separate line items. Typically, 1 LF to 5 LF in length by 4" to 6" wide, spread out in various locations. Dispose of removed material in approved off-base disposal site. Includes CQC & applicable testing.

Unit of Measurement:

SF of concrete spall repairs.

Perform IAW: Section 2100 and 2575.

Line Item #52.**Concrete Crack Sealing****Scope of Work:**

Payment shall be full compensation for the removal of the existing sealant, routing, cleaning, and sealing cracks in concrete pavement on the airfield, which includes sweeping and vacuuming up the debris from routing, and hauling the debris to an approved off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LF of concrete crack sealing.

Perform IAW: Section 2572.

Line Item #53.**Concrete Joint Sealing:****Scope of Work:**

Payment shall be full compensation for the removal of the existing joint sealant, cleaning of the joint, and placing the new joint sealant on existing and new concrete slabs on the airfield, which includes sweeping and vacuuming up the debris, and hauling the debris to an approved off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LF of concrete joint sealant.

Perform IAW: Section 2572.

Line Item #54.**Sawcut Existing/New Concrete****Scope of Work:**

Payment shall be full compensation for the partial depth (joints) and full depth (removal) sawcutting of the existing or new concrete, which has not been previously identified as part of a line item. Work includes clean-up and high pressure watering to remove slurry from airfield areas. Width of sawcut varies. Includes contractor's quality control and applicable testing.

Unit of Measurement:

INCH-LF, per one inch of concrete thickness at a length of one linear foot.

Perform IAW: Section 2515.

Line Item #55.

Replace Grounding/Anchor Rods**Scope of Work:**

Payment shall be full compensation for replacing grounding/anchor rods, which includes: remove existing grounding/anchor rods, coring thru the concrete, augering thru the subbase, placing the new grounding/anchor rod, and capping off the top with high strength concrete. Existing grounding/anchor rods are anticipated to be present in concrete areas to be cold planed. Dispose of removed material in an approved off-base disposal site. Includes contractor's quality control, surveying, & applicable testing.

Unit of Measurement:

EA of grounding/anchor rods.

Perform IAW: Section 2515 and drawings.

Line Item #56.**Pavement Surface Repairs****Scope of Work:**

Payment shall be full compensation for performing concrete surface repairs, which includes surface preparation and primer application. Apply in 1/4" to 1/2" thin lift repairs. Typically, the area is 1 SF to 5 SF, spread out in various locations. Includes all associated contractors quality control and testing.

Unit of Measurement:

SF of pavement surface repairs.

Perform IAW: Section 2100.

Line Item #57.**Airfield FOD Clean-up****Scope of Work:**

Payment shall be full compensation for performing primarily airfield FOD clean-up using a sweeper/vacuum truck and water truck. May require handwork to remove some of the FOD. May include road clean-up in some areas. Partial or no payment will be made when the clean-up is not done properly by the contractor and government resources are required to provide FOD clean-up. "AC Crack Sealing" does not apply. FOD is defined as gravels, sands, dust, mud, and other debris that damages aircraft.

Unit of Measurement:

Per HR of FOD Clean-up.

Perform IAW: Section 1020-7.

Line Item #58.**New Pavement Markings for Airfields****Scope of Work:**

Payment shall be full compensation for all paint striping on the airfield, which includes surface preparation prior to painting. Includes contractor's quality control, surveying, & applicable testing.

Unit of Measurement:

LF of 12" wide paint striping.

Perform IAW: Section 2590.

Work Items Predominately for Roads & Parking Lots:

Line Item #59.

Pulverize Existing Asphalt

Scope of Work:

Payment shall be full compensation for the pulverizing of the existing asphalt in place, the placing of the pulverized asphalt back down on the ground as base course, and the grading and compaction of the pulverized asphalt. The pulverized asphalt shall meet the AK DOT 2" minus gradation. The pulverized asphalt in place shall meet the compaction requirements of the new base course. Includes contractor's quality control and applicable testing.

Unit of Measurement:

SY of pulverized asphalt.

Perform IAW:

Section 2235.

New D-1 Base Course - Roads:

Line Item #60.

New D-1 Base Course - Roads [Mining/Processing Aggregate/Etc.]

Scope of Work:

Payment shall be full compensation for the mining and processing of the aggregate for the new base course, which includes: the mobilization/demobilization of the crushing/screening plant; and the mining, the crushing, the screening, and the stockpiling of the aggregates. Includes contractor's quality control and crusher control testing. This line item is used with the "New D-1 Base Course [Placement]" line item. The independent quality control is a separate line item.

Unit of Measurement:

TONS of approved processed aggregate for New D-1 Base Course - Roads as measured in the stockpiles.

Perform IAW: Section 2235 and Section 1020-1.2&1.3..

Line Item #61.

New D-1 Base Course - Roads [Placement/Compaction/Etc.]

Scope of Work:

Payment shall be full compensation for the new base course which includes: the mixing, scaling, hauling, placing, leveling, grading, and compacting of the new base course and placing the prime coat on the base course to meet road criteria. This line item is used with the "New D-1 Base Course [Processing]" line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of New D-1 Base Course - Roads as measured in place for road use.

Perform IAW: Section 2235 and Section 1020-1.2&1.3.

Line Item #62.

New D-1 Base Course-Roads / Less than 2,000 Tons on Individual Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery calls or isolated work areas when actual quantities of new base course are less than 2,000 tons. This cost adjustment is applied to the unit price of the "New D-1 Base Course [Placement]" line item. Does not pertain to any line items which pay by the SY.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New D-1 Base Course - Roads [Placement].

Perform IAW: Section 2235 and Section 1020-1.4.

Line Item #63.

New D-1 Base Course - Roads / Less Than 10,000 Tons on All Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change when the sum total of actual quantities of new D-1 base course placed on all delivery calls for each contract year is less than 10,000 tons. This cost adjustment is applied to the unit price of the "New D-1 Base Course [Processing]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New D-1 Base Course - Roads [Processing].

Perform IAW: Section 2235 and Section 1020-1.4.

Line Item #64.

New D-1 Base Course - Roads / Over 20,000 Tons on All Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for the sum total of actual quantities of new D-1 base course placed on all delivery calls for each contract year over 20,000 tons. This cost adjustment is applied to the unit price of the "New D-1 Base Course [Processing]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New D-1 Base Course - Roads [Processing].

Perform IAW: Section 2235 and Section 1020-1.4.

New Road Asphalt Pavement [AC-5]:

Line Item #65.

New Asphalt Pavement [AC-5] - Roads [Mining/Processing Aggregate/Etc.]

