

80. **Structural Steel in Core Wall.**—The structural steel shall conform in all respects to the Standard Specifications for Structural Steel for Buildings, Serial Designation A 9-24, of the American Society for Testing Material. The contractor shall provide, at his own expense, the necessary test pieces and shall notify the engineer or his representatives when these pieces are ready for testing. All test bars or test pieces shall be so marked as to indicate clearly the material they represent and shall be properly boxed and prepared for shipment as directed by the engineer. Physical tests and chemical analysis of material may be made by the City of San Diego at its own expense, or they may be made at the plant by the contractor or his employees acting under the direction of the engineer or his representative. Certified tests may, at the option of the engineer, be accepted in lieu of the above-mentioned tests.

The structural steel reinforcement in core wall shall be drilled, bolted and riveted as shown on the drawings or directed by the engineer. Payment for structural steel in place in the work will be made at the unit price bid which shall include the cost of all material, hauling, storing, cutting, drilling, riveting, bolting, placing, erecting and cleaning.

81. **Preparation of Foundation.**—The surfaces of the rock foundation shall be left sufficiently rough to bond adequately with the concrete. The foundations, before placing concrete, shall be thoroughly cleaned of all earth, gravel, loose fragments of rock, and disintegrated and fissured rock and other objectionable substances, as directed by the engineer, and shall be thoroughly washed with water under adequate pressure and scraped with metal tools to insure complete cleaning. Springs of water, if encountered, shall be piped and carried outside the concrete or grouted or both, as directed by the engineer. Before placing concrete on or against any foundation, all water shall be removed from all depressions. Seams or cavities occurring in foundation on or against which concrete is to be placed shall be thoroughly cleaned out and filled with concrete or mortar well rammed into place, as directed by the engineer. Wherever strata of earth or other undesirable material, which are liable to decompose, are encountered, it shall be mined out to the extent directed by the engineer. The spaces occupied by the strata and the drifts shall be thoroughly cleaned and filled with concrete or mortar well rammed into place as directed by the engineer. Wherever required by the engineer grout under pressure shall be pumped into seams and cavities. The cost of preparation of foundation and/or trimming for concrete shall be included in the unit prices bid for concrete.

82. **Foundation Pit Water Control.**—The elevation of the water in the foundation pits for concrete work shall be kept at all times under control by the contractor so that no water will be in contact with the concrete until it is a least 48 hours old and no pressure shall be allowed against it until it is at least seven days old.

83. **Contraction Joints.**—Wherever shown on the drawings, or directed by the engineer, vertical contraction joints or horizontal construction joints, formed of concrete and built against forms, shall be built as directed. No vertical construction joints shall be made except in accordance with these details or as directed by the engineer. The entire face of each vertical contraction joint shall be painted with one coat of water-gas tar paint before the adjacent concrete is placed against it. The edges of all contraction joints shall be chamfered one and one-half inch. All costs in connection with contraction joints shall be included in the unit prices bid for concrete.

84. **Copper Water Stop.**—At the vertical contraction joints or horizontal construction joints, where shown on the drawings or directed by the engineer, copper water stops, consisting of 20-gauge annealed copper sheets as shown on the drawings or as prescribed by the engineer shall be placed. The copper water stops shall form a continuous water-tight diaphragm running from the bottom to the top of each vertical or horizontal joint. The sheets formed into copper water stops shall be joined together by brazing with brass spelter. The contractor may lap and rivet the water stops with copper rivets and thoroughly sweat the lap in the sheets together with solder. The unit price bid for copper water stops shall include all materials, supplies, furnishing and installing copper water stop complete in place.

85. **Construction Joints.**—The top of the concrete under construction shall be kept at all times about level between contraction joints or such other limits as required. Wherever shown on the drawings or where directed by the engineer, construction joints shall be provided in a manner satisfactory to the engineer. All costs in connection with the construction joints shall be included in the unit prices bid for concrete.

86. **Bonding.**—The surface of concrete shall be kept free from deleterious matter and shall be thoroughly cleaned by the use of jets of water and compressed air, both under relatively high pressure, and metal brushes or other approved methods before pouring new concrete thereon. The surface of concrete, wherever required by the engineer, shall be flushed with cement grout immediately before depositing new concrete. All costs in connection with bonding shall be included in unit prices bid for concrete.

87. **Concrete to Be Kept Moist.**—Concrete shall be protected from the direct rays of the sun and be kept moist for at least two weeks or until covered, and the cost thereof shall be included in the unit prices bid for concrete.

88. **Protection of Concrete.**—Until a sufficient time has elapsed for the setting of the concrete it will not be permitted to erect derricks or other machinery upon the surfaces of the concrete, nor to build forms thereon, nor to land or store heavy objects on such surfaces. Faces of the spillway, outlet tower, tunnels and all other portions of masonry, which are to be permanently exposed to view, shall be effectively protected from injury or disfigurement or abrasion or the falling of rock, tools, mortar or other objects until the completion of the work. All damage to the concrete shall be repaired by the contractor at his expense and to the satisfaction of the engineer, and shall be included in the unit prices bid for concrete.

89. **Building Metal Into Concrete.**—There shall be built into or set in or attached to the concrete where directed by the engineer, appurtenances, valves, pipes, steel covers, frames, and manhole covers, wall anchors, bolts, metal strips, bronze supports, and bolts, or other metal objects shown on the drawings, or as directed by the engineer. Subject to the approval of the engineer, recesses, holes, or projections necessary for appurtenances may be left or made in the concrete. All necessary precaution shall be taken to prevent appurtenances from being displaced, broken, or deformed. Rich concrete or mortar shall be packed tightly around pipes and other metal work so as to prevent leakage and secure perfect adhesion. All costs in connection with building metal into concrete shall be included in the respective unit prices bid. Placing metal work not furnished by the contractor will be paid for at the unit price bid.

90. **Inspection and Drainage Galleries.**—Where shown on the drawings or where directed by the engineer, inspection and drainage galleries and wells and holes shall be left in the concrete. The galleries and holes shall be protected during construction to prevent the entry of concrete, grout or rubbish.

91. **Measurement of Concrete.**—Concrete will be measured for payment to the neat lines shown on the drawings or prescribed by the engineer. No payment for cement or concrete will be made for concrete outside the prescribed lines, and in case any cavities resulting from careless excavation are required to be filled with concrete, it shall be done at the contractor's expense. In computing the volume of concrete in the structures for payment the volume of the space in the inspection and drainage galleries, wells and holes, will not be included.

92. **Basis of Payment.**—Concrete will be paid for at the respective prices bid for mass concrete and reinforced concrete per cubic yard in place. The quantities of mass concrete and reinforced concrete to be paid for under these specifications shall be the actual quantity in cubic yards deposited in place within designated limits in accordance with the drawings or as prescribed by the engineer.

93. **Payment For Concrete.**—Payment for concrete will be made at the unit prices bid, which shall include the cost of all power and machinery and labor and materials involved in quarrying, excavating, hauling, crushing, and screening rock; hauling, crushing, screening and washing sand, and mixing and placing concrete, preparing foundations, providing and removing landing platforms, centers, forms, moulds, finishing, curing, coloring and protecting surfaces and shall include the cost of all other labor and materials entering into the construction of concrete, except cement and steel reinforcement which will be paid for as separate items.

94. **Concrete in Overflow Spillway.**—The overflow spillway shall be constructed to the grades and dimensions shown on the drawings or prescribed by the engineer. Care shall be taken in placing the concrete floor lining to properly prepare the base and to use concrete of such consistency as will give a smooth surface finish after screeding and rodding. Where directed by the engineer contraction joints shall be provided in a manner satisfactory to the engineer. Retaining walls or wall lining shown on the drawings or prescribed by the engineer shall be constructed where directed. The floor and side wall lining shall be securely anchored to the bedrock as indicated on the drawings or directed by the engineer, with bars grouted with cement into holes drilled in the rock. Where the section is excavated to greater dimensions than specified or directed, the cavities shall be carefully and solidly backfilled with concrete at the contractor's expense and in a manner satisfactory to the engineer. Concrete will be measured for payment to the lines shown on the plans or prescribed by the engineer. Payment will be made at the respective unit prices bid which shall include the cost of all labor and materials, drilling anchor holes and setting and grouting of anchors, excepting cement and reinforcing steel which will be paid for as separate items.

95. **Concrete in Main Core Wall.**—The main cutoff and core wall in the dam shall be constructed to the lines and grades and in the manner specified, or as directed by the engineer. The contractor shall take every precaution to thoroughly spade the concrete into the forms and around reinforcing and structural steel so as to prevent any voids. The structural and reinforcing steel shall be properly placed and tied together. Before placing concrete in succeeding lifts, all laitance shall be removed and every precaution taken to have a watertight joint. The construction of the core wall shall at all times be kept ahead of the hydraulic fill or rock embankment. Contraction joints shall be placed only where directed by the engineer. Concrete in the core wall in excavation, where not formed, will be measured for payment to the lines established by the engineer. Concrete where formed will be measured for payment to the lines shown on the drawings or prescribed by the engineer. Payment will be made at the unit prices bid which shall include

the cost of all labor and materials and operations, excepting cement, structural steel, and reinforcing steel which will be paid for as separate items.

96. **Concrete in Cutoff Walls Under Spillway.**—Concrete shall be placed in the cutoff walls under the spillways so that it completely fills the trench, and in a manner satisfactory to the engineer. Measurement will be made to the lines and grades established by the engineer. Payment will be made at the unit price bid which shall include the cost of all labor and materials, excepting cement and reinforcing steel which will be paid for as separate items.

97. **Concrete in Retaining Walls and Drains at Toes of Dam.**—The retaining walls at the toes of the dam and the large drains shall be constructed to the dimensions shown on the drawings or prescribed by the engineer. Payment will be made at the unit prices bid, which shall include the cost of all labor and materials excepting cement and reinforcing steel which will be paid for as separate items.

98. **Concrete in Outlet Tower.**—The outlet tower shall be constructed according to the drawings and/or as directed by the engineer. The exact location of the outlet tower will be determined by the engineer when further data are available. The lower portion will require special construction in order not to obstruct the outlet tunnel. The method of closure shall be subject to the engineer's approval, and the contractor shall make such other provisions as the engineer may deem essential to the work. Concrete will be measured for payment to the lines shown on the drawings or directed by the engineer. Payment will be made at the unit price bid which shall include the cost of all necessary labor and materials excepting cement and reinforcing steel which will be paid for as separate items.

99. **Concrete Classification.**—Concrete will be classified for payment as follows:
- Class 1. Mass concrete in ogee overflow spillway section, outlet tower footing and/or elsewhere.
 - Class 2. Concrete in spillway side lining and retaining walls.
 - Class 3. Concrete in spillway floor lining.
 - Class 4. Concrete in unformed portion of main core wall.
 - Class 5. Concrete in formed portion of main core wall.
 - Class 6. Concrete in cutoff walls under spillway.
 - Class 7. Concrete in outlet tower.
 - Class 8. Concrete in retaining walls upstream and downstream toes of dam.
 - Class 9. Concrete in drains at toe of dam.
 - Class 10. Concrete in tunnel lining and cut and cover section excepting tunnel floor.
 - Class 11. Concrete in tunnel floor excepting floor of approach and outlet.
 - Class 12. Concrete in floor of tunnel approach and outlet.
 - Class 13. Concrete in retaining, guide and cutoff walls of tunnel approach and outlet.
 - Class 14. Concrete in tunnel plugs.
 - Class 15. Concrete in pipe embedment in tunnel.

100. **Cement Mortar.**—Where and as required by the engineer rock shall be laid up in cement mortar. The mortar will be paid for at the unit price bid which shall include the cost of selecting, shaping and laying up, and all labor and materials required, complete in place excepting the cement and rock will be paid for as separate items at the respective unit prices bid. Where cement mortar is used for all other purposes such as pouring into interstices in rock or crevices, payment will only be made for cement.

TUNNEL

UNDER THIS HEAD IS INCLUDED THE CONSTRUCTION OF DIVERSION AND OUTLET TUNNEL FOR THE EL CAPITAN RESERVOIR DAM.

101. **Excavation.**—A tunnel for the diversion and control of the river during construction and to serve as the outlet tunnel when the dam is completed shall be excavated as shown on the drawings or directed by the engineer. Excavation for the tunnel proper shall be made according to the drawings on lines and grades established and/or directions given by the engineer. Tunnel excavation shall be unclassified and the unit price bid therefor per cubic yard of tunnel excavation shall include all operations connected with making the excavation, removing the materials encountered, and preparing the tunnel bore for succeeding operations. Open cut excavation and excavation for cutoff walls for the approach and outlet ends will be classified under Class 1 or 2 excavation. The contractor shall use every reasonable precaution to avoid excavating beyond the outside neat lines of the required concrete lining. All drilling and blasting shall be carefully and skillfully done so as not to shatter the material outside of the neat lines. Any blasting injurious to the work will not be permitted, and any damage done to the work as the result of blasting or other operations shall be repaired in a manner satisfactory to the engineer. No projecting rock or permanent timbering shall encroach closer than eight inches to the face of the finished surface of the concrete lining. Excavation will be measured for payment to the dimensions excavated with the following limitations:

(a) Where permanent timbering is not required, payment will be limited to a section the area of which does not exceed the area of the net inside section of the tunnel or shaft plus such thickness of lining as directed by the engineer.

(b) When permanent timbering is required payment will be limited to the smallest average section which will permit the setting of timbers in such a position that they will have the minimum required covering of concrete as directed by the engineer.

Payment will be made at the unit price bid in the schedule for Class 5 excavation.

102. **Lines and Grades.**—The contractor shall drill holes and furnish such forms, spikes, nails, troughs for plumb-bob lines, light, etc., and such necessary material or assistance as may be required by the engineer in giving lines and grades, and the engineer's marks shall be carefully preserved. Work shall be suspended for such reasonable time as the engineer may require to transfer lines and to mark points for line and grade, and the expense to the contractor in so doing, if any, shall be included in the unit prices bid for tunnel excavation.

103. **Adits and Shafts.**—Excepting for the shaft necessary for outlet tower, no adits or shafts will be permitted. The sides and the arch of the tunnel lining situated immediately beneath or opposite the opening of the outlet tower shaft shall be increased to such suitable thickness as the engineer may prescribe.

104. **Disposal of Materials.**—The contractor shall dispose of all excavated materials in the dam or where directed by the engineer and such disposal shall be included in the unit price bid for excavation. All spoil banks shall be located where they will not interfere with the construction for the dam, spillway, or appurtenant works. Should it be necessary to provide spoil bank space outside of City owned right of way or property the contractor shall make necessary arrangements therefor subject to the engineer's approval, and any expense connected therewith shall be included in the unit price bid for tunnel excavation. Where required by the engineer, spoil banks shall be leveled and trimmed to reasonably regular lines. The cost of this work shall be included in the unit price bid for tunnel excavation.

105. **Timbering.**—Suitable timbering, including lagging and wedges shall be used wherever necessary to support the tunnel roof and sides and the vertical sides of the shaft. All timbering shall consist of well-seasoned sound timber of rectangular cross-section. Where side supports are not required for the tunnel the roof may be supported by timber arches, benched into the side walls. Timber left in place shall be framed in such manner as not to weaken the concrete lining. Nothing herein contained shall prevent the contractor from placing such additional temporary timbering as he may deem necessary and make such additional excavation as may be required thereby. The cost of such excavation and timbering shall be at the contractor's expense. Nothing herein shall relieve the contractor from sole and full responsibility for the safety of the tunnel and for damage to persons or property. All lumber for timbering shall be furnished by the contractor and shall be cut and framed by him at his expense. All cost of timbering shall be included in the unit price in the schedule for tunnel excavation.

106. **Overbreakage.**—The contractor shall hold the excavation close to neat lines of tunnel section shown on the drawings or directed by the engineer. Should overbreakage occur beyond the outside neat lines of the tunnel or outlet tower shaft section, the contractor shall make the entire replacement at his own expense by guniting or otherwise concreting the excess space, except that cement will be allowed and paid for where such overbreakage in any one space is less than four cubic feet in volume. Allowed overbreak-

age shall not be less than one foot in depth beyond the excavation line directed by the engineer. Where overbreakage is greater than four cubic feet in any one space the engineer will make deduction of cement, in the then current monthly estimate, at the rate of one sack of cement to each five cubic feet of excess space beyond the neat outside lines of the tunnel section.

107. **Concrete—General.**—All concrete work in the tunnel shall comply with the general specifications under "Concrete."

108. **Concrete Lining.**—The diversion and outlet tunnel shall be lined throughout with concrete of the thickness shown on the drawings or prescribed by the engineer. The concrete in the cut and cover section of the tunnel shall be built to the dimensions shown on the drawing or prescribed by the engineer. All temporary timbering required in the construction of the diversion and outlet tunnel and outlet tower shaft shall be removed prior to the placing of the concrete lining, or while the concrete is being placed and before the concrete takes its initial set. In the event any condition arises or materials are encountered in the construction of any portion of the tunnel or shaft which, in the opinion of the engineer, requires that permanent support be left in place after the concrete is placed, or require methods of construction differing from those ordinarily used in tunnel construction not requiring permanent timbering, the method of construction shall be subject to the approval of the engineer. Such work shall be included in the unit price bid for concrete tunnel lining. Concrete in the diversion and outlet tunnel, and cut and cover section of tunnel, and tower shaft lining will be measured for payment to the actual outside lines of the tunnel and shaft excavation based on designated thickness of lining, provided however, that any excess excavation over designated thickness of lining and allowed overbreakage shall be filled with concrete by the contractor at his own expense. Payment will be made at the unit price bid for concrete in the tunnel lining.

109. **Reinforcing Steel.**—The contractor shall furnish and install in place complete at the unit price bid therefor all reinforcing steel bars, fabric or mesh required in the tunnels or as directed by the engineer. In general, the shape, size, dimensions and positions of reinforcing materials are shown on the drawings, but where not shown they shall be in all respects as specified by the engineer who will, if necessary, furnish information for cutting, bending, overlapping, welding, tying, and placing the bars or mesh, or the contractor shall submit for approval such drawings as may be required. The steel used for reinforcement shall be so secured in position that it will not be displaced during concreting and special care shall be exercised to prevent any disturbance of the steel. Only steel shown on the drawings or directed by the engineer to be placed will be measured for payment. Payment will be made at the unit price bid which shall include the cost of the steel, tie wire, and all other necessary materials and operations.

110. **Forms and Finish.**—The contractor shall provide approved metal forms or metal covered forms for the inside lining of the outlet tunnel. Immediately after removal of the forms all voids in the face of the lining shall be plastered with a mix approved by the engineer. Because of the high velocities of water possible it is required that unusual precaution be taken to have an exceptionally smooth finish. Immediately after the removal of forms the surface of the concrete lining, except in the keyways hereinafter specified, shall be rubbed with a carborundum stone of suitable fineness to remove all projections and rough places to the satisfaction of the engineer.

111. **Curing.**—The concrete lining shall be kept damp for at least ten days after placing.

112. **Tunnel Floor.**—The contractor shall construct, in accordance with the drawings, or as prescribed by the engineer, a concrete floor throughout the entire length of the tunnel. The composition, reinforcing materials, and other requirements of tunnel floor concrete shall comply with the directions of the engineer. The tunnel floor will be measured for payment to the thickness as directed by the engineer. Payment for concrete will be made at the unit price bid therefor, which shall include the cost of all labor, materials and operations excepting cement and reinforcing steel which will be paid for as separate items.

113. **Concrete in Tunnel Approach and Outlet.**—The approach and outlet portal structures shall be built of concrete to the lines and dimensions shown on the drawings or prescribed by the engineer. Excavation will be paid for at the respective unit prices bid in the schedule. Payment for concrete in walls and cutoff will be made at the respective unit price bid. Payment for concrete floor in the outlet and approach will be made at the unit price bid for concrete floor lining. Concrete and excavation will be measured for payment to the lines shown on the drawings or established by the engineer. All concrete poured or excavation made in excess of that shown on the drawings or prescribed by the engineer shall be at the contractor's own expense. The unit prices bid for excavation shall include the cost of all plant, labor and material necessary for excavation. The unit prices bid for concrete shall include the cost of all labor and material, and operations necessary, excepting cement and steel which will be paid for as separate items.

114. **Concrete Pipe Embedment.**—The contractor shall place concrete around the outlet pipe in the tunnel as directed by the engineer. Payment will be made at the respective unit price bid, which shall include

the cost of all materials and all operations except cement and reinforcing steel which will be paid for as separate items.

115. Tunnel Plugs.—After the diversion or outlet tunnel has served its purpose and has been satisfactorily closed at the upstream end in the outlet tower, it shall be plugged with concrete where shown on the drawings or directed by the engineer, and in a manner satisfactory to the engineer. The surface of the concrete tunnel lining against which the concrete in the plugs is to be placed shall be thoroughly cleaned and roughened by tooling or otherwise to the satisfaction of the engineer so as to provide perfect bond between the concrete of the lining and the plug. Keyways shall be left in the tunnel lining as shown on the drawings or as directed by the engineer, and these shall be carefully filled with concrete integral with the concrete in the plug to key the plug and lining together. A system of grout pipes shall be set as directed by the engineer, in the surface of contact between the plug and the tunnel lining or at other points, and after the concrete has hardened shall be pressure grouted to insure a watertight connection at all points between the plug and lining. Payment for concrete will be made at the unit price bid for tunnel plug concrete, which shall include the cost of all necessary labor, material and operations in connection with the tunnel plug, except steel, cement, grout pipe and grouting which will be paid for at the respective unit prices bid in the schedule.

116. Masonry in Tunnel.—The space between plugs in outlet tunnel, if directed by the engineer, shall be filled with rock laid up in cement mortar and grouted as directed. Payment for rock will be made at the respective unit price bid. Cement mortar will be paid for at the unit price bid for the cubic yard of mortar used in the work, which shall include the cost of selecting, shaping and laying up rock, and all materials and operations excepting cement which will be paid for as a separate item. Payment for grout pipes and connections will be paid for at the respective unit prices bid, which shall include the cost of all labor, materials and operations. Payment for grouting will be made at the unit price bid which shall include the cost of all labor, materials and operations excepting cement which will be paid for as a separate item.

117. Tile Drains.—Where shown on the drawings, or where directed by the engineer, a trench of dimensions directed by the engineer shall be made along the bottom of the tunnel excavation. Porous tile drains shall be placed in the trench as directed by the engineer. The tile shall be carefully placed true to line and position, and shall be securely held in position during the placing of the concrete. The joints in the tile shall not be cemented. Special care shall be taken to avoid displacing or breaking the tiles during the placing of concrete, and the contractor shall provide and use suitable means satisfactory to the engineer to prevent and insure against the drains being clogged with mortar, concrete, or otherwise during the progress of the work. In case any drain becomes clogged during the progress of the work it shall be repaired at the expense of the contractor and to the satisfaction of the engineer. Before placing concrete, gravel graded to the satisfaction of the engineer shall be placed around the drain pipe and in the trench. The drain trench excavation will be measured for payment to the neat lines directed by the engineer and payment will be made at the unit price bid in the schedule for tunnel excavation. Drain pipe will be measured for payment in the trench and payment will be made at the unit price bid in the schedule which shall include the cost of all gravel and all other necessary labor and material operations, excepting cement, complete in place.

118. Backfill.—The approach and outlet ends of the cut and cover section of the tunnel shall be carefully backfilled to the satisfaction of the engineer. Payment will be made at the unit price bid for backfill.

GROUT AND DRAINAGE

UNDER THIS HEAD ARE INCLUDED ALL GROUT AND DRAINAGE WORK INVOLVED AND INCLUDED IN THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, SPILLWAY AND OUTLET WORKS

119. **Grout.**—The contractor shall force grout composed of cement and water or of cement, sand, and water, in proportions to be prescribed by the engineer, into seams in any ledge rock, drill holes, pipe or any place as directed by the engineer. Sand for grout shall be clean and shall be of such fineness that 100 per cent will pass a #60 sieve, and 50 per cent will pass a #120 sieve.

120. **Mixing and Placing Grout.**—The apparatus for mixing and placing grout shall be of an acceptable type, equal in efficiency to a machine having for its essential part an airtight chamber in which the grout is effectively stirred and from which it is forced into the work by air under any required pressure up to 100 pounds per square inch. Grouting shall be so conducted that the engineer will be satisfied that the desired filling has taken place. Holes shall be drilled, if ordered, to test the sufficiency of the filling. If it is discovered that any voids have not been thoroughly filled by the final application of grout, the process shall be repeated until satisfactory results are obtained. The order in which holes are grouted shall be satisfactory to the engineer. It may be required that air pressure shall be applied for several hours to the work before actual grouting is begun. Grouting operations shall not be rushed as the result expected can only be obtained by the use of much time.

121. **Payment.** The quantity of grout to be paid for shall be the actual number of cubic feet used in accordance with directions, measured in its liquid state before being forced into the work. The contractor shall provide suitable means for convenient measuring. Payment will be made at the unit price bid, which shall include the cost of all necessary equipment and operations, all labor and material necessary for doing the grouting as directed, except that cement and pipe will be paid for at the respective unit prices bid in the schedule.

122. **Drilling Tunnel, Foundation Rock or Concrete.**—Where shown on the drawings or where directed by the engineer, the contractor shall drill holes in the rock or concrete for grouting, inspection, drainage or other purposes, at places, angles and to the depths designated by the engineer, using either a core recovering drill, or a concussion drill, as directed in each case by the engineer. Holes drilled by a concussion drill shall not be less than two inches in diameter at the bottom. Cores where a core recovery drill is used shall not be less than two inches in diameter unless directed by the engineer. Holes should not be more than one-half inch larger and shall be drilled by means of diamond, shot or other rotating type of drill capable of boring a smooth hole without destroying the adjacent rock. The contractor shall keep an accurate record of drilling, particularly the loss of water or the presence of soft strata, and shall preserve the recovered cores in suitable boxes, with suitable definite identification of cores. It may be found necessary, after all the holes in a given region have been drilled and grouted, to drill additional holes. All such holes shall be drilled by the contractor at the unit price bid in the schedule and no extra allowance will be made for the moving of equipment or other expense incidental to returning to an area previously grouted or moving into a new area. All drilled holes shall be carefully plugged at their entrance end to prevent accidental obstruction. Payment will be made for the actual number of linear feet of hole drilled with core recovering drills and concussion drills respectively as prescribed by the engineer. The unit price bid per linear foot for drilling holes with either core recovering drills or concussion drills shall include and cover all expenses necessary for drilling the holes as required.

123. **Pipes for Grouting or Drainage.**—New standard steel pipe with necessary fittings shall be placed for grouting or drainage operations at such places and of such lengths as the engineer shall direct. Where possible the grout holes shall be drilled prior to pouring concrete above. Water tight joints shall be made between the pipes and the sides of the holes drilled in the rock or concrete. The ends of the pipes shall be inserted into the drill holes in the rock or concrete or tunnel and caulked tight and to the satisfaction of the engineer. Before grouting or testing with air pressure will be permitted, such thickness of concrete shall be poured above the junction of the pipe and drill hole as may be satisfactory to the engineer. The pipes shall be brought above the surface of the concrete as directed by the engineer. All pipes not used for drainage shall be capped or plugged until such time as they are grouted. The unit price bid shall include the cost of labor and materials, all pipe and fittings, complete in place and ready for grouting.

124. **Laying Drain Tile and Pipe.**—Where shown on the drawings or where directed by the engineer, drain tile of unglazed burnt clay or concrete of a quality approved by the engineer shall be laid under or within the structures. The drain tile and pipe shall be laid with open joints, in trenches, which, if in rock, shall have the least practicable dimensions. All space in the trenches not occupied by the tile or pipe shall be filled with gravel or crushed rock. Previous to placing the concrete in structures the trenches shall be covered with building paper in such a way as to prevent the infiltration of mortar into the gravel filling.

Gravel or crushed rock used for filling the trenches shall be of such sizes as will pass through a one and one-half inch ring and will be retained on a one-fourth inch ring. Outlet drains shall be constructed where shown on the drawings or where directed by the engineer. During the time of placing concrete over the trenches a stream of water shall be run through the drain tile to remove any cement grout finding its way into the drain and to test the continuity and operation of the drain. The unit price bid for drain tile shall include the cost of furnishing complete in place the tile, crushed rock or gravel and building paper, the necessary supports for the drains, and all other necessary labor and materials. Excavation for drainage works will be paid for at the respective unit price bid.

130. Mixing and Placing Grout.—The apparatus for mixing and placing grout shall be of an approved type, equal in efficiency to a mechanical hoist for its capacity, having for its support a vertical member in which the grout is placed. The hoist shall be of such capacity that it is forced into the work by its weight and required pressure of 100 pounds per square foot. Grouting shall be so conducted that the grout will be satisfied that the grout has filled the voids between the tiles. It shall be drilled to test the sufficiency of the filling. If the grout has not filled the voids, the tiles shall be removed and the voids filled by the first application of grout. The grout shall be placed in the voids and the tiles shall be replaced. The order in which holes are grouted shall be such that the grout will be placed in the voids between the tiles. It may be required that the grout be placed in the voids between the tiles in the order in which the tiles are grouted. Grouting operations shall not be treated as the result expected but only as the result of the grouting operation.

131. Payment.—The quantity of work to be paid for shall be the actual number of cubic feet of concrete placed in the trenches, measured in the finished state before being forced into the work. The contractor shall pay for the material, labor and material necessary for the work. Payment will be made at the end of the month for the work done during the month. Payment for the work done during the month shall include the cost of all necessary equipment and apparatus, all labor and material necessary for the work. Payment for the work done during the month shall include the cost of all necessary equipment and apparatus, all labor and material necessary for the work.

132. Drilling Trenches.—The contractor shall drill holes in the trench for the purpose of testing the sufficiency of the filling. The holes shall be drilled to the depth of the trench. The contractor shall be responsible for the cost of all necessary equipment and apparatus, all labor and material necessary for the work. Payment for the work done during the month shall include the cost of all necessary equipment and apparatus, all labor and material necessary for the work. Payment for the work done during the month shall include the cost of all necessary equipment and apparatus, all labor and material necessary for the work.

133. Trenches for Draining.—The contractor shall be responsible for the cost of all necessary equipment and apparatus, all labor and material necessary for the work. Payment for the work done during the month shall include the cost of all necessary equipment and apparatus, all labor and material necessary for the work. Payment for the work done during the month shall include the cost of all necessary equipment and apparatus, all labor and material necessary for the work.

134. Draining Trenches.—The contractor shall be responsible for the cost of all necessary equipment and apparatus, all labor and material necessary for the work. Payment for the work done during the month shall include the cost of all necessary equipment and apparatus, all labor and material necessary for the work. Payment for the work done during the month shall include the cost of all necessary equipment and apparatus, all labor and material necessary for the work.

APPURTENANCES

UNDER THIS HEAD ARE INCLUDED ALL APPURTENANCES INVOLVED AND INCLUDED IN THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, SPILLWAY AND OUTLET WORKS.

125. **Appurtenances.**—The contractor shall, at unit prices bid, furnish, install and attach ready for operation all appurtenances as shown on the drawings or called for in the specifications.

126. **Steel Parts.**—The structural steel shall conform in all respects not specifically mentioned herein or on the drawings, to the Standard Specification for Structural Steel for Buildings, Serial Designation: A-9-24, of the American Society for Testing Materials. The contractor shall provide, at his own expense, the necessary test pieces and shall notify the engineer or his representative when these pieces are ready for testing. All test bars or test pieces shall be so marked as to indicate clearly the material they represent, and shall be properly boxed and prepared for shipment as directed by the engineer. Physical tests and chemical analysis of material may be made by the City of San Diego at its own expense, or they may be made at the plant by the contractor or his employees, acting under the direction of the engineer or his representative. Certified tests may, at the option of the engineer, be accepted in lieu of the above mentioned tests.

127. **Cast Iron Parts.**—All cast iron parts shall be made of cast iron of good quality, and of such character as shall make the metal of the castings strong, tough and even grain and safe enough to admit drilling and cutting. The metal shall be without admixture of cinder iron or other inferior material, and shall be remelted in a cupola or air furnace. Specimen bars two inches wide and one inch thick, loaded at the middle of a twenty-four inch span shall support a load of not less than 2,000 pounds and shall show a deflection of not less than three-tenths inch before breaking, or if preferred, tensile tests may be made which shall show a breaking load of not less than 20,000 pounds per square inch. All castings shall be subject to a careful hammer inspection.

128. **Pipe Railing.**—2" inside diameter Standard steel pipe railing shall be placed on the outlet tower as shown on the drawings, or where directed by the engineer. No floor flange is required, but posts must be embedded firmly eight inches into concrete. The tower railing shall have all fittings screw jointed to both posts and hand rails. Where else required the railing shall have ball pattern railing fittings screwed to the posts, but smooth around horizontal pipes, which will permit movement between expansion joints. All operations connected with furnishing and completely installing pipe railing shall be included in the unit price bid. Pipe railing shall include posts, fittings, and two horizontal pipe rails.

129. **Steel and Covers For Outlet Tower.**—The contractor shall furnish and install as shown on drawings or directed by the engineer, steel rim angles and steel plate covers drilled in accordance with dimensions given or directed by the engineer. Rim angles shall be fastened to the concrete with anchor bolts as shown. They shall be provided with hinge bolts. Payment for steel and covers complete in place will be made at the unit price bid for structural steel.

130. **Ladder Rungs and Guards.**—The contractor shall furnish and place the steel rungs and guards for inside and outside of the Outlet Tower and where directed by the engineer. They shall be accurately set and securely anchored into the concrete. The cost of all operations connected with furnishing and installing steel rungs and guards complete in place shall be included in the price bid per pound for structural steel.

131. **Cast Iron Pipe and Special Castings.**—Cast iron pipe and special castings shall be of hub and spigot type, except that cast iron flanges shall be provided drilled for connection to valves, and shall be Class C and shall conform in all respects to the Standard Specifications for Cast Iron Water Pipe and Special Castings of the American Water Works Association adopted May 12, 1908, and as modified except for the following: (a) the chemical composition of the iron shall be within the following limits:

	Minimum	Maximum
Sulphur		0.10%
Phosphorus		0.90%
Manganese	0.5%	0.65%
Silicon	1.2%	1.7 %

(b) Flanges for connection to gate valves and main outlet valve shall be cast on the special castings and shall conform in all respects to the "American Standard" of January 1, 1914. The cast iron pipe and special castings will be paid for at the unit price bid, which shall include the cost of the necessary yarn, lead for connections, complete in place and ready for operation.

