# EMPLOYEE ORGANIZATION AGREEMENT

between

CITY OF HOLLYWOOD

and

HOLLYWOOD, FLORIDA, CITY EMPLOYEES LOCAL 2432 OF AFSCME, AFL-CIO A.K.A. AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEES Local 2432

October 1, 2013

through

September 30, 2015

### **EMPLOYEE ORGANIZATION AGREEMENT**

THIS AGREEMENT is entered into by and between the City of Hollywood, Florida, hereinafter referred to as the "Employer" or the "City," and the Hollywood, Florida, City Employees, Local 2432, AFSCME, AFL-CIO American Federation of State, County and Municipal Employees (AFL-CIO), hereinafter referred to as the "Union." It is the intent and purposes of this Agreement to assure sound and mutually beneficial working and economic relationships between the parties hereto, to provide an orderly, prompt and peaceful means of resolving any misunderstandings or differences which may arise, and to set forth herein basic and full agreement between the parties concerning the rates of pay, wages, hours of employment, pensions, and other terms and conditions of employment. It is understood that the City of Hollywood is engaged in furnishing essential public services which vitally affect the health, safety, comfort and well-being of the public, and both parties hereto recognize the need for continuous and reliable service to the public.

EMPLOYEE shall mean all persons employed by the CITY who are designated as "included" in the PERC certification #151, any amendment/clarification to that certification and any persons employed by the CITY in new or revised job titles upon which the parties have mutually agreed subsequent to execution of this Collective Bargaining Agreement.

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# **ARTICLE 1 - RECOGNITION**

Sec. 1: The City of Hollywood (hereafter "City" or "Employer") recognizes AFSCME Local 2432, AFL-CIO (hereafter "Union") as the sole and exclusive bargaining agent, with respect to wages, hours, pensions, and other conditions of employment, for all Employees in the bargaining unit, as per PERC Certification #151 granted by the Florida Public Employees Relations Commission, as clarified by UC-2000-19, attached as Appendix " A ", and as may be amended in the future by the appropriate authority of the State of Florida.

Sec. 2: The City shall be represented by the City Manager, or a person or persons designated in writing to the Union by the City Manager. The City Manager shall have the authority to execute an Agreement on behalf of the City upon being directed by an official resolution of the City Commission. It is understood that the City representative or representatives are the official representatives of the City for the purpose of negotiating with the Union and administration of the Collective Bargaining Agreement between the parties. Negotiations entered into with persons other than those as defined herein, regardless of their position or association with the City, shall be deemed unauthorized and shall have no weight of authority in committing or in any way obligating the City.

Sec. 3: The City recognizes and shall deal with the appropriate Union Business Agent, International Representatives and any other Union members and/or attorneys, designated by the Union President, in those matters relating to collective bargaining and administration of the Collective Bargaining Agreement between the parties. Changes of representatives shall be submitted to the City Manager, in writing, by the Union President.

# ARTICLE 2 – ADDITIONAL CLASSIFICATIONS

Sec.1: The parties agree that if additional classifications are created, they shall meet as soon as practicable thereafter to negotiate concerning whether or not these new classifications shall be included in the Bargaining Unit. The City and the Union agree to request a Unit Clarification from P.E.R.C. as soon as practicable thereafter for agreed upon classifications.

Sec. 2: If a position's duties change substantially, which in the opinion of the City convert the position from a bargaining unit position to a position which should be excluded from the Bargaining Unit, the City and the Union agree that the City shall notify the Union of such potential changes and the basis for its opinion. The City and the Union agree to request a Unit Clarification from P.E.R.C. as soon as practicable thereafter for classifications which the parties agree should be included or excluded from the Bargaining Unit.

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# **ARTICLE 3 – DISTRIBUTION OF AGREEMENT**

Sec. 1: The City shall furnish each new employee with a copy of this Agreement which includes an Authorization for Dues Payroll Deduction form (see Appendix C).

# ARTICLE 4 - NON-DISCRIMINATION

- Sec. 1: No employee covered by this Agreement will be discriminated against by the City or the Union with respect to the job benefits or other terms or conditions of employment because of the employee's membership or non-membership in the Union.
- Sec. 2: Both the City and the Union oppose discrimination on the basis of age, race, creed, color, national origin, sex, handicap/disability, marital status, sexual orientation or religion. However, the parties also recognize that the City has established an internal procedure to investigate and resolve alleged cases of discrimination which is in addition to existing and adequate procedures established by Broward County, the State of Florida and the Federal government. Accordingly, it is agreed that allegations of employment discrimination cannot be processed through the contractual grievance/arbitration procedure.

# ARTICLE 5 - MANAGEMENT SECURITY

- Sec. 1: The Employer and the Union recognize the mutually beneficial effects of a harmonious and cooperative relationship between said parties, and agree to comply diligently and fully with the requirements of the Florida Public Employees Relations Act.
- Sec. 2: There will be no strikes, work stoppages, picketing, slowdowns, or other concerted failure or refusal to perform assigned work by the Employees of the Union and there will be no lockouts by the City for the duration of the Agreement. The Union guarantees to support the City fully in maintaining operations in every way.
- Sec. 3: Any Employee who participates in or promotes a strike, work stoppage, picket line, slowdown, or concerted failure or refusal to perform assigned work may be discharged or otherwise disciplined by the City.
- Sec. 4: It is recognized by the parties that the City is responsible for and engaged in activities which are the basis of the health and welfare of our citizens and that any violation of the Article would give a rise to irreparable damage to the City and to the public at large. Accordingly, it is understood and agreed that in the event of any violation of this Article, the City shall be entitled to seek and obtain immediate injunctive relief, provided, however, it is agreed that the Union shall not be responsible for any act alleged to constitute a breach of this Article if the Union did not instigate or support in any manner such action and, further, that the Union has used every reasonable means to prevent or terminate such action.
- Sec. 5: Picketing, as referred to in this Article, shall mean any action by way of demonstrating which may have the effect of preventing or discouraging any Employee from coming to work, or have the effect of preventing or discouraging any supplier or contractor from entering any City premise. No employee shall picket concerning a matter that is subject to the grievance or arbitration procedure.

# **ARTICLE 6 - MANAGEMENT RIGHTS**

Sec. 1: Except as provided in this Agreement, it is the right of the Employer to determine unilaterally the purpose of each of its constituent agencies; set standards of services to be offered to the public, and exercise control and discretion over its organization and operations. It is also the right of the Employer to direct its Employees, take disciplinary action for proper cause, and relieve its Employees from duty because of lack of work or for other legitimate reasons. However, the exercise of such rights shall not preclude Employees or their representatives from raising grievances, should decisions on the above matters have the practical consequence of violating the terms and conditions of this collective bargaining agreement or any civil service regulation.

# **ARTICLE 7 - PAYROLL DEDUCTION OF DUES**

- Sec. 1: On receipt of a lawfully executed written authorization from an employee, the City will deduct from the employee's pay the amount so specified by said employee, but not less than regular dues.
- Sec. 2: The City will remit to the Union Treasurer such sums within fifteen (15) days, together with a list of employees for whom deductions were made.
- Sec. 3: Changes in the Union's membership dues rate shall be certified to the City, in writing, over the signatures of the authorized officer or officers of the Union, at least thirty (30) days in advance of the effective date of such change.
- Sec. 4: The City's remittance shall be deemed correct if the Union does not give a written notice to the City within two (2) calendar weeks after remittance is received of its belief, with reasons stated therefore, that the remittance is incorrect.
- Sec. 5: An employee may revoke, in writing, with thirty (30) days prior notice to the City and the Union, their authorization for dues or other deductions.
- Sec. 6: The Union will indemnify, defend and hold the City harmless against any claims made and against any suit instituted against the City on account of any check-off of Union dues.
- Sec. 7: When an employee has been suspended or discharged and subsequently returned to work, with full or partial back pay, or has been reclassified retroactively, the City shall, in the manner outlined in Section 1 above, deduct the Union membership dues that are due and owing for the period for which the employee receives back pay.
- Sec. 8: The City shall provide the Union, on a quarterly basis, a list of all employees in the Bargaining Unit represented by the Union. This list shall contain the employee's name, telephone number, complete address, department where employed and whether the employee is a member or non-member.

# **ARTICLE 8 - UNION BUSINESS**

- Sec. 1: The Local Union President and/or a representative of the Local Union President shall be allowed time off work with pay to attend any and all meetings held by the City Commission and meetings with the City Administrators that relate to joint City and Union business. On all such occasions the Union President and/or representative shall give notice of any such meeting to their supervisor. Approval shall not be unreasonably withheld by any of their supervisors.
- Sec. 2: The Employer agrees to allow two (2) Union members, designated in writing by the Local President, up to ten (10) days each off without pay each calendar year to attend Union Seminars, Conventions and other Union functions. These days off may not be permitted to accrue from year to year if not used. In order to insure proper coverage of assignments, the Department Head should be notified no later than twenty (20) days prior to the aforementioned events.
- Sec. 3: Up to seven (7) persons designated as part of the Union bargaining team shall be permitted to attend negotiations without loss of pay provided that the negotiation sessions occur during the employee's regular working hours. Additionally, the Union recognizes that the City is engaged in furnishing essential public services vital to the Citizens of Hollywood. Therefore, the Union will make a reasonable attempt not to have more than two (2) members from the same classification in the same work unit as members of the Union negotiating team. However, this does not apply to elected union officials that are members of the team.

# **ARTICLE 9 - UNION STEWARDS**

- Sec. 1: Stewards or Alternate Stewards may investigate and discuss grievances and contract questions or complaints during working hours in their respective areas; provided, however, they first receive permission of the Division Head or, in his absence, his designee. Provided, further, that such permission shall not be unreasonably denied. The Union shall not make an unreasonable number of requests.
- Sec. 2: Chief Stewards may investigate and discuss grievances and contract questions or complaints during working hours at any work location in the City; provided, however, they first receive permission of the division head or in his absence his designee. Provided, further, that such permission shall not be unreasonably denied. The Union shall not make an unreasonable number of requests.
- Sec. 3: A Chief Steward, a Steward or an Alternate Steward may process grievances in accordance with provisions of Article 29 Grievance Procedure. However, only one representative of the Union (Chief Steward, Steward or Alternate Steward) shall be permitted to process a grievance during the Steward's working hours until such grievance reaches step 2/3. When a grievance reaches step 2/3, the Chief Steward and the Steward or the Alternate Steward may participate in grievance processing during the Steward's working hours.

# **ARTICLE 10 - WAGES**

Sec. 1: The Wage schedule contained in Appendix B - Tier A shall apply to all employees hired prior to July 15, 2009.

Sec. 2: The wage schedule effective October 1, 2000 (Appendix B-Tier A) shall contain a differential of  $2\frac{1}{2}$ % between each pay grade. The  $2\frac{1}{2}$ % differential shall be maintained for the duration of this agreement. Each pay grade shall contain a minimum of ten (10) steps with a differential of  $2\frac{1}{2}$ % between each step.

Sec 3: The parties agree to create a second wage schedule that is contained in Appendix B – Tier B, which shall be applicable solely to employees hired on or after July 15, 2009. The wage schedule shall contain a differential of 2 1/2% between each pay grade. The 2 1/2% differential shall be maintained for the duration of the agreement. Each pay grade shall contain 18 steps with a differential of 2 1/2% between each step.

Sec. 4: The wage schedule for bargaining unit employees, as described below, shall be increased in the first full pay period after the following dates:

October 1, 2013: 4.0% for only those bargaining unit employees/positions who are paid from the City's General Fund and/or other funds, but not for the those employees in positions paid from the City's Enterprise Funds (Water and Sewer Utility, Stormwater Utility, Parking and Sanitation Funds), and

2.5% for only those bargaining unit employees/positions who are paid from the City's Enterprise Funds.

October 1, 2014: 3.0% for only those bargaining unit employees/positions who are paid from the City's General Fund and/or other funds, but not for the those employees in positions paid from the City's Enterprise Funds (Water and Sewer Utility, Stormwater Utility, Parking and Sanitation Funds), and

2.0% for only those bargaining unit employees/positions who are paid from the City's Enterprise Funds.

Sec 5: The following adjustments shall be made to address pay restoration issues for employees who have moved/transferred to and/or from positions paid through the General Funds and/or the Enterprises Funds after the pay reductions were implemented to only employees who then held General Fund positions in June of 2011.

- A. Any employee who was in a position paid from the General Funds when the pay reductions were implemented in June of 2011, to only the General Fund positions, but who was later moved, transferred, or promoted into and is presently in a position paid from the Enterprise Funds, shall be given the higher Wage increases provided to the General Fund employee positions, as noted above in Section 4 on October 1, 2013 and on October 1, 2014, and
- B. Any employee who was in a position paid from the Enterprise Funds when the pay reductions were implemented in June of 2011, to only the General Fund positions, but who was later moved, transferred or promoted into and is presently in a position paid from the General Funds, shall be given the lower Wage increases provided to the Enterprise Fund employee positions, as noted above in Section 4 on October 1, 2013, and on October 1, 2014.

Sec. 6: The parties agree to defer discussions about creating a new pay plan and/or changing the current pay plan, but also agree to continue such discussions during the term of this Agreement after the City receives a report and recommendations from its consultant, similar to the report and recommendations in the Evergreen Study that was completed for the AFSCME Professional and Supervisory Units. The parties agree to meet and discuss reasonable proposals for the creation of and/or changes to the pay plans applicable to this unit.

# **ARTICLE 11 - ASSIGNMENT PAY**

Sec. 1: An employee assigned to temporarily assume the majority of duties and responsibilities of an incumbent employee with a classification of a higher pay grade shall receive a five (5%) percent increase in salary for the time actually assigned to the classification. However, should the temporary assignment continue for twenty-five (25) working days or more, the employee will continue to receive a five (5%) percent increase above the employee's current straight time rate, or the minimum salary range, for the position filled, whichever is higher. Temporary assignments that continue for more than one hundred and twenty (120) days will be evaluated by the City and the Union. The continuation of assignment will be by mutual consent.

Sec. 2: In the event an employee is assigned to work in a vacant position within a classification of a higher pay grade, the employee will receive five (5%) percent above the employee's current straight time rate, or the minimum of the salary range of the position filled, whichever is higher. For the purpose of this provision, a vacant position is one in which there is no incumbent assigned.

Sec. 3: An employee assigned to temporarily assume the majority of duties and responsibilities of an incumbent employee with a classification of a higher pay grade that is outside of this bargaining unit shall be paid according to the following table:

General to Professional: 10% or minimum of the pay grade

General to Supervisory: 15% or minimum of the pay grade

General to Management/Executive: 20% or minimum of the pay grade

Sec. 43: A vacant position within a Civil Service classification that has been staffed by assignment for one hundred and twenty (120) days will be evaluated to determine if the position should be filled on a permanent basis. In no circumstance shall the vacant position revert back to the assignment pay status unless by mutual agreement between the City and the Union.

Sec. 5 4: Provided, however, that this Article shall not apply to time periods of less than four (4) hours. Effective in the first full-pay period after this 2013-15 Agreement is ratified by both parties, the assignment pay in this Article shall apply only to time periods of eight (8) hours or more when the assigned employee is working for a full-time

employee in a higher classification. If, however, the assigned employee is working for a part-time employee of a higher classification then the assignment pay shall apply only to time periods of four (4) hours or more. There shall be no assignment pay during a declared emergency.

# **ARTICLE 12 - LEADWORKER PAY**

- Sec. 1: Employees given assignments by the Department or Division Head as leadworkers in responsible charge of a crew or work unit, consisting of at least two (2) employees other than the designated leadworker, will receive additional compensation in the amount of five (5%) percent above their base hourly rate. The Human Resources Division will conduct a study to determine the feasibility of whether a leadworker position should be created. This study will be done in conjunction with the appointment and will be completed within ninety (90) days.
- Sec. 2: Responsible charge shall be defined as having temporary supervisory powers and operating within the Chain of Command between the crew or work unit supervised and the immediate-supervisor of the Employee. Employees, whose duties and responsibilities normally include supervision, will not be covered by this section.
- Sec. 3: There shall be an equal opportunity to be assigned to leadworker status.
- Sec. 4: In no case shall leadworker appointment exist for more than ninety (90) days where a Civil Service Classification does not exist.
- Sec. 5: The parties agree that a classification for leadworker will be established where appropriate. The City agrees to create the appropriate classification, job description and pay grade. The position will be announced as "closed promotional" and filled from an eligibility list.

# **ARTICLE 13 - CERTIFICATION PAY**

- Sec. 1: Plant Operator I, Plant Operator II, and Utility Shift Supervisor will continue to receive a five (5%) percent differential above their base rate of pay upon attainment of their State of Florida, Department of Environmental Protection, Water or Wastewater Treatment Plant Operator Certification (Class C license). Plant Operator I Rotator will also receive this certification pay upon attainment of the Certification.
- Sec. 2: Any certified Plant Operator I, Plant Operator I Rotator, Plant Operator II, or Utility Shift Supervisor who attains a State of Florida, Department of Environmental Protection, Water or Wastewater Treatment Plant Operator Certification Class B license will receive a two and one-half percent (2 1/2%) differential over the Class C entitlement.
- Sec. 3: Any certified Plant Operator I, Plant Operator I Rotator, Plant Operator II, or Utility Shift Supervisor who attains a State of Florida, Department of Environmental Protection, Water or Wastewater Treatment Plant Operator Certification Class A license will receive a two and one-half percent (2 1/2%) differential over the Class B entitlement (for a total of five (5%) percent over the Class C entitlement).
- Sec. 4: Utility Operations Supervisors, Senior Utilities Field Technicians and Utilities Field Technicians shall receive a two and one-half percent (2.5%) differential above their base rate of pay upon the attainment of each of the following certifications based upon the subsequent schedule and guidelines.
- a. Utilities Field Technicians 2.5% per "C" Certification (water, sewer or stormwater) to a maximum of 7.5% above base pay rate. "C" certification incentives shall be specific to the Utilities Field Technician Classification. Promotion or transfer to a Senior Utilities Field Technician or Utility Operations Supervisor will include, if a "C" Certification has/had been attained, a maximum 2.5% certification incentive pay. Any and all other incentive pay will cease.
- b. Senior Utilities Field Technicians 2.5% per "B" Certification (water, sewer or stormwater) to a maximum of 5% above base pay rate. "B" certification incentives shall be specific to the Senior Utilities Field Technician classification and the Utility Operations Supervisor only and shall include a maximum of 2.5% for having

attained a "C" Certification. Each certification pay increase received must be based upon the required levels of certifications held in each of the three (3) separate disciplines (i.e., (1) water; (2) sewer; and (3) stormwater) For example: a "C" Certification in water, a "B" Certification in sewer and a "B" Certification in stormwater would result in a total certification pay increase of 7.5%. On the other hand, a "C" Certification in water, a "B" Certification in water, and a "B" Certification in stormwater would result in a total certification pay increase of 5% because two (2) of the three (3) certifications held are in the same discipline. Promotion to any position other than Utility Operations Supervisor will cease any and all incentive pay.

c. Utility Operation Supervisors - 2.5% per one (1) "B" and 2.5% for one (1) "A" Certification (water, sewer or stormwater) to a maximum of 5% above base pay rate. "A" and/or "B" certification incentives shall be specific to the Utility Operations Supervisor ("B" also to S.U.F.T.) and shall include a maximum of 2.5% for having attained a "C" Certification. Promotion and/or transfer to any other position(s) will cease any and all incentive pay.

Sec. 5: Beginning July 15, 2009, Treatment Plant Mechanic I, Treatment Plant Mechanic II, and Chief Utility Mechanics, who have attained "A", "B", or "C" certifications prior to July 15, 2009, shall receive certification pay as specified in Section 4 of this Article. Treatment Plant Mechanic I, Treatment Plant Mechanic II, and Chief Utility Mechanics hired prior to July 15, 2009 (excluding any employee covered by the first sentence in this Section) who attain a "C" certification or higher in water or sewer (whichever is applicable to their assignment) on or after July 15, 2009, shall receive a maximum of 2.5% certification incentive pay. Employees in these positions hired on or after July 15, 2009, will receive certification pay, upon attainment of the Certification, if the Certification is required by the City.

Sec. 6: If a CDL (Commercial Driver's License) is required, the City will reimburse the individual for the required license fees for the initial testing and renewals. For the purpose of testing/practicing a City vehicle will be provided upon approval of the Department Head.

Sec 7: In this Article, use of the terms "Class A, Class B, Class C, as well as the terms "A" Certification, "B" Certification, and "C" Certification" shall be considered

interchangeable with the corresponding terms of "Level 1, Level 2, and Level 3" (e.g., the term "Class A" and the term "A" Certification are the same as the term "Level 1" as used in this Article, etc. Effective October 9, 2013, certifications from Florida Stormwater Association (FSA) will not be accepted as a substitute for either State of Florida certifications or FWPCOA certifications, except for those employees who had already obtained and received recognition for a FSA certification before October 9, 2013, for as long as those employees maintain that/those FSA certification(s). Failure to maintain the FSA certification will result in the employee's forfeiture of that certification with no right to re-qualify for certification pay based on that FSA certification.

Sec. 8: Any certification pay provided in this Article 13 shall be treated as part of the employee's base pay for purposes of the pension plan's definition of compensation and employee contributions.

### ARTICLE 14 - WORK SCHEDULING AND OVERTIME

- Sec. 1: The current normal workweek for all full-time employees shall consist of forty (40) hours per week. Under no circumstances will benefits/rights associated to full-time employees be reduced or modified if the workweek is altered. The normal workweek for all full-time employees shall consist of forty (40) hours per week, beginning with the employee's first regular shift. The normal workday shall consist of eight (8) or ten (10) consecutive hours of work in the twenty-four (24) hour period. The City may, through a written Letter of Understanding mutually agreed upon with the Union, create a work schedule for police telecommunication employees that will include twelve (12) hour workdays. The employer shall provide to the Union a list of all bargaining unit employees who currently work a ten (10) hour day.
- Sec. 2: The employer reserves the right to designate a change in the work schedule, weeks, days, hours and shifts of its employees; however no individual employee shall have his/her work schedule or day off schedule changed for the purpose of avoiding the payment of overtime, nor shall any changes in work schedule be made in an arbitrary or capricious manner. In any event, notice of not less than ten (10) working days shall be given to the affected employees and an authorized representative(s) of the Union. Upon the request of the employee or the Union, the employer agrees to meet and confer with the above referenced Union Official(s) and/or the employee. Should the City not comply with the notice requirements, and if appropriate, the above referenced meeting, the employee schedule will not be changed. Further, scheduling changes will not be used for disciplinary purposes.
- Sec. 3: Work schedules and regular days off can be changed to provide manning for any unforeseen emergencies. The parties mentioned above will be notified as soon as practicable.
- Sec. 4: The employer and the Union recognize that certain type of activities operating on a continuous basis require different treatment as to hours worked, and agree that in those instances, an eight (8) consecutive hour shift, including lunch period, and breaks per Article 19, may be allowed. In the Public Works Department, personnel assigned to beach maintenance will be permitted to operate in a flexible but not split shift

work schedule. In the Recreation Division, program supervisors and staff will be permitted to operate in a flexible but not split shift work schedule. Personnel assigned to ball field maintenance in Public Works will be permitted to operate in a flexible but not split shift work schedule for-such events that occur sporadically. Employees assigned to the Police Department who are ordered to extended standby by the Court Liaison Officer, will receive one (1) hour of compensatory time at straight time, for such inconvenience. This section shall not apply if the employee is called into court during this period and callback pay is provided as in (Sec. 5).

- Sec. 5: An employee who is called into work outside his normal work schedule will be guaranteed a minimum of three (3) hours pay at the time and one-half rate regardless of the number of hours worked during the work week. This does not apply in the case of scheduled overtime, or if the call-out occurs within one (1) hour of the start of the employee's normal work schedule.
- Sec. 6: Opportunities to work overtime will be distributed as equally as practicable among employees in the same job classification in the same work section and area starting with the most senior employee, provided the employees are qualified to perform the overtime work required. Overtime and compensatory time opportunities will be recorded and maintained. These records will be available for review by the Union and employees. If an employee establishes that he/she has not received his/her fair share of overtime opportunities, such employee shall have first preference to future overtime work.
- Sec. 7: Scheduling for overtime and holiday work in the Water/Waste Water Treatment Plant shall be assigned from a rotation list composed of qualified operators grouped by classification, provided a certified operator is on duty at all times, assigned to the Main Control Room. Qualified, certified supervisory personnel may be called upon, at the discretion of Management, for appointment to overtime or holiday work based upon the unavailability of employees with the Operator classification.
- Sec. 8: By mutual agreement between the employer and the employee involved, compensatory time at the appropriate rate may be granted in lieu of premium overtime pay. Such compensatory time may be accumulated up to forty (40) hours and is to be granted within the one-hundred and twenty (120) calendar day period succeeding the date on which the overtime is worked. If a written request is received prior to or within

one-hundred and twenty (120) days after the date on which the overtime is worked, the compensatory time off shall, subject to management's responsibility to maintain efficient operations, be scheduled and granted as requested by the employee. If the employer does not schedule the compensatory time in accordance with the employee's request, or at some other time mutually agreed to, prior to the completion of the one hundred and twenty (120) calendar day period succeeding the date on which the overtime is worked, the employee shall be compensated at the appropriate rate of pay in lieu of paid time off.

Sec. 9: Time-and-one-half (1-1/2) the employee's regular rate of pay shall be paid for all work performed in excess of forty (40) hours of work in any work week. Paid holidays and paid vacation leave shall be considered as work performed for the purpose of counting forty (40) hours in any workweek. Paid or unpaid sick leave and compensatory time shall not count as work performed for the purposes of counting forty (40) hours in any workweek.

Sec. 10: In no instance shall standby be involuntarily assigned to regularly scheduled days off.

Sec. 11: Upon appropriate authorization, should it be required that an employee respond to a telephone conversation, in which substantive information is exchanged, that relates to an employee's specific skills and ability, the employee will be compensated one (1) hour at straight time.

Sec. 12: The following provisions shall apply to Plant Operator I - Rotator and Plant Operator I Trainee - Rotator (Rotator):

- a. All Rotators shall be assigned to a two week work schedule, the schedule to be received one week in advance of the commencement of the schedule.
- b. No Rotator shall be scheduled to work and, pursuant to that schedule, will not work more than sixteen (16) hours in a twenty-four (24) hour period and not more than twenty-four (24) hours in a forty-eight (48) hour period.
- All Rotators shall have two consecutive days off.
- All Rotators who commence working a scheduled shift shall have the right to work that entire shift.

- e. Article 14 Sec. 2 Work Scheduling and Overtime shall not apply to the modification of the work schedules of Rotators.
- f. Article 14, Sec. 5 regarding "calling employees to work outside their normal work schedules" shall apply to employees in the Rotator positions only after the Rotator has worked forty (40) hours in the specified work week.
- g. Article 47 Shift Differential shall not apply to employees in the Rotator positions.

# **ARTICLE 15 - LABOR-MANAGEMENT COMMITTEE**

- Sec. 1: There shall be a Labor-Management Committee formed from established City Departments/Offices. The City and Union will select their own representatives. It is recognized that the size of the Committee should not be cumbersome. The Office of Human Resources will facilitate the meetings.
- Sec. 2: The Union membership of the Committee shall consist of persons from within the position classifications covered by this Agreement and the Management shall consist of the Director or Assistant Director of the Department/Office. Time off with pay, as required, shall be granted to employees designated as Committee members for attendance at Labor-Management Committee meetings.
- Sec. 3: The Committee shall meet once every two (2) months or at other times by mutual consent. Minutes will then be taken and kept of all meetings of each committee. Meetings will be conducted during normal operating hours of the Department. If the course of the meeting should extend beyond the Union designated employee's normal working hours, that employee shall not be entitled to any additional compensation beyond his/her normal day's wage.
- Sec. 4: The Committee shall not engage in any labor negotiations, nor shall it be or become a vehicle for grievance handling, processing or resolution.

# ARTICLE 16 - VOLUNTARY DEMOTIONS/LATERAL TRANSFERS

- Sec. 1: Any employee holding permanent status within the classified system may voluntarily request a lateral transfer or a demotion to a lower paid position without having to take the usual examination for appointment to the lower paid position or lateral position.
  - <u>Sec. 2:</u> Prerequisites for such voluntary demotion/lateral transfer:
- (a) The employee must submit the request in writing to the Office of Human Resources and must state the title of the lower/lateral position requested, the reason(s) for the request, an acknowledgment that they understand that the demotion will involve a reduction in pay unless otherwise stipulated and, once either is approved and effected, is permanent and cannot be reversed except through the regular promotional procedures for classified employees;
- (b) The employee must meet the minimum requirements for the lower paid/lateral position determination as to whether or not employee meets the minimum requirements will be made by the Human Resources Director;
- (c) There must be a budgeted vacancy in the lower/lateral position available; no employee holding such lower/lateral position may be involuntarily bumped out of that position for the purpose of providing room for the voluntarily demoting/laterally transferring employee; however, such demotions or transfers shall supersede any existing eligibility lists:
- (d) The receiving Department Head may approve or disapprove acceptance of the voluntarily demoting/laterally transferring employee;
- (e) There will be no probationary period for the voluntarily demoting/laterally transferring employee in the new lower paid/lateral position.
- (f) Employees in the Professional, Supervisory, Police, Fire, Confidential, Executive or Management positions shall not bump into any positions in the General Employees Unit. Employees in the above stated positions shall only be demoted or transferred into a vacant General Employees Bargaining Unit position (not desired by a Bargaining Unit employee) with zero (0) seniority for all purposes seniority is utilized, including but not limited to bidding vacations, schedules, overtime. Employees filling

General Employee Bargaining Unit positions shall not retain any rates of pay, benefits, or terms and conditions of employment which they enjoyed in any position which they previously held with the City.

- Sec. 3: The voluntarily demoting/laterally transferring employee will retain such seniority and other benefits earned prior to the effective date of the demotion/ transfer.
- Sec. 4: As indicated in Sec. 2(a) above, the voluntarily demoting employee may not proceed to any higher paid position (including the classification from which demoted) unless such employee has applied for and competed in the regular promotional examination, and been certified as eligible for appointment (and promotion) in accordance with the classified system's regular promotional appointment procedures.
- Sec. 5: The City, contemporaneously with notification to the Employee, shall advise the Union in writing (i.e. copies of Personnel Action forms) of all bargaining unit member changes in status, including but not limited to personnel changes, whether involving compensation, leaves, administrative or otherwise.
- Sec. 6: The provisions of Section 2(d) of this Article shall be grievable but not arbitrable.

# ARTICLE 17 - PERFORMANCE REVIEW AND MERIT PAY INCREASES

Sec. 1: Effective on the ratification date of this 2013-2015 Agreement, persons employed by the City in a Civil Service position shall serve a twelve (12) month probationary period ("Original Probationary Period") following their initial appointment. Employees hired prior to the ratification date of this Agreement shall continue to serve a six (6) month initial probationary period. Employees shall be reviewed on or before the end of the "Original Probationary Period" to determine the suitability of a regular appointment. Following the completion of the "Original Probationary Period", the employee will be rated according to one of two categories:

# Unsatisfactory

### Satisfactory

Employees who are "Unsatisfactory" will be dismissed from employment. Employees who are "Satisfactory" will receive a regular appointment to their position. Upon the completion of one year of employment with the City, the employee will be reviewed and rated according to one of two categories above.

- Sec. 2: Employees who are below the top step of the pay range for their position on their annual performance review date during fiscal year 2014-2015, shall be eligible for a one-time merit pay increase of 2.5% on the employee's annual performance review date that falls during fiscal year 2014-15 (i.e., October 1, 2014 through September 30, 2015). However, the parties agree that this shall be a single merit pay increase that is applicable during only fiscal year 2014-2015, and that merit pay shall not be part of the status quo benefits beyond September 30, 2015.
- Sec. 3: The probationary period for part-time employees shall be twelve (12) months from the employee's date of hire.
- Sec. 4: Civil Service employees who receive a promotion to a new position, shall, upon appointment, serve a six (6) month Promotional Probation Period and shall receive five percent (5%) or the minimum rate of the classification, whichever is greater. On or before the completion date of the Promotional Probation Period, the employee shall be evaluated to determine if he/she is "Unsatisfactory" or "Satisfactory." "Unsatisfactory" employees shall be returned to their previous position or classification, whichever is first

available. "Satisfactory" employees will continue on in their new position with a regular appointment. There shall be no additional pay increases at this time. Those employees who are successfully promoted must remain in their new position for minimum period of twelve (12) months before being eligible for another promotion. Promotions to new positions shall not change the annual salary review date of the employee.

- Sec. 5: Full-time and regularly scheduled part-time employees shall be evaluated twelve (12) months from the completion of the employee's "Original Probation Period," and annually thereafter.
- Sec. 6: Employees who receive an "Unsatisfactory" evaluation shall be reevaluated within ninety (90) days of the evaluation. Employees who continue to be
  "Unsatisfactory" shall be counseled and provided a detailed written explanation as to why
  the performance continues to be "Unsatisfactory". The employee shall be given additional
  direction and guidance on how to improve. The employer has the option to continue to
  evaluate the employee and to warn the employee that repeated sub-standard
  performance is a violation of the City of Hollywood's Work Rules.
- Sec. 7: Employees who do not agree with their performance review may appeal to the Department Head or Office Director and, if not resolved, to the Human Resources Director, but may not make use of the grievance or arbitration procedure. If an employee receives two consecutive performance reviews with which the employee disagrees, the second such review shall be grievable and arbitrable at the employee's option. The disposition of the grievance will be placed in the employee's personnel file.
- Sec. 8: The parties agree to continue using the current performance appraisal form and system for all bargaining unit members. However, the parties also agree that the appraisal system and/or the appraisal form may be modified only by the mutual consent, in writing, of the City and the Union.
- Sec. 9: The parties recognize that a performance review system is an orderly procedure that provides an employee appropriate performance feedback. Therefore, a performance review may be conducted at any time during an employee's employment. The system is not intended to be punitive oriented. Continued failure on the part of the employee to take direction and guidance from a performance evaluation may or may not lead to disciplinary action.

- Sec. 10: If the employee's performance review is not completed by the employee's annual review date it shall be assumed the employee's review was satisfactory.
- Sec. 11: An employee's probation shall be suspended for the period of a Workers' Compensation injury. Upon returning to duty, the employee shall have thirty (30) days or the period of remaining probation, whichever is greater, to establish job performance toward regular appointment.

# **ARTICLE 18 - PENSION AND PENSION PLAN**

- Sec. 1: Employees shall receive pension benefits according to the provisions of the General Employees Pension Plan in Chapter 33 of the City's Ordinances, as amended by City Ordinance No. O-2011-25. Except as provided for in Sections 2, 3, 4, 5, 6 and 7 below, the City will maintain the existing Pension Plan Ordinance provisions regarding benefits and contributions for bargaining unit employees for the duration of this *Agreement*.
- Sec. 2: Equalization of the Pension Benefits: The Pension Plan Ordinance shall be amended effective upon the ratification date of this 2013-2015 Agreement, so that from that ratification date forward all of the amendments to the Pension Plan made by City Ordinance No. O-2011-25, that became effective as of October 1, 2011, for employees in positions paid from the City's General Funds, shall be made applicable to all employees in positions paid from the City's Enterprise Funds (Water and Sewer Utility, Stormwater Utility, Parking and Sanitation Funds) so that from that ratification date forward all employees in the bargaining unit shall have the same pension benefits currently provided to all other bargaining unit employees in positions paid from the City's General Fund and/or any other funds.

### Sec. 3: Pension Multiplier:

- (a) The Pension Plan Ordinance shall be amended effective upon the ratification date of this Agreement, so that from that date forward all City employees who retire after that date shall thereafter have a pension multiplier of 2.5% for all service accrued on or after that date.
- (b) In addition, the Pension Plan Ordinance shall be amended effective upon the ratification date of this Agreement, so that currently employed City employees who were in positions paid from the City's General Fund and/or other funds (not including those employees in Enterprise Fund positions), when the pension multiplier was reduced from 3% to 2%, the pension multiplier shall be increased retroactively from 2.0% to 2.5% for service accrued from October 1, 2011 forward.

- Sec. 4: Employee Contributions: The Pension Plan Ordinance shall be amended so that effective at the start of a pay period that begins within thirty (30) days (i.e., one month) after this 2013-2015 Agreement is ratified, the employee contributions to the Pension Plan shall be prospectively reduced to eight (8.0%) percent.
- Sec. 5: Planned Retirement Benefit: The Pension Plan Ordinance shall be amended effective on the ratification date of this 2013-2015 General Employees' Unit Agreement to create a new pension benefit called the "Planned Retirement" benefit. The Planned Retirement benefit, as described below, will be retroactive to October 1, 2011, and shall be available only to employees actively employed by the City (and not participating in DROP) who were hired before July 15, 2009:
  - a. In order to be eligible, an employee must submit a written election, on a form created for this purpose, declaring the employee's intent to participate in the Planned Retirement benefit at any time on or after reaching the employee's Normal Retirement Date ("NRD"), as defined in the Pension Plan. The form will identify the maximum number of years the employee may participate in the Planned Retirement benefit and the employee's latest employment termination date based on the maximum number of years identified.
  - b. The maximum period of participation in the Planned Retirement benefit is five (5) years (sixty (60) months), which may start at any time on or after the employee reaches his/her NRD.
  - c. When the employee terminates employment, the employee shall elect how he/she wishes to receive the Planned Retirement benefit earned. The employee may choose: (1) to take a maximum lump sum payment that would be valued based on all of the years the employee worked after electing to participate in the Planned Retirement benefit; or (2) take a larger final pension annuity payment (meaning a larger annuity than that earned at the Planned Retirement benefit election) based on the years the employee worked after electing the Planned Retirement benefit; or (3) take any combination of a lump sum payment and a pension annuity by dividing the years worked after electing Planned Retirement benefit between a lump sum payment and ongoing annuity payments. Any lump sum payment must be paid out to the employee at termination (i.e., it cannot be left in the Plan).
  - d. While participating in the Planned Retirement benefit, the employee shall continue making his/her applicable employee contributions, as provided in the Pension Plan, until termination of employment.

- e. Any employee who has reached NRD and has submitted the written election form to participate in the Planned Retirement benefit shall maintain the right to participate in the Planned Retirement benefit up to the maximum period applicable to the employee has been reached or employment has terminated pursuant to the terms of the Planned Retirement benefit in this Article, and no amendment to the Pension Plan may alter this right.
- f. For any employees who reached NRD between October 1, 2011 (and have not entered DROP) and the date the Pension Plan Ordinance is amended to include this Planned Retirement benefit, the time any such employee worked after having reached NRD (on or after October 1, 2011) and the date the employee submits the Planned Retirement benefit election form may be included in the employee's Planned Retirement benefit participation period, provided the member shall not exceed the maximum period of participation set forth in Section 5 (b) of this Article.
- g. Any bargaining unit employee who elects to participate in the Planned Retirement benefit shall continue to be subject to termination from employment for just cause as provided in the collective bargaining agreement.
- h. The lump sum payment, if elected, shall be calculated based upon the monthly values of the employee's final pension annuity benefit determined using the employee's credited years of service, Average Final Compensation, and multiplier, as provided in the Pension Plan as of the beginning of the elected Planned Retirement period, plus earnings on such amounts as provided in Section 5 (i) below, subject to the limitations under Section 5 (j) below.
- i. Investment earnings applicable to any lump sum payments shall be calculated in arrears using the net investment rate earned by the Pension Fund on its net assets for each month of creditable service worked during the Planned Retirement benefit period and applied to the prior pension annuity balance including all prior months of pension credit, including prior monthly earnings. The investment earnings shall be compounded monthly to determine the amount of investment earnings to be credited during each year of the Planned Retirement benefit period. The aggregate value of the monthly investment earnings calculations will determine the amount of investment earnings to be credited for the Planned Retirement benefit period. The investment earnings credited to said employee will be net of the investment earnings retained by the Pension Fund per Section 5 (j).
- j. With regard to any Plan earnings calculated into the member's lump sum payment, the employee shall share in Plan losses in those years where Plan

earnings are negative, and in any year where the Plan earnings are greater than 4% (applied monthly at the rate of .327%), the next 2% (applied monthly at the rate of .165%) of Plan earnings (i.e., the annual earnings between 4% and 6%) shall be excluded from the employee's lump sum payment and retained by the Pension Plan. When the Pension Plan is 80% funded, the amount of investment earnings to be thereafter retained by the Plan (i.e., to be excluded from members' lump sum payment at that time) shall be reduced to the first 1% (applied monthly consistently with the above) of Plan earnings in the years that earnings are greater than 4%, until the Plan reaches 90% funded, at which time no further exclusions shall be taken from the Plan earnings in years the Plan earnings exceeded 4%. The above-noted exclusions from earnings shall automatically resume at the same amounts if the Plan's funding drops back below 90% or 80%.

- k. An eligible employee who submits the written election to participate in the Planned Retirement benefit may also elect to cash out his/her accrued sick leave (subject to applicable accrual payout limitations/caps), and/or accrued vacation leave, and/or comp-time accruals, and/or Blood Time accruals. This cash-out election may be made only one time on or after the NRD but before the employee's separation from employment, but can be made either on the date the employee submits the written election to participate in Planned Retirement or on any subsequent anniversary of the employee's NRD.
- I. If an eligible employee who has elected and is participating in the Planned Retirement benefit dies during his/her Planned Retirement participation period, then that employee's designated beneficiary (or beneficiaries) shall make the election provided in Section 5 (c) above, of the Planned Retirement benefits earned.
- Sec. 6: Partial Lump Sum Distribution: The Pension Plan Ordinance shall be amended effective upon the ratification date of this Agreement, to include a new optional form of pension benefit called a "Partial Lump Sum Distribution" for eligible employees who (are not in DROP) reach their Normal Retirement Date after that date.
  - (a) This Partial Lump Sum Distribution benefit would be an optional form of payment that would allow an eligible employee to take a fixed percentage of the employee's retirement benefit as a lump sum payment and the balance of the retirement benefit would be an annuity. An eligible employee could elect to take a lump sum payment of up to a maximum of twenty-five percent (25%) of the employee's retirement benefit and the remaining

seventy-five percent (75%) as an annuity. For example, assuming a retiree has earned a benefit of \$2,000.00 per month. The Pension Plan would use the actuarial equivalence definition (so there is no cost to the Pension Plan), the value of this annuity may be \$200,000. This optional form of payment benefit would allow the member to take a portion of the \$200,000.00, as a lump sum and the remaining portion as an annuity. In this example, the retiree could elect to receive up to a \$50,000 lump sum payment and that retiree would then have a \$1,500 monthly annuity. Because this benefit calculation shall be based on the actuarial equivalence definition, there shall be no cost to the Pension Plan for this optional form of payment.

- (b) Employees who are eligible for the Planned Retirement benefit may elect to participate in that Planned Retirement benefit or may elect to participate in this Partial Lump Sum Distribution benefit, but may not participate in both of these benefits.
- Sec. 7: DROP Coordination with the Police Pension Plan: The Pension Plan Ordinance shall be amended effective upon the ratification date of this Agreement, so that the DROP account benefit of any current City employee who was previously a member of the General Employees Pension Plan and who later moved to a Police Officer position and is a member of the Police Pension Plan and is now participating in the DROP in the Police Pension Plan, any DROP benefit being held for that employee in the General Plan may be moved from the General Pension Plan into the Police Pension Plan.
- Sec. 8: The Union agrees for itself and for all bargaining unit employees to waive, renounce, and forgo any and all remedies and payments whatsoever related to the modifications to the Collective Bargaining Agreement or the Pension Ordinance made by the City pursuant to financial urgency to which it or they are or may become eligible to receive, whether resulting from an award by a tribunal or through settlement of any matter related to such changes. The Union also agrees to withdraw with prejudice immediately all grievances related to such changes.

Sec. 9:

- (a) Employees who have retired from the General Employees Pension shall not be eligible for another pension from this fund. The above provisions are in conjunction with the April 26, 1997 Letter of Understanding contained in the previous (October 1, 1996 through September 30, 1999) collective bargaining agreement and shall be effective July 1, 1999.
- (b) Any spouse of a deceased retiree receiving a pension shall continue to receive the same benefit regardless if that spouse remarries.
- (c) The actuarial assumption rate shall not be changed without the approval of the City.

Sec. 10: Employees who were hired prior to July 15, 2009, who entered the DROP on or after July 1, 2006, shall be considered as retirees and the following provisions shall apply to DROP participants:

- (a) DROP payments shall earn interest at the net investment earnings.
- (b) DROP participants shall be eligible for promotion.
- (c) DROP participants must sign an irrevocable decision on or before entering the DROP to separate from the City at the conclusion of their DROP participation.
- (d) DROP participants are eligible to participate in the City's Sick Leave Pool, but only if they have a minimum accumulation of ninety-six hours of sick and/or vacation leave.
- (e) DROP participants will be considered as retirees with regard to medical, dental and life insurance contributions.
- (f) All other provisions of the contract shall apply, except as otherwise stated in this Agreement.

#### **ARTICLE 19 - REST PERIODS**

- Sec. 1: Each employee shall be granted two (2) fifteen (15) minute rest periods with pay on a regular basis except at times of operational problems. The first rest period will be scheduled approximately mid-point in the first one-half of the employee's regular work shift and the second rest period will be scheduled approximately mid-point in the second one-half of the employee's regular work-shift. There shall be no exchanges of rest periods to compensate for tardiness, extended lunches or early departures.
- Sec. 2: Employees working a ten (10) hour day shall receive two (2) twenty (20) minute breaks in lieu of the fifteen (15) minute breaks. The first rest period will be scheduled approximately mid-point in the first one-half of the employee's regular work shift and the second rest period will be scheduled approximately mid-point in the second one-half of the employee's regular work-shift. There shall be no exchanges of rest periods to compensate for tardiness, extended lunches or early departures.

#### ARTICLE 20 - SICK LEAVE

- Sec. 1: Employees shall accrue one (1) sick leave day for each month worked. Sick leave shall be allowed to accrue without limit. Employees covered by this contract and serving a probationary period of employment may use accrued sick leave in the same manner as permanent employees.
- Sec. 2: Employees, in order to qualify for sick leave, must notify their supervisor of illness as soon as possible; but no later than one-half hour after the start of the scheduled shift, except in the event of an emergency. Those employees who relieve another employee, e.g. round-the-clock operations, must notify their supervisor at least one half-hour before the beginning of the shift. Such notification shall be made each day of absence by the employee or a responsible member of his/her household unless the employee is hospitalized, or under doctor's care.
- Sec. 3: Alternative uses of sick leave, for reasons other than illness, are as follows:
- A. If an employee has accumulated four hundred (400) hours of sick leave as of October 1st of any Fiscal Year, he or she shall have the option of converting the next forty (40) hours of accrued sick leave days to vacation days. Requests to convert the next forty (40) hours of sick leave to vacation leave must be made to the employee's Division Head within the first work week following October 1st of each fiscal year. On September 30th, any unused, converted vacation leave shall revert back to sick leave.
- B. Effective after the ratification date of this 2013-2015 Agreement, during the month of October each fiscal year an employee shall have the option of converting a maximum of five (5) days of accrued sick leave days to personal leave.
- C. Sick Leave converted to Personal Leave shall be used for personal business and must be used in no less than four (4) hour increments, unless otherwise authorized by the employee's supervisor.
- D. In order to qualify for Personal Leave pay, employees must submit a request for approval to their supervisor as soon as practicable, but not less than forty-eight (48) hours prior to the use of the Personal Leave. The minimum forty-eight (48) hour requirement may be waived by the employee's supervisor in the event of an employee

emergency. The employee must provide proof of the emergency if requested. The City may cancel the use of Personal Leave due to an emergency declared by the City Manager.

Sec. 4: The options chosen by all covered employees in 1980 shall remain in full force and effect, except as may be modified herein. Sick leave hours accrued and unused as of October 1, 1994 shall be referred to as "Existing Hours". Employees who separate from employment with the City prior to October 1, 1994 with less than five (5) years of credited service shall receive no payment for "Existing Hours". Employees with five (5) or more years of credited service, who separate from employment with the City for any reason whatsoever, enter the "DROP" Plan, or Retire shall receive a payment equal to the product of their final hourly rate of pay and "Existing Hours".

#### Sec. 5:

(a) On or after October 1, 1994, employees who terminate their employment with the City for any reason whatsoever, shall, in addition to any payment which may be due pursuant to Section 4 of this Article, receive a payment equal to the product of unused sick leave accrued as of October 1, 1994 ("New Hours"), the employee's rate of pay in effect on their date of separation, and a payment percentage relating to the number of full years of credited service with the City. The table of percentages and credited service shall be:

Service	Accrued Sick Leave Payout	
Less than five (5) full years of	credited service:	20%
Five (5) or more full years of cless than ten (10) full years of		40%
Ten (10) or more full years of credited service		70%

(b) Effective on the date this 2013-2015 Agreement is ratified, except for any unit employees who had already accrued more than 1200 hours of sick leave on that ratification date (whose sick leave payouts shall remain subject to Section 5(a), above), the table of percentages and credited service shall be changed to the following new levels set forth below, provided however, that the maximum number of accrued sick leave hours that shall be eligible for payout at the percentages set forth below shall not exceed 1200 hours (e.g., an employee with 20 or more years of service with 1200 (or more) hours of sick leave shall be paid at 80% of 1200 hours, which would be 960 hours):

Service	Accrued Sick Leave Payout	
Less than five (5) full years of credited	d service:	20%
Five (5) or more full years of credited less than ten (10) full years of credited		40%
Ten (10) or more full years of credited less than twenty (20) full years of credited		70%

Twenty (20) or more years of credited service: 80%

Sec. 6: "Existing Hours" may be used only after an employee has used all "New Hours".

The purpose of paid Sick Leave is to provide protection against the loss of wages by an employee for the necessary absence from duty on a scheduled work day due to illness suffered by the employee or illness in the employee's immediate family that necessitates the employee's absence from work. Attendance to an immediate family member at a hospital while undergoing serious medical attention shall be included under this provision. Sick Leave pay shall not be made for illness or injury incurred as a result of outside employment, intentional self-inflicted wounds, or the continuous use of drugs or alcoholic beverages (except for approved treatment) or injuries while committing a felony. For the purpose of this section, immediate family shall include, spouse, children, stepchildren, mother, father, grandparent, grandchildren, domestic partner (as defined by Broward County's registration of domestic partners or any other county/state registration of domestic partners), and dependent mother-in-law or father-in-law.

Employees absent from duty for a period of over three (3) consecutive working days due to illness or injury may be required to submit a letter from their physician prior to their return, approving resumption of duties. The letter should be sent to the attention of the Privacy Officer in the Office of Human Resources and Risk Management. Those

employees whom a Department Head has identified as abusing sick leave may be required to submit physician statements on a more frequent basis.

Any employee who abuses sick pay benefits hereto set forth or whose reasons for absence are falsified may be subject to disciplinary action. For purposes of this section, abusing sick leave benefits shall be defined as having incurred more than six (6) occurrences involving the use of Sick Leave during a Fiscal Year (October 1st to September 30th) Discipline may not be invoked if an employee can justify the absence with medical documentation. Medical documentation shall mean information provided by a certified physician providing detailed evidence of the employee's inability to perform work during the absences and may be sent to the attention of the Privacy Officer in the Office of Human Resources and Risk Management.

Sec. 7: Upon the death of an employee, any payments due pursuant to Section 4 or Section 5 of this Article shall be paid to the employee's estate.

## **ARTICLE 21 - VOTING TIME**

- Sec. 1: In order to allow the employees an opportunity to vote in National, State, County or City of Hollywood elections and primaries held prior to those elections, employees covered by this Agreement who make a request to their Division Head, or Supervisor in charge of the Division, may be allowed one (1) hour off without loss of pay at the start or end of their shift, provided such time off does not result in the City having to replace such employee at overtime rates. The Division Head or Supervisor in charge of the Division shall not unreasonably deny such requests, provided the conditions of this Section are met.
- Sec. 2: In order to be granted time off, an employee must sign a Voting Roster five (5) working days before the election date, and present a valid voter's registration card. The Division Head or Supervisor will post a list of personnel and the time off granted at least two (2) working days before the election date.
- Sec. 3: The City shall grant such requests, provided the requirements of Sec. 2 are met, and further provided same will not substantially hinder the regular operation of the division.

## ARTICLE 22 - CONTRACTING OR SUB-CONTRACTING

- Sec. 1: If the City is considering contracting out or sub-contracting work, which will eliminate bargaining unit positions, the City shall notify the Union no later than one hundred twenty (120) days prior to making any final decision. The City shall provide the Union with all financial data relating to the proposal being considered.
- Sec. 2: The City shall impact bargain with the Union over the issues which will directly affect any bargaining unit employee resulting from the proposed contract or sub-contract. The Union shall have the opportunity to present alternative proposals to the administration before the administration submits its recommendations to the City Commission; thereafter, the Union shall have an additional opportunity to present its alternative proposals to the City Commission prior to the City Commission making the final decision on the matter.
- Sec. 3: If the decision is then made to contract out or subcontract work, to a private or other governmental entity, the City shall request that the entity employ the City's displaced personnel for a period of eighteen (18) months at such wage and benefit levels as the displaced employees received from the City on the effective date of the subcontract. However, if the sub-contractor is unwilling to hire the displaced employees with the conditions stated above, the City shall employ the displaced employees in another capacity at no loss of wages or benefits to the displaced employees. For purposes of this Article, a displaced employee is defined as any employee who loses his/her position due to the effect of sub-contracting services otherwise provided by the City. Any employees electing not to be employed by the sub-contractor shall have the right to exercise all rights under this Agreement including, but not limited to, transfer, filling vacancies, lay off and recall. Any reduction in force will be handled insofar as practicable through attrition and/or transfer to other positions.

## ARTICLE 23 - WORK UNIFORMS AND LAUNDRY

Sec. 1: The Union and the City recognize the need for appropriate dress and/or uniformity of apparel among its various employees who are covered by this Agreement. It is the policy of the City of Hollywood that all work apparel and shirts provided to those AFSCME employees required to wear uniforms will be a single solid color. Such employees are responsible for the maintenance and care of the uniform unless otherwise provided for in the Collective Bargaining Agreement.

Sec. 2: The City agrees that it will issue work uniforms to those employees who are required to wear uniforms; Those AFSCME employees required to wear uniforms while on duty are entitled to receive five (5) bottoms and five (5) tops each year to be issued October 1<sup>st</sup> of each year and additional bottoms and tops will be reissued during the year as needed. It will be the employees' option with the approval of the Risk Manager to select long trousers, Bermuda style shorts, skirts or a combination thereof. Shirts shall be long or short sleeve work shirts, golf type or tee shirt. The color of the uniform shall be defined by the applicable work group. Employees terminating their employment shall be required to return such uniforms prior to receiving their final paychecks. Wearing of City supplied uniforms while engaged in non-City work or recreational activities is prohibited. CSO's will be issued along with their regular uniforms, one (1) Ballistic Vest w/cover according to the policy for Sworn Police Officers. CSO's will be required to wear the vest while in uniform whether on duty or off duty.

Sec. 3: The City recognizes that certain occupations would subject the uniforms to soiling conditions that would require commercial laundry services. To that extent, the City agrees to furnish full laundry service to only those classifications assigned to certain divisions, as listed below:

(a) Public Works - Streets Maintenance
Maintenance Person
Equipment Operator
Laborer
Electrician
Street Light Electrician

(b) Public Works - Forestry/Landscaping

Irrigation Crew

**Nursery Crew** 

Tree Crew

Beach Maintenance

Recreation Maintenance

Right-of-Way Crew - State licensed individual applying chemicals and any subordinate personnel who apply the chemicals only; standard issue uniforms without laundry service for balance of crew.

(c) Public Works - Property Maintenance

Refrigeration Mechanic

Plumber

(d) Public Works - Garages: Central, Police, Fire, Sanitation

Chief Mechanic

Automotive Mechanic

Sanitation Equipment Mechanic

Automotive Service Person

Sanitation employees

(e) Public Utilities1

Water Plant Personnel

Water Distribution Personnel

Sewer Collection Personnel

Sewer Plant Personnel

Underground Utilities

(f) Copy Center

The City and the Union agree that in the event that new classifications are added to the pay plan or position titles are changed, those positions and any existing position titles which are determined by the City and/or Union to meet the above criteria for cleaning

<sup>1</sup> excluding clerical and office persons

services covered in this Article, shall be entitled to receive said cleaning services as provided herein, with agreement of the City.