Scope of Work:

Payment shall be full compensation for the mining and processing of the aggregate for the new AC-5 asphalt pavement, which includes: the mobilization/demobilization of the crushing/screening plant & the asphalt plant; & the mining, the crushing, the screening, & stockpiling of the aggregates. Includes contractor's quality control and crusher control testing. This line item is used with the "New Asphalt Pavement [AC-5] Roads [Placement]" line item. The independent quality control is a separate line item.

Unit of Measurement:

TONS of approved processed aggregate for: New Asphalt Pavement [AC-5] - Roads as measured in the stockpiles.

Perform IAW: Section 2550 and Section 1020-1.2&1.3.

Line Item #66.

New Asphalt Pavement [AC-5] -Roads [Placement/Compaction/Etc.]

Scope of Work:

Payment shall be full compensation for the new AC-5 asphalt pavement, which includes: tack coat application, the mixing, scaling, hauling, placing, and compacting of the new AC-5 asphalt pavement to meet road criteria. This line item is used with the "New Asphalt Pavement [AC-5] Roads [Processing]" line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of New Asphalt Pavement [AC-5] - Roads as measured in place.

Perform IAW: Section 2550 and Section 1020-1.2&1.3.

Line Item #67.

New Asphalt Pavement [AC-5] -Roads / Less than 1,000 Tons on Individual Del Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery call or isolated work areas when the actual quantities of new asphalt pavement placed are less than 1,000 tons. This cost adjustment is applied to the unit price of the "New Asphalt Pavement [AC-5] Roads [Placement]" line item. Does not pertain to any line items which pay by the SY.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Asphalt Pavement [AC-5] - Roads [Placement].

Perform IAW: Section 2550 and Section 1020-1.5.

Go To Line Item # 116 For New Asphalt Pavement / < 10,000 Tons on All Delivery Calls

Go To Line Item # 117 For New Asphalt Pavement / > 25,000 Tons on All Delivery Calls

New Road Asphalt Pavement [3% SBS]:

Line Item #68.

New Asphalt Pavement [3% SBS] -Roads [Mining/Processing Aggregate/Etc.]

Scope of Work:

Payment shall be full compensation for the mining and processing of the aggregate for the new 3% SBS asphalt pavement for road use, which includes: the mobilization/demobilization of the crushing/screening plant & the asphalt plant; and the mining, the crushing, the screening, and stockpiling of the aggregates. Includes contractor's quality control and crusher control testing. This line item is used with the "New Asphalt Pavement [3% SBS] Roads [Placement]" line item. The independent quality control is a separate line item.

Unit of Measurement:

TONS of approved processed aggregate for New Asphalt Pavement [3% SBS] - Roads as measured in stockpiles.

Perform IAW: Section 2550 and Section 1020-1.2&1.3.

Line Item #69.

New Asphalt Pavement [3% SBS] -Roads [Placement/Compaction/Etc.]

Scope of Work:

Payment shall be full compensation for the new 3% SBS asphalt pavement, which includes: tack coat application, the mixing, scaling, hauling, placing, and compacting of the new 3% SBS asphalt pavement to meet road criteria. Use SBS rubber modifier at the dosage rate of 3% of the asphalt cement. This line item is used with the "New Asphalt Pavement [3% SBS] Roads [Processing]" line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of New Asphalt Pavement [3% SBS] - Roads as measured in place.

Perform IAW: Section 2550 and Section 1020-1.2&1.3.

Line Item #70.

New Asphalt Pavement [3% SBS] -Roads / Less than 1,000 Tons on Individual Del Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery call when the actual quantities of new 3% SBS asphalt pavement are less than 1,000 tons. This cost adjustment is applied to the unit price of the "New Asphalt Pavement [3% SBS] Roads [Placement]" line item. Does not pertain to any line items which pay by the SY.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Asphalt Pavement [3% SBS] - Roads [Placement].

Perform IAW: Section 2550 and Section 1020-1.5.

Go To Line Item # 116 For New Asphalt Pavement / < 10,000 Tons on All Delivery Calls

Go To Line Item # 117 For New Asphalt Pavement / > 25,000 Tons on All Delivery Calls

Line Item #71.

New Asphalt Pavement - Roads / Cold Joint Removal

Scope of Work:

Payment shall be full compensation for wheelcutting, & removing the cold asphalt joints from the newly placed road asphalt pavement, which includes sweeping up the debris, & hauling the removed joint material to the on-base site [Area 12] or an off-base site at the contractor's option. Includes AC-5 and 3% SBS asphalt pavement. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LF of cold joint removed for new road asphalt pavement.

Perform IAW: Section 2550.

Line Item #72.

New Asphalt Leveling Course / [Placement, Compaction, Etc]

Scope of Work:

Payment shall be full compensation for providing the new asphalt leveling course on existing asphalt pavement, which includes: the surface preparation of the existing asphalt pavement, the tack coat application, and the hauling, the placing, and the compacting of the new AC-5 asphalt pavement to provide a level surface for a new asphalt overlay. Processing of the asphalt aggregate is a separate line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of asphalt leveling course.

Perform IAW: Section 2100.

Line Item #73.

New Asphalt Transitions / [Placement, Compaction, Etc]

Scope of Work:

Payment shall be full compensation for providing the new asphalt transitions, which includes: the new prime and tack coats; and the hauling, the placing, and the compacting of the new AC-5 or 3% SBS pavement. Processing of the asphalt aggregate is a separate line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of asphalt transitions.

Perform IAW: Section 2100.

Line Item #74.

Reclaimed Asphalt Cement (Government Furnished) - Roads [Placement/Compaction/Etc.]

Scope of Work:

Payment shall be full compensation for the new asphalt pavement using the reclaimed asphalt cement, which includes the tack coat application, and the mixing, scaling, hauling, placing, and compacting of the new asphalt to meet road criteria. Work also includes: the filtering and processing of the Government furnished reclaimed asphalt cement in 55 gallon barrels into a useable base asphalt cement. Processing of the asphalt aggregate is a separate line item. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

TONS of asphalt pavement placed using the reclaimed asphalt.

Perform IAW: Section 2550 and 1020-8.

Concrete Curb & Gutter and Sidewalks:

Remove Concrete Curb and Gutter:

Line Item #75.

Remove Existing Concrete Curbs and Gutters [Isolated]

Scope of Work:

Payment shall be full compensation for removing the existing concrete curbs and gutters, which includes: hauling the concrete rubble to the on-base site [Area 9] or an off-base site at the contractor's option. Includes all applicable surveying, and contractors quality control. The curbs and gutters are isolated at varying lengths from 20 LF to 300 LF and are not part of an entire street replacement. Providing new curbs, new subbase, new topsoil, new hydroseeding, and removing unsuitable soil and asphalt pavement are separate line items.

Unit of Measurement:

Per LF of removed curb and gutter.

Perform IAW: Section 2510.

Line Item #76.