132. **Placing Cast Iron Pipe and Special Castings.**—Each pipe and fittings shall be lowered into place in the work in a manner that will prevent breakage and all horizontal pipe and fittings shall be placed on previously prepared concrete piers or brackets. In laying pipe the bell ends shall be laid upstream. The

frames of sliding gates shall be carefully placed and thoroughly caulked to prevent leakage. The fittings or pipe shall not be worked on or disturbed after grouting until the grout has had sufficient time to set. Care shall be exercised in placing concrete around the frames of sliding gates to prevent injury or displacement. The interior of all cast iron pipe and special fittings shall be swept clean of all earth or rubbish. Cast iron pipes furnished by the contractor shall extend through the tunnel plugs a distance determined by the engineer. The lower ends of cast iron pipe shall be flanged as directed by the engineer.

133. **Yarning.**—Before the spigot is entered into the bell of the pipe the first strand of yarn shall be held in place on the spigot end of the pipe by the yarner so as to center it into the bell. Each strand of yarn shall be cut longer than the circumference of the pipe so that the ends will overlap and so that overlapping ends of successive strands will be staggered. The separate strands of yarn shall be driven home compactly with the yarning iron and hammers. Sufficient yarn shall be used to fill the joint to within two and one-half inches of the face of the bell. Standard caulking yarn of quality approved by the engineer shall be used for forming the joints. The unit price bid for cast iron pipe and special castings shall include all yarn and yarning.

134. **Lead Joints.**—The joints in the cast iron pipe and special castings shall be leaded with cast lead and shall be satisfactory to the engineer. Before pouring a joint, it shall be cleaned of dirt, mud, grease and excess coating, blisters or bubbles and the lead runner put in place tightly against the face of the bell and the pipe. Clay shall be used wherever necessary to make a tight joint between the runner and bell and pipe. Each joint shall be made with one pour. As soon as the joint has cooled, the runner shall be removed and the joint thoroughly caulked. The caulking shall be done with pneumatic caulking hammers, and the caulking shall be thoroughly done without splitting joints. The unit price bid for cast iron pipe shall include all lead for joints.

135. **Trash Racks.**—The trash racks shall be installed according to the drawings or as prescribed by the engineer. Steel in the trash racks shall conform to the specifications for structural steel. Payment will be made at the unit price bid per pound for structural steel which shall include the cost of all labor and materials, complete in place and ready for operation.

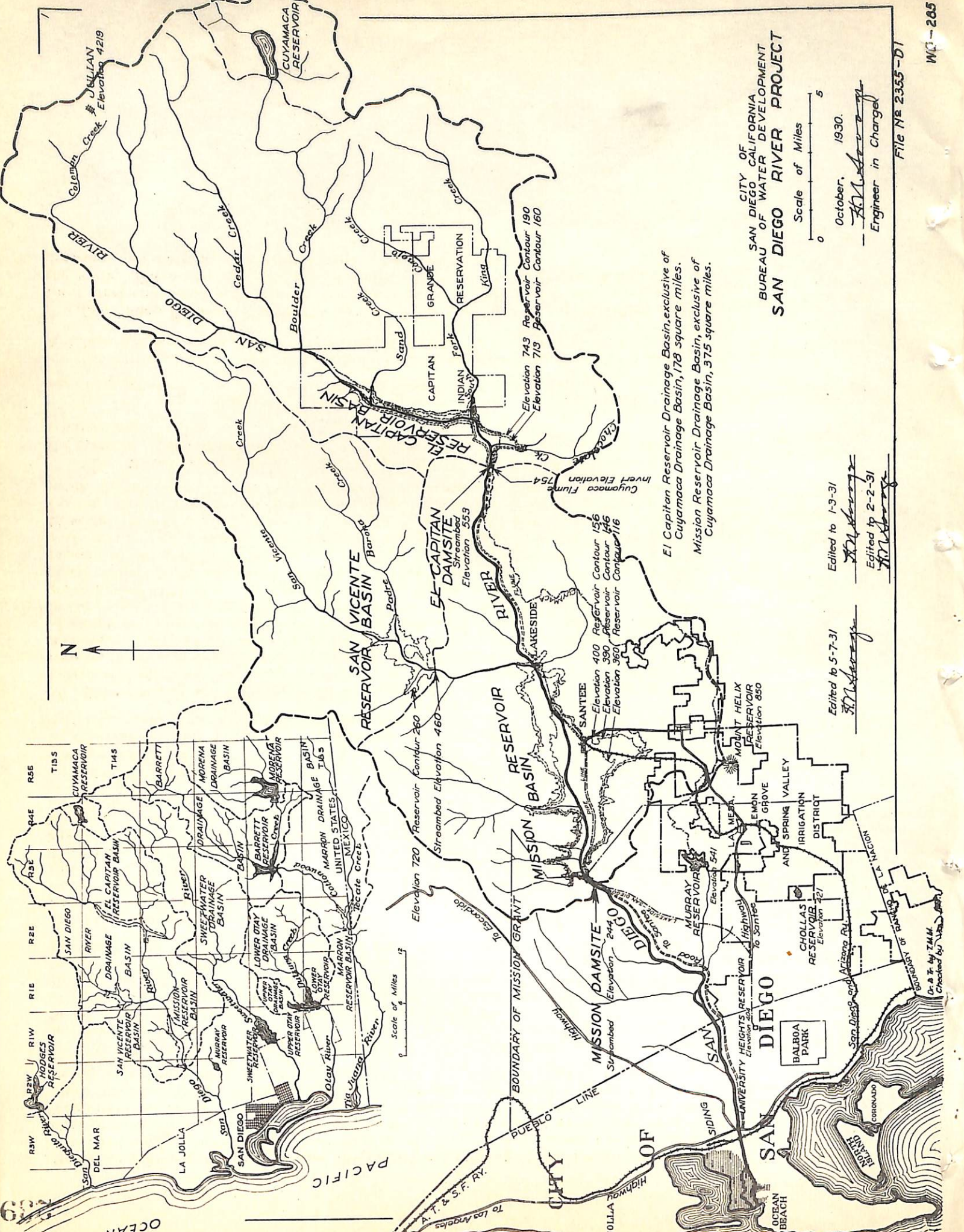
136. **Coating and Painting.**—All structural steel, pipe, steel or iron parts exposed to air, except as hereinafter specified shall be given a shop coat of red lead and pure linseed oil and 2 field coats of aluminum bronze, the first composed of about two pounds of aluminum bronze powder to one gallon of Berry Bros. Aluminum liquid #3 or equivalent in the opinion of the engineer, and the second composed of about 3 pounds of aluminum bronze powder to one gallon of Sherwin-Williams Varnish Bronzing liquid No. 2, or equivalent in the opinion of the engineer. All structural steel, pipe, steel or iron parts submerged under water, shall be given a shop coat of red lead and pure linseed oil and a field coat of graphite lead and oil, or "Biturine" or equal, subject to the engineer's decision. Castings, except surfaces embedded in concrete, shall be coated inside and out with "Biturine" or coal tar pitch varnish, in accordance with the engineer's decision, mixed with sufficient oil to make a smooth coating, tough and tenacious when cold and not brittle nor with tendency to scale off. The surfaces must be thoroughly cleaned and free from rust before coating is applied. No casting shall be coated until it has been inspected and passed as acceptable by the engineer. Coating and painting shall be included in the unit price bid for structural steel and appurtenances.

137. **Materials.**—Except as otherwise specified, designated and/or approved in writing by the engineer, the materials required by the drawings and specifications under appurtenances shall conform to the following requirements:

(a) Gray iron castings shall conform in all respects to the standard specifications for gray iron castings. Serial Designation: A 48-18, of the American Society for Testing Materials.

(b) Structural steel shall conform in all respects to structural steel for buildings, Serial Designation: A 9-24, of the American Society for Testing Materials.

138. **Shop Details.**—The contractor shall submit, at his own expense, shop detail drawings of all structural steel and metal work for the engineer's approval before such items shall be manufactured or used on the work. These plans shall be in substantial conformity with general design and dimensions as shown on drawings and materials shall be in accordance with these specifications.



CITY OF
 SAN DIEGO CALIFORNIA
 BUREAU OF WATER DEVELOPMENT
SAN DIEGO RIVER PROJECT

Scale of Miles
 0 5

October, 1930.

Engineer in Charge

File No 2355-D1

El Capitan Reservoir Drainage Basin, exclusive of
 Cuyamaca Drainage Basin, 178 square miles.
 Mission Reservoir Drainage Basin, exclusive of
 Cuyamaca Drainage Basin, 375 square miles.

Edited to 1-9-31

J. M. [Signature]

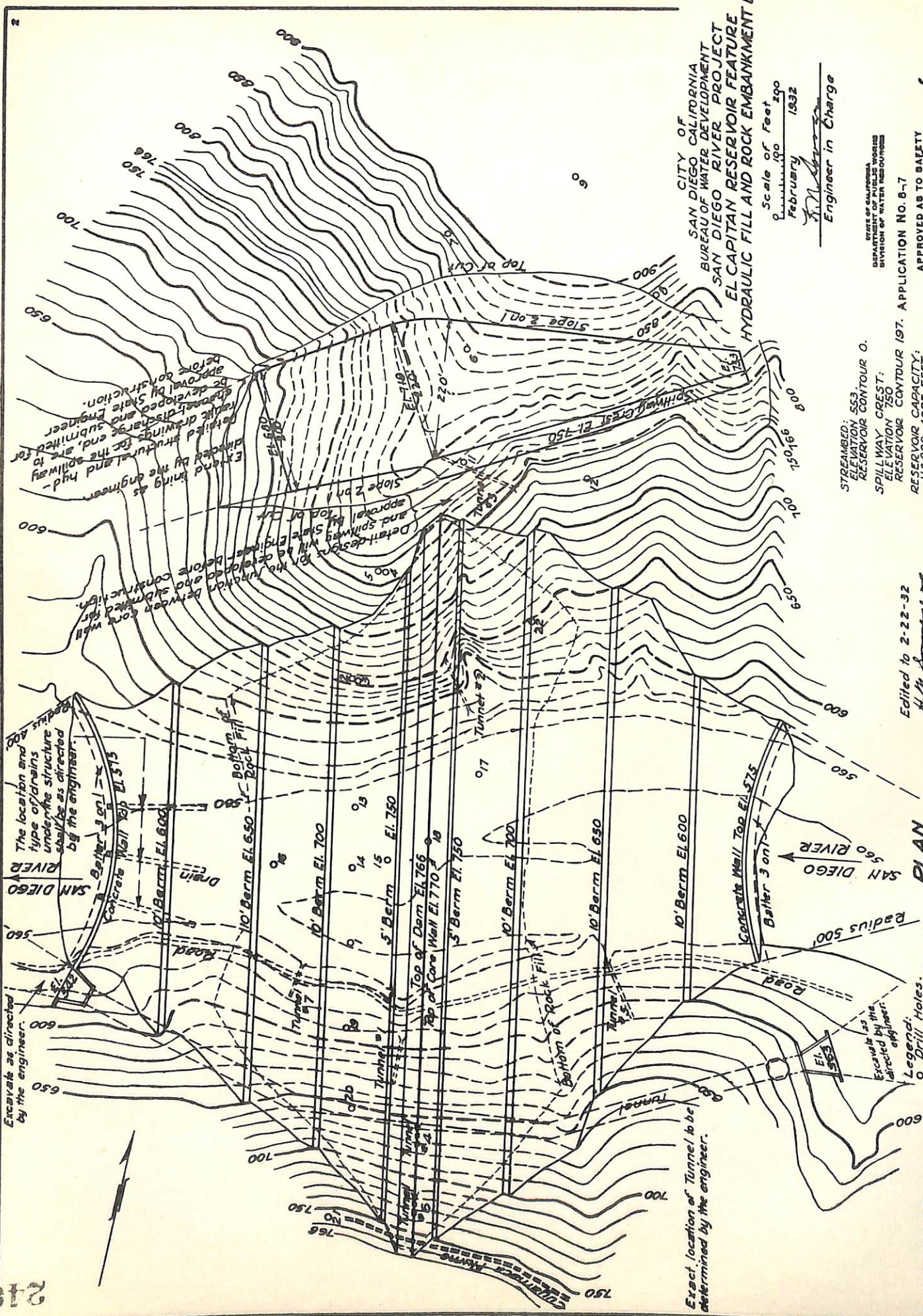
Edited to 2-2-31

J. M. [Signature]

Edited to 5-7-31

J. M. [Signature]

Drawn by T.M.H.
 Checked by [Signature]



CITY OF SAN DIEGO
 BUREAU OF WATER DEVELOPMENT
 SAN DIEGO RIVER PROJECT
 EL CAPITAN RESERVOIR FEATURE
 HYDRAULIC FILL AND ROCK EMBANKMENT DAM

Scale of Feet
 1" = 100'
 February 1932

H. M. Long
 Engineer in Charge

DEPARTMENT OF WATER RESOURCES
 DIVISION OF WATER RESOURCES

APPROVED AS TO SAFETY
 APPLICATION NO. 8-7
 118,000 ACRES FEET.

2-29-32

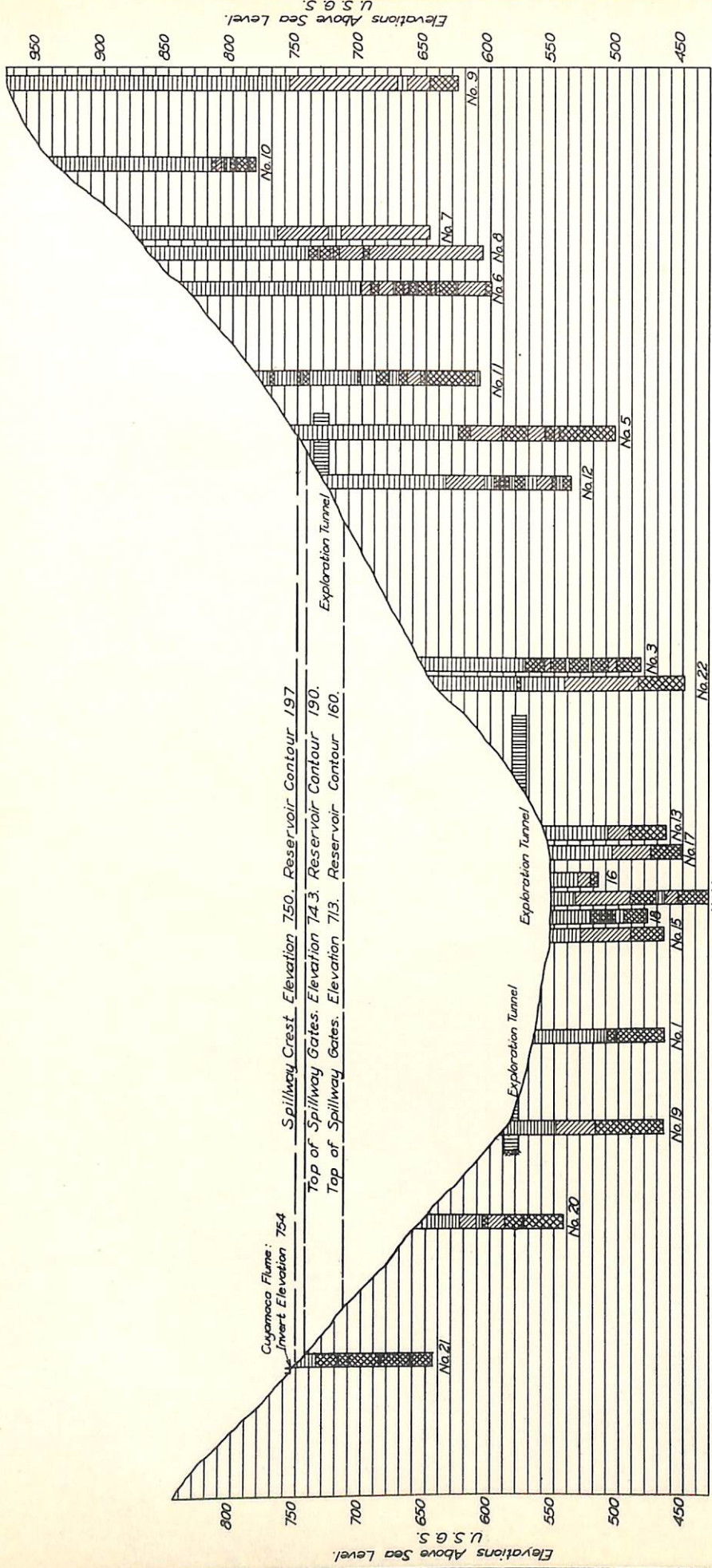
STREAMBED: ELEVATION 563
 RESERVOIR CONTOUR 0.
 SPILLWAY CREST: ELEVATION 750
 RESERVOIR CONTOUR 197. APPLICATION NO. 8-7
 RESERVOIR CAPACITY: 118,000 ACRES FEET.

Edited to 2-22-32
H. M. Long

PLAN




Legend:
 O Drill Holes.
 --- Investigation Tunnels.

Dr. & Tr. by M.C.
 Created by M.C.



LOG OF DRILL HOLES

See Sheet 1 for Location of Drill Holes

- LEGEND:**
-  Sand, soil and decomposed granite.
 -  Medium hard granite; par-tail core.
 -  Hard granite; full core.

STREAMBED:
 ELEVATION 553;
 RESERVOIR CONTOUR 0.
TOP OF SPILLWAY GATES:
 ELEVATION 713;
 RESERVOIR CONTOUR 160.
RESERVOIR CAPACITY:
 66,000 ACRE FEET.

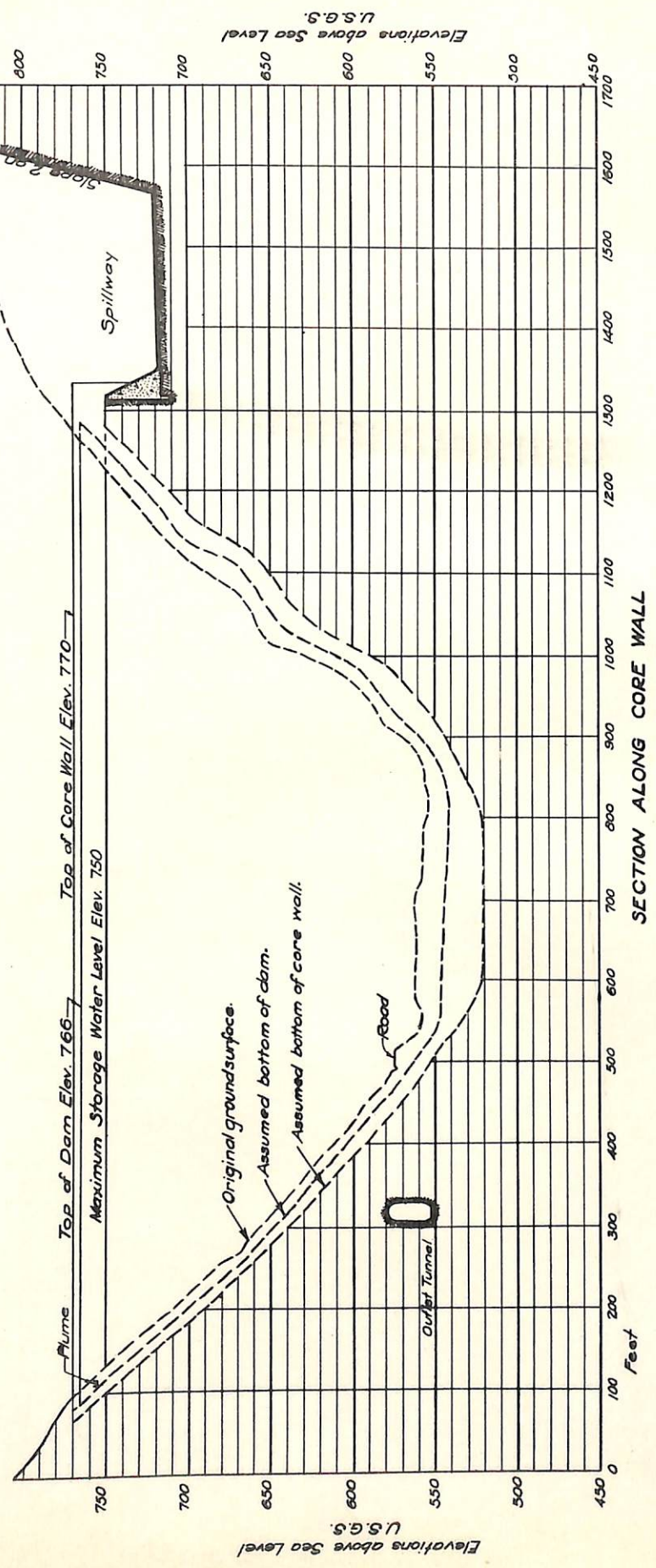
STREAMBED:
 ELEVATION 553;
 RESERVOIR CONTOUR 0.
TOP OF SPILLWAY CREST:
 ELEVATION 750;
 RESERVOIR CONTOUR 197
RESERVOIR CAPACITY:
 118,000 ACRE FEET.

CITY OF
 SAN DIEGO CALIFORNIA
 BUREAU OF WATER DEVELOPMENT
SAN DIEGO RIVER PROJECT
EL CAPITAN RESERVOIR DAM
 Scale as Shown.
 October, 1921.
H. W. Leavitt
 Engineer in Charge.

Edited by 11-9-31
 Edited by 12-15-30
 Edited to 3-12-31

Sheet 2 of 5. FILE NO 2360-01

Drawn by R.B.
 Recd by T.M.H.
 Checked by S.W.S. J.P.P.

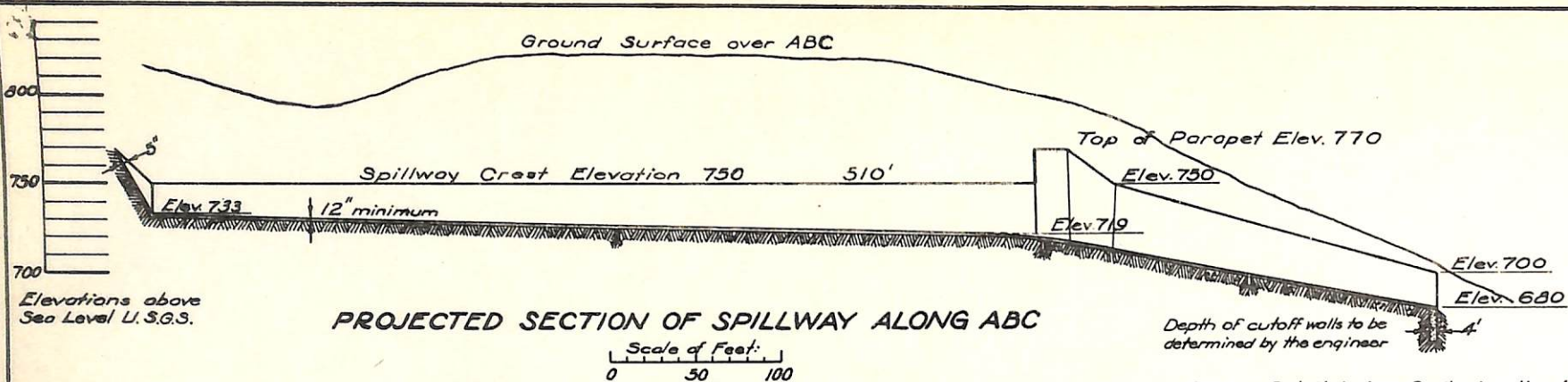


CITY OF
 SAN DIEGO CALIFORNIA
 BUREAU OF WATER DEVELOPMENT
 SAN DIEGO RIVER PROJECT
 EL CAPITAN RESERVOIR FEATURE
 HYDRAULIC FILL AND ROCK EMBANKMENT DAM
 Scales as Shown

February 1932
H.M. Anderson
 Engineer in Charge

STREAMBED:
 ELEVATION 553
 RESERVOIR CONTOUR 0.
 SPILLWAY CREST:
 ELEVATION 750
 RESERVOIR CONTOUR 197.
 RESERVOIR CAPACITY:
 118,000 ACRE FEET.

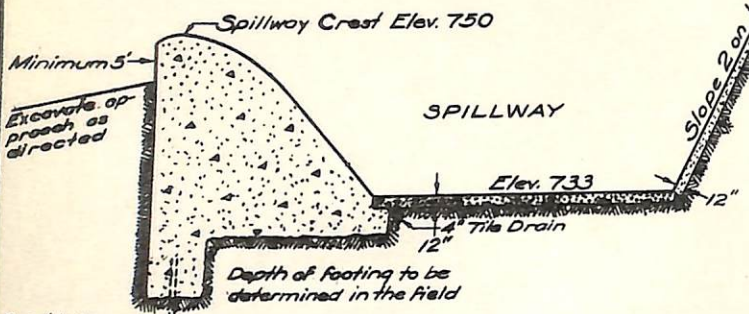
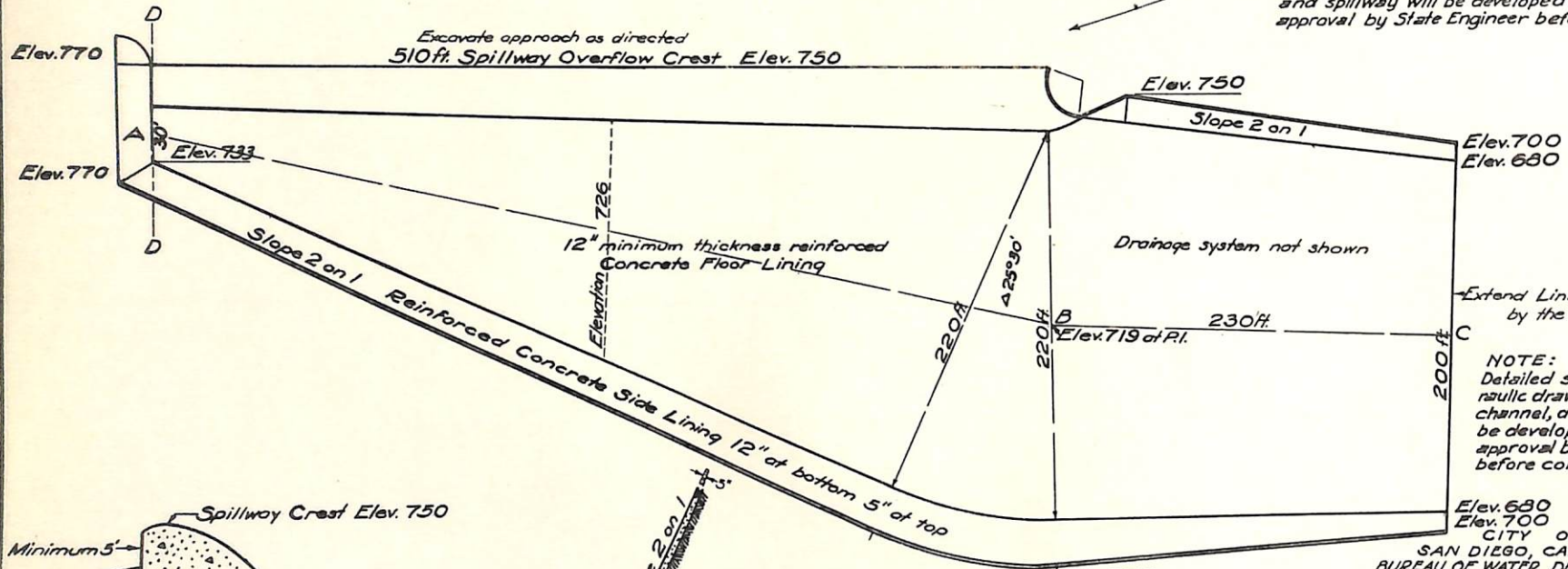
Drawn by P.B.
 Traced by M.V.N.J.B.B.
 Checked by R.B.



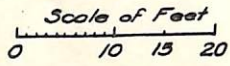
Elevations above Sea Level U.S.G.S.

PROJECTED SECTION OF SPILLWAY ALONG ABC

NOTE: Detail designs for the junction between core wall and spillway will be developed and submitted for approval by State Engineer before construction.



SECTION D-D



Structural details will be furnished as the work progresses and more data become available.

Drawn by R.B. Traced by J.H. Checked by P.B. - 6-20

NOTE: Detailed structural and hydraulic drawings for the spillway channel, discharge end, are to be developed and submitted for approval by State Engineer before construction.

CITY OF SAN DIEGO, CALIFORNIA, BUREAU OF WATER DEVELOPMENT SAN DIEGO RIVER PROJECT EL CAPITAN RESERVOIR FEATURE HYDRAULIC FILL AND ROCK EMBANKMENT DAM

Scales as Shown February 1932

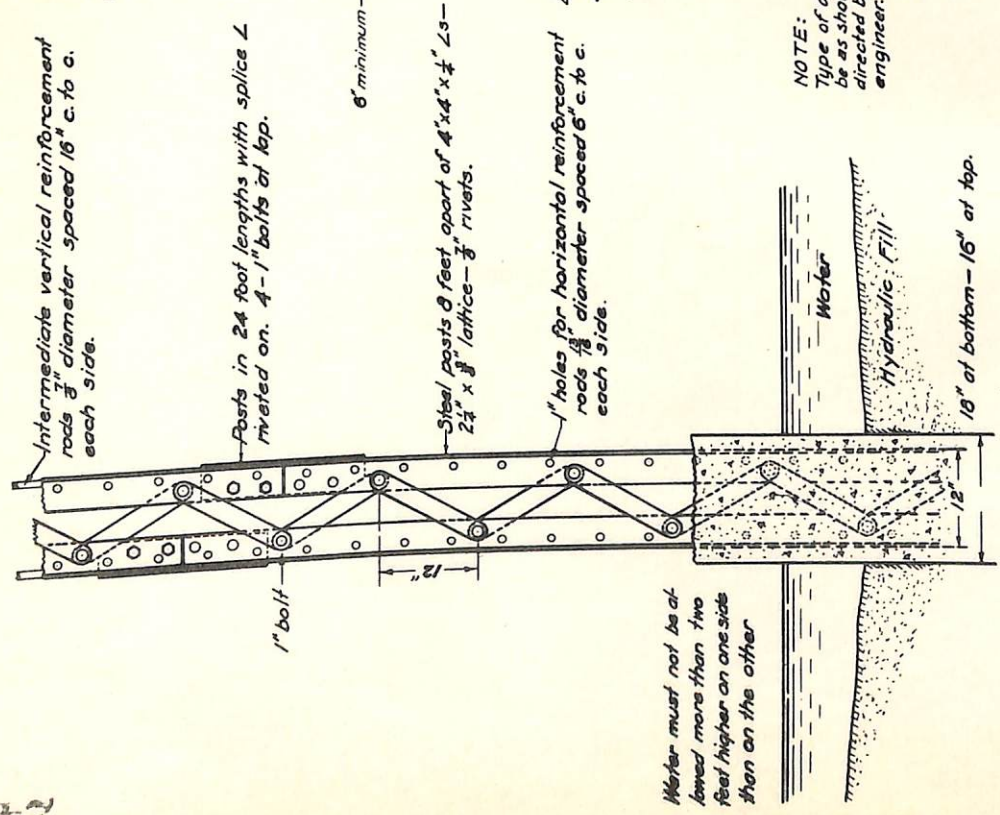
H.M. Savage
Engineer in Charge

Edited to 2-16-32.

H.M. Savage

Edited to 2-22-32

H.M. Savage

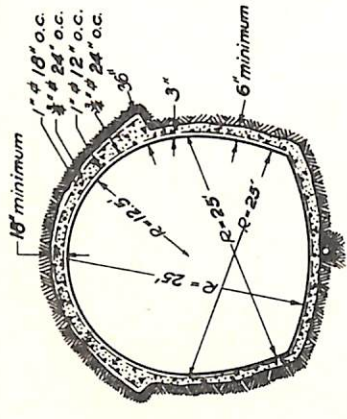


**TYPICAL SECTION
CORE WALL**
Scale of feet
0 1 2 3

STREAMBED: 553;
ELEVATION 553;
RESERVOIR CONTOUR 0.
SPILLWAY CREST:
ELEVATION 750;
RESERVOIR CONTOUR 197.
RESERVOIR CAPACITY:
116,000 ACRES FEET.

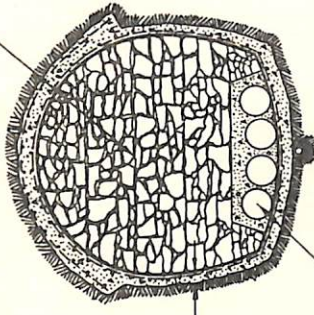
Methods of closing dependent on conditions obtaining at time closure is to be effected.

Fill tunnel between plugs with dry rock, packing in about 5 foot layers and grout each with mixture 1 part cement and 3 parts fine sand. Or



TUNNEL SECTION
Scale of feet
0 5 10

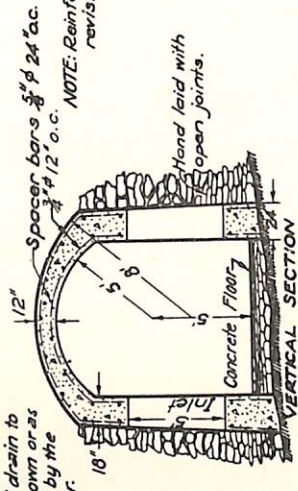
NOTE: For sections other than through rock thickness as directed by the engineer.



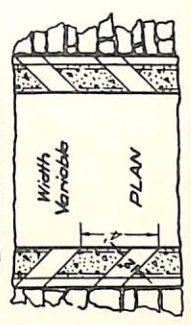
**PIPE EMBEDMENT
IN TUNNEL**

NOTE: Reinforcement subject to revision by the engineer.