#### Sec. 4:

- (a) Civilian police personnel are issued uniforms and are required to maintain and launder them; I.D Technicians and CSO's will receive a uniform maintenance allowance of \$50.00 per month; maintenance shall include all necessary cleaning and/or laundering and repair of garments and/or included accessories.
- (b) Replacement of issue items will be furnished by the city to Civilian Police and Fire personnel, on a turn-in, reissue basis, due to being worn-out or damaged, up to the following maximums, each year:

Quantity		Item Description
Inside Personnel	Outside Personnel	
3 each	3 each	Short sleeve shirts
3 each	3 each	Trousers
	1 each	Baseball Type Cap

Any other uniform replacements will be determined on an individual-by-individual basis.

- (c) Community Service officers who are assigned to road patrol will be furnished personal storage lockers:
- Sec. 5: Asphalt crew, Beach Maintenance employees and Sanitation crew employees in the Public Works Department and any other employees required to wear safety shoes shall receive work shoes supplied by the City. Required work shoes shall be replaced when worn out or damaged as shall be determined in the sole discretion of the City.
- Sec. 6: Safety equipment will be issued at the direction of the Risk Manager wherever needed without regard to the Collective Bargaining Agreement.

## ARTICLE 24 - LIFE AND HEALTH GROUP BENEFITS PLAN

- Sec. 1: The employer shall provide group health coverage for regular, full time employees and dependents (dependents to include domestic partners as defined by Broward County's registration of domestic partners or any other county/state registration of domestic partners), subject to the following conditions:
  - (a) Effective in the first full pay period beginning on or after the ratification date of this 2013-2015 Agreement, the contribution for active employees electing health coverage shall be as follows:

For all employees hired prior to October 1, 2002

- Employee coverage = \$55.00 bi-weekly
- ii. Employee +1 Dependent coverage = \$75.00 bi-weekly
- iii. Employee + Family coverage = \$85.00 bi-weekly
- (b) Effective in the first full pay period after the ratification date of this 2013-2015 Agreement, the required employee co-pays for Enterprise Fund positions shall be increased to the amount paid by all other bargaining unit members (so all unit employees shall have the same \$40.00 co-pays).
- (c) Effective in the first full pay period after the ratification date of this 2013-2015 Agreement, all employees hired after October 1, 2002 shall pay the same as current employees for Employee coverage and shall pay the following amounts for dependent coverage:
  - i. Employee +1 Dependent coverage = \$130.00 bi-weekly
  - ii. Employee + Family coverage = \$165.00 bi-weekly
  - iii. New annual rates for dependent and family coverage for employees hired after October 1, 2002, will be established each year, and the employee contributions will be subject to a maximum increase of twenty dollars (\$20.00), with any increase in the contribution rate beginning as of January 1 each year.
- Sec 2: Effective upon the ratification date of the 2013-2015 Agreement, the City shall create a Flexible Spending Account (FSA) for each employee, with the

following amounts made available to each employee each calendar year thereafter, which will be based on the number of dependents the employee has on the City's health plan in January: \$200 for single coverage; \$300 for single plus one dependent; and \$500 for single plus two or more dependents. Employees who are not covered by City health insurance shall have access only to the single coverage amount (\$200) in an FSA. The annual amount shall be available on a "use it or lose it" basis to use for IRS approved unreimbursed medical expenses, with unused amounts being returned to the health fund for use in funding FSA accounts the next year. The FSAs shall be subject to all applicable requirements and limitations set forth in federal laws and regulations. The City also agrees, however, that if the FSA program for employees covered by the IAFF/Fire or PBA/Police bargaining unit agreements is changed to allow the unused annual amounts to "carry over" from year to year, then the City agrees that it shall make that same change to the FSA program for AFSCME bargaining employees.

Sec.3: The City shall provide a dental insurance plan for its regular full-time employees and such dependents meeting eligibility requirements thereof at a total cost not to exceed \$19.00 per employee per month. Any premium requirements in excess of \$19.00 per employee per month will be borne by the participating employee. Effective on the ratification date of this Agreement, the vision and hearing program benefits shall be eliminated for all unit employees.

### Sec. 4:

- (a) Employees hired before July 15, 2009, who have ten (10) or more years of credited service and are age 55 or older or have twenty-five (25) years of credited service regardless of age, and retire upon leaving active service will have the option of continuing under the City's health insurance plan. There will be no cost to the retiree for his/her coverage. The retiree will be responsible to pay the full premium for Dependent coverage. The provisions of this section shall not apply to any employee who retired for any reason prior to April 1, 1988.
- (b) Employees cannot buy time for a qualifying event. The retiree shall have the right to continue their dental coverage upon retirement provided they pay the designated

premium. A surviving spouse shall have the right to continue the health and dental coverage provided he/she pays the designated premium for such coverage.

- service with the City with ten (10) or more years of credited service in the Pension Plan and are age 60 or older, or are age 57 with at least twenty-five (25) years of credited service, or who have thirty (30) years of credited service regardless of age, will have the option of continuing under the City's health insurance plan. They will contribute at the same rate as if they were an active employee for single coverage and they will contribute 100% of the premium equivalent for dependents. Additionally, such employees who continue on the City's plan during retirement shall contribute 100% of the single premium equivalent upon reaching Medicare eligibility.
- (d) Employees who retire with a duty related or non-duty related disability also have the option of continuing under the City's health insurance. Employees receiving duty disability will receive continuing health insurance for themselves and eligible dependents at no cost. Employees receiving non-duty disability will receive continuing health insurance for themselves at no cost providing they have ten (10) years of credited service prior to retirement and they shall be responsible for paying dependent health care. Employees who retire with a duty or non-duty related disability shall have the right to continue their dental coverage for themselves and eligible dependents upon retirement provided they pay the designated premium.
- Sec. 5: The City shall provide a term life insurance policy in the face amount of \$25,000.00 with double indemnity provision, for each employee; said term shall be for the term of active employment of the employee and shall cease upon the employee's separation of service for any reason. Active employees will be covered under the basic life insurance policy and have the option to be covered under supplemental policies if chosen. Participants will be subject to the terms and conditions of the existing policy.

## ARTICLE 25 - SAFETY COMMITTEE, EQUIPMENT AND APPAREL

- Sec. 1: The Employer and the Union recognize the importance of an adequate Safety Program. Safety committees shall be established and maintained by Departments. Oversight of such committees will be performed by the Risk Manager or his/her designee.
- Sec. 2: The Employer agrees to institute safety inspection programs on a semi-annual basis on all aerial vehicles. These inspections are to be made by qualified personnel. At least one inspection per year shall be performed by a certified agency. If any safety equipment or apparel is required by the City in any work area, such equipment or apparel shall be furnished by the City at no cost to the Employees. Failure of Employees to wear said furnished apparel or to use said furnished equipment, or failure of an employee to perform their job in a reasonably safe manner, may result in disciplinary action.
- Sec. 3: Employees who are required to wear eye protection and wear prescription glasses will be reimbursed the cost differences not to exceed \$50.00 per year, between regular prescription glasses and industrial safety glasses. Prior to utilization, employees shall make a request in writing and receive written approval from their Department or Division Head. Proof of purchase and payment shall be submitted through channels.
- Sec. 4: In the event said glasses are broken during the course of employment, as a result of being struck by an object as outlined in 3 referenced above, the City shall pay the full reasonable replacement cost unless employee's carelessness caused the loss.
- Sec. 5: If an employee believes he is being required to work under unsafe conditions, he shall notify in writing his immediate supervisor who will investigate the condition within one working day and take corrective action, if warranted. The supervisor will respond in writing to the employee and copy the Risk Manager within two (2) working days. No employee shall be disciplined for refusing to work under unsafe conditions.
- Sec. 6: The City shall provide waterproof sunscreen lotions with an SPF of 40 or greater to all outdoor City employees. The City will provide an allowance of thirty-

five (\$35) annually to full-time Marine Safety Officers, and Lieutenants for the acquisition of sunglasses. The City will also provide a changing facility for Beach Safety personnel and protective covers/awnings for the lifeguard chairs.

- Sec. 7: The City will establish and implement a citywide lightning policy based upon the advice of an outside lightning expert selected after consultation with the union.
- Sec. 8: The City shall provide adequate hydration products to all employees whose work is done primarily outdoors. These beverages shall be made available anytime the temperature reaches or exceeds 85 degrees.
- Sec. 9: The City will provide vaccines as recommended by the Centers for Disease Control (CDC) at the request of any bargaining unit employee whose position puts him/her at risk, or any member who in the course and scope of his/her duties comes in contact with any type of substance that could place the employee at risk.

## **ARTICLE 26 - WORK RULES**

- Sec. 1: All rules and regulations in effect on the effective date of this Agreement will remain in full force and effect for the duration of this Agreement unless modified in accordance with the provisions of this article.
- Sec. 2: The City will issue a copy of the Rules and Regulations to each new employee, upon hire, who is subject to those Rules and Regulations. Each employee will provide written acknowledgment of his/her receipt of the Rules and Regulations and will be held accountable for compliance therewith.
- Sec. 3: In the event that the City wants to institute a new work rule or modify an existing work rule ("Proposed Rule"), the City may do so pursuant to the following procedure:
  - The City shall provide a copy of the Proposed Rule to the Union.
- b. The Union may request, within 10 working days of receipt, to negotiate over the Proposed Rule if the Union claims that the Proposed Rule affects wages, hours of work and other terms and conditions of employment or has the practical consequence of violating this Agreement.
- c. If no request for negotiation is made within 10 working days from the time the Union receives the Proposed Rule, the Proposed Rule may be implemented by the City.
- d. If a request to negotiate is timely received with respect to a Proposed Rule, the City and the Union shall meet in an attempt to mutually agree upon the Proposed Rule.
- e. If the parties agree on the Proposed Rule, the rule will be implemented as agreed upon.
- f. In the event that the City and the Union fail to agree on a Proposed Rule, and providing the Proposed Rule meets the standards in paragraph b, the dispute shall go to arbitration. The arbitration shall be expedited and the arbitrator shall be requested and mutually agreed to, by both parties, to make a prompt award without a written opinion. If the arbitrator finds that the Proposed Rule violates the specific written terms of this Agreement or is unreasonable, then the Proposed Rule shall not be

implemented. The Proposed Rule shall not be implemented until after the arbitrator's award is received and then only if the City prevails.

Sec. 4: There shall be a single set of Rules and Regulations applicable to all employees of the City. This shall not prohibit any department from adopting written operational procedures specific to the needs of that department. Written operational procedures established by any Department shall be distributed to all employees in that department. Each employee will be provided with the operational procedures and acknowledge in writing his/her receipt of such written operational procedures. Copies of departmental written operational procedures shall be provided to the Union. In the event of a conflict between written operational procedures and the single set of Rules and Regulations, the single set of Rules and Regulations will control.

# **ARTICLE 27- UNION BULLETIN BOARDS**

- Sec. 1: The Employer will make available to the Union a minimum of forty (40) Bulletin Boards (approximately 2' by 3') to be used for the posting of Union Notices and other Union information. The Union and Management will agree upon the location of said boards. However, such bulletin boards will not be placed in areas readily accessible to the general public.
- Sec. 2: Notices will be posted only with the prior approval of the President of Local 2432, or designee.

# **ARTICLE 28 - LAY-OFF AND RECALL**

- Sec. 1: Seniority lists shall be established for each class title affected by a lay-off or abolishment of positions. All regular employees occupying positions in the affected class title shall be placed on a seniority list. In the event it is necessary to reduce the workforce, including abolishment of positions, employees shall be laid off in inverse order of seniority, i.e., junior employees first.
- Sec. 2: An employee who is laid off or whose job is abolished pursuant to Sec. 1 shall, based on City-wide seniority, have the option of bumping either laterally or downward to a class title for which the employee is reasonably qualified and/or has the ability to be trained to perform the essential tasks of the job within ninety (90) days of appointment. In the alternative, employees may, at the non-arbitrary discretion of the City Manager, be placed into a higher paid class title if qualified. Qualification criteria shall be based upon the approved position description.
- Sec. 3: In the event of a lay-off, the City will make every effort to give as much notice as possible. In no event will employees receive less than a three (3) week notice of lay-off, or, in lieu of notice, three (3) week pay at the employee's regular rate of pay in addition to all paid accrued leaves. The Union shall be furnished copies of all lay-off notices three (3) days prior to notices being furnished to the affected employees.
- Sec. 4: Employees laid-off, demoted or transferred due to the exercise of their bumping rights or due to being bumped or whose positions are abolished, shall be placed on recall lists and recalled in order of seniority. Re-appointment shall be to any vacancies which exist, first, in the class title from which the employee was laid-off; and second, in any position for which the employee is reasonably qualified and possesses City-wide seniority. Laid-off employees shall have the first right to recall for vacancies in the class title from which they were laid-off.
- Sec. 5: Any employee, whose name is listed on a recall list, who refuses appointment to a position with a lower paygrade, will have up to three (3) opportunities to be rehired to a class title with a lower paygrade for a position for which the employee is reasonably qualified. If there is more than one position available, the employee shall be given the option of choosing the one equal to or closest to his/her former pay grade. If all

- three (3) opportunities are declined, the employee shall have no further right to recall to a class title with a lower paygrade.
- Sec. 6: Employees refusing re-employment in a class title with an equal or higher paygrade shall have no further rights to recall for that class title.
- Sec. 7: Employees refusing recall to their originally held class title and paygrade lose all recall rights, and if at the time of this recall they are employed in a lower classification, the employee's pay shall be lowered to the pay grade level applicable to the employee's years of service for that lower paid class title.
- Sec. 8: If the recalled employee fails to respond in writing within (14) calendar days of the receipt of the notice of recall letter, then he/she shall be deemed to have refused the position offered.
- Sec. 9: In the event an employee is not rehired or recalled within thirty-six (36) months following the date of his/her layoff, the City's obligation to recall that employee shall cease and his/her name shall be removed from the recall list.
- Sec. 10: The City will provide the Union with the entire City recall list, biannually. The list will include dates of hire, dates of lay-off, classification(s) the laid off employee previously held and the name of the Department, Division or Office in which the employee worked on the date of the lay-off.
- Sec. 11: Those employees who are afforded Veteran's Preference rights pursuant to Section 295.07 (1) (a–d), Florida Statutes, ("qualified employees") shall have their seniority dates adjusted solely for retention/layoff purposes as set forth in this Article in the following manner:
  - Three (3) months of City Service time ("City-wide seniority) shall be added to the City-wide seniority of qualified employees who have been employed by the City of Hollywood for five (5) years or less.
  - Six (6) months of City Service time ("City-wide seniority") shall be added to the City-wide seniority of qualified employees who have been employed by the City of Hollywood for more than five (5) years.

## **ARTICLE 29 - GRIEVANCE PROCEDURE AND ARBITRATION**

- Sec. 1: (a) The City and the Union have negotiated a grievance procedure to be used for the settlement of disputes involving the interpretation or application of the collective bargaining agreement. Such grievance procedure shall have as its terminal step a final and binding disposition by an impartial neutral, mutually selected by the parties. However, an arbitrator or other neutral shall not have the power to add to, subtract from, modify, or alter the terms of the collective bargaining agreement.
- (b) The Union may exercise its right not to process a grievance of a non union member. Additionally, if the Union declines representation, any employee may elect to process a grievance over disciplinary actions without Union assistance. In such case, the Union will notify the member and the City and upon such notification, the City shall thereafter conduct all official communication directly with the aggrieved employee(s), with a copy to the Union including dates of any hearings. Nothing in this section shall prohibit the Union from participating at any grievance step when it deems it necessary to protect the integrity of this Collective Bargaining Agreement.
- Sec. 2: Any grievance defined as a claim reasonably and suitably founded on a violation of the terms and conditions of this Agreement, shall systematically follow the steps outlined below as the Grievance Procedure. Any grievance filed shall refer to the article(s) of this Agreement alleged to have been violated, and shall set forth the facts pertaining to the alleged violation or violations and shall include the corrective action or actions requested by the aggrieved party. A grievance must be communicated in writing to the employer by the Union within fourteen (14) calendar days from the events giving rise to the grievance or as soon as might reasonably be known to exist, otherwise it is deemed to be waived.
- Step 1: The written grievance shall be presented to the Department Director or his/her designee. The grievance will be dated and signed by the Union representative, or the aggrieved employee if the Union is not processing the grievance. The Department Head or his/her designee shall acknowledge receipt of the grievance by stamping it with the date and time, with a copy to the Union. The Department Head shall, within seven (7) calendar days conduct a meeting between

himself/herself, the aggrieved employee(s) and/or the Union representative. The Department Head shall give the decision to the Union in writing, with a copy to the aggrieved employee(s), or the aggrieved employee if the Union is not processing the grievance, within seven (7) calendar days following the meeting date.

Step 2: If the Union, or the aggrieved employee if the Union is not processing the grievance, is not satisfied with the decision rendered at Step 1, the Union, or the aggrieved employee if the Union is not processing the grievance, may, within seven (7) calendar days from the written decision rendered at Step 1, forward the written grievance to the office of the City Manager (stamped in with date and time). The City Manager or his/her designee shall meet with the aggrieved employee(s) and/or his/her Union representative(s) within seven (7) calendar days after receipt of the grievance. The City Manager or his/her designee shall furnish a copy of his/her decision, in writing, to the Union, or the aggrieved employee if the Union is not processing the grievance, within seven (7) calendar days after the meeting.

Step 3: If the Union, or the aggrieved employee if the Union is not processing the grievance which challenges a disciplinary action against that employee (but not a contract interpretation grievance), is not satisfied with the decision rendered at Step 2, the Union, or the aggrieved employee if the Union is not processing the disciplinary grievance, may, within fourteen (14) calendar days from receipt of the City Manager's decision, submit the grievance to arbitration, by requesting a list of arbitrators from the Federal Mediation and Conciliation Service (F.M.C.S.) or the American Arbitration Association (AAA), the choice of agency within the discretion of the Union. Only the Union is authorized to take contract interpretation grievances to arbitration. The request shall seek a panel of eleven (11) names, and either party may request a second panel of names. The parties shall strike names alternatively from the list of names to select the neutral arbitrator. The award of the arbitrator shall be final and binding on all parties.

Sec. 4: Rules for Grievances and Arbitration processing:

(a) The grievance shall be submitted on an Official Grievance form. Attachments may be added, if needed. The City and the Union, or the aggrieved employee if the Union is not representing the employee, shall mutually agree in writing as

to the statement of the grievance to be arbitrated before the arbitration hearing, and the arbitrator shall confine his/her decision to the grievance submitted. In the event the parties are unable to agree on the statement of the grievance to be submitted to the arbitrator, then the arbitrator shall confine his/her consideration and determination to the written statement of the grievance at Step 1 and any defenses raised by the City.

- (b) Time limits at any step in the grievance process may be extended only by mutual written consent of the parties involved at that step.
- (c) A grievance not advanced to the higher step within the time frames provided shall be deemed permanently withdrawn as having been settled on the basis of the decision most recently given. Failure on the part of the employer or his/her designee to answer or meet within the time limits provided at Step 1 or 2 will cause the grievance to be considered resolved in favor of the grievant or the Union and all parties will abide by the "corrective action or actions requested" on the grievance form or attachments.
- (d) Notice that a grievance shall be advanced to the next point in the process shall be given by (a) hand delivery or (b) certified mail, return receipt requested or (c) in the case of notice to the Union by date stamping and depositing in the Union mailbox in the Human Resources Division. Hand deliveries will be documented by a date-stamped photocopy or by a dated signature of the recipient. Grievances delivered via certified mail shall be considered properly advanced as of their postmark, but shall not be considered to have been received by the next party until the actual date of delivery or date of refusal of delivery. Grievances deposited in the Union mailbox shall be considered properly advanced when date stamped, but shall not be considered received until picked up by the Union, as indicated by date stamp, with a copy to the City. The clock will start the day after delivery or pick up.
- (e) On-duty personnel called by the Union, or the aggrieved employee if the Union is not processing the grievance as a witness shall remain in pay status only during their normal duty hours while appearing at the hearing. Such personnel shall respond to subpoena on as-needed basis to minimize waiting time so as not to disrupt the operations of their department. Hearings shall be held in hearing rooms provided by the City, in City facilities at no charge to the Union.

- (f) The parties agree that in accordance with current practice, both the City and the Union, or the aggrieved employee if the Union is not processing the grievance, will have the option of electronically recording (through audio or video tape) all steps of the grievance procedure as outlined in Section 2 above, including the arbitration hearings. Any party desiring a transcript shall bear the cost of such transcript unless both parties mutually agree to share said cost.
  - (g) The arbitrator's bill shall be paid by the party that does not prevail.
- (h) All employees covered by this Agreement shall have no other right to utilize any appeal process, (specifically the Civil Service Procedure) other than the grievance procedure described herein.
- (i) The City shall furnish the Union with copies of grievances filed by non-Union members as soon as practicable but in no event less than two days prior to the initial meeting of the grievance procedure.
  - (i) Grievances shall be settled as expeditiously as possible.

# ARTICLE 30- FAMILY MEDICAL LEAVE ACT / SPECIAL LEAVE / LEAVE OF ABSENCE WITHOUT PAY

## Sec. 1: FAMILY MEDICAL LEAVE ACT (FMLA):

A. An employee who has worked with the City at least twelve (12) months and who has worked at least 1250 hours in the last twelve (12) months prior to the beginning date of the leave may be entitled to twelve (12) work weeks of unpaid, job-protected leave during a twelve (12) month period for specified family and medical reasons, as defined and controlled by the Family and Medical Leave Act of 1993 and U.S. Department of Labor FMLA Regulations, as may be amended from time to time.

#### B. Eligible Reasons for FMLA Leave:

- 1. birth and care of a newborn child of the employee;
- placement with the employee of a child for adoption or foster care;
- care for an employee's spouse (or registered domestic partner as defined by Broward County's registration of domestic partners or any other county/state registration of domestic partners), parent, or child with a serious health condition (as defined by the FMLA);
- serious health condition that makes the employee unable to perform the functions of the employee's job;
- exigency related to active duty military service by the employee's immediate family member
- 6. up to twenty six (26) weeks of leave may be taken to care for a spouse, son, daughter, parent, or next of kin who is a member of the Armed Forces and who is undergoing medical treatment or who is medically unfit to perform military duties due to an injury or illness incurred while on active duty.

#### C. Procedure

An employee requesting FMLA is required to utilize all accrued leave benefits before becoming eligible for unpaid leave. Use of accrued leave will be counted as part of the family leave time entitlement. An employee is not entitled to accrue leave during any period of unpaid leave.

Employees requiring the use of FMLA Leave must submit a FMLA application to their Department Head no later than thirty (30) days prior to the need for such leave unless it is an unforeseeable emergency. The City may automatically designate FMLA when an absence meets FMLA qualifications.

 Leave may be requested on a continuous basis, intermittent basis or on a reduced work week schedule, if medically necessary. The employee must provide medical certification within fifteen (15) days of the date requested. The employee must attempt to schedule their intermittent or reduced leave so as not to disrupt the organization's operations. The employee may be required to transfer temporarily to a position with equal pay and benefits that better accommodates recurring periods of leave or a reduced work schedule.

- 2. Upon returning from FMLA the employee is entitled to return to the same position held when the leave began or to a similar position with equivalent benefits and pay, unless the position would have been eliminated had the employee not been on leave. In such circumstances, the employee may apply for any other vacant position for which they are qualified. Should the leave continue beyond the twelve (12) work week period, reinstatement rights are at the discretion of the City.
- 3. An employee granted FMLA will continue to be covered under the City's insurance plans under the same conditions and coverage as would have been provided if the employee had been actively employed during the leave period. However, if any part of the leave is unpaid, the employee must make payment arrangements for the benefit contributions that are normally deducted from their paycheck.
- 4. An employee who is absent from work for three (3) days or more, due to personal illness/injury, must provide Human Resources with a fitness-forduty certification signed by their physician certifying their fitness to return to work. If restrictions are listed, reinstatement will be at the discretion of the City.
- 5. An employee who fails to return to work on the date specified on the leave request form without receiving an extension in advance is subject to disciplinary action up to and including termination. Employees who do not return from FMLA leave must reimburse the City for the value of their any health insurance premium payments made on their behalf during the duration of the leave, unless the employee is physically unable to return to work.

# Sec. 2: SPECIAL LEAVE:

A. An employee who incurs a temporary medically disabling condition, not attributable to work, may upon written request be granted a Special Leave. The initial period for said Special Leave shall not exceed three (3) months. Upon further written request, the Department Head may extend such leave up to an additional nine (9) months. The total combined Special Leave shall not exceed twelve (12) months. Upon return, the employee shall present a letter from his/her physician stating that the employee is fit to return to full, unrestricted duty.

- B. This leave is available for an FMLA qualifying event, once the employee has used all available FMLA Leave, if applicable, as provided above. Once FMLA leave is exhausted, Special Leave may be approved for up to nine (9) months. The total of FMLA Leave and Special Leave shall not exceed twelve (12) months.
- C. An employee requesting Special Leave is required to utilize all accrued leave benefits before becoming eligible for unpaid leave. Employees will not receive holiday pay, or earn any accrued leave or pension benefits, or be entitled to any other benefits of employment other than health and life insurance (at the employee's expense as stated in Section C. 3, above) while on any unpaid leave.
- D. An employee who incurs such a temporary medically disabling condition during a probationary period may, at the discretion of the Department Head and City Manager, be granted a Special Leave as indicated above. If Special Leave is granted, the employee's probationary period shall be suspended at that point. Upon the employee's return to work, the probationary period shall be resumed so that the total number of months spent on special leave shall be spent in a probationary status and a full probationary period shall be served.

## Sec. 3: LEAVE OF ABSENCE:

- A. Upon written request, a leave of absence (paid or unpaid) for a period not to exceed thirty (30) calendar days may be granted to an employee for any reasonable purpose by the Department Head so long as it does not hamper the efficient operation of the City and/or Department.
- B. Such leaves may be renewed or extended for a period up to sixty (60) calendar days, if requested, in writing, and approved by the City Manager or designee. The denial of a leave of absence under this section shall not be grievable. In certain circumstances, and at the sole discretion of the City Manager or designee, an employee may be allowed to use accrued paid leave while on a leave of absence.
- <u>Sec. 4:</u> No employee who is granted FMLA, Special Leave, or an Unpaid Leave of Absence may engage in work for profit during said leave without the express permission of the City Manager.

## **ARTICLE 31 - SAVINGS CLAUSE**

- Sec. 1: If any provisions of this Agreement, or the application of such provision, shall be rendered or declared invalid by any court of competent jurisdiction, the remaining parts or portions of this Agreement shall remain in full force and effect. The parties agree to meet at a reasonable time to renegotiate a replacement provision.
- Sec. 2: If any provision of this Agreement, or the application of such provision is in conflict with existing mandatory Federal or State Laws, or mandatory provisions of the City Charter, such provisions shall be renegotiated and the appropriate mandatory provisions shall prevail.
- Sec. 3: If any provision of this Agreement, or the application of such provision, is increased or modified by action of the State Legislature, the parties agree to immediately reopen negotiations on that provision and that both parties agree to negotiate in good faith to reach an expedient resolution. If after the issue is raised by either party and no agreement has been reached within sixty (60) days, both parties agree to commence impasse resolution proceedings.

## **ARTICLE 32- HOLIDAYS**

Sec. 1: The following legal holidays will be observed:

New Year's Day

Martin Luther King Jr.'s Birthday

George Washington's Birthday (President's Day)

Memorial Day

Fourth of July (Independence Day)

Labor Day

Veteran's Day

Thanksgiving Day

Day after Thanksgiving

Christmas Eve

Christmas Day

New Year's Eve

Employee's Birthday: The birthday holiday shall be taken at the discretion of the Employee with the consent of the Employee's Supervisor, provided the Employee shall not receive the holiday more than one (1) week prior to the actual birthday. Birthday holidays must be used within 366 days of the birthday.

Sec. 2: All employees whose work week is comprised of four ten (10) hour shifts, and who work on the Holiday, shall receive ten (10) hours of Holiday pay. Personnel working on a regular ten (10) hour work schedule, who are scheduled to work on a holiday, and are unable to work due to illness, will receive ten (10) hours pay for that date, none of which is chargeable to sick leave.

Sec. 3: Non-sworn Police Department employees and employees of Beach Safety and the Golf Course who have their holidays added to their vacation will continue this practice and in addition, will receive two (2) floating holidays per calendar year. Said holidays must be requested ten (10) working days in advance of the date requested. In the event of manning and scheduling conflicts, Management reserves the right to deny the request for a particular day. In any event, subject personnel will receive two (2) floating holidays off each contract year. The only employees eligible for these two (2)

floating holidays shall be employees in the job classifications of Tele-communicator I, Tele-communicator II, Communications Shift Supervisor, Community Service Officer, Crime Scene Technician (with the exception of photo imaging and fingerprints), Store Keeper, Marine Safety Officer, Marine Safety Lieutenant, and Marine Safety Captain who work on observed holidays and in lieu of holiday pay have their holiday hours added to their vacation. The Police Chief and Fire Chief, in their sole discretion, shall determine which job classifications are required to work on observed holidays and will be therefore eligible for the two (2) floating holidays.

Sec. 4: In accordance with standing procedure, an employee must be in pay status on his workday immediately preceding and immediately following the holiday to be eligible to be paid for the holiday.

## ARTICLE 33 - OFFICIAL DUTY USE OF PERSONAL VEHICLE

- Sec. 1: Whenever an employee covered by this Agreement is authorized by his/her Department/Division Head to use his/her own vehicle in the performance of his/her official City duties, the employee will be compensated at the rate authorized by State Statute (F.S. 112.061) or IRS code, whichever is greater.
- Sec. 2: An employee shall not be required to use his/her own vehicle without his/her consent in the performance of his/her official City duties.
- Sec. 3: Whenever an employee receives written authorization from his/her Department/Division Head to use his/her own vehicle in the performance of official City duties, the employee's vehicle shall be protected by the City's motor vehicle insurance plan.
- Sec. 4: An employee who is requested to use his/her own vehicle to perform official City business as authorized by his/her Department/Division Head shall be required to complete an official car expense report as prepared by the City. Such report shall include an accounting of all expenses for which reimbursement is requested.

## **ARTICLE 34 - BEREAVEMENT LEAVE**

Sec. 1: In the event of death in the immediate family, an Employee shall be granted up to a maximum of three (3) working days leave with pay. Said leave is not to be charged to accrued sick leave. The City reserves the right to request proof of death. For purposes of Bereavement Leave, immediate family is exclusively defined as current spouse, children, mother, father, brother, sister, mother-in-law, father-in-law, brother-in-law, sister-in-law, grandparents, grandparents-in-law, grandchildren, step-mother, step-father and domestic partners as defined by Broward County's registration of domestic partners or any other county/state registration of domestic partners. Upon notice of the death, a three-day leave shall be granted. Consideration may be given for bereavement leave for other relatives related by blood, where the relative at the time of death had legal residence in the employee's household or for persons who at any time prior to their death were legal dependents of the employee. Proof of relationship and/or legal dependency may be required.

Sec. 2: An employee eligible for bereavement leave pursuant to Section 1 of this Article which resulted from a death which occurred, or a funeral which is being held and attended by the employee, outside of the State of Florida will be granted an additional two (2) days of bereavement leave (total of five). Acceptable proof of attendance at a funeral may be requested. What will be deemed acceptable proof of attendance will be determined by the Office of Human Resources.

## **ARTICLE 35 - JURY DUTY AND SUBPOENAS**

- Sec. 1: Any employee, including regularly scheduled part-time employees who have worked fifteen hundred (1,500) hours in the previous fiscal year, lawfully summoned for Jury Duty shall present the summons to his/her supervisor on the first work day following receipt of same. The supervisor shall note the dates of reporting and shall schedule the employee for official jury leave for the period concerned.
- Sec. 2: Upon reporting to the Courts for said Jury Duty, the employee will present a form to the Court Clerk for recording his attendance; the necessary form is to be obtained by the supervisor for the employee from the Office of Human Resources in advance of reporting. The Court Clerk will return the completed form to the Office of Human Resources. The form will include tear-off receipts to show it has been received by the Court.
- Sec. 3: The employee shall be paid his/her regular day's wage for each day served on Jury Duty, as for a normally scheduled workday. If the employee is excused in advance by the Court, for any full day during the service period, he/she shall report for his/her normal workday to perform his/her regular and usual duties. The employee shall sign over to the City all fees received from the Court for his/her jury service less any amounts paid as mileage or meal allowances. Payment of regular salary for Jury Duty service shall not exceed fifteen (15) days in any twelve (12) month period; except that upon review by the City Manager, this may be extended.
- Sec. 4: The City reserves the right to request from the proper authorities that the employee be excused from Jury Duty, when in the judgment of the City, his/her services are necessary to the City.
- Sec. 5: The provisions of this Article are not applicable to an employee who without being summoned, volunteers for Jury Duty.
- Sec. 6: The provisions of this Article shall apply when an employee who is scheduled to work is subpoenaed to appear as a witness in any judicial/administrative forum arising from the employee's employment with the City. In these circumstances, if an employee is off-duty and subpoenaed to appear as a witness for the City, the call-out rate shall apply.

# ARTICLE 36 - LONGEVITY COMPENSATION

#### Sec. 1:

- (a) Effective in the first full pay period beginning on or after the date the 2013-2015 Agreement is ratified, all unit employees with ten (10) years, fifteen (15) years and twenty (20) years of continuous service with the City shall prospectively receive additional compensation over and above the employee's grade and step upon attainment of his 10, 15 and 20 year anniversary as follows:
  - (1) 10 years of service = 5.0%
  - (2) 15 years of service = 3.0%
  - (3) 20 years of service = 2.0%
- (b) Employees in positions paid from the City's General Funds who reached one of these longevity compensation anniversary dates on or after October 1, 2011 (when the longevity compensation was eliminated for such General Fund employees) but before the first full pay period on or after the ratification date of the 2013-2015 Agreement, shall be prospectively paid the longevity compensation in the first full pay period beginning after the ratification date of this Agreement.

#### **ARTICLE 37 - VACATIONS**

All regular full time Employees shall accrue paid vacation following their employment anniversary date as set forth below:

Sec. 1: Employees who regularly work forty (40) hours per week shall accrue vacation leave as follows:

(a)	up to 7 completed yrs.	10 days
(b)	more than 7 but less than 10 completed years	14 days
(c)	more than 10 but less than 15 completed years	18 days
(d)	more than 15 but less than 20 completed years	20 days
(e)	more than 20 years and thereafter	25 days

- Sec. 2: Whether Employees work a five (5) day, eight (8) hour per day work week, or a four (4) day, ten (10) hour per day work week, vacations will be based on forty (40) hours pay for each full vacation week.
- Sec. 3: Vacations shall be chosen by citywide seniority by job classification within a Division, unless a particular work group within a Division unanimously agrees to continue the existing vacation selection method. Holidays occurring within a vacation may be added to the vacation.
- Sec. 4: Employees who utilize their vacation other than in one consecutive period may exercise their seniority for the first vacation period and shall not select the second vacation period until all other employees in their group have selected a primary vacation.
- Sec. 5: Vacations shall be scheduled by the calendar year and Employees must select vacation periods by March 1, or sooner, each year. After completion of the first full year of service, vacation time accrued as of September 30 of each year is to be utilized during the following fifteen (15) months. Cash payments in lieu of unused vacation shall be made only on termination of employment or upon approval of the City Manager.
- Sec. 6: Vacation pay shall be computed by using the Employee's regular straight time rate of pay as of the first day of vacation. Employees may request their vacation pay in advance of any scheduled vacation leave by submitting a written request

to their Department Head four (4) weeks in advance of the day they want the vacation pay. Advance vacation pay will only be distributed on regular paydays. Advance vacation pay must be requested for entire pay periods.

#### **ARTICLE 38 - DISCIPLINARY ACTION**

- Sec. 1: It is agreed that the most effective means of maintaining discipline is through the promotion of cooperation and sustained good working relationships. In those cases where specific corrective action becomes necessary, the disciplinary measures taken shall be for just cause and shall be progressive; however, in specific instances where warranted, severe disciplinary measures up to and including termination may be imposed without utilization of progressive procedures. Disciplinary action shall be administered in a manner that is fair and consistent.
- Sec. 2: (a) When an employee is called in by his/her supervisor for the purpose of an oral counseling or warning, the employee shall not be entitled to have a Union representative present.
- (b) When an employee is called in by his/her supervisor or higher authority to receive a written warning, written reprimand, or other notice of discipline to be administered, he/she shall be entitled, at his/her request, to have his/her a Union representative.
- (c) When the Union representative responds pursuant to an employee's request under (b) above, the Union representative shall only advise the employee of his/her rights under the Contract; the Union representative shall not interfere in the conduct of the meeting nor shall he/she question or raise questions to the supervisor or other higher management authority.
- (e) While the parties understand and agree that a performance evaluation is not a form of disciplinary action and is not grievable, except as provided for in Article 17, Section 7, they realize that at times the employee will be counseled, warned or reprimanded, in writing, to improve deficient job performance. To this end, the following procedure will apply: When the supervisor calls the employee in to review a performance evaluation that is less than satisfactory in whole or in part, he/she is to so advise the employee who shall then be entitled upon request to have the Union representative present; the Union representative shall not interfere in the conduct of the meeting nor shall he/she question or raise questions to the supervisor. Any employee whose discipline involves suspension, demotion or termination shall be notified that they

will be called in for a disciplinary session not later than midday of the previous day so that the employee may arrange for union representation if he/she so chooses. If an attorney will be representing the employee at the pre-disciplinary hearing, the hearing will be held within a reasonable period of time from receipt of the notice, provided that any time needed to accommodate a schedule conflict shall be excluded from the forty-five (45) day rule provided in section 5 below.

- Sec. 3: The City agrees to furnish the Union with a copy of any written disciplinary action notice issued to any employee in the Bargaining Unit.
- <u>Sec. 4:</u> Employees shall receive copies of Performance Reviews (Evaluations), Statements and all disciplinary action at the same time the documents are filed in the Employee's personnel folder.
- Sec. 5: Discipline and/or counseling will be carried out in a manner which does not embarrass or humiliate the employee and shall be imposed by the City no later than forty-five (45) days from the time the City, including immediate supervisors and any other supervisors and any other superiors in the employee's chain of command outside of the bargaining unit, knew or should have known of the violation. Any imposition of discipline shall be within the aforestated 45-day rule regardless of the duration of time that it takes for the City to complete any and/or all investigation of the alleged violation(s).

The 45 day rule in the aforestated paragraph shall be applicable to all City employees except those employed by the Police Department. Discipline imposed upon employees employed by the Police Department when the alleged violation is being investigated by Internal Affairs shall be imposed within ninety (90) days from the time the Police Department, including immediate supervisors and any other superiors outside of the bargaining unit in the employee's chain of command, knew or should have known of the alleged violation. Any imposition of discipline shall be within the aforestated 90 day rule regardless of the duration of time that it takes for the Police Department to complete any and/or all investigations of the alleged violations.

Discipline imposed upon employees employed by the Police Department which involve alleged violations which are not investigated by Internal Affairs but by another investigatory arm of the Police Department shall be imposed within 45 days from the time that the Police Department, including immediate supervisors and any other superiors

outside of the bargaining unit in the employee's chain of command, knew or should have known of the alleged violation. Any imposition of discipline shall be within the aforestated 45 day rule regardless of the duration of time that it takes for the Police Department to complete any and/or all investigation of the alleged violations.

Sec. 6: In disciplinary action appeals from discharge, suspension or demotion, if the action is reversed through an arbitration, then, all reference to the allegations, including but not limited to those contained in the Employee's personnel file shall be boldly marked with the word "Rescinded" across the body of the writing/documents.

Sec. 7: If an employee does not repeat the offense leading to a written reprimand, for a period of 12 months from the date of the written reprimand, then that written reprimand will not be used as the basis for a future disciplinary action unless a second offense occurs within the 12 month period.

Sec.8: Whenever the imposed discipline is in the form of a suspension without pay, the employee may elect to forfeit accrued vacation, blood, compensatory or holiday leave, if any, equal to the suspension, in lieu of the loss of pay; if the employee elects this option, such election shall be conditioned upon full waiver of any and all rights to appeal the suspension.

Sec.9: Employee suspensions will not be served until at least fourteen (14) calendar days after the final date of notification. If the employee chooses to appeal a suspension through the grievance and arbitration procedure, the suspension will be held in abeyance until the appropriate appeal process has been concluded.

# **ARTICLE 39 - FOOD AND SUPPLIES**

- Sec. 1: Emergencies. In the event of a hurricane or other unusual emergency condition as determined by the City Manager or his/her designee, the City will provide food/sandwiches, beverages and necessary supplies, unless prevented from doing so due to emergency conditions, to any member covered by this Agreement who:
- (a) is held over more than 3 hours beyond his/her regularly scheduled shift without a break, and is not permitted to leave the work site to obtain food;
   or
- (b) is called back after having completed his/her normal workday, with less than 3 hours intervening. Food provisions for utility personnel shall be provided separately from food supplies for other employees.
- Sec. 2: Holdovers. In other circumstances, employees working in the Public Utilities and/or Public Works departments that are held over in an overtime capacity and not given the option to eat at home shall be compensated as follows:
- (a) an employee required to holdover 6 hours or more but less than 8 hours shall receive \$10.00 for a meal and twenty (20) minutes on the clock for a meal break;
- (b) an employee required to holdover 8 hours or more shall receive \$16.00 for meals and forty (40) minutes on the clock for meal breaks.

In all cases, one person will pick up food for all employees held over, except that at the sole discretion of the Supervisor, others may be allowed to leave the plant site for a specified period of time.

# **ARTICLE 40 - SERVICES TO THE UNION**

Sec. 1: The City agrees to furnish one copy each to the Union at no cost:

City Commission Meeting Agendas

City Commission Meeting Minutes

Proposed and Final Budget

Civil Service Board Agendas and Minutes

Civil Service Examination Announcements

Civil Service Certified Eligibility Lists

Revisions to Job Classification Specifications

Civil Service Rules and Regulations

Employee Rules and Regulations (except Sworn Police Officers and

Certified Fire Personnel).

Citywide Administrative Orders and Personnel Policy Procedures Pertaining to the Bargaining Unit.

Semi-annual list of all employees in the Bargaining Unit, including classification, date of hire, and departmental assignment; home address, zip code, and home telephone number will be provided in the months of April and October, each year.

Bi-weekly list of employees hired into or separated from the Bargaining Unit.

General Employees' Pension Board Agendas, Minutes and Quarterly Reports including annual Actuary Report upon acceptance by the Pension Board.

Citizen's Budget Advisory Board Agendas and Minutes.

Other board agendas and minutes that may pertain to the Bargaining Unit, as requested by the Union.

Safety Committee Meeting Minutes

Sec. 2: The Union President or authorized representative agrees to pick up the copies referred to in Sec. 1 above from the Human Resources Director upon notification of their availability.

- Sec. 3: The parties agree that the City will not have any liability if they inadvertently neglect to provide any of the above-mentioned services to the Union.
- Sec. 4: The City will provide 300 copies of the contract to the Union at no charge and an electronic (pdf) copy.
- Sec. 5: The Union shall continue to maintain a locked mailbox in the Human Resources Division for all correspondence from the City to the Union. Notices shall be date stamped by both the City and the Union.
- Sec. 6: Upon execution of this Agreement, the City will provide the Union with an electronic copy of the agreement.

# ARTICLE 41 - SERVICE POINTS - CIVIL SERVICE EXAMS

- Sec. 1: All employees of this bargaining unit shall receive one-half (1/2) point per full year of City of Hollywood service credited on any Civil Service exam taken, regardless if the exam is an "open competitive" or "closed competitive". Part-time employees shall receive one-quarter (1/4) point per full year of City of Hollywood service credited on any Civil Service exam. These service points will be added in addition to the test score of such exams, and the total of both shall be the final score of employees. These City of Hollywood service points shall be separate from any Veteran's points due to employees. In order to utilize service points, employees must first obtain a passing grade.
- Sec. 2: "Closed Competitive" exams will be given for those positions which are described in Section 5 of this Article whenever a vacancy occurs in a listed position and a valid eligibility list is not available. However, if after closing the application process there are four (4) or fewer qualified applicants for the position, the City reserves the right to hold an "open competitive" process to establish a new eligibility list.
- Sec. 3: The exam process and content for all open and closed civil service exams will be determined by the City, provided that changes to any exam content or process are not arbitrary or capricious. In all instances where an oral panel will be utilized for the exam process, the City will be guided by the limitations defined in Section 4 of this Article.
- Sec. 4: Oral examinations will normally be conducted by a board consisting of three members; however, due to unexpected cancellations, two members are acceptable. The oral board members will be chosen from a list of trained interviewers on a rotating basis to the greatest extent possible. For each specific oral examination, no person shall serve on the board who has a familiar relationship, or business association with any of the candidates. No person shall be allowed to continue on a specific board if he/she has been contacted by the hiring Department/Office on behalf of or against any of the candidates.
- Sec. 5: The following positions shall be tested as "closed competitive" promotional opportunities. Additions and deletions to this list of positions may be made upon mutual agreement between the City and the Union. The term "closed competitive"

shall mean that an employee may compete for a promotional opportunity if 1) he/she has been employed by the City on a continuous basis in a full-time or part-time capacity for a minimum period of one-year and; 2) he/she meets the minimum qualifications of the advertised position.

Administrative Secretary

Recreation Program Supervisor

Communications Shift Supervisor

Secretary

Senior Accounting Clerk

Utility Shift Supervisor

Accounting Clerk

Assistant Beach Patrol Superintendent

Beach Maintenance Supervisor

Chief Mechanic

Chief Building Inspector

Chief Electrical Inspector

Chief Plumbing Inspector

Computer Operator II

**Engineering Inspector** 

**Head Cashier** 

I.D. Technician I

I.D. Technician II

Code Enforcement Supervisor

Marine Safety Lieutenant

Parking Meter Checker Supervisor

Parking Meter Technician Supervisor

Plant Operator I - Rotator

Copy Center Supervisor

Public Works Supervisor

Refuse Collection Section Supervisor

Senior Procurement Specialist

Senior CADD Operator

Utility Engineering Technician II and III

Chief Utility Mechanic

Heavy Equipment Operator

Maintenance Technician

Packer Operator

Plans Examiner

Police Storekeeper

Treatment Plant Mechanic II

Senior Utility Field Technician

Meter Repair Technician II

# **ARTICLE 42 - SENIORITY**

#### Sec. 1: DEFINITION

- (a) Seniority as used herein is defined as the right accruing to employees through length of continuous service which entitles them to certain considerations and preferences as provided for in this Agreement. Seniority shall mean the length of continuous service an employee has with the City beginning with the date of hire. When there is a tie in City-wide seniority, the City will use the date stamp on the original application (for original appointment) for breaking the tie.
- (b) Probationary employees shall have no seniority rights. However, upon completion of an employee's probation, he/she shall be given seniority credit from his/her date of hire.
- (c) An employee's continuous service record shall be broken by voluntary resignation, lay-off, discharge for just cause and retirement. If an employee returns to work for the City in any capacity within five (5) years of date of leaving, his/her seniority date will be adjusted by the length of absence.
- (d) Employees on approved leaves of absence shall not be considered to have had a break in service.
- (e) There shall be no deduction from continuous service for any time lost which does not constitute a break in continuous service.

#### Sec. 2: USE OF SENIORITY

- (a) Seniority will be used as provided in Article 14, Work Scheduling and Overtime, Article 28, Lay-Off and Recall, and Article 37, Vacations.
- (b) The following priority factors will apply when making routine permanent shift assignments and work schedules within a job classification, unless a particular work group within a division unanimously agrees to continue the existing practice:
  - 1. Efficient operation of the Department.
  - 2. Ability to perform the assignment.
  - Seniority
  - When factors "2 and "3" are relatively equal, seniority shall govern.

(c) Should a senior employee be excluded from a work schedule/shift assignment because of #1 or #2 of the above, the employee will be informed, if requested, in writing of the specific requirements.

#### **ARTICLE 43 - PREVAILING RIGHTS/BENEFITS**

- Sec. 1: All prevailing rights/benefits of employment specifically included or specifically referred to in this Agreement, in addition to and including those stated or referred to in Sec. 2 and Sec. 3 below shall be maintained in full force and effect for the duration of this Agreement.
- Sec. 2: If a recognized prevailing past practice is challenged by the City or the Union, the City and the Union agree to hold an informal hearing mediated by F.M.C.S. to determine if the matter in question is indeed a past practice.

If it is determined that a past practice exists, the City and the Union will negotiate a Letter of Understanding to become part of the labor contract. If the parties do not agree, they will take the matter to instant arbitration with a binding decision.

Sec. 3: The City will maintain its existing policy with respect to:

- (a) Shower time for Water and Wastewater-Treatment personnel, Underground Utilities personnel, and Beach Safety.
- (b) Permanent, non-rotating shifts by assignment
  - (1) utilities plant personnel
  - police civilian personnel, excluding I.D. technicians and Community Service Officers.
- (c) Donation of sick leave, vacation leave, or compensatory time to disabled employees. (Otherwise known as the Sick Leave Pool), attached hereto.

# ARTICLE 44 - WORKERS' COMPENSATION/SUPPLEMENTAL COMPENSATION

Sec. 1: An employee, including regularly scheduled part-time employees who have worked fifteen hundred (1500) hours in the previous fiscal year, becomes eligible for Workers' Compensation benefits due to a job-related injury or illness shall receive a full paycheck from the City while in a workers' compensation status for up to thirteen (13) consecutive weeks from the date of injury or illness, with the identical wages and benefits which he would have received had he not been injured and had he continued to work his regularly assigned City assignments.

In the event a full time employee, as determined by a City designated physician, is unable to return to work after thirteen (13) weeks from the date of the injury or illness, the situation will be reviewed by the City Manager or designee. The City Manager or designee shall extend the period of regular pay for up to an additional thirteen (13) weeks. The period of regular pay may not exceed twenty-six (26) weeks from the date of injury or illness.

An injured employee receiving Workers' Compensation benefits shall Sec. 2: be evaluated by physicians chosen by the City. In determining the employee's fitness for duty, the City's physician(s) shall base his determination upon the tasks and duties performed by the employee as set forth in the employee's Position Description, which shall be provided to the physician. In the event that the employee may return to work in a limited or restricted capacity, based on the City physician's evaluation, the employee would be permitted to perform duties on a temporary basis outside of their normal job classification and/or assigned department or division at their regular rate of pay. A determination of appropriate duty will be made based on the restrictions, by the Human Resource Director. When an employee has been assigned to another Department/Division, that employee will report directly and be supervised by that Department/Division. The supervisor within the new Department/Division will notify the employee's original Division of changes in the employees' status. The parties agree to regularly meet and discuss the status of the employee's assignment relative to the restrictions, the efficiency and productivity of the alternate assignments. In the event that the City Manager, based on the City physician's evaluation, determines that an employee is physically capable of returning to work and performing his regular duties, the employee shall return to work on his next regularly scheduled work day. If the employee disagrees with the City Manager's determination returning him to work, the employee may appeal that determination utilizing the State of Florida Workers' Compensation Statute. There shall be no appeal of this determination utilizing the grievance procedure set forth in this Agreement. If it is determined under the Workers' Compensation Statute that the employee was improperly ordered to return to work by the City Manager, the employee, in addition to his benefits under Workers' Compensation, shall receive from the City retroactive from the date that the City ceased payment to the present all Supplemental Benefits as set forth in this Article to which the employee would have been entitled had the City not improperly ceased payment.

- Sec. 3: In the event that the City Manager, based on the City physician's evaluation, determines that an employee injured on the job is no longer capable of performing his regularly assigned tasks and duties as set forth in his Position Description, the employee, if he disagrees with said determination and seeks to return to his former City position, shall have the right to obtain and submit to the City opinions/determinations from private Physicians that the employee can perform his regularly assigned tasks and duties as set forth in his Position Description. In the event of disagreement of physicians, the parties shall each submit the name of one physician who specializes in the field of medicine involved with the two submitted physicians mutually selecting a third physician who shall examine the grievant and determine if the employee is capable of performing his regularly assigned tasks as set forth on his Position Description. The third physician's determination shall be final and binding on all parties.
- Sec. 4: For purposes of this Article, notifications to the Employee shall be performed exclusively by Certified Mail Return Receipt signed only by the Employee.
- Sec. 5: Nothing in this Article is intended to deprive and/or shall deprive an employee of any rights and/or benefits to which he is entitled under the provisions of this Agreement, any applicable Local Ordinances, or State or Federal Statutes.

# **ARTICLE 45 - CLASSIFICATION EVALUATION AND REVISION**

- Sec. 1: It is the sole responsibility of the City to determine the job content, qualification requirements, duties, and the relative significance to the City's operation of each job within the bargaining unit. Whenever there is a proposed change to a position title, classification, or position description concerning the content, qualifications, and/or duties of a position within the bargaining unit, the City will bargain with the Union over the proposed change at least twenty (20) calendar days prior to implementation of the change. The terms "job description", "class specification", and other similar phrases are all synonymous with the term "position description". Copies of any changes will be furnished to the Union during this review period. Should the City fail to notify and, if requested, bargain the proposed changes with the Union, such changes will not be implemented.
- Sec. 2: A request to study an individual position may be initiated by an employee, if the employee believes that his/her position has changed so substantially as to warrant a change from his/her existing classification, title, and/or position description to another existing classification, title and/or position description. Change request(s) shall first be submitted to the employee's Department or Office Director for review and comment and then forwarded to the Office of Human Resources and Labor Relations for internal study and review. Each request shall contain specific details in support of the request. Any changes recommended by the City as a result of the provisions of this Section shall be implemented according to Section 4 of this Article.
- Sec. 3: A request for study of an individual position may be initiated by the Department or Office Director if he/she believes that the position has changed so substantially as to warrant an evaluation and revision of an employee's existing classification, title and/or position description to another existing classification, title and/or position description. Such request shall first be discussed with the concerned employee for comment and then forwarded to the Office of Human Resources and Labor Relations for internal study and review. Each request shall contain specific details in support of the request. Any changes recommended by the City as a result of the provisions of this Section shall be implemented according to Section 4 of this Article. This provision will only be used to consider an upgrade in the requested classification.

- Sec 4: For requests as outlined in Sections 2 or 3 of this Article, the Office of Human Resources and Labor Relations shall report its findings and recommendations to the City Manager within ninety (90) days of receipt of the request. Copies of the findings and recommendations shall also be sent to the Department/Office Director and the employee. If a proposed change is approved by the City Manager, the change, and any pay adjustment, if applicable, will become effective at the beginning of the pay period following the approval. Any approved change in classification, title, and/or position description will not alter the performance review date for the employee.
- Sec 5: Limits: Reclassifications will be limited to less than ten (10) pay grades. Any reclassification determined by the City and agreed to by the Union of ten (10) or more pay grades must be filled through the Civil Service process rather than the reclassification process.
- <u>Sec 6:</u> Wage Increase: Wage increases for reclassification will be 5% of base salary. If 5% of base salary is less than the start of the pay grade, then the reclassification will result in the start of the new pay grade.
- Sec 7: Eligible employees: Employees must have been in their present position at least six (6) months prior to requesting a reclassification, however, this does not preclude the City from reorganizing and initiating negotiations with the Union for positions where incumbents have less than six (6) months experience, or for vacant positions.
- Sec 8: Employee Commitment: Any employee receiving a reclassification to a higher pay grade will not seek a promotion or lateral transfer for at least six (6) months.

# **ARTICLE 46 - SHIFT DIFFERENTIAL**

- Sec. 1: Employees assigned to shiftwork where the majority of their work hours fall between 12 midnight to 8:00 A.M., shall receive an additional \$0.80 per hour. The parties agree that the increases to the shift differentials rates in this Article (which are double the rates from the prior agreement) shall become effective in the first full pay period that starts on or after the date this 2013-2015 Agreement is ratified by both parties.
- Sec. 2: Employees whose shift is scheduled from 4:00 A.M. to 12 noon shall be given a shift differential of \$0.80 per hour only for hours worked between 4:00 A.M. to 8:00 A.M.
- Sec. 3: Employees whose shift is scheduled from 12 noon to 8:00 P.M. shall be given a shift differential of \$0.60 per hour only for hours worked between 4:00 P.M. and 8:00 P.M.
- Sec. 4: Employees assigned to shiftwork where the majority of their work hours fall between 4:00 P.M. and 12 midnight, shall receive an additional \$0.60 per hour.
- Sec. 5: Employees whose shift is scheduled from 8:00 P.M. to 4:00 A.M. shall be given an additional \$0.70 per hour.
- Sec. 6: The provisions of this section shall not apply to any employee who is called in to work non-shift overtime.
- Sec. 7: Employees who work in departments where a regular twenty-four (24) hour operation exists shall be paid as follows:
- 4-12 midnight or when the majority of hours assigned are between these hours shall be given an additional \$0.60 per hour.
- 12 midnight 8 a.m. or when the majority of hours assigned are between these hours shall be given and additional \$1.00 per hour.
- Sec. 8: Shift differential pay shall not apply to employees in the positions of Plant Operator I Rotator or Plant Operator I Trainee Rotator.