Remove Existing Concrete Curbs and Gutters [Continuous]

Scope of Work:

Payment shall be full compensation for removing the existing concrete curbs and gutters, which includes: hauling the concrete rubble to the on-base site [Area 9] or an off-base site at the contractor's option. Includes all applicable surveying, and contractors quality control. The curbs and gutters are continuous in length as part of an entire street replacement for either one side or both sides of the street. Providing new curbs, new subbase, topsoil, hydroseeding, and removing unsuitable soil and asphalt pavement are separate line items.

Unit of Measurement:

Per LF of removed curb and gutter.

Perform IAW: Section 2510.

New Concrete Curb and Gutter:

Line Item #77.

New Concrete Curbs and Gutters [Isolated or Hand Formed]

Scope of Work:

Payment shall be full compensation for providing new concrete curbs and gutters, which includes: existing subbase/subgrade preparation, and surveying the new finish grades for the new curbs and gutters. Includes all applicable testing, surveying, and contractors quality control. The curbs and gutters are isolated at varying lengths from approximately 20 LF to 300 LF. This also includes radius work, valley gutters and other primarily handworked areas as part of an entire street replacement (as defined on the call). Providing new subbase, new topsoil, new hydroseeding, and removing unsuitable soil are separate line items.

Unit of Measurement:

Per LF of New Curb and Gutter [HandFormed].

Perform IAW: Section 2510 and Contract Drawings.

Line Item #78.**New Concrete Curbs and Gutters [Continuous or Curb Machine Formed]****Scope of Work:**

Payment shall be full compensation for providing new concrete curbs and gutters, which includes: existing subbase/subgrade preparation, and surveying the new finish grades for the new curbs and gutters. The curbs and gutters are continuous in length for both sides of the street placed by the curb forming machine. "Continuous" is defined as the entire length of curb & gutter on an entire street replacement (as defined on the call), which includes interruptions by driveways. For example, for a street length of 2,000 LF, approximately 3,600 LF of "new curb & gutter [curb machine]" and approximately 400 LF of "new curb & gutter [handformed]" will be placed. Includes all applicable testing, surveying, and contractors quality control. Providing removal of curbs, new subbase, topsoil, hydroseeding, and removing unsuitable soil are separate line items.

Unit of Measurement:

Per LF of New Curb and Gutter [Curb Machine].

Perform IAW: Section 2510 and Contract Drawings.

Line Item #79.**New Curbs & Gutters / Less than 3,600 LF on Individual Delivery Calls****Scope of Work:**

Payment shall be a unit price increase, decrease, or no change for any individual delivery call when the actual quantities of new concrete curb and gutter placed are continuous and less than 3,600 LF for both sides of the street. For example, for a street length of 2,000 LF, approximately 3,600 LF of "new curb & gutter [Curb Machine]" and approximately 400 LF of "new curb & gutter [Hand Formed]" will be placed. This line item is used with the "New Concrete Curbs and Gutters [Curb Machine]" line item. This cost adjustment is applied to the unit price of the "New Concrete Curbs and Gutters [Curb Machine]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per LF of New Curb and Gutters [Curb Machine].

Remove Concrete Sidewalks:**Line Item #80.****Remove Existing Concrete Sidewalks [Isolated]****Scope of Work:**

Payment shall be full compensation for removing the existing concrete sidewalks, which includes: hauling the concrete rubble to the on-base site [Area 9] or an off-base site at the contractor's option. The sidewalks are isolated at varying lengths from 10 SY to 50 SY. Includes all applicable surveying and contractors quality control. Providing new sidewalks, new classified fill/backfill, new topsoil, new hydroseeding, and removing unsuitable soil are separate line items.

Unit of Measurement:

Per SY of removed concrete sidewalk.

Perform IAW: Section 2510.

Line Item #81.

Remove Existing Concrete Sidewalks [Continuous]

Scope of Work:

Payment shall be full compensation for removing the existing concrete sidewalks, which includes: hauling the concrete rubble to the on-base site [Area 9] or an off-base site at the contractor's option. The sidewalks are continuous in length as part of an entire street replacement (as defined on the call) for either one side or for both sides of the street. Includes all applicable surveying and contractors quality control. Providing new sidewalks, new classified material, new topsoil, new hydroseeding, & removing unsuitable soil are separate line items.

Unit of Measurement:

Per SY of removed concrete sidewalk.

Perform IAW: Section 2510.

New Concrete Sidewalks:

Line Item #82.

New Concrete Sidewalks [Isolated]

Scope of Work:

Payment shall be full compensation for providing new concrete sidewalks with welded wire mesh which includes: existing subbase/subgrade preparation, and surveying the new finish grades for the new sidewalks. The sidewalks are isolated at varying lengths from 10 SY to 50 SY. This also includes sidewalks from the street to the housing units as part of an entire street replacement (as defined on the call). Includes all applicable testing, surveying, and contractors quality control. The government has the option of fiberglass reinforced concrete in lieu of welded wire fabric. Providing removal of existing sidewalks, new classified fill/backfill, new topsoil, new hydroseeding, and removing unsuitable soil are separate line items.

Unit of Measurement:

Per SY of New Concrete Sidewalk.

Perform IAW: Section 2510 and Contract Drawings.

Line Item #83.

New Concrete Sidewalks [Continuous]

Scope of Work:

Payment shall be full compensation for providing new 5' to 8' wide concrete sidewalks with welded wire mesh, which includes: existing subbase/subgrade preparation, and surveying the new finish grades for the new sidewalks. The sidewalks are continuous in length and are greater than 2,000 SY for both sides of the street. "Continuous" is defined as the entire length of sidewalks on an entire street replacement (as defined on the call), which includes interruptions by driveways. Includes all applicable testing, surveying, and contractors quality control. The government has the option of fiberglass reinforced concrete in lieu of welded wire fabric. Providing removal of existing sidewalks, new classified material, new topsoil, new hydroseeding, & removing unsuitable soil are separate line items.

Unit of Measurement:

Per SY of New Concrete Sidewalk.

Perform IAW: Section 2510 and Contract Drawings.

Line Item #84.

New Concrete Sidewalks / Less than 2,000 SY on Individual Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for any individual delivery order when the actual quantities of new concrete sidewalks placed are continuous and less than 2,000 SY for both sides of the street. This line item is used with the "New Concrete Sidewalks [Continuous]" line item. This cost adjustment is applied to the unit price of the "New Concrete Sidewalks [Continuous]" line item.

Unit of Measurement:

Unit price increase, decrease, or no change per SY of New Concrete Sidewalks.

Perform IAW: Section 2510.

Miscellaneous Road Related Work:

Line Item #85.