NOTE: Type of drain to be as shown or as directed by the engineer.



VERTICAL SECTION

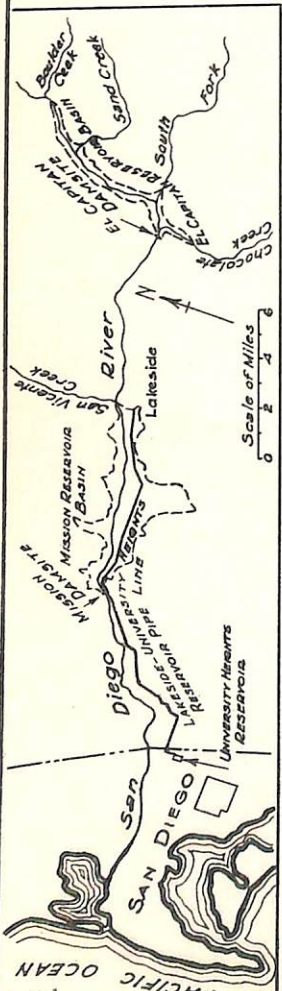
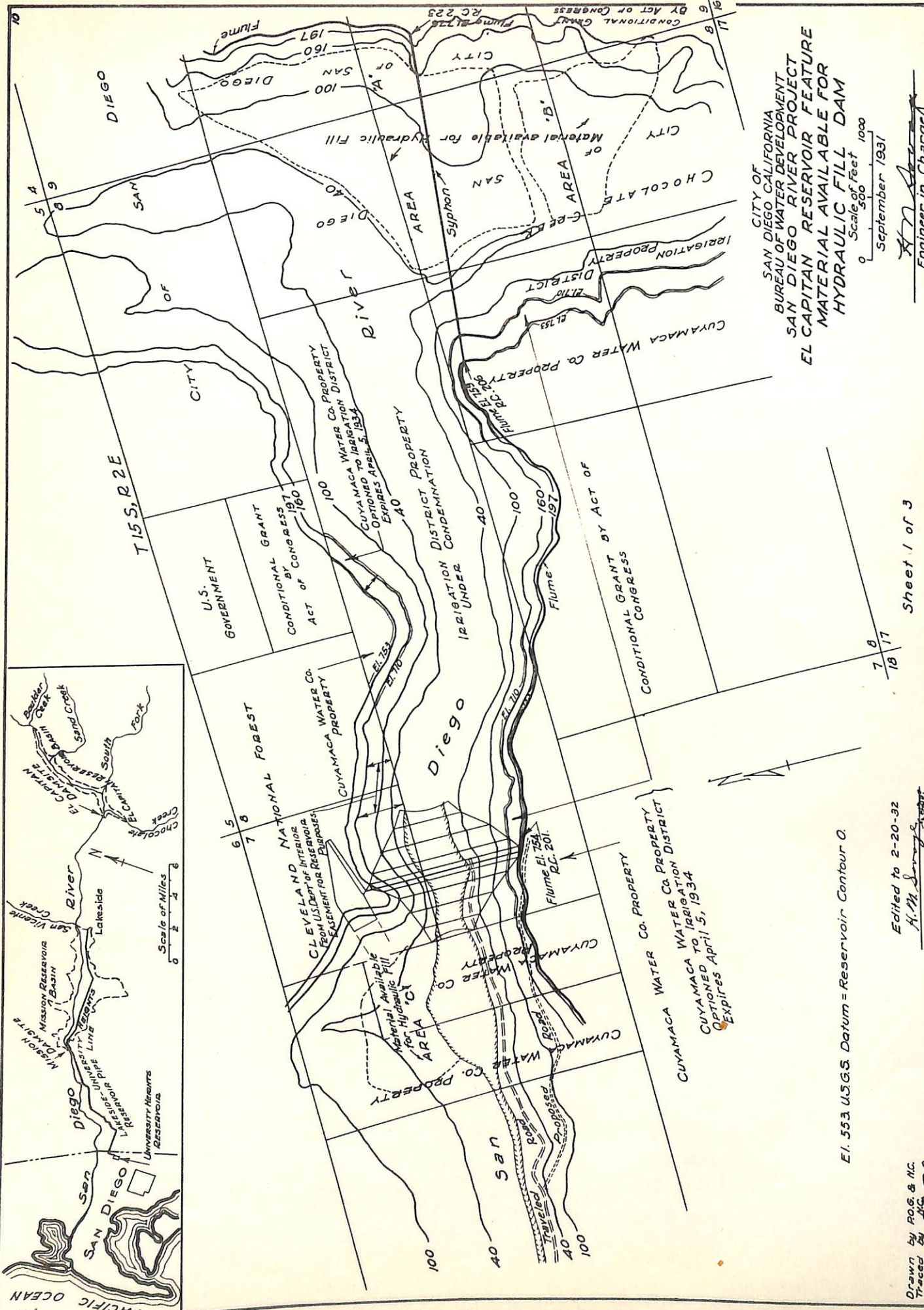


**DRAIN FOR
DOWNSREAM TOE OF DAM**
Scale of feet
0 5 10

Edited to 2-22-32
H. M. [Signature]

CITY OF
SAN DIEGO CALIFORNIA
BUREAU OF WATER DEVELOPMENT
SAN DIEGO RIVER PROJECT
EL CAPITAN RESERVOIR FEATURE
HYDRAULIC FILL AND ROCK EMBANKMENT DAM
February 1932
Scales as shown
[Signature]
Engineer in Charge

Drawn by R.A.
Checked by T.B.
Checked by R.B.



CITY OF
 SAN DIEGO CALIFORNIA
 BUREAU OF WATER DEVELOPMENT
 SAN DIEGO RIVER PROJECT
 EL CAPITAN RESERVOIR FEATURE
 MATERIAL AVAILABLE FOR
 HYDRAULIC FILL DAM

Scale of Feet
 0 500 1000
 September 1931

H. M. Swings
 Engineer in Charge

Sheet 1 of 3

El. 553 U.S.G.S. Datum = Reservoir Contour 0.

Edited to 2-20-32

H. M. Swings

Drawn by R. G. & M. C.
 Traced by R. G. & M. C.
 Checked by R. G. & M. C.

FILE No 2435-02

November 28, 1934

Messrs. H. W. Rohl & T. E. Connolly
Contractors El Capitan Dam
4351 Alhambra Avenue
Los Angeles, California

S-142

Subject: San Diego River Project, El Capitan
Reservoir Dam, Spillway and Outlet Works,
Completion of work.

Gentlemen:

Final inspection of the work performed by you in connection with the erection, construction and completion of the El Capitan reservoir dam, spillway and outlet works, pursuant to the provisions of that certain contract entered into between The City of San Diego and yourselves, dated April 23, 1932, has been made.

Subject to the provisions of Paragraph 31 of the Contract Specifications and the performance of the clean-up work required thereunder, you are hereby advised that all of the work to be performed by you in the erection, construction and completion of the El Capitan reservoir dam, spillway and outlet works has been completed to the satisfaction of the Engineer.

Very truly yours,

Fred D. Fyle
Hydraulic Engineer

FDP/f

November 28, 1934

TO THE HONORABLE, THE MAYOR AND COUNCIL
OF THE CITY OF SAN DIEGO, CALIFORNIA

Subject: San Diego River Project, El Capitan Reservoir
Dam, Spillway and Outlet Works, completion of
work under contract by H. W. Rohl & T. E. Connolly

Gentlemen:

The work under contract with H. W. Rohl and T. E. Connolly for the construction of the El Capitan reservoir dam, spillway and outlet works, Contract Document No. 274788, dated April 23, 1932, has, except for date of completion, been fully completed in accordance with the plans, drawings and specifications therefor and to the satisfaction of the Engineer.

Under the terms of the contract the work was to have been completed on or before October 31, 1934.

The work was completed on November 27, 1934.

RECOMMENDATION: It is recommended that the materials furnished and work performed in the erection, construction and completion of the El Capitan reservoir dam, spillway and outlet works by Contractor H. W. Rohl and T. E. Connolly be officially accepted and paid for by the City of San Diego subject to the provisions of Paragraph 50 of the contract specifications.

Respectfully,

Fred D. Pyle
Hydraulic Engineer

APPROVED:

George L. Buck
City Manager

FDP/f

H. W. ROHL & T. E. CONNOLLY
CONTRACTORS

San Diego, Calif.
December 10, 1934.

Mr. F. D. Pyle
Hydraulic Engineer
City of San Diego

Dear Sir:

In your letter S-139 you state: "Before an extension of time may be considered, a request therefor must be made by the contractor."

You have misinterpreted my letter of Oct. 31, 1934. In that letter I was asking an indeterminate extension of time, you to advise me what number of days an "equivalent extension of time" would be correct in your judgment.

As the number of days occasioned by this change has been determined as 27 days, I now renew my application for an extension of time as asked on Oct. 31, 1934 and ask for an extension of time for the completion of El Capitan Dam, Spillway and Outlet Works, of 27 days.

Very truly yours,

H. W. ROHL & T. E. CONNOLLY

By T. E. CONNOLLY (Signature)

December 10, 1934

Messrs. H. W. Rohl & T. E. Connolly
Contractors El Capitan Dam
4351 Alhambra Avenue
Los Angeles, California.

S-144

Subject: San Diego River Project, El Capitan
Feature, Extension of Time.

Gentlemen:

Receipt is acknowledged of your letter dated December 10, 1934, stating that you wish your letter of October 31, 1934 considered as an application for extension of time for the completion of your contract for the construction of the El Capitan Reservoir Dam, Spillway and Outlet Works in accordance with Paragraph 11 of the contract specifications.

In view of the additional work required of you in the construction and completion of your contract, an equivalent extension of time to the extent of twenty-seven days in which to complete your contract is hereby approved.

Very truly yours,

Fred D. Pyle
Hydraulic Engineer

FDP/f

January 12, 1935

TO THE HONORABLE, THE MAYOR AND COUNCIL
OF THE CITY OF SAN DIEGO, CALIFORNIA.

Subject: San Diego River Project, El Capitan Feature,
H. W. Rohl & T. E. Connolly Contract,
Acceptance of final estimate and delivery
of release.

Gentlemen:

Contractor H. W. Rohl & T. E. Connolly completed the contract work on the El Capitan Reservoir Dam, Spillway and Outlet Works November 27, 1934, and the work was officially accepted by the Council by Resolution No. 62379 adopted December 4, 1934 and filed for record with County Recorder December 6, 1934.

After the spillway excavation was completed, a review of the classification was made for the final estimate with the City's Consultants and it was decided that in addition to the solid rock excavated from the spillway and placed in the rock embankment of the dam, there was an additional amount of Class 1 material, equal to 11% of the total spillway excavation which when loosened by blasting broke down in such a way that it could not be separated from the Class 2 material and was accordingly placed in the spoil banks.

The final estimate as prepared and checked by the Hydraulic Engineer has been accepted by H. W. Rohl & T. E. Connolly and a release of all claims against the City of San Diego under and by virtue of the contract has been executed by the Contractor and delivered to the City.

Very respectfully,

Fred E. Pyle
Hydraulic Engineer

FEP/f

RELEASE OF CLAIMS

WHEREAS, heretofore, on, to-wit, the 23rd day of April, 1932, the undersigned entered into and executed a certain contract with The City of San Diego, California, a municipal corporation, whereby the undersigned, as Contractor, for the consideration therein set forth, agreed to build, erect and construct for the defendant a certain public work commonly known and referred to as the El Capitan Reservoir Dam, Spillway and Outlet Works; that a true copy of said contract is on file in the office of the City Clerk of said City of San Diego, marked Document No. 275788; and

WHEREAS, said work has been completed to the satisfaction of the Hydraulic Engineer in charge thereof on behalf of said City, and said work has been accepted on behalf of said City of San Diego, by its Council, such acceptance being evidenced by resolution of said Council, dated December 4, 1934, numbered 62379; and

WHEREAS, under the terms of said contract (Document No. 275788) and particularly under the provisions of Specification No. 50 thereof, it is provided as follows:

"50. PROGRESS ESTIMATES AND PAYMENTS.- At the end of each calendar month the engineer will make an estimate of the amount earned to that date, under the terms of the contract, for completed work, classified and computed on the basis of the items and unit prices named in the contract. To the estimate made as above set forth will be added the amounts earned for extra work to the date of the progress estimate. From the total thus computed a deduction of twenty-five per cent will be made, and from the remainder a further deduction will be made of all amounts due to the City of San Diego from the contractor for supplies or materials furnished or services rendered and any other amounts that may be due to the City of San Diego as damages for delays or otherwise under the terms of the contract. From the balance thus determined will be deducted the amount of all previous payments and the remainder will be paid to the contractor upon the approval of the accounts. The twenty-five per cent deducted as above set forth shall not become due and payable until the completion of the work to the satisfaction of the Engineer and its acceptance by the City of San Diego, and until release shall have been executed and filed as hereinafter provided, and until five days shall have elapsed after the expiration of the period within which liens may be filed under the provisions of Title 4, Part 3 of the Code of Civil Procedure of the State of California. In case of suspension of the contract, the said twenty-five per cent shall be and become the sole and absolute property of the City of San Diego to the

extent necessary to repay to the City of San Diego any excess in the cost of the work above the contract price. When the terms of the contract shall have been fully complied with to the satisfaction of the engineer and when a release of all claims against the City of San Diego, under or by virtue of the contract, shall have been executed by the contractor, and when five days shall have elapsed after the expiration of the period within which liens may be filed, as hereinabove provided, final payment will be made, at such time and in such manner as provided by law, of any balance due, including the percentage withheld as above stated, or such portion thereof as may be due the contractor."

and

WHEREAS, the contractor has assigned unto Security-First National Bank of Los Angeles, California, all moneys due, or to become due, said contractor under or by virtue of said contract; and

WHEREAS, said City of San Diego and its Hydraulic Engineer has prepared and filed, or is about to file, the final estimate as provided for in said Paragraph 50 of said contract, which said final estimate (inclusive of amounts heretofore deducted from prior estimates) is in the sum of \$683,303.92;

NOW, THEREFORE, in consideration of the payment to said contractor of said sum of \$683,303.92, and in consideration of the payment heretofore of various progress estimates heretofore approved and filed by the Hydraulic Engineer of said City under the terms of said contract, and in further consideration of the acceptance of said work and the payment therefor;

The undersigned, H. W. ROHL and T. E. CONNOLLY, Contractors under said contract (Document No. 275788, and their said assignee, Security-First National Bank of Los Angeles, hereby release said City of San Diego, and any and all officers, agents or employees of said City, from all claims or demands accrued and now existing, or hereafter arising under or by virtue of the terms, or any one or more thereof, either express or implied, of that certain contract dated April 23, 1932, between the City of San Diego, a municipal corporation, and H. W. Rohl and T. E. Connolly, for the construction, erection, completion and installation of the El Capitan Reservoir Dam, Spillway and Outlet Works, a copy of which is on file in the office of the City Clerk of said City marked Document 275788.

Dated this 11th day of January, 1935.

H. W. ROHL
H. W. Rohl

T. E. CONNOLLY
T. E. Connolly

SECURITY-FIRST NATIONAL BANK OF
LOS ANGELES

By C. A. RUDE
V.P.

By RANDALL BOYD
Asst. Sec.

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss.

On this 11th day of January, A.D. Nineteen Hundred and Thirty-five, before me MARIAN A. MARTIN, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared H. W. ROHL and T. E. CONNOLLY, known to me to be the persons described in and whose names are subscribed to the within instrument, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal in said county the day and year in this certificate first above written.

MARIAN A. MARTIN
Notary Public in and for the
County of Los Angeles, State
of California

My Commission Expires June 12, 1936.

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss

On this 11th day of January, A. D. Nineteen Hundred and Thirty-five, before me MARIAN A. MARTIN, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared C.A.RUDE, known to me to be the Vice President and RANDAL BOYD, known to me to be the Assistant Secretary of the SECURITY-FIRST NATIONAL BANK OF LOS ANGELES the Corporation which executed the within and annexed instrument, and acknowledged to me that such Corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in said county the day and year in this certificate first above written.

MARIAN A. MARTIN
Notary Public in and for the
County of Los Angeles, State
of California.

My Commission Expires June 12, 1936

(SEAL)

I hereby approve the form of the within Release of Claims this
12 day of January, 1935.

GILMORE TILLMAN
Asst City Attorney

T. E. COSGROVE
Special Counsel

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Document No. 290980, filed January 14,
1935 in the office of the City Clerk of City of San Diego, being
Release of Claims by Rohl and Connolly on account of El Capitan
Dam Contract.

ALLEN H. WRIGHT, City Clerk
of City of San Diego, California.

By CLARK M. FOOTE, JR.
Deputy

(SEAL)

March 11, 1932

Mr. Fred D. Pyle
Acting Hydraulic Engineer
Water Development Dept.
San Diego, California

Subject: San Diego River Project, El Capitan Reservoir
Dam; Funds for construction of El Capitan Dam

My dear Mr. Pyle:

This acknowledges your letter of March 5th, 1932, asking to be advised as to what general information may be given out to prospective bidders by your office, and to whom they may be referred for detailed information pertaining to the funds available for contract payments on the El Capitan project.

You may, I think, with entire propriety assure the prospective bidders for the El Capitan contract that the bids should be figured and the contract will be awarded upon a strictly cash basis, that is, there is no intention on the part of the city of requesting or requiring the contractor to take any portion of the contract price in El Capitan bonds. Payment for the work will be made from time to time in cash.

As you know, the City has in the Treasury at the present time something over \$900,000.00 of El Capitan funds immediately available for the contract work; also it has an additional \$600,000.00 of surplus Sutherland Dam Bond Funds which are available for the purchase by the City of a corresponding amount of El Capitan bonds; thus providing \$1,500,000.00.

Before any additional moneys are required for payments on the contract the city intends to do either one of two things; first, from time to time to sell additional blocks of the El Capitan Bonds sufficient to provide well in advance for cash requirements; or, second, to have the treasurer buy from time to time blocks of bonds on behalf of the city, using therefor surplus funds in the treasury - which, of course, so far as the contractor is concerned, amounts to the same thing.

Under the California State law, as you probably are aware, it is entirely lawful for the City to purchase its own bonds with any funds in the treasury which are not needed for immediate use. Bonds so purchased by the City may afterwards be sold at the best price obtainable when the sale is made. They may be sold for less than par and accrued interest if necessary, the difference or discount being paid into the bond fund from the General or Reserve Fund of the City.

The Council has received within the last few days a firm offer from responsible bond buyers to take all or any part of the El Capitan issue, at par and accrued interest. However, the Council appears to feel that it is sounder financial policy not to sell the bonds at this time so far in advance of the require-

ments for the money, thus saving 3% in interest. Under this policy even if the municipal bond market should be down several points when the city may desire to sell a block of the bonds, nevertheless the saving in interest charges made by not disposing of the bonds at this time would, it is believed, be amply sufficient to cover any such possible drop.

It is our opinion, therefore, that the possibility of the contractor ever being forced to take any portion of the contract price in bonds of the city is practically non-existent. The City always has had and will continue to have funds in its treasury not needed for immediate use, which can be used to purchase its unsold bonds from time to time.

This office will be glad to discuss the matter more in detail with prospective bidders on the contract, or their attorneys, by appointment.

Trusting that the foregoing will be of service to you, I am

Very truly yours,

H. B. Daniel (Signature)

H. B. Daniel
Assistant City Attorney.

HBD/S

March 22, 1932.

John M. Martin, Esq.,
Attorney at Law
1224 So. Spring St.,
Los Angeles, Calif.

Re: El Capitan Dam.

Dear Sir:

Your letter of March 16th, making inquiry regarding the method of financing the construction of the projected El Capitan Dam was duly received. The delay in reply has been due to the fact that the city council has been considering the matter of financial policy in this connection.

Taking up the several questions contained in your letter in the order given, I beg to advise you as follows:

(1) The requirement for a certified check to accompany the bid is mandatory. The call for bids does not contain a form of bid bond as you state. It does, however, on page 10 of the Notice, Proposal, Drawings and Specifications provide for the execution of an agreement to furnish bonds in the event the contract is awarded on the basis of the proposal.

(2) The cash now available in the City Treasury for the project is made up of somewhat in excess of \$900,000.00 in cash, being the proceeds of prior sales of a portion of the Pipe Line and Reservoir Bond Fund together with \$600,000.00 of surplus funds, being the unexpended proceeds from sales of bonds heretofore authorized for the construction of the Sutherland Dam, a project which has been entirely discontinued.

(3) The City has had under consideration using this \$600,000.00 to purchase a like amount of El Capitan bonds. The authority for so doing is to be found in Chapter 27 of the California Statutes of 1927.

(4) As above stated a portion of the authorized issue of El Capitan bonds has heretofore been sold. There remains unissued \$2,695,000.00.

The City has received recently several offers to purchase all or any portion of the remaining bonds at par and accrued interest.

(5) It is not intended to transfer any funds from the General or miscellaneous funds of the city to the El Capitan Dam Bond Fund; neither is there any intention on the part of the City of requesting or requiring the contractor to take

John M. Martin, Esq. - 2.

any portion of the contract price in El Capitan bonds. Payment for the work will be made from time to time in cash. To restate the matter, please be advised that the city now has available in cash for the projected El Capitan project \$1,500,000.00. Before any additional moneys are required for the payments on the contract, the City intends to do either one of two things, first, from time to time to sell additional blocks of the El Capitan bonds sufficient to provide well in advance for cash payments upon the construction work; or, second, to authorize the Treasurer to buy from time to time blocks of bonds on behalf of the City under the statute above cited, using therefor surplus funds in the Treasury - which, so far as the contractor is concerned, amounts to the same thing.

It is, of course, entirely lawful for the City to purchase its own bonds with any funds in the Treasury which are not needed for immediate use. Bonds so purchased by the City may afterwards be sold at the best price obtainable when the sale is made. They may be sold for less than par and accrued interest, if it should be necessary so to do, any difference or discount being paid into the bond fund from the General or Reserve Fund of the City. The Council at this time seems to feel that it is sounder financial policy not to sell the bonds so far in advance of the requirements for the money, thereby losing a considerable sum in interest. The City always has had and will continue to have funds in its treasury not needed for immediate use which can be availed of under the Statute of 1927 to purchase its own bonds from time to time in event the bond market should be a little weak. The saving in interest to the City by this policy of not selling the bonds at present, a year or more in advance of the requirement for the funds, would it is believed more than compensate for any possible discount which the City might ultimately have to stand in disposing of blocks of the bonds theretofore purchased by it.

Trusting that the foregoing explanation will satisfactorily answer your inquiries, and assuring you of our desire to fully inform you in the matter, I am,

Very truly yours,

C. L. Byers
City Attorney

HBD/S

April 2, 1932

Mr. H. N. Savage
Engineer in Charge
Water Development Dept.,
San Diego, California.

Dear Sir:

Subject: San Diego River Project; El Capitan Dam,
Spillway and Outlet Works; Bids; Special
Requirements of Purchasing Department

This is in acknowledgement of your letters of March 19th and
March 21, 1932, both of which relate to the above subject.

I have examined the circular memorandum dated December 19,
1931, issued by the Purchasing Department relating to special
requirements on the El Capitan project.

The rights, duties and obligations of the successful bidder
on the El Capitan Dam project are measured by and limited to the
provisions and requirements contained in official Document No.
274415, being the notice inviting bids, proposal, form of contract,
drawings and specifications. In so far as the Purchasing Depart-
ment's memorandum calls attention to and is merely explanatory of
such provisions and requirements, it is entirely proper. To the
extent, however, which it may attempt to set up special or addi-
tional requirements it should be, indeed, must be, disregarded.

The circular states that only citizens of San Diego are to
be employed. This requirement is a part of the contract and
specifications; but it also intimates that the contractor will
be required to purchase all supplies, materials and equipment
through local merchants, manufacturers and distributors. There
is no such requirement in the specifications, and it is beyond
the power of the Council to require the contractor to do this.

It is also stated that the city will expect successful con-
tractors to select men from lists prepared and approved by the
Civil Service and the Purchasing Department. The contractor
cannot legally be required to do this. He may, of course, as
a matter of convenience, make use of such lists, or he may dis-
regard them, at his option without in any wise breaching the
spirit or letter of his contractual obligations.

The circular letter also assumes to require that the success-
ful bidder must furnish bonds placed through a reputable San Diego
broker, and with a bonding company that has a rating of A-1 or
better. This requirement is unenforceable, and may be disregarded.
The character of bonds required is set forth in the notice, con-
tract, specifications, etc.

The circular also assumes to state that The City of San Diego
will not approve the purchase of foreign made supplies, materials
and equipment used in the work is solely the province of the
Hydraulic Engineer in charge of the work. The Purchasing

Department has nothing whatever to do with this matter. Furthermore, as above stated, the City has no legal right to require the purchase of supplies, materials or equipment locally.

Naturally it would be pleasing to the administration if the contractor were to adhere to the policy of patronizing local merchants, and I imagine that the successful bidder will as a matter of policy do so to whatever extent may be practicable; but most certainly he cannot be forced to do so.

In the final clause of the circular bidders are invited to submit a letter supplementing their bids, outlining their policy in regard to labor, supplies, material, equipment, bonds and insurance, the impression being given that bidders who announce their intention to a bid by the so-called special requirements of the circular will be given a preference by the Council over bidders who do not, irrespective of the amount of the bid. Such an impression is erroneous. Under the law the Council, unless it rejects all bids, must award the contract to the lowest responsible bidder. The fact that a bidder may agree to abide by the "special requirements" of the Purchasing Department is immaterial.

Trusting that the foregoing will enable you to straighten out any confusion or misapprehension which may have arisen in the minds of prospective bidders, I am,

Very truly yours,

H. B. Daniel
Assistant City Attorney.

HBD/S

December 19, 1931.

PURCHASING DEPARTMENT MEMORANDUM.

FOR: ALL CONTRACTORS WHO WISH TO BID ON EL CAPITAN DAM WORK.

SUBJECT: CITY OF SAN DIEGO'S SPECIAL REQUIREMENTS.

Prior to the voting of bond funds for El Capitan work, the Common Council pledged to the people by resolution and through the newspapers, to the following effect:

That only citizens of San Diego would be given employment, and that all supplies, materials, and equipment must be purchased through local merchants, manufacturers and distributors.

Practically without exception all kinds of labor can be procured from among the unemployed men of this City. The bond fund moneys were made available by the people as much to relieve unemployment as to attain additional water. Accordingly, in the enforcement of the citizen-labor clause in all contracts pertaining to this work, the City will expect successful contractors to select men from lists prepared and approved by the Civil Service and the Purchasing Departments; and the Purchasing Agent, who is charged with responsibility for the enforcement of the citizen-labor clause, expects to enforce the citizen-labor rule rigidly. Contractors are warned accordingly.

Bidders are also warned that bonds which successful bidders are required to furnish, will not be recommended for acceptance to the Common Council by the Purchasing Agent, unless they have been placed through a reputable San Diego broker and with a bonding company that has a rating of "A-1" or better.

In view of the fact that the funds have been voted partly to relieve unemployment, the City of San Diego will not approve the purchase of foreign-made supplies, materials, and equipment to be used in the construction work at El Capitan Dam. The use of such supplies will be reported, when discovered, to the Common Council and to the newspapers of the City of San Diego. Preference must be shown to San Diego products, California products and American-made products in the order named.

Contracts in each case will be let by the Common Council to the lowest and best bidders. The decision as to what constitutes "the lowest and best bidder" is entirely within the discretion of the Common Council of the City of San Diego, and the right is always reserved to reject any and all bids.

Bidders who intend to comply with these special requirements, not all of which are specifically mentioned in the contract, are authorized to submit a letter with each bid supplementing their bids and outlining their policy in regard to labor, supplies, materials, equipment, bonds and insurance.



A. V. GOEDEL, Superintendent

PURCHASING DEPARTMENT,
CITY OF SAN DIEGO

avg/d

April 12, 1932

From : Hydraulic Engineer
To : Resident Engineer
Subject : El Capitan Reservoir Dam, Spillway and Outlet Works.
Contract Proposals.

1. A written expression is desired from you, covering in general and in detail your first-hand knowledge of the education, training and successful work performed by W. H. Rohl and T. E. Connolly, both or either, with especial reference to qualifications and experience in the construction of hydraulic earth and rock embankment dams and tunnels, and their policies of proper compliance with specification requirements.

HNS/f

April 13, 1932

From : Resident Engineer
To : Hydraulic Engineer
Subject : San Diego River Project, El Capitan Feature
Contract Proposals

1. As requested; here is my report on W. H. Rohl and T. E. Connolly with especial reference to qualifications and experience in the construction of hydraulic earth and rock embankment dams and tunnels.

2. I have no first hand knowledge of W.H. Rohl's experience.

3. T. E. Connolly drove a 2100 foot 8 x 8 tunnel on the Mokelumne River Project for the East Bay Municipal Utility District. Also about 3000 feet of 8 x 9 water tunnel, partly concrete lined, on the Bowman-Spaulding Conduit of the Nevada Irrigation District. This was very difficult tunnel construction thru granite and boulder moraine material full of water. This work was well handled and completed on time.

Mr. Connolly is aggressive, business-like and a contractor whom I can recommend for tunnel work. He also drove a tunnel for the City of San Francisco on the Hetch Hetchy project.

Harold Wood
Harold Wood
Resident Engineer.

HW/p

STATEMENT RELATIVE TO THE CONSTRUCTION EXPERIENCE OF H. W. ROHL
AND T. E. CONNOLLY.

1. Puddingstone Dam. Completed in 1928 by H. W. Rohl for Los Angeles County Flood Control District. The Puddingstone Dam is located in Los Angeles County approximately 4 miles south of San Diemas. It is a rolled earth filled structure, the main dam being approximately 170 feet in height. In addition to the main dam, there are two smaller or auxiliary dams built in saddles surrounding the reservoir basin. This dam was built in layers approximately 6 inches in thickness, sprinkled and rolled.
2. Owyhee Tunnel. This tunnel is now under construction by T. E. Connolly for the U. S. Reclamation Service. It is located near Nyssa, Oregon and a portion of the outlet conduit for Owyhee Dam. The work under construction includes 10,000 feet of tunnel having an inside diameter of 20 feet. These tunnels are entirely driven, with lining in process.
3. Big Dalton Dam. Completed by H. W. Rohl in 1929 for the Los Angeles County Flood Control District. It is a multiple arch dam located on Big Dalton Creek in Los Angeles County, approximately 4 miles above Glendora. The aggregate amount of this contract is about \$900,000. The dam is 200 feet in height and 800 feet in length on top.
4. The Hetch-Hetchy Tunnels. T. E. Connolly completed in 1929 approximately 17,000 feet of the Hetch-Hetchy Tunnels for the City of San Francisco in connection with the water supply from the Tuolumne River. The tunnels built by Mr. Connolly are located between the Moccasin Creek power house and the Tuolumne River. A portion of the tunnels was lined with concrete. The diameter of the tunnels was approximately 17 feet. The aggregate amount of this contract was approximately \$1,000,000.
5. The Peters Dam. The Peters Dam was completed in 1931 by H. W. Rohl for the Irvine Co. It is located on a contributory of Santiago Creek in Orange County. It is a rolled earth fill structure approximately 60 feet in height and 1,000 feet in length on the crest.
6. The Walnut Creek Tunnel was built by T. E. Connolly for East Bay Municipal Utility District. It is approximately 2500 feet long and 10 feet in diameter. Cost a quarter of a million.
7. Chenery Reservoir. The Chenery Reservoir was completed by H. W. Rohl in 1930 for the California Water Service Corporation. It is located near Clyde, Calif. The construction of the Chenery Reservoir involved the placing of approximately 770,000 yards of rolled embankment. It was built on relatively flat land, the embankment material being excavated from the reservoir basin.

Experience of H. W. Rohl and T. E. Connolly, Page 2.

8. Fucker Creek Tunnel. Built by T. E. Connolly for the Nevada Irrigation District. Approximately 3000 feet long, 9 feet in diameter, at a cost of a quarter of a million.
9. City of Riverside Reservoir. In 1927 H. W. Rohl completed for the City of Riverside, Calif., a water storage reservoir with a capacity of approximately 15,000,000 gallons.
10. Beverly Hills Reservoir. H. W. Rohl in 1926 completed two water storage reservoirs for the City of Beverly Hills, Calif.
11. The Don Pedro Dam Power House Addition. In 1929 T. E. Connolly constructed an addition to the power house at Don Pedro Dam of the Modesto-Turlock Irrigation District. This work consisted of the construction of power house buildings and the installation of equipment on the lower toe of the Don Pedro Dam located on the Tuolumne River. Included in this contract was the construction of two tunnels driven on a grade of approximately 45 degrees through the Don Pedro Dam.
12. Bay Shore Highway. In 1930 H. W. Rohl constructed the Bay Shore Highway for the California State Highway Commission. This highway is located on the south shore of San Francisco Bay from South San Francisco to San Francisco. It involved the excavation of some 1,300,000 cu. yds. in two miles.
13. The Figueroa Street Tunnels. In 1931 H. W. Rohl constructed the Figueroa Street tunnels for the Board of Public Works of the City of Los Angeles. These tunnels, three in number, are located within the City of Los Angeles, under Elysian Park. The tunnels are 46 feet wide and 28 feet high.

STATEMENT OF H. W. ROHL AND T. E. CONNOLLY
RELATIVE TO "GUARANTY OF BONDS"

The agreement to furnish bonds for H. W. Rohl and T. E. Connolly as required by Specifications and Regulations of the City of San Diego, in the event contract is awarded has been executed by the Metropolitan Casualty Company of New York by John T. Brunn, whose power of attorney is on file with the City of San Diego in accordance with requirements of the City of San Diego, and by the Commercial Casualty Insurance Company of Newark, New Jersey by John T. Brunn, whose power of attorney is on file with the City of San Diego in accordance with the requirements of the City of San Diego.

The combined paid up capital and surplus as shown by the last semi-annual report of the United States Treasury Department for the two Surety Companies above mentioned is the sum of \$4,999,000. In accordance with the Treasury requirements, either one of the above mentioned Surety Companies is authorized to execute the bonds for H. W. Rohl and T. E. Connolly as required by the Specifications and Regulations of the United States Treasury Department.