# ARTICLE 47 - DRUG FREE WORK PLACE

Sec. 1: The City and the Union recognize the requirements of the U.S. Department of Transportation's Drug and Alcohol Testing Program for Employee Drivers of Commercial Motor Vehicles and, as such, the City and the Union support the City's policy (as revised on January 1, 2004) for testing those individuals who are mandated to be tested by the Federal Law and under the guidelines of the City Testing Program.

Sec. 2: The City and the Union continue to support the concept of a drug and alcohol free work environment for all City employees and to this end, the City and the Union agree that all employees must abide by the Employment Rules and Regulations, sub-section, (P) "Chemical Intoxication", that are in effect as of January 1, 1997, which states as follows:

#### CHEMICAL INTOXICATION

Should an employee have reported for duty, is on duty, found upon City property or is operating a City vehicle while under the influence of or while in possession of an alcoholic beverage, or any non-prescription narcotic, barbiturate, mood-ameliorating, tranquilizing, hallucinogenic, or any non-prescribed controlled substance, they shall be deemed to have consented, as a condition of employment, to a breath and/or blood and/or urine analysis when ordered by the City Manager, the employee's department head or any police officer to take such a test. The presumptions for being under the influence of an alcoholic beverage, chemical substance or controlled substance shall be based on prudent judgment and in accordance with applicable statute. A refusal to obey an order to take such a test under the circumstances described herein shall be independent grounds for disciplinary action.

Sec. 3: Except as stated below, as a condition of continued employment for all employees hired after April 7, 2006, the parties agree that such employees are prohibited from any on or off duty smoking or other use of any tobacco products. The parties agree, however, that this section does not apply to employees hired by the City prior to April 7, 2006, who retire from the City with retiree health insurance benefits, and are thereafter re-hired by the City within one (1) year of their retirement/separation date.

# ARTICLE 48 - EDUCATIONAL REIMBURSEMENT PROGRAM

- Sec. 1: To assist full-time employees covered by this Agreement, where practical and feasible, to participate in training or educational programs designed to strengthen their abilities, which in turn directly benefits the City by assisting them in performing their duties, the City shall provide employees certain terms and conditions as follows:
  - a. To be eligible to participate in the Educational Reimbursement Program, a newly hired employee must have achieved permanent status by successfully completing the probationary period.
  - Employees must receive "satisfactory" or better Employee Performance Evaluations prior to the beginning of the course work.
  - Employees shall only be reimbursed for one job related degree at each level (e.g., one Associates or one Bachelor's or one Master's level degree).
  - d. Employees shall be limited each fiscal year to a maximum total of \$1,800.00 annually for tuition reimbursement costs.
  - e. Employees who receive benefits under this program, who voluntarily leave the City's employment within two (2) years of receiving such benefit, shall be responsible for reimbursing the City for the entire cost of the benefit.
  - f. The City Manager retains the discretionary authority to further limit or discontinue the tuition reimbursement program at any time in a fiscal year based on the availability of funds.
- Sec. 2: Employees will be eligible for City reimbursement for the costs of books and tuition in the following manner:
  - a. In order to be considered for the Educational Reimbursement Program, all course work must be taken at an accredited college or university and must be properly approved prior to the beginning of the class by the City Manager or designee.
  - Employees desiring reimbursement must submit a written request for approval from the City Manager or designee.

- Reimbursement will be for courses leading to college or post graduate degrees. Reimbursement will be provided for approved on-line coursework.
- d. The refund amount payable shall be based upon the fee schedule of a State of Florida's public university or college at the time the course is completed, regardless of the fact that the employee may be attending a private educational institution.
- e. When an employee completes the approved course work, it is their responsibility to submit copies of the grades and tuition receipts to the City Manager or designee. The reimbursement procedure for related courses will consist of the following:
  - 100% reimbursement when a grade of "A" or B" is earned.
  - 100% reimbursement for successfully completing pass/fail courses.
  - 50% reimbursement when a grade of "C" is earned.
  - If the accredited institution only gives credit or no credit, a credit grade will be accepted as satisfactory completion and equal to a grade of "C".
  - Employees receiving aid or who have scholarship as well as employees qualifying for benefits under State or Federal programs are eligible for reimbursement under this policy. However, financial assistance from other sources will offset any reimbursements payable by the City.

# **ARTICLE 49 - EMPLOYEE WELLNESS**

Sec. 1: Each employee shall have the option of undergoing an annual medical examination, costs of which shall be borne by the City. It shall be conducted in an off-duty status at contracted facilities as agreed by the City and the Union.

# ARTICLE 50 - VOLUNTEER DAY

Sec. 1: Effective after the ratification date of this 2013-2015 Agreement, the City shall commence a temporary pilot/trial program in which employees shall be eligible to request to use one paid day off, or two one-half paid days off (e.g., in two (2) increments of four (4) hours), during fiscal year 2013-2014 (with the pilot/trial program ending on September 30, 2014) to volunteer for work at a charitable Hollywood organization or school event (that is scheduled on the employee's normal work day and is of a duration that justifies a full or one-half day off), subject to advance approval by the City in the sole and exclusive discretion of the City Manager or designee. Proof of the charitable or school event and/or the employee's participation in the event may be required. Denial of any request shall not be subject to the contractual grievance/arbitration procedure. In the City Manager's sole and exclusive discretion, this pilot program may be extended for one additional fiscal year through September 30, 2015 (so that this discretionary extended pilot/trial program would end/sun-set on September 30, 2015).

# ARTICLE 51 - BLOOD TIME COMPENSATION

Sec. 1: Effective on the ratification date of this 2013-2015 Agreement, no further blood time compensation shall be accrued for any unit employees. Upon termination or when an eligible employee submits the written election to participate in the Planned Retirement benefit all blood time shall be paid at the member's current rate of pay.

#### ARTICLE 52 - REGULARLY SCHEDULED PART-TIME EMPLOYEES

Sec. 1: Regularly scheduled part time employees shall enjoy rights in all Collective Bargaining Agreement articles except for the following:

- Article 11-Assignment Pay
- Article 12-Leadworker
- Article 13-Certification Pay
- Article 14-Work Week and Scheduling
- Article 16-Voluntary Demotions
- Article 18-Pension
- Article 20-Sick Leave (except as provided below in this Article)
- Article 21-Voting Time
- Article 22-Contracting and Subcontracting
- Article 28-Lay-off and Recall
- Article 30-Special Leave and Leave of Absence (except FMLA for employee who meet the minimum qualifications).
- Article 34-Bereavement Leave (except as provided below in this Article)
- Article 48-Educational Reimbursement
- Article 49-Wellness
- Article 50-Volunteer Day

Sec. 2: Effective on the ratification date of the 2013-2015 Agreement, regularly scheduled non-seasonal part-time employees who average at least thirty (30) hours or more of work per week shall, after a 60 day waiting period, be eligible for the following benefits:

- 1. Sick Leave: three quarters (75%) of the sick leave accruals provided in Article 20.
- Vacation Leave: three quarters (75%) of the vacation leave accruals provided in Article 37.
- 3. Holidays: eight (8) holidays and the Employee's Birthday provided in Article 32.

- 4. Bereavement Leave: as provided in Article 34.
- 5. Health Insurance: these employees shall be eligible for the City's health insurance coverage provided in Article 24 on the 1<sup>st</sup> of the month after the 60 day waiting period has expired. The City shall pay one-half the premium equivalent of the coverage selected (which may change from year to year). The employee shall be responsible for one-half the appropriate premium equivalent.
- A Flexible Spending Account as provided in Article 24 to full-time employees.
- A (non-matching) City contribution to a deferred comp 457 plan in the amount of \$1,000.00 to be paid annually on the employee's anniversary date of hire.
- Sec. 3: Effective on the ratification date of the 2013-2015 Agreement, regularly scheduled non-seasonal part-time employees who average more than 15 hours of work per week but less than thirty (30) hours of work per week shall, after a 60 day waiting period, be eligible for the following benefits:
  - Sick Leave: fifty percent (50%) of the sick leave accruals provided in Article 20.
  - Vacation Leave: fifty percent (50%) of the vacation leave accruals provided in Article 37.
  - Holidays: five (5) holidays and the Employee's Birthday provided in Article 32.
  - Bereavement Leave: as provided in Article 34.
  - 5. A Flexible Spending Account in the amount of \$500.00.
  - A (non-matching) City contribution to a deferred comp 457 plan in the amount of \$1,000.00 to be paid annually on the employee's anniversary date of hire.
- Sec. 4: The initial determination as to whether each regularly scheduled part-time/non-seasonal employees is eligible for placement into the benefit earning categories set forth in Section 2 or Section 3, above, based on their hours of work, shall be done within the 60 days after this 2013-2015 Agreement is ratified, or within the 60

days following the date of hire for any such employees hired after that ratification date. The beginning of an employee's eligibility for insurance benefits shall become effective at the start of the next month after the employee initially becomes eligible for such benefits and elects to participate. The City shall monitor and re-evaluate each part-time employee's continued eligibility for the benefits applicable to their work schedule, but the City agrees that absent a dramatic change in any regularly scheduled part-time/non-seasonal employee's work schedule, the employee's benefit levels will be changed only in the beginning of the first pay period on or after April 1<sup>st</sup> and/or October 1<sup>st</sup> in each year.

# ARTICLE 53 - DURATION OF AGREEMENT/EFFECTIVE DATES

- Sec. 1: This Agreement shall be effective upon the date of ratification by the parties and shall remain in full force and effect until September 30, 2015.
- Sec. 2: Specific provisions as to the effective dates, found in any various Articles of this Agreement, shall not be affected by the provisions of Section 1, above. In case of conflict, the specific Agreement provisions shall prevail.
- Sec. 3: This Agreement shall automatically be renewed from year to year thereafter unless either party shall have notified the other in writing by April 2nd of the expiration year of this Agreement that desires to modify the Agreement, with negotiations beginning thirty days thereafter, or such other date as is mutually agreed upon. The terms and conditions of employment reflected in this Agreement shall remain in full force and effect until replaced by either (1) a subsequently ratified replacement Agreement; or, (2) actions resulting from the provisions of F.S. 447.403.
- Sec. 4: The employer recognizes and states that it is entering into this agreement in good faith and that the City Manager, as the Chief Administrative Officer for the City, shall request adequate funding, through the City's annual budget process, to fund the provisions of this collective bargaining agreement. The approval or disapproval of the City Manager's funding request shall not be subject to the grievance and arbitration procedure described in Article 29 but, rather shall be governed by F.S. 447.309.
- Sec. 5: All Letters of Understanding entered into between the City and AFSCME prior to the signing of this agreement and all other writings are attached to the contract and contained in Appendix L and shall remain in full force and effect. Grievance Settlement Agreements are not included in the attached letters of understanding but said settlement agreements shall remain in full force and effect.

# **EXECUTION OF AGREEMENT**

THIS AGREEMENT, having b	een duly ratified by vote of the members of the
Bargaining Unit covered hereunder, ar	nd the City Commission of the City of Hollywood, is
hereby executed with the signature affi	xed hereto.
Dated this day of	MARCH , 2014.
WITNESSES: 3/11/4	HOLLYWOOD, FLORIDA, CITY MPLOYEES LOCAL 2432, AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEES (AFL-CIO)
As to Local 2432	By:  President  Date:
	CITY OF HOLLYWOOD, a municipal corporation of the State of Florida  By:
	Attest: Mayor City Clerk
109 Juell 3/19/14 As to the City	Approved: City Manager
As to the City	Approved: Budget Director
	APPROVED AS TO FORM AND LEGALITY

Hollywood, only.

for the use and reliance of the City of

# APPENDIX A

# PERC CERTIFICATIONS-1998 and 2000

#### STATE OF FLORIDA

#### PUBLIC EMPLOYEES RELATIONS COMMISSION

CITY OF HOLLYWOOD,

Petitioner,

Case No. UC-98-004

ORDER GRANTING UNIT CLARIFICATION

V.

HOLLYWOOD, FLORIDA, CITY EMPLOYEES, LOCAL 2432, AFSCME,

Order Number: 98E-242

Date Issued: August 18, 1998

co

Respondent.

Alan Fallik, Hollywood, attorney for petitioner. George Tucker, Coral Springs, attorney for respondent.

On January 30, 1998, the City of Hollywood (City) filed a unit clarification petition seeking to clarify a wall-to-wall bargaining unit represented by Hollywood, Florida, City Employees, Local 2432, AFSCME (AFSCME). See Hollywood Municipal Employees. Local 2432 v. City of Hollywood, No. 8H-RA-753-0157 (Fla. PERC Oct. 22, 1975) (Certification 151), clarified, 6 FPER ¶ 11101 (1980), clarified, 20 FPER 9 25083 (1994). On March 11, the Commission found the petition sufficient and directed that an evidentiary hearing be held. Prior to the evidentiary hearing, the parties notified the hearing officer that they were in agreement regarding the placement of the employee classifications at issue.

The parties thereafter stipulated to a generic unit description that also addressed temporary, grant, and seasonal employees. The parties were also able to enter into stipulations regarding the exclusion of supervisory, professional, managerial, and

confidential employees. On July 1, the hearing officer issued his recommended order in which he accepted the parties' stipulations and bargaining unit description. No exceptions were filed to the hearing officer's recommended order.

The hearing officer recommended that the Commission should clarify certification 151 in accordance with the parties' stipulations as follows:

INCLUDED: -All full-time employees, regularly scheduled parttime employees, temporary employees who are employed in their job titles in excess of one year, and grant employees who are employed in their job titles in excess of one year, including those in the following classifications: Accounting Clerk, Administrative Assistant, Administrative Secretary, Adult Program Supervisor, Air Conditioning/-Refrigeration Mechanic, Animal Control Officer, Aquatics Director, Assistant Beach Patrol Superintendent, Assistant Community Development Coordinator, Assistant Housing Rehabilitation Specialist, Assistant Planner, Associate Planner, Automotive Mechanic, Automotive Service Helper, Beach Attendant, Beach Maintenance Supervisor, Bookkeeping Clerk, Budget Technician, Building Compliance Inspector, Building Inspector, Building Plans Examiner, Buyer, CAD Technician, Carpenter, Carpenter Supervisor, Cashier, Center Coordinator, Chief Building Inspector, Chief Building Plans Examiner, Chief Clerk, Chief Electrical Inspector, Chief Fire/Rescue Mechanic, Chief Mechanic, Chief Mechanical Examiner, Chief Permit Processor, Chief Plumbing Inspector, Chief Utility Mechanic, Citizen Resource Officer, Clerk II, Clerk III, Clerk Typist, Code Enforcement Officer, Collection Truck Operator, Communications Clerk, Communications Shift Supervisor, Communications Technician, Community Development Coordinator, Community Liaison Officer, Community Service Aide, Community Service Officer, Compliance Officer, Compliance Technician II, Computer Operator I, Computer Operator II, Computer Programmer I, Computer Programmer II, Contract Compliance Coordinator, Control Systems Supervisor, Crime Prevention Specialist,

Crime/Intelligence Analyst, Cultural Arts Coordinator, Custodian, Data Entry Clerk, Dockmaster, Electrical Inspector, Electrical/Mechanical Supervisor, Electrician, Electro Technician, Engineering Inspector, Environmental Compliance Coordinator, Environmental Specialist, Equipment Operator, Facility Maintenance Technician, Field Services Superintendent, Financial Systems Analyst, Fingerprint Technician, Fire Equipment Technician, Fire/Rescue Apparatus Mechanic, Geographic Information Coordinator, Geographic Information Technician, Groundskeeper, Head Cashier, Heavy Equipment Operator, Housing Counselor, Housing Inspector, Housing Loan Processor, Housing Program Supervisor, -Housing Rehab. Specialist, Identification Technician I, Identification Technician II, Identification Technician III, Information Services Specialist I, Information Services Specialist II, Crime/Intelligence Analyst, Inventory Control Specialist, Lab Technician, Laborer, Landscape Inspector, Latent Fingerprint Examiner, Lead Code Enforcement Officer, Lifeguard, Mail Courier, Maintenance Technician, Marina Attendant, Marina Security Guard, Marine Safety Lieutenant, Marine Safety Officer, Marine Safety Specialist, Marketing and Promotions Coordinator, Marketing Coordinator, Mechanical Inspector, Meter Repair Technician I, Meter Repair Technician II, Microcomputer Analyst I, Microcomputer Analyst II, Microcomputer Intern, Network Analyst, Nursery/Landscape Supervisor, Occupational License Inspector, Packer Operator, Painter, Park Ranger, Parking Enforcement Specialist, Parking Meter Checker Supervisor, Parking Meter Technician, Parking Meter Technician Supervisor, Payroll Coordinator, Permit/Violations Processor I, Permit/Violations Processor II, Photo Lab Technician, Plant Operator I, Plant Operator II, Plumber, Plumbing Inspector, Police Information Clerk, Police Storekeeper, Pool Lifeguard, Pool Supervisor, Printer, Printing Supervisor, Process Control Systems Technician (Analyst), Programmer/Analyst, Property Clerk, Property Survey/Records Coordinator, Public Works Education Coordinator, Public Works Supervisor, Rangemaster, Records Processor, Recreation Aide, Recreation Leader, Recreation Leader Trainee, Recreation Maintenance Aide, Recreation Maintenance Manager, Refuse Collection Section Supervisor, Refuse Collector, Regulatory Compliance Officer, Revenue Analyst, Sanitation Equipment Mechanic,

Safety & Loss Control Engineer, School Crossing Guard, School Crossing Guard Leader, Secretary, Senior Accounting Clerk, Senior Buyer, Senior CADD Operator, Senior Communications Technician, Senior Pool Lifeguard, Senior Property Clerk, Software Analyst, Sound and Light Technician, Special Events Coordinator, Special Events Supervisor, Storekeeper, Storekeeper Supervisor, Stores Clerk, Stores Driver, Stormwater Technician, Technical Theater Specialist, Telecommunicator I, Telecommunicator II, Theater Assistant, Theater Specialist, Treatment Plant Mechanic I, Treatment Plant Mechanic II, Urban Forest/Irrigation Supervisor, Utilities Serviceworker I, Utilities Service--worker TI, Utilities Serviceworker III, Utility Locator & Inspector, Utility Maintenance Helper, Utility Shift Supervisor, Victims Advocate.

EXCLUDED: All Fire Fighters, Police Officers, supervisory (attachment A), professional (attachment B), managerial (attachment C), and confidential (attachment D) employees, temporary employees who are employed in their job titles one year or less, grant employees who are employed in their job titles one year or less, and seasonal employees working less than 130 days per year.

In our review of the recommended order and the parties' stipulations, we note that the parties have described certain personnel as "temporary employees" who have been employed in excess of one year. Thus, the term temporary employees as used by the parties is not the same as the term of "temporary employees" which is traditionally used by the Commission to designate employees who have no reasonable expectation of continued employment. The Commission commonly excludes traditionally defined temporary employees from units of regular employees. See, e.g., Industrial and Public Employees, Local 1998 v. Marion County Board of County Commissioners, 13 FPER ¶ 18000 (1986). Therefore, in accepting the parties' stipulation that temporary employees are

properly included in the unit, we are limiting this holding to the facts in this case.

The parties have also stipulated to their own definition of the term "seasonal employees." This term has traditionally been used to describe employees who are hired on a short term or sporadic basis and such employees are usually excluded from bargaining units of regular personnel. See, e.g., Pinellas County Public Employees Association v. City of St. Petersburg Beach, 10 FPER ¶ 15142 (1984). We have previously accepted the definition of seasonal employees reached by the parties, and therefore, agree that these employees are appropriately excluded from the bargaining unit. See Florida Public Employees Council 79, AFSCME v. City of Jacksonville, 13 FPER ¶ 18273 (1987).

The Commission agrees with the hearing officer's analysis and recommendation. Accordingly, the petition for unit clarification is GRANTED, and Certification 151 is clarified as noted above.

This order may be appealed to the appropriate district court of appeal. A notice of appeal must be received by the Commission and the district court of appeal within thirty days from the date of this order. Except in cases of indigency, the court will require a filing fee and the Commission will require payment for preparing the record on appeal. Further explanation of the right to appeal is provided in Sections 120.68 and 447.504, Florida Statutes, and the Florida Rules of Appellate Procedure.

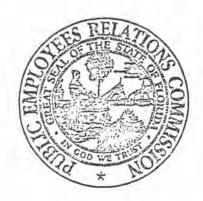
Alternatively, a motion for reconsideration may be filed. The motion must be received by the Commission within fifteen days from the date of this order. The motion shall state the particular points of fact or law allegedly overlooked or misapprehended by the Commission, and shall not reargue the merits of the order. For further explanation, refer to Florida Administrative Code Rule 38D-15.005.

It is so ordered:
MAHON, JR., Chairman, GERTZ and JACKSON, Commissioners,
concur.

I HEREBY CERTIFY that this document was filed and a copy served on each party on <u>luquet 18</u>, 1998.

BY: Mary Conn Burns Clerk

/bjk



#### APPENDIX A (SUPERVISORY)

Assistant City Engineer

Beach Safety Superintendent

Citizen's Service Center Coordinator

Cultural Arts Manager

Dir., Div. of Computer Operations & Tech. Services

Director, Division of Systems & Programming

Director, Division of Records and Archives

Director, Neighborhood Programs Division

Director, Real Estate Division

Employment and Compensation Manager

Engineering Support Services Manager

Environmental Services Manager

Forestry/Landscape Superintendent

Organizational Development and Benefits Manager

Parking Operations Manager

Property Maintenance Superintendent

Records Manager

Recreation Program Manager

Sanitation Supervisor

Stormwater Manager

Streets Superintendent

Telecommunications Manager

Underground Utilities Manager

Utilities Maintenance Manager

Wastewater Plant Manager

Water Plant Manager

Asst. Dir., Parks, Recreation and Cultural Arts - Administration

Asst. Dir., Department of Public Works

Asst. Dir., Department of Development Administration

Dep. Dir., Public Utilities - Technical

Support Risk Manager

Treasury Manager

#### APPENDIX B (PROFESSIONAL)

Accountant II Accountant III Assistant City Attorney Budget Officer Civil Engineer I Civil Engineer II Civil Engineer III Claims Coordinator Control Instrumentation Engineer Director, Division of Video and Television Services Director, General Accounting Division Grants Assistant Human Relations Analyst Human Resources Analyst Management and Budget Analyst Municipal Prosecutor Police Legal Advisor Principal Planner Revenue Auditor Senior Accountant Senior Assistant City Attorney Senior Budget Analyst Senior Human Resources Analyst Special Assistant to the Mayor and City Commission Special Litigation Counsel Systems Analyst Technical Systems Analyst Traffic Engineer Urban Designer (Landscape Architect) Utilities Contract Accountant Utilities Laboratory Manager

Water/Wastewater Systems Coordinator

#### APPENDIX C (MANAGERIAL)

Director, Office of Management and Budget

Director, Office of Public Relations

Deputy Director Public Utilities - Operations

Deputy Police Chief

Director, Office of Human Resources and Labor Relations

Director, Office of Parking Administration

Director, Dept: of Information Services

Director Dept. of Public Utilities

Director, Dept. of Financial Services

Director, Dept. of Public Works

Director, Dept. of Development Admin.

Director, Dept. of Parks, Recreation and Cultural Arts

Director, Office of Human Relations

Director, Purchasing and Materials Management

Employment and Compensation Manager

City Manager

Assistant City Manager

City Attorney

City Clerk

City Engineer

Chief Building Official

Fire/Rescue Chief

Police Chief

#### APPENDIX D (CONFIDENTIAL)

Administrative Assistant I to the Employment and Compensation Manager

Administrative Assistant II to the Assistant City Manager

Administrative Assistant II to Deputy Police Chief

Administrative Assistant II to the Director, Parks, Recreation and Cultural Arts

Administrative Assistant II to the Director, Development Administration

Administrative Assistant II to the Director, Financial Services

Administrative Assistant II to the Director, Information Services

Administrative Assistant II to the Director, Human Relations

Administrative Assistant II to the Director, Human Resources and
Labor Relations

Administrative Assistant II to the Director, Management and Budget

Administrative Assistant II to the Director, Parking

Administration

Administrative Assistant II to the Director, Public Utilities

Administrative Assistant II to the Director, Public Works

Administrative Assistant II to the Fire Chief

Administrative Assistant II to the Mayor and City Commission

Administrative Assistant II to the Police Chief

Administrative Assistant II to the Director, Public Relations

Administrative Assistant III to the City Attorney

Administrative Assistant III to the City Manager

Deputy City Clerk to the City Clerk

Executive Assistant to the City Manager

Executive Assistant to the Mayor

Legal Secretary to the City Attorney

Paralegal to the City Attorney

### STATE OF FLORIDA

#### PUBLIC EMPLOYEES RELATIONS COMMISSION

HOLLYWOOD, FLORIDA, CITY EMPLOYEES, LOCAL 2432, AFSCME,

Petitioner,

Case Nos. UC-2000-019 UC-2000-020

UC-2000-021

CITY OF HOLLYWOOD,

V.

CLARIFICATION

Order Number: 00E-203

ORDER GRANTING UNIT

Date Issued: November 1, 2000

Respondent.

George H. Tucker, Coral Springs, attorney for petitioner.

James Carnicella, Hollywood, representative for respondent.

On July 6, 2000, the Hollywood, Florida, City Employees, Local 2432, AFSCME (Local 2432) filed unit clarification petitions seeking to clarify three bargaining units of City of Hollywood (City) employees it currently represents. See Hollywood Municipal Employees, Local 2432 v. City of Hollywood, No. 8H-RA-753-0157 (Fla. PERC Oct. 22, 1975) (wall-to-wall bargaining unit, certification no. 151), clarified, 6 FPER ¶ 11101 (1980), clarified, 20 FPER ¶ 25083 (1994), clarified, 24 FPER ¶ 29278 (1998); Hollywood Municipal Employees, Local 2432 v. City of Hollywood, 25 FPER ¶ 30063 (1999) (professional unit, certification no. 1239) (supervisory unit, certification no. 1240). On July 11, the Commission appointed a hearing officer to develop a record upon which the unit placement of the affected classifications could be determined.

On August 16 and 31, and September 7, the parties filed stipulations concerning the unit placement of the affected classifications into the three bargaining units and the proposed exclusion of managerial and confidential employees. The hearing officer

accepted these stipulations and issued a recommended order on September 15, recommending that we clarify the three bargaining units in accordance with the parties' stipulations. On September 29, Local 2432 filed four exceptions to the recommended order.<sup>1</sup>

All of the remaining exceptions pertain to inadvertent omissions or errors on the part of the hearing officer. In exception two, Local 2432 points out that, although the hearing officer recited the parties' stipulations supporting inclusion of the classification of labor pool in the wall-to-wall bargaining unit, he failed to mention this classification in his discussion and analysis regarding that unit or to recommend that the labor pool position be included in the unit. Upon our review of the recommended order, the parties' stipulations, and the supporting documents, we conclude that the hearing officer's failure to recommend the inclusion of the labor pool position in the wall-to-wall unit was inadvertent and that this classification is appropriate for inclusion in that bargaining unit. Therefore, we grant the exception and modify the recommended order accordingly.

In its third exception, Local 2432 calls our attention to the fact that the hearing officer placed the classification of project manager into the supervisory bargaining unit in his conclusions of law, despite having found earlier in his order that this classification should be added to the professional unit. Our review of the record reveals that this is a scrivener's error. Accordingly, exception three is granted and the hearing officer's

<sup>&</sup>lt;sup>1</sup>Local 2432's first exception merely recites that the unit clarifications were based upon the parties' stipulations. Since this exception does not raise any point of disagreement with the recommended order, it need not be addressed.

conclusions of law are modified to place the classification of project manager in the professional bargaining unit.

Finally, in exception four, Local 2432 asserts that the hearing officer mistakenly omitted any reference to the classification of technical/business analyst despite the parties' stipulation and supporting information indicating that this classification should be included in the professional bargaining unit. Our review of the record indicates that Local 2432 petitioned for the technical/business analyst position to be included in the professional unit, but does not disclose any mention of this classification in the parties' stipulations. The position description for the technical/business analyst describes a professional, non-supervisory position. Moreover, we infer from the absence of any reference to this position in the original certification of this bargaining unit that it was created after the unit was certified. Therefore, we grant exception four and modify the recommended order to include the technical/business analyst position in the professional bargaining unit.

Having reviewed the entire record and resolved the exceptions to the recommended order, we agree with the hearing officer's analysis of the dispositive legal issue, his recommendations, and his conclusions of law, as modified above. Accordingly, we adopt the hearing officer's recommended order, as modified by our resolution of the exceptions, and clarify certification no. 151, the wall-to-wall bargaining unit; certification no. 1239, the professional bargaining unit; and certification no. 1240, the supervisory bargaining unit, as follows:

The Wall-to-Wall Unit (certification 151)

INCLUDED: All full-time employees, regularly scheduled part-time employees, temporary employees who are employed in their job titles in excess of one year. and grant employees who are employed in their job titles in excess of one year, including those in the following classifications: Accounting Clerk; Administrative Assistant; Administrative Secretary; Adult Program Supervisor; Air Conditioning/Refrigeration Mechanic; Animal Control Officer; Aquatics Director; Assistant Beach Patrol Superintendent; Assistant Community Development Coordinator: Assistant Housing Rehabilitation Specialist; Assistant Planner; Associate Planner; Automotive Mechanic; Automotive Service Helper; Beach Attendant: Beach Maintenance Supervisor; Bookkeeping Clerk; Budget Technician; Building Compliance Inspector; Building Inspector; Building Plans Examiner; Buyer; CAD Technician; Carpenter; Carpenter Supervisor; Cashier; Center Coordinator; Chief Building Inspector; Chief Building Plans Examiner; Chief Clerk; Chief Electrical Inspector; Chief Fire/Rescue Mechanic; Chief Mechanic; Chief Mechanical Examiner; Chief Permit Processor; Chief Plumbing Inspector; Chief Utility Mechanic; Citizen Resource Officer; Clerk II; Clerk III; Clerk Typist; Code Enforcement Officer; Collection Truck Operator; Communications Clerk; Communications Shift Supervisor; Communications Technician; Community Development Coordinator; Community Liaison Officer; Community Service Aide; Community Service Officer; Compliance Officer; Compliance Technician II; Computer Operator I; Computer Operator II; Computer Programmer I; Computer Programmer II; Contract Compliance Coordinator; Control Systems Supervisor; Crime Prevention Specialist; Crime/Intelligence Analyst; Cultural Arts Coordinator; Custodian; Data Entry Clerk; Dockmaster; Electrical Inspector; Electrical/Mechanical Supervisor; Electrician; Electro Technician; Engineering Inspector; Environmental Compliance Coordinator; Environmental Specialist; Equipment Operator; Facility Maintenance Technician; Field Services Superintendent; Financial Systems Analyst; Fingerprint Technician; Fire Equipment Technician: Fire/Rescue Apparatus Mechanic; Geographic Information Coordinator; Geographic Information Technician; Groundskeeper; Head Cashier; Heavy Equipment Operator; Housing Counselor; Housing Inspector; Housing Loan Processor, Housing Program Supervisor, Housing Rehab. Specialist, Identification Technician I; Identification Technician II; Identification Technician III; Information Services Specialist I; Information Services Specialist II; Crime/Intelligence Analyst; Inventory Control Specialist; Lab Technician; Laborer; Landscape Inspector; Latent Fingerprint Examiner; Lead Code Enforcement Officer; Lifeguard; Mail Courier; Maintenance Technician; Marina Attendant; Marina Security Guard;

Marine Safety Lieutenant; Marine Safety Officer; Marine Safety Specialist Marketing and Promotions Coordinator; Marketing Coordinator; Mechanical Inspector; Meter Repair Technician I; Meter Repair Technician II; Microcomputer Analyst I: Microcomputer Analyst II: Microcomputer Intern; Network Analyst: Nursery/Landscape Supervisor; Occupational License Inspector; Packer Operator; Painter: Park Ranger; Parking Enforcement Specialist; Parking Meter Checker Supervisor; Parking Meter Technician; Parking Meter Technician Supervisor; Payroll Coordinator; Permit/Violations Processor I; Permit/Violations Processor II; Photo Lab Technician; Plant Operator I; Plant Operator II; Plumber; Plumbing Inspector: Police Information Clerk: Police Storekeeper; Pool Lifequard: Pool Supervisor; Printer; Printing Supervisor; Process Control Systems Technician (Analyst); Programmer/Analyst; Property Clerk; Property Survey/Records Coordinator; Public Works Education Coordinator; Public Works Supervisor; Rangemaster; Records Processor; Recreation Aide; Recreation Leader; Recreation Leader Trainee; Recreation Maintenance Aide; Recreation Maintenance Manager; Refuse Collection Section Supervisor; Refuse Collector; Regulatory Compliance Officer; Sanitation Equipment Mechanic; Safety & Loss Control Engineer; School Crossing Guard; School Crossing Guard Leader; Secretary; Senior Accounting Clerk; Senior Buyer; Senior CADD Operator; Senior Communications Technician: Senior Pool Lifeguard: Senior Property Clerk; Software Analyst: Sound and Light Technician; Special Events Coordinator; Special Events Supervisor; Storekeeper; Storekeeper Supervisor; Stores Clerk; Stores Driver; Stormwater Technician; Technical Theater Specialist; Telecommunicator I; Telecommunicator II; Theater Assistant; Theater Specialist; Treatment Plant Mechanic I; Treatment Plant Mechanic II; Urban Forest/Irrigation Supervisor; Utilities Serviceworker I: Utilities Serviceworker II: Utilities Serviceworker III; Utility Locator & Inspector; Utility Maintenance Helper; Utility Shift Supervisor; Victims Advocate; Capital Projects Education Coordinator; Communications Analyst; Special Events Leader; Lead Custodian; CDL Licensed Labor Pool; Administrative Assistant II to the Mayor and City Commission; Clerical Specialist II to the Mayor and City Commission, and Labor Pool.

EXCLUDED: All fire fighters, police officers, supervisory, professional, managerial (attachment A), confidential (attachment B) employees, temporary employees who are employed in their job titles one year or less, grant employees who are employed in their job titles one year or less, and seasonal employees working less than 130 days per year.

### The Professional Unit (Certification 1239)

INCLUDED: All professional full-time employees, regularly scheduled part-time employees, temporary employees who are employed in their job titles in excess of one year, and grant employees who are employed in their job titles in excess of one year, in the following classifications: Accountant II and III; Assistant City Engineer; Civil Engineer I, II, and III; Control Instrumentation Engineer; Director, Division Of Video and Television Services; Grant Assistant; Engineering Support Services Manager; Principal Planner; Revenue Auditor; Senior Accountant; Technical Systems Analyst; Urban Designer; Utilities Contract Accountant; Utilities Laboratory Manager; Water/Wastewater Systems Coordinator; Claims Manager; Human Resources Analyst; Senior Human Resources Analyst; Special Assistant to the Mayor and City Commission; Human Relations Analyst System Analyst; Traffic Engineer; Senior Budget Analyst Utilities; Revenue Analyst; Citizens Service Center Coordinator Technical Systems Manager; Architect; Process Control System Administrator; Chief Chemist-QA/QC Officer; Zonina Administrator; Engineer; Accountant; Senior Engineer/Fire Prevention; Senior Engineer; Engineer Registered; Utilities Contract Auditor; Project Manager, and Technical/Business Analyst.

<u>EXCLUDED</u>: Assistant City Attorney; Director, Office of Management and Budget; Director, General Finance Division; Municipal Prosecutor; Police Legal Advisor; Senior Assistant City Attorney; Special Litigation Counsel; and all other employees of the City of Hollywood.

### The Supervisory Unit (Certification 1240)

INCLUDED: All supervisory full-time employees, regularly scheduled part-time employees, temporary employees who are employed in their job titles in excess of one year, and grant employees who are employed in their job titles in excess of one year in the following classifications: Sanitation Supervisor; Stormwater Manager; Underground Utilities Manager, Utilities Maintenance Manager; Wastewater Plant Manager; Water Plant Manager; Beach Safety Superintendent; Cultural Arts Manager; Director, Division of Records and Archives; Records Manager; Recreation Programs Manager; Telecommunications Manager; Streets Superintendent; Senior Projects Manager; Community Development Manager; Fleet Maintenance Superintendent; Director, Television and Video Services; Operations Manager, Division of Buildings and Grounds;

Operations Manager, Division of Streets and Highways; Forestry/Landscape Project Manager; Wastewater Maintenance Superintendent; Special Events Manager; Manager, Water Quality Services; Engineering Support Services; Director of Master Planning; and Executive Assistant (Mayor/Commission).

EXCLUDED: Assistant Director, Public Works; Deputy Director, Public Utilities-Technical Support; Director, Division of Computer Operations and Technical Services; Director, Division of Systems and Programming; Director, Real Estate; Employment and Compensation Manager; Environmental Services Manager; Career Development, Training, and Employee Relations Manager; Parking Operations Manager; Risk Manager; Treasury Manager; and all other employees of the City of Hollywood.

This order may be appealed to the appropriate district court of appeal. A notice of appeal must be received by the Commission and the district court of appeal within thirty days from the date of this order. Except in cases of indigency, the court will require a filing fee and the Commission will require payment for preparing the record on appeal. Further explanation of the right to appeal is provided in Sections 120.68 and 447.504, Florida Statutes, and the Florida Rules of Appellate Procedure.

It is so ordered. POOLE, Chair, and JACKSON, Commissioner, concur.

I HEREBY CERTIFY that this document was filed and a copy served on each party on November 1, 2000.

BY: yang ann Burns Clerk

/bjk



### Appendix A (Managerial Employees)

Director, Office of Management and Budget

Director, Office of Public Relations

Deputy Director Public Utilities--Operations

Deputy Police Chief

Director, Office of Human Resources and Labor Relations

Director, Office of Parking Administration

Director, Dept. of Information Services

Director Dept. of Public Utilities

Director, Dept. of Financial Services

Director, Dept. of Public Works

Director, Dept. of Development Admin.

Director, Dept. of Parks, Recreation and Cultural Arts

Director, Office of Human Relations

Director, Purchasing and Materials Management

Employment and Compensation Manager

City Manager

Assistant City Manager

City Attorney

City Clerk

City Engineer

Chief Building Official

Fire/Rescue Chief

Police Chief

Director, Network Computer Services

Assistant to the Director, Department of Public Works

General Accounting Manager

Assistant to the Director, Division of Parks, Recreation and Cultural Arts

Assistant to the Director, Department of Design and Construction Management

Director, Department of Design and Construction Management

Director, Division of Community Planning

Director, Division of Code Enforcement

### Appendix B (Confidential Employees)

Administrative Assistant I to the Employment and Compensation Manager

Administrative Assistant II to the Assistant City Manager

Administrative Assistant II to Deputy Police Chief

Administrative Assistant II to the Director, Parks, Recreation and Cultural Arts

Administrative Assistant II to the Director, Development Administration

Administrative Assistant II to the Director, Financial Services

Administrative Assistant II to the Director, Information Services

Administrative Assistant II to the Director, Human Relations

Administrative Assistant II to the Director, Human Resources and Labor Relations

Administrative Assistant II to the Director, Management and Budget

Administrative Assistant II to the Director, Parking Administration

Administrative Assistant II to the Director, Public Utilities

Administrative Assistant II to the Director, Public Works

Administrative Assistant II to the Fire Chief

Administrative Assistant II to the Police Chief

Administrative Assistant II to the Director, Public Relations

Administrative Assistant III to the City Attorney

Administrative Assistant III to the City Manager

Deputy City Clerk to the City Clerk

Legal Secretary to the City Attorney

Paralegal to the City Attorney

Assistant to the City Manager

Equal Opportunity Manager

## APPENDIX B

## SALARY SCHEDULE AND SCHEDULE OF PAYGRADES

Class	Title	PG
1208	Accounting Clerk	G16
1207	Accounting Specialist*	G22
1001	Administrative Assistant	G25
	Administrative Assistant II-Mayor and Commission	-
1058	Administrative Secretary	G22
2042	Adult Program Supervisor	G29
6288	Air Conditioning Refrigeration Mechanic	G26
5250	Animal Control Officer	G19
2034	Aquatics Director	G25
2024	Assistant Beach Patrol Superintendent	G30
1016	Assistant Community Development Coordinator	G27
1025	Assistant Housing Rehabilitation Specialist	G23
1013	Assistant Planner	G30
1012	Associate Planner	G35
6029	Automated Collection Truck Operator*	G19
2005	Athletics Supervisor *	G31
6204	Automotive Mechanic	G23
6201	Automotive Service Helper	G11
3053	Background Investigator *	G24
2015	Beach Attendant	G04
2027	Beach Maintenance Supervisor	G31
1204	Bookkeeping Clerk	G13
1010	Budget Technician	G20
6035	Building Complainace Inspector	G33
5213	Building Inspector	G33
5217	Building Plans Examiner	G37
1046	Bus Operator *	G18
1128	Buyer	G22
5021	CAD Technician	G25
2050	Capital Projects Education Coordinator	G33
6220	Carpenter	G22
6225	Carpenter Supervisor	G33
1216	Cashier	G12
6006	CDL Licensed Labor Pool	G04
2040	Center Coordinator	G27
5219	Chief Building Inspector	G41
5215	Chief Building Plans Examiner	G39
1040	Chief Clerk	G14
5225	Chief Electrical Inspector	G39
6210	Chief Fire/Rescue Mechanic	G35
6208	Chief Mechanic	G29
5209	Chief Mechanical Examiner	G39
5209	Chief Mechanical Inspector*	G39
1043	Chief Permit Processor	G22
5234	Chief Plumbing Inspector	G39
5457	Chief Utility Mechanic	G27
5457	Chief Utility Mechanic - Waterplant *	G27

Class	Title	PG
2018	Citizen Resource Officer	G17
1009	Clerical Specialist*	G09
	Clerical Specialist - Mayor and Commission	
1032	Clerk II	G04
1036	Clerk III	G06
1048	Clerk Typist	G04
5201	Code Enforcement Officer	G26
2055	Code Enforcement Supervisor *	G34
5250	Code Officer Animal Control *	G26
6030	Collection Truck Operator	G17
6218	Communictions Analyst	G39
1130	Communications Clerk	G12
6215	Communications Shift Supervisor	G33
6216	Communications Technician	G27
1017	Community Development Coordinator	G34
1017	Community Development Program Specialist *	G34
1086	Community Development Coordinator*	G30
1087	Community Development Program Supervisor*	G32
9193	Community Liason Officer	G40
3047	Community Service Aide	G02
3046	Community Service Officer	G18
5211	Compliance Officer-	G33
5405	Compliance Technician II	G28
1108	Computer Operator I	G21
1109	Computer Operator II	G27
1112	Computer Programmer I	G27
1115	Computer Programmer II	G33
1022	Contract Compliance Coordinator	G25
6232	Control Systems Supervisor	G33
1082	Copy Center Operator*	G15
1083	Copy Center Supervisor*	G27
3049	Court Liason Officer *	G25
3042	Court Liaison Specialist *	G21
3033	Crime Intelligence Analyst	G28
3051	Crime Prevention Specialist	G24
3040	Crime Scene Tech I*	G29
3044	Crime Scene Tech II*	G35
3043	Crime Scene Unit Supervisor*	G42
2061	Crime Watch Coordinator *	G24
2044	Cultural Affairs Coordinator *	G27
2047	Cultural Arts Coordinator	G27
6009	Custodian	G10
6005	Custodian Supervisor*	G18
1102	Data Entry Clerk	G11
2026	Dockmaster	G25
5221	Electrical Inspector	G33
5220	Electrical Plans Examiner*	G37

Class	Title	PG
6233	Electrical/Mechanical Supervisor	G33
6230	Electrician	G26
6231	Electrician Helper *	G07
6287	Electro Technician	G27
5033	Engineering Inspector	G33
1218	Engineering Technician II*	G33
6049	Environmental Compliance Coordinator	G27
5402	Environmental Specialist	G32
5402	Environmental Educational Specialist*	G32
6020	Equipment Operator	G16
Like O	Equipment Operator I *	13
6021	Equipment Operator II *	16
6237	Facility Maintenance Technician	G18
5465	Field Services Superintendent	33
1211	Financial Systems Analyst	G34
3036	Fingerprint Technician	16
3011	Fire Equipment Technician	G22
6206	Fire/Rescue Apparatus Mechanic	G29
1031	Fleet Maintenance Specialist*	G16
6037	Geographic Information Coordinator	28
1219	Geographic Information Systems Analyst*	28
6033	Geographic Information Technician	25
1130	Grants Coordinator*	25
3038	Graphics Designer and Photographer *	G31
6010	Grounds and Urban Forestry Supervisor *	G31
6008	Groundskeeper	G10
1217	Head Cashier	G17
6024	Heavy Equipment Operator	G18
1027	Housing Counselor	G29
5202	Housing Inspector	27
1020	Housing Loan Processor	25
1023	Housing Program Supervisor	39
1018	Housing Rehabilitation Specialist	25
5207	Housing rehabilitation Inspector*	26
3040	Identification Technician I	23
3044	Identification Technician II	27
3045	Identification Technician III	31
1101	Information Services Specialist I	16
1103	Information Services Specialist II	24
1123	Inventory Control Specialist	29
1028	Irrigation Supervisor *	G27
5446	Laboratory Technician	G24
6004	Laborer	G05
6003	Labor Pool	4
6035	Landscape Inspector	25
3037	Latent Print Examiner	G27
5206	Lead Code Enforcement Officer	30

Class	Title	PG
6005	Lead Custodian	14
6012	Lead Custodian*	G14
6528	Lead Parking Garage Attendant*	23
2016	Lifeguard	16
6229	Lead Electrician*	G30
1080	Mail Courier	9
5451	Maintenance Planner/Scheduler*	27
6236	Maintenance Technician	G14
2020	Marina Attendant	G15
2017	Marina Security Guard	G01
2024	Marine Safety Captain*	G30
2023	Marine Safety Lieutenant	G27
2021	Marine Safety Officer	G25
2025	Marine Safety Specialist	G25
2048	Marketing and Promotions Coordintor	27
1019	Marketing Coordinator	35
6200	Master Mechanic*	26
5205	Mechanical Inspector	G33
5218	Mechanical Plans Examiner*	37
6280	Meter Repair Technician I	G15
6284	Meter Repair Technician II	G23
1113	Microcomputer Analyst I	27
1114	Microcomputer Analyst II	G39
1030	Microcomputer Intern	21
1059	Neighborhood Resource Specialist*	22
1100	Network Analyst	39
6010	Nursury/Landscape Supervisor	29
2016	Ocean Lifeguard*	G16
5204	Occupational License Inspector	25
6028	Packer Operator	16
6244	Painter	G20
2022	Park Ranger	G11
2031	Park Maintenance Supervisor*	29
1055	Park Monitor*	1
2022	Park Ranger	11
2040	Park Ranger Coordinator*	G27
2013	Parking Attendant*	23
3012	Parking Enforcement Specialist	15
3014	Parking Enforcement Specialist Lead Worker*	19
3013	Parking Enforcement Specialist Supervisor*	23
3013	Parking Meter Checker Supervisor	18
6252	Parking Meter Technician	48
6258	Parking Meter Technician Supervisor	22
3019	Parking Collections and Accounting Clerk *	G23
3018	Parking Enforcement Officer	G19
6254	Parking Garage Technician *	G15
	Parking Operations Supervisor *	G25

Class	Title	PG
3017	Parking Operations Technician *	G22
3020	Parking Services Representative I *	<u>G14</u>
<u>6251</u>	Parking Services Supervisor *	G22
2062	Parking Technology Specialist *	<u>G17</u>
1215	Payroll Coordinator	G27
1221	Payroll Specialist*	G22
1039	Permit <del>Violatiions</del> Processor I	G6
1050	Permit <del>Violatiions</del> Processor II	G14
3034	Photo Imaging Specialist*	G24
3034	Photo Lab Technician	20
5451	Planner/Scheduler*	G27
5429	Plant Operator I	G21
5430	Plant Operator II	24
1104	Plant Operator/Driver*	26
5438	Plant Operator I Rotator*	G24
5439	Plant Operator I Trainee-Rotator*	G22
6260	Plumber	G26
5229	Plumbing Inspector	G33
5222	Plumbing Plans Examiner*	G37
1037	Police Information Clerk	7
5226	Police Operations Technician*	G27
3022	Police Storekeeper	G14
1203	Police Timekeeper *	G22
2008	Pool Lifeguard	G07
2010	Pool Supervisor	G20
1082	Printer	15
1083	Printing Supervisor	27
6232	Process Control Systems Supervisor*	G33
5410	Process Ctrl Sys Tech - Analyst*	G33
1085	Procurement Aide*	14
6203	Procurement Specialist*	G22
3023	Property Clerk	G20
5203	Property Standards Specialist*	25
5025	Property Survey/records Coordinator	25
6050	Public Works Education Coordinator	33
6036	Public Works Supervisor	G25
3027	Rangemaster	G21
1053	Records Analyst *	G24
1035	Records Leadworker*	10
1056	Records Processor	12
1056	Records Technician*	12
1056	Records Technician I *	G12
1052	Records Technician II *	G16
2028	Recreation Aide	G01
2019	Recreation Coordinator*	G27
1110	Recreation Courier*	G14
2036	Recreation Leader	G11

Class	Title	PG
2032	Recreation Leader Trainee	1
2030	Recreation Maintenance Aide	G01
9052	Recreation Maintenance Manager	33
6032	Recreation Maintenance Supervisor*	<u>G27</u>
6026	Recreation Operations Assistant*	G18
2042	Recreation Program Supervisor*	G31
6048	Refuse Collection Section Supervisor	27
6027	Refuse Collector	G11
5403	Regulatory Compliance Officer	G35
1213	Revenue Analyst	34
5204	Revenue Inspector*	26
3080	Safety and Loss Control Engineer	36
6205	Sanitation Equipment Mechanic	24
2014	School Crossing Guard	SG00
2012	School Crossing Guard Leader	23
5210	Sanitation Code Enforcement Officer*	G26
1054	Secretary	G14
1210	Senior Accounty Clerk	G20
1129	Senior Buyer	35
5030	Senior CADD Operator	G34
6218	Senior Communications Technician	32
1051	Senior Computer Operator*	G31
5208	Senior Housing Inspector*	37
3016	Senior Parking Operations Technician *	G24
1214	Senior Payroll Specialist *	G24
2009	Senior Pool Lifeguard	G17
1128	Senior Procurement Specialist *	32
1225	Senior Programmer Analyst	39
3024	Senior Property Clerk	G24
5407	Senior Utility Field Technician*	G21
5464	Service Representative*	45
5466	Service Representative Supervisor*	21
1060	Social Services Coordinator *	G23
1111	Software Analyst	39
2038	Sound and Light Technician	27
2043	Special Events Coordinator	G27
2033	Special Events Leader	G15
2049	Special Events Supervisor	29
1122	Storekeeper	G14
1125	Storekeeper Supervisor	G23
1120	Stores Clerk	G09
1119	Stores Driver	G05
5406	Stormwater Technician	27
6047	Streets Maintenance Supervisor *	G31
2038	Technical Coordinator*	G27
2037	Technical Theater Specialist	G11
3030	Telecommunicator I	G17

Class	Title	PG
3031	Telecommunicator II	G25
2045	Theater Assistant	5
2039	Theater Specialist	11
1014	Transportation Planner*	32
5452	Treatment Plant Mechanic I	G19
5456	Treatment Plant Mechanic II	G23
6031	Urban Forest/Irrigation Supervisor	29
9057	Utilities Contract Technician*	25
1118	Utilities Engineering Technician I*	25
1218	Utilities Engineering Technician II*	33
1318	Utilities Engineering Technician III*	39
5401	Utilities Service Worker I	14
5404	Utilities Service Worker II	18
5407	Utilities Service Worker III	21
5401	Utility Field Technician*	G14
5459	Utility Locator/Inspector	27
5458	Utilities Maintenance Helper	13
3035	Utility Operations Analyst*	G33
5433	Utility Operations Supervisor*	G29
5431	Utility Shift Supervisor	G28
5434	Utility Shift Supervisor Wastewater*	G30
5427	Utility Shift Supervisor Wastewater Plant-Rotator*	G33
1038	Victim Advocate	G19
6266	Welder*	G23
2007	Youth Services Coordinator*	27

<sup>\*</sup> The parties have mutually agreed to include the above asterisked positions; and, a joint unit clarification between the City of Hllywood and AFSCME will be prepared by AFSCME and submitted to P.E.R.C. for inclusion of the agreed upon positions.