Adjust Pavement Structures

Scope of Work:

Payment shall be full compensation for all adjustments, such as ring extensions to the existing pavement structures, which includes manholes, valve boxes, monument cases, catch basins, etc., to match the new finish grade of the new asphalt pavement.

Unit of Measurement:

EA of pavement structures.

Perform IAW: Section 2100.

Line Item #86.

Replace Existing Manhole Covers and Rings

Scope of Work:

Payment shall be full compensation for removing the existing metal manhole covers and rings and replacing with new manhole covers and rings. Typically applies to existing manholes at catch basins and in the roads. Install the new manhole cover and ring flush with the adjacent pavement surface.

Unit of Measurement:

EA of manhole covers with rings.

Perform IAW: Section 2100.

Line Item #87.

Repair Catch Basins

Scope of Work:

Payment shall be full compensation for the repair of existing catch basins, which requires sawcutting the existing concrete 12" back from the front and then placing approximately 2 CF of new high strength concrete for patching to re-shape damaged areas. Work includes: providing a new metal protector plate [1/8" thick galv] of the same size as existing, removing the existing concrete gutter in front and replacing it with new concrete gutter to match adjacent curb and gutter, placing new expansion joint filler between gutter joints, and cleaning out the debris at the bottom of the catch basin. Dispose of removed material in an approved off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

EA of repaired catch basins.

Line Item #88.

Remove Curb Opening Catch Basins [8' to 10' Deep]

Scope of Work:

Payment shall be full compensation for the removal of the existing catch basin and approximately 10' of existing piping on each side, and all other associated demolition work. Dispose of removed soils and removed concrete in the on-base site [Area 9] and dispose of the removed piping and removed debris in an off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

EA of removed catch basins.

Line Item #89.

New Curb Opening Catch Basins [8' to 10' Deep]

Scope of Work:

Payment shall be full compensation for providing the new catch basin, all associated excavation, backfilling and compaction, connecting the new storm drain pipes to new catch basin and to the existing drain pipes, and all other associated work. The depth shall match the depth of the existing catch basin being removed or the existing drain pipe invert. Provide new precast concrete catch basin manholes with curb opening. Includes contractor's quality control and applicable testing.

Unit of Measurement:

EA of new catch basins.

Perform IAW:

MOA Standard Specs 1994, Section 55.04 "Catch Basin Manholes".

Line Item #90.

Replace RR Crossing Mats

Scope of Work:

Payment shall be full compensation for the removal of the existing asphalt pavement mat with associated base course, railroad wood ties, and steel rails; and replacing with new 3" asphalt pavement mat with associated 4" new base course (extends to 10' beyond the rails on both sides), new pressure treated railroad wood ties spaced at 18" on center, new 90 pound steel rails, 70 pound steel mud rails & all associated connectors and hardware. Dispose of in an approved off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

Per LF of railroad crossing.

Perform IAW:

AK Railroad criteria.

Line Item #91.

Replace Guard Rails

Scope of Work:

Payment shall be full compensation for removing existing W-beam metal guardrails & end sections; & replacing with new metal W-beam guardrails, new buffer end sections & new guardrail reflector assemblies. Dispose of old guardrail in an approved off-base disposal site. New guardrails shall conform to AASHTO M 180, Class A, Type II. Existing guardrail posts to remain. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LF of replaced single-faced guardrails.
Perform IAW: AK DOT Highway Specs 1988, Section 606 & Section 710.

Line Item #92.

New 4" Topsoil

Scope of Work:

Payment shall be full compensation for providing 4" of approved topsoil. Typically used in association with curb and gutter work, sidewalk work, and driveway work. Includes contractor's quality control and applicable testing. Processing of new topsoil can occur on-base with off-base soils or on-base soils.

Unit of Measurement:

MSF (Thousand Sq Ft) of 4" Topsoil.

Perform IAW:

Section 2936.

Line Item #93.

New Hydroseeding

Scope of Work:

Payment shall be full compensation for hydroseeding areas typically along the shoulders of roads with no curbs and gutters and on areas between sidewalks and curbs and gutters not covered under other bid items. Includes contractor's quality control and applicable testing.

Unit of Measurement:

MSF (Thousand sq ft) of Hydroseeded areas.

Perform IAW: Section 2936.

Line Item #94.

New Pavement Markings for Roads

Scope of Work:

Payment shall be full compensation for all paint striping on the roads, which includes surface preparation prior to painting, and the placing of traffic cones to keep traffic off the painted lines. Includes contractor's quality control, surveying, and applicable testing.

Unit of Measurement:

LF of 4" wide paint striping for roads.

Perform IAW: Section 2595.

Work Items for Repairing Asphalt Pavements:

Line Item #95.

Asphalt Crack Sealing [Routing]

Scope of Work:

Payment shall be full compensation for routing, cleaning, and sealing cracks in asphalt pavement on roads, which includes clean-up. Dispose of removed material in an approved off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LF of asphalt crack sealing.

Perform IAW: Section 2530.

Line Item #96.

Asphalt Crack Sealing [No routing]

Scope of Work:

Payment shall be full compensation for cleaning, and sealing cracks in asphalt pavement on roads, which includes clean-up, and transporting the debris to the off-base disposal site. Includes contractor's quality control and applicable testing.

Unit of Measurement:

LBS of asphalt crack sealant placed.

Perform IAW:

Section 2530.

Line Item #97.

UPM Cold Patch Repair

Scope of Work:

Payment shall be full compensation for providing UPM Cold patch or approved equal to permanently repair asphalt areas on the airfield and on roads. Provide manufacturer's installation requirements and technical data. Includes contractor's quality control and applicable testing.

Unit of Measurement:

SF of UPM cold patch repair.

Perform IAW:

Section 2550.

Line Item #98.

Patching/Pothole Repairs

Scope of Work:

Payment shall be full compensation for patching/pothole repairs, which includes: sawcutting, excavation, hauling to an approved off-base location, subbase preparation, placing and compacting new base course, placing of prime and tack coats, and placing and compacting new AC-5 asphalt pavement. Includes contractor's quality control and applicable testing.

Unit of Measurement:

SY of patching/pothole repairs.

Perform IAW: Section 2100 and Contract Drawings.

Line Item #99.

Minor Asphalt Repairs

Scope of Work:

Payment shall be full compensation for minor asphalt repairs, which includes; sawcutting, excavation, hauling to an approved off-base location, subbase preparation, placing and compacting new base course, placing of prime and tack coats, and placing and compacting new AC-5 asphalt pavement. Includes contractor's quality control and applicable testing.

Unit of Measurement:

SY of minor asphalt repairs.

Perform IAW:

Section 2100 and Contract Drawings.

New Work Items for Paving:

Line Item #100.