The United States Treasury Department by its regulations does require that where the amount of the bond is in excess of ten per cent (10%) of the paid up capital and surplus of the Surety Company executing the bond, that such Surety Company must within 45 days after the execution of such bond file with the Treasury Department a certificate to the effect that to the extent the bond so written exceeds the 10% of the paid up capital and surplus of such Surety Company, that reinsurance covering such risk has been placed with other Surety Companies holding certificates of authority from the Secretary of the Treasury.

Due to the fact that the Specifications expressly state that the Surety Company executing the bidders' "Guaranty of Bonds" will be limited to such amounts as would be acceptable to the Treasury Department, Metropolitan Casualty Insurance Company of New York and the Commercial Casualty Insurance Company of New Jersey have in turn received co-surety and reinsurance commitments for the purpose of fully complying with the Specifications and Regulations of the City of San Diego and requirements of the United States Treasury Department.

There is now in possession of the above Surety Companies and available for delivery to the City of San Diego written co-surety and reinsurance commitments from the following Surety Companies:

Statement Kohl-Connolly re "Guaranty of Bonds"

Page 2.

<u>Name of Surety Company</u>	<u>Authorized List as per U. S. Treasury Dept. Report of Sept. 10, 1931</u>
Columbia Casualty Co.	\$ 182,804
Commerce Casualty Co.	115,000
Glens Falls Indemnity Co.	160,000
The Aetna Casualty & Surety Co.	1,298,395
Maryland Casualty Co.	843,002
Union Indemnity Co.	200,000
Massachusetts Bonding & Insurance Co.	781,115
Hartford Accident & Indemnity Co.	1,000,296
The General Reinsurance Corpn.	
Metropolitan Casualty Ins. Co.	269,439
Commercial Casualty Insurance Co.	229,470
General Reinsurance Corporation	227,033

The total of the Kohl-Connolly bid is the sum of \$2,332,800. and the largest bond required is the Faithful Performance Bond of 75%, or to wit: the sum of \$1,749,600.

H. W. ROHL and T. E. CONNOLLY

BY John M. Martin (signature)
Attorney at Law

JOHN M. MARTIN
FRANK L. MARTIN, JR. - JAMES N. FARLEY

Attorneys at Law

Los Angeles, Calif.

San Diego, Calif.,
April 13, 1932.

City Clerk,
City of San Diego.

Re: El Capitan Dam

Dear Sir:

We accompanied our bid on the above job with a cashier's check written by the Bank of America, Los Angeles, payable to the order of the City Clerk of the City of San Diego in the sum of \$150,000.00, together with a certified check payable to the order of the City Clerk of the City of San Diego in the sum of \$150,000.00 as a guarantee that we would, if successful bidder, promptly execute a satisfactory contract and furnish bonds for the faithful performance of the work as required by paragraph 5 of the specifications.

The purpose of this letter is to authorize you, and the undersigned, and each of them, do hereby authorize you to forthwith cash the above mentioned cashier's check and to hold the proceeds thereof, together with the above mentioned certified check, as a guarantee that H. W. Rohl and T. E. Connolly will promptly execute a satisfactory contract and furnish bonds for the faithful performance of the work as required by paragraph 5 of the specifications for the above job in the event they are awarded the contract therefor.

Very truly yours,

H. W. ROHL & T. E. CONNOLLY

By T. E. CONNOLLY (Signature)

By H. W. ROHL (Signature)

CC to:
H. N. Savage, Hydraulic Engineer,
C. L. Byers, City Attorney

April 14, 1932

TO THE HONORABLE, THE MAYOR AND COMMON COUNCIL
OF THE CITY OF SAN DIEGO, CALIFORNIA.

Subject: City of San Diego, San Diego River
Project, El Capitan Reservoir Dam,
Spillway and Outlet Works. Tabulation
of Bids opened April 11, 1932.

Gentlemen:

Enclosed are City of San Diego's Drawings WD-402,
Sheets 1 of 2 and 2 of 2, showing the tabulated bids
and restrictions and conditions for the El Capitan
Reservoir Dam, Spillway and Outlet Works, opened by the
City of San Diego on April 11, 1932.

Respectfully,

H. N. Savage,
Hydraulic Engineer.

HNS/f
Encl. WD-402 - Sheets 1 and 2 of 2
cc Mayor Walter W. Austin
cc Councilman J.V. Alexander
cc Councilmen Ira S. Irely
cc Councilman Louis C. Maire
cc Councilman J. J. Russo
cc Councilman Alfred Stahel, Jr.

35
-OPY/P

City of San Diego
SAN DIEGO RIVER PROJECT
EL CAPITAN RESERVOIR DAM, SPILLWAY AND OUTLET WORKS
Tabulation of Bids
Received April 13, 1932

April 13, 1932

Item	H. W. Rohl and T. E. Connelly(a)		Utah Construction Company (b)		Northern States Contracting Co. & Butler Brothers(c)		L. E. Dixon Co. & Hall-Johnson Co. (d)		Foley Bros. Inc. & L. T. Lawler & J.C. McGuire(e)	
	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1. Structure excavation Class 1 placed in dam 40,000 cubic yards	1.00	40,000	1.25	50,000	3.60	144,000	1.17	46,800	1.80	72,000
2. Embankment Class 1 originating in borrow pit placed in dam 800,000 cubic yards	1.00	800,000	.94	752,000	.90	720,000	1.10	880,000	1.53 ^{3/4}	1,230,000
3. Structure excavation Class 2 placed in hydraulic fill 350,000 cubic yards	.40	140,000	.56	196,000	.49	171,500	1.20	420,000	.87	304,500
4. Structure excavation Class 2 placed in rolled embankment 50,000 cubic yards	.35	17,500	.56	28,000	.39	19,500	.39	19,500	.75	37,500
5. Embankment Class 2 originating in borrow pit, placed in hydraulic fill 1,000,000 cubic yards	.40	400,000	.47	470,000	.50	500,000	.49	490,000	.55	550,000
6. Embankment Class 2 originating in borrow pit, placed in rolled embankment 70,000 cubic yards	.35	24,500	.48	33,600	.34	23,800	.41	28,700	.50	35,000
7. Excavation Class 3 from cutoff trench placed in dam 12,000 cubic yards	3.00	36,000	5.00	60,000	4.20	50,400	3.78	45,360	5.40	64,800
8. Excavation Class 4 from cutoff trench under spillway placed in dam 5,000 cubic yards	2.00	10,000	2.65	13,250	2.10	10,500	3.78	18,900	3.24	16,200
9. Excavation Class 5 from tunnel placed in dam 30,000 cubic yards	5.00	150,000	7.00	210,000	7.61	228,300	10.00	300,000	6.00	180,000
10. Structure excavation Class 1, wasted 20,000 cubic yards	1.00	20,000	1.25	25,000	1.75	35,000	1.07	21,400	1.76	35,200
11. Structure excavation Class 2 wasted 34,000 cubic yards	.25	8,500	.48	16,320	.25	8,500	1.00	34,000	.87	29,500

Item	H. V. Rohl and T. E. Connelly(a)		Utah Construction Company(b)		Northern States Contracting Co. & Butler Bros.(c)		L. S. Dixon Co. and (d)		Foley Bros. Inc. & L. T. Lawler & J. C. Maguire (e)	
	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
12. Excavation Class 3 cutoff trench, wasted 1,000 cubic yards	3.00	3,000	5.00	5,000	4.20	4,200	4.60	4,600	5.42	5,420
13. Excavation Class 4 cutoff trench under spillway, wasted 500 cubic yards	1.50	750	2.60	1,300	2.10	1,050	4.50	2,250	3.24	1,620
14. Excavation Class 5 outlet tunnel, wasted 300 cubic yards	5.00	1,500	6.50	1,950	5.20	1,560	9.75	2,925	6.00	1,800
15. Rock masonry in place between tunnel plugs 4,000 cubic yards	6.00	24,000	3.50	14,000	3.89	15,560	2.50	10,000	7.55	30,200
16. Backfill 1,000 cubic yards	.50	500	.70	700	.70	700	.75	750	.55	550
17. Mass concrete Class 1 18,000 cubic yards	4.80	86,400	5.50	99,000	6.30	133,400	3.60	64,800	6.50	117,000
18. Concrete Class 2 3,000 cubic yards	9.00	27,000	9.00	27,000	8.40	25,200	7.00	21,000	15.70	47,100
19. Concrete Class 3 6,000 cubic yards	4.80	28,800	6.00	36,000	7.70	46,200	5.20	31,200	6.11	36,660
20. Concrete Class 4 3,000 cubic yards	4.80	14,400	5.50	16,500	6.64	19,920	7.00	21,000	9.37	28,110
21. Concrete Class 5 7,300 cubic yards	4.80	35,040	5.50	40,150	10.85	79,205	6.10	44,530	25.50	186,150
22. Concrete Class 6 1,200 cubic yards	4.80	5,760	6.50	7,800	7.35	8,820	6.50	7,800	9.37	11,244
23. Concrete Class 7 2,000 cubic yards	15.00	30,000	14.00	28,000	10.85	21,700	11.60	23,200	18.06	36,120
24. Concrete Class 8 10,500 cubic yards	4.80	50,400	7.00	73,500	6.30	66,150	7.60	79,800	8.43	88,515
25. Concrete Class 9 400 cubic yards	12.00	4,800	9.75	3,900	9.10	3,640	6.10	2,440	24.73	9,892
26. Concrete Class 10 3,300 cubic yards	12.00	39,600	12.50	41,250	11.26	37,158	15.00	49,500	17.23	56,859
27. Concrete Class 11 1,500 cubic yards	4.80	7,200	6.75	10,125	11.26	16,890	4.20	6,300	7.27	10,905

Item	H. V. Rohl and T. E. Connelly (a)		Utah Construction Company (b)		Northern States Contracting Co. & Butler Bros. (c)		L. E. Dixon Co. and Hall-Johnson Co. (d)		Foley Bros. Inc. & L. T. Lawler & J. C. Maguire (e)	
	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
28. Concrete Class 12 1,000 cubic yards	4.80	4,800	6.00	6,000	6.30	6,300	4.20	4,200	5.94	5,940
29. Concrete Class 13 2,000 cubic yards	12.00	24,000	9.50	19,000	8.40	16,800	6.10	12,200	13.65	27,300
30. Concrete Class 14 600 cubic yards	4.80	2,880	7.00	4,200	10.50	6,300	4.00	2,400	9.10	5,460
31. Concrete Class 15 125 cubic yards	4.80	600	7.00	875	10.50	1,312.50	4.20	525	10.78	1,347.50
32. Cement mortar 100 cubic yards	20.00	2,000	7.00	700	14.00	1,400	5.00	500	10.86	1,086
33. Cement in place 67,000 barrels	1.90	127,300	2.10	140,700	3.00	201,000	2.15	144,050	2.50	167,500
34. Reinforcing steel in place 2,400,000 pounds	.03	72,000	.033	79,200	.04	96,000	.0285	68,400	.043	103,200
35. Structural steel in place 496,000 pounds	.04	19,840	.055	27,280	.06	29,760	.0425	21,080	.052	25,792
36. 4" drain tile in place 6,000 linear feet	.40	2,400	.40	2,400	.13	780	.15	900	.40	2,400
37. 6" drain tile in place 2,000 linear feet	.50	1,000	.50	1,000	.20	400	.25	500	.58	1,160
38. 8" drain tile in place 1,000 linear feet	.60	600	.70	700	.32	320	.35	350	.74	740
39. 12" drain tile in place 1,000 linear feet	.75	750	1.00	1,000	.56	560	.60	600	1.07	1,070
40. 2" steel grout & drain pipe in place 3,000 linear feet	.25	750	.40	1,200	.52	1,560	.25	750	.89	2,670
41. 4" steel grout and drain pipe in place 1,000 linear feet	1.00	1,000	.90	900	1.40	1,400	.70	700	1.33	1,330
42. Pressure grouting in tunnel plugs 20,000 cubic feet	1.00	20,000	.40	8,000	.52	10,400	1.00	20,000	.70	14,000
43. Holes drilled with con- cussion drills 1,000 linear feet	1.00	1,000	.70	700	1.40	1,400	1.00	1,000	.89	890

Item	H. W. Mohl and T. E. Connolly (a)		Utah Construction Company (b)		Northern States Contracting Co. & Butler Bros. (c)		L. E. Dixon Co. and Hall-Johnson Co. (d)		Foley Bros. Inc. & L. T. Lawler & J. C. Maguire (e)	
	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
44. Holes drilled with core recovery drill 1,000 linear feet	5.00	5,000	3.20	3,200	12.00	12,000	3.00	3,000	4.44	4,440
45. Grouting 5,000 cubic feet	1.00	5,000	.80	4,000	.66	3,300	1.00	5,000	.89	4,450
46. Copper water stop in place 9,000 pounds	.30	2,700	.40	3,600	.28	2,520	.35	3,150	.44	3,960
47. 2" pipe railing in place 300 linear feet	.30	90	1.00	300	7.00	2,100	1.00	300	2.67	801
48. Cast iron pipe & special castings in place 800,000 pounds	.04	32,000	.035	28,000	.08	64,000	.04	32,000	.0425	34,000
49. Placing metal work furnished by the City 30,000 pounds	.05	1,500	.025	750	.02	600	.03	900	.027	810
TOTALS		2,332,860		2,594,050		2,853,065.50		2,999,260		3,633,271.50

NOTES:

- (a) 1. Certified check \$150,000. Cashiers check \$150,000
- 2. Guaranty of bonds, 2 companies, no limit stated.
- (b) 1. Guaranty of bonds, 8 companies, definite percentage stated for each.
- (c) 1. Proposal conditioned upon City maintaining at all times a balance of funds available for payment to contractor of \$100,000, in excess of amounts theretofore earned by the contractor, including the withheld 25 per cent, for which payment has not been made, contractor will compensate the City for loss of interest resulting from this financial provision.
- 2. Guaranty of bonds, 2 companies no limit stated, and 3 companies definite apportionment stated for each.
- (d) 1. Cashiers checks total \$300,000
- 2. Guaranty of bonds, 7 companies definite apportionment stated for each.
- 3. Guaranty of bonds conditioned upon sufficient funds being in City Treasurer's hands to comply with paragraph 80 of the City Charter and
- 4. Upon contractor being relieved of responsibility for damages resulting from acts of God.
- (e) 1. Proposal conditioned upon City furnishing adequate right of way for access to the dam in the event of the closing of the present road.

April 16, 1932

TO THE HONORABLE, THE MAYOR AND COMMON COUNCIL
OF THE CITY OF SAN DIEGO, CALIFORNIA.

Subject: San Diego River Project, El Capitan Reservoir
Dam, Spillway and Outlet Works, Proposals
opened April 11, 1932.

Gentlemen:

On April 11, 1932, the City of San Diego, in response to its notice inviting bids for the construction of the El Capitan Reservoir Dam, Spillway and Outlet Works, received five bids which were duly opened by the City Clerk and publicly read. Following is brief summary of each of the five proposals.

FOLEY BROTHERS INCORPORATED
900 New York Building, St. Paul, Minnesota.

L. T. LAWLER
J. C. MAGUIRE
Butte, Montana

Proposal accompanied by four certified checks
totaling \$375,000.

Total amount of proposal \$3,633,271.50

Guaranty of bonds executed by
United States Fidelity and Guaranty Company

Memorandum inserted between pages 22 and 23 makes proposal conditioned upon City's furnishing adequate right of way for access to the dam in event of the closing of the present road.

L. E. DIXON and HALL-JOHNSON
609 So. Grand Avenue, Los Angeles.

Proposal accompanied by three cashier's checks
totaling \$300,000

Total amount of proposal \$2,999,260.00

Guaranty of bonds executed on separate sheet attached
to page 10:

Fidelity and Deposit Company of Maryland	one-fifth
Hartford Accident & Indemnity Company	one-fifth
National Surety Company	one-fifth
Massachusetts Bonding & Insurance Co	one-tenth
Columbia Casualty Company	one-tenth
Aetna Casualty & Surety Company	one-tenth
United States Fidelity & Guaranty Company	one-tenth

Guaranty of bonds conditioned upon sufficient funds being
in City Treasurer's hands to comply with Paragraph 80 of the
City Charter and on contractor being relieved of responsibility
for damages resulting from acts of God.

NORTHERN STATES CONTRACTING COMPANY and BUTLER BROTHERS
St. Paul, Minnesota.

Proposal accompanied by certified check for \$250,000

Total amount of proposal \$2,853,065.50

Guaranty of bonds executed on separate sheets and
stapled to inside cover page, as follows:

The Aetna Casualty & Surety Co.	Amount not limited
United States Fidelity and Guaranty Co.	" "
Massachusetts Bonding and Insurance Co.	For one-tenth
Hartford Accident and Indemnity Company.	For one-tenth
Standard Accident Insurance Company.	For one-eighth

Also stapled to the inside cover page is letter dated April
11, 1932, providing that proposal is conditioned upon City main-
taining at all times a balance of funds available for payment to
it in amount at least \$100,000 in excess of the amounts thereo-
fore earned by the contractor (including the withheld 25%) for
which payment has not been made, contractor to compensate the City
for loss of interest resulting from this financial provision.

THE UTAH CONSTRUCTION CO.
No. 1 Montgomery Street, San Francisco.

Proposal accompanied by certified check for \$300,000

Total amount of proposal \$2,594,050.00

Guaranty of bonds executed on typewritten sheet inserted
between pages 10 and 11, by the following:

National Surety Company	For	30%
Hartford Accident and Indemnity Company	For	25%
American Surety Company of New York	For	10%
Maryland Casualty Company	For	10%
Great American Indemnity Company	For	10%
Indemnity Insurance Company of North America	For	5%
Columbia Casualty Company	For	5%
Pacific Indemnity Company	For	5%

No conditions or restrictions.

H. W. ROHL and T. E. CONNOLLY
4351 Alhambra Avenue, Los Angeles

Proposal accompanied by certified check for \$150,000 and
Cashier's check for \$150,000

Total amount of proposal \$2,332,860.00

Guaranty of bonds executed by:

The Metropolitan Casualty Insurance Company of New York
Commercial Casualty Insurance Company

Division of liability not stated.

No conditions or restrictions.

Enclosed is Drawing WD-402, Sheets 1 and 2, showing the
tabulation of the bids.

SUMMARY OF BIDS

Foley Brothers Inc., and L. T. Lawler J. C. Maguire	\$3,633,271.50
L. E. Dixon Company and Hall-Johnson Company	2,999,260.00
Northern States Contracting Company and Butler Brothers	2,853,065.50
The Utah Construction Company	2,594,050.00
H. W. Rohl and T. E. Connolly	2,332,860.00

Contract construction accomplishments of each Mr. H. W. Rohl and Mr. T. E. Connolly have been personally known to me over a period of years. I have personally inspected construction work each has had in hand and successfully accomplished to the satisfaction of the principals. In my knowledge they are prominently experienced in constructing public works of difficult type and major magnitude. They have furnished satisfactory evidence of their financial responsibility and preparedness with necessary personnel organization, capital, machinery and material to begin work promptly and conduct it to a conclusion as required by the City's specifications.

H. W. Rohl and T. E. Connolly's proposal to construct the City of San Diego's El Capitan Reservoir Dam, Spillway and Outlet Works as submitted in their itemized proposal for the sum of \$2,332,860.00 is not only prominently the lowest bid of the five proposals received, but is \$261,190 Lower than the next lowest bid.

In view of the above facts, H. W. Rohl and T. E. Connolly are found to be the lowest responsible and reliable bidders.

By reason of the controlling seasonal and hydraulic factors involved, it is of paramount importance to the City of San Diego and relatively equally so to the interest of the contractor to whom the award is made, that the construction of the City's El Capitan Reservoir Dam, Spillway and Outlet Works be entered upon at the very earliest practicable date to insure maximum

progress and advancement of the work before the next winter season of potential flood runoff.

RECOMMENDATION: Provided the City Attorney finds the City of San Diego is and will be properly, legally and financially protected in accepting the proposal as submitted by H. W. Rohl and T. E. Connolly, it is respectfully recommended that the proposal of H. W. Rohl and T. E. Connolly be accepted and the work be awarded to them for the construction of the El Capitan Reservoir Dam, Spillway and Outlet Works at the unit prices stated in their proposal, and that a contract be executed between the City of San Diego and H. W. Rohl and T. E. Connolly at the earliest practicable date.

Respectfully,

H. N. Savage,
Hydraulic Engineer

HNS/p
Encls (2)
Drawing WD-402 Sheets 1 and 2 of 2,
Tabulation of Bids

April 16, 1932.

Mr. H. N. Savage,
Hydraulic Engineer,
San Diego, Calif.

My dear Mr. Savage:

Herewith is inclosed for your information and files
copy of the report and opinion of the City Attorney regard-
ing the El Capitan bids which has been filed with the City
Clerk this day.

Yours very truly,

G. L. Byers,
City Attorney.

April 16, 1932.

To the Honorable, the Mayor and Common Council,
of The City of San Diego, California.

Gentlemen:

I hand you herewith five bids submitted on the El Capitan Dam construction project. I have checked the legality of all the bids, and after careful consideration I beg to advise you:

First, that the report of the Hydraulic Engineer of The City of San Diego in connection with said bids, and which is handed you herewith in connection with this report, has my approval.

Second, that three of the bids as follows:

L. E. Dixon Company and Hall-Johnson Company,
Foley Inc. and Lawler & Maquire, and
Utah States Contracting Co. and Butler Bros.

are not only the three high bids, but are defective in form as being submitted upon certain conditions not found in the specifications. May I call your attention to that portion of the specifications under "General Condition", Section 2, as follows:

"The right is reserved to reject any or all proposals, to accept one part of a proposal, and reject the other, and to waive technical defects as the interest of the City of San Diego may require."

You are therefore advised that the three bids above enumerated may in your discretion be rejected and returned.

The bid of the Utah Construction Company and the H. W. Rohl and T. E. Connolly bid are both unconditional bids and in proper form, the bid of H. W. Rohl and T. E. Connolly being the low bid. The financial responsibilities and the past experience of the low bidder have been carefully considered and investigated, and it is my recommendation that H. W. Rohl and T. E. Connolly be considered the lowest responsible bidder.

In connection with the security placed with the City guaranteeing the execution of a contract by the successful bidder, may I call your attention to that portion of the specifications under "General Conditions", section 3, as follows:

"If the bidder to whom an award is made fails or refuses to execute the required contract and bond within the time specified in paragraph four, or such additional time as may be allowed by the engineer, the proceeds of his check shall become subject to deposit in the Treasury of the City of San Diego as moneys belonging to the City of San Diego, the proceeds of said check being agreed upon as liquidated damages to the City of San Diego on account of the delay in the execution of the contract and bond and the performance of work thereunder, and the necessity of accepting a higher or less desirable

resulting from such failure or refusal to execute contract and bond as required. The check of the successful bidder will be returned after the execution of his contract and the approval of his bond on behalf of the City of San Diego; and the checks of the other bidders will be returned at the expiration of forty-five days from the date of opening proposals, or sooner if contract is executed prior to that time."

It is therefore necessary, expedient and proper for the City to retain the security placed in connection with the unconditional bids which are regular, and which may be the subject of your consideration and discretion until a contract is actually executed.

For your information, please be advised that section 4 of the specifications requires:

"The bidder to whom award is made shall execute a written contract with the City of San Diego and, if bonds are required, furnish good and approved bonds within ten days after award of contract is made."

RECOMMENDATION: It is therefore recommended that H.W. Rohl and T. E. Connolly be considered the lowest responsible bidder, and that an award be made on the tenth day after the opening of bids.

Respectfully submitted,

C. L. Byers

C. L. Byers,
City Attorney.

CLB/M

STATEMENT OF H. W. ROHL AND T. E. CONNOLLY RELATIVE TO
"GUARANTY OF BONDS"

The agreement to furnish bonds for H. W. Rohl and T. E. Connolly as required by Specifications and Regulations of the City of San Diego, in the event contract is awarded, has been executed by the Metropolitan Casualty Company of New York by John T. Brunn, whose power of attorney is on file with the City of San Diego in accordance with requirements of the City of San Diego, and by the Commercial Casualty Insurance Company of Newark, New Jersey by John T. Brunn, whose power of attorney is on file with the City of San Diego in accordance with the requirements of the City of San Diego.

The combined paid up capital and surplus as shown by the last semi-annual report of the United States Treasury Department for the two Surety Companies above mentioned is the sum of \$4,999,000. In accordance with the Treasury requirements, either one of the above mentioned Surety Companies is authorized to execute the bonds for H. W. Rohl and T. E. Connolly as required by the Specifications and Regulations of the United States Treasury Department.

The United States Treasury Department by its regulations does require that where the amount of the bond is in excess of ten per cent (10% of the paid up capital and surplus of the Surety Company executing the bond, that such Surety Company must within 45 days after the execution of such bond file with the Treasury Department a certificate to the effect that to the extent the bond so written exceeds the 10% of the paid up capital and surplus of such Surety Company, that reinsurance covering such risk has been placed with other Surety Companies holding certificates of authority from the Secretary of the Treasury.

Due to the fact that the Specifications expressly state that the Surety Company executing the bidders' "Guaranty of Bonds" will be limited to such amounts as would be acceptable to the Treasury Department, Metropolitan Casualty Insurance Company of New York and the Commercial Casualty Insurance Company of New Jersey have in turn received co-surety and reinsurance commitments for the purpose of fully complying with the Specifications and Regulations of the City of San Diego and requirements of the United States Treasury Department.

There is now in possession of the above Surety Companies and available for delivery to the City of San Diego written co-surety and reinsurance commitments from the following Surety Companies:

<u>Name of Surety Company</u>	<u>Authorized List as per U. S. Treasury Dept. Report of Sept. 10, 1931</u>
Columbia Casualty Co.	\$182,804.
Commerce Casualty Co.	115,000.
Glens Falls Indemnity Co.	160,000.
The Aetna Casualty & Surety Co.	1,298,395.
Maryland Casualty Co.	843,002.
Union Indemnity Co.	200,000.
Massachusetts Bonding & Insurance Co.	781,115.
Hartford Accident & Indemnity Co.	1,000,296.
The General Reinsurance Corpn.	
Metropolitan Casualty Ins. Co.	269,439.
Commercial Casualty Insurance Co.	229,470.
General Reinsurance Corporation	227,033.

The total of the Rohl-Connolly bid is the sum of \$2,332,800.
and the largest bond required is the Faithful Performance Bond
of 75%, or to wit: the sum of \$1,749,600.

H. W. ROHL and T. E. CONNOLLY

BY John M. Martin
Attorney at Law

April 21, 1932

TO THE HONORABLE, THE MAYOR AND COMMON COUNCIL
OF THE CITY OF SAN DIEGO, CALIFORNIA

Subject: Document No. 275698, San Diego River Project,
El Capitan Feature, Construction,
Administrative Policy.

Gentlemen:

Receipt is acknowledged by reference from your Honorable Body of Document No. 275698, being an informal non-competitive offer initiated by the Daley Corporation and H. G. Fenton Material Company to supervise the construction with City forces of the City of San Diego's projected El Capitan Reservoir Dam, Spillway and Outlet Works at an asserted saving to the City of San Diego of at least \$75,000, under the cost to the City if a contract be entered into by the City with H. W. Kuhl and T. E. Connolly on the basis of their formal competitive bid to construct the City's projected El Capitan Reservoir Dam, Spillway and Outlet Works at the unit prices bid by them based on the estimated quantities of the items of work required to be performed as provided for in the City's Drawings and Specifications under which five formal competitive bids were received and opened April 11, 1932.

The purport of the Daley and Fenton proposal is about as follows:

"The undersigned companies will guarantee that the El Capitan Dam can be constructed for at least \$75,000.00 less money than it will cost the City if the same is let by contract to the lowest bidder under the recent advertisement if the same is done by the City forces under the following plan:

"1. We will supervise the work following the instructions of the Hydraulic Engineer for the sum of \$1,000.00 per month.

"2. We will furnish all the equipment, tools and machinery required at reasonable rentals, prices to be agreed upon.

"3. The City to take out "Flood Insurance" on the dam during the period of its construction, the cost of which will be \$4,000.00, the same to be considered as a part of the cost of the work.

"4. Ten percent (10%) of all moneys coming due as under the foregoing arrangement may be held and retained by the City as our guarantee that the City will save at least the said sum of \$75,000.00 by the plan.

"We think also that if this work is done by the City forces that more of the citizens of San Diego will be given work than if the same is done by an outside contractor.

"As an evidence of our good faith we will be very glad to furnish the City surety bond in any amount up to \$300,000.00, guaranteeing that will live up to all the requirements of the above."

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At a municipal election December 15, 1931, the electors of the City of San Diego provided the necessary funds for, authorized and directed the installation of the City's projected El Capitan Dam.

Resolution No. 57656 enacted by the Common Council December 9, 1931, previous to the above municipal election December 15, 1931, reads as follows:

"Be it resolved by the Common Council of the City of San Diego, as follows:

"That this Common Council goes on record as declaring that the El Capitan Dam shall be built by contract from beginning to end. . . ."

Resolution No. 58064 enacted by the Common Council February 24, 1932, reads as follows:

"Be it resolved by the Common Council of the City of San Diego, as follows:

"That the Superintendent of the Purchasing Department of the City of San Diego be, and he is hereby authorized and directed to advertise for sealed proposals or bids, to be received at the office of the City Clerk of The City of San Diego California, until ten o'clock A.M., of the 11th day of April, 1932, for the construction of the El Capitan Reservoir Dam, Spillway and Outlet Works. . . ."

Resolution No. 58210 enacted by the Common Council March 28, 1932, reads as follows:

"Be it resolved by the Common Council of the City of San Diego as follows:

"That this Council go on record as intending to go ahead with the reception and opening of the bids, already called for, on the El Capitan Project, now set for April 11th; and to award the contract for said work as soon as possible, upon the Hydraulic Engineer's report being filed the following week; it being the plan of this Council to permit no delay in connection with the said project."

In response to the City's public advertisement formally inviting bids for the installation of the City's projected El Capitan

To the Honorable, the Mayor
and Common Council

4/21/32

Reservoir Dam, Spillway and Outlet Works which were opened April 11, 1932, five bids were received from prominently qualified and responsible construction companies, the three highest of which were conditional, and the two lowest of which were unconditional.

The Hydraulic Engineer's estimate of the cost of the projected work was \$2,805,735.00.

The next to the lowest bid, that of the Utah Construction Company, was \$2,594,050.00.

The lowest bid, that of H. W. Kohl and T. S. Connolly, was \$2,332,860.00, which was \$472,875.00 lower than the Hydraulic Engineer's estimate.

Regarding flood insurance referred to in the Daley and Fenton offer of supervision of City force work, following is a copy of communication from V. Wankowski & Company, Insurance Brokers, dated San Diego, California, April 20, 1932:

Mr. H. N. Savage, Hydraulic Engineer
City of San Diego
San Diego, California

Dear Mr. Savage: Re: Earthquake and Flood Insurance
 El Capitan Dam

Anticipating that flood and earthquake damage insurance might be required in connection with the construction of the El Capitan Dam we have made inquiry from one of our agency connections as to what the premium would be for such insurance in the London Lloyd's.

We are informed that a policy covering these contingencies with a deduction of \$25,000. from any one loss might be written for approximately \$4,000. per annum. However, this is not a firm bid as we have no specific application for the insurance, nor definite commitment from the Lloyd's as to this quotation. However, we are informed that the complete specifications have been sent to the Lloyd's in London for a firm quotation.

If you are interested in this matter further we would be glad to furnish you with the firm Lloyd's bid as soon as it is received by us.

Very truly yours,
F. F. Edelen, Secretary"

The 10% withhold by the City of San Diego referred to in the Daley Corporation and H. G. Fenton Material Company offer is understood to be limited to the supervision fee and to the rental of equipment furnished by them.

Daley Corporation and H. G. Fenton Material Company assert that if the work be done under their supervision by City forces, more citizens of San Diego would be given work than if done by an outside contractor.

ARTICLE VI of the City's specifications and form of contract under which Kohl and Connolly bid, states: "It is further required, and the Contractor hereby expressly agrees that no labor other than citizens of The City of San Diego shall be employed on all construction work contemplated by this contract."

Daley and Fenton offer to furnish the City of San Diego a surety bond up to \$300,000 that they will live up to all the requirements of their proposition.

The City's specifications and form of contract require surety bonds for faithful performance and labor and materialmen aggregating about three million dollars.

In entering into the contract Kohl and Connolly will assume all hazards of casualties - earthquakes, floods, strikes and acts of God.

Under the contract to be entered into with Kohl and Connolly the City of San Diego will retain 25 per cent of all the monthly estimates earned by the contractor which will aggregate about \$583,215 when the work is finished.

The City of San Diego under its specifications and formal contract will have a special lien, to secure any claims of the City against the contractor covering all the contractor's plant, machinery, tools, appliances, supplies and materials used on or in connection with the work, which additional surety will amount to over \$300,000.

There is no indication or likelihood known to me that the complete installation of the City's projected El Capitan Reservoir Dam, Spillway and Outlet Works as provided for and required by the City's drawings and specifications can be accomplished for a less cost than the lowest bid of H. W. Kohl and I. A. Connolly of \$2,332,860.00, which is \$472,875.00 less than the Engineer's estimate.

The informal non-competitive tentative offer submitted by Daley Corporation and H. G. Fenton Material Company to supervise the installation of the City's projected El Capitan Reservoir Dam, Spillway and Outlet Works and rent to the City construction equipment thereof, if legal for either the City or Daley and Fenton to enter into, which I seriously doubt, would, in my opinion, be unworkable, inadvisable and unjustifiable.

It is deemed doubtful if the City, in event of requirement therefor, would be able to collect from a surety bond company, if a bond be obtainable on such an agreement, the amount which might properly be due it in case of default by Daley and Fenton.

The compilation and drafting of a comprehensive, legal and binding contract agreement between the City of San Diego and Daley and Fenton on the informal and unprecedented basis they have submitted, which might fully protect the requirements and interests of the City and be fair to Daley and Fenton would be an engineering and legal problem of major magnitude and would require many months to prepare and the ultimate outcome thereunder to the City and the contractor would even then be a very uncertain matter.