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97,608,12	2	22,980.03	23,536.49	24,154,79	24,731.87	25,370.77	26,030.29	26,710.41	27,431.76	28,111,89	28,771.40	29,492.75	30,255,32
10.76	N.	11,32	11.61	11.89	12.20	12:51	12.84		13.52	13.83	14.18	14.55	14.91
22,382,34	22.	23,536,49	24,154.79	24,731.87	25,3	26,030.29	26,710.41	27,431.76	28,111.89	28,771.40	29,492,75	30,255.32	31,017,88
11.05		11,61	11.89	12.20		12.84	13.19	13.52	13.83	14.18	14.55	14.91	15.30
22,980.03	21	24,154.79	24,731.87	25,370,77	26,030,29	26,710.41	27,431.76	28,111.89	28,771.40	29,492.75	30,255.32	31,017,88	31,821,67
11.32		11.89	12.20	12.51	12.84	13.19	13.52	13.83	14.18	14.55	14.91	15,30	15.69
44 64	167.6	24,(31,07	170700	20,030,23	49 40	27,431,70	20,111,03	20,777,90	29,492,75	30,255.32	31,017.88	31,821.67	32,625,45
11.6		12.20	12,51	12.84	13.19	13.52		14.18	14.55	14.91	15.30	15.69	16.09
24,154.79		25,370.77	26,030.29	26,710.41	27,431,76	28,111,89	28,771,40	29,492,75	30,255.32	31,017.88	31,821.67	32,625.45	33,470.46
11.89		12.51	12.84	13.19	13.52	13.83	14.18	14.55		15,30	15.69	16,09	16.52
24,731.87	25,3	26,030,29	26,710,41	27,431,76	28,111.89	28,771.40	29,492.75	30,255.32	31,017,88	31,821.67	32,625.45	33,470.46	34,356,68
12.20		12,84	13,19	13.52	13,83	14.18	14.55	14.91	15.30	15.69	16.09	16.52	16.92
25,370.77	26	26,710.41	27,431.76	28,111.89	28,771.40	29,492,75	30,255.32	31,017.88	31,821.67	32,625.45	33,470.46	34,356.68	35,201.69
12.51	3	13,19	13.52	13.83	14.18	14.55	14,91		15.69	16.09	16.52	16.92	17,34
26,030,29	26,7	27,431,76	28,111,89	28,771.40	29,492,75	30,255,32	31,017,88	31,821.67	32,625,45	33,470.46	34,356.68	35,201,69	36,067.30
12,84		13,52	13.83	14.18	14.55	14.91	15,30	15.69	16.09	16.52	16.92	17.34	17.79
26,710.41		28,111.89	28,771.40	29,492.75	30,255.32	31,017.88	31,821.67	32,625.45	33,470.46	34,356,68	35,201,69	36,067.30	36,994.75
13,19		13,83	14.18	14,55	14,91	15.30	15,69	16.09	16.52	16,92	17,34	67.71	18,23
27,431,76	76 28,111,89	28,771,40	29,492.75	30,255.32	31,017,88	31,821,67	32,625,45	33,470.46	34,356,68	35,201.69	36,067,30	36,994,75	37,922.19
13,52		14.18	14,55	14.91	15,30	15,69	16.09		16.92	17.34	17.79	18.23	18.69
28,111.89		29,492.75	30,255.32	31,017.88	31,821.67	32,625.45	33,470.46	34,356.68	35,201.69	36,067,30	36,994.75	37,922.19	38,870.25
13:83	型	14:55	14.91	15.30	15.69	16.09	16,52	16.92	17.34	17,79	18.23	18.69	19.15
28,171,40	29,4	30,255.32	31,017,88	31,821,67	32,625,45	33,4/0,46	34,356,68	35,201,69	36,067,30	36,994.75	37,922,19	38,870.25	39,838,91
14.18		14.91	15.30	15.69	16.09	16,52	16.92	17,34	17.79	18.23	18,69	19.15	19.64
29,492,75	30	31,017.88	31,821.67	32,625.45	33,470.46	34,356.68	35,201.69	36,067,30	36,994.75	37,922.19	38,870,25	39,838,91	40,848.80
14.55	體	15.30	15,69	16.09	16.52		17.34	17,79		18.69	19.15	19,64	20.16
30,255,32	31.0	31,821,67	32,625,45	33,470.46	34,356,68	35,201,69	36,067,30	36,994,75	37,922.19	38,870.25	39,838.91	40,848.80	41,941,12
14.91		15.69	16.09	16.52	16.92	17.34	17.79	18,23	18,69	19.15	19,64	20,16	20.67
31,017.88	31	32,625.45	33,470.46	34,356.68	35,201.69	36,067.30	36,994.75	37,922.19	38,870.25	39,838.91	40,848.80	41,941.12	42,992.23
15,30	10	16.09	16.52	Mod	17.34	17.79	18.23		19.15	19,64	20.16	20.67	21.18
31,821.67	32,€	33,470.46	34,356.68	35,201,69	36,067.30	36,994.75	37,922.19	38,870,25	39,838,91	40,848.80	41,941.12	42,992,23	44,063,94
15,69		16.52	16,92	17.34	17.79	18,23	18.69	19.15	19.64	20,16	20.67	21.18	21.73
32,625,45	45 33,470,46	34,356,68	35,201,69	36,067.30	1	37,922,19	38,870,25	39,838,91	40,848.80	41,941,12	42,992.23	44,063,94	45,197.48
16.09	影	16.92	17,34	17.79	10,115	18.69	19.15	19.64	20.16	20.67	21.18	21.73	22,28
33,470,46	46 -34,356,68	35,201,69	36,067,30	36,994.75	37,922,19	38,870,25	39,838.91	40,848.80	41,941,12	42,992,23	44,063,94	45,197,48	46,351,64
16.52		17.34	17.79		18.69	19.15	19.64	20.16	20.67	21,18	21.73	22.28	22.83
34,356.68	35,	36,067.30	36,994.75	37,922.19	38,870,25	39,838.91	40,848,80	41,941.12	42,992,23	44,063,94	45,197.48	46,351.64	47,485.18
16.92	Vi.	17.79	18.23	18.69	19.15	19.64	20.16		21.18	ALTON A	22.28	22.83	23.41
35,201,69	36,0	36,994.75	37,922,19	38,870,25	39,838,91	40,848.80	41,941,12	42,992.23	44,063,94	45,197,48	46,351.64	47,485,18	48,701.17
17.34		18.23	18.69	19.15	19.64	20,16	20.67	21.18	21.73	22.28	22.83	23.41	24.00
36,067.30		37,922.19	38,870.25	39,838.91	40,848.80	41,941,12	42,992,23	44,063.94	45,197,48	46,351.64	47,485.18	48,701.17	49,917.15
17,79	18.23	18.69	19,15	19.64	20.16	20.67	21:18	21.73	22.28	22.83	23,41	24,00	24.60



88	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%
	14.91	15.30	15.69	16.09	16.52	16.92	17.34	17.78
-	31,017.88	31,821.67	32,625.45	33,470.46	34,356.68	35,201.69	36,067.30	36,994,75
	15.30	15.69	16,09	16.52	16.92	17.34	17.79	18.23
. 2	31,821.67	32,625.45	33,470.46	34,356,68	35,201,69	36,067.30	36,994.75	37,922.19
	15.69	16.09	16.52	16.92	17.34	17.79	18.23	18.69
3	32,625.45	33,470.46	34,356.68	35,201.69	36,067.30	36,994.75	37,922.19	38,870,25
100	16,09	16.52	16.92	17.34	17.79	18.23	18.69	19.15
4	33,470,46	34,356.68	35,201,69	36,067,30	36,994.75	37,922.19	38,870,25	39,838,9
	16.52	16.92	17.34	17.79	18.23	18.69	19,15	19.64
2	34,356.68	35,201.69	36,067.30	36,994.75	37,922.19	38,870,25	39,838.91	40,848.80
	16.92	17.34	17.79	18.23	18.69	19,15	19.64	20.16
9	35,201.69	36,067.30	36,994,75	37,922.19	38,870.25	39,838,91	40,848.80	41,941.12
	17.34	17.79	18.23	18.69	19.15	19.64	20.16	20.67
7	36,067,30	36,994.75	37,922.19	38,870.25	39,838.91	40,848.80	41,941.12	42,992,23
	17.79	18.23	18.69	19,15	19.64	20.16	20.67	21.18
8	36,994.75	37,922.19	38,870,25	39,838,91	40,848.80	41,941.12	42,992.23	44,063,94
	18.23	18.69	19.15	19.64	20.16	20.67	21.18	21.73
6	37,922.19	38,870.25	39,838.91	40,848.80	41,941.12	42,992.23	44,063.94	45,197.48
	18,69	19.15	19.64	20.16	20.67	21.18	21,73	22,28
10	38,870.25	39,838.91	40,848.80	41,941.12	42,992.23	44,063.94	45,197.48	46,351.64
	19,15	19.64	20.16	20.67	21.18	21.73	22.28	22,83
11	39,838,91	40,848.80	41,941.12	42,992.23	44,063.94	45,197.48	46,351.64	47,485.18
	19.64	20.16	20.67	21.18	21.73	22.28	22.83	23.41
12	40,848.80	41,941.12	42,992.23	44,063.94	45,197.48	46,351.64	47,485.18	48,701,17
	20.16	20.67	21.18	21.73	22.28	22.83	23.41	24,00
13	41,941.12	42,992.23	44,063.94	45,197.48	46,351,64	47,485.18	48,701.17	49,917.15
	20.67	21,18	21.73	22.28	22.83	23.41	24.00	24.60
14	42,992.23	44,063.94	45,197.48	46,351.64	47,485.18	48,701.17	49,917.15	51,174.35
	21.18	21.73	22.28	22.83	23.41	24,00	24.60	25.24
15	44,063.94	45,197.48	46,351.64	47,485.18	48,701.17	49,917.15	51,174.35	52,493.38
30	21.73	22.28	22.83	23.41	24,00	24.60	25.24	25.87
16	45,197.48	46,351.64	47,485.18	48,701.17	49,917.15	51,174.35	52,493.38	53,812,42
	22.28	22.83	23.41	24.00	24.60	25.24	25.87	26.50
17	46,351.64	47,485.18	48,701.17	49,917.15	51,174.35	52,493.38	53,812.42	55,110.84
	22.83	23.41	24.00	24.60	25.24	25.87	26.50	27.17
18	47,485.18	48,701.17	49,917.15	51,174,35	52,493.38	53,812.42	55,110.84	56,512.31
	23.41	24.00	24.60	25.24	25.87	26.50	27.17	27.85
19	48,701.17	49,917.15	51,174.35	52,493.38	53,812.42	55,110.84	56,512.31	57,934,40
	24.00	24.60	25.24	25.87	26.50	27.17	27.85	28.57
20	49,917.15	51,174.35	52,493,38	53,812,42	55,110.84	56,512.31	57,934.40	59,418,31
	24.60	25.24	25.87	26.50	27.17	27.85	28.57	29.30
21	51,174.35	52,493.38	53,812.42	55,110.84	56,512.31	57,934.40	59,418.31	60,943,44
	25.24	25.87	26.50	27.17	27.85	28.57	29.30	30.02
22	52,493,38	53,812.42	55,110.84	56,512.31	57,934.40	59,418.31	60,943,44	62.447.96

C4 440 44
0,640.60 41,941.12 42,952.23 44,063.34
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22,83 23,41 24,00 24,60
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100	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	6/7/17	6 11270	4 114 10
-	25.87	26.50	27.17	27.85	28.57	29.30	30.02	30.80
23	53,812.42	55,110.84	56,512.31	57,934.40	59,418.31	60,943,44	62,447.96	64,055.53
180	26.50	27.17	27.85	28.57	29.30	30.02	30.80	31,58
24	55,110.84	56,512.31	57,934.40	59,418.31	60,943,44	62,447.96	64,055,53	65,683.71
	27.17	27.85	28.57	29.30	30.02	30.80	31.58	32.37
25	56,512.31	57,934,40	59,418.31	60,943.44	62,447.96	64,055.53	65,683.71	67,332.50
36		28.57	29.30	30.02	30.80	31,58	32.37	33.19
26	57,934.40	59,418.31	60,943,44	62,447.96	64,055.53	65,683,71	67,332.50	69,043.12
-	28.57	29.30	30.02	30.80	31.58	32.37	33.19	34.02
27	59,418.31	60,943,44	62,447.96	64,055,53	65,683,71	67,332,50	69,043,12	70,753,75
160	29.30	30.02	30,80	31,58	32.37	33.19	34.02	34.89
28	60,943.44	62,447.96	64,055.53	65,683.71	67,332.50	69,043.12	70,753,75	72,567,42
-	30.02	30.80	31.58	32.37	33,19	34.02	34,89	35.75
29	62,447,96	64,055,53	65,683,71	67,332,50	69.043.12	70,753,75	72.567.42	74.360.48
100	30.80	31.58	32.37	33.19	34.02	34.89	35.75	36.65
30	64,055.53	65,683,71	67,332.50	69,043,12	70,753.75	72,567.42	74,360,48	76,235,98
-	31.58	32.37	33.19	34.02	34.89	35.75	36.65	37.57
31	65,683.71	67,332.50	69,043.12	70,753.75	72,567.42	74,360.48	76,235.98	78,152.70
	32,37	33.19	34.02	34.89	35.75	36.65	37.57	38.54
32	67,332,50	69,043.12	70,753.75	72,567.42	74,360,48	76,235.98	78,152,70	80,172,46
-	33.19	34.02	34.89	35.75	36.65	37.57	38,54	39.50
33	69,043.12	70,753.75	72,567.42	74,360.48	76,235.98	78,152.70	80,172,46	82,151.01
13	34.02	34.89	35.75	36.65	37.57	38.54	39.50	40.51
34	70,753.75	72,567.42	74,360,48	76,235.98	78,152.70	80,172.46	82,151.01	84,253.22
_	34.89	35.75	36.65	37.57	38.54	39.50	40.51	41.52
35	72,567.42	74,360.48	76,235,98	78,152.70	80,172.46	82,151.01	84,253,22	86,355.43
12	35.75	36.65	37,57	38,54	39.50	40.51	41.52	42.56
36	74,360.48	76,235.98	78,152.70	80,172.46	82,151.01	84,253,22	86,355,43	88,519.47
-	36.65	37.57	38.54	39.50	40.51	41.52	42.56	43.63
37	76,235.98	78,152.70	80,172.46	82,151.01	84,253.22	86,355.43	88,519.47	90,745.34
48	37.57	38,54	39.50	40,51	41.52	42.56	43,63	44.72
38	78,152.70	80,172.46	82,151,01	84,253,22	86,355.43	88,519.47	90,745.34	93,012.42
-	38.54	39.50	40.51	41.52	42.56	43.63	44.72	45.84
39	80,172,46	82,151.01	84,253,22	86,355,43	88,519.47	90,745.34	93,012.42	95,341.34
18	39.50	40.51	41.52	42,56	43.63	44,72	45.84	46.99
40	82,151.01	84,253.22	86,355.43	88,519.47	90,745.34	93,012.42	95,341,34	97,732.09
-	40.51	41.52	42.56	43.63	44.72	45,84	46.99	48,17
41	84,253.22	86,355.43	88,519.47	90,745.34	93,012.42	95,341,34	97,732,09	100,184.67
4	41.52	42.56	43.63	44.72	45.84	46.99	48.17	49.37
42	86,355,43	88,519,47	90,745.34	93,012.42	95,341,34	97,732.09	100,184.67	102,699.07
_	42.56	43.63	44.72	45.84	46.99	48.17	49.37	50.61
43	88,519.47	90,745.34	93,012.42	95,341,34	97,732.09	100,184.67	102,699.07	105,275,31
18	43.63	44.72	45.84	46.99	48.17	49,37	50.61	51.88
44	90,745.34	93,012,42	95,341,34	97,732.09	100,184.67	102,699.07	105,275,31	107,913.37
_	44.72	45.84	46,99	48.17	49.37	+ 50.61	51.88	53.18
AF	02 010 40	95.341.34	97,732,09	100,184.67	102,699.07	105,275,31	107,913.37	110,613,27



	44.72	93,012.42	45.84	95,341.34	46.99	97,732.09	48.17	100,184.67	49.37	102,699.07	50.61	105,275.31	51.88	107,913.37	53.18	110,613.27	54,55	113,457.43	55.88	116,239.77	57.28	119,145.76
4	43.63	90,745.34	44.72	93,012.42	45.84	95,341,34	46.99	97,732.09	48.17	100,184.67	49.37	102,699.07	50.61	105,275.31	51.88	107,913.37	53.18	110,613.27	54.55	113,457,43	55,88	116,239,77
13	42.56	88,519.47	43.63	90,745.34	44.72	93,012.42	45.84	95,341.34	46.99	97,732.09	48.17	100,184.67	49.37	102,699.07	50.61	105,275.31	51.88	107,913.37	53.18	110,613.27	54.55	113,457.43
1-2	41.52	86,355.43	42.56	88,519.47	43.63	90,745.34	44.72	93,012.42	45.84	95,341.34	46.99	97,732.09	48.17	100,184.67	49.37	102,699.07	50.61	105,275,31	51.88	107,913.37	53.18	110,613.27
S	40.51	84,253.22	41.52	86,355.43	42.56	88,519.47	43.63	90,745.34	44.72	93,012.42	45.84	95,341.34	46.99	97,732.09	48.17	100,184.67	49.37	102,699.07	50.61	105,275,31	51.88	107,913.37
	39.50	82,151.01	40.51	84,253.22	41.52	86,355.43	42.56	88,519,47	43.63	90,745.34	44,72	93,012.42	45.84	95,341.34	46.99	97,732.09	48.17	100,184.67	49.37	102,699.07	50,61	105,275,31
Н	38.54	80,172.46	39.50	82,151.01	40.51	84,253.22	41.52	86,355.43	42.56	88,519.47	43.63	90,745.34	44.72	93,012,42	45.84	95,341.34	46.99	97,732.09	48.17	100,184.67	49.37	102,699.07
9	37.57	78,152.70	38.54	80,172.46	39.50	82,151.01	40.51	84,253.22	41.52	86,355.43	42,56	88,519.47	43.63	90,745.34	44.72	93,012,42	45.84	95,341,34	46.99	97,732.09	48,17	97,732.09 100,184.67
F	36.65	76,235.98	37.57	78,152.70	38,54	80,172.46	39.50	82,151.01	40.51	84,253.22	41,52	86,355.43	42,56	88,519.47	43.63	90,745,34	44.72	93,012.42	45.84	95,341.34	46.99	97,732.09
E	35.75	74,360.48	36,65	76,235.98	37.57	78,152.70	38.54	80,172,46	39.50	82,151.01	40.51	84,253.22	41.52	86,355,43	42.56	88,519,47	43.63	90,745.34	44.72	93,012.42	45.84	95,341.34
D	34.89	72,567.42	35.75	74,360.48	36.65	76,235,98	37.57	78,152.70	38.54	80,172.46	39.50	82,151.01	40.51	84,253.22	41.52	86,355,43	42.56	88,519.47	43.63	90,745.34	44.72	93,012.42
C	34.02	70,753.75	34.89	72,567.42	35.75	74,360.48	36.65	76,235.98	37.57	78,152,70	38.54	80,172.46	39.50	82,151.01	40.51	84,253,22	41.52	86,355.43	42.56	88,519.47	43.63	90,745.34
В	33,19	69,043.12	34.02	70,753.75	34.89	72,567.42	35.75	74,360.48	36.65	76,235,98	37.57	78,152.70	38.54	80,172,46	39.50	82,151,01	40.51	84,253.22	41.52	86,355.43	42.56	88,519.47
A	32.37	67,332.50	33,19	69,043.12	34.02	70,753,75	34.89	72,567.42	35.75	74,360.48	36.65	76,235.98	37.57	78,152.70	38.54	80,172.46	39.50	82,151.01	40.51	84,253.22	41.52	86,355.43
	W.	46	-	47	910	48	-	49	100	20		51		52	18	53	TANK TANK	54		55	100	99

2 712%	2.1/	2 1/2%	2 1/2%	2 1/2%	2 1/2%	21/	2 1/2%
40.04	46.99	48.17	49.37	50.61	51.88	53,18	54.55
95,341.34	97,732.09	100,184.67	102,699.07	105,275,31	107,913.37	110,613.27	113,457.43
46.99	48.17	49.37	50.61	51.88	53.18	54.55	55.88
97,732.09	100,184.67	102,699.07	105,275.31	107,913.37	110,613.27	113,457,43	116.239.77
48.17	49.37	50.61	51.88	53.18	54.55	55.88	57.28
100,184.67	102,699.07	105,275.31	107,913.37	110,613.27	113,457,43	116,239,77	119.145.76
49.37	50.61	51.88	53,18	54.55	55.88	57.28	58.72
102,699.07	105,275.31	107,913.37	110,613.27	113,457.43	116,239.77	119,145,76	122.134.20
50.61	51.88	53,18	54.55	55.88	57.28	58.72	60.18
105,275.31	107,913.37	110,613.27	113,457,43	116,239.77	119,145.76	122,134,20	125.184.46
51.88	53.18	54.55	55.88	57.28	58.72	60.18	61.69
107,913.37	110,613.27	113,457.43	116,239.77	119,145.76	122,134.20	125,184,46	128.317.16
53.18	54.55	55.88	57.28	58.72	60.18	61.69	63.24
110,613.27	113,457.43	116,239.77	119,145.76	122,134.20	125,184.46	128.317.16	131,532,31
54.55	55.88	57.28	58.72	60.18	61.69	63.24	64.82
113,457.43	116,239.77	119,145.76	122,134.20	125,184.46	128,317,16	131,532.31	134,829,89
55.88	57.28	58.72	60.18	61.69	63.24	64.82	66.45
116,239.77	119,145.76	122,134.20	125,184.46	128,317.16	131,532.31	134,829.89	138,209,91
57.28	58.72	60.18	61.69	63.24	64.82	66.45	68.1
119,145.76	122,134.20	125,184.46	128,317.16	131,532.31	134,829.89	138,209.91	141,672,37
58.72	60.18	61,69	63.24	64.82	66.45	68.11	69.81
122,134.20	125,184.46	128,317,16	131,532,31	134,829.89	138,209,91	138,209.91 141,672.37	145 214 18

	A			2		-							181		,
	9.50	9.74	9.98	10.24	10.50	10.75	11.03	11.30	11.58	11,87	12.17	12.48	12.78	13.11	13.43
-	19,763.21	20,253.39	20,765.85	21,300.60	21,835,34	22,370.08	22,949,39	23,506,41	24,085.72	24,687,30	25,311,17	25,957.32	26,581.19	27,271.90	27,940.32
-	9.74	9.98	10.24	10.50	10.75	11.03	11.30	11.58	11.87	12.17	12.48	12.78	13.11	13.43	13.76
N	20,253,39	20,765.85	21,300,60	21,835,34	22,370,08	22,949,39	23,506.41	24,085.72	24,687,30	25,311,17	25,957.32	26,581.19	27,271.90	27,940.32	28,631,03
	9.98	10.24	10.50	10.75	11.03	11.30	11.58	11.87	12.17	12.48	12.78	13.11	13.43	13.76	14.11
m	20,765.85	21,300.60	21,835,34	22,370,08	22,949,39	23,506,41	24,085.72	24,687.30	25,311,17	25,957,32	26,581,19	27,271.90	27,940,32	28,631.03	29,344,02
	10.24	10.50	10.75	11.03	11.30	11.58	11.87	12.17	12.48	12.78	13.11	13.43	13.76	14.11	14.47
শ	21,300.60	21,835,34	22,370,08	22,949.39	23,506.41	24,085.72	24,687.30	25,311.17	25,957.32	26,581,19	27,271.90	27,940.32	28,631.03	29,344.02	30,101.58
	10.50	10.75	11.03	11.30	11,58	11.87	12.17	12.48	12,78	13.11	13.43	13.76	14.11	14.47	14.83
Y)	21,835,34	22,370.08	22,949.39	23,506.41	24,085.72	24,687,30	25,311.17	25,957.32	26,581,19	27,271.90	27,940.32	28,631,03	29,344,02	30,101,58	30,836.85
	10.75	11.03	11.30	11.58	11.87	12.17	12.48	12.78	13.11	13,43	13.76	14,11	14.47	14.83	15.20
9	22,370,08	22,949,39	23,506.41	24,085,72	24,687,30	25,311,17	25,957,32	26,581.19	27,271.90	27,940.32	28,631,03	29,344,02	30,101.58	30,836,85	31,616,68
-	11.03	11.30	11.58	11.87	12.17	12.48	12.78	13.11	13.43	13.76	14.11	14.47	14.83	15.20	15.58
1	22,949,39	23,506.41	24,085.72	24,687.30	25,311,17	25,957.32	26,581,19	27,271.90	27,940.32	28,631,03	29,344,02	30,101,58	30,836.85	31,616.68	32,396.52
1	11.30	11.58	11.87		12.48	12.78	13.11	13.43	13.76	14.11	14.47	14.83	15.20	15.58	15.96
93	23,506,41	24,085,72	24,687.30	25,311.17	25,957,32	26,581,19	27,271.90	27,940.32	28,631,03	29,344.02	30,101,58	30,836,85	31,616.68	32,396.52	33,198.63
	11.58	11.87	12.17	12.48	12.78	13.11	13,43	13.76	14.11	14.47	14.83	15.20	15.58	15.96	16.37
6	24,085.72	24,687.30	25,311,17	25,957.32	26,581,19	27,271.90	27,940.32	28,631,03	29,344.02	30,101,58	30,836,85	31,616.68	32,396.52	33,198.63	34,045.31
	11.87	12.17	12.48		13.11	13.43	13.76	14.11	14.47	14.83	15.20	15.58	15.96	16.37	16.77
10	24.687.30	25,311,17	25,957.32	26,581.19	27,271.90	27,940.32	28,631,03	29,344.02	30,101.58	30,836.85	31,616,68	32,396.52	33,198.63	34,045.31	34,891.98
	12.17	12.48	12.		13.43	13.76	14.11	14.47	14.83	15.20	15.58	15.96	16.37	16.77	17.19
1.	25,311,17	25,957,32	26,581,19	27,271.90	27,940.32	28,631.03	29,344.02	30,101.58	30,836.85	31,616.68	32,396.52	33,198.63	34,045.31	34,891.98	35,760.94
	12.48	12.78	13,11	13.43	13.76	14.11	14.47	14.83	15.20	15.58	15.96	16.37	16.77	17.19	17.63
12	25,957.32	26,581,19	27,271.90	27,940.32	28,631,03	29,344,02	30,101,58	30,836.85	31,616.68	32,396.52	33,198.63	34,045,31	34,891.98	35,760.94	36,674.46
	12.78	13.11	13.43		14.11	14.47	14.83	15.20	15.58	15.96	16.37	16.77	17.19	17.63	18.06
13	26.581.19	27.271.90	27,940,32	28,631.03	29,344,02	30,101,58	30,836,85	31,616.68	32,396.52	33,198.63	34,045,31	34,891.98	35,760.94	36,674.46	37,565.70
	13.11	13.43		14.11	14.47	14.83	15.20	15.58	15.96	16.37	16.77	17.19	17.63	18,06	18.52
4	27,271.90	27,940.32	28,631.03	29,344.02	30,101,58	30,836.85	31,616.68	32,396.52	33,198.63	34,045.31	34,891,98	35,760.94	36,674.46	37,565.70	38,523.78
	13.43	13.76	14.11	14.47	14.83	15.20	15.58	15.96	16.37	16.77	17.19	17.63	18.06	18.52	18.97
15	27,940.32	28,631.03	29,344,02	30,101.58	30,836.85	31,616.68	32,396.52	33,198.63	34,045.31	34,891.98	35,760.94	36,674,46	37,565.70	38,523.78	39,459.58
-	13.76	14.11	14.47	14.83	15.20	15.58	15.96	16.37	16.77	17.19	17.63	18.06	18.52	18.97	19.45
16	28,631.03	29,344.02	30,101.58	30,836,85	31,616.68	32,396.52	33,198.63	34,045.31	34,891.98	35,760.94	36,674.46	37,565.70	38,523.78	39,459.58	40,462.22
	14.11	14.47		15.20	15.58	15.96	16.37	16.77	17.19	17.63	18.06	18.52	18.97	19,45	19.94
17	29,344.02	30,101,58	30,836.85	31,616,68	32,396.52	33,198.63	34,045,31	34,891.98	35,760.94	36,674,46	37,565.70	38,523.78	39,459.58	40,462.22	41,464.87
	14.47				15.96	16.37	16.77	17.19	17.63	18.06	18.52	18.97	19.45	19.94	20.44
93	30,101,58	30,836,85	31,616.68	32,396,52	33,198,63	34,045,31	34,891.98	35,760,94	36,674.46	37,565,70	38,523,78	39,459.58	40,462.22	41,464.87	42,512.07
-	14.83	15.20	15.58	15.96	16.37	16.77	17.19	17.63	18.06	18.52	18.97	19.45	19.94	20.44	20.94
19	30,836.85	31,616.68	32,396.52	33,198.63	34,045.31	34,891,98	35,760.94	36,674.46	37,565.70	38,523,78	39,459.58	40,462.22	41,464.87	42,512.07	43,559.28
	15.20		,	0	16.77	17.19	17.63	18.06	18.52	18.97	19.45	19.94	20.44	20.94	21.47
00	000000	29 206 69	22 408 63	34 045 34	34 891 98	35.760.94	36 674 46	27 585 70	38 523 78	39,459,58	40.462.22	41,464,87	42,512.07	43,559,28	44,651,04

Ī											
	13.76	14.11	14.47	14.83	15.20	15,58	15.50	15.89	16.29	16.45	17.63
-	28,631.03	29,344.02	30,101,58	30,836.85	31,616,68	32,396,52	32,231,68	33,053,70	33,875,71	34,218.60	36,674,46
	14.11	14.47	14.83	15.20	15.58	15.96	15.89	16.29	16.69	16.87	18.06
01	29,344.02	30,101.58	30,836,85	31,616,68	32,396,52	33,198,63	33,053.70	33,875.71	34,719.36	35,092,72	37,565,70
	14.47	14.83	15.20	15.58	15.96	16.37	16.29	16.69	17.12	17.28	18.52
63	30,101,58	30,836.85	31,616,68	32,396.52	33,198.63	34,045,31	33,875,71	34,719.36	35,606.27	35,945.52	38,523,78
	14.83	15.20	15.58	15.96	16.37	16.77	16.69	17.12	17.53	17.72	18.97
4	30,836.85	31,616,68	32,396.52	33,198.63	34,045,31	34,891.98	34,719.36	35,606.27	36,471,55	36,862,28	39,459.58
	15.20	15.58	15.96	16.37	16.77	17.19	17.12	17.53	17.98	18.15	19.45
40	31,616.68	32,396.52	33,198.63	34,045.31	34,891.98	35,760.94	35,606.27	36,471,55	37,401.73	37,757.72	40,462.22
	15.58	15.96	16.37	16.77	17.19	17.63	17.53	17.98	18.42	18.61	19.94
49	32,396.52	33,198.63	34,045.31	34,891.98	35,760.94	36,674,46	36,471,55	37,401.73	38,310.27	38,717.12	41,464.87
	15.96	16.37	16.77	17.19	17.63	18.06	17.98	18.42	18.89	19.08	20.44
1	33,198.63	34,045.31	34,891,98	35,760.94	36,674,46	37,565,70	37,401.73	38,310.27	39,283,71	39,676.52	42,512.07
	16.37	16.77	17.19	17.63	18.06	18.52	18.42	18.89	19.35	19.56	20.94
00	34,045,31	34,891.98	35,760.94	36,674.46	37,565.70	38,523.78	38,310,27	39,283.71	40,257.15	40,678,56	43,559,28
	16,77	17.19	17.63	18.06	18.52	18.97	18.89	19.35	19.84	20.04	21.47
6	34,891,98	35,760.94	36,674.46	37,565.70	38,523.78	39,459.58	39,283,71	40,257.15	41,273.86	41,680,60	44,651.04
	17.19	17.63	18.06	18.52	18.97	19,45	19.35	19.84	20.33	20.54	22.00
10	35,760.94	36,674.46	37,565.70	38,523.78	39,459,58	40,462.22	40,257.15	41,273.86	42,290.56	42,725.28	45,765.09
-	17.63	18.06	18.52	18.97	19.45	19.94	19.84	20.33	20.84	21.05	22.56
7	36,674.46	37,565.70	38,523.78	39,459.58	40,462.22	41,464.87	41,273.86	42,290,56	43,350.53	43,791.28	46,923.70
_	18.06	18.52	18.97	19.45	19.94	20.44	20.33	20.84	21.36	21.59	23.13
12	37,565.70	38,523.78	39,459.58	40,462.22	41,464.87	42,512,07	42,290.56	43,350.53	44,432,13	44,899.92	48,104.59
-	18.52	18.97	19.45	19.94	20.44	20.94	20.84	21.36	21.90	22.13	23.71
13	38,523,78	39,459.58	40,462,22	41,464.87	42,512.07	43,559,28	43,350,53	44,432.13	45,556.99	46,029.88	49,307.76
-	18.97	19.45	19.94	20.44	20.94	21.47	21.36	21.90	22.45	22.68	24.29
4	39,459,58	40,462.22	41,464.87	42,512.07	43,559.28	44,651.04	44,432.13	45,556.99	46,703.49	47,181,16	50,533.22
	19.45	19.94	20.44	20.94	21.47	22.00	21.90	22.45	23.02	23.25	24.91
15	40,462.22	41,464.87	42,512.07	43,559.28	44,651.04	45,765.09	45,556.99	46,703,49	47,871.62	48,353.76	51,803.23
	19.94	20.44	20.94	21.47	22.00	22.56	22.45	23.02	23.59	23.83	25.53
16	41,464.87	42,512.07	43,559.28	44,651.04	45,765.09	46,923.70	46,703,49	47,871.62	49,061.38	49,569.00	53,095.53
	20.44	20.94	21.47	22.00	22.56	23.13	23.02	23.59	24.18	24.43	26.16
17	42,512.07	43,559.28	44,651.04	45,765.09	46,923.70	48,104,59	47,871.62	49,061.38	50,294,40	50,805,56	54,410.10
_	20.94	21.47	22.00	22.56	23.13	23.71	23.59	24.18	24.78	25.03	26.81
93	43,559.28	44,651.04	45,765.09	46,923.70	48,104,59	49,307.76	49,061.38	50,294.40	51,549.06	52,063.44	55,769.24
	21.47	22.00	22.56	23.13	23.71	24.29	24.18	24.78	25.40	25.66	27.49
19	44,651,04	45,765.09	46,923.70	48,104.59	49,307.76	50,533.22	50,294.40	51,549.06	52,825,34	53,363.96	57,172.94
	22.00	22.56	23.13	23.71	24.29	24.91	24.78	25.40	26.03	26.30	28.17
20	The second second		Carlow Start	A. S. C. C.	100000	The second second		10 X Y 10	C 000 000		

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15.58	15.96	16.37	16.77	17.19	17.63	18.06	18.52	18.97	19.45	19.94	20.44	20.94	21.47	22.00
32,396,52	33,198.63	34,045,31	34,891,98	35,760,94	36,674.46	37,565,70	38,523.78	39,459.58	40,462.22	41,464.87	42,512.07	43,559,28	44,651.04	45,765,09
15.96	16.37	16.77	17.19	17.63	18.06	18.52	18.97	19.45	19.94	20.44	20.94	21.47	22.00	22.56
33,198.63	34,045,31	34,891.98	35,760.94	36,674,46	37,565.70	38,523.78	39,459,58	40,462,22	41,464.87	42,512.07	43,559,28	44,651.04	45,765.09	46,923.70
16.37	16.77	17.19	17.63	18.06	18.52	18.97	19,45	19.94	20.44	20.94	21.47	22.00	22.56	23.13
34,045,31	34,891.98	35,760.94	36,674,46	37,565.70	38,523.78	39,459.58	40,462,22	41,464.87	42,512.07	43,559.28	44,651.04	45,765.09	46,923.70	48,104.59
16.77		17.63	18.06	18.52	18.97	19.45	19.94	20.44	20.94	21.47	22.00	22.56	23.13	23.71
34,891,98	35,760.94	36,674.46	37,565.70	38,523.78	39,459,58	40,462.22	41,464.87	42,512.07	43,559.28	44,651.04	45,765.09	46,923.70	48,104.59	49,307.76
17.19	17.63	18,06	18,52	18.97	19,45	19.94	20.44	20.94	21.47	22.00	22.56	23.13	23.71	24.29
35,760.94	36,674,46	37,565.70	38,523,78	39,459,58	40,462,22	41,464.87	42,512.07	43,559.28	44,651,04	45,765.09	46,923.70	48,104.59	49,307.76	50,533.22
17.63			18.97	19.45	19.94	20.44	20.94	21.47	22.00	22.56	23.13	23.71	24.29	24.91
36,674,46	37,565.70	38,523,78	39,459.58	40,462.22	41,464.87	42,512.07	43,559,28	44,651,04	45,765.09	46,923.70	48,104.59	49,307.76	50,533.22	51,803.23
18.06		18.97	19.45	19.94	20.44	20.94	21.47	22.00	22,56	23.13	23.71	24.29	24.91	25.53
37,565.70	38,523.78	39,459,58	40,462.22	41,464.87	42,512.07	43,559.28	44,651.04	45,765.09	46,923.70	48,104,59	49,307.76	50,533.22	51,803.23	53,095.53
18.52		19.	19.94	20.44	20.94	21.47	22.00	22.56	23.13	23.71	24.29	24.91	25.53	26.16
38,523.78	39,459,58	40,462.22	41,464.87	42,512.07	43,559,28	44,651.04	45,765.09	46,923.70	48,104.59	49,307,76	50,533.22	51,803.23	53,095.53	54,410.10
18.97		19.94	20.44	20.94	21.47	22.00	22.56	23.13	23.71	24.29	24.91	25.53	26.16	26.81
39,459.58	40,462.22	41,464.87	42,512.07	43,559,28	44,651.04	45,765.09	46,923.70	48,104.59	49,307.76	50,533.22	51,803.23	53,095,53	54,410.10	55,769.24
19.45	19.94	20.44	20.94	21.47	22.00	22,56	23.13	23.71	24.29	24.91	25.53	26.16	26.81	27.49
40,462,22	41,464.87	42,512.07	43,559.28	44,651,04	45,765.09	46,923.70	48,104.59	49,307.76	50,533,22	51,803,23	53,095,53	54,410.10	55,769.24	57,172.94
19.94			21.47	22.00	22,56	23.13	23.71	24.29	24.91	25.53	26.16	26.81	27.49	28.17
41,464.87	42,512,07	43,559.28	44,651.04	45,765,09	46,923.70	48,104.59	49,307.76	50,533.22	51,803.23	53,095,53	54,410.10	55,769.24	57,172.94	58,598.92
20.44			22.00	22.56	23.13	23.71	24.29	24.91	25.53	26.16	26.81	27.49	28.17	28.88
42,512,07	43,559.28	44,651.04	45,765.09	46,923,70	48,104,59	49,307.76	50,533,22	51,803,23	53,095,53	54,410,10	55,769.24	57,172.94	58,598.92	60,069.47
20.94	21.47	22.00	22.56	23.13	23.71	24.29	24.91	25.53	26.16	26.81	27.49	28.17	28.88	29.60
43,559.28	44,651.04	45,765.09	46,923.70	48,104,59	49,307.76	50,533,22	51,803,23	53,095.53	54,410,10	55,769.24	57,172.94	58,598.92	60,069.47	61,562.29
21.47		22.		23.71	24.29	24.91	25.53	26.16	26.81	27.49	28.17	28.88	29.60	30.34
44,651,04	45,765.09	46,923.70	48,104.59	49,307.76	50,533.22	51,803.23	53,095.53	54,410,10	55,769.24	57,172.94	58,598.92	60,069.47	61,562.29	63,099,68
22.00	22.56	23.13	23.71	24.29	24.91	25.53	26.16	26.81	27.49	28.17	28.88	29.60	30.34	31.11
45,765.09	46,923.70	48,104.59	49,307.76	50,533.22	51,803.23	53,095.53	54,410.10	55,769.24	57,172,94	58,598,92	60,069.47	61,562.29	63,099,68	64,703.91
22.56		23.		24.91	25.53	26.16	26.81	27.49	28.17	28.88	29.60	30.34	31.11	31.88
46,923.70	48,104.59	49,307.76	50,533.22	51,803.23	53,095,53	54,410.10	55,769.24	57,172.94	58,598.92	60,069.47	61,562.29	63,099.68	64,703.91	66,308.14

	2	a	Y	2 11270	4 11470	6 112 /0	6/7/17	4 114 /0	6/7/17	4 112/0	6 116 /0
	22.56	23.13	23,71	24.29	24.91	25.53	25.40	26.03	26.69	26.96	28.88
	46,923.70	48,104,59	49,307.76	50,533.22	51,803.23	53,095,53	52,825.34	54,144.90	55,507.71	56,071.60	60,069.47
	23.13	23.71	24.29	24.91	25.53	26.16	26.03	26.69	27.35	27.63	29.60
	48,104,59	49,307.76	50,533.22	51,803.23	53,095.53	54,410.10	54,144.90	55,507.71	56,892.16	57,478.72	61,562,29
110	23.71	24.29	24.91	25.53	26.16	26.81	26.69	27.35	28.04	28.32	30.34
	49,307.76	50,533.22	51,803.23	53,095,53	54,410.10	55,769.24	55,507.71	56,892.16	58,319.87	58,907.16	89.660,69
	24.29	24.91	25.53	26.16	26.81	27.49	27.35	28.04	28.74	29.03	31.11
	50,533.22	51,803.23	53,095.53	54,410,10	55,769.24	57,172.94	56,892.16	58,319.87	59,769.22	60,378.24	64,703.91
	24.91	25.53	26.16	26.81	27.49	28.17	28.04	28.74	29.45	29.77	31.88
	51,803.23	53,095.53	54,410.10	55,769.24	57,172.94	58,598.92	58,319.87	59,769.22	61,261.82	61,913.28	66,308.14
	25,53	26.16	26.81	27.49	28.17	28.88	28.74	29.45	30.20	30.50	32.68
	53,095.53	54,410.10	55,769.24	57,172.94	58,598.92	60,069.47	59,769.22	61,261.82	62,819,33	63,448.32	67,979.21
1	26.16	26.81	27.49	28.17	28.88	29.60	29.45	30.20	30.95	31.27	33.50
	54,410.10	55,769.24	57,172.94	58,598.92	60,069.47	61,562,29	61,261.82	62,819.33	64,376.83	65,047.32	69,672,56
1	26.81	27.49	28.17	28.88	29.60	30.34	30.20	30.95	31.73	32.05	34.33
	55,769.24	57,172.94	58,598.92	60,069,47	61,562.29	63,099.68	62,819.33	64,376.83	65,999.23	66,667.64	71,410.48
1	27.49	28.17	28.88	29,60	30.34	31.11	30.95	31.73	32.52	32.85	35.19
	57,172,94	58,598.92	60,069.47	61,562.29	63,099.68	64,703.91	64,376.83	65,999.23	67,643.26	68,330.60	73,192.95
	28.17	28.88	29.60	30.34	31.11	31.88	31.73	32.52	33.33	33.67	36.07
	58,598.92	60,069,47	61,562.29	63,099.68	64,703.91	66,308.14	65,999.23	67,643.26	69,330.56	70,036.20	75,019.99
1	28.88	29.60	30.34	31.11	31.88	32.68	32.52	33.33	34.16	34.51	36.97
	60,069,47	61,562.29	63,099,68	64,703.91	66,308.14	67,979.21	67,643.26	69,330.56	71,061.12	71,784.44	76,891.59
1	29.60	30.34	31.11	31.88	32.68	33.50	33.33	34.16	35.02	35.37	37,89
	61,562,29	63,099.68	64,703.91	66,308.14	67,979.21	69,672,56	69,330,56	71,061.12	72,834,94	73,575,32	78,807.76
1	30.34	31.11	31.88	32.68	33.50	34.33	34.16	35.02	35.89	36.25	38.84
	63,099,68	64,703.91	66,308,14	67,979.21	69,672,56	71,410.48	71,061.12	72,834.94	74,652.03	75,408.84	80,790.76
1	31.11	31.88	32.68	33.50	34.33	35.19	35.02	35.89	36.78	37.17	39,82
	64,703,91	66,308.14	67,979.21	69,672.56	71,410.48	73,192.95	72,834.94	74,652.03	76,512.38	77,306.32	82,818.33
1	31.88	32.68	33.50	34.33	35.19	36.07	35.89	36.78	37.71	38.10	40.80
	66,308.14	67,979.21	69,672,56	71,410.48	73,192.95	75,019.99	74,652.03	76,512.38	78,437.63	79,246.44	84,868.18
1	32.68	33.50	34.33	35.19	36.07	36.97	36.78	37.71	38.66	39.04	41.82
	10 070 79	69.672.56	71.410.48	73.192.95	75,019,99	76,891.59	76,512.38	78,437.63	80,406.14	81,207.88	86,984.87

2000
49,307.76 50,533.22 51,803.23 53,095.53 54,410.10 55,769.24
24.29 24.91 25.53 26.16 26.81 27.49
50,533.22 51,803.23 53,095,53 54,410.10 55,769.24 57,172.94
24.91 25.53 26.16 26.81 27.49 28.17
51,803.23 53,095.53 54,410.10 55,769.24 57,172.94 58,598.92
25.53 26.16 26.81 27.49 28.17 28.88
53,095.53 54,410.10 55,769.24 57,172.94 58,598.92 60,069.47
54,410.10 55,769.24 57,172,94 58,598.92 60,069.47 61,562.29
26.81 27.49 28.17 28.88 29.60
55,769.24 57,172.94 58,598.92 60,069.47 61,562.29 63,099.68
27,49 28.17 28.88 29.60 30,34 31.11
57,172.94 58,598.92 60,069.47 61,562.29 63,099.68 64,703.91
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61,562.29 63,099,68 64,703,91 66,308,14 67,979,21 69,672,56
63,099.68 64,703.91 66,308.14 67,979.21 69,672.56 71,410.48
31,11 31.88 32.68 33.50 34.33 35.19
64,703.91 66,308.14 67,979.21 69,672.56 71,410.48 73,192.95
31.88 32.68 33.50 34.33 35.19
66,308.14 67,979.21 69,672.56 71,410.48 73,192,96 75,019,99
32.68 33.50 34.33 35.19 36.07
67,979,21 69,672,56 71,410,48 73,192,95 75,019,99 76,891,59
33.50 34.33 35.19 36.07 36.97 37.89
69,672,56 71,410,48 73,192.95 75,019.99 76,891,59 78,807.76
34.33 35.19 36.07 36.97 37.89 38.84
71,410,48 73,192.95 75,019.99 76,891.59 78,807.76 80,790.76
35.19 36.07 36.97 37.89 38.84 39.82
73,192,95 75,019,99 76,891,59 78,807.76 80,790,76 82,818,33
36.97
75,019.99 76,891.59 78,807.76 80,790.76 82,818.33 84,
76,891,59 78,807.76 80,790,76 82,818.33 84,868.18 86,
37.89 38.84 39.82 40.80 41.82
22 207 72 20 74 20 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25

	37 69		38 71		39 73		40 75,		41 76		42 78		43 80		44 82,		45 84		46 86		47 89		48 91	-	49 93,		50 96,		51 98,		52 100	-	53 103,		54 105.		55 108
P 33.50	9 672 56	34 33		35.19	73,192,95	36.07	5,019.99	36.97	76,891,59	37.89	78,807.76	38.84	80,790.76	39.85	2,818.33	40.80	84,868,18	41.82	86,984.87	42.87	89,168,40	43,94	,396.50	45.04	,691,44	46.17	,030,94	47.33	,437.28	48,50	100,888.19	49.73	103,428.22	50.96	105,990,53	52.24	664 24
34 33	71	35 19	73,192,95		75,019.99	36.97	76,891.59	37.89	78,807.76	38.84	80,790.76	39.82	82,818,33	40.80	84,868.18	41.82	86,984.87	42.87	89,168.40	43.94	91,396.50	45.04	93,691,44	46.17	96,030.94	47.33	98,437.28	48,50	100,888.19	49.73	103,428.22	50.96	105,990.53	52.24	108,664.24	53.54	111,360,24
35 19	73	-	75.		76,891,59		78,807.76	38.84	80,790.76	39.82	82,818.33	40.80	84,868,18	41.82	86,984.87	42.87	89,168.40	43.94	91,396.50	45.04	93,691.44	46.17	96,030.94	47.33	98,437.28	48.50	100,888.19	49.73	103,428.22	50.96	105,990.53	52.24	108,664.24	53.54	111,360.24	54.89	114 167 64
2 112%	75		76		78,807.76		80,790.76	39.82	82,818.33	40.80	84,868.18	41.82	86,984.87	42.87	89,168.40	43.94	91,396.50	45.04	93,691,44	46.17	96,030,94	47.33	98,437,28	48.50	100,888.19	49.73	103,428.22	50.96	105,990.53	52.24	108,664.24	53.54	111,360.24	54.89	114,167.64	56.25	116,997,32
2 1/2%	76	9	78		80,790.76	39.82	82,818,33	40.80	84,868,18	41.82	86,984.87	42.87	89,168,40	43.94	91,396,50	45.04	93,691.44	46,17	96,030,94	47.33	98,437.28	48.50	100,888.19	49.73	103,428.22	96.09	105,990,53	52.24	108,664.24	53,54	111,360,24	54.89	114,167.64	56.25	116,997.32	57.66	119,938,41
2 1/2%	78	0	80		82,818,33		84,868.18	41.82	86,984,87	42.87	89,168,40	43.94	91,396.50	45.04	93,691.44	46.17	96,030.94	47.33	98,437.28	48.50	100,888.19	49.73	103,428.22	50.96	105,990.53	52.24	108,664.24	53.54	111,360.24	54.89	114,167.64	56.25	116,997,32	99.76	119,938.41	59.10	122,924.06
2 1/2%	78	0	80		82,		84,451,33	41.62	86,571.26	42.66	88,734,46		90,962,56	44.82	93,233.92	45,95	95,570.18	47.09	97,949,70	48.28	100,415.74	49.47	102,903,42	50.72	105,499.26	51.98	108,116.74	53.29	110,842.37	54.61	113,589.63	55.98	116,445.06	57.38	119,343.74	58.81	122,328.96
2 112%	80		. 82	_	84		86,571.26	42.66	88,734.46	43.73	90,962,56	44.82	93,233,92	45.95	95,570.18	47.09	97,949.70	48.28	100,415.74	49.47	102,903.42	50.72	105,499,26	51.98	108,116,74	53.29	110,842,37	54.61	113,589.63	55.98	116,445.06	57.38	119,343.74	58.81	122,328.96	60.28	125,379.07
2 112%	200	97	84 451 33		86,		88,734,46	43.73	90,962.56	44.82	93,233.92	45.95	95,570.18	47.09	97,949.70	48.28	100,415.74	49.47	102,903.42	50.72	105,499.26	51.98	108,116.74	53.29	110,842.37	54.61	113,589.63	55.98	116,445.06	57,38	119,343.74	58.81	122,328.96	60.28	125,379.07	61.79	128,515,71
2 1/2%		83	85 322 64	_	87.		89,650.60	44.18	91,889.20	45.28	94,191.76	46.41	96,536,96	47.58	98,967,44	48.76	101,419.24	49.99	103,977.64	51.23	106,557.36	52.52	109,243.68	53.82	111,951,32	55.18	114,765.56	56.55	117,622.44	57.96	120,564.60	59.41	123,570,72	60.90	126,662.12	62.42	129,838,80
2 112%		83	91 396 50		93	-	96,030.94	47.33	98,437.28		100,888.19	49.73	103,428.22	50.96	105,990,53	52.24	108,664.24	53.54	111,360.24	54.89	114,167.64	56.25	116,997,32	57.66	119,938,41	59.10	122,924.06	60.58	125,998.83	62.09	129,140,44	63.64	132,371.18	65.24	135,691,05	66.86	139,077.75

1	A	Я	0	O	ш	_	9	Н		7	1-2	1-3	4
	11.06	11.35	11.66	11.94	12.25	12.55	12.87	13.20	13.55	13.92	14.26	14.60	14.96
-	23,007.69	23,616.59	24,247,24	24,834.39	25,486.78	26,095.68	26,769.82	27,465.70	28,183.33	28,944.46	29,662.09	30,357.97	31,119.10
	11.35	11.66	11.94	12.25	12.55	12.87	13,20	13.55	13.92	14.26	14.60	14.96	15,35
CI	23,616.59	24,247.24	24,834.39	25,486.78	26,095.68	26,769.82	27,465.70	28,183.33	28,944.46	29,662.09	30,357.97	31,119.10	31,923.72
	11.66	11,94	12.25	12,55	12,87	13,20	13,55	13.92	14.26	14.60	14.96	15.35	15.73
2	24,247.24	24,834.39	25,486.78	26,095.68	26,769.82	27,465.70	28,183.33	28,944.46	29,662.09	30,357.97	31,119.10	31,923.72	32,728.33
	11.94	12.25	12.55	12.87	13,20	13.55	13.92	14.26	14.60	14.96	15.35	15.73	16.14
4	24,834.39	25,486.78	26,095.68	26,769.82	27,465.70	28,183.33	28,944.46	29,662.09	30,357.97	31,119.10	31,923.72	32,728.33	33,576,44
	12.25	12.55	12.87	13.20	13,55	13.92	14.26	14.60	14.96	15.35	15.73	16,14	16.55
10	25,486.78	26,095.68	26,769.82	27,465.70	28,183.33	28,944.46	29,662.09	30,357.97	31,119.10	31,923.72	32,728.33	33,576.44	34,424.55
	12.55	12.87	13.20	13.55	13.92	14,26	14.60	14,96	15.35	15.73	16.14	16.55	16.98
9	26,095.68	26,769.82	27,465.70	28,183.33	28,944.46	29,662.09	30,357.97	31,119.10	31,923.72	32,728.33	33,576.44	34,424,55	35,316,15
	12.87	13,20	13.55	13.92	14.26	14.60	14.96	15,35	15.73	16.14	16.55	16.98	17.43
7	26,769.82	27,465.70	28,183.33	28,944.46	29,662.09	30,357.97	31,119.10	31,923.72	32,728.33	33,576,44	34,424.55	35,316,15	36,251,25
	13.20	13.55	13.92	14.26	14.60	14.96	15.35	15,73	16.14	16.55	16.98	17.43	17.86
8	27,465.70	28,183.33	28,944,46	29,662.09	30,357.97	31,119.10	31,923.72	32,728.33	33,576.44	34,424.55	35,316.15	36,251,25	37,142.85
	13.55	13.92	14.26	14.60	14.96	15,35	15.73	16,14	16.55	16.98	17.43	17.86	18.30
G)	28,183.33	28,944.46	29,662.09	30,357.97	31,119,10	31,923.72	32,728.33	33,576.44	34,424.55	35,316.15	36,251.25	37,142.85	38,056,20
	13.92	14.26	14,60	14.96	15.35	15.73	16.14	16.55	16.98	17.43	17.86	18.30	18.77
10	28,944.46	29,662.09	30,357.97	31,119.10	31,923.72	32,728.33	33,576.44	34,424.55	35,316,15	36,251,25	37,142.85	38,056.20	39,034.79
	14.26	14.60	14.96	15.35	15.73	16.14	16,55	16.98	17.43	17.86	18.30	18.77	19.24
11	29,662.09	30,357,97	31,119,10	31,923.72	32,728.33	33,576,44	34,424.55	35,316.15	36,251.25	37,142.85	38,056.20	39,034.79	40,013,38
	14.60	14.96	15,35	15.73	16.14	16.55	16.98	17.43	17.86	18.30	18.77	19.24	19.72
12	30,357.97	31,119.10	31,923.72	32,728.33	33,576.44	34,424.55	35,316.15	36,251,25	37,142.85	38,056.20	39,034.79	40,013.38	41,013,71
	14.96	15,35	15.73	16.14	16.55	16,98	17.43	17.86	18.30	18.77	19.24	19.72	20.21
13	31,119.10	31,923.72	32,728.33	33,576.44	34,424.55	35,316,15	36,251.25	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79
	15,35	15.73	16.14	16.55	16.98	17.43	17.86	18.30	18.77	19.24	19.72	20.21	20.72
14	31,923.72	32,728.33	33,576.44	34,424.55	35,316,15	36,251.25	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36
	15.73	16.14	16.55	16.98	17.43	17.86	18.30	18.77	19.24	19.72	20.21	20.72	21.28
15	32,728.33	33,576,44	34,424.55	35,316.15	36,251,25	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92
	16.14	16.55	16,98	17.43	17.86	18.30	18.77	19.24	19,72	20,21	20.72	21.28	21.81
16	33,576,44	34,424,55	35,316,15	36,251,25	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92	45,362,99
	16,55	16.98	17.43		18.30	18.77	19.24	19.72	20.21	20.72	21.28	21.81	22.35
17	34,424.55	35,316,15	36,251,25	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92	45,362.99	46,493.80
	16.98	17.43	17.86	18.30	18.77	19.24	19.72	20.21	20.72	21.28	21.81	22.35	22.93
18	35,316,15	36,251,25	37,142.85	38,056.20	39,034,79	40,013.38	41,013,71	42,035.79	43,101.36	44,253,92	45,362.99	46,493.80	47,689.86
-	17.43	17.86	18.30	18.77	19.24	19.72	20.21	20.72	21.28	21.81	22.35	22.93	23.51
19	36,251.25	37,142,85	38,056,20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65
	17.86	18.30	18.77	19.24	19.72	20.21	20.72	21.28	21.81	22.35	22.93	23.51	24.09
20	37,142.85	38,056,20	39,034.79	40,013,38	41,013,71	42,035.79	43,101.36	44,253.92	45,362,99	46,493.80	47,689.86	48,907.65	50,103.71
	18,30	18.77	19.24	19.72	20.21	20.72	21.28	21.81	22.35	22.93	23.51	24.09	24.71
21	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74
	18.77	19.24	19.72	20.21	20.72	21.28	21,81	22.35	22.93	23.51	24.09	24.71	25.32
7.7	30 034 /0	Z	41.013.71	42.035.79	43,101,36	44.253.92	45.362.991	46.493.80	47 FR9 XF	48 907 65	40 103 71	K1 38K 74	8/ 03/3

	7	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%
	15.35	15.73	16.14	16.55	16.98	17.43	17.86	18.30	18.77
-	31,923.72	32,728.33	33,576.44	34,424,55	35,316.15	36,251,25	37,142.85	38,056.20	39,034.79
	15.73	16.14	16.55	16.98	17.43	17.86	18.30	18.77	19.24
2	32,728.33	33,576.44	34,424.55	35,316.15	36,251.25	37,142.85	38,056.20	39,034.79	40,013.38
	16.14	16.55	16.98	17.43	17.86	18.30	18.77	19.24	19.72
63	33,576.44	34,424.55	35,316.15	36,251.25	37,142.85	38,056,20	39,034.79	40,013.38	41,013.71
F	16.55	16.98	17.43	17.86	18.30	18.77	19.24	19.72	20.21
4	34,424.55	35,316,15	36,251.25	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79
	16,98	17.43	17.86	18.30	18.77	19.24	19.72	20.21	20.72
2	35,316.15	36,251.25	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36
	17.43	17.86	18.30	18.77	19.24	19.72	20.21	20.72	21.28
9	36,251.25	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92
	17.86	18.30	18.77	19.24	19.72	20.21	20.72	21.28	21.81
7	37,142.85	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92	45,362,99
-	18.30	18.77	19.24	19.72	20.21	20.72	21.28	21.81	22.35
82	38,056.20	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92	45,362.99	46,493.80
	18.77	19.24	19.72	20.21	20.72	21.28	21.81	22,35	22.93
6	39,034.79	40,013.38	41,013.71	42,035.79	43,101.36	44,253.92	45,362.99	46,493.80	47,689,86
-	19.24	19.72	20.21	20.72	21.28	21.81	22.35	22.93	23.51
10	40,013.38	41,013,71	42,035.79	43,101.36	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65
-	19.72	20.21	20.72	21.28	21.81	22.35	22.93	23.51	24.09
17	41,013.71	42,035.79	43,101.36	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71
8	20.21	20.72	21.28	21.81	22.35	22.93	23.51	24.09	24.71
12	42,035.79	43,101,36	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74
-	20.72	21.28	21.81	22.35	22.93	23.51	24.09	24.71	25,32
13	43,101.36	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78
1	21.28	21.81	22.35	22.93	23.51	24.09	24.71	25.32	25.96
14	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31
-	21.81	22.35	22.93	23.51	24.09	24.71	25.32	25.96	26.63
15	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08
-	22.35	22.93	23.51	24.09	24.71	25.32	25.96	26.63	27.30
16	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779.85
-	22.93	23.51	24.09	24.71	25.32	25.96	26.63	27.30	27.96
17	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779.85	58,149.87
-	23.51	24.09	24.71	25.32	25.96	26.63	27.30	27.96	28.67
18	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779.85	58,149.87	59,628.63
	24.09	24.71	25.32	25.96	26.63	27.30	27.96	28.67	29.39
19	50,103.71	51,386.74	52,669.78	53,996,31	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13
	24.71	25.32	25.96	26.63	27.30	27.96	28.67	29.39	30.14
20	51,386.74	52,669.78	53,996.31	55,388,08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87
	25.32	25.96	26.63	27.30	27.96	28.67	29.39	30.14	30.92
21	52,669.78	53,996.31	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10
	25.96	26.63	27.30	27.96	28.67	29.39	30.14	30.92	31.68
22	53,996,31	55,388.08	56,779.85	58,149.87	59,628.63	61,129,13	62,694.87	64,304.10	65,891,59