New Bike Trails

Scope of Work:

Payment shall be full compensation for providing new bike trails, new golf cart paths, and the like. Work includes the following: removing 18" of unsuitable soil and disposing of in an approved on-base disposal site, subgrade preparation, providing new 12" subbase, new 4" base course, and new 2" AC-5 asphalt pavement. Path is typically 8' wide for new asphalt and 10' wide for new base course. Level berms caused by excavation. Provide 1' wide x 2" thick subbase shoulders on each side that match the top of new asphalt finish grade. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

SY of new bike paths/golf cart paths.

Perform IAW:

Sections 2225, 2235 and 2550.

Line Item #101.

New Parking Lots [Small]

Scope of Work:

Payment shall be full compensation for providing new parking lots. Work includes the following: removing 24" of unsuitable soil and disposing of in an approved on-base disposal site, subgrade preparation, providing new 16" subbase, new 6" base course, and new 2" AC-5 asphalt pavement. Size varies from 1,000 SY to 2,500 SY. Provide 5' wide x 6" thick subbase shoulders on all sides that match the top of new asphalt finish grade. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

SY of new parking lots.

Perform IAW:

Sections 2235 and 2550.

Line Item #102.**New Parking Lots [Medium]****Scope of Work:**

Payment shall be full compensation for providing new parking lots. Work includes the following: removing 24" of unsuitable soil and disposing of in an approved on-base disposal site, subgrade preparation, providing new 16" subbase, new 6" base course, and new 2" AC-5 asphalt pavement. Size varies from 2,500 SY to 5,000 SY, with over 5,000 SY being paid as separate line items for Roads. Provide 5' wide x 6" thick subbase shoulders on all sides that match the top of new asphalt finish grade. The independent quality control, field surveying, and field/lab testing are separate line items.

Unit of Measurement:

SY of new parking lots.

Perform IAW:

Sections 2235 and 2550.

Line Item #103.**New Handicap/Bike Access Ramps****Scope of Work:**

Payment shall be full compensation for providing new 5" thick concrete handicap/bike access ramps with approximately 24 LF of transition curb, 4 LF of full curb each side, and 150 SF of sidewalk (5" minimum thickness). Included in this line item is the compaction of the existing subgrade, contractor's quality control, survey, and applicable testing. The government has the option of fiberglass reinforced concrete in lieu of welded wire fabric. Providing new classified material, new topsoil, new hydroseeding, removing unsuitable soil & existing concrete are separate line items.

Unit of Measurement:

EA of New Access ramps.

Perform IAW:

MOA Building Code, Detail 30-3, and Section 2510.

Line Item #104.**New Concrete Driveways****Scope of Work:**

Payment shall be full compensation for removing either the existing asphalt driveway or the existing concrete driveway and replacing with new 5" concrete driveway (actual concrete thickness). This work occurs primarily in military family housing areas. Concrete shall be disposed of at the on-base site [Area 9] or an off-base site at the contractor's option. Included in this line item is the compaction of the existing subbase, contractor's quality control, survey, and applicable testing. The government has the option of fiberglass reinforced concrete in lieu of welded wire fabric. Providing new classified material, new topsoil, new hydroseeding, & removing unsuitable soil are separate line items.

Unit of Measurement:

SY of new concrete driveways.

Perform IAW: Section 2510.**Line Item #105.**

New 4" Diameter Conduit**Scope of Work:**

Payment shall be full compensation for providing new 4" diameter conduit. Conduit shall be non-metallic, schedule 40 split duct or approved equal. Standard length of conduit is 10'. Includes installation of the new conduit around existing communications cables, also includes contractor's quality control and surveying. Excavation and backfilling are separate line items.

Unit of Measurement:

LF of new 4" diameter conduit.

Line Item #106.**New 12" Diameter Culvert****Scope of Work:**

Payment shall be full compensation for providing new 8" or 12" diameter corrugated culvert with end sections on both ends. Culvert shall be either galvanized steel 16 gauge (minimum) corrugated metal pipe or corrugated HDPE pipe. Typical length is 30'. Includes contractor's quality control, surveying, and applicable testing.

Unit of Measurement:

LF of new 12" diameter culvert with end sections.

Perform IAW:

Alaska Standard Specifications for Highway Construction 1988 – Section 603 "Culverts".

Line Item #107.**New 24" Diameter Culvert****Scope of Work:**

Payment shall be full compensation for providing new 24" diameter corrugated culvert with end sections on both ends. Culvert shall be either galvanized steel 16 gauge (minimum) corrugated metal pipe or corrugated HDPE pipe. Typical length is 30'. Includes contractor's quality control, surveying and applicable testing.

Unit of Measurement:

LF of new 24" diameter culvert with end sections.

Perform IAW:

Alaska Standard Specifications for Highway Construction 1988 – Section 603 "Culverts".

Line Item #108.**New Thaw Pipe in Culvert****Scope of Work:**

Payment shall be full compensation for providing new 1" diameter galvanized steel pipe filled with anti-freeze to be used for steam thawing in new culverts. Includes contractor's quality control, surveying, and applicable testing.

Unit of Measurement:

LF of new 1/2" diameter galvanized steel pipe in place.

Perform IAW:

Munic of Anchorage Standard Specifications for Streets 1994 – Detail 55-25, "Culvert Thaw Pipe".

Line Item #109.

New EPS Insulation Board

19.20

Scope of Work:

Payment shall be full compensation for providing new EPS insulation board. Provide 4'x8'x2" sheets with 40 psi compressive strength rating and water absorption limited to 0.30% by volume. Provide 40 psi Insulfoam II or approved equal. Install per manufacturer's recommendations. Includes contractor's quality control and applicable testing.

Unit of Measurement:

BF (Board foot=1'x1'x1") of new EPS Insulation Board.

Hauling, RAP, Flagging:

Line Item #110.

Asphalt Crushing

Scope of Work:

Payment shall be full compensation for crushing on-base asphalt rubble to meet 1" minus gradation. The contractor will have to crush at the location of the asphalt rubble pile [Area 10]. Includes the stockpiling of the crushed asphalt at the site and the survey to determine quantities crushed. Use conversion factor of 1.0 CY stockpiled = 1.6 tons stockpiled.

Unit of Measurement:

Per TON of Crushed Asphalt as measured in the stockpile.

Perform IAW:

Section 2235 for Crushed Asphalt requirement.

Line Item #111.

Recycled Asphalt Pavement / Placement, Etc.

Scope of Work:

Payment shall be full compensation for the completed recycled asphalt pavement utilizing crushed asphalt pavement. Work includes: the loading, scaling, hauling, placing, leveling, grading, and compacting of the recycled asphalt as asphalt pavement to meet the recycled asphalt pavement specifications. Place with belly dumps in 2" lifts followed by the spraying of CSS-1 at 0.10 Gallons per SY per lift. Crushing the asphalt rubble for recycled asphalt pavement is a separate line item, "Asphalt Crushing".