The substance of the City's specifications and form of contract under which Rohl and Connolly have submitted their low bid, has been repeatedly in Courts of the sixteen western states, and in my knowledge has been upheld as being protective of the interests of the principal and fair to qualified contractors.

In view of all the facts and factors involved in the installation of the City's projected El Capitan Reservoir Dam, Spillway and Outlet Works, as authorized and directed by a five to one vote of electors of the City of San Diego December 15, 1931, no reason is seen by or known to me to justify the City's disregarding or failing to accept the low bid it has received from H. W. Rohl and T. E. Connolly to perform the work in accordance with the drawings and specifications.

RECOMMENDATION: It is recommended that the City of San Diego immediately accept the formal competitive prominently low bid it has received from H. W. Rohl and T. E. Connolly and award the work to them and execute a contract with them to perform the work.

Respectfully submitted,

H. K. Savage,
Hydraulic Engineer.

HNS/p

Returned herewith is Document No. 275698

DALEY CORPORATION
Paving Contractors
4430 Boundary St.

San Diego, Calif. April 19, 1932.

Mr. H. E. Savage,
Hydraulic Engineer
San Diego, California.

SUBJECT: SAN DIEGO RIVER PROJECT, EL CAPITAN
DAM SPILLWAY AND OUTLET WORK.

Dear Sir:

Replying to your letter of April 19th and supplementing our letter dated April 18th to the Mayor and the Common Council with reference to the above subject.

You have asked for further detailed information, and we respectfully submit the following:

Mr. H. G. Fenton has been actively engaged in General Contracting work in Southern California for the past thirty-five years, principally earth moving work similar to the earth moving work involved in the El Capitan project. He has had wide experience in quarry work for sea walls and jetties similar to the work required in connection with obtaining rock for the El Capitan dam rock fill. As Contractor, he successfully constructed and completed the reconstruction of Sweetwater Dam after the flood of 1916 involving concrete work similar to much of the concrete work involved in the El Capitan project.

Mr. George R. Daley has engaged in General Contracting business in Southern California for the past twenty years, and has successfully completed a number of the larger highway projects. These projects have involved the moving of large quantities of earth and the construction of a number of complicated concrete structures.

It is proposed that the construction of El Capitan Dam be under the direction of Mr. Walter A. Stebbins, a Civil Engineer with twenty-five years' experience on many construction projects. He was with the United States Reclamation Department for eight years, during which time he was in charge of the construction, operation and maintenance of extensive irrigation projects. Since leaving the services of the Reclamation Department, Mr. Stebbins has been a resident of San Diego, during which time he has been Construction Engineer for contractor on the construction of Sweetwater Dam, Construction Engineer for the City of San Diego on the construction of Otay Dam, the Barrett Dam, and also the raising and spillway enlargement of Morena Dam. At the present time he is General Superintendent for the H. G. Fenton Company on various contracting projects, such as State Highway and other improvements. He is also Production manager for the H. G. Fenton Material Company, supervising the operation of several sand and rock plants in San Diego County, which plants are used in the production of concrete aggregates. Mr. Stebbins' thorough knowledge of the engineering and construction features, and the large contracts of which he has either had charge or been associated, makes him entirely capable of taking charge of the El Capitan Dam.

Assisting the General Superintendent, it is proposed to assign Mr. W. W. Albert to the work of supervising the driving of the outlet tunnel and the placing of hydraulic fill. Mr. Albert has had large experience along these lines and has supervised the construction of the majority of hydraulic fill dams in the state, and has built similar works in other parts of the United States, also in Canada and Mexico.

It is further proposed to assign to Mr. W. W. Davis the supervising of the work of loading and transporting hydraulic fill materials to points where they are to be sluiced into the hydraulic fills. It is proposed also that he supervise the securing and transporting and placing of rock in the rock fill portion of the dam. Mr. Davis has served as General Superintendent for the Daley Corporation for the past seventeen years, and has been engaged in work similar to that involved in the proposed assignment.

It is further proposed to assign to Mr. H. A. Kuehsted, reporting to Mr. Albert, considerable of the detail work of supervising the driving and lining of the outlet tunnel, and the supervising of other concrete work provided for in the plans and specifications. Mr. Kuehsted was for three years Chief Engineer of the San Diego Electric Railway and supervised the extension of the railway to La Jolla, the development of Mission Beach and extensive betterment works to City lines, track and overhead construction. Previous to his work with the Electric Railway, Mr. Kuehsted was Engineer for the S. D. & A. Railway for four years during construction period, and had extensive experience in the driving and timbering of railroad tunnels, the construction of concrete tunnel portals, bridge abutments and other heavy concrete construction.

POLICY AND METHODS: Should we undertake the work, it is proposed to immediately start two shovels excavating tunnel portals, and two shovels excavating in the stream bed preparatory to constructing the upstream retaining wall and securing foundation for the upstream rock embankment to a height sufficient to fill the tunnel should such flood run-off occur this coming rainy season.

It appears probable that very satisfactory rock and hydraulic fill material may be obtained economically from the talus slope immediately above and to the west and north of "Area C" shown in the plans, and should the material be approved, it is planned to open up a long face in this material and to wash out the material suitable for hydraulic fill, leaving the cork clean and ready to break and load for transporting and placing in the rock embankment. With the hydraulic fill material so removed, it is planned to store it within the above mentioned "Area C" and to "mud pump" it into the hydraulic fill portion of the dam. Supplementing this course of hydraulic fill material, we would expect to haul with trucks the bulk of the material in Areas "A" and "B" and deliver the same at points near the top of the proposed dam and sluice it into the hydraulic fill through suitable flumes.

With regard to the rock embankment, it is expected to load the material with a $\frac{3}{4}$ cubic yard capacity shovel, transport it

to the dam in trucks and carry the embankment up in lifts of approximately 25 feet. As these lifts are carried up, it is expected to use one or more cranes with 40 ft. boom and caterpillar tread to place the rock on the surface of the slopes so that the slopes may conform to the neat lines provided in the plans.

EQUIPMENT: We have on hand at the present time and immediately available the following equipment:

3 - 1½ cu. yd. gas shovels
 1 - 1 " " " "
 30 - 5 " " dump trucks
 3 - 6 ton flat trucks
 3 - portable air compressors
 6 - 3 cu. yd. dump cars
 3 - 7-ton locomotives
 1 - 2 cu. yd. dragline
 1 - 1 " " concrete mixer
 2 - ½ " " " "

Complete equipment necessary for a 500 ton concrete aggregate crushing screening and washing plant.

2 - Aggregate bins - for batching concrete
 3 - caterpillar tractors - 60 H.P.
 3 - " graders
 1 - " roller
 6 - rock drills - concrete breakers and steel.

Respectfully submitted,

DALEY CORPORATION,

By G. H. Daley
 President

H. G. FENTON MATERIAL COMPANY,

By H. G. Fenton
 President

April 19, 1932

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Daley Corporation
H. G. Fenton Material Company
San Diego, California.

Subject: San Diego River Project, El Capitan
Reservoir Dam, Spillway and Outlet Works

Gentlemen:

Your communication to the Honorable, the Mayor and Common Council dated April 18, 1932, offering to supervise the construction of El Capitan Reservoir Dam, Spillway and Outlet Works for a stipulated monthly fee of \$1,000.00; to furnish all necessary construction equipment on a rental basis; and to guarantee that the cost of the work, if performed by City forces under your supervision and using your equipment, will be at least \$75,000.00 less than if award is made to those submitting the lowest bid on April 11, 1932, has been referred to this office for report.

Please advise this office as soon as practicable as to

The experience and accomplishments of your respective firms in similar work;

The names of the men who would supervise the work for you, the extent of time they would devote to the work and their individual experience and accomplishments on similar work, and

Statement of necessary construction equipment now owned by your respective companies which would be available for use on the work.

Respectfully,

Fred D. Pyle
Acting Hydraulic Engineer

FDP/p

DALEY CORPORATION
Paving Contractors
4430 Boundary Str.

San Diego, Calif.
April 18, 1932

The Honorable,
The Mayor and Common Council of the
City of San Diego, California.

SUBJECT: EL CAPITAN RESERVOIR DAM,
SPILLWAY AND OUTLET WORKS.

Gentlemen:

Section 94 of the Charter of the City provides that the Council may order the construction of public work by the appropriate City forces when the estimates submitted as a part of the Manager's recommendations indicate that the work can be done more economically than if let by contract.

The undersigned companies will guarantee that the El Capitan Dam can be constructed for at least \$75,000.00 less money than it will cost the City if the same is let by contract to the lowest bidder under the recent advertisement if the same is done by the City forces under the following plan:

1. We will supervise the work following the instructions of the Hydraulic Engineer for the sum of \$1,000.00 per month.
2. We will furnish all the equipment, tools and machinery required at reasonable rentals, prices to be agreed upon.
3. The City to take out "Flood Insurance" on the dam during the period of its construction, the cost of which will be \$4,000.00, the same to be considered as a part of the cost of the work.
4. Ten percent (10%) of all moneys coming due as under the foregoing arrangement may be held and retained by the City as our guarantee that the City will save at least the said sum of \$75,000.00 by the plan.

We are citizens of San Diego and very heavy taxpayers, and have the equipment standing idle that is required to build this dam. We understand that it is the Council's policy to keep as much as possible of the money at home which has been voted to build this dam. We think also that if this work is done by the City forces that more of the citizens of San Diego will be given work than if the same is done by an outside contractor. The foregoing reasons, as well as the guaranteed saving of \$75,000.00 in the cost of the work which will result from the City itself doing the work, we believe merit your serious consideration. As an evidence of our good faith we will be very glad to furnish the City surety bond in any amount up to \$300,000.00, guaranteeing that we will live up to all the requirements of the above.

DALEY CORPORATION,

By G. R. Daley
Its President

Respectfully,

H. G. FENTON MATERIAL COMPANY

By H. G. Fenton
Its President

ORDINANCES and RESOLUTIONS

ORDINANCE NO. 9664

AN ORDINANCE CALLING A SPECIAL ELECTION IN THE CITY OF SAN DIEGO, CALIFORNIA, AND SUBMITTING TO THE VOTERS THEREOF A PROPOSITION FOR THE INCURRING OF A BONDED INDEBTEDNESS.

WHEREAS, on the 2nd day of October, A.D. 1924, this Common Council did adopt and pass by a two-thirds vote of all its members, a resolution, entitled, "Resolution No. 32378, A Resolution declaring and determining that the public interest and necessity of The City of San Diego demand the acquisition, construction and completion of certain municipal improvements necessary and convenient to carry out the objects, purposes and powers of the municipality, the cost of which will be too great to be paid out of the ordinary annual income and revenue of the municipality, and reciting the estimated cost of the proposed public improvements;" and

WHEREAS, it was by said resolution resolved, declared and determined that the public interest and necessity of said The City of San Diego, and of the inhabitants thereof, demand the acquisition, construction and completion by said City of certain municipal improvements described in said resolution, and hereinafter in the body of this ordinance set out, and that said municipal improvements are, and each of them is, necessary and convenient to carry out the objects, purposes and powers of the municipality; and

WHEREAS, it was by said resolution, resolved, declared and determined that the estimated cost of all of said municipal improvements is four million, five hundred thousand dollars (\$4,500,000.00), and that said sum will be too great to be paid out of the ordinary annual income and revenue of the municipality; NOW, THEREFORE,

BE IT ORDAINED By the Common Council of the City of San Diego, as follows:

Section 1. There is hereby ordered, called and proclaimed a Special Election of the qualified voters of said The City of San Diego, at which election there shall be and is hereby submitted to said voters the following proposition, namely:

PROPOSITION ONE.

Shall The City of San Diego incur a bonded indebtedness of four million, five hundred thousand dollars (\$4,500,000.00) for the acquisition of lands, dam site, reservoir, reservoir site, rights of way, pipe lines, conduits and water filtering plant for a dam, and the acquisition, construction and completion of a dam, of the arched, gravity section, masonry type, at a point known as El Capitan Dam Site No. 2, located on the San Diego River, in the County of San Diego, State of California, and the acquisition, construction and completion of a pipe line from the El Capitan Dam to the University Heights

Reservoir, in The City of San Diego, for the purpose of developing, impounding, conserving, storing and distributing the waters of the San Diego River and its tributaries, for the use of the inhabitants of The City of San Diego; all as more particularly set forth in that certain report of F. A. Rhodes, Manager of Operation, on file in the office of the City Clerk of said City, marked Document No. 164902, and endorsed; "Report of F. A. Rhodes, Manager of Operation, on additional water supply for The City of San Diego, California."?

This proposition shall be presented and printed upon the ballot hereinafter in this ordinance provided for as follows:

"Proposition I. Shall The City of San Diego incur a bonded indebtedness of \$4,500,000.00 for the acquisition of lands, dam site, reservoir, reservoir site, rights of way, pipe lines, conduits and water filtering plant for a dam, and the acquisition, construction and completion of a dam, of the arched, gravity section, masonry type, at a point known as El Capitan Dam Site No. 2, located on the San Diego River, in the County of San Diego, State of California, and the acquisition, construction and completion of a pipe line from the El Capitan Dam to the University Heights Reservoir, in The City of San Diego, for the purpose of developing, impounding, conserving, storing and distributing the waters of the San Diego River and its tributaries, for the use of the inhabitants of The City of San Diego?"

Section 2. The objects and purposes for which said indebtedness of four million, five hundred thousand dollars (\$4,500,000.00) is proposed to be incurred are for the acquisition of lands, dam site, reservoir, reservoir site, rights of way, pipe lines, conduits and water filtering plant for a dam, and the acquisition, construction and completion of a dam, of the arched, gravity section, masonry type, at a point known as El Capitan Dam Site No. 2, located on the San Diego River, in the County of San Diego, State of California, and the acquisition, construction and completion of a pipe line from the El Capitan Dam to the University Heights Reservoir, in The City of San Diego, for the purpose of developing, impounding, conserving, storing and distributing the waters of the San Diego River and its tributaries, for the use of the inhabitants of the City of San Diego.

Section 3. The cost of said proposed public improvements, being the acquisition of lands, dam site, reservoir, reservoir site, rights of way, pipe lines, conduits and water filtering plant for a dam, and the acquisition, construction and completion of a dam, of the arched, gravity section, masonry type, at a point known as El Capitan Dam Site No. 2, located on the San Diego River, in the County of San Diego, State of California, and the acquisition, construction and completion of a pipe line from the El Capitan Dam to the University Heights Reservoir, in The City of San Diego, is estimated at four million, five hundred thousand dollars (\$4,500,000.00).

Section 4. The amount of the principal of the indebtedness to be incurred for the acquisition of lands, dam site, reservoir, reservoir site, rights of way, pipe lines, conduits and water filtering plant for a dam, and the acquisition, construction and completion of a dam, of the arched, gravity section, masonry type, at a point known as El Capitan Dam Site No. 2, located on the San Diego River, in the County of San Diego, State of California, and the acquisition, construction and completion of a pipe line from the El Capitan Dam to the University Heights Reservoir, in The City of San Diego, is four million, five hundred thousand dollars (\$4,500,000.00), all in gold coin of the United States, which indebtedness, if incurred, shall bear interest at the rate of five per cent. (5%) per annum, payable semi-annually, in like gold coin.

Section 5. The total amount of indebtedness proposed to be incurred is four million, five hundred thousand dollars (\$4,500,000.00), all in gold coin of the United States, which indebtedness, if incurred, shall bear interest at the rate of five per cent. (5%) per annum, payable semi-annually, in like gold coin.

Section 6. Said Special Election shall be held in The City of San Diego, California, on Tuesday, the 18th day of November, A.D. 1924, and said special election shall be conducted as in this ordinance and in the Charter of said City and in the laws of the State of California provided.

Section 7. The manner of holding said special election, and the voting for or against incurring said indebtedness shall be as follows:

(Form of Ballot)

Section 8. For the purpose of said election, the election precincts of said City are hereby designated and are bounded and defined as in that certain ordinance of said City numbered Ordinance No. 9387, and entitled, "An Ordinance subdividing The City of San Diego, California, into one hundred seventy-three election precincts, and defining the boundaries thereof," approved on the 3rd day of March, 1924, as amended.

Section 9. The polling places and officers of said election in said precincts are as follows:

(Polling Places and Officers)

Section 10. The City Clerk of said The City of San Diego is hereby directed to procure and have printed the requisite number of ballots and sample ballots and other printed matter, and to procure whatever supplies may be necessary for use in said special election; and there is hereby appropriated out of the Special Election Fund of said City the sum of six thousand dollars (\$6,000.00), or so much thereof as may be necessary, to meet the expenditures authorized to be made by said Clerk, and the other expenses incidental to said election.

Section 11. The City Clerk of said City is hereby directed to cause this ordinance to be published once a day for seven (7) days immediately after it goes into effect and prior to the day of said election, such publication to be made in the official newspaper of said City, to-wit: The Evening Tribune.

Section 12. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by

Form approved by S. J. HIGGINS

Passed and adopted by the Common Council of the City of San Diego, California, this 3rd day of October, 1924, by the following vote, to-wit: AYES-Councilmen Bruschi, Heilbron, Held, Stewart and Weitzel. NOES - none. ABSENT - None, and signed in open section thereof by the President of said Common Council, this 3rd day of October, 1924.

HARRY K. WEITZEL
President Pro Tempore

I HEREBY CERTIFY that the foregoing ordinance was by a two-thirds vote of all the members of the said Common Council, present put on its final passage at its first reading, this 3rd day of October, 1924.

ALLEN H. WRIGHT
City Clerk

By FRED W. SICK
Deputy

I HEREBY APPROVE the foregoing ordinance this 3rd day of October, 1924.

ALLEN H. WRIGHT
City Clerk

HARRY K. WEITZEL
Acting Mayor

By FRED W. SICK
Deputy

ORDINANCE NO. 13023

AN ORDINANCE APPROPRIATING THE SUM OF \$100.00 FROM THE EL CAPITAN BOND FUND OF THE CITY OF SAN DIEGO, IN PAYMENT OF THE FEE OF MESSRS. THOMSON, WOOD & HOFFMAN, OF NEW YORK CITY FOR PROFESSIONAL SERVICES RENDERED THE CITY OF SAN DIEGO IN CONNECTION WITH THE EXAMINATION AND APPROVAL OF \$400,000.00 EL CAPITAN DAM BONDS.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of one hundred dollars (\$100.00) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of paying Messrs. Thomson, Wood and Hoffman, Attorneys and Councillors at Law, of New York City, for professional services rendered with respect to \$400,000.00 Municipal Improvement Bonds, El Capitan Dam Bond Fund, Special Election November 18, 1924, for examining proceedings and giving their final opinion approving the validity thereof, and all other services in said matter to date.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13023, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City November 24, 1930 and approved by the Mayor of said City on November 24, 1930.

ALEEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 13025

AN ORDINANCE APPROPRIATING THE SUM OF \$361,428.00 OUT OF THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF PAYING TO THE GOVERNMENT OF THE UNITED STATES THE AMOUNT FIXED AS THE PRICE FOR THE LANDS IN THE CAPITAN GRANDE INDIAN RESERVATION.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of Three hundred sixty-one thousand, four hundred twenty-eight Dollars (\$361,428.00) be and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose of paying to the Government of the United States the amount fixed by the Secretary of the Interior as the price of the lands provided to be taken by The City of San Diego from the Government of the United States by the terms of that Act of Congress, approved February 28, 1919; and the Auditor is directed to draw his warrant upon the Treasurer of the City against such fund in the said sum payable to the Secretary of the Interior of the United States, and to cause such warrant to be delivered to the Secretary of the Interior by the City Attorney, with the request by the City that patent for such lands be issued to The City of San Diego in accordance with the terms of said Act of Congress.

Section 2. It is hereby declared that this ordinance is an urgency measure, and is necessary for the immediate preservation of the public safety of The City of San Diego by reason of the fact that the purchase of the lands herein provided is necessary to the securing of a water supply for The City of San Diego, and the payment of the said sum is long overdue and delay in payment of such funds to the Government of the United States might cause the entire loss of such lands and the rights of the City to water and the development of water. Therefore, this ordinance shall take effect immediately.

Presented by _____

Approved by _____

I hereby certify that the above and foregoing is a full, true and correct copy of Ordinance No. 13025, of the ordinances of the City of San Diego, California as adopted by the Common Council of said City November 24, 1930 and approved by the Mayor of said City on November 24, 1930.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. DEPUTY

ORDINANCE NO. 13075

AN ORDINANCE APPROPRIATING THE SUM OF \$685.00 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF PAYING THE NEUNER CORPORATION FOR THE PRINTING AND LITHOGRAPHING OF THE EL CAPITAN DAM BONDS.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of six hundred eighty-five dollars (\$685.00) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of paying the Neuner Corporation for the printing and lithographing of four hundred El Capitan Dam Bonds of said City.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13075, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City December 29, 1930 and approved by the Mayor of said City on December 29, 1930.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy.

ORDINANCE NO. 13323

AN ORDINANCE APPROPRIATING THE SUM OF \$7,305.00 OUT OF THE RESERVE FUND OF THE CITY OF SAN DIEGO, IN PAYMENT OF FEE FOR FILING APPLICATION WITH THE DEPARTMENT OF PUBLIC WORKS, STATE OF CALIFORNIA, FOR APPROVAL OF PLANS AND SPECIFICATIONS OF A DAM TO BE CONSTRUCTED AT THE EL CAPITAN DAM SITE.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of seven thousand, three hundred and five dollars (\$7,305.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the Reserve Fund of The City of San Diego, for the purpose only and exclusively of providing funds necessary to be paid to the State of California under the Act of the Legislature, approved June 10, 1929 (Statutes of 1929, page 1505), being the fee necessary to be paid by The City of San Diego upon the filing of an application with the Department of Public Works for written approval of plans and specifications of a dam to be constructed at the El Capitan Dam Site.

Section 2. That the Auditor of The City of San Diego be, and he is hereby authorized and directed to execute a warrant of The City of San Diego in the above amount, and deliver the same to the Hydraulic Engineer of The City of San Diego, with instructions to deliver the warrant along with the application for the approval of the plans and specifications, as hereinabove stated.

Section 3. In the event the electors of The City of San Diego vote to change the type of dam to be constructed at the El Capitan Dam Site to any type of dam which is and will be approved by the State Engineer of the State of California, and in the event that El Capitan Dam Bond Funds thereupon become available for the payment of the costs of the said improvement, that the above appropriated sum shall be appropriated out of the El Capitan Dam Bond Fund for the purpose of reimbursing in that amount the Reserve Fund of The City of San Diego.

Section 4. This is an ordinance for the immediate preservation of the public peace, health and safety, and one of urgency, and shall take effect and be in force from and after its passage and approval.

The facts constituting the urgency in this case are that it is immediately necessary to secure the approval of the State Engineer upon the plans and specifications for a dam to be constructed at the El Capitan Dam Site, in order to

secure for The City of San Diego an immediate additional water supply, and that said work in connection with the improvement cannot be properly commenced until the approval above mentioned has been obtained.

Presented by _____

Approved by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinances No. 13323, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City October 1, 1931 and approved by the Mayor of said City on October 1, 1931.

ALLEN H. WRIGHT
City Clerk

By AUGUST M. WADSTROM Deputy

ORDINANCE NO. 13357

AN ORDINANCE APPROPRIATING THE SUM OF \$421.60 OUT OF THE RESERVE FUND OF THE CITY OF SAN DIEGO, IN PAYMENT OF FEE FOR FILING APPLICATION WITH THE DEPARTMENT OF PUBLIC WORKS, STATE OF CALIFORNIA, FOR APPROVAL OF PLANS AND SPECIFICATIONS OF A DAM TO BE CONSTRUCTED AT THE EL CAPITAN DAM SITE.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of four hundred twenty-one and 60/100 dollars (\$421.60), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the Reserve Fund of The City of San Diego, for the purpose only and exclusively of providing funds necessary to be paid to the State of California under the Act of the Legislature, approved June 10, 1929 (Statutes of 1929, page 1505), being the fee necessary to be paid by The City of San Diego upon the filing of an application with the Department of Public Works for written approval of plans and specifications of a dam to be constructed at the El Capitan Dam Site.

Section 2. That the Auditor of The City of San Diego be, and he is hereby authorized and directed to execute a warrant of The City of San Diego in the above amount, and deliver the same to the Hydraulic Engineer of The City of San Diego, with instructions to deliver the warrant along with the application for the approval of the plans and specifications, as hereinabove stated.

Section 3. In the event the electors of The City of San Diego vote to change the type of dam to be constructed at the El Capitan Dam Site to any type of dam which is and will be approved by the State Engineer of the State of California, and in the event that El Capitan Dam Bond Funds thereupon become available for the payment of the costs of the said improvement, that the above appropriated sum shall be appropriated out of the El Capitan Dam Bond Fund for the purpose of reimbursing in that amount the Reserve Fund of The City of San Diego.

Section 4. This is an ordinance for the immediate preservation of the public peace, health and safety, and one of urgency, and shall take effect and be in force from and after its passage and approval.

The facts constituting the urgency in this case are that it is immediately necessary to secure the approval of the State Engineer upon the plans and specifications for a dam to be constructed at the El Capitan Dam Site, in order to secure for The City of San Diego an immediate additional water supply, and that said work in connection with the improvement cannot be properly commenced until the approval above mentioned has been obtained.

Presented by _____

Approved By _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13357, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City November 19, 1931 and approved by the Mayor of said City on November 19, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 13374

AN ORDINANCE APPROPRIATING THE SUM OF \$1252.21 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, IN PAYMENT OF SERVICES RENDERED AND EXPENSES INCURRED BY C. F. TOLMAN, GEOLOGIST, IN CONNECTION WITH GEOLOGICAL INVESTIGATION AND REPORT ON EL CAPITAN DAM SITE NO. 2.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of One thousand fifty-two and 21/100 dollars (\$1252.21) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of paying C. F. Tolman, Geologist, for services rendered and expenses incurred in connection with geological investigation and report on El Capitan Dam Site No. 2, as required by the State Engineer, and as authorized by Resolution No. 57398 of the Common Council of said City.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13374, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City December 7, 1931 and approved by the Mayor of said City on December 7, 1931.

ALLEN H. WRIGHT
City Clrk.

By CLARK H. FOOTE, JR. Deputy

ORDINANCE NO. 13381

AN ORDINANCE APPROPRIATING THE SUM OF \$866.84 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, IN PAYMENT OF SERVICES RENDERED AND EXPENSES INCURRED BY G. D. MARX, CONSULTING ENGINEER, IN CONNECTION WITH REPORT ON EL CAPITAN DAM SITE NO. 2.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of Eight Hundred Sixty-six and 84/100 Dollars (\$866.84) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of paying G. D. Marx, Consulting Engineer, for services rendered and expenses incurred in connection with investigation and report on El Capitan Dam Site No. 2, as required by the State Engineer, and as authorized by Resolution No. 57397 of the Common Council of said City.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13381, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City December 14, 1931 and approved by the Mayor of said City on December 14, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARR M. FOOTE, JR. Deputy

ORDINANCE NO. 13394

AN ORDINANCE APPROPRIATING THE SUM OF \$35,000.00 OUT OF THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR PRELIMINARY AND OTHER WORK INCIDENT TO THE CONSTRUCTION AND INSTALLATION OF THE EL CAPITAN DAM.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of thirty-five thousand dollars (\$35,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of performing preliminary and other work incident to the construction and installation of the El Capitan dam, and the conservation of water resources of the San Diego River drainage basin other than work which may be carried on by contract, as follows:

Ten thousand dollars (\$10,000.00) for the establishment and maintenance of camp and the operation of the mess at the El Capitan Dam Site;

Twenty thousand dollars (\$20,000.00) for starting the test pits and the tunnels, and the clearing of the El Capitan dam site, and adjacent portion of the reservoir basin; and

Five thousand dollars (\$5,000.00) for continuation of engineering work in connection with the installation of said El Capitan Dam.

Section 2. This is an ordinance for the immediate preservation of the public peace, health and safety, and one of urgency, and shall take effect and be in force from and after its passage and approval.

The facts constituting the urgency in this case are as follows: The City of San Diego and the citizens thereof at this time are faced with a serious menace to the public welfare by reason of the vast number of unemployed citizens in said City, and in order to start the construction of the El Capitan Dam and to provide work for said unemployed citizens at the earliest possible date, it is necessary that funds be immediately provided for preliminary work incident to the construction and installation of said dam.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13394, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City December 22, 1931 and approved by the Mayor of said City on December 22, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 13395

AN ORDINANCE APPROPRIATING THE SUM OF \$141.90 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, IN PAYMENT OF SERVICES RENDERED AND EXPENSES INCURRED BY C. D. MARX, CONSULTING ENGINEER, IN CONNECTION WITH REPORT ON EL CAPITAN DAM SITE NO. 2.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of one hundred forty-one and 90/100 dollars (\$141.90) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of paying C. D. Marx, Consulting Engineer, for services rendered and expenses incurred in connection with investigation and report on El Capitan Dam Site No. 2, as required by the State Engineer, and as authorized by Resolution No. 57397 of the Common Council of said City.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13395, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City December 22, 1931 and approved by the Mayor of said City on December 22, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 13410

AN ORDINANCE APPROPRIATING THE SUM OF \$248.12 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, IN PAYMENT OF SERVICES RENDERED AND EXPENSES INCURRED BY G. F. TOLMAN, GEOLOGIST, IN CONNECTION WITH CONFERENCE HELD IN SAN DIEGO DECEMBER 4TH TO 6TH RELATIVE TO EL CAPITAN DAM.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of Two Hundred Forty-eight and 12/100 Dollars (\$248.12) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of paying G. F. Tolman, Geologist, for services rendered and expenses incurred in connection with conference held in San Diego December 4th to 6th relative to construction of El Capitan Dam.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13410, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City January 11, 1932 and approved by the Mayor of said City on January 11, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 13429

AN ORDINANCE APPROPRIATING THE SUM OF \$5,000.00 OUT OF THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE CONTINUATION OF THE ENGINEERING WORK IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN DAM.

WHEREAS, The City of San Diego and the citizens thereof at this time are faced with a serious menace to the public welfare by reason of the vast number of unemployed citizens in said City, and in order to start the construction of the El Capitan Dam and to provide work for said unemployed citizens at the earliest possible date, it is necessary that funds be immediately provided for the continuation of the engineering work necessary in connection with the construction of the El Capitan Dam; and

WHEREAS, in order to provide for the immediate preservation of the public peace, health and safety, it is necessary to pass this ordinance as an emergency measure; NOW, THEREFORE,

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of five thousand dollars (\$5,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for the continuation of the engineering work necessary in connection with the construction of the El Capitan Dam.

Section 2. This ordinance is an emergency measure, to provide for the immediate preservation of the public peace, health and safety, for the reasons set forth in the preamble hereto, and shall therefore take effect and be in force from and after its passage and approval.

Presented by _____

Approved as to
form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13429, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City January 25, 1932 and approved by the Mayor of said City on January 25, 1932.

ALLEN H. WRIGHT

City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 13434

AN ORDINANCE TRANSFERRING AND ADVANCING THE SUM OF \$40,000.00 FROM THE RESERVE FUND OF THE CITY OF SAN DIEGO TO THE EL CAPITAN DAM BOND FUND OF SAID CITY, AND APPROPRIATING THE SUM OF \$40,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PLACING THE SAME IN ESCROW IN CONFORMITY WITH THE PROVISIONS OF A CERTAIN AGREEMENT FOR THE PURCHASE AND SALE OF LANDS WITHIN THE EL CAPITAN DAM AND RESERVOIR SITE; AND PROVIDING FOR THE REPAYMENT OF SAID SUM OF \$40,000.00 TO THE RESERVE FUND UPON THE SALE OF THE EL CAPITAN DAM BONDS.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of forty thousand dollars (\$40,000.00) be, and the same is hereby transferred and advanced from the Reserve Fund of The City of San Diego, and loaned to the El Capitan Dam Bond Fund of said City until the El Capitan Dam Bonds have been sold and the money realized from the sale thereof has been deposited in the Treasury of said City to the credit of said El Capitan Dam Bond Fund, at which time said sum of forty thousand dollars (\$40,000.00) shall be repaid to said Reserve Fund out of the El Capitan Dam Bond Fund; and the Common Council does hereby determine and declare that the public interest and necessity of said City demand such expenditure from the Reserve Fund.

Section 2. That the sum of forty thousand dollars (\$40,000.00) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, said sum to be used for the purpose only and exclusively of placing the same in escrow with the Union Title Insurance Company of San Diego in conformity with the provisions of a certain agreement for the purchase and sale of lands within the El Capitan Dam and Reservoir Sites, about to be entered into between The Cuyamaca Water Company, a corporation, Ed Fletcher, as sole surviving co-partner of a co-partnership formerly composed of James A. Murray, Ed Fletcher and William G. Henshaw, doing business under the firm name and style of The Cuyamaca Water Company, Ed Fletcher and Mary C. B. Fletcher, husband and wife, and C. F. Stern, as parties of the first part, and The City of San Diego, a municipal corporation, as party of the second part.

That the City Auditor of said City be, and he is hereby authorized and directed to issue warrant for the said sum of forty thousand dollars (\$40,000.00), and deposit the same in escrow with the Union Title Insurance Company, of San Diego, in accordance with the terms of the said agreement.

Section 3. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13434, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City January 27, 1932 and approved by the Mayor of said City on January 27, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 13447

AN ORDINANCE APPROPRIATING THE SUM OF \$20,000.00 FROM THE EL CAPITAN DAM TRANSFERRED FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF CONTINUING THE WORK ON THE TEST PITS AND TUNNELS, AND FOR CLEARING THE RESERVOIR BASIN, IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN DAM.

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of twenty thousand dollars (\$20,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Transferred Fund of The City of San Diego, for the purpose only and exclusively of continuing the work on the test pits and tunnels, and for clearing the reservoir basin, in connection with the construction of the El Capitan Dam.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13447, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City February 8, 1932 and approved by the Mayor of said City on February 8, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 13449

AN ORDINANCE APPROPRIATING THE SUM OF \$500.00
OUT OF THE GENERAL FUND OF THE CITY OF SAN
DIEGO, FOR THE PURPOSE OF RENTING EQUIPMENT
FOR HAULING WOOD.