1	A	В	0	D	E	4	9	I		-7	1-2	1-3	1-4
	19,24	19.72	20.21		21.28	21.81	22.35	22.93	23.51	24.09	24.71	25.32	25.96
23	40,013.38	41,013,71	42,035.79	43,101.36	44,253.92	45,362,99	46,493.80	47,689.86	48,907,65	50,103.71	51,386.74	52,669.78	53,996.31
	19.72	20.21	20.72		21.81	22.35	22.93	23.51	24.09	24.71	25.32	25.96	26.63
47	41,013.71	42,035,79	43,101,35	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08
1	20.21	20.72	21.28	21.81	22.35	22.93	23.51	24.09	24.71	25.32	25.96	26.63	27.30
67	42,035.79	43,101.35	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779.85
	20.72	21.28	21.81		22.93	23.51	24.09	24.71	25.32	25.96	26.63	27.30	27.96
26	43,101.36	44,253.92	45,362,99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996,31	55,388.08	56,779.85	58,149.87
	21.28	21.81	22.35		23.51	24.09	24.71	25.32	25.96	26.63	27.30	27.96	28.67
27	44,253.92	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779,85	58,149.87	59,628,63
	21.81	22.35	22,93	23.51	24.09	24.71	25.32	25.96	26.63	27.30	27.96	28.67	29.39
28	45,362.99	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13
	22.35	22.93	23.51	24.09	24.71	25.32	25.96	26.63	27.30	27.96	28.67	29.39	30.14
29	46,493.80	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87
	22.93	23.51	24.09	24.71	25.32	25.96	26.63	27.30	27.96	28.67	29.39	30.14	30.92
30	47,689.86	48,907.65	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779.85	58,149.87	59,628.63	61,129,13	62,694.87	64,304.10
	23.51	24.09	24.71		25.96	26.63	27.30	27.96	28.67	29.39	30.14	30.92	31.68
31	48,907.65	50,103,71	51,386.74	52,669,78	53,996.31	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891.59
	24.09	24.71	25.32		26.63	27.30	27.96	28.67	29.39	30.14	30.92	31.68	32.49
32	50,103.71	51,386.74	52,669.78	53,996.31	55,388.08	56,779,85	58,149.87	59,628,63	61,129.13	62,694.87	64,304.10	65,891,59	67,587.81
Ė	24.71	25.32	25.96	26.63	27.30	27.96	28.67	29.39	30.14	30.92	31.68	32.49	33.32
33	51,386,74	52,669,78	53,996,31	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78
	25.32	25.96	26.63		27.96	28.67	29.39	30.14	30.92	31.68	32.49	33.32	34.16
34	52,669.78	53,996,31	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78	71,045.49
	25.96	26.63	27.30		28.67	29.39	30.14	30.92	31.68	32.49	33.32	34.16	35.02
35	53,996.31	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78	71,045.49	72,850.44
	26.63	27.30	27.96		29.39	30.14	30.92	31.68	32.49	33.32	34.16	35.02	35.89
36	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78	71,045.49	72,850.44	74,655.39
	27.30	27.96	28.67	29,39	30.14	30.92	31.68	32.49	33.32	34.16	35.02	35.89	36.81
37	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78	71,045.49	72,850.44	74,655.39	76,569.07
	27.96	28.67	29.39		30.92	31.68	32,49	33,32	34.16	35.02	35.89	36.81	37.72
38	58,149.87	59,628.63	61,129,13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78	71,045.49	72,850.44	74,655,39	76,569.07	78,461.01
	28.67	29.39	30.14	30.92	31.68	32.49	33.32	34.16	35.02	35.89	36.81	37.72	38.67
39	59,628.63	61,129,13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78	71,045.49	72,850.44	74,655.39	76,569.07	78,461.01	80,439.93
-	29.39	30.14	30.92	31.68	32.49	33.32	34.16	35.02	35.89	36.81	37.72	38.67	39.65
40	61,129.13	62,694.87	64,304.10	65,891,59	67,587.81	69,305.78	71,045,49	72,850.44	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35
-	30.14	30.92	31.68	32.49	33.32	34,16	35.02	35.89	36.81	37.72	38.67	39.65	40.67
41	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78	71,045.49	72,850.44	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35	84,593,50
	30.92	31.68	32.49	33.32	34.16	35.02	35.89	36.81	37.72	38.67	39.65	40.67	41.67
42	64,304.10	65,891,59	67,587.81	69,305.78	71,045.49	72,850.44	74,655.39	76,569.07	78,461.01	80,439.93	82,462,35	84,593.50	86,681.15
	31.68	32,49	33.32	34.16	35.02	35.89	36.81	37.72	38.67	39.65	40.67	41.67	42.74
43	65,891.59	67,587.81	69,305.78	71,045.49	72,850.44	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35	84,593.50	86,681,15	88,899.28
	32.49	33.32	34.16	35.02	35.89	36.81	37.72	38.67	39.65	40.67	41.67	42.74	43.81
44	E7 E87 R4	69 305 78	71.045.49	72.850.44	74.655.39	76.569.07	78.461.01	80.439.93	82 462 35	84.593.50	86 681 15	88 899 28	01 117 49

-	7	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 112%	2 1/2%
-	26.63	27.30	27.96	28.67	29.39	30.14	30.92	31.68	32.49
23	55,388.08	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891.59	67,587.81
-	27.30	27.96	28.67	29.39	30.14	30.92	31.68	32.49	33.32
24	56,779.85	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78
	27.96	28.67	29.39	30.14	30.92	31.68	32.49	33.32	34.16
25	58,149.87	59,628.63	61,129.13	62,694.87	64,304.10	65,891,59	67,587.81	69,305.78	71,045.49
	28.67	29.39	30.14	30.92	31.68	32.49	33.32	34.16	35.02
26	59,628.63	61,129.13	62,694.87	64,304.10	65,891,59	67,587.81	69,305.78	71,045.49	72,850.44
_	29.39	30.14	30.92	31.68	32.49	33,32	34.16	35.02	35.89
27	61,129.13	62,694.87	64,304.10	65,891.59	67,587.81	69,305.78	71,045.49	72,850.44	74,655.39
-	30.14	30.92	31.68	32.49	33.32	34.16	35.02	35.89	36.81
28	62,694.87	64,304.10	65,891,59	67,587.81	69,305.78	71,045.49	72,850.44	74,655.39	76,569.07
-	30.92	31.68	32.49	33.32	34.16	35.02	35.89	36.81	37.72
29	64,304.10	65,891.59	67,587,81	69,305.78	71,045,49	72,850.44	74,655.39	76,569.07	78,461.01
	31.68	32.49	33.32	34.16	35.02	35.89	36.81	37.72	38.67
30	65,891.59	67,587.81	69,305.78	71,045.49	72,850,44	74,655.39	76,569.07	78,461.01	80,439.93
-	32.49	33.32	34.16	35.02	35.89	36.81	37.72	38.67	39.65
31	67,587.81	69,305.78	71,045.49	72,850.44	74,655,39	76,569.07	78,461,01	80,439,93	82,462.35
-	33.32	34.16	35.02	35.89	36.81	37.72	38.67	39,65	40.67
32	69,305,78	71,045.49	72,850,44	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35	84,593,50
-	34.16	35.02	35.89	36.81	37.72	38.67	39.65	40.67	41.67
33	71,045,49	72,850.44	74,655.39	76,569.07	78,461.01	80,439.93	82,462,35	84,593.50	86,681,15
-	35.02	35.89	36.81	37.72	38.67	39.65	40.67	41.67	42.74
34	72,850,44	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28
-	35.89	36.81	37.72	38.67	39.65	40.67	41.67	42.74	43.81
35	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42
-	36.81	37.72	38.67	39.65	40.67	41.67	42.74	43.81	44.90
36	76,569.07	78,461.01	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79
-	37.72	38.67	39.65	40.67	41.67	42.74	43.81	44.90	46.03
37	78,461.01	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40
-	38.67	39.65	40.67	41.67	42.74	43.81	44.90	46.03	47.18
38	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50
-	39.65	40.67	41.67	42.74	43.81	44.90	46.03	47.18	48.36
39	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85
-	40.67	41.67	42.74	43.81	44.90	46.03	47.18	48.36	49.58
40	84,593.50	86,681,15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121.43
-	41.67	42.74	43.81	44.90	46.03	47.18	48.36	49.58	50.82
41	86,681,15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121.43	105,709.25
-	42.74	43.81	44.90	46.03	47,18	48.36	49.58	50.82	52.10
42	88,899.28	91,117,42	93,400.79	95,749.40	98,141,50	100,598.85	103,121.43	105,709.25	108,362.31
-	43.81	44.90	46.03	47.18	48.36	49.58	50.82	52.10	53.40
43	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121.43	105,709.25	108,362,31	111,080.61
-	44.90	46.03	47.18	48.36	49.58	50.82	52.10	53.40	54.74
44	93 400 79	95.749.40	98,141,50	100,598.85	103,121,43	105,709.25	108,362.31	111,080.61	113,864.15

1	A	B	0	O	Е	4	9	H	-	1-1	1-2	-3	4
	33.32	34.16	35.02	35.89	36.81	37.72	38.67	39,65	40.67	41.67	42.74	43.81	44.90
45	69,305.78	71,045.49	72,850.44	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79
	34.16	35.02	35.89	36.81	37.72	38.67	39.65	40.67	41.67	42.74	43.81	44.90	46.03
46	71,045,49	72,850.44	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40
	35.02	35.89	36.81	37.72	38.67	39.65	40.67	41.67	42.74	43.81	44.90	46.03	47.18
47	72,850.44	74,655.39	76,569.07	78,461,01	80,439,93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50
	35.89	36.81	37.72	38.67	39.65	40.67	41.67	42.74	43.81	44.90	46.03	47.18	48.36
48	74,655.39	76,569.07	78,461.01	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85
	36.81	37.72	38.67	39.62	40.67	41.67	42.74	43.81	44.90	46.03	47.18	48.36	49.58
49	76,569.07	78,461.01	80,439.93	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121.43
	37.72	38.67	39.65	40.67	41.67	42.74	43.81	44.90	46.03	47.18	48.36	49.58	50.82
20	78,461.01	80,439.93	82,462,35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121,43	105,709.25
	38.67	39.65	40.67	41.67	42.74	43.81	44.90	46.03	47.18	48.36	49.58	50.82	52.10
51	80,439.93	82,462.35	84,593.50	86,681.15	88,899,28	91,117.42	93,400.79	95,749.40	98,141,50	100,598.85	103,121.43	105,709.25	108,362.31
	39.65	40.67	41.67	42.74	43.81	44.90	46.03	47.18	48.36	49.58	50.82	52.10	53.40
52	82,462.35	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121.43	105,709.25	108,362.31	111,080.61
	40.67	41.67	42.74	43.81	44.90	46.03	47.18	48.36	49.58	50.82	52.10	53.40	54.74
53	84,593.50	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121.43	105,709.25	108,362.31	111,080.61	113,864.15
	41.67	42.74	43.81	44.90	46.03	47.18	48.36	49.58	50.82	52.10	53.40	54.74	56.11
54	86,681.15	88,899.28	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121.43	105,709.25	108,362,31	111,080.61	113,864,15	116,712.93
	42.74	43.81	44.90	46.03	47.18	48.36	49.58	50.82	52.10	53.40	54.74	56.11	57.55
55	88,899.28	91,117,42	93,400.79	95,749.40	98,141,50	100,598.85	103,121.43	105,709.25	108,362,31	111,080,61	113,864.15	116,712.93	119,713.93
	43.81	44.90	46.03	47.18	48.36	49.58	50.82	52.10	53.40	54.74	56.11	57.55	58.97
99	91,117.42	93,400.79	95,749.40	98,141.50	100,598.85	103,121,43	105,709.25	108,362,31	111,080,61	113,864.15	116,712.93	119,713.93	122,649.70

46	7	2 1/2%	2 1/2%	2 112%	2 112%	2 1/2%		2 1/2%	2 1/2% 2 1/2%
9	46.03	47.18	48.36	49.58	50.82	52.10		53.40	53.40 54.74
9	95,749.40	98,141.50	100,598.85	103,121.43	105,709.25	108,362.31	111,080.61	-	1 113,864.15
9	47.18	48.36	49.58	50.82	52.10	53.40	54.74		56.11
	98,141.50	100,598.85	103,121.43	105,709.25	108,362.31	111,080.61	113,864.15		116,712.93
-	48.36	49.58	50.82	52.10	53.40	54.74	56.11		57.55
47	100,598.85	103,121.43	105,709.25	108,362.31	111,080.61	113,864,15	116,712.93	*	119,713.93
-	49.58	50.82	52.10	53.40	54.74	56.11	57.55		58.97
48	103,121.43	105,709.25	108,362.31	111,080.61	113,864.15	116,712.93	119,713.93	12	122,649.70
	50.82	52.10	53.40	54.74	56.11	57.55	58.97	1	60.44
49	105,709.25	108,362.31	111,080.61	113,864.15	116,712.93	119,713.93	122,649.70	125	125,715.94
-	52.10	53.40	54.74	56.11	52.75	58.97	60.44		61.96
20	108,362.31	111,080,61	113,864.15	116,712.93	119,713.93	122,649.70	125,715.94	128	128,869,17
	53.40	54.74	56.11	57.55	58.97	60.44	61.96		63.50
51	111,080.61	113,864.15	116,712.93	119,713.93	122,649.70	125,715.94	128,869.17	132,	132,087.63
	54.74	56.11	57.55	58.97	60.44	61.96	63.50		62.09
52	113,864.15	116,712.93	119,713.93	122,649.70	125,715.94	128,869.17	132,087.63	135,	135,393.09
	56.11	57.55	58.97	60.44	61.96	63.50	60.59		66.72
53	116,712.93	119,713.93	122,649.70	125,715.94	128,869.17	132,087.63	135,393.09	138,7	138,785.52
-	57.55	58.97	60.44	61.96	63.50	62.09	66.72		68.40
24	119,713.93	122,649.70	125,715.94	128,869.17	132,087.63	135,393.09	138,785.52	142,2	142,264.95
	58.97	60.44	61.96	63.50	62.09	66.72	68.40		70.11
55	122,649.70	195 715 DA	450 000 47	132 087 63	135,393,09	138,785.52	142,264.95	145,8	145,831.36
l		150,110.04	170,009.11	2001.000			The state of the s		
-	60.44	61.96	63.50	62.03	66.72	68.40	70.11		71.87

	A	В	C	D	Е	_	9	I		7	¥	7	M
-	10.03	10.28	10.54	10.80	11.07	11.35	11.63	11.92	12.22	12.53	12.84	13.16	13.49
-	20,863.50	21,385.08	21,919.71	22,467.70	23,029.40	23,605,13	24,195.26	24,800.14	25,420.14	26,055.65	26,707.04	27,374.71	28,059.08
-	10.28	10,54	10.80	11.07	11.35	11.63	11,92	12,22	12.53	12,84	13,16	13.49	13.83
2	21,385.08	21,919.71	22,467.70	23,029.40	23,605.13	24,195.26	24,800.14	25,420.14	26,055.65	26,707.04	27,374.71	28,059.08	28,760.56
-	10.54	10.80	11.07	11.35	11.63	11,92	12.22	12.53	12.84	13.16	13.49	13.83	14.17
3	21,919.71	22,467.70	23,029.40	23,605,13	24,195,26	24,800.14	25,420.14	26,055.65	26,707.04	27,374.71	28,059,08	28,760.56	29,479,57
	10,80	11.07	11.35	11.63	11.92	12.22	12.53	12.84	13.16	13,49	13.83	14.17	14.53
খ	22,467.70	23,029.40	23,605,13	24,195.26	24,800.14	25,420.14	26,055,65	26,707.04	27,374,71	28,059.08	28,760.56	29,479.57	30,216.56
-	11.07	11.35	11.63	11,92	12.22	12,53	12.84	13,16	13.49	13.83	14.17	14.53	14,89
47	23,029,40	23,605,13	24,195.26	24,800.14	25,420.14	26,055,65	26,707,04	27,374,71	28,059,08	28,760,56	29,479.57	30,216.56	30,971,98
-	11.35	11.63	11.92	12.22	12.53	12.84	13.16	13,49	13.83	14.17	14.53	14.89	15.26
9	23,605,13	24,195,26	24,800,14	25,420.14	26,055,65	26,707.04	27,374.71	28,059,08	28,760.56	29,479,57	30,216,56	30,971.98	31,746.28
-	11.63	11.92	12.22	12.53	12.84	13.16	13.49	13.83	14.17	14.53	14.89	15,26	15.64
7	24,195.26	24,800.14	25,420,14	26,055,65	26,707,04	27,374.71	28,059.08	28,760.56	29,479.57	30,216.56	30,971.98	31,746.28	32,539.93
-	11.92	12.22	12.53	12.84	13,16	13.49	13.83	14.17	14.53	14.89	15.26	15,64	16.04
02	24,800.14	25,420,14	26,055,65	26,707.04	27,374.71	28,059.08	28,760.56	29,479.57	30,216.56	30,971.98	31,746.28	32,539.93	33,353,43
-	12.22	12.53	12.84	13.16	13.49	13.83	14.17	14.53	14.89	15.26	15.64	16.04	16.44
6	25,420,14	26,055,65	26,707.04	27,374.71	28,059.08	28,760.56	29,479,57	30,216.56	30,971,98	31,746.28	32,539.93	33,353.43	34,187.27
-	12.53	12.84	13.16	13.49	13.83	14.17	14.53	14.89	15.26	15.64	16.04	16.44	16.85
10	26,055,65	26,707.04	27,374.71	28,059.08	28,760.56	29,479.57	30,216,56	30,971,98	31,746,28	32,539.93	33,353,43	34,187.27	35,041.95
-	12.84	13,16	13.49	13.83	14.17	14.53	14.89	15.26	15.64	16.04	16,44	16.85	17.27
17	26,707,04	27,374,71	28,059.08	28,760.56	29,479.57	30,216.56	30,971,98	31,746.28	32,539.93	33,353,43	34,187.27	35,041.95	35,918.00
-	13.16	13.49	13.83	14.17	14.53	14.89	15.26	15.64	16.04	16,44	16.85	17.27	17.70
12	27,374,71	28,059.08	28,760.56	29,479.57	30,216.56	30,971,98	31,746.28	32,539.93	33,353,43	34,187.27	35,041.95	35,918.00	36,815,95
-	13.49	13.83	14.17	14.53	14.89	15.26	15,64	16,04	16.44	16.85	17.27	17.70	18.14
53	28,059.08	28,760.56	29,479.57	30,216.56	30,971,98	31,746.28	32,539.93	33,353.43	34,187,27	35,041.95	35,918.00	36,815,95	37,736.35
-	13.83	14.17	- 14.53	14,89	15.26	15,64	16.04	16.44	16.85	17.27	17.70	18.14	18.60
14	28,760.56	29,479.57	30,216,56	30,971,98	31,746.28	32,539.93	33,353,43	34,187.27	35,041.95	35,918.00	36,815,95	37,736.35	38,679,76
-	14.17	14,53	14.89	15.26	15.64	16.04	16,44	16.85	17.27	17.70	18.14	18.60	19.06
15	29,479,57	30,216.56	30,971.98	31,746.28	32,539.93	33,353,43	34,187,27	35,041.95	35,918.00	36,815.95	37,736.35	38,679,76	39,646.75
	14.53	14.89	15.26	15,64	16.04	16,44	16.85	17.27	17.70	18.14	18,60	19.06	19.54
16	30,216.56	30,971.98	31,746.28	32,539.93	33,353,43	34,187.27	35,041.95	35,918.00	36,815,95	37,736.35	38,679,76	39,646,75	40,637.92
-	14.89	15.26	15.64	16.04	16.44	16.85	17.27	17.70	18.14	18.60	19.06	19.54	20.03
17	30,971,98	31,746,28	32,539.93	33,353,43	34,187.27	35,041.95	35,918,00	36,815.95	37,736.35	38,679.76	39,646.75	40,637,92	41,653.87
-	15.26	15.64	16.04	16.44	16.85	17.27	17.70	18.14	18.60	19.06	19.54	20.03	20.53
18	31,746.28	32,539,93	33,353.43	34,187.27	35,041.95	35,918.00	36,815,95	37,736.35	38,679,76	39,646.75	40,637.92	41,653.87	42,695.21
-	15.64	16.04	16.44	16.85	17.27	17.70	18.14	18.60	19.06	19,54	20.03	20.53	21.04
19	32,539.93	33,353,43	34,187.27	35,041.95	35,918.00	36,815,95	37,736.35	38,679,76	39,646.75	40,637,92	41,653.87	42,695.21	43,762.59
-	16.04	16,44	16.85	17.27	17.70	18.14	18.60	19.06	19.54	20.03	20.53	21.04	21.57
20	33,353,43	34,187,27	35,041.95	35,918.00	36,815,95	37,736.35	38,679,76	39,646,75	40,637.92	41,653.87	42,695.21	43,762.59	44,856.66
-	16.44	16,85	17.27	17.70	18.14	18.60	19.06	19.54	20.03	20,53	21.04	21.57	22.10
21	34,187,27	35,041,95	35,918.00	36,815.95	37,736,35	38,679.76	39,646.75	40,637.92	41,653.87	42,695.21	43,762.59	44,856.66	45,978.07
	16.85	17.27	17.70	18,14	18,60	19.06	19.54	20.03	20.53	21.04	21.57	22.10	22.66
000			20 240 00	20 200 20	28 670 76	30 0 40 75	40 227 02	11 652 87	40 BOE 94	42 782 FG	AA BEE EE	AF 079 A7	47 407 62

1	z	0	а.	a	R	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 112%	2 1/2%	2 1/2%	2 1/2%
	13.83	14.17	14.53	14.89	15.26	15.64	16.04	16.44	16.85	17.27	17.70	18.14	18.60
+-	28,760.56	29,479.57	30,216,56	30,971,98	31,746.28	32,539,93	33,353.43	34,187.27	35,041,95	35,918.00	36,815.95	37,736,35	38,679.76
	14.17	14.53	14.89	15.26	15.64	16.04	16.44	16.85	17.27	17.70	18.14	18.60	19.06
7	29,479.57	30,216,56	30,971,98	31,746.28	32,539.93	33,353.43	34,187.27	35,041.95	35,918.00	36,815,95	37,736.35	38,679.76	39,646,75
	14.53	14.89	15.26	15.64	16.04	16.44	16.85	17.27	17.70	18,14	18.60	19.06	19.54
3	30,216,56	30,971,98	31,746,28	32,539,93	33,353,43	34,187,27	35,041.95	35,918.00	36,815,95	37,736.35	38,679,76	39,646.75	40,637,92
	14.89	15.26	15,64	16,04	16.44	16,85	17,27	17,70	18.14	18.60	19.06	19.54	20.03
4	30,971.98	31,746.28	32,539.93	33,353,43	34,187.27	35,041.95	35,918.00	36,815.95	37,736.35	38,679.76	39,646.75	40,637.92	41,653.87
	15,26	15.64	16.04	16,44	16.85	17.27	17.70	18.14	18.60	19.08	19.54	20.03	20.53
10	31,746.28	32,539,93	33,353,43	34,187.27	35,041,95	35,918.00	36,815.95	37,736,35	38,679.76	39,646.75	40,637,92	41,653.87	42,695.21
	15.64	16.04	16,44	16.85	17.27	17.70	18.14	18.60	19.06	19.54	20.03	20.53	21.04
9	32,539,93	33,353,43	34,187.27	35,041.95	35,918.00	36,815,95	37,736.35	38,679,76	39,646,75	40,637,92	41,653.87	42,695.21	43,762,59
	16.04	16.44	16.85	17.27	17.70	18.14	18.60	19.06	19.54	20.03	20.53	21,04	21.57
1	33,353,43	34,187.27	35,041.95	35,918.00	36,815,95	37,736.35	38,679.76	39,646.75	40,637.92	41,653.87	42,695.21	43,762,59	44,856,66
	16.44	16.85	17.27	17.70	18.14	18.60	19.06	19.54	20.03	20.53	21.04	21.57	22.10
8	34,187.27	35,041,95	35,918.00	36,815,95	37,736,35	38,679.76	39,646.75	40,637.92	41,653.87	42,695.21	43,762.59	44,856.66	45,978.07
	16.85	17.27	17.70	18.14	18.60	19.06	19.54	20.03	20.53	21.04	21.57	22.10	22.66
6	35,041,95	35,918.00	36,815,95	37,736,35	38,679,76	39,646.75	40,637.92	41,653.87	42,695,21	43,762.59	44,856.66	45,978.07	47,127,53
	17.27	17.70	18.14	18.60	19.06	19.54	20.03	20.53	21.04	21.57	22.10	22.66	23.22
10	35,918.00	36,815.95	37,736,35	38,679.76	39,646.75	40,637.92	41,653.87	42,695,21	43,762.59	44,856,68	45,978.07	47,127.53	48,305,71
	17.70	18.14	18.60	19.06	19.54	20.03	20.53	21.04	21.57	22,10	22.66	23.22	23.80
7	36,815,95	37,736.35	38,679,76	39,646.75	40,637.92	41,653.87	42,695.21	43,762,59	44,856.66	45,978.07	47,127.53	48,305.71	49,513,36
1	18.14	18.60	19.06	19.54	20.03	20.53	21.04	21.57	22.10	22.66	23.22	23.80	24.40
12	37,736.35	38,679,76	39,646,75	40,637.92	41,653.87	42,695.21	43,762.59	44,856.66	45,978.07	47,127.53	48,305.71	49,513.36	50,751,19
	18.60	19.06	19.54	20.03	20.53	21.04	21.57	22.10	22.66	23.22	23.80	24.40	25.01
13	38,679,76	39,646.75	40,637.92	41,653.87	42,695.21	43,762.59	44,856.66	45,978.07	47,127.53	48,305.71	49,513,36	50,751.19	52,019.97
	19.06	19.54	20.03	20.53	21.04	21.57	22.10	22.66	23.22	23.80	24.40	25.01	25.63
14	39,646,75	40,637.92	41,653,87	42,695,21	43,762.59	44,856.66	45,978.07	47,127.53	48,305.71	49,513.36	50,751.19	52,019.97	53,320,47
	19.54	20.03	20.53	21.04	21.57	22.10	22.66	23.22	23.80	24.40	25.01	25.63	26.28
15	40,637.92	41,653.87	42,695.21	43,762.59	44,856,66	45,978.07	47,127.53	48,305.71	49,513.36	50,751.19	52,019.97	53,320.47	54,653.48
	20.03	20.53	21.04	21.57	22.10	22.66	23.22	23.80	24.40	25.01	25.63	26.28	26.93
16	41,653.87	42,695.21	43,762.59	44,856.66	45,978.07	47,127.53	48,305.71	49,513.36	50,751.19	52,019.97	53,320.47	54,653.48	56,019.82
	20.53	21.04	21.57	22.10	22.66	23.22	23.80	24.40	25.01	25.63	26.28	26.93	27.61
17	42,695.21	43,762.59	44,856.66	45,978.07	47,127.53	48,305.71	49,513,36	50,751.19	52,019.97	53,320.47	54,653,48	56,019.82	57,420.31
	21.04	21.57	22.10	22.66	23.22	23.80	24.40	25.01	25.63	26.28	26.93	27.61	28.30
18	43,762.59	44,856.66	45,978.07	47,127.53	48,305.71	49,513.36	50,751.19	52,019.97	53,320.47	54,653,48	56,019.82	57,420.31	58,855.82
	21.57	22.10	22.66	23.22	23.80	24.40	25.01	25,63	26.28	26.93		28.30	29.00
19	44,856.66	45,978.07	47,127.53	48,305.71	49,513.36	50,751.19	52,019.97	53,320.47	54,653.48	56,019.82	57,420.31	58,855.82	60,327.22
	22,10	22.66	23.22	23.80	24.40	25.01	25.63	26.28	26.93	27.61	28.30	29.00	29.73
20	45,978.07	47,127.53	48,305,71	49,513,36	50,751.19	52,019.97	53,320.47	54,653.48	56,019.82	57,420.31	58,855.82	60,327.22	61,835,40
	22.66	23.22	23.80	24.40	25.01	25.63		26.93	27.61	28.30	29.00	29.73	30.47
21	47,127.53	48,305.71	49,513.36	50,751,19	52,019.97	53,320.47	54,653.48	56,019,82	57,420.31	58,855.82	60,327.22	61,835.40	63,381,28
1	23.22	23.80	24.40	25.01	25.63	26.28	26.93		28.30	29.00	29.73	30.47	31.23
22	48.305.71	49,513.36	50,751.19	52,019.97	53,320.47	54,653.48	56,019.82	57,420.31	58,855.82	60,327,22	61,835.40	63,381.28	64,965.82

1	1011	40.00	20.00	40.54	20.00	02.00		100		,	W
38,679,76	0	76	39,646.75	40,637,92	41,653.87	20.53	43.762.59	21.57	22.10	22.66	23.22
19.06	19.0	10 4	19.54	20.03	20.53	21.04	21.57	22.10	22.66	23.22	23.80
19 54	19 54	2   -	90,037,92	41,053,67	77,095,21	43,762.59	44,856.66	45,978.07	47,127.53	48,305.71	49,513.36
40,637.92	40,637.92		41,653.87	42,695.21	43,762,59	44,856,66	45,978.07	47.127.53	48.305.71	49,513,36	50.751.19
20.03	20.03	-	20.53	21.04	21.57	22.10	22.66	23.22	23.80	24.40	25.01
41,653,87	41,653,87	_	42,695.21	43,762.59	44,856,66	45,6	47,127.53	48,305.71	49,513.36	50,751,19	52,019.97
20.53	20.53		21.04	21.57	22,10		23.22	23.80	24.40	25.01	25.63
42,695.21	42,695.21		43,762,59	44,856.66	45,978.07	47,127.53	48,305.71	49,513.36	50,751.19	52,019.97	53,320.47
21.04	21.04		21.57	22.10	22.66	23.22	23.80	24.40	25.01	25.63	26.28
43,762.59	43,762.59		44,856,66	45,978.07	47,127.53	48,305.71	49,513,36	50,751.19	52,019.97	53,320.47	54,653,48
21.57	21.57		22.10	22.66	23.22	23,80	24.40	25.01	25.63	26.28	26.93
			45,978.07	47,127.53	48,305.71	49,513.36	50,751.19	52,019.97	53,320.47	54,653,48	56,019.82
22.10	22.10		22.66	23.22	23.80	24.40	25,01	25.63	26.28	26.93	27.61
	978.07	4	47,127,53	48,305.71	49,513.36	50,751.19	52,019.97	53,320.47	54,653.48	56,019.82	57,420.31
		L	23.22	23.80	24.40	25.01	25.63	26.28	26.93	27.61	28.30
		4	48,305.71	49,513,36	50,751.19	52,019.97	53,320.47	54,653,48	56,019.82	57,420.31	58,855.82
			23.80	24.40	25.01	25,63	26.28	26.93	27.61	28.30	29.00
48,305.71 49,		45	43	50,751.19	52,019.97	53,320.47	54,653,48	56,019.82	57,420.31	58,855.82	60,327.22
			24.40	25.01	25.63	26.28	26.93	27.61	28.30	29.00	29.73
		20	50,751.19	52,019.97	53,320.47	54,653,48	56,019,82	57,420.31	58,855.82	60,327.22	61,835,40
			25.01	25.63	26.28	26,93	27.61	28.30	29.00	29.73	30.47
52	52	52,0	019.97	53,320,47	54,653,48	56,019.82	57,420.31	58,855.82	60,327.22	61,835.40	63,381.28
		-	25.63	26.28	26.93	27.61	28.30	29.00	29.73	30.47	31.23
		53,	53,320.47	54,653,48	56,019.82	57,420.31	58,855.82	60,327.22	61,835.40	63,381,28	64,965.82
-	-		26.28	26.93	27.61	28.30	29.00	29.73	30.47	31.23	32.01
		À	54,653.48	56,019,82	57,420.31	58,855.82	60,327.22	61,835.40	63,381.28	64,965.82	66,589.96
			26.93	27.61	28,30	29,00	29.73	30.47	31.23	32.01	32.81
		2	56,019.82	57,420.31	58,855,82	60,327.22	61,835.40	63,381.28	64,965.82	96,589,96	68,254.71
26.93	26.93			28.30	29,00	29.73	30.47	31.23	32.01	32.81	33,64
56,019.82 57	019.82	57	4	58,855.82	60,327.22	61,835.40	63,381,28	64,965.82	66,589.96	68,254.71	69,961.08
27.61	27.61		28.30	29.00	29.73	30.47	31.23	32.01	32.81	33.64	34,48
420.31		58	58,855,82	60,327,22	61,835.40	63,381.28	64,965,82	66,589,96	68,254.71	69,961.08	71,710.10
			29.00	29.73	30.47	31.23	32.01	32.81	33,64	34.48	35,34
		60,	60,327.22	61,835,40	63,381,28	64,965.82	96,685,99	68,254.71	69,961.08	71,710.10	73,502,86
29.00	29.00		29.73	30.47	31,23	32.01	32.81	33.64	34.48	35.34	36.22
60,327.22 61,		61,	61,835,40	63,381,28	64,965.82	66,589,96	68,254.71	69,961.08	71,710.10	73,502.86	75,340.43
29.73	29.73		30.47	31,23	32.01	32,81	33.64	34.48	35.34	36.22	37.13
835.40		-	63,381,28	64,965.82	66,589,96	68,254.71	69,961.08	71,710.10	73,502.86	75,340,43	77,223.94
30.47	30.47		31.23	32.01	32,81	33.64	34.48	35,34	36.22	37.13	38.06
63,381.28	63,381.28		64,965.82	66,589.96	68,254.71	69,961.08	71,710.10	73,502.86	75,340.43	77,223.94	79,154.54
			32.01	32.81	33.64	34.48	35.34	36.22	37.13	38.06	39.01
64 965 R2	2000000					The state of the state of	The Part of the last				

T		0	2	a	R	2 112%	2 1/2%	2 112%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 112%
		24.40	25.01	25.63	26.28	26.93		28.30		29.73	30.47	31.23	32.01
23	49,5	50,751.19	52,019.97	53,320.47	54,653.48	56,019.82	57,420.31	58,855.82	60,327.22	61,835.40	63,381.28	64,965.82	66,589.96
3		25.01	25.63	26.28	26.93		28.30	29.00	29.73	30.47	31.23	32.01	32.81
57	7,00	52,019.97	53,320.47	54,653.48	56,019.82	57,420.31	58,855.82	60,327.22	61,835.40	63,381,28	64,965,82	66,589,96	68,254.71
-		25,63	26.28	26.93	27.61	28.30	29.00	29.73		31.23	32.01	32.81	33.64
72	27,0	53,320.47	54,653,48	56,019.82	57,420.31	58,855,82	60,327.22	61,835.40	63,381,28	64,965.82	96,589,96	68,254,71	69,961,08
		26.28	26.93	27.61	28.30	29.00	29.73	30.47	31.23	32.01	32.81	33.64	34.48
26	53,320.47	54,653,48	56,019.82	57,420.31	58,855.82	60,327.22	61,835,40	63,381,28	64,965.82	66,589,96	68.254.71	69 961.08	71 710 10
	26.28	26.93	27.61	28.30	29.00	29.73	30.47	31.23		32.81	33.64	34 48	25 34
27	54,653,48	56,019.82	57,420.31	58,855,82	60,327.22	61,835,40	63,381,28	64.965.82	66.5	68 254 71	69 961 08	71 710 10	73 500 86
	26.93	27.61	28.30	29.00	29.73	30.47	31.23	32.01	32.81	33 64	30.00	25.34	26.202.00
28	56,019.82	57,420.31	58,855.82	60.327.22	61,835,40	63,381,28	64.965.82	66.589.96	68 254 71	69 961 08	71 710 10	73 500 86	75 340 43
	27.61	28.30	29,00	29.73	30.47	31.23	32.01	32.81	33.64	34.48	35.34	36.22	37 13
29	57,420.31	58,855,82	60,327.22	61,835,40	63,381.28	64,965.82	66,589,96	68,254,71	69,961,08	71,710,10	73.502.86	75 340 43	77 223 94
	28.30	29.00	29.73	30.47	31.23	32.01	32.81	33.64	34.48	35.34	36.22	37 13	38.06
30	58,855.82	60,327.22	61,835,40	63,381,28	64,965.82	66,589.96	68,254.71	69,961.08	71,710.10	73,502,86	75.340.43	77 223 94	79 154 54
	29.00	29.73	30.47	31.23	32.01	32.81	33.64	34.48	35.34	36.22	37.13	38.06	39.01
34	60,327,22	61,835.40	63,381,28	64,965.82	66,589.96	68,254.71	69,961.08	71,710,10	73,502.86	75,340,43	77,223,94	79.154.54	81 133 40
	29.73	30.47	31.23	32.01	32.81	33.64	34.48	35.34	36.22	37.13	38.06	39.01	39.98
32	61,835.40	63,381.28	64,965.82	96'689'99	68,254.71	69,961.08	71,710.10	73,502.86	75,340,43	77,223.94	79,154.54	81,133,40	83,161,74
	30.47	31.23	32.01	32.81	33.64	34.48	35.34	36.22	37.13	38.06	39.01	39.98	40.98
33	63,381.28	64,965.82	96,589,96	68,254.71	69,961,08	71,710.10	73,502.86	75,340,43	77,223.94	79,154.54	81,133,40	83,161,74	85,240.78
-	31,23	32.01	32.81	33.64	34.48	35.34	36.22	37.13	38.06	39.01	39.98	40.98	42.01
34	64,965.82	66,589,96	68,254.71	. 69,961.08	71,710.10	73,502.86	75,340.43	77,223.94	79,154,54	81,133.40	83,161,74	85,240.78	87,371.80
-	32.01	32.81	33,64	34,48	35.34	36.22	37.13	38.06	39,01	39.98	40.98	42.01	43.06
35	96,589,99	68,254,71	69,961.08	71,710.10	73,502.86	75,340.43	77,223.94	79,154.54	81,133.40	83,161.74	85,240.78	87,371.80	89,556,09
- 1	32.81	33.64	34.48	35,34	36,22	37,13	38.06	39.01	39.98	40.98	42.01	43.06	44.13
36	68,254.71	69,961.08	71,710.10	73,502.86	75,340,43	77,223,94	79,154.54	81,133.40	83,161.74	85,240.78	87,371.80	89,556.09	91,795.00
	33.64	34.48	35.34	36.22	37.13	38.06	39.01	39.98	40.98	42.01	43.06	44.13	45.24
37	69,961.08	71,710.10	73,502.86	75,340.43	77,223.94	79,154.54	81,133.40	83,161.74	85,240.78	87,371.80	89,556.09	91,795.00	94,089.87
TR	34.48	35,34	36.22		38,06	39.01	39.98	40,98	42.01	43.06	44.13	45.24	46.37
38	71,710.10	73,502.86	75,340,43	77,223.94	79,154,54	81,133.40	83,161.74	85,240.78	87,371.80	89,556.09	91,795.00	94,089,87	96,442.12
-	35.34	36.22	37,13	38.06	39.01	39.98	40.98	42.01	43.06	44.13	45.24	46.37	47.53
39	73,502.86	75,340.43	77,223.94	79,154,54	81,133.40	83,161.74	85,240.78	87,371.80	89,556.09	91,795.00	94,089.87	96,442,12	98,853.17
-	36.22	37.13	38.06	39.01	39.98	40.98	42.01	43.06	44.13	45.24	46.37	47.53	48.71
40	75,340.43	77,223.94	79,154.54	81,133,40	83,161.74	85,240.78	87,371.80	89,556.09	91,795.00	94,089.87	96,442.12	98,853,17	101,324,50
	37.13	38.06	39.01	39,98	40.98	42.01	43.06	44.13	45.24	46,37	47.53	48.71	49.93
41	77,223.94	79,154.54	81,133.40	83,161,74	85,240,78	87,371,80	89,556.09	91,795.00	94,089.87	96,442.12	98,853.17	101,324.50	103,857,61
-	38.06	39.01	39.98	40.98		43.06	44.13	45.24	46.37	47.53	48.71	49.93	51.18
42	79,154,54	81,133.40	83,161.74	85,240,78	87,371.80	89,556.09	91,795.00	94,089.87	96,442.12	98,853.17	101,324.50	103,857,61	106,454.05
	39.01	39.98	40.98		43.06	44.13	45.24	46.37	47.53	48.71	49.93	51.18	52.46
43	81,133,40	83,161.74	85,240.78	87,371.80	89,556,09	91,795.00	94,089.87	96,442.12	98,853.17	101,324.50	103,857.61	106,454.05	109,115.40
-	39.98	40.98	42.01	43.06	44.13	45.24	46.37	47.53	48.71	49.93	51.18	52.46	53.77
44	83.101.741	85.240.78	87,371.80	89,556,09	91,795,00	94,089,87	96,442.12	98,853.17	101,324,50	103,857,611	106.454.05	109.115.40	111 843 29

	A	9	ی	0	ш	4	9	I	_	7	×		M
_	29.73	30.47	31.23	32.01	32.81	33.64	34 48	35 34	66 98	37 13	30 00	20.04	10000
45	61 835 40	63 281 28	64 965 89	50 083 33	CO 254 74	00 400	74 740 40	20.00	27.00	01.10	20.00	39.01	39.98
2	24.000,10	02,100,00		00,009,90	08,254./1	69,961,08	01,017,17	73,502.86	75,340,43	77,223.94	79,154.54	81,133.40	83,161.74
	30.47	31.23		32.81	33.64	34.48	35,34	36.22	37,13	38.06	39.01	39.98	40.98
46	63,381,28	64,965.82	96'689'99	68,254.71	69,961.08	71,710.10	73,502.86	75,340.43	77,223.94	79,154,54	81,133,40	83 161 74	85 240 78
	31.23	32.01	32.81	33.64	34.48	35.34	36.22	37.13	38.06	39.01	39 98	40 9R	42.01
47	64,965.82	96,589,96	68,254.71	69,961.08	71,710.10	73,502.86	75,340.43	77,223,94	79,154,54	81,133,40	83.161.74	85 240 78	87 371 80
	32.01	32.81	33.64	34.48	35.34	36.22	37.13	38.06	39.01	39.98	40 98	42.01	43.06
48	66,589.96	68,254.71	69,961.08	71,710.10	73,502.86	75,340.43	77,223.94	79,154.54	81,133,40	83.161.74	85 240.78	87.371.80	89 556 09
	32.81	33.64	34.48	35.34	36.22	37.13	38.06	39.01	39.98	40.98	42 01	43.06	44 13
49	68,254.71	69,961.08	71,710.10	73,502.86	75,340,43	77,223.94	79,154.54	81,133,40	83,161,74	85.240.78	87 371 80	89 556 09	91 795 00
-	33.64	34.48	35.34	36.22	37.13	38.06	39.01	39.98	40.98	42.01	43.06	44 13	45.24
20	69,961.08	71,710.10	73,502.86	75,340.43	77,223,94	79,154.54	81,133,40	83,161,74	85,240,78	87.371.80	89 556 09	91 795 00	94 089 87
-	34,48	35.34	36.22	37.13	38.06	39.01	39.98	40.98	42.01	43.06	44 13	45.24	46.37
51	71,710.10	73,502.86	75,340.43	77,223.94	79,154,54	81,133,40	83.161.74	85.240.78	87.371.80	89 556 09	91 795 00	94 080 87	OR 442 42
-	35.34	36.22	37.13	38.06	39.01	39.98	40,98	42.01		44 13	45.24	46 37	47 53
52	73,502.86	75,340.43	77,223.94	79,154.54	.81,133,40	83,161,74	85.240.78	87.371.80	89.556.09	91 795 00	94 089 87	OF 442 12	OR 852 17
	36.22	37.13	38.06	39.01	39.98	40.98	42.01	43.06	44.13	45.24	46.37	47.53	48.71
53	75,340,43	77,223.94	79,154.54	81,133,40	83,161.74	85,240.78	87,371.80	89,556.09	91,795.00	94.089.87	96 442 12	98 853 17	101 324 50
	37.13	38.06	39.01	39.98	40.98	42.01	43.06	44.13	45.24	46.37	47.53	48.71	49 93
54	77,223.94	79,154.54	81,133.40	83,161.74	85,240.78	87,371.80	89,556.09	91,795.00	94,089.87	96,442.12	98,853.17	101,324,50	103.857.61
9	38.06	39.01	39.98	40.98	42.01	43.06	44.13	45.24	46.37	47.53	48.71	49.93	51.18
55	79,154.54	81,133,40	83,161.74	85,240.78	87,371.80	89,556.09	91,795.00	94,089.87	96,442.12	98,853.17	101,324,50	103.857,61	106.454.05
	39.01	39.98	40.98	42.01	43.08	44.13	45.24	46.37	47.53	48.71	49.93	51.18	52.46
26	81,133.40	83,161,74	85,240,78	87,371.80	89,556.09	91,795.00	94,089.87	96,442.12	98,853.17	101,324.50	103,857,61	106,454,05	109.115.40

	40.98 85,240.78 42.01 87,371.80 43.06 89,556.09 44,13	87,78 89,68	43.06 89,556.09 44.13	44.13 91,795.00	45.24	46.37	47.53	,	49.93	51.18	52.46	62 77	2 4 1 4
	85,240.78 42.01 87,371.80 43.06 89,556.09 44,13	89,	89,5	1.	70 000 40	96,442.12	98,853.17	02 400 404		100		1 / 000	55 12
	42.01 87,371.80 43.06 89,556.09 91,795.00				94,089,87	-	100	101,324.50	103,857,61	106,454,05	109,115,40	111 843 29	114 639 37
	43.06 89,556.09 44,13 91,795.00		04	45.24	46.37	47.53	48.71	49.93	51.18	52.46	53.77	55.12	56.49
	89,556.09 44,13 91,795.00		1	21	96,442.12	98,853.17	101,324.50	103,8	106,4	109,115.40	111,843.29	114,639.37	117,505.36
	91,795.00		94,089.87	96,442,12	98,853.17	101,324,50	103,857,61	106.454.05	109.115.40	111 843 29	55.12	56.49	57.91
	91,795.00			47.53	48.71	49.93	51.18	52.46		55.12	56.49	57.91	59.35
		94,	96	98,853.17	101,324.50	103,857,61	106,454.05	109,1	111,843.29	114,639.37	117,505.36	120,442.99	123,454.06
	94 089 87	96 442 12	98 853 17	101 324 50	103 857 61	51.18	52,46		55.12	56.49	57.91	59.35	60.84
	46.37			101,024,00	97.00,001	100,434,03	109,115,40	111,843,29	114,639.37	117,505.36	120,442.99	123,454.06	126,540.42
176	96,442.12	98.6	101	103,857.61	106,454,05	109.1	111.843.29	114 639 37	117 505 36	120.442.99	123 454 06	60.84 126 EAD 42	62.36
	47.53		49.93	51.18	52,46		55.12	56.49	57.91	59.35	60.84	62 36	63 00
	98,853.17	101,3	103,857.61	106,454.05	109,115.40	111,843.29	114,639,37	117,505.36	120,442.99	123,454.06	126,540,42	129.703.93	132 946 53
. 4	48.71		51.18	52.46	53.77	55.12	56.49	16.73	59.35	60.84	62.36	63.92	65.51
-	101,324.50	103,6	106,4	109,115.40	111,843.29	114,639.37	117,505.36	120,442.99	123,454.06	126,540.42	129,703.93	132,946.53	136,270.19
-	103.857.61	106 454 05	109 115 40	111 843 29	114 630 37	117 505 36	120 442 001	59.35	60.84	62.36	63.92	65.51	67.15
1	51.18	1		55 12			50 35	80.404	120,040,42	129,703.93	132,946,53	136,270.19	139,676.94
400	106,454.05	109,1	111,8	114,639.37	117,505.36	120,442.99	123,454.06	126.540.42	129.703.93	132 946 53	136 270 19	139 676 94	68.83
	52.46		55.12	56.49	16.79	59,35	60.84	62.36	63.92	65.51	67.15	68.83	70.55
7	109,115,40	111,8	114,639.37	117,505.36	120,442.99	123,454.06	126,540.42	129,703.93	132,946,53	136,270,19	139,676,94	143.168.87	146 748 09
	53.77		56.49	16.73	58.35	60.84	62.36	63.92	65.51	67.15	68.83	70.55	72.32
-	111,843.29	114,639,37	117,505,36	120,442,99	123,454.06	126,540.42	129,703.93	132,946.53	136,270,19	139,676,94	143,168.87	146.748.09	150 416 79

0	Y	9		n			0			-	7-1	?	4	,
	10.18	10.45		10.99	11.27	11.54	11.84	12,15	12.47	12.80	13.12	13.43	13.77	14.12
-	21,170.16	21,730.43	22,310.70	22,850.96	23,451.25	24,011.52	24,631.82	25,272.12	25,932.44	26,632.78	27,293.09	27,933.40	28,633,74	29,374,09
185	10.45	10.73	10.99	11.27	11.54	11.84	12.15	12.47	12.80	13.12	13.43	13.77	14.12	14.48
2	21,730,43	22,310,70	22,850.96	23,451,25	24,011.52	24,631.82	25,272,12	25,932.44	26,632.78	27,293.09	27,933,40	28,633,74	29,374,09	30,114,45
	10.73	10,99	11.27	11.54	11.84	12.15	12.47	12.80	13.12	13,43	13.77	14.12	14.48	14.85
	22,310,70	22,850.96	23,451.25	24,011,52	24,631.82	25,272,12	25,932.44	26,632.78	27,293.09	27,933.40	28,633.74	29,374.09	30,114.45	30,894.82
	10.99	11.27	11.54	11.84	12,15	12.47	12.80	13.12	13,43	13.77	14.12	14.48	14.85	15.23
36.9	22,850,96	23,451.25	24	24,631.82	25,272.12	25,932,44	26,632.78	27,293.09	27,933.40	28,633,74	29,374,09	30,114,45	30,894.82	31.675.20
	11.27	11.54	11.84	12.15	12.47	12.80	13.12	13.43	13.77	14.12	14.48	14.85	15 23	15.62
	23,451,25	24,011.52	24,631.82		25,932,44	26,632,78	27,293.09	27,933,40	28,633,74	29.374.09	30,114,45	30.894.82	31.675.20	32,495,59
	11.54	11.84	12.15	12.47	12.80	13.12	13.43	13.77	14.12	14,48	14.85	15.23	15.62	16.04
38	24,011.52	24,631.82	25.	25,932,44	26,632,78	27,293.09	27,933.40	28,633,74	29,374,09	30,114,45	30,894.82	31,675,20	32,495,59	33,356.00
1	11.84	12.15	12.47	12.80	13.12	13,43	13.77	14.12	14.48	14.85	15.23	15.62	16.04	16.43
	24,631.82	25,272,12	25,932,44	26,632.78	27,293,09	27,933.40	28,633,74	29,374.09	30,114,45	30,894.82	31,675,20	32,495.59	33,356.00	34,176,40
110	12.15	12.47	12.80	13.12	13,43	13.77	14.12	14.48	14.85	15.23	15.62	16.04	16.43	16.84
	25,272.12	25,932,44	26,632.78	27,293.09	27,933.40	28,633,74	29,374,09	30,114.45	30,894.82	31,675.20	32,495.59	33,356,00	34,176.40	35,016,80
	12.47	12.80	13.12	13.43	13.77	14.12	14.48	14.85	15,23	15.62	16.04	16.43	16.84	17.27
	25,932.44	26,632,78	27,293.09	27,933.40	28,633,74	29,374.09	30,114,45	30,894.82	31,675,20	32,495,59	33,356.00	34,176,40	35,016.80	35,917,23
13	12.80	13.12	13.43	13.77	14.12	14.48	14,85	15.23	15.62	16.04	16.43	16.84	17.27	17.70
	26,632,78	27,293.09	27,933,40	28,633,74	29,374,09	30,114,45	30,894.82	31,675.20	32,495,59	33,356,00	34,176,40	35,016.80	35,917,23	36,817,66
1	13.12	13.43		14.12	14.48	14.85	15,23	15.62	16.04	16.43	16.84	17.27	17.70	18.14
	27,293.09	27,933.40	28,633,74	29,374,09	30,114,45	30,894,82	31,675,20	32,495,59	33,356.00	34,176,40	35,016,80	35,917.23	36,817.66	37,738,11
/G	13,43	13.77	14,12	14.48	14,85	15.23	15,62	16.04	16,43	16.84	17.27	17.70	18.14	18.60
	27,933.40	28,633.74	29.	30,114.45	30,894.82	31,675.20	32,495,59	33,356.00	34,176.40	35,016.80	35,917.23	36,817,66	37,738.11	38,678,56
	13.77	14.12	14.48	14.85	15.23	15.62	16.04	16.43	16.84	17.27	17.70	18.14	18.60	19.07
	28,633,74	29,374.09	30,114,45	30,894.82	31,675.20	32,495,59	33,356.00	34,176.40	35,016.80	35,917.23	36,817.66	37,738.11	38,678.56	39,659.03
180	14.12	14.48	14.85	15.23	15,62	16.04	16.43	16,84	17.27	17.70	18.14	18.60	19.07	19,58
500	29,374.09	30,114.45	30,894.82	31,675,20	32,495,59	33,356.00	34,176.40	35,016.80	35,917.23	36,817.66	37,738.11	38,678.56	39,659,03	40,719.54
	14,48	14.85	15.23	15.62	16.04	16.43	16.84	17.27	17.70	18.14	18.60	19.07	19.58	20.07
	30,114.45	30,894.82	31,675.20	32,495,59	33,356,00	34,176.40	35,016.80	35,917.23	36,817.66	37,738,11	38,678.56	39,659,03	40,719.54	41,740.03
100	14,85	15.23	15.62	16.04	16,43	16.84	17,27	17.70	18.14	18,60	19.07	19.58	20.07	20,57
(8)	30,894.82	31,675.20	32,495,59	33,356.00	34,176.40	35,016,80	35,917.23	36,817,66	37,738.11	38,678,56	39,659,03	40,719.54	41,740.03	42,780.52
	15,23	15.62		16.43	16.84	17.27	17.70	18.14	18.60	19.07	19.58	20.07	20.57	21.10
	31,675.20	32,495.59	33,356.00	34,176.40	35,016.80	35,917.23	36,817,66	37,738.11	38,678.56	39,659.03	40,719.54	41,740.03	42,780.52	43,881,05
128	15.62	16.04	16,43	16.84	17.27	17.70	18.14	18.60	19.07	19.58	20.07	20.57	21.10	21.64
	32,495,59	33,356,00	34,176,40	35,016,80	35,917.23	36,817,66	37,738,11	38,678.56	39,659,03	40,719.54	41,740.03	42,780.52	43,881.05	45,001.59
	16.04	16.43	16.84	17.27	17.70	18.14	18.60	19.07	19.58	20.07	20.57	21.10	21.64	22.16
	33,356.00	34,176.40	35,016.80	35,917.23	36,817.66	37,738.11	38,678.56	39,659,03	40,719.54	41,740.03	42,780.52	43,881.05	45,001.59	46,102.12
155	16.43	16,84	17.27	17.70	18.14	18,60	19.07	19.58	20.07	20.57	21.10	21.64	22.16	22.73
ed.	34,176.40	35,016,80	35,917.23	36,817,66	37,738.11	38,678,56	39,659.03	40,719.54	41,740.03	42,780.52	43,881.05	45,001.59	46,102,12	47,282.68
	16.84	17.27	17.70	18.14	18.60	19.07	19.58	20.07	20.57	21.10	21.64	22.16	22.73	23.30
	35,016.80	35,917,23	36,	37,738,11	38,678.56	39,659,03	40,719.54	41,740.03	42,780.52	43,881.05	45,001.59	46,102.12	47,282,68	48,463,25
1	17.27	17.70	18.14	18.60	19.07	19.58	20.07	20.57	21.10	21.64	22.16	22.73	23.30	23,89
22	56 017 03	38 817 RE	27.72R 11	28 678 KR	30 650 02	A0 710 54	44 740 03	12 780 ED	A2 881 05	45 001 50	JR 102 12	83 CRC TA	48 463 DE	AD 683 8A