Unit of Measurement:

TONS of placed recycled asphalt paving.

Perform IAW:

Sections 2235 and 2560.

Line Item #112.

Flagging Operation

Scope of Work:

Payment shall be full compensation for performing the flagging operation, which includes but not limited to, flagpersons, radios, flags, and all other flagging equipment items. Traffic control devices, such as traffic cones, and construction signs are not included in this line item.

Unit of Measurement:

Number of MAN-HOURS of flagging.

Line Item #113.

Haul Reject to the On-base Landfill

Scope of Work:

Payment shall be full compensation for the loading, scaling, hauling, and dumping of the reject (from the crushing operation) from the on-base borrow pit [Area #12] to the Landfill Closure Site [Area #10]. Haul the reject to the landfill either on a daily or weekly basis. One way hauling distance is used.

Unit of Measurement:

TONS of reject hauled to on-base Landfill Closure site.

Line Item #114.

Hauling Material

Scope of Work:

Payment shall be full compensation for the loading, scaling, hauling, and dumping of the material from one location to another. Typically, but not limited to, the movement of materials will involve the on-base borrow pits, the on-base landfill closure site, or the gravel stockpile [Area #13]. Material includes the reject material, the overburden material, and any other borrow pit material. One way hauling distance is used. Use field survey to compute volumes before and after removal or use weigh scales. Conversion factor for tons is 1.5 tons/bank cy.

Unit of Measurement:

Per TON-MILE of hauling.

Line Item #115.

Slope Reclamation Using Reject Material

Scope of Work:

Payment shall be full compensation for the loading, scaling, hauling, dumping, and placing of the reject (from the crushing operation) or other soils from the on-base borrow pit [Area #12] to the on-base reclamation sites [Area #11] or the on-base Munitions area [Area #9]. Place the reject in lifts with a dozer. Coordinate with the project engineer. One way hauling distance is used.

Unit of Measurement:

TONS of reject hauled.

New Asphalt Pavement ADJ [Airflds & Rds][AC-5 & 3% SBS] / All Delivery Calls:

Line Item #116.

New Asphalt Pavement – Airfields & Roads [AC-5 & 3% SBS] / < 10,000 Tons on All Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change when the sum total of actual quantities of new asphalt pavement placed on all delivery calls for each contract year is less than 10,000 tons. This cost adjustment is applied to the unit price of line items: "New Asphalt Pavement [AC-5] Airfield [Processing]", "New Asphalt Pavement [3% SBS] Airfield [Processing]", "New Asphalt Pavement [AC-5] Roads [Processing]", and "New Asphalt Pavement [3% SBS] Roads [Processing]", whichever is on the delivery calls.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Asphalt Pavement [Processing].

Line Item #117.

New Asphalt Pavement – Airfields & Roads [AC-5 & 3% SBS] / > 25,000 Tons on All Delivery Calls

Scope of Work:

Payment shall be a unit price increase, decrease, or no change for the sum total of actual quantities of new Asphalt pavement placed on all delivery calls for each contract year over 25,000 tons. This cost adjustment is applied to the unit price of line items: "New Asphalt Pavement [AC-5] Airfield [Processing]", "New Asphalt Pavement [3% SBS] Airfield [Processing]", "New Asphalt Pavement [AC-5] Roads [Processing]", and "New Asphalt Pavement [3% SBS] Roads [Processing]", whichever is on the delivery calls.

Unit of Measurement:

Unit price increase, decrease, or no change per TON of New Asphalt Pavement [Processing].

Testing / Quality Control / Surveying / Bonding Work Items:

Line Item #118.

Asphalt Cores

Scope of Work:

Payment shall be full compensation for providing 4" or 6" diameter cores on asphalt pavement in areas designated by the project engineer. This line item is not for cores required for testing of the new asphalt pavement. Asphalt pavement may be up to 8" thick.

Unit of Measurement:

EA of asphalt cores.

Line Item #119.

Concrete Cores

Scope of Work:

Payment shall be full compensation for providing 3" or 4" diameter cores on concrete pavement in areas designated by the project engineer. This line item is not for cores required for testing of the new concrete pavement. Concrete pavement may be up to 16" thick with reinforcement.

Unit of Measurement:

EA of concrete cores.

Line Item #120.

Construction Surveying

Scope of Work:

Payment shall be full compensation for performing the construction surveying required to place the new subbase, the new base course, new asphalt pavement and new concrete pavement, not already covered under the other line items. See 1020-1.7.1. Includes but not limited to, surveyors, survey equipment, transportation, and supplies.

Unit of Measurement:

By the HOUR for a two person survey party.

Line Item #121.

As-Built Survey on CAD

Scope of Work:

Payment shall be full compensation for providing the pavement as-built survey of the completed pavement work on CAD, which includes the actual pavement dimensions and elevations, pavement cross-sections showing thicknesses, location and size of all manholes and catch basins, etc. Provide the pavement as-built survey on reproducible mylar and on a 3.5" diskette in Autocad version 14. The field survey for the as-built survey is covered under the line item for "construction surveying".

Unit of Measurement:

By the HOUR for a one person CAD technician.

Line Item #122.**Independent Quality Control [IQC] for the Base Course / Subbase****Scope of Work:**

Payment shall be full compensation for the performing the independent quality control function, which includes, but not limited to, the IQC equipment and the IQC person. Applies to the line items: "New Airfield Base Course", "New D-1 Base Course", "New Subbase", "New Classified Material", "Re-Use Existing Base as Subbase", "Surface Preparation of Existing Base Course", and "Surface Preparation of Existing Subbase/Subgrade".

Unit of Measurement:

Number of LOTS.

Perform IAW:

Sections 2225, 2230 and 2235.

Line Item #123.**Independent Quality Control [IQC] for the Asphalt Pavement****Scope of Work:**

Payment shall be full compensation for the performing the independent quality control function, which includes, but not limited to, the IQC equipment and the IQC person. Applies to the line items: "New Airfield Asphalt Pavement (AC-5)", "New Airfield Asphalt Pavement (3% SBS)", "New Road Asphalt Pavement (AC-5)", and "New Road Asphalt Pavement (3% SBS)".

Unit of Measurement:

Number of SUBLOTS.

Perform IAW:

Sections 2550.

Line Item #124.**Independent Quality Control [IQC] for the Concrete Pavement****Scope of Work:**

Payment shall be full compensation for the performing the independent quality control function, which includes, but not limited to, the IQC equipment and the IQC person. Applies to the line items: "New Concrete Slabs (Isolated)", "New Concrete Slabs (Continuous)", & "New Concrete Overlays".

Unit of Measurement:

Number of LOTS.