BE IT ORDAINED By the Common Council of The City of San
Diego, as follows:

Section 1. That the sum of five hundred dollars(\$500.00),
or so much thereof as may be necessary, be, and the same is
hereby set aside and appropriated out of the General Fund of
The City of San Diego, for the purpose only and exclusively
of renting equipment for the hauling of wood for the unem-
ployed who are being put to work cutting the said wood.

Section 2. This ordinance shall take effect and be in
force on the thirty-first day from and after its passage and
approval.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Ordinance No. 13449, of the ordinances
of the City of San Diego, California, as adopted by the Common
Council of said City February 8, 1932 and approved by the Mayor
of said City on February 8, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy.

ORDINANCE NO. 13453

AN ORDINANCE APPROPRIATING THE SUM OF \$200.00
OUT OF THE EL CAPITAN DAM BOND FUND OF THE
CITY OF SAN DIEGO, FOR THE PURPOSE OF PUR-
CHASING EL CAPITAN RESERVOIR LANDS.

BE IT ORDAINED BY the Common Council of The City of San
Diego, as follows:

Section 1. That the sum of two hundred dollars (\$200.00),
or so much thereof as may be necessary, be, and the same is
hereby set aside and appropriated out of the El Capitan Dam
Bond Fund of The City of San Diego, for the purpose only and
exclusively of purchasing the following lands within the El
Capitan Reservoir Basin, to-wit: The NW 1/4 of the NW 1/4
of Section 16, Township 15 South, Range 2 East, S. B. B. & M.,
containing about 40 acres.

Section 2. This ordinance shall take effect and be in
force on the thirty-first day from and after its passage
and approval.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Ordinance No. 13453 of the ordinances
of the City of San Diego, California, as adopted by the Common
Council of said City February 15, 1932 and approved by the
Mayor of said City on February 15, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 13484

AN ORDINANCE APPROPRIATING THE SUM OF \$5000.00 OUT OF THE EL CAPITAN DAM TRANSFERRED BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF PROVIDING FUNDS FOR THE CONTINUATION OF THE ENGINEERING WORK IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN DAM.

WHEREAS, The City of San Diego and the citizens thereof at this time are faced with a serious menace to the public welfare by reason of the vast number of unemployed citizens in said City, and in order to start the construction of the El Capitan Dam and to provide work for said unemployed citizens at the earliest possible date, it is necessary that funds be immediately provided for the continuation of the engineering work necessary in connection with the construction of the El Capitan Dam; and

WHEREAS, in order to provide for the immediate preservation of the public peace, health and safety, it is necessary to pass this ordinance as an emergency measure; NOW, THEREFORE,

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of five thousand dollars (\$5,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Transferred Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for the continuation of the engineering work necessary in connection with the construction of the El Capitan Dam.

Section 2. This ordinance is an emergency measure, to provide for the immediate preservation of the public peace, health and safety, for the reasons set forth in the preamble hereto, and shall therefore take effect and be in force from and after its passage and approval.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13484, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City March 14, 1932 and approved by the Mayor of said City on March 14, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 13514

AN ORDINANCE ALLOCATING TO CERTAIN ACCOUNTS IN THE OFFICE OF THE AUDITOR AND CONTROLLER THE MONEYS AND PROCEEDS OF UNSOLD EL CAPITAN DAM BONDS IN THE CITY TREASURY, HERETOFORE AUTHORIZED TO BE EXPENDED FOR THE CONSTRUCTION OF A DAM AND RESERVOIR AT EL CAPITAN DAM SITE, THE ACQUISITION OF LANDS AND RIGHTS OF WAY NECESSARY THEREFOR, AND OTHER PURPOSES.

WHEREAS, there are now in the City Treasury certain funds in the amount of \$893,873.42, held in the El Capitan Dam Transferred bond fund, applicable exclusively to the purpose of constructing a dam at the City's El Capitan Dam and Reservoir Site, which said funds were authorized to be expended exclusively for said purpose by the electors of the city at an election held on the 15th day of December, 1931; and

WHEREAS, there are in the City Treasury to the credit of the El Capitan Dam Bond Fund certain unsold El Capitan Dam Bonds, of the total par value of \$2,695,000.00, being the unsold remainder of an issue of \$4,500,000.00 bonds authorized by the electors of the city at an election held on the 18th day of November, 1924, the proceeds of which bonds may be expended exclusively for the acquisition of lands, dam site, reservoir, reservoir site, rights of way, pipe lines, conduits and water filtering plant for a dam, and the acquisition, construction and completion of a dam of a type to be approved by the State Engineer of California, at a point on the San Diego River in the locality known as the El Capitan Dam and Reservoir site, pursuant to the authorization of the electors of the city at a municipal election held on the 15th day of December, 1931; and

WHEREAS, the Common Council has heretofore, to-wit, on the 21st day of April, 1932, awarded to H. W. Rohl and T. E. Connolly, as the lowest responsible and reliable bidders a contract for the construction of a dam, spillway and outlet works at said El Capitan site, the total amount of said bid being the sum of \$2,332,860.00; and

WHEREAS, it is at this time desirable and convenient to allocate to certain appropriate accounts in the office of the Auditor and Controller of the City, for the several purposes hereinbefore mentioned, definite proportions of the moneys already in the Treasury, and which will come into the Treasury from the proceeds of the sale of said El Capitan Dam Bonds, which said moneys and said proceeds of said bonds have been heretofore and now are authorized to be used and expended for said El Capitan Dam and Reservoir project; NOW, THEREFORE,

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That the sum of eight hundred ninety-three thousand, eight hundred seventy-three and 43/100 dollars (\$893,873.43) of the funds in the El Capitan Transferred Bond Fund, be, and the same is hereby allocated to and set aside for the purpose only and exclusively of payment from time to time to H. W. Rohl and T. E. Connolly of amounts accruing and payable to them under their contract with the City to build El Capitan Reservoir Dam, Spillway and Outlet Works.

Section 2. That there be and there is hereby allocated and set aside out of the proceeds from the sale of \$2,695,000.00 of unsold El Capitan Dam Bonds, now in the El Capitan Dam Bond Fund, the additional sum of one million, four hundred thirty-eight thousand, nine hundred eighty-six and 57/100 dollars (\$1,438,986.57), for the purpose only and exclusively of payment from time to time to H. W. Rohl and T. E. Connolly of amounts accruing and payable to them under their contract with the City to build El Capitan Reservoir Dam, Spillway and Outlet works.

Section 3. That the sum of ninety-five thousand dollars (\$95,000.00), or so much thereof as may be necessary, be, and the same is hereby allocated and set aside out of the proceeds from the sale of \$2,695,000.00 of unsold El Capitan Dam Bonds, now in the El Capitan Dam Bond Fund, for the purpose only and exclusively of constructing and widening roads necessarily required in and about the construction of said El Capitan Dam, Spillway and Outlet Works and Reservoir; and for contingencies arising in and about and in connection with the construction of said dam and reservoir.

Section 4. That the sum of one hundred fifty thousand dollars (\$150,000.00), or so much thereof as may be necessary, be, and the same is hereby allocated and set aside out of the proceeds from the sale of \$2,695,000.00 of unsold El Capitan Dam Bonds now in the El Capitan Dam Bond Fund, for the purpose only and exclusively of investigations, surveys, engineering, and legal expenses in and about and in connection with the construction of said El Capitan Dam and Reservoir.

Section 5. That the sum of eighty-five thousand dollars (\$85,000.00), or so much thereof as may be necessary, be, and the same is hereby allocated and set aside out of the proceeds from the sale of \$2,695,000.00 of unsold El Capitan Dam Bonds now in the El Capitan Dam Bond Fund, for the purpose only and exclusively of acquiring lands and rights of way necessarily required in and about and in connection with the construction, operation and maintenance of said El Capitan Dam and Reservoir.

Section 6. That the sum of five thousand dollars (\$5,000.00), or so much thereof as may be necessary, be, and the same is hereby allocated and set aside out of the proceeds from the sale of \$2,695,000.00 of unsold El Capitan Dam Bonds now in

the El Capitan Dam Bond Fund, for the purpose only and exclusively of clearing the brush and timber from the El Capitan Reservoir Basin.

Section 7. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13514, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City April 25, 1932 and approved by the Mayor of said City on April 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 13515

AN ORDINANCE AUTHORIZING THE CITY TREASURER OF THE CITY OF SAN DIEGO TO INVEST ON BEHALF OF THE CITY OF SAN DIEGO, SURPLUS MONEYS IN THE TREASURY FOR THE PURCHASE OF EL CAPITAN DAM BONDS IN THE AMOUNT OF \$125,000.00.

WHEREAS, it appears to the Common Council of The City of San Diego that there is now in the City Treasury of said City to the credit of Sutherland Dam Bond Fund surplus moneys not required for the purposes for which the Sutherland Dam Bonds were authorized, in an amount to exceed one hundred twenty-five thousand dollars (\$125,000.00); and

WHEREAS, it further appears to said Common Council that said City now has in its possession certain unsold El Capitan Dam Bonds of The City of San Diego, drawing interest at the rate of five per cent (5%), in the amount of \$2,695,000.00; and

WHEREAS, it is deemed wise and expedient by this Common Council to invest a portion of said surplus moneys in the City Treasury in some of said El Capitan Dam Bonds, in order that the City may obtain the interest on said bonds; and

WHEREAS, it further appears to said Common Council that said bonds have heretofore been duly and regularly advertised for sale, and no bids of more than par and accrued interest have been received; and

WHEREAS, under the laws of the State of California said bonds must be sold for at least par and accrued interest; and

WHEREAS, there is a present need for a portion of the moneys for which said unsold El Capitan Dam Bonds were voted; NOW, THEREFORE,

BE IT ORDAINED By the Common Council of The City of San Diego, as follows:

Section 1. That J. T. Millan, City Treasurer, be, and he is hereby authorized and directed to invest, on behalf of The City of San Diego, out of the surplus moneys in the City Treasury to the credit of the Sutherland Dam Bond Fund not required immediately for the purposes for which the Sutherland Dam Bonds were authorized, El Capitan Dam Bonds of The City of San Diego in the amount of one hundred twenty-five thousand dollars (\$125,000.00), face value thereof; and upon the delivery to him of said bonds by the officer in whose custody they are he is hereby authorized to pay therefor the sum of one hundred twenty-five thousand dollars (\$125,000.00), with accrued interest to the date of delivery.

Section 2. That said City Treasurer shall upon delivery to him and payment therefor as hereinabove provided, hold said \$125,000.00 El Capitan Dam Bonds for and on behalf of said City to the credit of the Sutherland Dam Bond Fund, subject to the direction of the Council of said City as to the resale thereof, in order that the resale of said bonds by said city may be made and authorized by the Council from time to time, so that the proceeds thereof may be applied to the purposes for which the money with which said \$125,000.00 of El Capitan Dam Bonds was originally placed in the Treasury of said City.

Section 3. This ordinance shall take effect and be in force on the thirty-first day from and after its passage and approval.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13515, of the ordinances of the City of San Diego, California, as adopted by the Common Council of said City April 25, 1932 and approved by the Mayor of said City on April 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 13571

AN ORDINANCE CREATING AND ESTABLISHING THE POSITION OF SPECIAL INVESTIGATOR TO THE COUNCIL, DEFINING THE DUTIES, AND ESTABLISHING HIS COMPENSATION.

WHEREAS, The City of San Diego has entered into a contract for the construction of a dam at a site known as the El Capitan damsite; and

WHEREAS, work on said project is now in progress, large amounts of equipment and supplies being purchased and large forces of labor being employed; and

WHEREAS, it is deemed absolutely necessary, in order to preserve the public peace and property of The City of San Diego, to obtain a thorough and complete check of all such work in progress; and

WHEREAS, it is necessary to place on the job the duly authorized representative of the Council in order to obtain information concerning the qualifications of labor employed on said job and concerning the matter of the contractors fulfilling the terms of the contract; and

WHEREAS, in order to provide for the immediate preservation of the public peace and property it is necessary to pass this ordinance as an emergency measure; NOW, THEREFORE,

BE IT ORDAINED By, the Council of The City of San Diego, as follows:

Section 1. That there be, and there is hereby created and established the position of Special Investigator to the Council of The City of San Diego.

Section 2. That the salary of the above mentioned Special Investigator shall be One Hundred Sixty Dollars (\$160.00) per month, together with an automobile allowance of Thirty-five Dollars (\$35.00) per month, to continue until such time as the El Capitan dam has been fully constructed, or until such time as the pleasure of the Council may indicate.

Section 3. That the duties and authority of said Special Investigator shall be as follows:

That he shall be authorized to investigate any applicant for any type of work on the El Capitan dam project, or any workman, craftsman or laborer now employed on said work, with regard to his citizenship qualifications under the terms of the contract between The City of San Diego and H. W. Rohl and T. E. Connolly.

That he is further authorized, after said investigations, to issue a certificate to such applicant or to such worker or to the contractor or his duly authorized representatives that such applicant or worker is properly qualified to perform work on the project under the provisions of said contract. That when the qualifications of any applicant or worker have been so certified, said contractors are hereby authorized to accept such certification as being in full compliance with that provision of the contract whereby the contractors expressly agree that no labor other than citizens of the City of San Diego shall be employed on all construction work contemplated by the contract.

Said special investigator is hereby further authorized, as representative of the City, to investigate the records kept by the contractors with a view to ascertaining the names, occupation and citizenship of all laborers, workmen or mechanics employed by said contractors or by any subcontractors, and with a view to determining the actual hours of work and actual wages paid to each of such workers; and he shall report once a week to the Council, in writing, any information he has obtained from said reports which indicate or tend to indicate any violation of the terms of the contract upon the part of the contractors.

Section 3. This ordinance is an emergency measure, to provide for the immediate preservation of the public peace and property, for the reasons set forth in the preamble hereto, and shall take effect and be in force from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13571, of the ordinances of the City of San Diego, California, as adopted by the Council of said City and attested by the Mayor of said City on July 18, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 13587

AN ORDINANCE AMENDING SECTION 3, AND REPEALING SECTION 4 OF ORDINANCE NO. 13514 OF THE ORDINANCES OF THE CITY OF SAN DIEGO, ENTITLED, "AN ORDINANCE ALLOCATING TO CERTAIN ACCOUNTS IN THE OFFICE OF THE AUDITOR AND CONTROLLER THE MONEYS AND PROCEEDS OF UNSOLD EL CAPITAN DAM BONDS IN THE CITY TREASURY, HERETOFORE AUTHORIZED TO BE EXPENDED FOR THE CONSTRUCTION OF A DAM AND RESERVOIR AT EL CAPITAN DAM SITE, THE ACQUISITION OF LANDS AND RIGHTS OF WAY NECESSARY THEREFOR, AND OTHER PURPOSES," APPROVED APRIL 25, 1932.

BE IT ORDAINED By the Council of the City of San Diego, as follows:

Section 1. That Section 3 of Ordinance No. 13514 of the Ordinances of The City of San Diego, entitled, "An Ordinance allocating to certain accounts in the office of the Auditor and Controller the moneys and proceeds of unsold El Capitan Dam Bonds in the City Treasury, heretofore authorized to be expended for the construction of a dam and reservoir at El Capitan Dam Site, the acquisition of lands and rights of way necessary therefor, and other purposes," approved April 25, 1932, be, and the same is hereby amended so as to read as follows:

"Section 3. That the sum of ninety-five thousand dollars (\$95,000.00), or so much thereof as may be necessary, be, and the same is hereby allocated and set aside out of the proceeds from the sale of \$2,695,000.00 of unsold El Capitan Dam Bonds, now in the El Capitan Dam Bond Fund, for the purpose only and exclusively of constructing and widening roads necessarily required in and about the construction of said El Capitan Dam, Spillway and Outlet Works and Reservoir."

Section 2. That Section 4 of said Ordinance No. 13514 be and the same is hereby repealed.

Section 3. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 13587, of the ordinances of the City of San Diego, California, as adopted by the Council of said City August 8, 1932 and attested by the Mayor of said City on August 8, 1932.

ALLEN H. WRIGHT, City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 16 (new series)

AN ORDINANCE PROVIDING FOR OFFICERS, SUBORDINATES AND EMPLOYEES IN THE WATER DEPARTMENT, CREATING THEIR POSITIONS AND ESTABLISHING THEIR TITLES.

WHEREAS, under the Charter of The City of San Diego it is mandatory to provide for and establish the positions of officers, subordinates and employees in the Water Department of The City of San Diego to be effective immediately, in order that the executive and administrative service may function for the fiscal year 1932-33, and in order that the entire reorganization of the city offices, departments and employees may be made effective prior to the passage and adoption of the annual appropriation ordinance for said fiscal year, and it is deemed and declared that this ordinance shall be an emergency measure, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the Water Department of The City of San Diego shall consist of the following divisions:

- A. Division of Accounting
- B. Division of Development and Conservation
- C. Division of Distribution

Section 2. That there shall be and there is hereby created an Advisory Commission to be composed of three citizens appointed by the Manager.

Section 3. That there shall be and there is hereby created the position of Director of the Water Department.

Section 4. That there shall be and there are hereby created the following positions and titles in the Division of Accounting:

- 1 Chief Clerk - Accountant
- 1 Senior Account Clerk
- 2 General Clerks

Section 5. That there shall be and there are hereby created the following positions and titles in the Division of Development and Conservation:

- 1 Hydraulic Engineer
- 1 Assistant Hydraulic Engineer
- 1 Assistant Engineer
- 1 Superintendent of Impounding System
- 1 Senior Draftsman
- 1 Junior Draftsman
- 2 Secretary Stenographers

- 3 General Clerks
- 1 General Clerk - Chauffeur
- 1 Accountant
- 1 Accountant Clerk
- 2 Senior Stenographers
- 3 Division Foremen
- 1 Laboratory Assistant
- 3 Truck Drivers
- 8 Keepers
- 9 Assistant Keepers
- 1 Assistant Clerk
- 4 Conduit Patrolmen
- 6 Pump Operators
- 14 Pump and Filter Operators
- 3 Crew Foremen
- 1 Water Meter Reader
- 30 Laborers
- 1 Camp Cook

Extra or Additional Forces as Needed:

- 1 Engineer (correction 8/29/32)
- 1 Assistant Engineer
- 2 Senior Draftsmen
- 4 Chiefs of Party
- 2 Topographers
- 1 Hydrographer
- 4 Instrumentmen
- 8 Chainmen
- 2 Stenographers
- 4 General Clerks
- 3 Assistant Keepers
- 4 Cooks
- 2 Flunkeys
- 2 Crew Foremen
- 110 Laborers
- 3 Conduit Patrolmen
- 4 Pump and Filter Operators
- 4 Foremen
- 3 Truck Drivers
- 3 Carpenters
- 4 Blacksmiths
- 11 Repair and Maintenance Men
- 3 Excavation Inspectors
- 3 Tunnel Inspectors
- 3 Hydraulic Fill Inspectors
- 3 Rock Fill Inspectors
- 3 Concrete Inspectors
- 6 Public Improvement Inspectors
- 2 Chief-Clerk Accountants

Section 6. That there shall be and there are hereby created the following positions and titles in the Division of Distribution:

- 1 Superintendent of Distribution
- 1 General Foreman
- 1 Assistant General Foreman

4 District Foremen
 3 Water Service Foremen
 3 Crew Foremen
 4 Pump Operators
 14 Pipelayers
 4 Power Equipment Operators
 2 Water Meter Mechanics
 2 Water Meter Mechanic's Helpers
 1 Chief Water Meter Reader
 6 Water Meter Readers
 1 Concrete Finisher
 4 Truck Drivers
 17 Skilled Laborers
 26 Laborers
 1 Storekeeper
 4 Emergency men
 1 Watchmen
 1 Cashier
 2 Assistant Cashiers
 4 Field Complaint Adjusters
 1 Ditch machine operator
 1 Supervising Record Clerk
 2 Record Clerks
 2 Permit Clerks
 1 Account Clerk
 16 General Clerks
 3 Billing Machine Operators

Section 7. All other positions for employees in the Water Department not herein provided for are hereby abolished.

Section 8. This is an ordinance for the immediate preservation of the public peace, property, health and safety, for the reasons set forth in the preamble hereto, and shall take effect and be in force from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 16, of the ordinances of the City of San Diego, California, as adopted by the Council of said City August 27, 1932.

ALLEN H. WRIGHT
City Clerk of the City of San Diego
California

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 41 (new series)

AN ORDINANCE APPROPRIATING THE SUM OF \$5,000.00 OUT OF THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF DEFRAYING THE EXPENSES FOR SUPERVISION, ENGINEERING, INSPECTION, CLERICAL AND LEGAL EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, SPILLWAY AND OUTLET WORKS, FOR THE MONTH OF SEPTEMBER, 1932.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary for the city to provide supervision, engineering, inspection, clerical and legal services in order that the interests of the city may be properly protected in the performance of said contract work; and

WHEREAS, it is necessary immediately to provide funds for such expenses incurred during the month of September, 1932, to protect and safeguard the interests and property of said city as aforesaid, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of five thousand dollars (\$5,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of defraying the expenses for supervision, engineering, inspection, clerical and legal services in connection with the construction of the El Capitan Reservoir Dam, Spillway and Outlet Works during the month of September, 1932.

Section 2. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons hereinabove set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 41, of the ordinances of the City of San Diego, California, as adopted by the Council of said City September 12, 1932.

ALLEN H. WRIGHT,
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 42 (New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$2,000.00
OUT OF THE EL CAPITAN DAM BOND FUND OF THE CITY
OF SAN DIEGO, FOR THE PURPOSE OF PURCHASING
APPURTENANCES AND MATERIALS REQUIRED IN THE
OUTLET TOWER AND TUNNEL OF THE EL CAPITAN DAM.

BE IT ORDAINED By the Council of The City of San Diego,
as follows:

Section 1. That the sum of two thousand dollars
(\$2,000.00), or so much thereof as may be necessary, be, and
the same is hereby set aside and appropriated out of the El
Capitan Dam Bond Fund of The City of San Diego, for the pur-
pose only and exclusively of purchasing, during the month of
September, 1932, appurtenances and materials required for
installation by the contractor in the outlet tower and tun-
nel which form a part of the El Capitan Reservoir Dam, Spill-
way and Outlet Works now in course of construction under the
contract between The City of San Diego and Rohl and Connolly.

Section 2. This ordinance shall take effect and be in
force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Ordinance No. 42, of the ordinances
of the City of San Diego, California, as adopted by the
Council of said City September 12, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOE, JR.
Deputy

ORDINANCE NO. 52 (new series)

AN ORDINANCE APPROPRIATING THE SUM OF \$1300.00 FROM THE UNAPPROPRIATED MONEYS IN THE EL CAPITAN DAM BOND FUND, FOR THE PURPOSE OF EXPENSE IN CONNECTION WITH THE SALE OF EL CAPITAN DAM BONDS.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of One Thousand Three Hundred Dollars (\$1300.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the unappropriated moneys in the El Capitan Dam Bond Fund, for the purpose of providing funds for expenses to be incurred by representatives of the City in the negotiation of the sale of El Capitan Dam bonds to the Reconstruction Finance Corporation.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 52, of the ordinances of the City of San Diego, California, as adopted by the Council of said City October 7, 1932.

Allen H. Wright
City Clerk

By Clark M. Foote Jr.
Deputy

ORDINANCE NO. 54 (new series)

AN ORDINANCE APPROPRIATING THE SUM OF \$6000.00 OUT OF THE FUNDS HERETOFORE APPROPRIATED BY ORDINANCE NO. 13447, APPROVED FEBRUARY 8, 1932, FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, INSPECTION AND CLERICAL EXPENSE, INCLUDING SUPPLIES AND MINOR EQUIPMENT AND OTHER EXPENSE IN CONNECTION WITH CONSTRUCTION OF EL CAPITAN RESERVOIR DAM.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary for the City to provide engineering, inspection and clerical expense, including supplies and minor equipment, testing of materials, camp maintenance, fire protection and other incidental expenses in connection with the construction of the El Capitan Reservoir Dam in order that the interests of the City may be properly protected in the performance of said contract work; and

WHEREAS, it is necessary immediately to provide funds for such expenses heretofore incurred to protect and safeguard the interests and property of said City as aforesaid, NOW, THEREFORE,

BE IT ORDAINED by the Council of The City of San Diego, as follows:

Section 1. That the sum of Six Thousand Dollars (\$6000.00) or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the funds heretofore set aside and appropriated by Ordinance No. 13447 of the ordinances of The City of San Diego, entitled, "An Ordinance appropriating the sum of \$20,000.00 from the El Capitan Dam Transferred Fund of the City of San Diego, for the purpose of continuing the work on the test pits and tunnels, and for clearing the reservoir basin, in connection with the construction of the El Capitan Dam", approved February 8, 1932, for the purpose only and exclusively of providing funds for engineering, inspection and clerical expense, including supplies and minor equipment, testing of materials, camp maintenance, fire protection, road maintenance, and other incidental expenses in connection with the construction of the El Capitan Reservoir Dam heretofore incurred.

Section 2. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons hereinabove set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 54 of the Ordinances of the City of San Diego, California, as adopted by the Council of said City October 10, 1932.

Allen H. Wright, City Clerk

By Clark M. Foote, Jr. Deputy

ORDINANCE NO. 57 (new series)

AN ORDINANCE APPROPRIATING THE SUM OF \$2000.00 OUT OF THE FUNDS HERETOFORE APPROPRIATED BY ORDINANCE NO. 13447, APPROVED FEBRUARY 8, 1932, FOR THE PURPOSE OF PROVIDING FUNDS FOR THE PURCHASE OF APPURTENANCES FOR THE EL CAPITAN OUTLET TOWER AND TUNNEL.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary to construct an outlet tower and tunnel in order that the interests of the City may be properly protected in the performance of said contract work; and

WHEREAS, it is necessary immediately to provide funds for such expenses incurred in the purchase of appurtenances for said outlet tower and tunnel to protect and safeguard the interests and property of said City as aforesaid, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Two Thousand Dollars (\$2000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the funds heretofore set aside and appropriated by Ordinance No. 13447 of the ordinances of The City of San Diego, entitled, "An Ordinance appropriating the sum of \$20,000.00 from the El Capitan Dam Transferred Fund of the City of San Diego, for the purpose of continuing the work on the construction of an outlet tower and tunnel and providing funds for the purchase of appurtenances in connection with the construction of said outlet tower and tunnel for the El Capitan Reservoir Dam.

Section 2. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons hereinabove set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved as to
form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 57, of the ordinances of the City of San Diego, California, as adopted by the Council of said City October 10, 1932.

ALLEN H. WRIGHT,
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 65 (New Series)

AN ORDINANCE TRANSFERRING AND ADVANCING THE SUM OF \$6,000.00 FROM THE UNAPPROPRIATED BALANCE FUND OF THE CITY OF SAN DIEGO TO THE EL CAPITAN DAM BOND FUND OF SAID CITY, AND APPROPRIATING THE SUM OF \$6,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, INSPECTION AND CLERICAL EXPENSE, INCLUDING SUPPLIES AND MINOR EQUIPMENT AND OTHER EXPENSE IN CONNECTION WITH THE CONSTRUCTION OF EL CAPITAN RESERVOIR DAM.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary for the City to provide engineering, inspection and clerical expense, including supplies and minor equipment, testing of materials, camp maintenance, fire protection and other incidental expenses in connection with the construction of the El Capitan Reservoir Dam in order that the interests of the City may be properly protected in the performance of said contract; and

WHEREAS, It is necessary immediately to provide funds for such expenses heretofore incurred to protect and safeguard the interests and property of said City as aforesaid, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of six thousand dollars (\$6,000.00) be, and the same is hereby transferred from the Unappropriated Balance Fund of The City of San Diego, and loaned to the El Capitan Dam Bond Fund of said City until the El Capitan Dam Bonds have been sold and the money realized from the sale thereof has been deposited in the Treasury of said City to the credit of said El Capitan Dam Bond Fund, at which time said sum of six thousand dollars (\$6,000.00) shall be repaid to said Unappropriated Balance Fund out of the El Capitan Dam Bond Fund.

Section 2. That the sum of six thousand dollars (\$6,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, inspection and clerical expense, including supplies and minor equipment, testing of materials, camp maintenance, fire protection, road maintenance and other incidental expenses in connection with the construction of the El Capitan Reservoir Dam, for the month of November, 1932.

Section 3. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 65, of the ordinances of the City of San Diego, California, as adopted by the Council of said City October 28, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK H. FOSTER, JR.
Deputy

ORDINANCE NO. 66

AN ORDINANCE TRANSFERRING AND ADVANCING THE SUM OF \$1000.00 FROM THE UNAPPROPRIATED BALANCE FUND OF THE CITY OF SAN DIEGO TO THE EL CAPITAN DAM BOND FUND OF SAID CITY, AND APPROPRIATING THE SUM OF \$1000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR THE PURCHASE OF APPURTENANCES FOR THE EL CAPITAN OUTLET TOWER AND TUNNEL.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary to construct an outlet tower and tunnel in order that the interests of the City may be properly protected in the performance of said contract work; and

WHEREAS, it is necessary immediately to provide funds for such expenses incurred in the purchase of appurtenances for said outlet tower and tunnel to protect and safeguard the interests and property of said City as aforesaid; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of One thousand dollars (\$1000.00) be, and the same is hereby transferred from the Unappropriated Balance Fund of The City of San Diego, and loaned to the El Capitan Dam Bond Fund of said City until the El Capitan Dam Bonds have been sold and the money realized from the sale thereof has been deposited in the Treasury of said City to the credit of said El Capitan Dam Bond Fund, at which time said sum of One thousand dollars (\$1000.00) shall be repaid to said Unappropriated Balance Fund out of the El Capitan Dam Bond Fund.

Section 2. That the sum of One thousand dollars (\$1000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of continuing the work on the construction of an outlet tower and tunnel, and providing funds for the purchase of appurtenances in connection with the construction of said outlet tower and tunnel for the El Capitan Reservoir Dam, for the month of November, 1932.

Section 3. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons hereinabove set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____
Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 66 of the ordinances of the City of San Diego, California, as adopted by the Council of said City October 28, 1932.

ALLEN H. WRIGHT, City Clerk
By CLARK M. FOOTE, JR., Deputy

ORDINANCE NO. 106 (NEW SERIES)

AN ORDINANCE TRANSFERRING AND ADVANCING THE SUM OF \$1000.00 FROM THE UNAPPROPRIATED BALANCE FUND OF THE CITY OF SAN DIEGO TO THE EL CAPITAN DAM BOND FUND OF SAID CITY, AND APPROPRIATING THE SUM OF \$1000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR THE PURCHASE OF APPURTENANCES FOR THE EL CAPITAN OUTLET TOWER AND TUNNEL, FOR THE MONTH OF DECEMBER, 1932.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary to construct an outlet tower and tunnel, in order that the interests of the City may be properly protected in the performance of said contract work; and

WHEREAS, it is necessary immediately to provide funds for such expenses incurred in the purchase of appurtenances for said outlet tower and tunnel to protect and safeguard the interests and property of said City as aforesaid; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of One Thousand Dollars (\$1000.00) be, and the same is hereby transferred from the Unappropriated Balance Fund of The City of San Diego, and loaned to the El Capitan Dam Bond Fund of said City until the El Capitan Dam Bonds have been sold and the money realized from the sale thereof has been deposited in the Treasury of said City to the credit of said El Capitan Dam Bond Fund, at which time said sum of One Thousand Dollars (\$1000.00) shall be repaid to said Unappropriated Balance Fund out of the El Capitan Dam Bond Fund.

Section 2. That the sum of One Thousand Dollars (\$1000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of continuing the work on the construction of an outlet tower and tunnel, and providing funds for the purchase of appurtenances in connection with the construction of said outlet tower and tunnel for the El Capitan Reservoir Dam, for the month of December, 1932.

Section 3. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons hereinabove set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 106, of the ordinances of the City of San Diego, California, as adopted by the Council of said City December 19, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 107 (NEW SERIES)

AN ORDINANCE TRANSFERRING AND ADVANCING THE SUM OF \$6,000.00 FROM THE UNAPPROPRIATED BALANCE FUND OF THE CITY OF SAN DIEGO TO THE EL CAPITAN DAM BOND FUND OF SAID CITY, AND APPROPRIATING THE SUM OF \$6,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, INSPECTION AND CLERICAL EXPENSE, INCLUDING SUPPLIES AND MINOR EQUIPMENT AND OTHER EXPENSE IN CONNECTION WITH THE CONSTRUCTION OF EL CAPITAN RESERVOIR DAM, FOR THE MONTH OF DECEMBER, 1932.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary for the City to provide engineering, inspection and clerical expense, including supplies and minor equipment, testing of materials, camp maintenance, fire protection and other incidental expenses in connection with the construction of the El Capitan Reservoir Dam in order that the interests of the City may be properly protected in the performance of said contract; and

WHEREAS, it is necessary immediately to provide funds for such expense heretofore incurred to protect and safeguard the interests and property of said City as aforesaid, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Six Thousand Dollars (\$6000.00) be, and the same is hereby transferred from the Unappropriated Balance Fund of The City of San Diego, and loaned to the El Capitan Dam Bond Fund of said City until the El Capitan Dam Bonds have been sold and the money realized from the sale thereof has been deposited in the Treasury of said City to the credit of said El Capitan Dam Bond Fund, at which time said sum of Six Thousand Dollars (\$6,000.00) shall be repaid to said Unappropriated Balance Fund out of the El Capitan Dam Bond Fund.

Section 2. That the sum of Six Thousand Dollars (\$6,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, inspection and clerical expense, including supplies and minor equipment, testing of materials, camp maintenance, fire protection, road maintenance and other incidental expenses in connection with the construction of the El Capitan Reservoir Dam, for the month of December, 1932.