15.62 16.04 ,495.59 33,356.00
34 33
35,0
36,817.66 37,738.11
18.14 18.60 37.738.11 38.678.56
19.58 40,719.54
41,7
20.07 20.57
43,8
21.10 21.64
8
46,1
47,2
48,4
23.30 23.89
50,9
24.50 25.12
7,70
52.245.07 53.505.67
25.72 26.38
53 505 67 54 866 32



	A	n	3	n	E	The Part of the Pa	5	H			1-2	1-3	4	
-	17.70	18.14	18.60	19.07	19.58	20.07	20.67	21.10	21.64	22.16	22.73	23.30	23 89	24 50
23	36,817.66	37,738.11	38,678.56	39,659,03	40,719.54	41,740.03	42,780.52	43,881.05	45,001.59	46,102,12	47,282.68	48,463,25	49.683.84	50.964.45
100	18.14	18.60	19,07	19.58	20.07	20.57	21.10	21.64	22,18	22,73	23.30	23,89	24.50	25.12
24	37,738,11	38,678.56	39,659,03	40,719.54	41,740.03	42,780,52	43,881.05	45,001.59	46,102.12	47,282,68	48,463.25	49,683,84	50.964.45	52 245.07
	18.60	19.07	19,58		20.57	21.10	21.64	22.16	22.73	23,30	23,89	24.50	25.12	25.72
25	38,678.56	39,659,03	40,719.54	41,740.03	42,780.52	43,881.05	45,001.59	46,102.12	47,282.68	48,463,25	49,683.84	50,964,45	52,245.07	53,505,67
100	19.07	19.58	20.07	20.57	21.10	21,64	22.16	22.73	23.30	23.89	24,50	25.12	25.72	26.38
26	39,659,03	40,719.54	41,740.03	42,780.52	43,881.05	45,001,59	46,102.12	47,282.68	48,463.25	49,683,84	50,964,45	52,245.07	53,505,67	54,866,32
	19,58	20.07	20.57	21.10	21.64	22.16	22.73	23,30	23,89	24.50	25,12	25.72	26.38	27.04
27	40,719.54	41,740.03	42,780.52	43,881.05	45,001.59	46,102,12	47,282,68	48,463.25	49,683.84	50,964,45	52,245.07	53,505.67	54,866.32	56,246.99
	20.07	20.57	21,10	21,64	22.16	22.73	23.30	23.89	24.50	25.12	25.72	26.38	27.04	27.73
28	41,740.03	42,780.52	43,881,05	45,001.59	46,102.12	47,282.68	48,463,25	49,683.84	50,964.45	52,245.07	53,505,67	54,866,32	56.246.99	57.687.68
	20.57	21.10	21,64		22.73	23,30	23,89	24.50	25.12	25.72	26,38	27.04	27.73	28.45
29	42,780,52	43,881.05	45,001.59	46,102.12	47,282.68	48,463.25	49,683,84	50,964.45	52,245.07	53,505.67	54,866.32	56,246.99	57,687.68	59,168,39
10	21,10	21.64	22,16	22.73	23.30	23.89	24.50	25.12	25.72	26.38	27.04	27.73	28.45	29.15
30	43,881,05	45,001.59	46,102,12	47,282.68	48,463,25	49,683.84	50,964,45	52,245.07	53,505,67	54,866,32	56,246,99	57,687,68	59,168,39	60,629,09
7	21.64	22.16	22.73	23,30	23.89	24.50	25.12	25.72	26.38	27.04	27.73	28.45	29.15	29.90
31	45,001.59	46,102.12	47,282.68	48,463,25	49,683,84	50,964.45	52,245.07	53,505.67	54,866.32	56,246.99	57,687,68	59,168.39	60,629,09	62,189.84
20	22.16	22.73	23,30	23.89	24.50	25,12	25.72	26.38	27.04	27.73	28.45	29.15	29.90	30.66
32	46,102,12	47,282.68	48,463,25	49,683.84	50,964.45	52,245.07	53,505,67	54,866,32	56,246.99	57,687.68	59,168.39	60,629,09	62,189.84	63,770.60
	22.73	23.30	23.89	24.50	25,12	25.72	26.38	27.04	27.73	28.45	29.15	29.90	30.66	31.43
33	47,282,68	48,463,25	49,683.84	50,964.45	52,245.07	53,505.67	54,866,32	56,246.99	57,687.68	59,168.39	60,629.09	62,189.84	63,770.60	65,371,36
6	23,30	23.89	24.50	25.12	25.72	26,38	27.04	27.73	28.45	29,15	29.90	30,66	31.43	32.23
34	48,463,25	49,683.84	50,964,45	52,245.07	53,505,67	54,866.32	56,246.99	57,687,68	59,168.39	60,629.09	62,189.84	63,770.60	65,371.36	67,032.16
	23,89	24.50	25.12	25.72	26.38	27.04	27.73	28.45	29.15	29.90	30.66	31,43	32.23	33.03
35	49,683,84	50,964,45	52,245.07	53,5	54,866,32	56,246,99	57,687,68	59,168.39	60,629,09	62,189.84	63,770.60	65,371,36	67,032.16	68,692.96
100	24.50	25.12	25.72	題	27.04	27.73	28.45	29.15	29.90	30.66	31.43	32.23	33.03	33.87
36	50,964,45	52,245.07	53,505.67	54,866.32	56,246.99	57,687,68	59,168.39	60,629.09	62,189.84	63,770.60	65,371,36	67,032,16	68,692,96	70,453.80
	25.12	25.72	26.38	27.04	27.73	28,45	29,15	29.90	30,66	31.43	32.23	33.03	33.87	34.71
37	52,245.07	53,505,67	54,866.32	56,246.99	57,687.68	59,168.39	60,629,09	62,189.84	63,770.60	65,371.36	67,032.16	68,692.96	70,453.80	72,194.64
17.0	25.72	26.38	27.04	27.73	28.45	29,15	29.90	30.66	31.43	32.23	33.03	33.87	34.71	35.58
38	53,505.67	54,866.32	56,246.99	57,687.68	59,168.39	60,629,09	62,189.84	63,770.60	65,371.36	67,032.16	68,692.96	70,453.80	72,194.64	74,015.51
- 13	26.38	27.04	27.73	28.45	29,15	29.90	30,66	31.43	32.23	33.03	33.87	34.71	35.58	36.48
39	54,866.32	56,246,99	57,687.68	59,168.39	60,629,09	62,189.84	63,770.60	65,371.36	67,032.16	68,692,96	70,453.80	72,194.64	74,015.51	75,876.40
10 M	27.04	27.73	28.45	29.15	29.90	30.66	31.43	32.23	33.03	33.87	34.71	35,58	36.48	37.42
40	56,246,99	57,687.68	59,168,39	60,629,09	62,189.84	63,770.60	65,371.36	67,032.16	68,692.96	70,453.80	72,194.64	74,015,51	75,876.40	77,837.34
-	27.73	28.45	29.15	29.90	30.66	31,43	32.23	33.03	33.87	34.71	35,58	36,48	37.42	38.35
4	57,687,68	59,168,39	60,629.09	62,189.84	63,770.60	65,371.36	67,032.16	68,692.96	70,453.80	72,194.64	74,015.51	75,876.40	77,837.34	79,758.27
1	28.45	29.15	29.90	30.66	31.43	32.23	33.03	33.87	34.71	35.58	36.48	37.42	38.35	39.33
42	59,168,39	60,629,09	62,189.84	63,770.60	65,371.36	67,032.16	68,692.96	70,453.80	72,194.64	74,015.51	75,876.40	77,837.34	79,758.27	81,799.24
-	29,15	29,90	30,66	31.43	32.23	33.03	33.87	34.71	35.58	36.48	37.42	38.35	39.33	40.31
43	60,629,09	62,189.84	63,770.60	65,371.36	67,032.16	68,692.96	70,453.80	72,194.64	74,015.51	75,876.40	77,837,34	79,758.27	81,799.24	83,840.22
STE STE	29.90	30.66	31,43	32.23	33.03	33.87	34.71	35.58	36.48	37.42	38.35	39.33	40.31	41.32
44	62,189.84	63,770.60	65,371,36	67,032,16	68,692,96	70,453.80	72,194.64	74,015.51	75,876.40	77,837,34	79,758.27	81,799,24	83,840.22	85,941,23
-	30.66	31,43	32,23	33.03	33.87	34.71	35,58	36.48	37.42	38,35	39.33	40.31	41.32	42.36
451	C2 770 C0	65 374 36	67 032 16	68.692.96	70,453.80	72,194,64	74,015,51	75.876.40	77,837,34	79,758,27	81,799,24	83.840.22	85.941.23	88 102 27

200	21/2%	2 112%	21/2%	2 1/2%	27.73	28.45	45	45 29.15
23	52,245.07	53,505,67	54,866,32	56,246.99	57,687,68	59,168.39		60,629,09
100h	25.72	26.38	27,04	27.73	28.45	29.15	1	29.90
24	53,505.67	54,866.32	56,246.99	57,687.68	59,168.39	60,629,09	62	62,189.84
-	26.38	27.04	27.73	28.45	29.15	29.90		30.66
25	54,866.32	56,246,99	57,687.68	59,168.39	60,629.09	62,189.84	63,7	63,770.60
20	27.04	27.73	28.45	29.15	29.90	30.66	6.5.2	31,43
0	MI.	00,000,00	20,000	00,020,00	-1	00,170,00	0,00	00.00
27	27.73	28,45	60,629,09	29.30	30.06	51.43	67.0	52.23
+	410	20,100.33	00,029,09	02,100.04	20,00	00.00	2	2000
96	50 168 30	60.620.00	29.90 62 189 84	30.66	31.43	52.23 67 032 16	53,U3	33,03
-	20,00,00	20.020,000	30.66	31.43	32.23	33 03	8	33.87
58	60.629.09	62.189.84	63.770.60	65.371.36	67.032.16	68,692,96	70,453.80	3.80
-	29.90	30.66	31.43	32.23	33.03	33.87	3	34.71
30	62,189.84	63,770.60	65,371.36	67,032.16	68,692.96	70,453.80	72,194.64	4.64
-	30.66	31.43	32.23	33.03	33.87	34.71	35	35.58
31	63,770,60	65,371,36	67,032.16	68,692.96	70,453,80	72,194.64	74,015.51	.51
150	31,43	32.23	33.03	33.87	34.71	35,58	36	36.48
32	65,371,36	67,032,16	68,692.96	70,453.80	72,194.64	74,015.51	75,876.40	40
-	32.23	33.03	33.87	34.71	35,58	36.48	37	37.42
33	67,032.16	68,692,96	70,453.80	72,194.64	74,015.51	75,876.40	77,837,34	34
A PAGE	33.03	33.87	34.71	35,58	36.48	37.42	38	38.35
34	68,692.96	70,453.80	72,194.64	74,015.51	75,876.40	77,837.34	79,758.27	.27
_	33.87	34.71	35.58	36.48	37.42	38.35	39,33	33
35	70,453.80	72,194.64	74,015.51	75,876,40	77,837.34	79,758.27	81,799.24	24
	34.71	35.58	30.48		20.00	09.00	040 040	2 6
36	72,194.64	74,015,51	75,876,40	(7,837,34	79,758.27	81,799.24	83,840.22	77 8
_	35.58	36,48	37.42	38.35	39.33	40.31	41.32	32
37	74,015.51	75,876.40	77,837.34	79,758.27	81,799.24	83,840.22	85,941.23	53
5.3	36.48	37.42	38.35	39.33	40.31	41.32	42.35	200
38	75,876.40	77,837.34	79,758.27	81,799.24	83,840.22	85,941,23	88,102.27	27
-	37.42	38.35	39.33	40.31	41.32	42.36	43.42	45
39	77,837.34	79,758.27	81,799.24	83,840.22	85,941,23	88,102.27	90,303.32	32
0.3	38.35	39,33	40,31	41,32	42,36	43.42	44.50	90
40	79,758.27	81,799.24	83,840,22	85,941,23	88,102.27	90,303.32	92,564.41	41
-	39.33	40,31	41.32	42.36	43.42	44.50	45	45.62
41	81,799.24	83,840,22	85,941,23	88,102.27	90,303.32	92,564.41	94,885.52	.52
6	40.31	41.32	42.36	43.42	44.50	45.62	46	46.76
42	83,840.22	85,941,23	88,102.27	90,303.32	92,564,41	94,885,52	97,266.67	19
-	41.32	42.36	43.42	44.50	45.62	46,76	47	47,94
43	85,941.23	88,102.27	90,303.32	92,564.41	94,885.52	97,266.67	99,707.84	.84
100	42.36	43.42	44.50	45.62	46.76	47.94	49	49.14
4	88,102.27	90,303.32	92,564.41	94,885.52	97,266.67	99,707,84	102,209.04	0.4
	43.42	44.50	45.62	46.76	47.94	49.14	50.37	37
AR	90 303 32	92.564.41	94.885.52	97,266,67	99,707.84	102,209.04	104,770,27	7

83,840.22 85,941.23 86,941.23 41.35 42.36 88,102.27 43.42 90,303.32 43.42 90,303.32 44.50 92,564.41 44.50 92,664.41 45.62 94,885.52 97,266.67 94,885.52 97,266.67 97,266	Section.	A	В	O	D	E	F	9	Harris Harris		1-1	1-2	1-3	4	
65,371.36         67,032.16         68,692.96         70,453.80         72,194.64         74,015.51         75,876.40         77,837.34         79,788.27         81,796.24         83,840.22         85,941.23         84,922.73         85,941.23         84,922.73         85,941.23         84,022         85,941.23         84,022         85,941.23         84,022         85,941.23         84,022         85,941.23         84,022         85,941.23         84,022         85,941.23         84,022         85,941.23         88,102.27         42,34         43,42	2000	31.43	32.23	33,03	33.87	34.71	35,58	36.48	37.42	38.35	39.33	40.31	4132	42.36	CD 84
32.23         33.03         33.87         34.71         35.58         36.48         37.42         38.35         40.31         41.32         46.31         41.32         42.36         42.36         42.36         42.36         42.36         42.36         42.36         42.36         42.36         42.34         42.36 <th< td=""><td>46</td><td></td><td>67,032.16</td><td>35</td><td>70.</td><td>72,194.64</td><td>74,015.51</td><td>75,876.40</td><td>77,837.34</td><td>79,758.27</td><td>81,799,24</td><td>83.840.22</td><td>85 941 23</td><td>88 102 27</td><td>90 303 32</td></th<>	46		67,032.16	35	70.	72,194.64	74,015.51	75,876.40	77,837.34	79,758.27	81,799,24	83.840.22	85 941 23	88 102 27	90 303 32
67,032.16         68,682.96         70,453.80         72,194.64         74,015.51         75,876.40         77,837.34         79,758.27         81,799.24         83,840.22         85,941.23         88,102.27 <t< td=""><td></td><td>32.23</td><td>33.03</td><td>33.87</td><td></td><td>35.58</td><td>36.48</td><td>37.42</td><td>38.35</td><td>39.33</td><td>40.31</td><td>41.32</td><td>42.36</td><td>43.42</td><td>44 50</td></t<>		32.23	33.03	33.87		35.58	36.48	37.42	38.35	39.33	40.31	41.32	42.36	43.42	44 50
33.03         33.87         34.71         35.68         36.48         37.42         38.35         39.33         40.31         41.32         42.36         42.36         43.42 <th< td=""><td>47</td><td></td><td></td><td>70,453.80</td><td>72,194.64</td><td>74,015.51</td><td>75,876.40</td><td>77,837.34</td><td>79,758,27</td><td>1</td><td>83,840.22</td><td>85,941,23</td><td>88,102,27</td><td>90.303.32</td><td>92.564.41</td></th<>	47			70,453.80	72,194.64	74,015.51	75,876.40	77,837.34	79,758,27	1	83,840.22	85,941,23	88,102,27	90.303.32	92.564.41
68,692.96         70,453.80         72,194.64         74,015.51         75,876.40         77,837.34         79,758.27         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         44.50         45.94         90,303.32         40.31         41.32         42.36         43.42         44.50		33.03	33.87	34.71	35,58	36.48	37.42	38.35	39.33	40.31	41.32	42.36	43.42	44.50	45.62
33.87         34.71         35.68         36.48         37.42         38.35         40.31         41.32         42.36         43.42         44.50           70,453.80         72,194.64         72,194.84         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64         72,194.64	48	S.	25.5	44	74,		77,837.34	79,758.27	81,799.24	83,840.22	85,941,23	88,102,27	90,303.32	92.564.41	94,885,52
70,453.80         72,194.64         74,015.51         75,876.40         77,837.34         79,758.27         81,799.24         83,40.22         85,941.23         86,102.27         90,303.32         92,564.41         94,562.44           36.48         36.48         37,42         38.35         39,33         40,31         41,32         42.36         43,42         44,50         45,62           36.48         37,42         38.35         39,33         40,31         41,32         88,102.27         90,303.32         92,564.41         94,885.52           74,015.51         75,876.40         77,837.34         79,758.27         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,885.52         97,566.67           74,015.51         75,876.40         77,837.34         79,758.27         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,885.52         97,566.67         97,707.84           75,876.40         77,837.34         79,788.27         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,885.52         97,566.67         99,707.84         47,94         45,07           75,758.27		33.87	34.71	35.58	36,48	37.42	38.35	39.33	40.31	41.32	42.36	43.42	44.50	45.62	46.76
34.71         35.56         36.48         37.42         38.35         39.33         40.31         41.32         42.36         43.42         44.50         45.62         46.76         45.62         46.76 <th< td=""><td>49</td><td></td><td>72,194.64</td><td>74,015.51</td><td></td><td>77,837.34</td><td>79,758.27</td><td>81,799.24</td><td>83,840.22</td><td>85,941,23</td><td>88,102.27</td><td>90,303.32</td><td>92,564.41</td><td>94,885,52</td><td>97,266.67</td></th<>	49		72,194.64	74,015.51		77,837.34	79,758.27	81,799.24	83,840.22	85,941,23	88,102.27	90,303.32	92,564.41	94,885,52	97,266.67
72,194.64         74,015.51         75,876.40         77,837,34         79,756.27         81,799.24         83,840.22         85,941.23         89,102.27         90,303.32         92,564.41         94,885.52         46.76         <	ながく	34.71	35,58	36.48	37,42	38.35	39,33	40.31	41.32	42.36	43.42	44.50	45.62	46.76	47.94
35.58         36.48         37.42         38.35         39.33         40.31         41.32         42.36         43.42         44.50         45.62         45.62         46.76         45.62         46.76 <th< td=""><td>50</td><td>Tar</td><td>74,015.51</td><td>75,876.40</td><td>77,837.34</td><td>79,758.27</td><td>81,799.24</td><td>83,840.22</td><td>85,941.23</td><td>88,102.27</td><td>90,303.32</td><td>92,564.41</td><td>94,885.52</td><td>97,266.67</td><td>99,707,84</td></th<>	50	Tar	74,015.51	75,876.40	77,837.34	79,758.27	81,799.24	83,840.22	85,941.23	88,102.27	90,303.32	92,564.41	94,885.52	97,266.67	99,707,84
74,015.51         75,876.40         77,837.34         79,758.27         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,885.52         97,266.67         97,266.67         97,266.67         47,34         47,34         47,34         47,34         47,34         47,54         46,76         46,76         47,94         47,70,27         47,94         46,76         47,94         47,70,27         47,94         46,76         47,94         47,70,27         47,94         46,76         47,70,27         47,94         46,76         47,70,27         47,94         46,76         47,70,27         47,94         46,76         47,70,27         47,94         46,76         47,70,27         47,94         46,76         47,70,27         47,94         46,76         47,70,27         46,76         46,76         46,77         46,77         46,77         46,77         46,77         46,77         46,77         46,77         46,76         46,76		35.58	36.48	37.42	38.35	39.33	40.31	41.32	42.36	43.42	44.50	45.62	46.76	47.94	49.14
36.48         37.42         38.35         39.33         40.31         41.32         42.36         43.42         44.50         45.62         46.76         47.94           75876.40         77.837.34         79.788.27         81.799.24         81.840.22         81.709.24         8	51			77,837.34			83,840,22	85,941,23	88,102.27	90,303.32	92,564.41	94,885.52	97,266.67	99,707.84	102,209.04
75,876.40         77,837.34         79,758.27         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         92,664.41         94,885.52         97,266.67         99,707.84         49,14           77,837.34         38.35         38.35         39.33         40.31         41.32         42.36         43.42         44.50         45.62         46.76         47.94         47.94         49.14           77,837.34         79,788.7         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,885.52         97,266.67         99,707.84         49.14         49.14           79,788.7         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,885.52         97,266.67         99,707.84         102,209.04           79,58.27         81,799.24         83,840.22         86,941.23         86,102.27         90,303.32         92,564.41         94,885.52         97,266.67         99,707.84         102,209.04         102,209.04         102,209.04         102,209.04         102,209.04         102,209.04         102,209.04         102,309.04         102,309.04         102,309.04         102,309.04         102,152.85         102,152.85         10		36.48	37.42	38.35		40.31	41,32	42.36	43.42	44.50	45.62	46.76	47.94	49.14	50.37
37.42         38.35         39.33         40.31         41.32         42.36         43.42         94.50         46.50         46.76         46.76         47.94         47.94         49.14         50.37         49.14         50.37         49.14 <th< td=""><td>52</td><td></td><td></td><td>1</td><td>81,799.24</td><td>83,840.22</td><td>85,941.23</td><td></td><td>90,303.32</td><td>92,564.41</td><td>94,885,52</td><td>97,266.67</td><td>99,707.84</td><td>102,209.04</td><td>104,770,27</td></th<>	52			1	81,799.24	83,840.22	85,941.23		90,303.32	92,564.41	94,885,52	97,266.67	99,707.84	102,209.04	104,770,27
77,837.34         79,758.27         81,799.24         83,840.22         86,941.23         88,102.27         90,303.32         92,566.41         94,885.52         97,266.67         99,707.84         102,209.04           78,33         40,31         41,32         42,36         43,42         44,50         45,62         46,76         97,707.84         102,209.04         104,770.27           79,783,73         40,31         41,32         43,42         44,50         45,62         97,707.84         102,209.04         104,770.27           79,784,793,74         83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,885.52         97,708         47,10         49,14         50,37           40,31         41,30         43,42         44,50         44,50         46,76         47,10         70,731.52         107,391.52           40,31         43,342         44,50         46,76         49,14         49,14         49,14         49,14         49,14         49,14         40,14         40,14         40,17         40,17         40,17         40,17         40,17         40,17         40,14         40,14         40,14         40,14         40,14         40,14         40,14         40,14         40,14	1	37.42	38.35	39.33	40.31	. 41.32	42.36	43.42	44.50	45.62	46.76	47.94	49.14	50.37	51.63
38.35         39.33         40.31         41.32         42.36         43.42         43.60         45.62         46.76         47.94         47.94         49.14         50.37           79.758.27         81.799.24         83.840.22         85.941.23         88.102.27         90.303.32         92.564.41         94.885.52         75.66.67         99.707.84         102.299.04         104,770.27         104,770.27           39.33         40.31         41.32         44.50         44.50         46.76         77.94         49.14         50.37         51.63           40.31         43.32         43.43         45.62         46.76         47.94         49.14         50.37         107.391.52           88,102.27         88,102.27         90.303.32         92,564.41         94.885.52         97,268.67         49.17         70.77         107.391.52         10.7391.52           83,840.22         85,941.23         88,102.27         90.303.32         92,564.41         94.885.52         97,07.84         102,209.04         104,770.27         107.391.52         110,152.85	53		79,758.27	81,799.24		85,941.23	88,102.27	90,303.32	92,564.41	94,885.52	97,266.67	99,707.84	102,209.04	104,770.27	107,391.52
79,758.27         81,799.24         83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,885.52         97,266.67         99,707.84         102,209.04         104,770.27         104,770.27           39,33         40,31         41,32         42,36         43,42         96,564.41         94,885.52         46,76         47,94         49,14         50,37         51,63           40,31         41,32         44,50         45,62         46,76         47,94         49,14         50,37         107,370.27         107,391.52           40,31         41,32         44,50         44,50         46,76         46,76         47,94         49,14         102,209.04         104,770.27         107,391.52           83,840.22         85,941.23         88,102.27         90,303.32         92,564.41         94,855.52         97,07.84         102,209.04         104,770.27         107,391.52         110,152.85	1000	38.35	39.33	40.31	41.32	42.36	43.42	44,50	45.62	46.76	47,94	49.14	50.37	51.63	52.96
39.33 40.31 41.32 42.36 43.42 94.50 45.62 46.76 47.94 49.70 770.78 107.391.52 56.41 94.885.52 97.266.67 99.707.84 102.209.04 104.770.27 107.391.52 83.840.22 85.941.23 88.102.27 90.303.32 92.564.41 94.885.52 97.266.67 99.707.84 102.209.04 104.770.27 107.391.52 85.81.02.27 90.303.32 92.564.41 94.885.52 97.266.67 99.707.84 102.209.04 104.770.27 107.391.52 85.81.02.28	54		81,799.24	83,840.22		88,102.27	90,303.32	92,564,41	94,885,52	97,266.67	99,707.84	102,209.04	104,770.27	107,391,52	110,152.85
81,799,24 83,840.22 85,941.23 88,102.27 90,303.32 92,564.41 94,885.52 97,266.67 99,707.84 102,209.04 104,770.27 107,391.52 85,841.23 88,102.27 90,303.32 92,564.41 94,885.52 97,266.67 99,707.84 102,209.04 104,770.27 107,391,52 110,152.85		39.33	40.31	41.32	42.36	43.42	44.50	45.62	46.76	47.94	49.14	50.37	51.63	52.96	54.26
40.31 41.32 42.36 43.42 44.50 45.62 46.76 47.94 49.14 50.37 51.63 52.96 83.840.22 85.941.23 88,102.27 90,303.32 92,564.41 94.885.52 97,266.67 99,707.84 102,209.04 104,770.27 107,391,52 110,152.85	55			85,941.23			92,564,41	94,885.52		99,707.84	102,209.04	104,770.27	107,391,52	110,152.85	112,854.14
83,840,22 85,941,23 88,102,27 90,303,32 92,564,41 94,885,52 97,266,67 99,707,84 102,209,04 104,770,27 107,391,52 110,152,85		40.31	41.32	42.36	43.42	44.50	45.62	46.76	47.94	49.14	50.37	51.63	52.96	54.26	55.61
The same of the sa	56	78	650	200		92,564.41	94,885.52	97,266,67	99,707,84	102,209.04	104,770.27	107,391,52	110,152.85	112,854.14	115,675.50



1	٧	В	0	Q	E	u.	9	E		2	4	_	W		0
	9.22	9.45	69.6	9.94	10.19	10.44	10.71	10.97	11.24	11.52	11.81	12.12	12.41	12.73	13.04
+	19,187.58	19,663.49	20,161,02	20,680,19	21,199,36	21,718,53	22,280.96	22,821.76	23,384,19	23,968,26	24,573.95	25,201,28	25,806.98	26,477.57	27,126.53
	9.45	69.6	9.94	10.19	10.44	10.71	10.97	11.24	11.52	11.81	12.12	12.41	12.73	13.04	13.36
21	19,663,49	20,161.02	20,680.19	21,199.36	21,718.53	22,280,96	22,821.76	23,384.19	23,968,26	24,573,95	25,201,28	25,806.98	26,477.57	27,126.53	27,797.12
	69.6	9.94	10.19	10.44	10.71	10.97	11,24	11.52	11.81	12.12	12.41	12.73	13.04	13.36	13.70
3	20,161,02	20,680.19	21,199.36	21,718.53	22,280.96	22,821.76	23,384,19	23,968.26	24,573.95	25,201,28	25,806.98	26,477.57	27,126.53	27,797,12	28,489.34
	9.94	10.19	10.44	10.71	10.97	11.24	11.52	11.81	12,12	12.41	12.73	13.04	13.36	13.70	14.05
4	20,680.19	21,199,36	21,718.53	22,280.96	22,821.76	23,384,19	23,968.26	24,573.95	25,201.28	25,806.98	26,477.57	27,126,53	27,797,12	28,489.34	29,224.83
	10.19	10.44	10.71	10.97	11.24	11.52	11.81	12.12	12.41	12.73	13.04	13.36	13.70	14.05	14.39
40	21,199.36	21,718,53	22,280.96	22,821.76	23,384,19	23,968.26	24,573,95	25,201,28	25,806,98	26,477,57	27,126.53	27,797,12	28,489,34	29,224.83	29,938.69
	10.44		10.97	11.24	11.52	11.81	12.12	12.41	12.73	13.04	13.36	13.70	14.05	14.39	14.76
4	21,718.53	22,280.96	22,821.76	23,384,19	23,968.26	24,573.95	25,201.28	25,806,98	26,477,57	27,126.53	27,797,12	28,489.34	29,224.83	29,938.69	30,695.81
	10.71	10.97	11.24	11.52	11.81	12.12	12.41	12.73	13.04	13.36	13.70	14.05	14.39	14.76	15.12
7	22,280,96	22,821.76	23,384.19	23,968.26	24,573.95	25,201.28	25,806,98	26,477.57	27,126.53	27,797.12	28,489.34	29,224.83	29,938,69	30,695.81	31,452.93
	10.97	11.24	11.52	11.81	12.12	12.41	12.73	13.04	13.36	13.70	14.05	14.39	14.76	15.12	15.50
00	22,821.76	23,384,19	23,968.26	24,573,95	25,201,28	25,806,98	26,477.57	27,126.53	27,797.12	28,489.34	29,224.83	29,938.69	30,695.81	31,452.93	32,231.68
	11.24	11.52	11.81	12.12	12.41	12.73	13.04	13.36	13.70	14.05	14.39	14.76	15.12	15.50	15.89
6	23,384,19	23,968.26	24,573.95	25,201,28	25,806,98	26,477.57	27,126.53	27,797.12	28,489.34	29,224,83	29,938.69	30,695.81	31,452.93	32,231.68	33,053.70
	11.52		12.12	12.41	12.73	13.04	13.36	13,70	14.05	14.39	14.76	15.12	15.50	15.89	16.29
10	23,968.26	24,573,95	25,201.28	25,806,98	26,477.57	27,126.53	27,797.12	28,489.34	29,224,83	29,938,69	30,695.81	31,452.93	32,231.68	33,053.70	33,875,71
	11.81			12.73	13.04	13.36	13.70	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.69
11	24,573.95	25,201,28	25,806.98	26,477.57	27,126.53	27,797.12	28,489.34	29,224.83	29,938.69	30,695.81	31,452,93	32,231,68	33,053.70	33,875,71	34,719,36
	12.12	12.41	12.73	13.04	13.36	13.70	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12
12	25,201,28	25,806.98	26,477.57	27,126,53	27,797,12	28,489.34	29,224.83	29,938.69	30,695.81	31,452.93	32,231.68	33,053,70	33,875.71	34,719.36	35,606.27
	12.41		13.04	13.36	13.70	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53
5	25,806,98	26,477.57	27,126.53	27,797.12	28,489,34	29,224.83	29,938.69	30,695,81	31,452.93	32,231.68	33,053.70	33,875.71	34,719.36	35,606.27	36,471.55
	12.73	13.04	13.36	13.70	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16,69	17.12	17.53	17.98
4	26,477,57	27,126.53	27,797,12	28,489.34	29,224.83	29,938,69	30,695.81	31,452.93	32,231.68	33,053.70	33,875,71	34,719.36	35,606.27	36,471.55	37,401.73
	13.04		13.70	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42
15	27,126,53	27,797,12	28,489.34	29,224,83	29,938,69	30,695.81	31,452.93	32,231,68	33,053.70	33,875,71	34,719.36	35,606,27	36,471.55	37,401.73	38,310,27
	13.36	13.70	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.89
16	27,797.12	28,489.34	29,224.83	29,938,69	30,695.81	31,452.93	32,231.68	33,053.70	33,875,71	34,719.36	35,606.27	36,471.55	37,401.73	38,310,27	39,283,71
	13.70		14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.89	19.35
17	28,489,34	29,224.83	29,938,69	30,695,81	31,452,93	32,231.68	33,053,70	33,875.71	34,719.36	35,606.27	36,471,55	37,401,73	38,310.27	39,283,71	40,257.15
	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.84
18	29,224.83	29,938,69	30,695.81	31,452.93	32,231.68	33,053.70	33,875,71	34,719.36	35,606.27	36,471,55	37,401.73	38,310,27	39,283.71	40,257.15	41,273.86
	14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.84	20.33
19	29,938.69	30,695,81	31,452.93	32,231,68	33,053.70	33,875,71	34,719.36	35,606,27	36,471,55	37,401.73	38,310.27	39,283,71	40,257,15	41,273.86	42,290,56
	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.84	20.33	20.84
200		21 452 02	22 524 60	33 053 70	33 875 71	34,719,36	35 606 27	36 471 55	37 401.73	38.310.27	39.283.71	40,257,15	41.273.86	42 290 56	43 350 53

Г											
-	13.36	13.70	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.45	17.12
-	27,797,12	28,489.34	29,224.83	29,938,69	30,695.81	31,452.93	32,231.68	33,053.70	33,875,71	34,218.60	35,606,27
	13.70	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.69	16.87	17.53
N	28,489.34	29,224.83	29,938.69	30,695.81	31,452.93	32,231.68	33,053.70	33,875,71	34,719.36	35,092,72	36,471,55
-	14.05	14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.28	17.98
62	29,224.83	29,938.69	30,695.81	31,452.93	32,231,68	33,053,70	33,875,71	34,719,36	35,606,27	35,945,52	37,401.73
	14.39	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.72	18.42
य	29,938.69	30,695.81	31,452.93	32,231.68	33,053.70	33,875,71	34,719.36	35,606.27	36,471,55	36,862,28	38,310.27
16	14.76	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.15	18.89
10	30,695.81	31,452,93	32,231,68	33,053,70	33,875,71	34,719,36	35,606,27	36,471,55	37,401.73	37,757.72	39,283,71
	15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.61	19.35
9	31,452.93	32,231,68	33,053.70	33,875,71	34,719.36	35,606.27	36,471.55	37,401,73	38,310.27	38,717.12	40,257.15
	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.89	19.08	19.84
7	32,231.68	33,053.70	33,875.71	34,719.36	35,606.27	36,471,55	37,401.73	38,310.27	39,283.71	39,676.52	41,273.86
	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.56	20.33
00	33,053.70	33,875.71	34,719.36	35,606.27	36,471,55	37,401.73	38,310.27	39,283.71	40,257.15	40,678.56	42,290.56
	16.29	16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.84	20.04	20.84
0	33,875.71	34,719.36	35,606.27	36,471.55	37,401.73	38,310.27	39,283,71	40,257.15	41,273.86	41,680.60	43,350.53
-	16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.84	20.33	20.54	21.36
10	34,719.36	35,606.27	36,471,55	37,401.73	38,310,27	39,283,71	40,257,15	41,273.86	42,290,56	42,725.28	44,432,13
-	17.12	17.53	17.98	18.42	18.89	19.35	19.84	20.33	20.84	21.05	21.90
1.1	35,606.27	36,471.55	37,401.73	38,310,27	39,283,71	40,257.15	41,273.86	42,290.56	43,350,53	43,791.28	45,556.99
-	17.53	17.98	18.42	18.89	19.35	19.84	20.33	20.84	21.36	21.59	22.45
12	36,471,55	37,401.73	38,310.27	39,283,71	40,257.15	41,273.86	42,290.56	43,350.53	44,432.13	44,899.92	46,703.49
_	17.98	18.42	18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.13	23.02
13	37,401.73	38,310,27	39,283,71	40,257.15	41,273.86	42,290,56	43,350.53	44,432.13	45,556.99	46,029.88	47,871,62
_	18.42	18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.45	22.68	23.59
4	38,310.27	39,283.71	40,257.15	41,273.86	42,290.56	43,350,53	44,432.13	45,556.99	46,703.49	47,181,16	49,061.38
	18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.25	24.18
15	39,283.71	40,257.15	41,273.86	42,290.56	43,350.53	44,432.13	45,556,99	46,703.49	47,871.62	48,353.76	50,294.40
-	19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59	23.83	24.78
16	40,257.15	41,273.86	42,290.56	43,350.53	44,432.13	45,556.99	46,703,49	47,871.62	49,061.38	49,569.00	51,549.06
_	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59	24.18	24.43	25.40
17	41,273.86	42,290.56	43,350.53	44,432,13	45,556,99	46,703,49	47,871.62	49,061,38	50,294.40	50,805,56	52,825,34
-	20.33	20.84	21.36	21.90	22.45	23.02	23.59	24.18	24.78	25.03	26.03
18	42,290.56	43,350,53	44,432.13	45,556.99	46,703,49	47,871.62	49,061,38	50,294.40	51,549.06	52,063,44	54,144.90
	20.84	21.36	21.90	22.45	23.02	23.59	24.18	24.78	25.40	25.66	26.69
10	43,350.53	44,432.13	45,556.99	46,703.49	47,871.62	49,061.38	50,294.40	51,549.06	52,825.34	53,363,96	55,507.71
-	21.36	21.90	22.45	23.02	23.59	24.18	24.78	25.40	26.03	26.30	27.35
		1000000	100 To 100	20.000				No. of Lot, San		The same of the	



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15.12	15.50	15.89	16.29	16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.84	20.33	20.84	21.36
31,452.93	93 32,231,68	33,053,70	33,875.71	34,719.36	35,606.27	36,471,55	37,401.73	38,310.27	39,283.71	40,257.15	41,273.86	42,290.56	43,350.53	44,432,13
15.50	15.89		16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.84	20.33	20.84	21.36	21.90
32,231.68	33,053,70	33,875,71	34,719.36	35,606.27	36,471.55	37,401.73	38,310.27	39,283.71	40,257.15	41,273.86	42,290.56	43,350.53	44,432.13	45,556.99
15.89		16.69	17.12	17.53	17.98	18.42	18.89	19.35	19.84	20.33	20,84	21.36	21.90	22.45
33,053,70	70 33,875,71	34,719.36	35,606.27	36,471.55	37,401.73	38,310.27	39,283,71	40,257,15	41,273.86	42,290.56	43,350,53	44,432,13	45,556,99	46,703,49
16.29	16.69		17.53	17.98	18.42	18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02
33,875.71	71 34,719.36	35,606.27	36,471,55	37,401.73	38,310.27	39,283,71	40,257,15	41,273.86	42,290.56	43,350.53	44,432.13	45,556.99	46,703.49	47,871.62
16.69		17.53	17.98	18.42	18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59
34,719.36	36 35,606.27	36,471.55	37,401.73	38,310.27	39,283,71	40,257,15	41,273.86	42,290.56	43,350,53	44,432.13	45,556,99	46,703.49	47,871.62	49,061,38
17.12	17.53		18.42	18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59	24.18
35,606.27	27 36,471,55	37,401.73	38,310.27	39,283.71	40,257,15	41,273.86	42,290,56	43,350.53	44,432,13	45,556.99	46,703.49	47,871.62	49,061.38	50,294.40
17.53			18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59	24.18	24.78
36,471,55	55 37,401.73	38,310.27	39,283.71	40,257.15	41,273.86	42,290.56	43,350.53	44,432,13	45,556,99	46,703.49	47,871.62	49,061.38	50,294.40	51,549.06
17.98			19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59	24.18	24.78	25.40
37,401.73	73 38,310.27	39,283.71	40,257.15	41,273.86	42,290.56	43,350.53	44,432.13	45,556.99	46,703.49	47,871.62	49,061.38	50,294.40	51,549.06	52,825.34
18.42	18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59	24.18	24.78	25.40	26.03
38,310.27	27 39,283.71	40,257.15	41,273.86	42,290.56	43,350.53	44,432.13	45,556,99	46,703.49	47,871.62	49,061,38	50,294.40	51,549.06	52,825.34	54,144.90
18.89	19.35	19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59	24.18	24.78	25.40	26.03	26.69
39,283.71	71 40,257,15	41,273.86	42,290,56	43,350,53	44,432.13	45,556.99	46,703,49	47,871,62	49,061.38	50,294.40	51,549.06	52,825,34	54,144.90	55,507.71
19.35	35 19.84	20.33	20.84	21.36	21.90	22.45	23.02	23.59	24.18	24.78	25.40	26.03	26.69	27.35
40,257.15	15 41,273.86	42,290.56	43,350,53	44,432,13	45,556.99	46,703.49	47,871.62	49,061.38	50,294,40	51,549.06	52,825,34	54,144.90	55,507.71	56,892.16
19.84			21.36	21.90	22.45	23.02	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04
41,273.86	86 42,290.56	43,350,53	44,432.13	45,556.99	46,703.49	47,871.62	49,061.38	50,294.40	51,549.06	52,825.34	54,144.90	55,507.71	56,892,16	58,319.87
20.33	33 20.84		21.90	22.45	23.02	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74
42,290,56	56 43,350.53	44,432.13	45,556,99	46,703.49	47,871.62	49,061.38	50,294.40	51,549.06	52,825,34	54,144.90	55,507.71	56,892.16	58,319.87	59,769.22
20.84	34 21.36	21.9	22.45	23.02	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.45
43,350.53	53 44,432.13	45,556.99	46,703.49	47,871.62	49,061.38	50,294.40	51,549.06	52,825,34	54,144,90	55,507.71	56,892.16	58,319.87	59,769.22	61,261,82
21.36	36 21.90		23.02	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.45	30.20
44,432.13	13 45,556.99	46,703,49	47,871.62	49,061.38	50,294.40	51,549.06	52,825.34	54,144.90	55,507,71	56,892,16	58,319.87	59,769.22	61,261.82	62,819,33
21.90	30 22.45	23.02	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.95
A5 556 00	00 202 40	47 871 62	49.061.38	50,294.40	51,549.06	52,825,34	54,144,90	55,507.71	56,892,16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83

	22.45	R 23.02	2 112%	21/2%	2 1/2%.	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 112%
46	46,703,49	47,871,62	49,061.38	50,294,40	51,	52,825.34	54,144.90	55,507.71	56,	58,319.87
1	23.02	23.59	24.18	24.78	25.40	26.03		27.35	27.63	28.74
47	47,871.62	49,061.38	50,294.40	51,549.06	52,825.34	54,144.90	55,507.71	56,892.16	57,478.72	59,769,22
	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.32	29.45
49	49,061,38	50,294.40	51,549.06	52,825.34	54,144.90	55,507.71	56,892.16	58,319.87	58,907,16	61,261.82
	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.03	30.20
20	50,294,40	51,549.06	52,825.34	54,144.90	55,507.71	56,892,16	58,319.87	59,769.22	60,378.24	62,819.33
	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.45	29.77	30.95
51	549.06	52,825.34	54,144.90	55,507.71	56,892.16	58,319.87	59,769.22	61,261.82	61,913.28	64,376.83
	25.40	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.50	31.73
52	52,825.34	54,144.90	55,507.71	56,892.16	58,319.87	59,769.22	61,261.82	62,819.33	63,448.32	65,999.23
	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.95	31.27	32.52
4	54,144.90	55,507.71	56,892.16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,047.32	67,643.26
	26.69	27.35	28.04	28.74	29.45	30.20	30.95	31.73	32.05	33.33
55,	507.71	56,892.16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,999.23	66,667.64	69,330.56
	27.35	28.04	28.74	29.45	30.20	30.95	31.73	32.52	32.85	34.16
99	56,892.16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,999.23	67,643.26	68,330.60	71,061.12
	28.04	28.74	29.45	30.20	30.95	31.73	32.52	33.33	33.67	35.02
28	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,999.23	67,643.26	69,330.56	70,036.20	72,834,94
	28.74	29.45	30.20	30.95	31.73	32.52	33.33	34.16	34.51	35.89
6	59,769.22	61,261.82	62,819,33	64,376.83	65,999,23	67,643.26	69,330.56	71,061.12	71,784.44	74,652.03
	29.45	30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.37	36.78
7	61,261.82	62,819.33	64,376.83	65,999.23	67,643.26	69,330.56	71,061.12	72,834.94	73,575.32	76,512.38
	30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.25	37.71
13	62,819.33	64,376.83	65,989.23	67,643.26	69,330.56	71,061.12	72,834,94	74,652.03	75,408.84	78,437.63
	30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.78	37.17	38.66
64	376.83	65,999,23	67,643.26	69,330.56	71,061.12	72,834.94	74,652.03	76,512.38	77,306.32	80,406.14
	31.73	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.10	39.61
65,	999.23	67,643.26	69,330.56	71,061.12	72,834.94	74,652.03	76,512.38	78,437.63	79,246.44	82,396.29
	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.04	40.60
7	67,643.26	69,330.56	71,061.12	72,834.94	74,652.03	76,512.38	78,437,63	80,406.14	81,207.88	84,451.33

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	22.45	23.02	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.95	31.73
37	46,703.49	47,871,62	49,061.38	50,294,40	51,549.06	52,825,34	54,144.90	55,507.71	56,892,16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,999,23
	23.02	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.95	31.73	32.52
38	47,871.62	49,061.38	50,294.40	51,549.06	52,825.34	54,144,90	55,507.71	56,892.16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,999.23	67,643.26
	23.59	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29,45	30.20	30.95	31.73	32.52	33.33
39	49,061.38	50,294.40	51,549.06	52,825.34	54,144,90	55,507.71	56,892,16	58,319.87	59,769,22	61,261,82	62,819.33	64,376.83	65,999.23	67,643.26	69,330,56
	24.18	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.95	31.73	32.52	33.33	34.16
40	50,294,40	51,549.06	52,825.34	54,144.90	55,507.71	56,892,16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,999.23	67,643.26	69,330.56	71,061.12
	24.78	25.40	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.95	31.73	32.52	33.33	34.16	35.02
41	51,549.06	52,825.34	54,144.90	55,507,71	56,892,16	58,319,87	59,769,22	61,261.82	62,819.33	64,376.83	65,999,23	67,643.26	69,330,56	71,061,12	72,834,94
	25.40	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.89
42	52,825,34	54,144,90	55,507.71	56,892.16	58,319.87	59,769.22	61,261,82	62,819.33	64,376.83	65,999.23	67,643.26	69,330.56	71,061.12	72,834,94	74,652.03
	26.03	26.69	27.35	28.04	28.74	29.45	30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.78
43	54,144,90	55,507.71	56,892,16	58,319.87	59,769,22	61,261.82	62,819.33	64,376.83	65,999,23	67,643.26	69,330,56	71,061.12	72,834.94	74,652.03	76,512.38
	26.69		28.04	28.74	29.45	30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.78	37.71
4	55,507.71	56,892,16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,999,23	67,643.26	69,330,56	71,061.12	72,834.94	74,652.03	76,512,38	78,437.63
	27.35			29.45	30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.66
45	56,892.16	58,319.87	59,769.22	61,261.82	62,819.33	64,376.83	65,999.23	67,643,26	69,330,56	71,061.12	72,834.94	74,652.03	76,512.38	78,437.63	80,406,14
	28.04			30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61
46	58,319.87	59,769.22	61,261.82	62,819,33	64,376.83	65,999,23	67,643.26	69,330,56	71,061.12	72,834.94	74,652.03	76,512,38	78,437,63	80,406,14	82,396,29
	28.74	29.45		30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60
47	59,769,22	61,261.82	62,819.33	64,376,83	65,999,23	67,643.26	69,330.56	71,061.12	72,834,94	74,652.03	76,512.38	78,437.63	80,406.14	82,396.29	84,451,33
	29,45	30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62
48	61,261.82	62,819.33	64,376.83	65,999.23	67,643.26	69,330.56	71,061.12	72,834,94	74,652.03	76,512,38	78,437.63	80,406,14	82,396.29	84,451.33	86,571.26
	30.20	30.95	31.73	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41,62	42.66
49	62,819.33	64,376,83	65,999,23	67,643.26	69,330,56	71,061.12	72,834.94	74,652.03	76,512,38	78,437.63	80,406.14	82,396.29	84,451.33	86,571.26	88,734,46
	30.95	31.73		33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73
20	64,376.83	65,999,23	67,643.26	69,330.56	71,061.12	72,834.94	74,652.03	76,512.38	78,437.63	80,406.14	82,396.29	84,451.33	86,571.26	88,734.46	90,962.56
	31.73	32.52	33,33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.82
1,5	65,999.23	67,643,26	69,330,56	71,061.12	72,834.94	74,652.03	76,512.38	78,437.63	80,406,14	82,396.29	84,451.33	86,571,26	88,734.46	90,962,56	93,233.92
	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.82	45.95
52	67,643,26	69,330,56	71,061.12	72,834,94	74,652.03	76,512.38	78,437.63	80,406,14	82,396,29	84,451.33	86,571,26	88,734.46	90,962.56	93,233.92	95,570,18
	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.82	45.95	47.09
53	69,330,56	71,061.12	72,834.94	74,652.03	76,512.38	78,437.63	80,406.14	82,396,29	84,451,33	86,571.26	88,734,46	90,962,56	93,233.92	95,570.18	97,949.70
	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.82	45.95	47.09	48.28
54	71,061.12	72,834.94	74,652.03	76,512,38	78,437.63	80,406.14	82,396,29	84,451.33	86,571,26	88,734,46	90,962,56	93,233,92	95,570,18	97,949.70	100,415,74
	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.82	45.95	47.09	48.28	49.47
55	72,834.94	74,652.03	76,512.38	78,437.63	80,406.14	82,396.29	84,451,33	86,571,26	88,734,46	90,962.56	93,233,92	95,570,18	97,949.70	100,415.74	102,903.42
	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.82	45.95	47.09	48.28	49.47	50.72
99	74 659 03	76,512,38	78,437,63	80,406,14	82,396,29	84,451.33	86,571.26	88,734,46	90,962,56	93,233.92	95,570.18	97,949.70	100,415.74	102,903.42	105,499,26



T	_	3	1	4 114/0	4 114 /0	4 114.10	0/7/17	4 114/10	7 117/0	77117	4 112/10
	32.52	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.02	41.62
37	67,643,26	69,330.56	71,061.12	72,834.94	74,652.03	76,512.38	78,437,63	80,406.14	82,396.29	83,233.28	86,571.26
	33.33	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.02	42.66
38	69,330.56	71,061.12	72,834.94	74,652.03	76,512.38	78,437.63	80,406.14	82,396,29	84,451.33	85,322.64	88,734.46
-	34.16	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.05	43.73
30	71,061.12	72,834.94	74,652.03	76,512.38	78,437,63	80,406,14	82,396,29	84,451,33	86,571,26	87,454,64	90,962,56
-	35.02	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.10	44.82
40	72,834.94	74,652.03	76,512.38	78,437.63	80,406.14	82,396.29	84,451.33	86,571.26	88,734.46	89,650.60	93,233.92
	35.89	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.18	45.95
4.	74,652.03	76,512.38	78,437.63	80,406.14	82,396.29	84,451.33	86,571.26	88,734.46	90,962,56	91,889.20	95,570.18
	36.78	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.82	45.28	47.09
42	76,512.38	78,437.63	80,406.14	82,396,29	84,451,33	86,571.26	88,734.46	90,962.56	93,233.92	94,191,76	97,949.70
	37.71	38.66	39.61	40.60	41.62	42.66	43.73	44.82	45.95	46.41	48.28
43	78,437.63	80,406.14	82,396.29	84,451.33	86,571.26	88,734.46	90,962.56	93,233,92	95,570.18	96,536,96	100,415.74
	38.66	39.61	40.60	41.62	42.66	43.73	44.82	45.95	47.09	47.58	49.47
4	80,406,14	82,396,29	84,451.33	86,571.26	88,734,46	90,962.56	93,233,92	95,570,18	97,949,70	98,967,44	102,903.42
-	39.61	40.60	41.62	42.66	43.73	44.82	45.95	47.09	48.28	48.76	50.72
45	82,396.29	84,451.33	86,571.26	88,734.46	90,962,56	93,233.92	95,570.18	97,949.70	100,415,74	101,419.24	105,499.26
	40.60	41.62	42.66	43.73	44.82	45.95	47.09	48.28	49.47	49.99	51.98
46	84,451.33	86,571,26	88,734.46	90,962.56	93,233.92	95,570.18	97,949.70	100,415.74	102,903.42	103,977,64	108,116,74
_	41.62	42.66	43.73	44.82	45.95	47.09	48.28	49.47	50.72	51.23	53.29
47	86,571,26	88,734.46	90,962,56	93,233.92	95,570.18	97,949,70	100,415.74	102,903.42	105,499.26	106,557.36	110,842.37
	42.66	43.73	44.82	45.95	47.09	48.28	49.47	50.72	51.98	52.52	54.61
43	88,734.46	90,962,56	93,233.92	95,570,18	97,949.70	100,415.74	102,903,42	105,499.26	108,116.74	109,243.68	113,589.63
	43.73	44.82	45.95	47.09	48.28	49.47	50.72	51.98	53.29	53.82	55.98
49	90,962.56	93,233,92	95,570,18	97,949.70	100,415,74	102,903,42	105,499.26	108,116.74	110,842.37	111,951,32	116,445.06
	44.82	45.95	47.09	48.28	49.47	50.72	51.98	53.29	54.61	55.18	57.38
20	93,233.92	95,570.18	97,949.70	100,415.74	102,903.42	105,499.26	108,116.74	110,842.37	113,589.63	114,765.56	119,343.74
_	45.95	47.09	48.28	49.47	50.72	51.98	53.29	54.61	55.98	56.55	58.81
51	95,570.18	97,949,70	100,415.74	102,903.42	105,499,26	108,116.74	110,842,37	113,589,63	116,445.06	117,622.44	122,328,96
_	47.09	48.28	49.47	50.72	51.98	53.29	54.61	55.98	57.38	57.96	60.28
	97,949.70	100,415,74	102,903.42	105,499.26	108,116.74	110,842.37	113,589,63	116,445.06	119,343.74	120,564.60	125,379.07
	48.28	49.47	50.72	51.98	53.29	54.61	55.98	57.38	58.81	59.41	61.79
53	100,415,74	102,903.42	105,499.26	108,116.74	110,842.37	113,589.63	116,445.06	119,343.74	122,328.96	123,570.72	128,515,71
	49.47	50.72	51.98	53.29	54.61	55.98	57.38	58.81	60.28	60.90	63.34
	102,903.42	105,499.26	108,116.74	110,842.37	113,589.63	116,445.06	119,343.74	122,328.96	125,379.07	126,662,12	131,738.88
	50.72	51.98	53.29	54.61	55.98	57.38	58.81	60.28	61.79	62.42	64.92
55	105,499.26	108,116.74	110,842.37	113,589.63	116,445.06	119,343.74	122,328.96	125,379.07	128,515,71	129,838.80	135,026,94
	51.98	53.29	54.61	55.98	57.38	58.81	60.28	61.79	63.34	63.98	66.54
56	108 116 74	11084237	113.589.63	116,445.06	116,445.06 119,343.74	122,328,96	125.379.07	128,515,71	128,515,71 131,738.88 133,079,44 138,401,54	133.079.44	138 401 54