Perform IAW: Section 2515.**Line Item #125.****Base Course / Subbase Testing****Scope of Work:**

Payment shall be full compensation for performing the testing function, which includes, but not limited to, the testing equipment, the testing lab, and the testing personnel. Applies to new base course, new subbase, and new classified material for roads and airfields for the line items: "New Airfield Base Course", "New D-1 Base Course", "New Subbase", "New Classified Material", "Re-Use Existing Base as Subbase", "Surface Preparation of Existing Base Course", and "Surface Preparation of Existing Subbase/Subgrade". All testing shall be performed under the supervision of the independent quality control.

Unit of Measurement:

Number of LOTS.

Perform IAW: Sections 2230 and 2235.

Line Item #126.

Asphalt Pavement Testing

Scope of Work:

Payment shall be full compensation for performing the testing function, which includes, but not limited to, the testing equipment, the testing lab, and the testing personnel. Applies to new asphalt pavement for roads and airfields for the line items: "New Airfield Asphalt Pavement (AC-5)", "New Airfield Asphalt Pavement (3% SBS)", "New Road Asphalt Pavement (AC-5)", and "New Road Asphalt Pavement (3% SBS)". All testing shall be performed under the supervision of the IQC.

Unit of Measurement:

Number of SUBLOTS.

Perform IAW:

Sections 2550.

Line Item #127.

Concrete Pavement Testing

Scope of Work:

Payment shall be full compensation for performing the testing function, which includes, but not limited to, the testing equipment, the testing lab, and the testing personnel. Applies to the line items: "New Concrete Slabs (Isolated)", "New Concrete Slabs (Continuous)", and "New Concrete Overlays". All testing shall be performed under the supervision of the IQC.

Unit of Measurement:

Number of LOTS.

Perform IAW:

Section 2515.

Line Item #128.

Bonding Premium

Scope of Work:

Payment shall be full compensation for the required bonding premium payment to the bonding company. Payment for bonding premium will occur on issued delivery calls. Bonding premium percentage will be determined and applied to issued delivery calls [as a minimum].

Unit of Measurement:

Lump Sum for Bond Premium.

Perform IAW:

Section 1020-1.7.4.

Fuel Contaminated Soil Work Items:

Line Item #129.

Test Fuel Contaminated Soil

Scope of Work:

Payment shall be full compensation for the testing of fuel contaminated soils. Contractor shall have an independent test lab test the suspected contaminated soils for the presence of POL contaminants.

Unit of Measurement:

EA of fuel contaminated soil tests.

Perform IAW:

Section 1020-11, ADEC and EPA requirements.

Line Item #130.

Remediate Fuel Contaminated Soil

Scope of Work:

Payment shall be full compensation for the remediation of fuel contaminated soils. Contractor shall excavate, load, and haul the fuel contaminated soils to an approved off-base thermal treatment facility. After treatment, return the remediated soils back to the on-base borrow pit.

Unit of Measurement:

TONS of remediated fuel contaminated soils.

Perform IAW:

Section 1020-11, ADEC and EPA regulations.

Line Item #131.

Haul Fuel Contaminated Soil to On-Base Site

Scope of Work:

Payment shall be full compensation for the loading, hauling, scaling, and placing of the fuel contaminated soil from the job site to the on-base fuel cells [Area 10].

Unit of Measurement:

TONS of placed fuel contaminated soils.

Perform IAW:

Section 1020-11, ADEC and EPA regulations.

Traffic Light Control Devices:

Line Item #132.

Mast/Arm/Post Assembly

Scope of Work:

Payment shall be full compensation for providing the Mast/Arm/Post assembly. Work includes: excavation for foundation, new concrete foundation, and installation of the Mast/Arm/Post.

Unit of Measurement:

EACH Mast/Arm/Post assembly.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #133.

Extension Pole for Street Light

Scope of Work:

Payment shall be full compensation for providing an extension to the Mast/Arm/Post assembly for one street light with photoelectric cell. Work includes all hardware, and wiring required to complete the system. The mast/arm/post assembly is covered under a separate line item.

Unit of Measurement:

EACH Extension Pole with Street Light.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #134.

Traffic Signal Head & Hardware (Type I)

Scope of Work:

Payment shall be full compensation for providing the Traffic Signal Head & Hardware. Work includes any assembly required, installing the traffic head on the pole, and all wiring. See contract drawings for Type I configuration.

Unit of Measurement:

EACH of Traffic Signal Head & Hardware [Type I].

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #135.

Traffic Signal Head & Hardware (Type II)

Scope of Work:

Payment shall be full compensation for providing Traffic Signal Head & Hardware. Work includes any assembly required, installing the traffic head on the pole, and all wiring. See contract drawings for Type II configuration.

Unit of Measurement:

EACH of Traffic Signal Head & Hardware [Type II].

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #136.

Traffic Signal Head & Hardware (Type III)

Scope of Work:

Payment shall be full compensation for providing Traffic Signal Head & Hardware. Work includes any assembly required, installing the traffic head on the pole, and all wiring. See contract drawings for Type III configuration.

Unit of Measurement:

EACH of Traffic Signal Head & Hardware [Type III].

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #137.

Traffic Signal Head & Hardware (Type IV)

Scope of Work:

Payment shall be full compensation for providing the Traffic Signal Head & Hardware. Work includes any assembly required, installing the traffic head on the pole, and all wiring. See contract drawings for Type IV configuration.

Unit of Measurement:

EACH of Traffic Signal Head & Hardware [Type IV].

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #138.

Pedestrian Signals, Pedestrian Push Buttons & Signs

Scope of Work:

Payment shall be full compensation for providing Pedestrian Signals System to include signals, push buttons, and signs. Two 16" neon pedestrian signal heads on each pole. Two pedestrian push buttons and signs on each pole, and Two R9-5 bicycle sign on each pole. Work includes all hardware, assembly and wiring to provide a complete system.

Unit of Measurement:

EACH SYSTEM [Complete] per Pole.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #139.

Traffic Signal Controller System (Intersection Style I)

Scope of Work:

Payment shall be full compensation for providing a complete Traffic Signal Controller System. Included is: [1] Traffic Signal Controller and Cabinet, with all necessary conduits, wiring, and accessories to control vehicle and pedestrian heads, [2] all trenching/backfilling/compacting for the new conduits, and [3] all traffic programming. See contract drawings for Style I configuration.

Unit of Measurement:

EACH SYSTEM [Complete] of Traffic Signal Controller System for Intersection Style I.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

CORRECTION

**THE FOLLOWING DOCUMENT(S)
HAVE BEEN REFILMED TO
ASSURE LEGIBILITY OR PAGINATION**



Rev. 6/98

Central Microfilm Services
Department of Education & Early Development
State of Alaska

Line Item #136.