Section 3. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the

reasons set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 107, of the ordinances of the City of San Diego, California, as adopted by the Council of said City December 19, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 133 (NEW SERIES)

AN ORDINANCE APPROPRIATING THE SUM OF \$3,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR PURCHASE OF APPURTENANCES FOR EL CAPITAN RESERVOIR DAM, SPILLWAY AND OUTLET WORKS.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Three Thousand Dollars (\$3,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund, for the purpose only and exclusively of providing funds for the purchase of appurtenances in connection with the construction of El Capitan Reservoir Dam, spillway and outlet works.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 133, of the ordinances of the City of San Diego, California, as adopted by the Council of said City January 18, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 134 (NEW SERIES)

AN ORDINANCE APPROPRIATING THE SUM OF \$3000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING MATERIALS, FIRE PROTECTION, CHOCOLATE CREEK ROAD REPAIR AND MAINTENANCE, AND OTHER EXPENSE IN CONNECTION WITH THE CONSTRUCTION OF EL CAPITAN RESERVOIR DAM, FOR THE MONTH OF JANUARY, 1933.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary for the City to provide engineering, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing materials, fire protection, Chocolate Creek road repair and maintenance, and other expense in connection with the construction of El Capitan Reservoir Dam in order that the interests of the City may be properly protected in the performance of said contract; and

WHEREAS, it is necessary immediately to provide funds for such expenses heretofore incurred to protect and safeguard the interests and property of said City as aforesaid, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Three Thousand Dollars (\$3,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing materials, fire protection, Chocolate Creek road repair and maintenance, and other expense in connection with the construction of El Capitan Reservoir Dam, for the month of January, 1933.

Section 3. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

APPROVED
Asoto form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 134, of the ordinances of the City of San Diego, California, as adopted by the Council of said City January 18, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 135

AN ORDINANCE APPROPRIATING THE SUM OF \$5000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR BACKFILLING AND SPECIAL TREATMENT OF EXPLORATORY TUNNELS IN CONNECTION WITH CONSTRUCTION OF EL CAPITAN RESERVOIR DAM, FOR THE MONTH OF JANUARY, 1933.

WHEREAS, during the course of the construction of the El Capitan Dam, it is necessary for the City to dig exploratory tunnels in order to determine the geological formations and foundation conditions at said dam; and

WHEREAS, certain of said tunnels require backfilling and special treatment before being covered by the hydraulic fill and rock embankment, in order that the interests of the City may be properly protected in the performance of said contract; and

WHEREAS, it is necessary immediately to provide funds for such expenses heretofore incurred to protect and safeguard the interests and property of said City as aforesaid, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Three Thousand Dollars (\$3,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund for the purpose only and exclusively of providing funds for the backfilling and special treatment of exploratory tunnels dug in connection with the construction of El Capitan Reservoir Dam, for the month of January, 1933.

Section 2. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 135, of the ordinances of the City of San Diego, California, as adopted by the Council of said City January 18, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 144
(New Series)

AN ORDINANCE CREATING THE POSITION OF ENGINEER (HYDRAULIC FILL) IN THE WATER DEPARTMENT OF THE CITY OF SAN DIEGO, DIVISION OF DEVELOPMENT AND CONSERVATION, AND ESTABLISHING A SCHEDULE OF COMPENSATION FOR SAID EMPLOYEE IN THE CLASSIFIED SERVICE OF SAID CITY.

WHEREAS, The City of San Diego has in course of construction a certain hydraulic earth fill and rock embankment dam at a point on the San Diego River, known as El Capitan Dam Site; and

WHEREAS, in order to safeguard said dam, it is necessary that an engineer qualified and competent to control, direct and inspect the hydraulic filling operations involved in the construction of said dam be immediately employed, and this ordinance is therefore deemed and declared to be an emergency measure, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. There is hereby created in the Water Department of The City of San Diego, Division of Development and Conservation, in addition to the positions heretofore created by Ordinance No. 16 (New Series) of the ordinances of said City, the position of Engineer (Hydraulic Fill).

Section 2. Pursuant to Section 130 of the Charter of The City of San Diego, the schedule of compensation for such position is hereby established as follows:

Minimum,	\$325.00 per month
Maximum,	\$350.00 per month

Section 3. This is an ordinance for the immediate preservation of the public peace, property, health and safety, for the reasons set forth in the preamble hereto, and shall take effect and be in force from and after its passage.

Presented by _____ Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 144, of the ordinances of the City of San Diego, California, as adopted by the Council of said City February 6, 1933.

ALLEN H. WRIGHT City Clerk

By CLARK M. FOOTE, JR. Deputy.

ORDINANCE NO. 145
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$3000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS SUPPLIES AND EQUIPMENT, TESTING MATERIALS, FIRE PROTECTION, CHOCOLATE CREEK ROAD REPAIR AND MAINTENANCE, AND OTHER EXPENSE IN CONNECTION WITH THE CONSTRUCTION OF EL CAPITAN RESERVOIR DAM, FOR THE MONTH OF JANUARY, 1933.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary for the City to provide engineering, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing materials, fire protection, Chocolate Creek road repair and maintenance, and other expense in connection with the construction of El Capitan Reservoir Dam in order that the interests of the City may be properly protected in the performance of said contract; and

WHEREAS, it is necessary immediately to provide funds for such expenses heretofore incurred to protect and safeguard the interests and property of said City as aforesaid, NOW, THEREFORE,

BE IT ORDAINED by the Council of The City of San Diego, as follows:

Section 1. That the sum of Three Thousand Dollars (\$3,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing materials, fire protection, Chocolate Creek road repair and maintenance, and other expense in connection with the construction of El Capitan Reservoir Dam, for the month of January, 1933.

Section 3. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 145, of the ordinances of the City of San Diego, California, as adopted by the Council of said City February 6, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, Jr. Deputy

ORDINANCE NO. 146
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$6000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING MATERIALS, FIRE PROTECTION, CHOCOLATE CREEK ROAD REPAIR AND MAINTENANCE, AND OTHER EXPENSE IN CONNECTION WITH THE CONSTRUCTION OF EL CAPITAN RESERVOIR DAM, FOR THE MONTH OF FEBRUARY, 1933.

WHEREAS, during the course of the construction of the El Capitan Dam it is necessary for the City to provide engineering, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing materials, fire protection, Chocolate Creek road repair and maintenance, and other expense in connection with the construction of El Capitan Reservoir Dam in order that the interests of the City may be properly protected in the performance of said contract; and

WHEREAS, it is necessary immediately to provide funds for such expenses heretofore incurred to protect and safeguard the interests and property of said City as aforesaid, NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

SECTION 1. That the sum of Six Thousand Dollars (\$6,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing materials, fire protection, Chocolate Creek road repair and maintenance, and other expense in connection with the construction of El Capitan Reservoir Dam, for the month of February, 1933.

Section 2. This is an ordinance for the immediate preservation of the public property of The City of San Diego, for the reasons set forth in the preamble, and shall take effect and be in force from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 146, of the ordinances of the City of San Diego, California, as adopted by the Council of said City February 6, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 147
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$6,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING MATERIALS, FIRE PROTECTION, CHOCOLATE CREEK ROAD REPAIR AND MAINTENANCE, AND OTHER EXPENSE IN CONNECTION WITH THE CONSTRUCTION OF EL CAPITAN RESERVOIR DAM, FOR THE MONTH OF MARCH, 1933.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Six Thousand Dollars (\$6000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing materials, fire protection, Chocolate Creek road repair and maintenance, and other expense in connection with the construction of El Capitan Reservoir Dam, for the month of March, 1933.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 147, of the ordinances of the City of San Diego, California, as adopted by the Council of said City February 6, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE Deputy

ORDINANCE NO. 175 (New Series)

AN ORDINANCE TRANSFERRING THE SUM OF \$789.90 FROM THE EL CAPITAN DAM BOND FUND TO TRAVEL EXPENSE, GENERAL APPROPRIATIONS FUND.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Seven Hundred Eighty-nine and 90/100 Dollars (\$789.90) be, and the same is hereby transferred from the El Capitan Dam Bond Fund to Travel Expense, General Appropriations Fund.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full true and correct copy of Ordinance No. 175, of the ordinances of the City of San Diego, California, as adopted by the Council of said City February 27, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE JR. Deputy

ORDINANCE NO. 182 (New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$18,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION, AND OTHER EXPENSE IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, FOR THE MONTHS OF APRIL, MAY AND JUNE, 1933.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of eighteen thousand dollars (\$18,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection, and other expense in connection with the construction of the El Capitan Reservoir Dam, for the months of April, May and June, 1933.

Section 3. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 182, of the ordinances of the City of San Diego, California, as adopted by the Council of said City March 13, 1933.

ALLEN H. WRIGHT City Clerk
By CLARK M. FOOTE, JR. Deputy

ORDINANCE NO. 236
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$1000.00
OUT OF THE EL CAPITAN DAM BOND FUND FOR THE
PURPOSE OF PROVIDING FUNDS FOR COMPENSATION TO
BE PAID MR. D. C. HENNY.

BE IT ORDAINED By the Council of The City of San
Diego, as follows:

Section 1. That the sum of One Thousand Dollars
(\$1000.00), or so much thereof as may be necessary, be,
and the same is hereby set aside and appropriated out
of the El Capitan Dam Bond Fund of The City of San Diego,
for the purpose only and exclusively of providing funds
for compensation to be paid Mr. D. C. Henny, under the
terms of Resolutions numbered 60120 and 60140, and the
contract entered into on the 22nd day of May, 1933
between The City of San Diego and Mr. D. C. Henny.

Section 2. This ordinance shall take effect and
be in force on the thirty-first day from and after its
passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Ordinance No. 236, of the ordinances
of the City of San Diego, California, as adopted by the
Council of said City May 22, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 246
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$18,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION AND OTHER EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM FOR THE MONTHS OF JULY, AUGUST AND SEPTEMBER, 1933.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of eighteen thousand dollars (\$18,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection and other expenses in connection with the construction of the El Capitan Reservoir Dam for the months of July, August and September, 1933.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance N. 246, of the ordinances of the City of San Diego, California, as adopted by the Council of said City June 19, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 247
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$649.05 FROM THE EL CAPITAN DAM BOND FUND, FOR THE PURPOSE OF PROVIDING FUNDS FOR THE COST OF THE LITIGATION INCURRED IN THE FOLLOWING CASES: GEORGE R. DALEY AND HENRY FENTON v. CITY OF SAN DIEGO, ET AL. NO. 70858; GEORGE R. DALEY AND HENRY FENTON v. CITY OF SAN DIEGO, ET AL. NO. 71108; CHARLES C. CROUCH v. CITY OF SAN DIEGO, ET AL., NO. 71202; GEORGE R. DALEY AND HENRY FENTON v. CITY OF SAN DIEGO, NO. 71189; AND CHARLES C. CROUCH v. CITY OF SAN DIEGO, ET AL., NO. 71233.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of six hundred forty-nine and 05/100 dollars (\$649.05) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds to pay the following costs of litigation in the following actions in the Superior Court of San Diego County:

George R. Daley and Henry Fenton v.
City of San Diego, et al., No. 70858;

George R. Daley and Henry Fenton v.
City of San Diego, et al., No. 71108;

Charles C. Crouch v. City of San
Diego, et al., No. 71202;

Charles C. Crouch v. City of San
Diego, et al., No. 71233; and

George R. Daley and Henry Fenton v.
City of San Diego, No. 71189.

- | | | |
|-----|--|----------|
| (1) | Witness fees, engineering experts, | \$484.80 |
| (2) | Court Reporter's per diem fee, | 33.75 |
| (3) | Court Reporter, cost of Transcript
of argument in Case No. 70858, | 130.50 |

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 247, of the ordinances of the City of San Diego, California, as adopted by the Council of said City June 19, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOSTER, JR.
Deputy.

ORDINANCE NO. 248
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$1,158.14 FROM THE EL CAPITAN DAM BOND FUND, FOR THE PURPOSE OF PROVIDING FUNDS TO PAY THE COSTS IN CONNECTION WITH THE SALE OF EL CAPITAN DAM BONDS TO THE RECONSTRUCTION FINANCE CORPORATION.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of one thousand one hundred fifty-eight and 14/100 dollars (\$1,158.14) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of paying the costs in connection with the sale of the El Capitan Dam Bonds to the Reconstruction Finance Corporation, as follows:

- (1) Thomson, Wood & Hoffman, Attorneys,
New York City, - preliminary
opinion - \$ 150.00;
- (2) O'Melveny, Tuller & Myers, Attorneys,
Los Angeles, California - pre-
liminary and final opinions - 1008.14.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 248, of the ordinances of the City of San Diego, California, as adopted by the Council of said City June 19, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

AN ORDINANCE CREATING POSITIONS AND ESTABLISHING
A SCHEDULE OF COMPENSATION FOR VARIOUS EMPLOYEES
IN THE WATER DEPARTMENT OF THE CITY OF SAN DIEGO
FOR A LIMITED PERIOD OF TIME.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the following positions, together with the following schedule of compensation applicable thereto, are hereby created and established in the Water Department of The City of San Diego, effective immediately, but to be terminated upon the completion of the El Capitan Reservoir Dam, spillway and outlet works:

1 Draftsman	120-150	month
1 General Clerk-Chauffeur	110-137.50	mo.
2 General Clerk	85-106.25	mo.
1 Civil Engineer (resident engineer)	250-300	mo.
1 Engineer Hydraulic Fill	300-350	mo.
1 Chief Clerk-Accountant	150-187.50	mo.
1 Assistant Civil Engineer	160-200	mo.
2 Chief of Party	140-175	mo.
1 Senior Draftsman	140-175	mo.
1 Topographer	120-150	mo.
2 Instrumentmen	110-137.50	mo.
3 Chainmen	100-125	mo.
3 Excavation Inspector	125-150	mo.
3 Rockfill Inspector	140-175	mo.
3 Concrete Inspector	140-175	mo.
3 Hydraulic Fill Inspector	140-175	mo.
1 Repair and Maintenance Man	3.89-4.86	day
1 Personnel Investigator	115-143.75	mo.
2 Blacksmith	100-125	mo.
2 Carpenter Helper	80-100	mo.
1 Carpenter	90-112.50	mo.
100 Laborer	3.20-4.00	day
1 Electrician	100-125	mo.
1 Plumber	100-125	mo.
2 Powderman	3.67-4.59	day
1 Senior Stenographer	90-112.50	mo.
2 Teamster	3.20-4.00	day
3 Truck Driver	80-100	mo.
2 Watchmen	70- 90	mo.
3 Crew Foreman	95-118.75	mo.
1 Foreman	120-150	mo.

Section 2. That the positions herein created shall be abolished upon the completion of the El Capitan Dam, spillway and outlet works, it being the intent and purpose of this ordinance only to create positions and establish a schedule of compensation for those employees of the City directly employed upon

-2-

the construction of El Capitan Dam and whose services will not be needed after the completion of said construction work.

Section 3. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 273, of the ordinances of the City of San Diego, California, as adopted by the Council of said City July 17, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 278
(New Series)

AN ORDINANCE AMENDING SECTION 1 of ORDINANCE NO. 273 (New Series) OF THE ORDINANCES OF THE CITY OF SAN DIEGO, ADOPTED JULY 17, 1933.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That Section 1 of Ordinance No. 273 (New Series) of the Ordinances of The City of San Diego, entitled, "An Ordinance creating positions and establishing a schedule of compensation for various employees in the Water Department of The City of San Diego for a limited period of time", adopted July 17, 1933, be, and the same is hereby amended to read as follows:

"Section 1. That the following positions, together with the following schedule of compensation applicable thereto, are hereby created and established in the Water Department of The City of San Diego, effective immediately, but to be terminated upon the completion of the El Capitan Reservoir Dam, spillway and outlet works:

1	Draftsmen	120 - 150	mo.
1	General Clerk-Chauffeur	110 - 137.50	mo.
2	General Clerks	85 - 106.25	mo.
1	Civil Engineer (resident engineer)	250 - 300	mo.
1	Engineer Hydraulic Fill	300 - 350	mo.
1	Chief Clerk-Accountant	150 - 187.50	mo.
1	Assistant Civil Engineer	160 - 200	mo.
2	Chiefs of Party	140 - 175	mo.
1	Senior Draftsman	140 - 175	mo.
1	Topographer	120 - 150	mo.
2	Instrumentmen	110 - 137.50	mo.
8	Chainmen	100 - 125	mo.
3	Excavation Inspectors	125 - 150	mo.
3	Rockfill Inspectors	140 - 175	mo.
3	Concrete Inspectors	140 - 175	mo.
3	Hydraulic Fill Inspectors	140 - 175	mo.
1	Repair and Maintenance Man	3.89 - 4.86	da.
1	Personnel Investigator	115 - 143.75	mo.
2	Blacksmiths	100 - 125	mo.
2	Carpenter Helpers	80 - 100	mo.
1	Carpenter	90 - 112.50	mo.
100	Laborers	3.20 - 4.00	da.
1	Electrician	100 - 125	mo.
1	Plumber	100 - 125	mo.
2	Powdermen	3.67 - 4.59	da.

1	Senior Stenographer	90 - 112.50	mo.
2	Teamsters	3.20 - 4.00	da.
3	Truck Drivers	80 - 100	mo.
2	Watchmen	70 - 90	mo.
3	Crew Foremen	95 - 118.75	mo.
2	Tunnel Inspectors	140 - 175	mo."

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 278, of the ordinances of the City of San Diego, California, as adopted by the Council of said City July 31, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 283
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$10,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF CLEARING TIMBER FROM THE EL CAPITAN RESERVOIR BASIN AS UNEMPLOYMENT RELIEF WORK.

WHEREAS, the funds heretofore appropriated from the clearing of brush and timber in the El Capitan Reservoir Basin are insufficient for the completion of said work; and

WHEREAS, it is deemed advisable that such work be continued immediately in order to provide employment for unemployed and needy citizens of the city of San Diego, and in order that said work may be so advanced that the by-pass tunnel at El Capitan Reservoir dam will not be flooded with timber during the coming winter flood runoff from the drainage basin; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Ten Thousand Dollars (\$10,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund for the purpose only and exclusively of providing funds for the clearing of timber from the El Capitan Reservoir Basin, said work to be done by The City of San Diego as unemployment relief work, and in such manner as to afford opportunity for the employment of as many needy citizens as may be consistent with efficient accomplishment of said work.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved
As forform by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 283, of the ordinances of the City of San Diego, California, as adopted by the Council of said City August 7, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK E. FOOTE, JR.
Deputy

ORDINANCE NO. 286
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$1000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR THE CONSTRUCTION OF A MODEL OF THE EL CAPITAN DAM SPILLWAY.

WHEREAS, there is immediate necessity to provide a spillway model of the El Capitan Dam spillway in order to afford opportunity for engineering investigation, research and tests in connection with the construction of the spillway for El Capitan Dam; and

WHEREAS, it is necessary in order to provide for the immediate preservation of the public property and safety that said model be constructed to afford means of determining the proper method of the construction of the El Capitan Dam spillway; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of One Thousand Dollars (\$1,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of said City, for the purpose only and exclusively of providing funds for the construction of a spillway model of the El Capitan Dam Spillway.

Section 2. This ordinance is an emergency measure, to provide for the immediate preservation of the public property and safety, for the reasons set forth in the preamble hereto, and shall therefore take effect and be in force from and after its passage.

Presented by _____

Approved
as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 286, of the ordinances of the City of San Diego, California, as adopted by the Council of said City August 15, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 293
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$500.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING COMPENSATION FOR THE SERVICES OF L. C. HILL AND JOHN P. BUWALDA.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of five hundred dollars (\$500.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund, for the purpose only and exclusively of providing funds to compensate Mr. L. C. Hill and/or Dr. John P. Buwalda for services to be rendered pursuant to the terms of Resolution No. 60664.

Section 2. That the City Auditor be, and he is hereby authorized and directed to honor requisitions against said appropriation for the services of either Mr. L. C. Hill or Dr. John P. Buwalda, when said requisitions have been properly approved by Mr. H. N. Savage, Hydraulic Engineer.

Section 3. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 293, of the ordinances of the City of San Diego, California, as adopted by the Council of said City September 11, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 298
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$18,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION AND OTHER EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM FOR THE MONTHS OF OCTOBER, NOVEMBER AND DECEMBER, 1933.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of eighteen thousand dollars (\$18,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection and other expenses in connection with the construction of the El Capitan Reservoir Dam for the months of October, November and December, 1933.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 298, of the ordinances of the City of San Diego, California, as adopted by the Council of said City September 18, 1933.

ALLEN H. WRIGHT,
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 338
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$10,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF CONTINUING THE CLEARING OF THE EL CAPITAN RESERVOIR BASIN AS UNEMPLOYMENT RELIEF WORK.

WHEREAS, the funds heretofore appropriated for the clearing of brush and timber in the El Capitan Reservoir Basin are insufficient for the completion of said work; and

WHEREAS, it is deemed advisable that such work be continued immediately in order to provide employment for unemployed and needy citizens of The City of San Diego, and in order that said work may be so advanced that the by-pass tunnel at El Capitan Reservoir Dam will not be flooded with timber during the coming winter flood runoff from the drainage basin; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of ten thousand dollars (\$10,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for continuing the work of clearing brush and timber from the El Capitan Reservoir Basin, said work to be done by The City of San Diego as unemployment relief work, and in such manner as to afford opportunity for the employment of as many needy citizens as may be consistent with efficient accomplishment of said work.

Section 2. This is an ordinance for the immediate preservation of the public peace, property, health and safety, for the reasons set forth and defined in the preamble hereto, and shall take effect and be in force from and after its passage.

Presented by _____ Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 338, of the ordinances of the City of San Diego, California, as adopted by the Council of said City October 23, 1933.

ALEEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 348
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$140.45 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR PAYMENT TO THE RECONSTRUCTION FINANCE CORPORATION FOR THE SERVICES AND EXPENSES OF JAMES H. ROPER, REPRESENTATIVE OF SAID RECONSTRUCTION FINANCE CORPORATION.

BE IT ORDAINED By the Council of the City of San Diego, as follows:

Section 1. That the sum of one hundred forty and 45/100 dollars (\$140.45) be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, said sum to be paid to the Reconstruction Finance Corporation for services and expenses of James H. Roper, Representative of said Reconstruction Finance Corporation, during the month of September, 1933, pursuant to the terms of the commitment contract between The City of San Diego and said Reconstruction Finance Corporation in the matter of the sale of the El Capitan Dam Bonds.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by H. N. SAVAGE

Approved as
to form by C. L. BYERS

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 348, of the ordinances of the City of San Diego, California, as adopted by the Council of said City October 30, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 349
(New Series)

AN ORDINANCE APPROPRIATING \$2500.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS TO PAY THE COSTS IN CONNECTION WITH THE APPLICATION OF THE CITY OF SAN DIEGO TO THE UNITED STATES FOR A GRANT TO COMPLETE THE EL CAPITAN DAM PROJECT.

WHEREAS, it is immediately necessary to prepare, execute and deliver to the Administrator, Federal Emergency Administration of Public Works, an application for funds to complete the El Capitan Dam Project; and

WHEREAS, it is necessary to complete said project in order to preserve the public peace, health and safety; therefore this measure is declared to be an emergency measure; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Two Thousand Five Hundred Dollars (\$2,500.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds to pay the legal, engineering, travel, and sustenance expenses of the City Attorney in connection with the preparation, presentation and delivery of an application on behalf of The City of San Diego to the Federal Emergency Administration of Public Works for a direct grant by the United States to The City of San Diego of a sum of Four Hundred Thousand Dollars (\$400,000), or such sum as may be necessary, for the purpose of completing the El Capitan Dam project, including dam, reservoir, spillway, outlet works, pipeline, highway and incidentals.

Section 2. This is an ordinance for the immediate preservation of the public peace, health and safety, for the reason set forth in the preamble hereof, and shall take effect and be in force from and after its passage.

Presented by _____

Approved
as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 349, of the ordinances of the City of San Diego, California, as adopted by the Council of said City October 30, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 351
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$1000.00 FROM THE EL CAPITAN DAM BOND FUND IN ORDER TO PROVIDE FUNDS TO PAY FOR SERVICES AND EXPENSES OF L. C. HILL, JOHN P. BUWALDA AND C. F. TOLMAN, AS CONSULTANTS.

WHEREAS, owing to the necessity of changing from semi-hydraulic placement of hydraulic fill material in the El Capitan Dam, as heretofore practiced, to full hydraulic treatment and placement, and the necessity for requiring the contractor to provide more fines, particularly clay, for the impervious core section of the hydraulic fill area, the services of L. C. Hill, Dr. John P. Buwalda and Dr. C. F. Tolman as consultants for the City should be immediately provided for and secured; and

WHEREAS, in order to provide for the immediate preservation of the public peace, property, health and safety, it is necessary to pass this ordinance as an emergency measure; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of One Thousand Dollars (\$1000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of said City, for the purpose only and exclusively of affording funds to pay for the services and expenses of L. C. Hill, Dr. John P. Buwalda and Dr. C. F. Tolman as consultants.

Section 2. That the services of L. C. Hill, Dr. John P. Buwalda and Dr. C. F. Tolman shall be secured at such time and for such period of time as the Hydraulic Engineer may designate, but the total cost of securing such services shall not exceed the sum of One Thousand Dollars (\$1000.00).

Section 3. This ordinance is an emergency measure, to provide for the immediate preservation of the public peace, property, health and safety, for the reasons set forth in the preamble hereto, and shall therefore take effect and be in force from and after its passage.

Presented by _____
Approved _____
as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 351, of the ordinances of the City of San Diego, California, as adopted by the Council of said City November 6, 1933.

ALLEN H. WRIGHT
City Clerk
By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 372
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$18,000.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION AND OTHER EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM FOR THE MONTHS OF JANUARY, FEBRUARY AND MARCH, 1934.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Eighteen Thousand Dollars (\$18,000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection and other expense in connection with the construction of the El Capitan Reservoir for the months of January, February, and March, 1934.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 372, of the ordinances of the City of San Diego, California, as adopted by the Council of said City December 11, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 375
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$1,500.00 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF PROVIDING ADDITIONAL FUNDS FOR ENGINEERING, CLERICAL, LEGAL AND INSPECTION EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM FOR THE MONTHS OF OCTOBER, NOVEMBER AND DECEMBER, 1933.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of one thousand five hundred dollars (\$1,500.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing additional funds for engineering, clerical, legal and inspection expenses in connection with the construction of the El Capitan Reservoir Dam for the months of October, November and December, 1933.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 375, of the ordinances of the City of San Diego, California, as adopted by the Council of said City December 26, 1933.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 388
(New Series)

AN ORDINANCE AMENDING SECTION 2 OF ORDINANCE NO. 13514 OF THE ORDINANCES OF THE CITY OF SAN DIEGO, ENTITLED, "AN ORDINANCE ALLOCATING TO CERTAIN ACCOUNTS IN THE OFFICE OF THE AUDITOR AND CONTROLLER THE MONEYS AND PROCEEDS OF UNSOLD EL CAPITAN DAM BONDS IN THE CITY TREASURY, HERETOFORE AUTHORIZED TO BE EXPENDED FOR THE CONSTRUCTION OF A DAM AND RESERVOIR AT EL CAPITAN DAM SITE, THE ACQUISITION OF LANDS AND RIGHTS OF WAY NECESSARY THEREFOR, AND OTHER PURPOSES," APPROVED APRIL 25, 1932.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That Section 2 of Ordinance No. 13514 of the ordinances of the City of San Diego, entitled, "An Ordinance allocating to certain accounts in the Office of the Auditor and Controller the moneys and proceeds of unsold El Capitan Dam Bonds in the City Treasury, heretofore authorized to be expended for the construction of a dam and reservoir at El Capitan Dam Site, the acquisition of lands and rights of way necessary therefor, and other purposes," approved April 25, 1932, be, and the same is hereby amended to read as follows:

"Section 2. That there be and there is hereby allocated and set aside out of the proceeds from the sale of \$2,695,000.00 of unsold El Capitan Dam Bonds, now in the El Capitan Dam Bond Fund, the additional sum of one million, eight hundred sixty-two thousand, three hundred seventy-four and 04/100 dollars (\$1,862,374.04), for the purpose only and exclusively of payment from time to time to H. W. Rohl and T. E. Connolly of amounts accruing and payable to them under their contract with the City to build El Capitan Reservoir Dam, Spillway and Outlet Works."

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 388, of the ordinances of the City of San Diego, California, as adopted by the Council of said City January 15, 1934.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 389
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$173.80
OUT OF THE EL CAPITAN DAM BOND FUND OF THE
CITY OF SAN DIEGO, AND TRANSFERRING THE SAME
TO ITEM AC#1329, CITY ATTORNEY'S FUND.

BE IT ORDAINED By the Council of The City of San Diego,
as follows:

Section 1. That the sum of one hundred seventy-three and
80/100 dollars (\$173.80) be, and the same is hereby set aside
and appropriated out of the El Capitan Dam Bond Fund of The
City of San Diego, and transferred to Item AC#1329, City At-
torney's Fund, for the purpose of reimbursing said fund for
expenses incurred in connection with the El Capitan Dam pro-
ject.

Section 2. This ordinance shall take effect and be in
force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Ordinance No. 389, of the ordinances
of the City of San Diego, California, as adopted by the Council
of said City January 15, 1934.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 416
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$16,500.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION, AND OTHER EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, FOR THE MONTHS OF APRIL, MAY AND JUNE, 1934.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of sixteen thousand five hundred dollars (\$16,500.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection, and other expense in connection with the construction of the El Capitan Reservoir Dam for the months of April, May and June, 1934.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____
C. L. Byers, City Attorney

By _____
H. B. Daniel
Deputy City Attorney

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 416, of the ordinances of the City of San Diego, California, as adopted by the Council of said City March 5, 1934.

ALLEN H. WRIGHT, City Clerk
By CLARK M. FOOTE, JR., Deputy

ORDINANCE NO. 435
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$217,470.00 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE ONLY AND EXCLUSIVELY OF PROVIDING FUNDS FOR PAYMENT FROM TIME TO TIME TO BODENHAMER CONSTRUCTION COMPANY OF AMOUNTS ACCRUING AND PAYABLE TO IT UNDER ITS CONTRACT WITH THE CITY OF SAN DIEGO FOR THE CONSTRUCTION OF THE EL CAPITAN SPILLWAY EXTENSION.

WHEREAS, there are now in the City Treasurer of The City of San Diego certain funds held in the El Capitan Dam Bond Fund, applicable exclusively to the purpose of constructing a dam at the City's El Capitan Dam and Reservoir Site, which said funds were authorized to be expended exclusively for said purpose by the electors of the city at an election held on the 18th day of November, 1924, and at an election held on the 15th day of December, 1931; and

WHEREAS, the Council has heretofore, to-wit, on the 23rd day of April, 1934, awarded to Bodenhamer Construction Company, as the lowest responsible and reliable bidder a contract for the construction of the El Capitan Spillway Extension; and

WHEREAS, it is at this time desirable and convenient to allocate to certain appropriate accounts in the office of the Auditor and Comptroller of the City, for the purpose hereinbefore mentioned, definite proportions of the moneys in said El Capitan Dam Bond Fund, which said moneys have been heretofore and now are authorized to be used and expended for the said El Capitan Dam and Reservoir Project; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of two hundred seventeen thousand, four hundred seventy dollars (\$217,470.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund, for the purpose only and exclusively of payment from time to time to Bodenhamer Construction Company of amounts accruing and payable to said company under its contract with the City for the construction of the El Capitan Spillway Extension.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as to form by _____

I HEREBY CERTIFY that the above and foregoing is a full,

true and correct copy of Ordinance No. 435, of the ordinances of the City of San Diego, California, as adopted by the Council of said City April 30, 1934.

ALLEN H. WRIGHT
City Clerk

By AUGUST M. WADSTROM
Deputy

ORDINANCE NO. 444
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$712.50 OUT OF THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF PAYING THE LA MESA, LEMON GROVE & SPRING VALLEY IRRIGATION DISTRICT FOR PUMPING COSTS INCURRED BY SAID DISTRICT AS A RESULT OF THE CONSTRUCTION OF A CONCRETE WATERWAY THROUGH THE EL CAPITAN DAM.

WHEREAS, in the construction of the El Capitan Dam, and as a part thereof, it became necessary to construct through the upper portion of said dam a concrete waterway, so as to permit water service to the La Mesa, Lemon Grove & Spring Valley Irrigation District; and

WHEREAS, in order to construct said concrete waterway through the dam it was necessary to shut off the water service then being received by the Irrigation District through its flume; and

WHEREAS, as a direct result thereof it was necessary to require the Irrigation District to operate its El Monte pumping plant during said period of time; and

WHEREAS, the cost resulting from said construction work is \$712.50; NOW, THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of seven hundred twelve and 50/100 dollars (\$712.50), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of paying the La Mesa, Lemon Grove & Spring Valley Irrigation District for pumping costs incurred by said district as a result of the construction by The City of San Diego of a concrete waterway through the El Capitan Dam.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____
City Attorney.

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 444, of the ordinances of the City of San Diego, California, as adopted by the Council of said City May 14, 1934.

ALLEN H. WRIGHT, City Clerk

By CLARK M. FOOTE, JR., Deputy

ORDINANCE NO. 452
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$16,500.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION, AND OTHER EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, FOR THE MONTHS OF JULY, AUGUST AND SEPTEMBER, 1934.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Sixteen Thousand Five Hundred Dollars (\$16,500.00), or so much thereof as may be necessary, be and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection, and other expense in connection with the construction of the El Capitan Reservoir Dam for the months of July, August and September, 1934.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from the after its passage.

Presented by _____

Approved as
to form by _____
C. L. Byers City Attorney

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 452, of the ordinances of the City of San Diego, California, as adopted by the Council of said City June 1, 1934.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR., Deputy

ORDINANCE NO. 484
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$8,500.00 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF PROVIDING FUNDS FOR THE COMPLETION OF THE CLEARING OF THE EL CAPITAN RESERVOIR BASIN.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of eight thousand five hundred dollars (\$8,500.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for the completion of the clearing of standing trees and dead and down timber in the El Capitan Reservoir Basin.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____
City Attorney.