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1	10.84	11,13	11.43	11.71	12.01	12.30	12.62	12.95	13.28	13.64	13.98	14.31	14.67
~	22,556.56	23,153.52	23,771.80	24,347.44	24,987.04	25,584.00	26,244.92	26,927,16	27,630.72	28,376,92	29,080.48	29,762.72	30,508.92
	11.13	11.43	11.71	12.01	12.30	12.62	12.95	13,28	13.64	13.98	14.31	14.67	15.05
2	23,153.52	23,771.80	24,347.44	24,987.04	25,584.00	26,244.92	26,927.16	27,630.72	28,376.92	29,080.48	29,762,72	30,508.92	31,297.76
	11.43	11.71	12.01	12.30	12.62	12.95	13.28	13.64	13.98	14.31	14.67	15.05	15.43
3	23,771.80	24,347,44	24,987.04	25,584.00	26,244.92	26,927.16	27,630.72	28,376.92	29,080.48	29,762,72	30,508.92	31,297.76	32,086.60
	11.71	12.01	12.30	12.62	12.95	13.28	13.64	13.98	14.31	14.67	15.05	15.43	15.83
4	24,347.44	24,987,04	25,584.00	26,244.92	26,927.16	27,630.72	28,376.92	29,080.48	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08
	12.01	12.30	12.62	12.95	13.28	13.64	13.98	14.31	14.67	15.05	15.43	15.83	16.23
2	24,987.04	25,584,00	26,244.92	26,927,16	27,630.72	28,376.92	29,080.48	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56
	12.30	12.62	12.95	13.28	13.64	13.98	14.31	14.67	15.05	15.43	15.83	16.23	16.65
9	25,584.00	26,244.92	26,927.16	27.630.72	28,376,92	29,080.48	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56	34,623.68
	12.62	12.95	13.28	13.64	13.98	14.31	14.67	15.05	15.43	15.83	16.23	16.65	17.09
7	26,244.92	26,927.16	27,630.72	28,376.92	29,080.48	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56	34,623,68	35,540.44
	12.95	13.28	13.64	13.98	14.31	14.67	15.05	15.43	15.83	16.23	16.65	17.09	17.51
80	26,927.16	27,630.72	28,376.92	29,080.48	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56	34,623.68	35,540.44	36,414.56
	13.28	13.64	13.98	14.31	14.67	15.05	15.43	15,83	16.23	16.65	17.09	17.51	17.94
6	27.630.72	28,376,92	29,080,48	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56	34,623.68	35,540.44	36,414.56	37,310.00
	13.64	13.98	14.31	14.67	15.05	15.43	15.83	16.23	16.65	17.09	17.51	17.94	18.40
10	28,376,92	29,080,48	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56	34,623.68	35,540.44	36,414.56	37,310.00	38,269.40
1	13.98	14.31	14.67	15.05	15.43	15.83	16.23	16.65	17.09	17.51	17.94	18.40	18.86
11	29,080.48	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56	34,623.68	35,540.44	36,414.56	37,310.00	38,269.40	39,228.80
	14.31	14.67	15.05	15.43	15.83	16.23	16.65	17.09	17.51	17.94	18.40	18.86	19.33
12	29,762.72	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56	34,623.68	35,540,44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52
	14.67	15.05	15.43	15.83	16.23	16.65	17.09	17.51	17.94	18.40	18.86	19.33	19.81
5	30,508.92	31,297.76	32,086.60	32,918.08	33,749.56	34,623.68	35,540.44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56
	15.05	15.43	15.83	16.23	16.65	17.09	17.51	17.94	18.40	18.86	19.33	19.81	20.32
4	31,297.76	32,086.60	32,918.08	33,749.56	34,623.68	35,540.44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24
	15,43	15.83	16.23	16.65	17.09	17.51	17.94	18.40	18.86	19.33	19.81	20.32	20.86
15	32,086,60	32,918.08	33,749.56	34,623.68	35,540,44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20
	15.83	16.23	16.65	17.09	17.51	17.94	18.40	18.86	19.33	19.81	20.32	20.86	21.38
16	32,918.08	33,749.56	34,623.68	35,540,44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52
	16.23	16.65	17.09	17.51	17.94	18.40	18.86	19.33	19.81	20.32	20.86	21.38	21.91
17	33,749,56	34,623.68	35,540,44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16
	16.65	17,09	17.51	17.94	18.40	18,86	19.33	19.81	20.32	20.86	21.38	21.91	22.48
18	34,623,68	35,540,44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76
	17.09	17.51	17.94	18.40	18.86	19.33	19.81	20.32	20.86	21.38	21.91	22.48	23.05
19	35,540,44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68
	17.51	17.94	18.40	18.86	19.33	19.81	20.32	20.86	21.38	21.91	22.48	23.05	23.62
20	36,414,56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28
	17.94	18.40	18.86	19.33	19.81	20.32	20.86	21.38	21.91	22.48	23.05	23.62	24.22
21	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16
	18.40	18.86	19.33	19.81	20.32	20.86	21.38	21.91	22.48	23.05	23.62	24.22	24.83
22	28 269 40	39 228 80	40.209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121,28	50,379.16	51,537.04



1	7	2 112%	2 112%	2 1/2%	2 112%	2 112%	2 1/2%	2 1/2%	2 112%
7	15.05	15.43	15.83	16.23	16.65	17.09	17.51	17.94	00
+		32,000.00	32,310,00	02,749.00	24,023.00	55,540.44	30,414,30	37,310.00	38,209.40
2	32.086.60	32.918.08	33 749.56	34 623 68	35 540 44	36 414 56	37 310 00	38 269 40	39.28 RD
+	15.83	16.23	16.65	17.09	17.51	17.94	18.40	18.86	1933
3	32,918.08	33,749.56	34,623,68	35,540,44	36,414.56	37,310.00	38,269,40	39,228.80	40.209.52
	16.23	16.65	17.09	17.51	17.94	18.40	18.86	19.33	19.81
4	33,749.56	34,623.68	35,540.44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56
7	16.65	17.09	17.51	17.94	18.40	18.86	19.33	19.81	20.32
2	34,623.68	35,540.44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24
	17.09	17.51	17.94	18.40	18.86	19.33	19.81	20.32	20.86
9	35,540.44	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20
	17.51	17.94	18.40	18.86	19.33	19.81	20.32	20.86	21.38
7	36,414.56	37,310.00	38,269.40	39,228.80	40,209.52	41,211,56	42,256.24	43,386.20	44,473.52
-	17.94	18.40	18.86	19.33	19.81	20.32	20.86	21.38	21.9
8	37,310.00	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16
-	18.40	18.86	19.33	19.81	20.32	20.86	21.38	21.91	22.48
0	38,269.40	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76
-	18.86	19.33	19.81	20.32	20.86	21.38	21.91	22.48	23.05
10	39,228.80	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68
-	19.33	19.81	20.32	20.86	21.38	21.91	22.48	23.05	23.62
11	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121,28
-	19.81	20.32	20.86	21,38	21.91	22.48	23.05	23.62	24.22
12	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16
-	20.32	20.86	21.38	21.91	22.48	23.05	23.62	24.22	24.83
13	42,256.24	43,386.20	44,473.52	45,582,16	46,754.76	47,948.68	49,121,28	50,379.16	51,637.04
	20.86	21,38	21.91	22.48	23.05	23.62	24.22	24.83	25.45
14	43,386,20	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56
	21.38	21.91	22.48	23.05	23.62	24.22	24.83	25.45	26.11
15	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56	54,302.04
-	21.91	22.48	23.05	23,62	24.22	24.83	25.45	26.11	26.76
16	45,582.16	46,754.76	47,948.68	49,121,28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52
	22.48	23.05	23.62	24.22	24.83	25.45	26.11	26.76	27.41
17	46,754.76	47,948.68	49,121,28	50,379.16	51,637,04	52,937.56	54,302.04	55,666.52	57,009.68
-	23.05	23.62	24.22	24.83	25.45	26.11	26.76	27.41	28.11
18	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52	57,009.68	58,459.44
-	23.62	24.22	24.83	25.45	26.11	26.76	27.41	28.11	28.81
19	49,121.28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52
	24.22	24.83	25.45	26.11	26.76	27.41	28.11	28.81	29.55
20	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56
-	24.83	25.45	26.11	26.76	27.41	28.11	28.81	29.55	30.31
21	51,637.04	52,937.56	54,302.04	55,666.52	89.600,75	58,459.44	59,930.52	61,465.56	63,043.24
-	25.45	26.11	26.76	27.41	28.11	28.81	29.55	30.31	31.06
66	52 937 56	54.302.04	55,666.52	57.009.68	58,459,44	59.930.52	61,465.56	63.043.24	64.599.60



	A	В	0	D	ш	1	5			1-1	7-1	1-3	1
	18.86	19,33	19.81	20.32	20.86	21.38	21.91	22.48	23.05	23.62	24.22	24.83	25.45
23	39,228.80	40,209.52	41,211,56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56
	19.33	19.81	20.32	20.86	21.38	21.91	22.48	23.05	23.62	24.22	24.83	25.45	26.11
24	40,209.52	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56	54,302.04
	19.81	20.32	20.86	21.38	21.91	22.48	23.05	23.62	24.22	24.83	25.45	26.11	26.76
25	41,211.56	42,256.24	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121,28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52
	20.32	20.86	21.38	21.91	22.48	23.05	23.62	24.22	24.83	25.45	26.11	26.76	27.41
26	42,256.24	43,386,20	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52	57,009,68
	20.86	21.38	21.91	22.48	23.05	23.62	24.22	24.83	25.45	26.11	26.76	27.41	28.11
27	43,386.20	44,473.52	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52	57,009.68	58,459.44
	21.38	21.91	22.48	23.05	23.62	24.22	24.83	25.45	26.11	26.76	27.41	28.11	28.8
28	44,473.52	45,582,16	46,754.76	47,948.68	49,121.28	50,379.16	51,637.04	52,937,56	54,302.04	55,666.52	89.600,73	58,459.44	59,930.52
	21.91	22,48	23.05	23.62	24.22	24.83	25.45	26.11	26.76	27.41	28.11	28.81	29.55
29	45,582.16	46,754.76	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56
	22.48	23.05	23.62	24.22	24.83	25.45	26.11	26.76	27.41	28.11	28.81	29.55	30.31
30	46,754.76	47,948.68	49,121,28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56	63,043.24
	23.05	23.62	24.22	24.83	25.45	26.11	26.76	27.41	28.11	28.81	29.55	30.31	31.06
31	47,948.68	49,121.28	50,379.16	51,637.04	52,937.56	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56	63,043.24	64,599.60
	23.62	24.22	24.83	25.45	26,11	26.76	27.41	28.11	28.81	29.55	30.31	31.06	31.86
32	49,121.28	50,379,16	51,637.04	52,937.56	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56
	24.22	24.83	25.45	26.11	26.76	27.41	28.11	28.81	29.55	30.31	31.06	31.86	32.67
33	50,379.16	51,637,04	52,937.56	54,302.04	55,666.52	89:600'29	58,459.44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84
	24.83	25.45	26.11	26.76	27.41	28.11	28.81	29.55	30.31	31.06	31.86	32.67	33.49
34	51,637.04	52,937,56	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56	63,043,24	64,599.60	66,262.56	67,946.84	69,652.44
	25.45	26,11	26.76	27.41	28.11	28.81	29.55	30.31	31.06	31.86	32.67	33.49	34.34
35	52,937,56	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56	63,043,24	64,599,60	66,262,56	67,946.84	69,652.44	71,422.00
	26.11	26.76	27.41	28.11	28.81	29.55	30,31	31.06	31.86	32.67	33.49	34.34	35.19
36	54,302.04	55,666.52	89.600,75	58,459.44	59,930.52	61,465,56	63,043.24	64,599.60	66,262.56	67,946.84	69,652,44	71,422.00	73,191.56
	26.76	27.41	28.11	28.81	29.55	30.31	31.06	31.86	32.67	33.49	34.34	35.19	36.09
37	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72
	27.41	28.11	28.81	29.55	30.31	31.06	31.86	32.67	33.49	34.34	35.19	36.09	36.98
38	57,009.68	58,459,44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72	76,922.56
	28.11	28.81	29.55		31.06	31.86	32.67	33.49	34.34	35.19	36.09	36.98	37.91
39	58,459.44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191,56	75,067,72	76,922.56	78,862.68
	28.81	29.55	30.31	31.06	31.86	32.67	33.49	34.34	35.19	36.09	36.98	37.91	38.87
40	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72	76,922.56	78,862.68	80,845.44
	29.55	30.31	31.06	31.86	32.67	33.49	34.34	35.19	36.09	36.98	37.91	38.87	39.87
41	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72	76,922.56	78,862.68	80,845.44	82,934.80
	30,31	31.06	31.86	32.67	33.49	34.34	35.19	36.09	36.98	37.91	38.87	39.87	40.86
42	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72	76,922.56	78,862.68	80,845.44	82,934.80	84,981.52
	31,06	31.86	32.67	33.49	34.34	35.19	36.09	36.98	37.91	38.87	39.87	40.86	41.90
43	64,599.60	66,262,56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72	76,922.56	78,862.68	80,845.44	82,934.80	84,981.52	87,156.16
	31.86	32.67	33.49	34.34	35.19	36.09	36.98	37.91	38.87	39.87	40.86	41.90	42.95
XX	01 00000	RY DAR RA	60 652 44	71 422.00	73,191,56	75.067.72	76.922.58	78 862 68	80 845 44	82 934 80	84 981 52	87.156.16	89 330 80



	7	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%
	26.11	26.76	27.41	28.11	28.81	29.55	30.31	31.06	31.86
23	54,302.04	55,666.52	57,009.68	58,459.44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56
	26.76	27.41	28.11	28.81	29.55	30.31	31.06	31.86	32.67
24	55,666,52	57,009.68	58,459,44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84
	27.41	28.11	28.81	29.55	30.31	31.06	31.86	32.67	33.49
25	57,009.68	58,459,44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44
	28.11	28.81	29.55	30.31	31.06	31.86	32.67	33.49	34.34
26	58,459,44	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00
	28.81	29.55	30.31	31.06	31.86	32.67	33,49	34.34	35.19
27	59,930.52	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56
	29.55	30.31	31.06	31.86	32.67	33.49	34.34	35.19	36.09
28	61,465.56	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72
	30.31	31.06	31.86	32.67	33.49	34.34	35.19	36.09	36.98
29	63,043.24	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72	76,922.56
-	31.06	31.86	32.67	33.49	34.34	35.19	36.09	36.98	37.91
30	64,599.60	66,262.56	67,946.84	69,652.44	71,422.00	73,191,56	75,067.72	76,922.56	78,862.68
	31,86	32.67	33.49	34.34	35.19	36.09	36.98	37.91	38.87
31	66,262.56	67,946.84	69,652.44	71,422.00	73,191.56	75,067.72	76,922.56	78,862.68	80,845.44
-	32.67	33.49	34.34	35.19	36.09	36.98	37.91	38.87	39.87
32	67,946.84	69,652,44	71,422.00	73,191.56	75,067.72	76,922.56	78,862.68	80,845.44	82,934.80
-	33.49	34.34	35.19	36.09	36.98	37.91	38.87	39.87	40.86
33	69,652.44	71,422.00	73,191.56	75,067.72	76,922.56	78,862.68	80,845.44	82,934.80	84,981.52
-	34.34	35.19	36.09	36.98	37.91	38.87	39.87	40.86	41.90
34	71,422.00	73,191,56	75,067.72	76,922.56	78,862.68	80,845.44	82,934.80	84,981.52	87,156.16
-	35.19	36.09	36.98	37.91	38.87	39.87	40.86	41.90	42.95
35	73,191.56	75,067.72	76,922.56	78,862.68	80,845.44	82,934.80	84,981.52	87,156.16	89,330.80
-	36.09	36.98	37.91	38.87	39.87	40.86	41.90	42,95	44.02
36	75,067.72	76,922.56	78,862.68	80,845.44	82,934.80	84,981.52	87,156.16	89,330.80	91,569.40
	36.98	37.91	38.87	39.87	40.86	41,90	42.95	44.02	45.13
37	76,922.56	78,862.68	80,845.44	82,934.80	84,981.52	87,156.16	89,330.80	91,569.40	93,871.96
-	37.91	38.87	39.87	40.86	41.90	42.95	44.02	45.13	46.26
38	78,862.68	80,845.44	82,934.80	84,981.52	87,156.16	89,330.80	91,569.40	93,871.96	96,217.16
-	38.87	39.87	40.86	41.90	42.95	44.02	45.13	46,26	47.42
39	80,845.44	82,934.80	84,981.52	87,156.16	89,330.80	91,569.40	93,871.96	96,217.16	98,626.32
-	39.87	40.86	41.90	42.95	44.02	45.13	46.26	47.42	48.61
40	82,934.80	84,981.52	87,156.16	89,330.80	91,569.40	93,871.96	96,217.16	98,626.32	101,099.44
-	40.86	41.90	42.95	44.02	45.13	46.26	47.42	48.61	49.83
41	84,981.52	87,156.16	89,330.80	91,569.40	93,871.96	96,217.16	98,626.32	101,099.44	103,636.52
-	41.90	42.95	44.02	45.13	46.26	47.42	48.61	49.83	51.08
42	87,156.16	89,330.80	91,569.40	93,871.96	96,217.16	98,626.32	101,099.44	103,636.52	106,237.56
-	42.95	44.02	45.13	46.26	47.42	48.61	49.83	51.08	52.36
43	89,330.80	91,569.40	93,871.96	96,217.16	98,626.32	101,099.44	103,636.52	106,237.56	108,902.56
	44.02	45.13	46.26	47.42	48.61	49.83	51.08	52.36	53.67
44	91,569,40	93,871.96	96,217.16	98,626.32	101,099.44	103,636.52	106,237.56	108,902.56	111,631.52





	6	2 1/2%	2 1/2%	2 1/2%	2 112%	2 1/2%	2 1/2%	2 112%	%
	45.13	46.26	47.42	48.61	49.83	51.08	52.36		53.67
45	93,871.96	96,217.16	98,626.32	101,099.44	103,636.52	106,237.56	108,902.56	111,631,52	11.52
	46.26	47.42	48.61	49.83	51.08	52.36	53.67	5	55.01
46	96,217.16	98,626.32	101,099.44	103,636.52	106,237.56	108,902.56	111,631.52	114,424.44	44
	47.42	48.61	49.83	51.08	52.36	53.67	55.01	56	56.43
47	98,626,32	101,099.44	103,636.52	106,237.56	108,902.56	111,631.52	114,424.44	117,366.60	9
	48.61	49.83	51.08	52.36	53.67	55.01	56.43	57.81	81
48	101,099.44	103,636.52	106,237.56	108,902.56	111,631.52	114,424.44	117,366.60	120,244.80	80
	49.83	51.08	52.36	53.67	55.01	56.43	57.81	59.26	56
49	103,636.52	106,237.56	108,902.56	111,631.52	114,424.44	117,366.60	120,244.80	123,250.92	32
	51.08	52.36	53.67	55.01	56.43	57.81	59.26	60.74	4
20	106,237.56	108,902.56	111,631.52	114,424.44	117,366.60	120,244.80	123,250.92	126,342.32	2
	52.36	53.67	55.01	56.43	57.81	59.26	60.74	62.26	9
51	108,902.56	111,631.52	114,424.44	117,366.60	120,244.80	123,250.92	126,342.32	129,497.68	8
	53.67	55.01	56.43	57.81	59.26	60.74	62.26	63.82	2
52	111,631.52	114,424.44	117,366.60	120,244.80	123,250.92	126,342.32	129,497.68	132,738.32	0
	55.01	56.43	57.81	59.26	60.74	62.26	63.82	65.42	2
53	114,424.44	117,366.60	120,244.80	123,250.92	126,342.32	129,497.68	132,738.32	136,064.24	**
	56.43	57.81	59.26	60.74	62.26	63.82	65.42	67.06	10
54	117,366.60	120,244.80	123,250.92	126,342.32	129,497.68	132,738.32	136,064.24	139,475.44	77
1	57.81	59.26	60.74	62.26	63.82	65.42	90'29	68.74	4
55	120,244.80	123,250.92	126,342.32	129,497.68	132,738.32	136,064.24	139,475.44	142,971.92	2
	59.26	60.74	62.26	63.82	65.42	90'.29	68.74	70.46	10
26	123,250.92	126,342.32	129,497.68	132,738.32	136,064.24	139,475,44	142,971.92	146,553.68	~



	A	В	O	0	Е	L	9	H		7	×	-	M
*	9.83	10.08	10.33	10.59	10.85	11.13	11.40	11,69	11.98	12.28	12.59	12.90	13,23
1	10.08	10.33	10.59		11.13	11.40	11,69	11.98	12.28	12,59	12.90	13,23	13,56
7	20,965,77	21,489,91	22,027,16	22,577.84	23,142,29	23,720,84	24,313.86	24,921,71	25,544,75	26,183.37	26,837,96	27,508.90	28,196.63
T	10.33	10.59	10.85	11.13	11.40	11.69	11.98	12.28	12.59	12.90	13.23	13.56	13.89
63	21,489.91	22,027,16	22,577.84	23,142.29	23,720.84	24,313.86	24,921.71	25,544.75	26,183.37	26,837,96	27,508.90	28,196.63	28,901.54
	10.59	10.85	11.13	11.40	11.69	11.98	12.28	12.59	12.90	13.23	13.56	13.89	14.24
4	22,027,16	22,577.84	23,142.29	23,720.84	24,313.86	24,921.71	25,544,75	26,183,37	26,837.96	27,508.90	28,196.63	28,901.54	29,624,08
	10.85	11.13	11,40	11.69	11.98	12.28	12.59	12.90	13.23	13.56	13.89	14.24	14.60
10	22,577.84	23,142.29	23,720.84	24,313.86	24,921.71	25,544.75	26,183.37	26,837,96	27,508.90	28,196.63	28,901.54	29,624.08	30,364,68
	11.13	11.40	11.69	11,98	12.28	12.59	12.90	13,23	13.56	13.89	14.24	14.60	14.96
w	23,142,29	23,720.84	24,313.86	24,921.71	25,544.75	26,183.37	26,837,96	27,508.90	28,196,63	28,901.54	29,624.08	30,364.68	31,123.80
	11,40	11.69	11.98	12.28	12.59	12.90	13.23	13.56	13,89	14.24	14.60	14.96	15,34
1	23,720.84	24,313.86	24,921.71	25,544.75	26,183.37	26,837.96	27,508.90	28,196.63	28,901.54	29,624.08	30,364.68	31,123.80	31,901.90
	11.69	11.98	12.28	12.59	12.90	13.23	13,56	13.89	14.24	14.60	14.96	15,34	15.72
83	24,313,86	24,921.71	25,544.75	26,183.37	26,837.96	27,508.90	28,196.63	28,901.54	29,624.08	30,364,68	31,123.80	31,901.90	32,699.44
	11,98	12.28	12.59	12.90	13.23	13.56	13,89	14.24	14.60	14.96	15.34	15.72	16.11
6	24,921.71	25,544,75	26,183.37	26,837,96	27,508.90	28,196.63	28,901.54	29,624.08	30,364.68	31,123.80	31,901.90	32,699.44	33,516.93
	12.28	12.59	12.90	13.23	13.56	13.89	14.24	14.60	14.96	15.34	15.72	16.11	16.52
10	25,544,75	26,183.37	26,837.96	27,508.90	28,196.63	28,901.54	29,624.08	30,364,68	31,123,80	31,901.90	32,699,44	33,516.93	34,354.85
	12.59	12.90		13,56	13,89	14.24	14.60	14.96	15.34	15.72	16.11	16.52	16.93
17	26,183,37	26,837,96	27,508.90	28,196.63	28,901,54	29,624.08	30,364.68	31,123.80	31,901.90	32,699.44	33,516.93	34,354.85	35,213.72
	12,90	13.23	13.56	13.89	14.24	14.60	14.96	15,34	15,72	16.11	16,52	16.93	17.35
12	26,837,96	27,508,90	28,196.63	28,901.54	29,624.08	30,364,68	31,123.80	31,901.90	32,699.44	33,516.93	34,354.85	35,213.72	36,094.07
	13.23	13.56		14.24	14.60	14.96	15.34	15.72	16.11	16.52	16.93	17.35	17.79
13	27,508.90	28,196,63	28,9	29,624.08	30,364.68	31,123.80	31,901.90	32,699.44	33,516,93	34,354.85	35,213.72	36,094.07	36,996.42
	13.56	13.89		14.60	14.96	15.34	15.72	16.11	16.52	16.93	17.35	17.79	18.23
14	28,196,63	28,901.54	29,624.08	30,364,68	31,123.80	31,901.90	32,699.44	33,516.93	34,354,85	35,213.72	36,094.07	36,996,42	37,921.33
	13,89	14,24	14.60	14,96	15,34	15.72	16.11	16.52	16,93	17.35	17.79	18,23	18,69
15	28,901.54	29,624.08	30,3	31,123.80	31,901.90	32,699,44	33,516,93	34,354.85	35,213.72	36,094.07	36,996.42	37,921.33	38,869,36
	14.24	14,60		15.34	15.72	16.11	16.52	16.93	17.35	17.79	18,23	18,69	19.15
16	29,624.08	30,364.68	31,123.80	31,901.90	32,699.44	33,516.93	34,354.85	35,213.72	36,094.07	36,996.42	37,921.33	38,869.36	39,841.10
	14,60	14.96	15.34	15.72	16,11	16.52	16.93	17.35	17.79	18.23	18,69	19.15	19.63
17	30,364.68	31,123.80	31,901.90	32,699.44	33,516.93	34,354.85	35,213.72	36,094.07	36,996.42	37,921.33	38,869.36	39,841.10	40,837.12
	14.96	15.34	15.72	16,11	16.52	16.93	17.35	17.79	18.23	18.69	19.15	19.63	20.12
50	31,123,80	31,901.90	32,699.44	33,516.93	34,354.85	35,213.72	36,094.07	36,996.42	37,921.33	38,869.36	39,841.10	40,837.12	41,858.05
	15,34	15.72	16.11	16.52	16.93	17.35	17.79	18.23	18,69	19.15	19.63	20.12	20.63
19	31,901.90	32,699,44	33,516.93	34,354.85	35,213.72	36,094.07	36,996,42	37,921.33	38,869,36	39,841.10	40,837,12	41,858.05	42,904.50
	15.72	16.11	16.52	16.93	17.35	17.79	18,23	18.69	19.15	19.63	20.12	20.63	21.14
20	32,699,44	33,516.93	34,354.85	35,213,72	36,094.07	36,996,42	37,921.33	38,869,36	39,841,10	40,837.12	41,858.05	42,904.50	43,977.12
	16,11	16.52		17.35	17.79	18,23	18,69	19,15	19.63	20.12	20.63	21.14	21.67
21	33,516.93	34,354.85	35,213,72	36,094.07	36,996,42	37,921.33	38,869.36	39,841,10	40,837,12	41,858.05	42,904.50	43,977.12	45,076,54
1	16.52	16.93	17,35	17.79	18.23	18.69	19.15	19,63	20.12	20.63	21.14	21.67	22.21
200	24 254 85	35 213 72	36.094.07	36,996,42	37,921.33	38,869.36	39,841.10	40,837,12	41,858.05	42,904.50	43,977.12	45,076.54	46,203.46

+	1			3	N		4 115/0	4 114/10	4 11270	2 1/2%	2 1/2%	706116	2 41307
	13,56		14.24	14.60	14.96	15.34	15.72	16.11	16.52	16.02	17 05	00. 17	6 112/0
-	28,196,63	28,9	29,624.08	30,364.68	31,123.80	31,901.90	32,6	33,516,93	34.354.85	35 213 72	36 094 07	17.79	18.23
	13.89	14.24	14.60	14.96	15.34	1572	16.11	48.52	18.00	47.50	70,150,00	30,330,42	37,921,33
2	28,901.54	29,624.08	30,364,68	31,123.80	31,901,90	32,699,44	33,516,93	34 354 85	35 213 72	26.004.07	17.79	18.23	18.69
-	14.24	14.60	14.96	15.34	15.72	16.11	18.52	16.03	17.05	10,004,00	20,930,42	37,921,33	38,869,36
3	29,624.08	30,364.68	31,123.80	31,901.90	32,699.44	33,516,93	34,354,85	35 213 72	36 094 07	11.19 35 996 AF	18.23	18,69	19.15
-	14.60	14.96	15,34	15.72	16.11	16.52	16 93	47.35	47.70	24.000,00	31,321.33	30,809,36	39,841,10
4	30,364.68	31,123,80	31,901.90	32,699,44	33,516,93	34.354.85	35 213 72	36 094 07	36 906 42	27 021 22	18.69	19.15	19,63
-	14.96	15.34	15.72	16.11	16.52	16 93	17 35	17.70	40.000	00.02,10	30,009,30	39,841.10	40,837.12
10	31,123.80	31,901.90	32,699,44	33,516,93	34.354.85	35 213 72	36 094 07	34 906 AD	97 004 99	18,69	19.15	19.63	20,12
-	15.34	15.72	16,11	16.52	16.93	17.35	47.70	48 23	00,04,10	30,009,30	39,841.10	40,837.12	41,858.05
9	31,901.90	32,699,44	33,516,93	34,354.85	35.213.72	36 094 07	SE 006 42	27 024 22	10.09	01.00	19.63	20.12	20.63
-	15.72	16,11	16.52	16.93	17.35	17.79	18 23	12 60	30,009,30	39,641.10	40,837.12	41,858.05	42,904.50
7	32,699.44	33,516,93	34,354.85	35,213,72	36.094.07	36 996.42	37 921 33	38 860 36	30 841 40	19.03	20.12	20.63	21.14
_	16.11	16.52	16,93	17.35	17.79	18 23		20,000,00	33,041,10	40,037.12	41,858.05	42,904.50	43,977.12
80	33,516.93	34,354.85	35,213,72	36.094.07	36.996.42	37 921 33	38 860 36	20 RA1 10	40 027 40	20.12	20.63	21.14	21.67
-	16.52	16.93	17.35	17.79	18 23	18 60	10.00.00	40.65	40,037.12	41,658.05	42,904,50	43,977.12	45,076.54
6)	34,354,85	35,213,72	36,094.07	36.996.42	37 921 33	38 869 36	39 841 10	AO 827 42	44 050 05	20.63	21.14	21.67	22,21
-	16.93	17.35	17.79	18.93	18.60	40.00	40.00	40,037.12	41,636.03	42,904.50	43,977.12	45,076.54	46,203.46
10	35,213,72	36.094.07	36 996 42	37 921 33	38 889 38	20 844 10	40 027 42	44 050 05	20.63	21.14	21.67	22.21	22.77
-	17.35	17.70	18 22	20000	21	23,041,10	40,037.12	41,658.05	42,904.50	43,977,12	45,076.54	46,203.46	47,358.54
11	36 094 07	36 996 42	27 021 23	38 860 36	20 044 40	19.63	20.12	20.63	21.14	21.67	22,21	22.77	23,34
1	17.70	40.00	2	20,000,00	00,041.10	40,037.12	41,858.05	42,904,50	43,977,12	45,076,54	46,203.46	47,358.54	48,542,51
4.0	61.11	10.23		19,15	19.63	20.12	20.63	21.14	21.67	22.21	22.77	23.34	23.92
1	30,330,42	37,921.33	36,869,36	39,841.10	40,837.12	41,858,05	42,904.50	43,977.12	45,076,54	46,203,46	47,358.54	48,542,51	49.756.07
	10.23	18.69		19.63	20.12	20.63	21.14	21.67	22.21	22.77	23.34	23.92	24.52
1	37,921.33	38,869,36	39,841,10	40,837.12	41,858.05	42,904,50	43,977.12	45,076.54	46,203.46	47,358.54	48.542.51	49 756 07	50 999 97
	18.69	19.15		20.12	20,63	21.14	21.67	22.21	22.77	23.34	23.92	24.52	25.13
14	38,869,36	39,841.10	40,837.12	41,858.05	42,904.50	43,977.12	45,076.54	46,203,46	47,358,54	48,542,51	49.756.07	50 999 97	52 274 97
	19.15	19.63		20.63	21.14	21.67	22.21	22.77	23.34	23.92	24.52	25 13	25.76
15	39,841.10	40,837.12	41,858.05	42,904,50	43,977.12	45,076.54	46,203.46	47,358.54	48,542.51	49,756,07	50.999.97	52 274 97	53 581 85
	19.63	20.12		21.14	21.67	22.21	22.77	23.34	23.92	24.52	25.13	25.78	26.40
16	40,837.12	41,858.05	42,904.50	43,977.12	45,076,54	46,203,46	47,358.54	48,542.51	49,756.07	50,999.97	52.274.97	53.581.85	54 921 39
	20.12	20.63	21.14	21.67	22.21	22.77	23.34	23.92	24.52	25.13	25.76	26.40	27.08
17	41,858,05	42,904.50	43,977,12	45,076.54	46,203.46	47,358.54	48,542.51	49,756.07	50,999.97	52,274.97	53 581.85	54 921 39	56 294 43
	20.63	21.14	21.67	22.21	22.77	23.34	23.92	24.52	25.13	25.76	26.40	27.06	57.73
	42,904.50	43,977.12	45,076.54	46,203.46	47,358.54	48,542.51	49,756.07	50,999.97	52.274.97	53.581.85	54 921 39	56 204 43	67 701 70
	21.14	21.67	22.21	22.77	23.34	23.92	24.52	25.13	25.76	26.40	27.08	27.74	28.43
1	43,977.12	45,076,54	46,203.46	47,358.54	48,542,51	49,756.07	50,999.97	52,274.97	53,581,85	54,921,39	56.294.43	57 701 79	59 144 33
	21.67	22.21		23.34	23.92	24.52	25.13	25.76	26.40	27.06	27.74	28 43	29.15
20	45,076.54	46,203.46	47,358.54	48,542.51	49,756.07	50,999.97	52,274.97	53,581.85	54,921,39	56,294,43	57.701.79	59 144 33	60 622 94
	22.21	22.77	23.34	23.92	24.52	25.13	25.76	26.40	27.06	27.74	28.43	29.15	29.87
	46,203.46	47,358.54	48,542,51	49,756.07	50,999.97	52,274,97	53,581,85	54,921.39	56,294,43	57,701,79	59,144,33	60 622 94	62 138 51
	22.77	23.34	23.92	. 24.52	25,13	25.76	26.40	27.06	27.74	28.43	29.15	29.87	30.62
	17 2 CO CY	10 E 10 E 1	40 770 03	200000	20.000								20.00

	A	В	S	a	Е	4	5	I	-	7	×	7	Z
	16.93	17.35	17.79	18.23	18.69	19.15	19.63	20,12	20.63	21.14	21.67	22.21	47 25g 54
3	17.213.72	30,034,07	18 24		10 15	10 63	20.12	20.00.00	21.10	21.01.12	10,00	77 66	1
2.4	36 094 07	25 995 42	37 921 33	38 869 36	39 841 10	40 837 12	41 858 05	42 904 50	43 977 12	45 076 54	46 203 46	47 358 54	48 542 51
-	17.79	18 23		19.15	19.63	20.12	20,63	21.14	21.67	22.21	22.77	23.34	23.92
25	36,996,42	37,921,33	38,869,36	39,841.10	40,837.12	41,858.05	42,904.50	43,977.12	45,076.54	46,203.46	47,358.54	48,542,51	49,756.07
1	18.23	18.69		19.63	20.12	20.63	21.14	21.67	22.21	22.77	23.34	23.92	24.52
26	37,921.33	38,869,36	39,841.10	40,837.12	41,858.05	42,904.50	43,977.12	45,076.54	46,203,46	47,358.54	48,542.51	49,756.07	50,999.97
	18.69	19.15	19.63	20.12	20.63	21.14	21.67	22.21	22,77	23.34	23.92	24.52	25.13
27	38,869,36	39,841,10	40,837.12	41,858.05	42,904.50	43,977.12	45,076.54	46,203,46	47,358.54	48,542,51	49,756.07	50,999,97	52,274.97
	19,15	19.63	20.12	20.63	21.14	21.67	22.21	22.77	23.34	23.92	24.52	25.13	25.76
28	39,841,10	40,837.12	41,858.05	42,904.50	43,977.12	45,076,54	46,203.46	47,358.54	48,542.51	49,756.07	76,999,97	52,274.97	53,581,85
	19,63	20,12	20.63	21.14	21.67	22.21	22.77	23.34	23.92	24.52	25.13	25.76	26.40
29	40,837,12	41,858,05	42,904.50	43,977.12	45,076.54	46,203.46	47,358.54	48,542.51	49,756.07	20,999.97	52,274.97	53,581.85	54,921.39
	20.12	20.63	21.14	21.67	22.21	22.77	23.34	23.92	24,52	25.13	25.76	26.40	27.06
30	41,858.05	42,904.50	43,977.12	45,076.54	46,203.46	47,358,54	48,542.51	49,756.07	50,999.97	52,274.97	53,581,85	54,921.39	56,294,43
	20.63	21,14	21,67	22.21	22.77	23.34	23.92	24.52	25.13	25.76	26.40	27.06	27.74
31	42,904.50	43,977.12	45,076.54	46,203,46	47,358.54	48,542.51	49,756.07	50,999.97	52,274.97	53,581,85	54,921.39	56,294,43	57,701.79
	21.14	21.67	22.21	22.77	23.34	23.92	24.52	25.13	25.76	26.40	27.06	27.74	28.43
32	43,977.12	45,076,54	46,203,46	47,358.54	48,542,51	49,756.07	50,999.97	52,274.97	53,581,85	54,921.39	56,294,43	57,701.79	59,144.33
	21.67	22.21	22.77	23.34	23.92	24.52	25,13	25,76	26.40	27.06	27.74	28.43	29,15
33	45,076.54	46,203,46	47,358.54	48,542.51	49,756.07	20,999.97	52,274,97	53,581.85	54,921.39	56,294,43	57,701.79	59,144.33	60,622,94
	22.21	22.77	23,34	23.92	24.52	25.13	25.76	26.40	27.06	27.74	28.43	29.15	29.87
34	46,203,46	47,358.54	48,542.51	49,756.07	50,999.97	52,274.97	53,581.85	54,921.39	56,294.43	57,701.79	59,144.33	60,622,94	62,138.51
	22.77	23,34	23.92	24.52	25.13	25.76	26.40	27.06	27.74	28.43	29.15	29.87	30.62
35	47,358.54	48,542.51	49,7	20,999.97	52,274.97	53,581.85	54,921.39	56,294.43	57,701.79	59,144.33	60,622.94	62,138.51	63,691,98
	23.34	23.92	24.52	25.13	25.76	26.40	27.06	27.74	28,43	29.15	29.87	30.62	31.39
36	48,542.51	49,756.07	50,999.97	52,274.97	53,581,85	54,921.39	56,294,43	57,701.79	59,144.33	60,622.94	62,138,51	63,691.98	65,284.28
	23,92	24.52	25.13	25.76	26.40	27.06	27.74	28.43	29.15	29.87	30.62	31.39	32.1
37	49,756,07	50,999,97	52,274,97	53,581.85	54,921.39	56,294.43	57,701,79	59,144.33	60,622.94	62,138.51	63,691.98	65,284,28	66,916,38
-	24.52	25.13	25.76	26.40	27.06	27.74	28.43	29,15	29.87	30.62	31.39	32.17	32.98
38	50,999.97	52,274.97	53,581.85	54,921,39	56,294,43	57,701,79	59,144,33	60,622,94	62,138,51	63,691,98	65,284,28	66,916.38	68,589,29
	25.13	25.76	26.40	27.06	27.74	28.43	29,15	29.87	30.62	31.39	32.17	32.98	33,80
39	52,274.97	53,581.85	54,921.39	56,294,43	57,701.79	59,144.33	60,622.94	62,138,51	63,691,98	65,284.28	66,916.38	68,589.29	70,304.02
	25.76	26,40	27.06	27.74	28.43	29.15	29.87	30.62	31,39	32.17	32.98	33.80	34.65
40	53,581.85	54,921,39	56,294.43	57,701.79	59,144.33	60,622.94	62,138.51	63,691.98	65,284.28	66,916.38	68,589,29	70,304.02	72,061.62
	26.40	27.06	27.74	28.43	29.15	29.87	30.62	31.39	32.17	32.98	33.80	34.65	35,51
41	54,921,39	56,294,43	67,701,79	59,144.33	60,622.94	62,138.51	63,691.98	65,284.28	66,916,38	68,589,29	70,304.02	72,061,62	73,863,17
	27.06	27.74	28.43	29.15	29.87	30.62	31.39	32.17	32.98	33.80	34.65	35.51	36.40
42	56,294,43	57,701,79	59,144.33	60,622,94	62,138,51	63,691,98	65,284.28	66,916.38	68,589,29	70,304.02	72,061.62	73,863.17	75,709.74
	27.74	28.43	29.15	29.87	30.62	31,39	32.17	32.98	33.80	34.65	35.51	36.40	37,31
43	57,701,79	59,144.33	60,622,94	62,138.51	63,691,98	65,284.28	66,916,38	68,589,29	70,304.02	72,061.62	73,863.17	75,709.74	77,602.49
	28.43	29.15	29.87	30.62	31,39	32.17	32.98	33,80	34.65	35.51	36,40	37.31	38.24
4.4	CO ALL DO	BO 609 04	62 138 51	63.691.98	65,284.28	66,916,38	68,589,29	70,304.02	72,061.62	73,863.17	75,709.74	77,602,49	79,542.55

23.92	24.52	25 13	200		-			27 20 10		01 411 4	1 1/4/10
750 07			72.76	26.40	27.08	27.74	28.43	29.15	29.87	30.62	31,39
10.00	50,999.97	52,274.97	53,581.85	54,921.39	56,294.43	57,701,79	59,144,33	60,622.94	62,138,51	63,691,98	65.284.28
24.52	25.13	25.76	26.40	27.06	27.74	28,43	29.15	29.87	30.62	31.39	32.17
50,999.97	52,274.97	53,581.85	54,921.39	56,294,43	57,701,79	59,144.33	60,622.94	62,138.51	63.691.98	65 284 28	66 916 38
25.13		26.40	27.06	27.74	28.43	29.15	29.87	30.62	31.39		32.98
52,274.97	53,5	54,921.39	56,294,43	57,701.79	59,144,33	60,622,94	62,138.51	63,691,98	65,284.28	66,99	68,589,29
25.76	ı	27.06	27.74	28.43	29.15	29.87	30.62	31.39			33.80
53,581.85	54.5	56,294.43	57,701.79	59,144.33	60,622,94	62,138.51	63,691,98	65,284.28	66,916,38	68,589,29	70 304.02
26.40	ľ	27.74	28.43	29.15	29.87	30.62	31.39	32.17	32.98		34.65
54,921.39	56,294.43	57,701.79	59,144.33	60,622,94	62,138,51	63,691,98	65,284,28	66,916,38	68,589,29	70.3	72 061 62
27.06	27.74	28,43	29.15	29.87	30.62	31.39	32.17	32.98	33.80	34.65	35.51
56,294.43	57,701,79	59,144.33	60,622,94	62,138,51	63,691,98	65,284,28	66,916,38	68,589,29	70.304.02	72.061.62	73 863 17
27.74	28,43	29.15	29.87	30.62	31.39	32.17	32.98	33.80	34.65		36.40
57,701.79	59,144,33	60,622.94	62,138.51	63,691,98	65,284,28	66,916,38	68,589,29	70,304,02	72.061.62	73.8	75 709 74
28.43	29.15	29.87	30,62	31.39	32.17	32.98	33.80	34.65	35.51	36.40	37.31
59,144.33	60,622.94	62,138.51	63,691,98	65,284.28	66,916,38	68,589.29	70,304.02	72,061,62	73.863.17	75.709.74	77 602 49
29,15	29,87	30.62	31,39	32.17	32.98	33.80	34.65	35.51	36.40	37.31	38 24
60,622.94	62,138.51	63,691.98	65,284.28	66,916.38	68,589,29	70,304.02	72,061.62	73.863.17	75,709,74	77,602.49	79.542.55
29.87	30,62	31.39	32.17	32.98	33.80	34.65	35.51	36.40	37.31	38.24	39.20
62,138.51	63,691,98	65,284,28	66,916.38	68,589,29	70,304.02	72,061.62	73,863.17	75,709.74	77,602,49	79,542,55	81,531,11
30.62		32.17	32.98	33.80	34.65	35.51	36.40	37.31	38.24	39.20	40.18
63,691,98	65,284.28	66,916,38	68,589.29	70,304.02	72,061.62	73,863,17	75,709.74	77,602,49	79,542.55	81,531,11	83,569,39
31.39	32.17	32.98	33.80	34.65	35,51	38,40	37.31	38.24	39.20	40.18	41.18
65,284.28	66,916.38	68,589.29	70,304.02	72,061.62	73,863,17	75,709.74	77,602.49	79,542.55	81,531.11	83,569,39	85,658,63
32.17	32.98	33.80	34,65	35.51	36.40	37.31	38.24	39.20	40,18	41.18	42.21
66,916,38	68,589,29	70,304.02	72,061.62	73,863.17	75,709.74	77,602.49	79,542,55	81,531.11	83,569.39	85,658.63	87,800.09
32.98	33.80	34,65	35,51	36.40	37.31	38.24	39.20	40.18	41.18	42.21	43.27
68,589.29	70,304.02	72,061.62	73,863.17	75,709.74	77,602.49	79,542.55	81,531,11	83,569.39	85,658.63	87,800.09	89,995.09
33.80	34.65	35.51	36,40	37,31	38.24	39.20	40.18	41.18	42.21	43.27	44.35
70,304.02	72,061.62	73,863.17	75,709.74	77,602.49	79,542.55	81,531.11	83,569,39	85,658,63	87,800.09	89,995.09	92,244.97
34.65	35.51	36.40	37.31	38.24	39.20	40.18	41.18	42.21	43.27	44.35	45.46
72,061,62	73,863,17	75,709.74	77,602.49	79,542,55	81,531.11	83,569.39	85,658.63	87,800.09	89,995.09	92,244.97	94,551,10
35.51	36,40	37.31	38,24	39.20	40.18	41.18	42.21	43.27	44.35	45,46	46.59
73,863.17	75,709.74	77,602.49	79,542,55	81,531.11	83,569,39	85,658.63	87,800.09	89,995.09	92,244.97	94,551,10	96,914.87
36,40	37.31	38.24	39.20	40.18	41.18	42.21	43.27	44,35	45.46	46.59	47.76
75,709,74	77,602,49	79,542.55	81,531,11	83,569.39	85,658,63	87,800.09	89,995.09	92,244.97	94,551,10	96,914.87	99,337.75
37,31	38.24	39.20	40.18	41.18	42.21	43.27	44.35	45,46	46.59	47.76	48.95
77,602.49	79,542.55	81,531.11	83,569,39	85,658.63	87,800.09	89,995,09	92,244.97	94,551.10	96,914.87	99,337.75	101,821,19
38.24	39.20	40.18	41.18	42.21	43.27	44.35	45.46	46.59	47.76	48.95	50.18
79,542,55	81,531,11	83,569,39	85,658,63	87,800.09	89,995,09	92,244.97	94,551,10	96,914.87	99,337.75	101,821,19	104,366.72
39.20		41.18	42.21	43.27	44,35	45,46	46,59	47.76	48.95	50.18	51.43
81,531,11	83,569,39	85,658,63	87,800.09	89,995,09	92,244.97	94,551,10	96,914.87	99,337.75	101,821.19	104,366.72	106,975.89
40.18	41.18	42.21	43.27	44.35	45,46	46.59	47.76	48.95	50.18	51.43	52.72



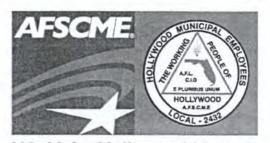
M		81,5			18 42.21	87,8	99 89 89 995 09			94,5	46.59 10 96.914.87				18 51.43
-	38,24	79,5	39.20			85,6	87.800.09		44.35	92,2	94,551,10			48.95	
×	37.31	77,602.49	38.24	39.20	40.18	83,569.39	85,658,63	42.21	43.27	89,995,09	92,244.97	45.46	46.59	47.76	48.95
7	36.40	75,709.74	37.31	38.24	39.20	81,531.11	83,569,39	41.18	42.21	87,800.09	89,995,09	44.35	45.46	46.59	47.76
-	35.51	73,863.17	36.40	37.31	38.24	79,542.55	81,531,11	40.18	41.18	85,658.63	87,800.09	43.27	44.35	45.46	46.59
H	34,65	72,061.62	35,51	36.40	37.31	77,602.49	79,542,55	39.20	40.18	83,569.39	85,658.63	42.21	43,27	44.35	45.46
9	33.80	70,304.02	34.65	35.51	36.40	75,709.74	77,602.49	38.24	39.20	81,531,111	83,569.39	41.18	42.21	43.27	44.35
F	32.98	68,589,29	33.80	34.65	35.51	73,863.17	75,709.74	37.31	38.24	79,542,55	81,531.11	40.18	41.18	42.21 87 800 09	43.27
E	32.17	66,916,38	32.98	33.80	34.65	35.51	73,863,17	36.40	37.31	7,502.49	79,542.55	39.20	40.18	41.18	42.21
O	31.39	65,284.28	32.17	32.98	33.80	34 65	72,061.62	35.51	36.40	12,709.74	77,602.49	38.24	39.20	40.18	41.18
0	30.62	63,691,98	31,39	32.17	32.98	33 80	70,304.02	34.65	35.51	13,003.17	75,709.74	37.31	38.24	39.20	40.18
В	29.87	62,138.51	30.62	31.39	32.17	32 98	68,589,29	33.80	34.65	35 51	73,863.17	36.40	37.31	38.24	39.20
A	29.15	60,622.94	29.87	30.62	31.39	32.426	66,916,38	32.98	33.80	34 65	72,061.62	73.863.17	36.40	37.31	38.24
	1	45	46	47	1	40	49	20	2	5	52	53	54	55	56



	Z	0	Ь	a	×	2 1/2%	2 1/2%	2 1/2%	2 1/2%	2 1/2%	7 412 m	70C11 C	2 4134/
-	40.18	41,18	42,21	43.27	44,35	45,46	46.59	47.76	48.95	80.18	51.43	60 70	EA 000
45	83,569,39	85,658,63	87,800.09	89,995,09	92,244.97	94,551,10	96.914.87	99 337 75	101 821 19	104 366 72	108 975 80	100 650 28	24.03
	41.18	42.21	43.27	44.35	45.46	46.59	47.78	48 95	200	24.00	50.00	07.000,601	112,391,54
AR	RE GER 62	97 BAN A9	80 905 08	C	04 554 40	C	2000000	20.00	- 1	24.10	27.72	54.03	55,39
2	20,000,00	60,000,10	2	32,244.37	24,331.10	90,914.87	99,337,75	101,821,19	104,366.72	106,975,89	109,650.28	112,391.54	115,201.33
13	47.71	43.2/	44.35	45.46	46.59	47.76	48.95	50.18	51,43	52.72	54.03	55.39	56 77
47	87,800.09	89,995.09	92,244.97	94,551.10	96,914.87	99,337.75	101,821.19	104,366.72	106,975,89	109,650,28	112 391 54	115 201 33	118 081 36
	43.27	44.35	45.46	46.59	47.76	48.95	50.18	51.43	52.72	54.03	55.39	56.77	58 10
48	89,995,09	92,244.97	94,551.10	96,914.87	99,337.75	101,821.19	104,366,72	106,975.89	109,650.28	112,391,54	115 201 33	118 081 36	121 033 40
	44.35	45.46	46.59	47.76	48.95	50.18	51.43	52.72	54.03	55.39	56.77	58.19	50 64
49	92,244.97	94,551.10	96,914.87	99,337.75	101,821.19	104,366,72	106,975.89	109,650,28	112,391,54	115,201,33	118.081.36	121 033 40	124 059 23
-	45,46	46.59	47.76	48.95	50.18	51.43	52.72	54.03	55.39	56.77	58.19	59 64	61 42
20	94,551,10	96,914.87	99,337.75	101,821.19	104,366,72	106,975.89	109,650,28	112,391,54	115,201,33	118.081.36	121 033 40	124 059 23	127 160 71
-	46,59	47,76	48,95	50,18	51,43	52,72	54.03	55.39	56.77	58.19	59.64	61 13	20.00
51	96,914.87	99,337.75	101,821.19	104,366.72	106,975,89	109,650.28	112,391,54	115,201.33	118,081,36	121.033.40	124 059 23	127 160 71	130 330 73
-	47.76	48.95	50.18	51.43	52,72	54.03	55.39	56.77	58 19	59.84	61 13	00.00	20000
52	99,337.75	101,821,19	104,366,72	106.975.89	109,650,28	112 391.54	115 201 33	118 081 36	121 033 40	124 050 22	157 160 74	420 220 22	499 699 99
-	48.95	50.18	51.43	52.72	54.03	55,39	56.77	58.19	59.64	61 13	62 68	64 22	133,390.22
53	101,821.19	104,366.72	106,975,89	109,650,28	112,391.54	115,201.33	118,081,36	121,033.40	124,059,23	127.160.71	130 339 73	133 598 22	136 038 18
-	50.18	51.43	52.72	54.03	55.39	56.77	58.19	59.64	61.13	62.66	64 23	65 R4	67.48
54	104,366,72	106,975.89	109,650,28	112,391,54	115,201.33	118,081,36	121,033.40	124,059.23	127,160.71	130,339.73	133,598,22	136.938.18	140 361 63
	51,43	52.72		62,39	26.77	58.19	59.64	61.13	62.66	64.23	65.84	67.48	69.17
55	106,975.89	109,650,28	112,391.54	115,201.33	118,081,36	121,033.40	124,059.23	127,160.71	130,339.73	133,598,22	136,938,18	140,361,63	143 870 67
	52.72	54.03	65.39	56.77	58,19	59,64	61.13	62,66	64.23	65.84	67.48	69.17	70.90
99	109,650.28	112,391,54	115,201.33	118,081.36	121,033,40	124,059.23	127,160.71	130,339.73	133,598,22	136 938 18	140 361 63	143 870 87	147 467 44

### APPENDIX C

### **AUTHORIZATION FOR PAYROLL DEDUCTION FORM**



# We Make Hollywood Happen HOLLYWOOD MUNICIPAL EMPLOYEES, LOCAL 2432

### AUTHORIZATION FOR PAYROLL DEDUCTION

Departmen	t or Divisio	on:	
perio unio	nd an amoun	nt sufficient to provide for the regulation of the regular blished by A.F.S.C.M.E. Local 243	rize you to deduct from my earnings each plar payment of the current rate of monthly 2. The amount deducted shall be paid to the main in effect unless terminated by me with
		written notice to both Local 2432 a	
		written notice to both Local 2432 a	and the City of Hollywood.

PLEASE COMPLETE AND RETURN TO AFSCME LOCAL 2432 4621 Hollywood Boulevard, Hollywood Florida 33021 www.local2432.com



# APPENDIX D PENSION ORDINANCE



### **APPENDIX D**

**HOLLYWOOD ORDINANCE: PENSIONS AND RETIREMENT** 

City of Hollywood's General Employees' Pension Plan Chapter 33 of the City's Ordinances shall be attached when the amendments are incorporated into the Codified Ordinance.

# APPENDIX E SICK LEAVE POOL POLICY

HR-04-060: SICK LEAVE POOL

REVISED DATE: JUNE 1, 2004

LAST REVISION: JANUARY 1, 2001

### PURPOSE:

The purpose of this program is to establish a Sick Leave Pool from which participating employees may receive benefits in cases involving non-work related catastrophic or long-term illnesses or injuries. This program is not intended to supplement or replace the short-term use of sick leave benefits.

### POLICY:

An eligible employee may authorize sick or vacation leave to be charged from his/her accrued leave and transferred to a City-wide Sick Leave Pool account. This transfer is not refundable to the participating employee account, but entitles the employee to participate in certain extended sick leave benefits. This benefit shall not be in conflict with personnel policies relative to the approval of sick leave set forth elsewhere in this manual or in existing labor contracts.

There shall be a Sick Leave Pool Committee comprised of the Director, Human Resources, one member of the Executive Board of AFSCME, Local 2432, and one employee classified under the Professional Pay Plan to administer the Sick Leave Pool. One additional professional staff member of Human Resources shall serve as an ex-officio member of the Committee and will represent the Director, Human Resources his/her absence. The role of the Committee shall be to coordinate the review and approval process of individuals receiving benefits from the Sick Leave Pool. The decision(s) of the Committee affecting all aspects of the program will be final.

### PROCEDURE:

Participation in the Sick Leave Pool shall be voluntary. Regular full-time employees within the General Employee ranks (non-sworn Fire and Police personnel), including all Executive, Management, Professional and Confidential employees, may participate in the Sick Leave Pool after completion of one (1) year of employment with the City as determined by January 1st in the first year of the program and October 1st for every year thereafter in any given calendar year and provided that such employee has a minimum accumulation of 96 hours of sick and/or vacation leave prior to the transfer of any sick or vacation leave to the program.