Traffic Signal Head & Hardware (Type III)

Scope of Work:

Payment shall be full compensation for providing Traffic Signal Head & Hardware. Work includes any assembly required, installing the traffic head on the pole, and all wiring. See contract drawings for Type III configuration.

Unit of Measurement:

EACH of Traffic Signal Head & Hardware [Type III].

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #137.

Traffic Signal Head & Hardware (Type IV)

Scope of Work:

Payment shall be full compensation for providing the Traffic Signal Head & Hardware. Work includes any assembly required, installing the traffic head on the pole, and all wiring. See contract drawings for Type IV configuration.

Unit of Measurement:

EACH of Traffic Signal Head & Hardware [Type IV].

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #138.

Pedestrian Signals, Pedestrian Push Buttons & Signs

Scope of Work:

Payment shall be full compensation for providing Pedestrian Signals System to include signals, push buttons, and signs. Two 16" neon pedestrian signal heads on each pole. Two pedestrian push buttons and signs on each pole, and Two R9-5 bicycle sign on each pole. Work includes all hardware, assembly and wiring to provide a complete system.

Unit of Measurement:

EACH SYSTEM [Complete] per Pole.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #139.

Traffic Signal Controller System (Intersection Style I)

Scope of Work:

Payment shall be full compensation for providing a complete Traffic Signal Controller System. Included is: [1] Traffic Signal Controller and Cabinet, with all necessary conduits, wiring, and accessories to control vehicle and pedestrian heads, [2] all trenching/backfilling/compacting for the new conduits, and [3] all traffic programming. See contract drawings for Style I configuration.

Unit of Measurement:

EACH SYSTEM [Complete] of Traffic Signal Controller System for Intersection Style I.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #140.

Traffic Signal Controller System (Intersection Style II)

Scope of Work:

Payment shall be full compensation for providing a complete Traffic Signal Controller System. Included is: [1] Traffic Signal Controller and Cabinet, with all necessary conduits, wiring, and accessories to control vehicle and pedestrian heads, [2] all trenching/backfilling/compacting for the new conduits, and [3] all traffic programming. See contract drawings for Style II configuration.

Unit of Measurement:

EACH SYSTEM [Complete] of Traffic Signal Controller System for Intersection Style II.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #141.

Traffic Signal Controller System (Intersection Style III)

Scope of Work:

Payment shall be full compensation for providing a complete Traffic Signal Controller System. Included is: [1] Traffic Signal Controller and Cabinet, with all necessary conduits, wiring, and accessories to control vehicle and pedestrian heads, [2] all trenching/backfilling/compacting for the new conduits, and [3] all traffic programming. See contract drawings for Style III configuration.

Unit of Measurement:

EACH SYSTEM [Complete] of Traffic Signal Controller System for Intersection Style III.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #142.

Traffic Sensor Loops System

Scope of Work:

Payment shall be full compensation for providing Traffic Sensor Loops System. Work includes all conduits, wire, accessories, and sensor loop detector required to control the new traffic lights. Sensor loops shall be installed in 1" diameter schedule 80 PVC. Each system includes eight (8) 6' x 6' loops, and placed as shown on the drawings. Work includes trenching/backfilling/compacting for the sensor loops system and for the conduit runs to the new J boxes. Includes sand bedding as shown on the drawings.

Unit of Measurement:

EACH SYSTEM [Complete] per Pole location.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #143.

Secondary Power Service

Scope of Work:

Payment shall be full compensation for providing a complete secondary power system for the new Traffic lights system. Work includes providing a 10 KVA 7200-120/240 V pole mounted transformer with contacts, arrestors and connections, 2" rigid steel secondary riser, and 2" PVC conduit with 3 #2/0 aluminum XHHW wire. Trench/backfill/compact approximately 200 LF to provide power to the controller system. Provide 6" sand bedding. Provide secondary power service per 99NEC code.

Unit of Measurement:

Lump Sum of Complete Secondary Power Service per Intersection.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

Line Item #144.

Directional Traffic Signs

Scope of Work:

Payment shall be full compensation for providing the Directional traffic signs. Signs shall be per the State of Alaska DOT Sign Design Specifications. Signs required are R9-5, R3-6SR, R3-6SL, R10-13, R3-5R, R3-5L, and R3-S. Work includes placing the signs where shown on the drawings. Providing traffic signs is not limited to work involving traffic control devices.

Unit of Measurement:

EACH Directional Sign.

Perform IAW:

Municipality of Anchorage Division 80 Specifications, Contract Drawings, and 1020-12.1.

TRAFFIC SIGN COMPLETE
20 ea @

Concrete Light Bases, Light Poles, Heater Outlets:

Line Item #145.

Remove Existing Concrete Light Bases [Runway/Taxiway Edge Lights]

Scope of Work:

Payment shall be full compensation for the removal of the existing concrete light bases [for runway or taxiway edge lights] that are not re-used, approximately 10' of existing 4" conduits on each side, remove existing light fixture, and all other associated demolition work. The depth of the existing concrete light base is approximately 4'. Dispose of removed soils and concrete base in the on-base site [Area 9] and dispose of the piping in an off-base disposal site. Removal and replacement of the airfield lighting cable is by others. Includes contractor's quality control and applicable testing.

Unit of Measurement:

EA of removed Concrete Light Bases.

Line Item #146.

New Concrete Light Bases [Runway/Taxiway Edge Lights]

Scope of Work:

Payment shall be full compensation for providing new precast concrete light bases [for runway or taxiway edge lights], all associated excavation, backfilling and compaction, connecting the new 4" PVC electrical conduits to the new concrete light base and to the existing 4" conduit, re-installing the previously removed light fixture, and all other associated work. The depth shall be approximately 4' below the new finished grade of pavement. Match the top of concrete with the new finished grade of pavement. Includes contractor's quality control and applicable testing. Removal and replacement of the airfield lighting cable is by others.

Unit of Measurement:

EA of new Concrete Light Bases.

Perform IAW:

Contract Drawings and 1020-12.

Line Item #147.

Raise/Lower Existing Concrete Light Bases in Place

Scope of Work:

Payment shall be full compensation for the raising or lowering of the existing concrete light bases in place, all associated excavation, backfilling and compaction, disconnecting the existing 4" conduits, connecting the new 4" PVC electrical conduits to the new concrete light base and to the existing 4" conduits, and all other associated work. The depth shall be approximately 4' below the new finished grade of pavement. Match the top of concrete with the new finished grade of pavement. Dispose of removed material in an approved off-base disposal site. Includes contractor's quality control and applicable testing. Removal and replacement of the airfield lighting cable is by others.

Unit of Measurement:

EA of raised or lowered Concrete Light Bases in place.