- A participating employee may be granted Leave from the Pool only after depletion of all personal accrued sick, vacation, and compensatory leave credits. Sick leave withdrawn may only be used for non-work related catastrophic, long-term illnesses or injuries of the participating employees. The participating employee may initially be eligible to receive up to ninety (90) days of leave from the Sick Leave Pool Account. Requests for additional Leave from the Pool are subject to approval by the Committee.
  - Eligible participants must contribute eight (8) hours of accrued sick or vacation leave to the Pool once every twelve (12) months. If the Committee finds that an insufficient amount of Leave exists in the Pool, additional leave requests may be made from all participants. All leave contributed to the Pool shall be removed from the participating employees' leave accounts by the Payroll Office and shall be placed into the Sick Leave Pool Account. Participating employees will be required to reenroll on an annual basis to continue participation in the program. Once enrolled, the requested amount of accumulated sick leave hours will be automatically deducted from the designated leave accounts of participating employees and credited to the Sick Leave Pool Account. Use of the Sick Leave Pool Account will be monitored by Human Resources and the Payroll Division.
    - 4. A participating employee shall be allowed to "donate" to the pool up to eight (8) hours of any unused or unpaid sick or vacation leave from his/her individual leave balances at the time of retirement or at the end of each leave year (September 30th). The ten (10) days of mandatory use of vacation leave by Executive, Management and Professional employees may not be used toward the contribution of time for the Sick Leave Pool.
    - 5. Participation requests shall be made in writing to Human Resources. Prior to authorizing the use of leave from the Pool, the Sick Leave Pool Committee shall require medical certification of the accident, illness, or injury for the individual in which the use of Pool Leave is requested and any other medical information concerning anticipated duration of the condition and outlook for recovery. The official sick leave record of the requesting employee may also be reviewed prior to any authorization of sick leave pool benefits. Such review will be used to determine if an employee has abused his/her sick leave prior to the request of leave from the Pool. All medical records and information shall remain confidential with the Sick Leave Pool Committee.
    - A participating employee who withdraws sick leave hours from the Pool will not be required to replace those hours, except as a regular contributing member of the Pool.
    - 7. Any Leave hours contributed to the Sick Leave Pool will be permanently forfeited to the pool and shall be used exclusively for the purpose of carrying out the Pool's objectives.

- Any sick leave contributed to the Sick Leave Pool by a participating employee shall be forfeited upon the employee's cancellation of membership in the Pool, retirement, or termination from City employment.
- 9. Policy HR-04-071.1 "Unfunded Payroll Deductions" will apply to this type of leave.

### APPENDIX F

### LETTERS OF UNDERSTANDING AND OTHER WRITINGS

DATE:

July 19, 1999

TO

Ralph Dierks, President AFSCME, Local 2432

FROM:

James E. Carnicella

Director, Division of Human Resources

### ISSUE:

Non-Contributory Pension Plan.

### EXPLANATION:

Effective July 1, 1999 the City of Hollywood will no longer offer as an ongoing entitlement to any City employee the Non-Contributory Pension Plan. All employees presently enrolled in the Non-Contributory Plan must enroll in the Contributory Pension Plan by July 1, 1999 as a condition of continued employment.

All benefits accrued by any amployee as a member of the Non-Contributory Plan will be frozen. The vesting rights of employees in the Non-Contributory Plan will not be affected. Any benefits accrued in the Non-Contributory and Contributory Plans will be available in a split manner. The number of years of service in the Non-Contributory and Contributory Plans will be combined. The actual manetary benefits to be paid will be based on the years of service in each plan

The appropriate percentage (1%) or (3%) will be multiplied by the number of years in each plan which combined, will be the monthly pension antitlement.

Effective July 1, 1999 all City employees previously enrolled in the Non-Contributory Plan will be entitled to the benefits of the Contributory Plan except for the above.

For the City of Hallywood

Data /

or AFSCME Local 2420

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# MEMORANDUM OF UNDERSTANDING - AFSCME AND CITY OF HOLLYWOOD

This memorandum is to confirm our recent discussions and agreements to implement the attached Physical Agility test for Marine Safety Officer applicants that pass the written examination. We further agree that the standards which the examination is based on are job related and the time constraints attainable by well conditioned and trained Lifeguards.

This memorandum is in no way a pracedent by either party to establish a past practice. Rather it is the culmination of a team effort to re-institute the testing process at the appropriate difficulty to differentiate among the applicants.

The effective date for this Personnel Action will be the date all

Agreed to on this date

Jack Cassidy, President AFSCHE Local 2432

William Keegan, Jr./ Director, Human Resources Department

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### City of Hollywood and H.M.E. Local 2342, AFSCME

### Memorandum of Understanding

### June 30, 1995

- Changes affecting the terms and conditions of the Code Enforcement Officer assigned to the Hollywood Beach area
- The position will continue to report to the Director, Neighborhood Programs Division, with input and monitoring of work activities by the Community Liaison Officer.
- 2. The position will have access to use whatever City sponsored means of transportation that is available on a regular basis.
- The work schedule for this position shall be four (4) ten (10) hour days in the work week. In keeping with the joint City/Employee agreement, the City may direct the working of Saturdays and Sundays in a flexible and rotation basis for this position.
- The position shall remain officially classified as a Code Enforcement Officer, pay grade 36 but will have the working title of "Beach/Marine Code Officer".
- The position will continue to wear a City uniform consistent with other Code Enforcement personnel, with the understanding of being able to wear applicable shorts while on duty.
- This agreement supercedes the joint City/Employee Letter of Understanding of December 8th, 1995 for this position.
- The City and the Union agree to consult on a continuing basis and monitor the work schedule and any job changes as may be necessary and agreed upon by both parties.

For the City of Hollywood For the Union

Marco Certilli George Keller Natalie Green



# OPEN LETTER TO ALL FULL TIME MARINE SAFETY OFFICERS

This information is endorsed by both A.F.S.C.M.E. local 2432 and Fire Department management.

It is our intent to provide information relating to personnel wishing to take the paramedic course.

1. Class reimbursement will be made after the successful completion of the class and the forwarding of a memo to the Fire Chief's office, on a semester basis, as follows:

Submission of original class tuition receipt,

b. Submission of class grade

1. A = 100%

2. B = 75%

3. C = 50%

- 4. Satisfactory = 1003
- c. Submission of original book receipt after class completion (reimbursed at 100%).

(The above follows the parameters of the Firefighter's contract).

- 2. The Department will allow up to four personnel to attend each course. These personnel will be selected based on seniority, and submission of a formal request through the chain of command. Applications for courses shall be submitted via the chain of command. New enrollments will depend on the availability of funding.
- 3. Once sufficient members have been trained as paramedics, consideration will be given to set up a vehicle on the beach with A.L.S. equipment. This unit will not be a transport unit, but will administer advanced life support to patients at the scene on the beach.
- 4. At this time there can be no additional pay for the completion of this course until it can be negotiated by the Union and City.
- 5. Implementation of a limited A.L.S. service for Beach Safety will take approximately 2 years depending on successful completion of the paramedic course by Beach Safety personnel.

6. Questions concerning this matter should be addressed to your Union representative or Chief Mailliard at 967-4248.

For the Union

L. Lincoln, President

Reegan, Dyrector

Human Resources

For the Department

City Manage



# CITY of HOLLYWOOD, FLORIDA

James Carricella Director

(934) 921-3213

November 2, 1999

Ralph Dierks, President Ralph Dierks, President
AFSCMS, Local 2432
2415 Hollywood Boulevard
Hollywood, FL 33020

Re: Side Letter of Understanding concerning the clarification of the Agreement Concerning the hiring of temporary Building Inspectors and their transition is into Civil Service status.

Dear Mr. Dierks:

On June 27, 1995 the City and the AFSCME Union entered into an agreement concerning the hiring of temporary Building Inspectors and their benefits. Further changes to this agreement were made on December 9, 1996. Section 2 and Section 3 of this agreement were clarified at this time since the probationary period has been changed from one year to six (8) months. All other provisions of this agreement will remain unchanged. On July 27, 1999 changes were made to Section 4 and 5.

Temporary Building Inspectors will be hired at Tier B Step A. They will receive all City benefits afforded other bargaining unit positions except pension.

The following areas of agreement will serve as clarification to the status of temporary full-time Building Inspectors as covered by the above agreement as they progress to Civil Service status,

- Temporary Building Inspectors must compete through the Civil Service testing process and be selected in accordance with the Civil Service Ordinance.
- If chosen for the Civil Service position of Building Inspector, while being employed continuously as a full-time temporary for less than six (6) months, employee will have their vacation and sick leave balances zeroed out and will start over with a new hire date and probationary period as defined for new employees.

DIVISION OF HUMAN RESOURCES / R.O. Box 229045 / Hollywood, Florida 33022-9045 /

"An Equal Opportunity and Service Provider

Raiph Dierks, President November 2, 1999 Page 2

- 3. If chosen for the Civil Service position of Building Inspector, while being employed continuously as a full-time temporary for at least six (6) months, employees will have their vacation and sick leave balances credited to their banks; they will have a new hire date which will be consistent for pension, seniority, and accrual purposes; and, will be eligible for a merit increase six (6) months from their new date of initial hire and annually thereafter.
- 4. An on-call employee filling in for vacation, sick leave or unusual workload needs will be paid \$26.00 an hour as an Inspector, and \$28.00 an hour as a Plan rawleiver, not to exceed 1040 hours in any twelve (12) month period.
- Full-time temporary employees, Robert Greggains, Burton Bedell, Ed Weidlich, and David Groome shall become full-time Civil Service Employees with pension benefits beginning October 1, 1999 without any additional testing.
- 6. This agreement remains in effect until a successor is signed to replace it.

Sincerely

James E. Camicella

Reiph Dierks, President

AFSCME, Local 2432

Finance Director Director, Division of Budget

### CITY OF HOLLYWOOD, FLORIDA INTER-OFFICE MEMORANDUM OFFICE OF HUMAN RESOURCES

DATE:

October 25, 2000

FILE: HR-01-34

TO:

Ralph Dierks

President, AFSCME Local 2432

FROM

James E. Carnicella

Director of Human Resources

SUBJECT:

Letter of Understanding September 19, 2000

### ISSUE:

Clarification of the Understanding.

### EXPLANATION:

After meeting with the employees on October 25, 2000 and discussing our Letter of Understanding dated September 19, 2000, the following is a clarification of the same and an effort to interpret the meaning of several points contained therein:

When an employee decides to retire or enter the DROP lump sum payments for earned unused leave (i.e. vacation, blood, compensatory time, holiday and sick time at the appropriate rate) will be calculated in the employee's final earnings.

### RECOMMENDATION:

For your information and concurrence.

Ralph Dierks

President, AFSCME Local 2432

James E. Carnicella

Director of Human Resources



# CITY of HOLLYWOOD, FLORIDA

Office of Human Resources and Risk Management Room 203

James E. Camicella

Director

(954) 921-3218

May 23, 2001

Mr. Ralph Dierks President, AFSCME, Local 2432 2415 Hollywood Boulevard Hollywood, FL 33020

Dear Ralph:

This letter is to inform you that the City will begin to pay Police Department personnel required to be on "stand-by" such as Telecommunicators I & II, Communication Shift Supervisors and I.D. Technicians in the following manner.

"Stand-by": (the below language shall be administered on a temporary basis and may be discontinued at the City's discretion)

"Stand-by" shall be administered on the following rotation basis:

Job Title	Call Out Schedule
ID Technidan Telecommunicator I Telecommunicator II Communication Shift Supervisor	Two (2) weeks Two (2) weeks Two (2) weeks Two (4) weeks

An employee that is required to be on "stand-by" shall be provided with a pager. Accordingly, the employee shall not be required to remain at home in a constant state of instant readiness to report to work. Such "stand-by" status will not, therefore, be considered as time worked but the employee shall receive an additional four (4) hours regular pay per week while on "stand-by". However, an employee shall receive the appropriate compensation for hours worked as provided for in the collective bargaining agreement. Employees shall not be required to work more than sixteen (16) hours in a twenty-four (24) hour period.

NOTE: "Stand-by" shall not impact voluntary overtime or management rights during an emergency.

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Ralph Dierks, President, AFSCME, Local 2432 May 23, 2001 Page 2

Furthermore, the City will begin to pay "shift differential" to employees that work in departments where a regular twenty-four (24) hour operation exists and in the following manner.

Shift
4-12 midnight
(or when the majority of hours
assigned are between these hours)

Differential Pay \$.30/hour

12 midnight - 8 a.m. (or when the majority of hours assigned are between these hours)

\$.50/hour

Applicable differential pay shall not be adjusted for any hours worked outside of the majority of hours worked on the assigned shift. In other departments within the City where there is no regular twenty-four (24) hour operation, "shift differential" will continue as contained in Article 47 of the Collective Bargaining Agreement.

The above "stand-by" and "shift differential" will be effective May 27, 2001 and continue until the parties negotiate these issues into a successor agreement.

Sincerely,

James E. Camicella

Kenneth R. Fields, Assistant City Manager James Scarberry, Chief of Police Whit Van Cott, Director of Public Utilities Carlos Garcia, Director of Financial Services





# CITY of HOLLYWOOD, FLORIDA

Office of Human Resources and Risk Management Room 203

James E. Camicella Director

(954) 921-1713

May 23, 2001

Mr. Ralph Dierks President, AFSCME, Local 2432 2415 Hollywood Boulevard Hollywood, FL 33020

Dear Ralph:

As a result of issues arising since the City and the Union attempted to develop a Letter of Understanding at the Police Department, the stand-by and shift differential sections of that agreement, dated 3/27/01, will be excluded.

The City will consider all the other sections of the agreement as part of our continuing understanding. Attached is a revised agreement with the above mentioned sections crossed out and a further understanding of the choice essential employees will have in receiving pay for working holidays. If you have any questions, please call me at 921-3218.

Sincerely,

James E. Carnicella

Kenneth R. Fields, Assistant City Manager



### Letter of Understanding AFSCME General Employee Unit

This Letter of Understanding is entered into between the CITY OF HOLLYWOOD and the AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEE'S, LOCAL 2432.

#### Wages

 The pay grade for Telecommunicator I and II and Communication Shift Supervisor shall be adjusted with a five percent (5%) increase effective April 1, 2001 and in addition to any contractually agreed upon increases, the pay grade shall be adjusted with an additional 2.5% increase effective October 1, 2001.

### Trainer

 An employee that is qualified and certified to train and has been designated by the Chief of Police to train new employees shall receive an additional five percent (5%) when assigned for actual hours spent as a trainer. Trainers shall be selected on a rotational basis (using the same method as used for overtime or vacation).

### Probationary Period for Communication Personnel and C.S.O.'s:

- Communications a six (6) month probationary period shall be served and begin after the successful completion of a three (3) month employment and training period for any employee in this class that does not have a minimum of two (2) years comparable communications experience as determined by Human Resources.
- CSO's a six (6) month probationary period shall be served and begin after the CSO has been hired and has successfully completed the Broward County C.S.O. academy.

#### Holldays

- Holiday leave is granted to all employees pursuant to the provisions specified in the Collective Bargaining Agreement, Article 32, Section 1. Employees that have been designated as "essential employees" (i.e. communications personnel) may be requested to work on the holidays identified in the Collective Bargaining Agreement and recognized by the City. "Essential employees" shall be compensated for working on said holidays as provided for in the Collective Bargaining Agreement.
- Those Police Department classifications designated as "essential" and
  assigned to regularly work holidays shall have the option to be paid in
  accordance with the collective bargaining agreement, Article 32, Section 3
  or at the employees request, may receive double time for the regularly



or at the employees request, may receive double time for the regularly scheduled shift for the holiday, (in lieu of a day off).

The employees within the designated classifications, who choose to accept
double time for their regularly scheduled shift on a holiday, must make this
request in writing authorizing the department to pay the employee in lieu of
any time off.

Other

Creation of New Position in the Police Department

 The position of Grant Coordinator shall be created effective April 2, 2001 in the Police Department and it shall be announced on a "closed competitive" basis. The position vacated as a result of filling the Grant Coordinator position shall not be "back filled" at the sole discretion of the City.

This Understanding between the parties will be effective April 15, 2001.

AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEE'S LOCAL, 2432

Ralph Diade

MAY 23, 2001

Date

CITY OF HOLLYWOOD

James E Camicalla

ich a

Date



### LETTER OF UNDERSTANDING BETWEEN THE CITY OF HOLLYWOOD AND AFSCME, LOCAL 2432 REGARDING THE PENSION PLAN

The City of Hollywood and the AFSCME Local 2432 herein after called the "parties" have entered into an agreement regarding the Pension and Pension Plan, Article 18. The parties have agreed to the following, which will be made part of the collective bargaining agreement by reference. The agreement is as follows:

- . The Pension Board will hire a Pension Administrator, paid by the Pension Fund.
- The City will hire an Attorney experienced in Pension Administration, paid by the Pension Fund.
- The City will provide for an off-site office for the Pension Administrator to be paid for out of the Pension Fund.
- All current employees with prior City service not credited to the Pension Plan (e.g. service time in the 1% non-contributory plan; Grant, CETA, BETA or Temporary employment that leads to permanent service, etc...) shall be eligible to buy-back all full-time City service.
  - a) The buy-back for this time shall be made in one or more of the following manners:

Cash/Lump Sum (not mandatory)

2) Reduction of Pension Payments (mandatory)- any amount still due for the buy-back shall result in a reduced pension benefit, plus interest, upon retirement until the buyback amount is paid in full. The reduction shall be from the pension amount based on the years of service already paid back and not to exceed 20%.

b) The member shall pay for the buy-back per the following:

7% contribution per each year of service at the rate paid for each of those years.
 Buy-back fee of 4% for the total balance due will be added to members making a cash/lump sum payment.

3). Buy-back fee of 4% plus 6.5% will be added to any unpaid balances.

- Beginning on their hire date, all employees must contribute to the Plan 7% of their covered salary.
   This amount is made tax-deferred. All employees hired prior to the effective date of this Agreement, shall be given credit for their first six (6) months of service.
- In the event that an employee leaves service before vesting (i.e. having less than a minimum of five (5) years of continuous service), they or their beneficiaries shall receive the employee's contributions plus 4% simple interest.
- Only employees who have continuous credited service of 10 years or more and are age 55 or older, or have 25 years of continuous credited service regardless of age, and retire upon leaving active service will be entitled to continued City health care coverage. Any employee receiving a Duty or Non-duty related disability pension will also be eligible to continued City health care coverage. Individuals having vested and left the service of the City under age 55, shall not receive City health care coverage upon reaching normal retirement.



- To qualify for a Non-duty related disability an employee must be vested (i.e. have at least five (5) years of continuous service). Employees shall receive a pension benefit equal to their accrued benefit, but not less than 20% of their average monthly salary at time of disability.
- Employees who qualify for a Duty and Non-duty related disability will receive a pension benefit
  payable until his/her death or recovery. An employee may select to have this pension benefit paid
  under the "Joint & Equal" or "Joint & Half" optional forms of payment.
- Employees who have received a Duty or Non-duty related disability shall have periodic
  investigations and medical examinations, scheduled as deemed necessary by the Pension Board
  and the City. The City shall pay for all costs related to these screenings.
- For an employee member to qualify to serve and be elected to the Pension Board, he/she must
  have at least six (6) years of continuous credited service. Employee Board Members must attend
  two (2) pension-related seminars within the first year of election to the Pension Board. The Plan
  shall pay for all costs related to these seminars.
- A Retiree may change his/ner survivor from one person to another at any time and have his/ner pension benefit adjusted accordingly.
- When an employee who is vested dies before retirement, his/her designated beneficiary(ies)
  under the Fund shall have the option of receiving the member's contribution to the Fund plus 4%
  simple interest, or benefit payments until death equal to the benefit payments the decessed
  member would have received had ha/she retired on the day of his/her death and selected a "Joint
  & Haif" annuity option.
- Any spouse of a deceased retiree receiving a pension shall continue to receive the same benefit regardless if that spouse remarries.
- Employees may salect one (1) single or multiple beneficiaries/survivors. In the case where
  multiple beneficiaries/survivors are selected, the age of the youngest beneficiary will be used in
  the calculation of benefits.
- For "normal retirement" benefits calculations, lump sum payments for unused leave will be counted in the employee's highest three years of salary (just like it is counted in the DROP calculations) prospectively.
- Disability pension and any worker's compensation benefit cannot exceed 100% of salary at time or retirement. The retires will receive health care benefits for himself/herself and dependent coverage at no cost.

September 19, 2000

es E. Carnicella
For this City

For the Union

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This LETTER OF UNDERSTANDING Is entered into between the CITY OF HOLLYWOOD (hereinafter, the "City"), and LOCAL 2432, AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEES ("AFSCME").

WHEREAS, the City's Strategic Plan for 2005-2008 includes a customer service initiative for computer klosks to be strategically placed throughout the City; and

WHEREAS, these computer klosks will provide employees access to apply for City vacancies online, the City Intranet, City Groupwise system and update personal information for benefits (when the applicable software is installed); and

WHEREAS, employees will be allowed access to computers in strategic locations for the above services during breaks;

NOW, THEREFORE, In consideration of the mutual covenants contained herein, the City and AFSCME Intending to be legally bound, do hereby stipulate and agree as follows:

 The City will install the computer klosks strategically throughout the City for employee usage.

 The City reserves the right to remove the computer klosks at any time and for any reason.

 It is understood and agreed by all parties hereto that this Letter of Understandingls executed based upon the particular circumstances of this case, does not establish a precedent for the resolution of other cases.

APPROVED AS TO FORM AND LEGALITY FOR THE USE AND RELIANCE OF THE CITY OF HOLLYWOOD, FLORIDA, ONLY

DANIEL L. ABBOTT CITY ATTORNEY

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This LETTER OF UNDERSTANDING is entered into between the CITY OF HOLLYWOOD (hereinafter, the 'City'), and LOCAL 2432, AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEES ("AFSCME").

WHEREAS, the Office of Parking Services operates the City's parking garages; and

WHEREAS, during special events the Office of Parking Services has need for additional personnel to staff the pre-cashlering duties at these garages; and

WHEREAS, currently, only Cashiers work special events in the pre-cashlering duty;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the City and AFSCME intending to be legally bound, do hereby stipulate and agree as follows:

Cashiers will be called first for special event; however, should there be inadequate 1. cashlers available, Parking Meter Technicians will be called for special events in order of seniority per the Collective Bargaining Agreement

Parking Meter Technicians are authorized to work special eyents in a pre-

cashlering capacity.

It is understood and agreed by all parties hereto that this Letter of Understanding is executed based upon the particular droumstances of this case, does not establish a precedent for the resolution of other cases.

AGREED TO BY ALL PARTIES TO THIS AGREEMENT,

Effective this 27th day of January

FOR THE CITY

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Himan Rasources

FOR AFSCME

APPROVED AS TO FORM AND LEGALITY FOR THE USE AND RELIANCE OF THE

CITY OF HOLLYWOOD, FLORIDA ONL

DANIEL L. ABBOTT

CITY ATTORNEY

This LETTER OF UNDERSTANDING is entered into between the CITY OF HOLLYWOOD (hereinafter, the "City") and LOCAL 2432, AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEES ("AFSCME").

WHEREAS, as part of the City's vibrant summer recreation and beach safety program, regularly scheduled part-time employees, over the years, have been temporarily assigned seasonal assignments and have been paid assignment pay consistent with the rates of pay and terms and conditions of employment of employees receiving assignment pay under the CBA; and

WHEREAS, seasonal assignments are not positions that are otherwise covered by the collective bargaining agreement; and

WHEREAS, based on this long standing past practice, the parties' agree that Article 53, Section 1 of the Collective Bargaining Agreement ("CBA") requires interpretation and clarification as it relates to regularly scheduled part-time employees receiving Assignment Pay when temporarily assigned to a seasonal position; and

WHEREAS, it is in the best interest of all parties to continue to allow regularly scheduled part-time employees the opportunity to accept seasonal assignments with assignment pay, as described above (subject to the undisputed right to automatically return to their regular bargaining unit positions at the close of the season) while remaining mambers of the bargaining unit with entitlement to all other rates of pay, benefits and terms and conditions of employment which they would have received had they not accepted the seasonal opportunity.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the City, and AFSCME, intending to be legally bound, do hereby stipulate and agree as follows:

- Regularly scheduled part-time employees shall be eligible for sessonal assignments. They shall be paid
  assignment pay consistent with the rates of pay of full time employees receiving assignment pay under the
  CSA when working in the seasonal assignment.
- With the exception of assignment pay as described in 1 above, regularly scheduled part-time employees
  who accept and work seasonal assignments shall be entitled to all rates of pay, benefits and terms and
  conditions of employment which they enjoyed as regularly scheduled part-time employees.
- Regularly scheduled part-time employees who have accepted and worked seasonal assignments shall automatically return to their previous regularly scheduled part-time bargaining unit position assignments at the completion of the seasonal appointment.
- 4. It is understood and agreed by all parties hereto that this Letter of Understanding is executed based upon the particular circumstances of this case and does not establish a precedent for the resolution of other cases.

- Alan Fallik Dal

INTERIM CITY ATTORNEY

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This LETTER OF UNDERSTANDING is entered into between the CITY OF HOLLYWOOD ("City"), and LOCAL 2432, AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEES ("AFSCME").

WHEREAS, the City and AFSCME agree that when a part-time employee accepts a full-time position in a different job classification, the employee must terminate employment as a part-time employee and commence employment in the full time position as a new employee with compensation at the 'A' step of the pay scale of the new job classification; and

WHEREAS, the parties agree to create an exception to the above when a part-time Ocean Lifeguard employee accepts a full-time position Marine Safety Officer position; and

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the City and the AFSCME intending to be legally bound, do hereby stipulate and agree as follows:

Effective May 1, 2008, part-time ocean lifeguards who accept full-time Marine Safety Officer positions will be treated as promoted under the terms of the parties' Collective Bargaining Agreement and shall receive a salary increase identical to all promoted employees under the parties' Collective Bargaining Agreement.

Part-time Ocean Lifeguards who accept full-time Marine Safety Officer positions shall maintain their vacation and holiday accruals earned as Part Time Lifeguards but shall not maintain their seniority. Their new seniority date shall be the first day of their employment as full time Marine Safety Officers and they shall earn employment benefits unless otherwise set forth herein as new employees hired after October 1, 2002.

HUMAN RESOURCES
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In the event that a Part-time Ocean Lifeguard who accepts a full-time Marine Safety Officer position fails to satisfactorily complete probation for reasons of job performance as a Marine Safety Officer and for fails to acquire the mandatory training/licenses which are a prerequisite to maintaining the position within a reasonable period of time after notice provided by the City, the promoted Part-time Ocean Lifeguard shall be offered his former Part-time Ocean Lifeguard position and shall be placed into the same pay step from which he was promoted. He shall also take with him and maintain all vacation and holiday accruals earned with the City and shall also be entitled to all employment benefits of Part-time employees to which he would have been entitled had he/she remained a Part-time Lifeguard pursuant to the parties' Collective Bargaining Agreement.

AGREED TO BY ALL PARTIES TO THIS AGREEMENT,

Effective this / ST day of M47 , 2008

FOR THE CITY

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Director / Human Resources

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Letter of Understanding, Ocean Lifeguard to Marine Safety Officer. Page 2 of 2

& Risk Management

APPROVED AS TO FORM AND LEGALITY FOR THE USE AND RELIANCE OF THE CITY OF HOLLYWOOD, FLORIDA, ONLY

City Attorney



### HOLLYWOOD MUNICIPAL EMPLOYEES, LOCAL 2432

"THE WORKING PEOPLE OF HOLLYWOOD."

2415 HOLLYWOOD BOULEVARD

HOLLYWOOD, FLORIDA 33020

TELEPHONE: 954-922-5119, FAX: 954-922-4252 E-MAIL: AFSCMELocal2432@bellsouth.net

July 6, 2009

Gail Reinfeld Director, Human Resources City of Hollywood P. O. Box 229045 Hollywood, FL 33022-9045

Re: Letter of Understanding Regarding Creation of Public Utilities Rotator Job Title(s)

Dear Ms. Reinfeld:

This is to confirm the Agreement between the City of Hollywood ("Hollywood") and A.F.S.C.M.E. Local 2432 ("Local 2432" or "Union") regarding the creation of the Department of Public Utilities job titles/job descriptions of Plant Operator I – Rotator and Plant Operator I Trainee - Rotator.

- The job titles/job descriptions of Department of Public Utilities Plant Operator I Rotator and Plant Operator I Trainee Rotator shall be created. Attached hereto are the agreed upon job descriptions of Plant Operator I Rotator and Plant Operator I Trainee Rotator. Changes to the job descriptions may be made only upon mutual agreement of the parties.
- There shall be one Plant Operator I Rotator in the Water Plant and one Plant Operator I – Rotator and one Plant Operator I Trainee – Rotator in the Wastewater Plant
- The job titles of Plant Operator I Rotator and Plant Operator I Trainee Rotator shall be included in the bargaining unit, PERC certification No. 151.



- Plant Operator I Rotator shall be placed at Pay Grade 24, 7.5 % higher than the Plant Operator I; and Plant Operator I Trainee – Rotator shall be placed at Pay Grade 22.
- The positions of Plant Operator I Rotator and Plant Operator I Trainee Rotator shall be chosen by Civil Service closed promotional examination;
  and, then via Civil Service open competitive examination.

The City agrees to use its best efforts to fill the above referenced Rotator positions in both the Water and Wastewater Plants.

- 6. In the event that any of the Plant Operator I Rotator or Plant Operator I Trainee Rotator positions is or becomes vacant, the City shall first utilize a certified/licensed Water/ Wastawater employee who desires to fill the position as a Rotator in both the Water and Wastawater Plants dividing time in both Plants; and, second, the City may then utilize a Plant Operator I Trainee on a temporary basis until the vacancy can be permanently filled.
- Piant Operators I shall be given future consideration to either Water or Wastewater upon achieving dual certification/license (both Water and Wastewater).
- No employee shall be assigned by the City or compelled to accept/fill any Rotator position.
- Plant Operator I Rotator and Plant Operator I Trainee Rotator shall be scheduled as follows:
  - a. All Rotators shall be assigned to a two week work schedule, the schedule to be received one week in advance of the commencement of the schedule.
  - b. No Rotator shall be scheduled to work and, pursuant to that schedule, will not work more than sixteen (16) hours in a twenty-four (24) hour period and not more than twenty-four (24) hours in a forty-eight (48) hour period.
  - c. All Rotators shall have two consecutive days off.
  - All Rotators who commence working a scheduled shift shall have the right to work that entire shift.

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- e. This Letter of Understanding specifically regarding Rotators supersedes Article 14 Section 2 "Work Scheduling and Overtime" only insofar as it specifically pertains to the modification of the work schedules of Rotators.
- f. Article 14, Sec. 5 regarding "calling employees to work outside their normal work schedules" shall apply to employees in the Rotator positions only after the Rotator has worked forty (40) hours in the specified work week.
- Article 47 Shift Differential shall not apply to employees in the Rotator positions.
- This Letter of Understanding, in order to be effective, shall be ratified as part of the 2008-2011 Collective Bargaining Agreement.

Please affix your signature to the appropriate signature line indicating the City's agreement.

Sincerely,

Gail Reinfeld

Director of Human Resources

on behalf of the City of Hollywood

Ralph Dierks

President Local 2432, AFSCME

APPROVED AS TO FORM AND LEGALITY
FOR THE USE AND RELIANCE OF THE

CITY OF HOLETYCOD, FLORIDA OHY

CITYATTOGNEY

### PLANT OPERATOR I TRAINEE - ROTATOR

DEPT: Public Utilities

CODE:

PAYGRADE: 22

#### CHARACTERISTICS OF THE CLASS

Under the supervision of a specified departmental supervisor, operates treatment facilities to control flow and processing of water/wastewater, sludge and effluent. The incumbent observes variations in operating conditions and interprets meter and gauge readings and tests results to determine processing requirements. Work is reviewed through observation and written reports for adherence to established policies and work progress.

### **EXAMPLES OF ESSENTIAL FUNCTIONS**

- Works a flexible schedule, which may include a rotating shift based on the known vacation schedule and unanticipated call-outs based on sick leave usage of other employees.
- Monitors, adjusts and records data from gauges, meters, control panel and equipment to ensure proper chemical treatment, pressures and flow rates of the water/wastewater system.
- 3. Maintains shift log and records meter and gauge readings.
- 4. Extracts samples and performs routine laboratory tests and analyses.
- Inspect and clean, if necessary, mechanical equipment in a wastewater treatment plant.
- 6. Performs routine troubleshooting on process equipment.
- 7. Performs related work as required for this position description only.

### REQUIREMENTS

A. Training and Experience:

Water Treatment:

High school diploma or GED and the ability to obtain a Florida certification class "C" license at the first available opportunity.



Plant Operator I Trainez - Rotator -- continued Page 2

Wastewater Treatment:

High school diploma or GED and the ability to obtain a Florida certification class "C" license at the first available opportunity.

Upon attainment of one (1) year experience and "C" license employee will automatically transition to Plant Operator I – Rotator Pay Grade 24.

### B. Knowledge, Abilities and Skill:

Knowledge of basic water/wastewater treatment methods and procedures, sanitary characteristics of water/wastewater and chemicals used in the treatment process.

Knowledge of plant safety precautions.

Skill in the use of a variety of treatment plant equipment including pumps, measuring instruments, valves and laboratory equipment.

Ability to understand and follow oral and written instructions.

Ability to communicate effectively, orally and in writing

Ability to gather and maintain complete and accurate records.



### PLANT OPERATOR I - ROTATOR

DEPT: Public Utilities

CODE:

PAYGRADE: 24

### CHARACTERISTICS OF THE CLASS

Under the supervision of a specified departmental supervisor, operates treatment facilities to control flow and processing of water/wastewater, sludge and effluent. The incumbent observes variations in operating conditions and interprets meter and gauge readings and tests results to determine processing requirements. Work is reviewed through observation and written reports for adherence to established policies and work progress.

### EXAMPLES OF ESSENTIAL FUNCTIONS

- Works a flexible schedule, which may include a rotating shift based on the known vacation schedule and unanticipated call-outs based on sick leave usage of other employees.
- Monitors, adjusts and records data from gauges, meters, control panel and equipment to ensure proper chemical treatment, pressures and flow rates of the water/wastewater system.
- Maintains shift log and records meter and gauge readings.
- Extracts samples and performs routine laboratory tests and analyses.
- Inspect and clean, if necessary, mechanical equipment in a wastewater treatment plant.
- 6. Performs routine troubleshooting on process equipment.
- 7. Performs related work as required for this position description only.

### REQUIREMENTS

A. Training and Experience:

Water Treatment:

High school diploma or GED, supplemented by one (1) year of experience in the field of water treatment or a related area, or an equivalent combination of training and experience. Must possess the ability to obtain a Florida certification class "C" license at the first available opportunity.



### Wastewater Treatment:

High school diploma or GED, supplemented by one (1) year of experience in the field of wastewater treatment or a related area, or an equivalent combination of training and experience. Must possess the ability to obtain a Florida certification class "C" license at the first available opportunity.

### B. Knowledge, Abilities and Skill:

Knowledge of basic water/wastewater treatment methods and procedures, sanitary characteristics of water/wastewater and chemicals used in the treatment process.

Knowledge of plant safety precautions.

Skill in the use of a variety of treatment plant equipment including pumps, measuring instruments, valves and laboratory equipment.

Ability to understand and follow oral and written instructions.

Ability to communicate effectively, orally and in writing.

Ability to gather and maintain complete and accurate records.



### CITY OF HOLLYWOOD, FLORIDA INTEROFFICE MEMORANDUM Office of Human Resources

DATE:

February 8, 1996

FILE: HRP-96-30

TO:

All Department/Office Directors

FROM:

Director, Office of Human Resources

SUBJECT: -Evaluation of Sick Leave Usage, AFSCME Bargaining Unit Employees

### ISSUE:

Evaluation of sick leave usage for AFSCME Bargaining Unit Employees.

### EXPLANATION:

During February's Labor/Management Committee meeting, the issue of evaluating the use of sick leave for AFSCME Bargaining Unit employees was raised by the Union. The major concern was with the apparent inconsistency of performance standards regarding the use of accrued sick leave. It was the consensus of the group, that if an employee does not exceed his/ner annual sick leave accrual, the performance evaluation rating should not be rated as "unsatisfactory" or "needs improvement." Sick leave is a benefit provided to all general employees as stipulated in the AFSCME Bargaining Agreement and therefore, employees should not be penalized if the utilized time is within the yearly accrual limit.

It was further recommended that the use of sick leave be monitored on an incident by incident basis and noted on the employee evaluation form as needed.

### RECOMMENDATION:

Please ensure that performance evaluations for General Bargaining Unit employees adhere to the guidelines affecting the use and accrual of sick leave as referenced above.

Pay & Classification Manager President, AFSCME Local 2432



# CITY of HOLLYWOOD, FLORIDA

### InterOffice Memo

To:

William Keegan, Director, Office of Human Resources

Frem:

Office of Parking Administration

Date:

November 7, 1998

Fia: PK-97-30

Subject

Parking Enforcement via Bicycle

### ISSUE:

Bicycle parking enforcement.

### EXPLANATION:

Fursuant to our telephone conversation on Hovember 7, 1968, this is to advise you that the policy of the Office of Parking Administration as it perfeits to Enforcement Specialists enforcing on bicycles is as follows:

The utilization of bloycles by Enforcement Specialists is strictly on a voluntary basis.

I trust that this explanation meets the need of the Office of Human Resources and the AFSCAIE Union.

### RECOMMENDATION:

Respond as necessary.

Michael'A Mazur

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Luke Lincoln, President, AFSCME Union

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HAWAY NESONDES DIV.

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## CITY OF HOLLYWOOD, FLORIDA INTEROFFICE MEMORANDUM

Office of Human Resources Career Development and Training Division

DATE:

August 2, 2001

TO:

Kenneth R. Fields, Assistant City Manager

VIA:

James E. Carnicella, Human Resources Director

FROM:

Joseph Roglien, Employment & Compensation Manager &

SUBJECT: Benefits for Full-Time Temporary Employees

### ISSUE:

To clarify which benefits full-time temporary employees receive.

Over the past six months, discussion has ensued regarding which benefits to provide newly hired full-time temporary employees of the City. Currently, newly hired full-time temporary employees contribute to the General Employees' Pension Fund upon hire but are not eligible to receive other benefits until after one year of full-time employment.

After re-evaluating the issue, it has been determined that it may be in the City's best interest to provide the same benefits to newly hired full-time temporary employees that regular full-time employees receive (i.e. holidays; vacation; sick leave; health and dental insurance; life insurance). It is our understanding that the costs of these benefits have been budgeted for these positions enabling the implementation of this change in policy.

The exception to this is employees hired for a term that is definitely less than ninety (90) days. Any employee hired for an antidipated duration of less than ninety (90) days will not receive any benefits.

RECOMMENDATION:

C:

Effective from the date this agreement is signed, begin providing newly hired full-time temporary employees with the same benefits that newly hired regular full-time employees receive.

Kenneth R. Fields

Assistant City Manager

Date:

Payrol Coordinator Human Resources Staff Full-Erna-Temporary Employees -2 All IO:



# CITY of HOLLYWOOD, FLORIDA

Office of Human Resources and Risk Management 2600 Hollywood Blvd. • Room 206 • P.O. Box 229045 • Hollywood, Florida 33022-9045 Phone (954) 921-3218 • www.hollywoodfl.org

February 10, 2011

Re: Letter of Understanding Regarding Methodology Used in the Calculation of DROP Account Earnings

Dear Mr. Dierks:

The purpose of this letter is to document and clarify our mutual understanding and agreement regarding the methodology used in the calculation of Deferred Retirement Option Plan ("DROP") Account earnings.

The terms of the agreement are as follows:

# DROP ACCOUNT EARNINGS SHALL BE CALCULATED IN THE FOLLOWING MANNER:

- a. DROP accounts shall accrue earnings at the same rate of return as the net rate of investment return on Plan assets.
- b. DROP earnings shall initially be calculated and posted to the employee's DROP account balance on a quarterly basis.
   Quarter 1: October 1 December 31; Quarter 2: January 1 March 31; Quarter 3: April 1 June 30; Quarter 4: July 1 September 30.

Effective September 30 of each fiscal year, the DROP account's dollar earnings (positive or negative) for each quarter of the fiscal year shall be added together to determine the Annual dollar earnings, which shall then be posted to the DROP account except in the event that the Annual dollar earnings as determined above are less than zero in which case zero (\$0) dollars shall be applied to the DROP account.



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February 10, 2011 Letter of Understanding Re: Methodology Used in the Calculation of DROP Account Earnings Page 2 of 2

Attached hereto and made a part hereof is Attachment I entitled "Illustrations of the Described Method of Interest Calculation on DROP Accounts."

For those members who separate from City employment, the DROP account's dollar earnings (positive or negative) for each complete quarter of the separating fiscal year shall be added together along with earnings through the end of the quarter of separation. The dollar earnings for the incomplete quarter of separation shall be calculated utilizing the rate of return (positive or negative) of the preceding four (4) complete quarters prior to the member's separation.

Attached hereto and made a part hereof is Attachment II entitled "Illustration of Method of Interest Calculation for Members Who Separate from Employment".

Accordingly, no DROP account at the end of any fiscal year or upon separation of City employment shall have a balance less than the dollar amount it contained at the beginning of the fiscal year plus any monthly DROP payments credited/deposited into the DROP Account.

Please affix your signature to the appropriate signature line indicating agreement to this Letter of Understanding.

Sincerely,

Gail Reinfeld

Director, HR & Risk Management

Ralph Dierks

President, Local 2432 AFSCME

APPROVED AS TO FORM AND LEGALITY FOR THE USE AND RELIANCE OF THE CITY OF HOLLY WOOD, FLORIDA, ONLY

BY: Joffier Shuf

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Positive Annual Earnings	Positive Annual Earnings	18	Negative Annual Earnings	Negative Annual Earnings	S WILL	Scenario 3 - Negative Annual ROR with Positive Annual Earnings	io 3 - Negative Annual RO Positive Annual Earnings	OR with
Beginning Balance 1-Oct 1-Oct 1-Dcc Balance	Deposits e \$10,000.00 x1 \$1,000 v \$1,000 c \$13,000.00 e \$13,000.00	Earnings (\$886.00) (\$88.60) (\$59.07) (\$29.53)	FY2011 - Quarter 1 Beginning Balance 1-Oct 1-Nov 1-Dec Balance	\$10,000.00 \$10,000.00 \$1,000 \$1,000 \$1,000 \$1,000 \$13,000.00	Earnings \$325.00 \$32.50 \$21.67 \$10.83	FY2011 - Quarter 1 Beginning Balance 1-Oct 1-Nov 1-Dec Balance Quarter 1	Deposits \$10,000.00 \$1,000 \$1,000 \$13,000.00	Earnings (\$1,000.00) (\$1,000.00) (\$66.67) (\$33.33) (\$1,200.00)
Quarter 2 Beginning Balance 1-Jan 1-Feb 1-Mar Balance	\$11,936.80 \$1,000 \$1,000 \$1,000 \$14,936.80	(\$537.16) (\$45.00) (\$30.00) (\$15.00) (\$627.16)	Quarter 2 Beginning Balance 1-Jan 1-Feb 1-Mar Balance	\$13,390.00 \$1,000 \$1,000 \$1,000 \$16,390.00	(\$602.55) (\$45.00) (\$30.00) (\$15.00)	Quarter 2 Beginning Balance 1-Jan 1-Feb 1-Mar Balance	\$11,800.00 \$1,000 \$1,000 \$1,000 \$14,800.00	(\$531.00) (\$45.00) (\$30.00) (\$15.00) (\$621.00)
Quarter 3  Beginning Balance \$14,309.64  1-Apr \$1,000  1-May \$1,000  1-Jun \$1,000  Balance \$17,309.64  Quarter 3 7.50%	\$14,309.64 \$1,000 \$1,000 \$1,000 \$17,309.64	\$1,073.22 \$75.00 \$50.00 \$25.00 \$1,223.22	Quarter 3 Beginning Balance 1-Apr 1-May 1-Jun Balance Quarter 3	\$15,697.45 \$1,000 \$1,000 \$1,000 \$18,697.45	(\$1,177.31) (\$75.00) (\$50.00) (\$25.00) (\$1,327.31)	Quarter 3 Beginning Balance 1-Apr 1-May 1-Jun Balance Quarter 3	\$14,178 \$1, \$1, \$1, \$1, \$1,	\$815.29 \$57.50 \$38.33 \$19.17
Quarter 4 Beginning Balance 1-Jul 1-Aug 1-Sep Balance Quarter 4	\$18,532.86 \$1,000 \$1,000 \$1,000 \$21,532.86 8.25%	\$1,528.96 \$82.50 \$55.00 \$27.50	Quarter 4 Beginning Balance 1-Jul 1-Aug 1-Sep Balance Quarter 4	\$17,370.14 \$1,000 \$1,000 \$1,000 \$20,370.14 5.25%	\$911.93 \$52.50 \$35.00 \$17.50 \$1,016.93	Quarter 4 Beginning Balance 1-Jul 1-Aug 1-Sep Balance	\$18,109.29 \$1,000 \$1,000 \$1,000 \$21,109.29 6.15%	\$1,113.72 \$61.50 \$41.00 \$20.50
Ending Balance	\$23,226.82		Ending Balance	\$21,387.07				
"Earnings" Quarter 1 Quarter 2 Quarter 3 Quarter 4 Total FY2011	(\$1,063.20) (\$627.16) \$1,223.22 \$1,693.96		"Earnings" Quarter 1 Quarter 2 Quarter 3 Quarter 4 Total FY2011	\$390.00 (\$692.55) (\$1,327.31) \$1,016.93 (\$612.93)		"Earnings" Quarter 1 Quarter 2 Quarter 3 Quarter 4 Total FY2011	(\$1,200.00) (\$621.00) \$930.29 \$1,236.72 \$346.01	
Balance 9/30/10 Deposits Total "Earnings" Balance 9/30/2011	\$10,000.00 \$12,000.00 \$1,226.82 \$23,226.82		Balance 9/30/10 Deposits Total "Earnings" Balance 9/30/2011	\$10,000.00 \$12,000.00 \$0.00 \$22,000.00		Balance 9/30/10 Deposits Total "Earnings" Balance 9/30/2011	\$10,000.00 \$12,000.00 \$346.01 \$22,346.01	-



TION FOR MEMBERS WHO SEPARATE FROM EMPLOYMENT ario 2 - Member who Separates from Employment ATT "HMENT II: ILLUSTRATION OF METHOD OF INTEREST CALCU 1 - Member who Separates from Employment on May 19 with Positive Annual Earnings

Earnings (\$650.73) (\$780.87) (\$244.20)(\$43.38) (\$263.68)(\$65.07) \$21.69) (\$15.74) \$295.76 (\$3.74) \$254.16 \$20.80 \$13.87 \$6.93 on May 19 with Negative Annual Earnings -11,1146% -6.5073% 2.0800% (\$780.88)(\$748.79) \$10,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$13,000.00 512,219.13 \$1,000.00 \$1,000.00 \$1,000.00 \$15,219.13 \$15,514.89 \$612.90 \$17,127.79 (\$263.68)\$1,000.00 \$295.76 \$0.00 \$16,864.11 \$10,000.00 \$7,612.90 \$17,612.90 Deposits 1-0ct 1-Dec 1-Jan 1-Feb 1-Apr 1-May 1-Nov Balance 1-Mar Balance Balance 4/1/2011-3/31/2012 ROR: Quarter 2 Quarter 1 FY2011 - Quarter 1 Beginning Balance Beginning Balance Beginning Balance Total FY2011 Quarter 2 Quarter 3 "Earnings" Quarter 2 Quarter 3 Quarter 1 Balance 5/19/2011 Total "Earnings" Ending Balance Balance 9/30/10 DROP Deposits Earnings (\$650.73) \$780.87) \$1,149.18 \$43.38) \$21.69) \$987.54 (\$65.07) \$174.39 \$187.58 \$53.88 \$26.94 \$80.82 \$10.65 \$2.53 -6.5073% 8.0819% 8.2315% \$10,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$13,000.00 \$12,219.13 \$1,000.00 \$1,000.00 \$1,000.00 \$15,219.13 \$16,368.31 \$612.90 (\$780.87)\$1,000.00 \$17,981.21 \$18,168.79 \$1,149.18 \$187.58 \$555.89 \$10,000.00 \$7,612.90 \$555.89 \$18,168.79 Deposits 1-0ct 1-Nov 1-Jan 1-Feb 1-Dec Balance 1-Apr 1-May Quarter 1 1-Mar Balance Balance 4/1/2011-3/31/2012 ROR: Quarter 2 FY2011 - Quarter 1 Beginning Balance Beginning Balance Beginning Balance Quarter 2 Total FY2011 "Earnings" Quarter 3 Quarter 1 Quarter 2 Quarter 3 Balance 5/19/2011 Total "Earnings" Ending Balance Balance 9/30/10 DROP Deposits

\* These precise earnings are calculated using a complex mathematical formula not reflected in this illustration.



### **GRIEVANCE SETTLEMENT**

This **GRIEVANCE SETTLEMENT** is entered into between the CITY OF HOLLYWOOD ("City") and LOCAL 2432, AMERICAN FEDERATION OF STATE, COUNTY AND MUNICIPAL EMPLOYEES ("AFSCME" or "Union")

WHEREAS, there is presently a dispute between the City and Local 2432 arising out of the parties' Collective Bargaining Agreement regarding the interest to be paid on accounts of employees participating in the Deferred Retirement Option Plan ("DROP" or "Plan");

WHEREAS, the City's position is that the accounts of DROP employees are subject to losing principal based upon the investment rate of return of the City of Hollywood Employees' Retirement Fund pursuant to the parties' Collective Bargaining Agreement ("CBA");

WHEREAS, the Union's position is that the accounts of DROP employees earn interest and are not subject to losing principal based upon the investment rate of return of the City of Hollywood Employees' Retirement Fund ("Fund") pursuant to the parties' CBA;

WHEREAS, the Union filed a grievance regarding the instant dispute and the case is presently pending arbitration;

WHEREAS, the parties recognize that resolution of this grievance in a manner favorable to their respective interests cannot be reasonably predicted and that further administrative action will require the expenditure of significant funds and resources by all parties;

WHEREAS, the parties, pursuant to the CBA, are desirous of finally and amicably resolving this matter in lieu of further administrative action regarding this grievance; and

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the City and AFSCME, intending to be legally bound, do hereby stipulate and agree as follows:

- DROP account earnings shall be calculated in the following manner:
  - a. DROP accounts shall accrue earnings at the same rate of return as the net rate of investment return on Plan assets.
  - b. DROP earnings shall initially be calculated and posted to the employee's DROP account balance on a quarterly basis Quarter 1: October 1 – December 31; Quarter 2:



January 1- March 31; Quarter 3: April1-June 30; Quarter 4: July 1-September 30.

Effective September 30 of each fiscal year, the DROP account's dollar earnings (positive or negative) for each quarter of the fiscal year shall be added together to determine the Annual dollar earnings, which shall then be posted to the DROP account except in the event that the Annual dollar earnings as determined above are less than zero in which case zero (\$0) dollars shall be applied to the DROP account.

Accordingly, no DROP account at the end of any fiscal year or upon separation of City employment shall have a balance less than the dollar amount it contained at the beginning of the fiscal year plus any monthly DROP payments credited/deposited into the DROP account.

Attached hereto and made a part hereof is Attachment I entitled "Illustrations of Described Method of Interest Calculation on DROP Account."

- Upon execution of this Grievance Settlement, the parties agree to enter into a Letter of Understanding clarifying/reflecting the calculation of DROP Account earnings set forth in Paragraph 1, above, including the "Illustrations of the Method of Interest Calculation on DROP Account contained in said Paragraph, Paragraph 1".
- 3. The City agrees to pay the aggregate sum of \$24,000 to employees who held non-guaranteed DROP accounts on September 30, 2008. The aggregate sum of money shall be credited/deposited to the employees DROP accounts on a proportionate basis based upon the percentage of monies in each employee's non-guaranteed DROP account on September 30, 2008 in relation to the total of DROP monies in all non-guaranteed accounts on September 30, 2008.
- The City agrees not to seek reimbursement of any monies and to waive any rights it may possess to seek reimbursement of monies from any employee who maintained a DROP account on or after November 2008 arising out of a miscalculation of earnings from November



DROP Earnings Grievance Settlement Page 3 of 3

2008 through the date of implementation of the DROP Account earnings method set forth in Section 1, above, by the Plan Trustees.

4. The Union shall withdraw the grievance in this case with prejudice.

### AGREED TO BY ALL PARTIES TO THIS AGREEMENT.

Effective this 10th day of FERRUARY, 2011

Cameron Benson

City Manager

OR THE/CIT

FOR AFSCME

Ralph Dierks

President

Date

APPROVED AS TO FORM AND LEGALITY FOR THE USE AND RELIANCE OF THE CITY OF HOLLYWOOD, FLORIDA, ONLY

BY:

TTORNEY

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# ATTACHMENT I: ILLUSTRATIONS OF THE DESCRIBED M? HOD OF INTEREST CALCULATION ON DROP ACCOUNTS

Positive Annual Earnings	al Earnings		Negative An	Negative Annual Earnings		Positive Annual Earnings	Positive Annual Earnings	s
FY2011 - Quarter 1 Deposits Beginning Balance \$10,000.00	Deposits \$10,000.00	Earnings (\$886.00)	FY2011 - Quarter 1 Beginning Balance	Deposits \$10,000.00	£325.00	FY2011 - Quarter 1 Beginning Balance	S10 000 00	Earnings
1-Oct	\$1,000	(\$88.60)	1-Oct		\$32.50	1-Oct		(\$100.00)
1-Nov	\$1,000	(\$59.07)	1-Nov		\$21.67	1-Nov		(\$66.67)
	\$1,000	(\$29.53)	1-Dec		\$10.83	1-Dec		(\$33.33)
Salance & Quarter 1	\$13,000.00 -8.86%	(\$1,063.20)	Balance Quarter 1	3.25%	\$390.00	Balance Quarter 1	\$13,000.00	(\$1,200.00)
Quarter 2 Beginning Balance \$11,936.80	11,936.80	(\$537.16)	Quarter 2 Beginning Balance	\$13,390.00	(\$602.55)	Quarter 2 Beginning Balance	\$11,800.00	(\$531.00)
1-Jan	\$1,000	(\$45.00)	1-Jan		(\$45.00)	1-Jan		(\$45.00)
1-Mar	\$1,000	(\$30.00)	1-Mar	\$1,000	(\$30.00)	1-Feb	\$1,000	(\$30.00)
Balance \$' Quarter 2	\$14,936.80	(\$627.16)	Balance Quarter 2	\$16	(\$692.55)	Balance Quarter 2	\$14	(\$621.00)
Quarter 3 Beginning Balance \$1	\$14,309.64	\$1,073.22	Quarter 3 Beginning Balance	\$15,697,45	(\$1,177.31)	Quarter 3 Beginning Balance	\$14.179.00	\$815.29
1-Apr	\$1,000	\$75.00	1-Apr		(\$75.00)	1-Apr		\$57.50
1-May	\$1,000	\$50.00	1-May		(\$50.00)	1-May		\$38.33
Balance \$1	\$17,309.64	\$25.00	Balance	\$18,697,45	(973.00)	1-Jun Balance	\$17.179.00	71.814
	7.50%	\$1,223.22	Quarter 3	-7.50%	(\$1,327.31)	Quarter 3		\$930.29
Quarter 4 Beginning Balance \$1	\$18,532.86	\$1,528.96	Quarter 4 Beginning Balance	\$17,370.14	\$911.93	Quarter 4 Beginning Balance	\$18,109.29	\$1,113.72
1-Aug	\$1,000	\$55.00	1-Aug		\$35.00	1-Aug		\$41.00
Balance \$2	\$21,532.86	\$27.50 \$1.693.96	Balance Cuarter 4	\$20,370.14	\$17.50	1-Sep Balance Ouarter 4	\$21,109.29	\$20.50
			Ending Balance	\$21,387.07		Ending Balance	\$22,3	
"Earnings" Quarter 1 Quarter 2 Quarter 3 Quarter 4 \$ Total FY2011	\$1,063.20) (\$627.16) \$1,223.22 \$1,693.96 \$1,226.82		"Earnings" Quarter 1 Quarter 2 Quarter 3 Quarter 4 Total FY2011	\$390.00 (\$692.55) (\$1,327.31) \$1,016.93 (\$612.93)		"Earnings" Quarter 1 Quarter 2 Quarter 3 Quarter 4 Total FY2011	(\$1,200.00) (\$621.00) \$930.29 \$1,236.72 \$346.01	
Balance 9/30/10 \$1 Deposits \$1 Total "Earnings" \$ Balance 9/30/2011 \$22	\$10,000.00 \$12,000.00 \$1,226.82 \$23,226.82		Balance 9/30/10 Deposits Total "Earnings" Balance 9/30/2011	\$12,000.00 \$12,000.00 \$0.00 \$22,000.00		Balance 9/30/10 Deposits Total "Earnings" Balance 9/30/2011	\$10,000.00 \$12,000.00 \$346.01 \$22,346.01	



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