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 484, of the ordinances of the City of San Diego, California, as adopted by the Council of said City July 30, 1934.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 488
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$2000.00 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO FOR THE PURPOSE OF PROVIDING COMPENSATION FOR THE SERVICES OF L. C. HILL, CONSULTING ENGINEER, DR. JOHN P. BUWALDA, CONSULTING GEOLOGIST and DR. C. F. TOLMAN, CONSULTING GEOLOGIST.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of two thousand dollars (\$2000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds to compensate Mr. L. C. Hill, Consulting Engineer, Dr. John P. Buwalda, Consulting Geologist, and Dr. C. F. Tolman, Consulting Geologist, for services to be rendered pursuant to the terms of Resolution No. 61973.

Section 2. That the City Auditor be, and he is hereby authorized and directed to honor requisitions against said appropriation for the services of either Mr. L. C. Hill, Dr. John P. Buwalda and/or Dr. C. F. Tolman, when said requisitions have been properly approved by Mr. F. D. Pyle, Hydraulic Engineer.

Section 3. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____
City Attorney.

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 488, of the ordinances of the City of San Diego, California, as adopted by the Council of said City August 13, 1934.

ALLEN H. WRIGHT, City Clerk
By CLARK M. FOOTE, JR., Deputy

ORDINANCE NO. 496
(New Series)

AN ORDINANCE APPROPRIATING THE SUM OF \$15,500.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION, AND OTHER EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, FOR THE MONTHS OF OCTOBER, NOVEMBER AND DECEMBER, 1934.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Fifteen Thousand Five Hundred Dollars (\$15,500.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection, and other expense in connection with the construction of the El Capitan Reservoir Dam for the months of October, November and December, 1934.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____
City Attorney

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 496, of the ordinances of the City of San Diego, California, as adopted by the Council of said City August 27, 1934.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOPE, JR.,
Deputy

AN ORDINANCE APPROPRIATING THE SUM OF \$58,500.00 FROM THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE ONLY AND EXCLUSIVELY OF PROVIDING FUNDS FOR PAYMENT FROM TIME TO TIME TO M. H. GOLDEN OF AMOUNTS ACCRUING AND PAYABLE TO HIM UNDER HIS CONTRACT WITH THE CITY OF SAN DIEGO FOR THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM TUNNEL INNER LINING.

WHEREAS, there are now in the City Treasury of The City of San Diego certain funds held in the El Capitan Dam Bond Fund, applicable exclusively to the purpose of constructing a dam at the City's El Capitan Dam and Reservoir Site, which said funds were authorized to be expended exclusively for said purpose by the electors of the city at an election held on the 18th day of November, 1924, and at an election held on the 15th day of December, 1931; and

WHEREAS, the Council has heretofore, to-wit, on the 13th day of November, 1934, awarded to M. H. Golden, as the lowest responsible and reliable bidder a contract for the construction of the El Capitan Reservoir Dam Tunnel Inner Lining; and

WHEREAS, it is at this time desirable and convenient to allocate to certain appropriate accounts in the office of the Auditor and Comptroller of the City, for the purpose hereinbefore mentioned definite proportions of the moneys in said El Capitan Dam Bond Fund, which said moneys have been heretofore and now are authorized to be used and expended for the said El Capitan Dam and Reservoir Project; NOW THEREFORE,

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of fifty-eight thousand five hundred dollars (\$58,500.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of payment from time to time to M. H. Golden of amounts accruing and payable to said M. H. Golden under his contract with the City for the construction of the El Capitan Reservoir Dam Tunnel Inner Lining.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by-----

Approved as to form by C. L. Byers, City Attorney

By Deputy City Attorney

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 549 of the ordinances of the City of San Diego, California, as adopted by the Council of said City November 20, 1934.

ALLEN H. WRIGHT, City Clerk

By CLARK H. FOOTE, JR., Deputy

ORDINANCE NO. 550
(new series)

AN ORDINANCE APPROPRIATING THE SUM OF \$1000.00 OUT OF THE EL CAPITAN DAM BOND FUND OF THE CITY OF SAN DIEGO, FOR THE PURPOSE OF PURCHASING AND INSTALLING APPURTENANCES AT THE EL CAPITAN RESERVOIR DAM.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of one thousand dollars (\$1000.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for the purchase and installation of the following appurtenances at the El Capitan Reservoir Dam:

A fence around the spillway side of the parking area at the north end of the dam;

Painting a gauge on the outlet tower;

Furnishing and installing bronze plaque;

Installing covers over drainage well shafts;

Installing weir to measure flow of water in the river below the dam;

Miscellaneous appurtenances which may become necessary as the dam is completed and put into operation.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as to form by C. L. BYERS,
City Attorney

By _____
Deputy City Attorney

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 550 of the ordinances of the City of San Diego, California, as adopted by the Council of said City November 20, 1934.

ALLEN H. WRIGHT, City Clerk

By CLARK M. FOOTE, JR., Deputy

ORDINANCE NO. 558
New Series

AN ORDINANCE APPROPRIATING THE SUM OF \$9,750.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION, AND OTHER EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, FOR THE MONTHS OF JANUARY, FEBRUARY AND MARCH, 1935.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Nine Thousand Seven Hundred Fifty Dollars (\$9,750.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection, and other expense in connection with the construction of the El Capitan Reservoir Dam for the months of January, February and March, 1935.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
to form by _____
City Attorney

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 558, of the ordinances of the City of San Diego, California, as adopted by the Council of said City December 4, 1934.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

ORDINANCE NO. 565
(new series)

AN ORDINANCE APPROPRIATING THE SUM OF \$2,550.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR ENGINEERING, LEGAL, CLERICAL AND INSPECTION EXPENSE, INCLUDING PREPARATION OF DESIGNS, DRAWINGS AND SPECIFICATIONS, SUPPLIES AND EQUIPMENT, TESTING OF MATERIALS, FIRE PROTECTION, AND OTHER EXPENSES IN CONNECTION WITH THE CONSTRUCTION OF THE EL CAPITAN RESERVOIR DAM, FOR THE MONTHS OF OCTOBER, NOVEMBER AND DECEMBER, 1934.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Two Thousand Five Hundred Fifty Dollars (\$2,550.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for engineering, legal, clerical and inspection expense, including preparation of designs, drawings and specifications, supplies and equipment, testing of materials, fire protection, and other expense in connection with the construction of the El Capitan Reservoir Dam for the months of October, November and December, 1934, said sum being in addition to and for the same purpose as the funds set aside by Ordinance No. 496 of the ordinances of The City of San Diego, adopted August 27, 1934.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

Presented by _____

Approved as
form by _____
City Attorney

I HEREBY CERTIFY that the above and foregoing is a full, true, and correct copy of Ordinance No. 565, of the ordinances of the City of San Diego, California, as adopted by the Council of said City December 11, 1934.

ALLEN H. WRIGHT, City Clerk

By CLARK M. FOOTE, JR., Deputy

ORDINANCE NO. 566 (new series)

AN ORDINANCE APPROPRIATING THE SUM OF \$900.00 FROM THE EL CAPITAN DAM BOND FUND FOR THE PURPOSE OF PROVIDING FUNDS FOR THE PURCHASE BY THE CITY OF SAN DIEGO OF CERTAIN BUILDINGS AND STRUCTURES NOW LOCATED AT AND ABOUT THE EL CAPITAN DAM SITE.

BE IT ORDAINED By the Council of The City of San Diego, as follows:

Section 1. That the sum of Nine hundred dollars (\$900.00), or so much thereof as may be necessary, be, and the same is hereby set aside and appropriated out of the El Capitan Dam Bond Fund of The City of San Diego, for the purpose only and exclusively of providing funds for the purchase of certain buildings now located at and about the El Capitan Dam site, together with the fixtures and appurtenances now located in, about and upon such buildings, all being more particularly described as follows, to-wit:

Bath house, size: 20' x 38';

Store room, size: 10' x 12', (including all plumbing fixtures and the electric hot water plant now located within the building);

Camp boss house, size: 12' x 24';

Mess hall, size: 90' (maximum length) x 72' (maximum width), mess hall to include large Masden range and ice box and all connections of the tanks now contained within the building;

Doctor's house, size: 12' x 24';

Residence, size: 23' x 35' (electrical hot water heater not included);

Office building, size: 32' x 40';

Guest house, size: 32' x 47' (electrical hot water heater not included);

Warehouse building;
Shop building.

Section 2. This ordinance shall take effect and be in force on the thirty-first day from and after its passage.

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Ordinance No. 566, of the ordinances of the City of San Diego, California, as adopted by the Council of said City December 11, 1934.

ALLEN H. WRIGHT, City Clerk

By CLARK M. FOOTE, JR., Deputy.

RESOLUTION NO. 55215

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the City Attorney and Hydraulic Engineer compile a report in writing as to the amounts of water then can or will have to be delivered or furnished to the La Mesa, Lemon Grove & Spring Valley Irrigation District at El Capitan dam-site and/or Mission Gorge dam-site.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 55215 of the Common Council of the City of San Diego, as adopted by the said Council November 10, 1930.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 55491

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That Hydraulic Engineer H.N.Savage be and he is hereby
instructed to file with this Common Council plans for dams at
Mission Gorge No.2 Site and El Capitan Sites Nos.1 and 2, such
plans thereafter to be submitted to the State Engineer for his
consideration and recommendations, and the hydraulic engineer
is instructed to submit also estimates of cost of the several
dams mentioned above.

I HEREBY CERTIFY the above to be a full, true, and correct
copy of Resolution No. 55491 of the Common Council of the City
of San Diego, as adopted by the said Council December 16, 1930.

ALLEN H. WRIGHT
City Clerk

By CLARK N. FOOTE, JR.
Deputy

RESOLUTION NO. 55598

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Hydraulic Engineer, in preparing plans and specifications for a dam at El Capitan site, be and he is hereby instructed to submit plans on both (a) the rock fill type and (b) the gravity arch type, such plans to be ready for submission to the State Engineer for his approval.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 55598 of the Common Council of the City of San Diego, as adopted by the said Council January 5, 1931.

ALLEN H. WRIGHT

City Clerk

By CLARK M. FOOTE, JR.

Deputy

RESOLUTION NO. 55891

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That H.N.Savage, hydraulic engineer in charge of water development, be and he is hereby authorized and instructed to meet with C.Harritt, of the La Mesa, Lemon Grove & Spring Valley Irrigation District, and these two to select a third engineer, the services of the latter to be paid for jointly by the city and the district, the three thereupon to compile and submit to this Common Council estimates of the cost of production of water at the El Capitan site at elevations of 140, 160, 197 and 235 foot contour and at San Vicente site at 160 and 250 foot contour elevations, such estimates to cover costs at El Capitan by itself and also in conjunction with the San Vicente project, this data to be furnished at the earliest possible date.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 55891 of the Common Council of the City of San Diego, as adopted by the said Council February 9, 1931.

ALLEN H. WRIGHT

CITY CLERK

By CLARK M. FOOTE, JR.

DEPUTY

RESOLUTION NO. 55892

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That H.N.Savage, hydraulic engineer in charge of water development, be and he is hereby instructed to prepare and submit to this council the following data:

Approximate cost of water per thousand gallons, delivered at the outlet of a proposed rock-fill dam at El Capitan site to a height that will guarantee a net safe yield of 11,000,000 gallons per day, the approximate cost to include a proportionate part of \$240,000 as the price of acquiring the necessary 190 acres in the El Capitan site, this being the properties of the La Mesa, Lemon Grove & Spring Valley Irrigation District along the San Diego River; together with the additional 80 acres in the reservoir site, the cost of the Indian Reservation lands, and any other cost deemed necessary to reach the final cost figures;

Also the estimated cost of a diverting pipe-line from the Dulzura conduit to the 300-foot contour reservoir above the District, where it is suggested delivery of water from another water-shed would eliminate any legal entanglements from riparian owners, outside of the District ownership.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 55892 of the Common Council of the City of San Diego, as adopted by the said Council February 9, 1931.

ALLEN H. WRIGHT

City Clerk

By CLARK M. FOOTE, JR.

Deputy

RESOLUTION NO. 57059

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the City Attorney, Hydraulic Engineer, Special Counsel
T. B. Cosgrove and a representative of the El Capitan Water
Committee, be and they are hereby requested to attend a conference
with the Council at 10:00 A. M. on Thursday, August 27th, as to
legal obstacles which may be in the way of proceeding with the
construction of water development work at El Capitan, and Mr.
T. B. Cosgrove is asked to bring all data in his possession
which may bear upon the matter.

I HEREBY CERTIFY the above to be a full, true and correct
copy of Resolution No. 57059 of the Common Council of the City
of San Diego, as adopted by said Council August 17, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57090

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Mayor of The City of San Diego be, and he is hereby authorized and directed to make and sign application to the Division of State Lands of the State of California to purchase, for and on behalf of The City of San Diego, under the provisions of Chapter 389 of the Statutes of 1915, as amended by Chapter 672 of the Statutes of 1931, the following described state lands situated in the County of San Diego, State of California, to-wit:

The northwest quarter of the northwest quarter of Section 16, Township 15 South, Range 2 East, S. B. M., said lands being within the El Capitan Reservoir basin projected City development, and comprising about 40 acres.

Presented by _____

Approved by _____

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 57090 of the Common Council of the City of San Diego, California, as adopted by said Council August 24, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57121

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the hydraulic engineer in charge of water development be and he is hereby directed to bring in immediately plans, specifications and estimates of cost for the construction of an hydraulic earth and rock fill dam at El Capitan site on the San Diego River; also the necessary extension of the recently constructed pipe line and the construction of a tunnel of sufficient capacity to serve a dam of not less than 197 feet in height, and that the legal department be and it is hereby instructed to take the necessary steps immediately to clear the way for the city's work to proceed.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 57121 of the Common Council of the City of San Diego, as adopted by said Council August 27, 1931

ALLEN H. WRIGHT

City Clerk

By CLARK M. FOOTE, JR.

Deputy

RESOLUTION NO. 57154

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Hydraulic Engineer be and he is hereby instructed to
prepare for submission at the same time to the State Engineer
the plans for Hodges Dam strengthening and for the El Capitan
Dam .

I HEREBY CERTIFY that the above is a full, true and correct
copy of Resolution No. 57154 of the Common Council of the City
of San Diego, as adopted by said Council August 31, 1931.

ALLEN H. WRIGHT

City Clerk

By CLARK M. FOOTE, JR.

Deputy

RESOLUTION NO. 57298

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Hydraulic Engineer of The City of San Diego be, and he is hereby directed immediately to make and file with the State Engineer application for approval of plans and specifications for the construction of a hydraulic earth and rockfill dam, 197 ft. high above stream bed, to be constructed at El Capitan Dam site; and likewise immediately to submit to said Engineer all plans, specifications, information and data which may be required or necessary to such approval; and that said Hydraulic Engineer proceed at once to Sacramento for such purpose, taking all necessary steps to secure from the State Engineer the approval of such plans and specifications and permit to build said dam at the earliest possible date, pursuant to the terms of the Act of the Legislature, approved June 10, 1929 (Statutes of 1929, page 1505).

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 57298 of the Common Council of the City of San Diego, California, as adopted by said Council September 30, 1931.

ALLEN H. WRIGHT

City Clerk

By CLARK M. FOOTE, JR.

Deputy

RESOLUTION NO. 57299

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the city attorney be and he is hereby instructed to accompany the hydraulic engineer to Sacramento in connection with the proposed plans for a dam at El Capitan dam site in order to be ready to answer any legal questions which may arise at the time of submission of said plans.

The incidental expenses of said city attorney in connection with said trip are hereby authorized.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57299 of the Common Council of the City of San Diego, as adopted by the said Council September 30, 1931.

ALLEN H. WRIGHT

City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57300

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the city attorney, in conjunction with the hydraulic engineer in charge of water development, be and he is hereby directed to prepare an ordinance appropriating from the Reserve Fund such sum as may be necessary to meet the fees to be charged by the state engineer for checking plans for the El Capitan Dam, said Reserve Fund to be reimbursed when funds from the El Capitan Dam bond issue may be released.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57300 of the Common Council of the City of San Diego, as adopted by the said Council September 30, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57397

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That C. D. Marx of Palo Alto, California, be, and he is hereby employed by The City of San Diego as the Consulting Engineer in connection with a dam to be built at the El Capitan damsite, County of San Diego.

That he is to furnish such reports in the capacity of consulting engineer on the construction of El Capitan Dam as may be required by the State Engineer of the State of California; and shall commence work on such study and report on the 23rd day of October, 1931, or as near thereafter as possible, and shall complete the same in not to exceed fifteen (15) days thereafter.

That his compensation shall be One Hundred Dollars (\$100.00) per day, plus expenses from Palo Alto to San Diego and return, and current expenses while in the City of San Diego.

BE IT FURTHER RESOLVED that a majority of the members of the Common Council be, and they are hereby authorized to enter into a contract with C. D. Marx, which contract shall contain the above conditions and terms.

Presented by _____

Approved by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 57397, as adopted by the Common Council of the city of San Diego on October 19, 1931.

ALLEN H. WRIGHT

City Clerk

By CLARK M. FOOTE, JR. Deputy

RESOLUTION NO. 57398

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That C. F. Tolman of Palo Alto, California, be, and he is hereby employed to furnish The City of San Diego a geological report in connection with the damsite known as the El Capitan, in the County of San Diego; and he shall make such studies and report as may be necessary in order to fulfill the requirements of the State Engineer in ascertaining, compiling and submitting the geological data necessary to enable the State Engineer to have full information concerning same; and shall commence work on said study and report on the 23rd day of October, 1931, or as near thereafter as possible, and shall complete the same in not to exceed fifteen (15) days thereafter.

That his compensation shall be One Hundred Dollars (\$100.00) per day, plus expenses from Palo Alto to San Diego and return, and current expenses while in the City of San Diego.

BE IT FURTHER RESOLVED that a majority of the members of the Common Council be, and they are hereby authorized to enter into a contract with C. F. Tolman, which contract shall contain the above conditions and terms.

Presented by _____

Approved by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 57398, as adopted by the Common Council of the city of San Diego on October 19, 1931.

ALLEN H. WRIGHT

City Clerk

By CLARK M. POOTE, JR.

Deputy

RESOLUTION NO. 57447

A RESOLUTION DEEMING THE EXPENDITURE OF MONEY RAISED BY THE SALE OF BONDS UNDER THE MUNICIPAL BONDING ACT (STATUTES OF 1901, PAGE 27, AND AMENDMENTS THERETO), FOR ONE OF THE PURPOSES FOR WHICH SAID BONDS WERE VOTED, IMPRACTICABLE OR UNWISE.

WHEREAS, on the 16th day of July, 1929, at a Special Election duly and regularly called and held in The City of San Diego, the qualified electors of the said City, by a two-thirds vote, authorized the issuance and sale of \$2,100,000.00 bonds of The City of San Diego, for the purpose of the acquisition, construction and completion of a main pipe line extending from the Lower Otay Reservoir to the University Heights Reservoir, and the construction and enlargement of a dam and reservoir of increased capacity at Chollas Heights, and the construction and enlargement of the spillway and dam at the Morena Reservoir, in the County of San Diego, State of California; and

WHEREAS, a portion of the money raised by the sale of said bonds has been expended in the construction of a pipe line from the Lower Otay Reservoir to the University Heights Reservoir, and the enlargement of the spillway and dam at the Morena Reservoir, which improvements have been completed; and

WHEREAS, it is deemed impracticable or unwise to expend any portion of the remaining money raised by the sale of said bonds for the purpose of the construction and enlargement of a dam and reservoir of increased capacity at Chollas Heights; NOW, THEREFORE,

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That it is hereby deemed the expenditure of money raised by the sale of municipal bonds, to-wit: Pipeline and Reservoir Bonds, authorized by vote of the electors of said City at an election duly and regularly held on the 16th day of July, 1929, pursuant to the terms of the Municipal Bonding Act (Statutes of 1901, page 27, and amendments thereto), for one of the purposes for which said bonds were voted, to-wit: For the construction and enlargement of a dam and reservoir of increased capacity at Chollas Heights, is impracticable or unwise.

That a Special Election be called to obtain the consent of the electors of said City to use the unexpended portion of the money, remaining after payment of all legal demands against said City and payable out of the Pipeline and Reservoir Bond Fund, raised by the sale of said bonds, for another

municipal purpose, to-wit: For the acquisition, construction and completion of a dam of a type to be approved by the State Engineer of California, pursuant to the requirements of law, said dam to be constructed on the San Diego River, in the County of San Diego, State of California, in the locality known as the El Capitan Dam and Reservoir Site.

Approved by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 57447, as adopted by the Common Council of the city of San Diego on October 26, 1931.

ALLEN H. WRIGHT
City Clerk

CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57448

A RESOLUTION DEEMING THE EXPENDITURE OF MONEY RAISED BY THE SALE OF BONDS UNDER THE MUNICIPAL BONDING ACT (STATUTES OF 1901, PAGE 27, AND AMENDMENTS THERETO), FOR ONE OF THE PURPOSES FOR WHICH SAID BONDS WERE VOTED IMPRACTICABLE OR UNWISE.

WHEREAS, on the 18th day of November, 1924, at a Special Election duly and regularly called and held in the City of San Diego, the qualified electors of the said City, by a two-thirds vote, authorized the issuance and sale of \$4,500,000.00 bonds of The City of San Diego, for the purpose of the acquisition of lands, dam site, reservoir, reservoir site, rights of way, pipe lines, conduits and water filtering plant for a dam, and the acquisition, construction and completion of a dam, of the arched, gravity section, masonry type, at a point known as El Capitan Dam Site No. 2, located on the San Diego River, in the County of San Diego, State of California, and the acquisition, construction and completion of a pipe line from the El Capitan Dam to the University Heights Reservoir, in the City of San Diego, for the purpose of developing, impounding, conserving, storing and distributing the waters of the San Diego River and its tributaries, for the use of the inhabitants of the City of San Diego; and

WHEREAS, it is deemed impracticable or unwise to expend any portion of said money raised by the sale of said bonds for the purpose of the acquisition, construction and completion of a dam, of the arched, gravity section, masonry type, at a point known as El Capitan Dam Site No. 2, located on the San Diego River, in the County of San Diego, State of California;

NOW, THEREFORE,

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That it is hereby deemed the expenditure of money raised by the sale of municipal bonds, to-wit: El Capitan Dam Bonds of The City of San Diego, authorized by vote of the electors of said City at an election duly and regularly held on the 18th day of November, 1924, pursuant to the terms of the Municipal bonding Act (Statutes of 1901, page 27, and amendments thereto), for one of the purposes for which said bonds were voted, to-wit: for the acquisition, construction and completion of a dam of the arched, gravity section, masonry type, at a point known as El Capitan Dam Site No. 2, located on the San Diego River, in the County of San Diego, State of California, is impracticable or unwise.

That a Special Election be called to obtain the consent of the electors of said City to use said bond funds for another municipal purpose, to-wit: for the purpose of the acquisition of lands, dam site, reservoir, reservoir site, rights of way, pipe lines, conduits and water filtering plant for a dam, and the acquisition, construction and completion of a dam of a type to be approved by the State Engineer of California, pursuant to the requirements of law, said dam to be constructed on the San Diego River, in the County of San Diego, State of California, in the locality known as the El Capitan Dam and Reservoir Site, and the acquisition, construction and completion of a pipe line from the El Capitan Dam to the University Heights Reservoir, in the City of San Diego, for the purpose of developing the waters of the San Diego River and its tributaries.

Approved by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 57448, as adopted by the Common Council of the city of San Diego on October 26, 1931.

ALLEN H. WRIGHT
City Clerk

CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57477

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the minimum wage scale on the El Capitan Dam Project now proposed be, and it is hereby fixed at \$5.00 per day.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 57477 of the Common Council of the City of San Diego, as adopted by the said Council October 28, 1931.

ALLEN H. WRIGHT
City Clerk

By HELEN M. WILLIG
Deputy

RESOLUTION NO. 57573

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the "Geological and Engineering Report on the Proposed Dam at El Capitan Dam Site Number 2 on the San Diego River," made by G.D. Marx and C. F. Tolman, and transmitted under date of November 10, 1931, be and it is hereby approved and adopted, said report bearing Document No. 272758 in the office of the City Clerk, and, Further,

That the City Attorney be and he is hereby directed to make formal application to the State Engineer for approval of the city's plans for the construction of said dam, accompanying said application with the duly certified copy of said report, together with the required fee.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 57573 of the Common Council of the City of San Diego, California, as adopted by said Council November 18, 1931.

ALLEN H. WRIGHT
City Clerk

CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57575

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Hydraulic Engineer and a representative of the Legal Department be and they are hereby authorized and directed to proceed to Sacramento to place before the State Engineer all necessary plans, specifications, reports, etc., in connection with the proposed dam at El Capitan Site No. 2, and make formal application for the requisite permit; the necessary expenses incident to such trip being hereby authorized.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 57575 of the Common Council of the City of San Diego, as adopted by the said Council November 19, 1931.

ALLEN H. WRIGHT
City Clerk

CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57624

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the basis of agreement between The City of San Diego and the La Mesa, Lemon Grove and Spring Valley Irrigation District this date submitted by the City Attorney, be, and it is hereby approved and ratified; and

BE IT FURTHER RESOLVED that the City Attorney be, and he is hereby authorized and directed to proceed with the preparation of a detailed contract embodying the principles and terms of the draft this date submitted.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 57624 of the Common Council of the City of San Diego, California, as adopted by said Council November 30, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57641

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Hydraulic Engineer be, and he is hereby authorized to proceed at once to Washington to take up with the Bureau of Indian Affairs the matter of additional lands at El Capitan reservoir site; and that the Mayor and City Attorney be, and they are hereby authorized to proceed to Washington, if and when it shall be deemed requisite for them to appear on behalf of the City's requested amendment of the El Capitan Act; and to incur the incident expenses in connection with the above authorized trips.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57641 of the Common Council of the City of San Diego, as adopted by the said Council December 7, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57656

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That this Common Council goes on record as declaring that the El Capitan Dam shall be built by contract from beginning to end, and that San Diego labor shall be employed and that moneys used for the building of said dam shall be banked in the banks of San Diego and checked out of the banks of San Diego, and that all machinery and tools be purchased as far as possible by competitive bids and be bought and purchased in San Diego.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57656 of the Common Council of the City of San Diego, as adopted by the said Council December 9, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57677

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Common Council does hereby authorize the Water Development Department to start the preliminary work suggested by the Hydraulic Engineer in Document No. 273172, as soon as it shall be seen that the transfer of funds has been authorized by the voters; if the City Attorney shall decide it can be legally done.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57677 of the Common Council of the City of San Diego, as adopted by the said Council December 14, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57705

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Hydraulic Engineer be and he is hereby instructed to prepare and submit by Monday, the 21st inst., such data as may be necessary to have started at once the work of clearing up the El Capitan dam site and reservoir site, such work to be done by force account, and all to be preparatory to the construction of the dam, such data to include the type of labor and supervision needed, etc., the Hydraulic Engineer to co-operate with the Civil Service Commission as to the labor to be so employed.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57705 of the Common Council of the City of San Diego, as adopted by the said Council December 16, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57725

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Mayor, and Samuel I. Fox representing the "El Capitan Citizens Committee", be and they are hereby authorized to take up at once with consulting Engineer C. D. Marx the question as to whether or not in his opinion, any other type of dam than that already approved by the State Engineer, of the same measure of safety, can be constructed at less cost than the type already approved.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57725 of the Common Council of the City of San Diego, as adopted by the said Council December 21, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57732

WHEREAS, the citizens of The City of San Diego, at a special election held on Tuesday, the 15th day of December, 1931, authorized and directed the issuance and sale by The City of San Diego of certain bonds amounting to Three hundred thousand dollars (\$300,000.00), the proceeds to be used in the construction of certain public improvements in and about said city; and

WHEREAS, many of the citizens of The City of San Diego are at present without gainful employment and it is to the best interest of The City of San Diego that as many of its citizens as possible be gainfully employed; NOW, THEREFORE,

BE IT RESOLVED by the Common Council of The City of San Diego, as follows:

That all labor in and about the preparation, printing or lithographing of said bonds be required to be performed by bonafide residents of The City of San Diego.

Presented by _____

Approved
as for form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 57732, as adopted by the Common Council of the city of San Diego on December 22, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57743

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

WHEREAS, the electors of the City of San Diego have authorized the construction of a dam across the San Diego River at the El Capitan Dam site for the conservation of water resources of the San Diego River in the El Capitan Reservoir Basin; and

WHEREAS, the County road leading to this work, particularly between El Monte Oak Park and the El Capitan Dam and Reservoir Site, is defective and not safe to travel, NOW, THEREFORE,

BE IT RESOLVED By the Common Council of the City of San Diego, as follows:

That the Common Council of the City of San Diego hereby petition to the Board of Supervisors of the County of San Diego, State of California for the immediate improvement of the County highway leading to the El Capitan dam and reservoir site known as County Road No. 389, particularly that portion thereof between El Monte Oak Park and the El Capitan dam and reservoir site, which petition shall read as follows:

TO THE HONORABLE, THE BOARD OF SUPERVISORS
OF THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA.
Gentlemen:

The Common Council of the City of San Diego hereby petitions the Board of Supervisors of San Diego County as follows:

That the County Board of Supervisors immediately improve and put in safe condition for travel the Public Highway leading to the El Capitan dam and reservoir site and especially that part thereof between El Monte Oak Park along the south side of the San Diego River to the El Capitan dam and reservoir.

The City of San Diego contemplates initiating construction work at the dam site by City forces December 23, 1931 in order to give employment to a number of men at the earliest practicable date, pending the letting of a contract for the construction of the El Capitan dam.

The cooperation of the Board of Supervisors will be of material assistance in getting under way the El Capitan dam which will materially assist in relieving the present unemployment situation.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 57743 of the Common Council of the City of San Diego, California, as adopted by said Council December 22, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57761

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That this Common Council hereby endorses the recommendation of H. N. Savage, Hydraulic Engineer, contained in Document No. 273566, to the effect that from and after January 10th, 1932, laborers that work on the El Capitan project, shall be employed in ten day intervals, and relieved at the end of ten days' service by other unemployed laborers; thereby making available employment to a successive number of unemployed.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57761 of the Common Council of the City of San Diego, as adopted by the said Council December 28, 1931.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57771

WHEREAS, The City of San Diego contemplates the construction of a dam at El Capitan and has already proceeded with certain of the work; and

WHEREAS, it is necessary that a safe roadway be made available for the transportation of men and materials to the damsite; and

WHEREAS, the County of San Diego has agreed to aid and assist in the construction of such roadway and has agreed to pay one-half of the cost of a suitable and safe roadway for transportation of men and materials; NOW, THEREFORE,

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That The City of San Diego shall pay one-half of the cost of the construction of a safe and suitable roadway necessary for the transportation of men and materials to the El Capitan damsite, such roadway to be repaired, constructed and improved being situated above the El Monte Park and extending for a reach of about two miles.

BE IT FURTHER RESOLVED, that the City Attorney be directed to prepare an ordinance appropriating the sums necessary out of the El Capitan Dam Bond Fund for the purpose only and exclusively of providing funds for the construction of a safe roadway leading to the El Capitan damsite, so that labor and materials may be transported without being endangered by the risk occasioned by the present unsafe condition of the said reach of roadway.

Presented by _____

Approved
As to Form By _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 57771, as adopted by the Common Council of the city of San Diego on January 4, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57782

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the City Attorney be, and he is hereby authorized and directed to prepare an ordinance appropriating \$5000, or so much thereof as may be necessary to pay one-half of the cost of reconstructing the road from El Monte Ranch to El Capitan Dam site; said appropriation to be out of the El Capitan Dam Bond Fund.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57782 of the Common Council of the City of San Diego, as adopted by the said Council January 4, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57788

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the City Attorney and Hydraulic Engineer be, and they are hereby authorized to communicate with the proper departmental officials in Washington, and ascertain if their presence is desired or demanded prior to the return of Congressmen following the present recess.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57788 of the Common Council of the City of San Diego, as adopted by the said Council January 4, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57789

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Executive Policy outlined by the Hydraulic Engineer in connection with the El Capitan Dam work, as outlined in Document No. 273567, be and the said executive policy is hereby endorsed by the Common Council.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57789 of the Common Council of the City of San Diego, as adopted by the said Council January 4, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57819

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Hydraulic Engineer is hereby authorized and directed to bring in plans and specifications for the El Capitan Dam; and the Purchasing Agent is hereby authorized and directed to proceed to advertise for bids for this work.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57819 of the Common Council of the City of San Diego, as adopted by the said Council January 11, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Reputy

RESOLUTION NO. 57839

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Mayor, the City Attorney and the Hydraulic Engineer be and they are hereby authorized to proceed to Washington, D. C., immediately and return as soon as possible to proceed with the El Capitan project; and to incur the expenses necessary to this trip.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57839 of the Common Council of the City of San Diego, as adopted by the said Council January 13, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57848

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the County Board of Supervisors are hereby requested to make arrangements so that half of the employees on the road to El Capitan Dam Site shall be citizens of the City of San Diego; inasmuch as the City is paying half the cost of this road work.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57848 of the Common Council of the City of San Diego, as adopted by the said Council January 18, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57881

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the City Attorney be, and he is hereby directed to prepare and submit to the Council by Wednesday, January 27th, 1932, a memorandum of agreement in connection with the proposition of the Cuyamaca Water Company for the sale to the City of certain lands at El Capitan Reservoir Site, as set out in a communication from said Company dated January 25th, 1932.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57881 of the Common Council of the City of San Diego, as adopted by the said Council January 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57892

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the City Clerk be, and he is hereby directed to wire Hydraulic Engineer H. N. Savage, now in Washington, D. C., and ask when he plans to be back in San Diego; and to further request that delegation representing the City on matters in Washington report direct to the Council as to progress of matters now occupying their attention.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57892 of the Common Council of the City of San Diego, as adopted by the said Council January 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57920

WHEREAS, it is desirable and necessary for The City of San Diego to acquire certain lands in the vicinity of the proposed El Capitan Dam and Reservoir, which said lands are owned or controlled by the Cuyamaca Water Company, Ed Fletcher and associates, and a portion of which are included within the lands sought to be condemned by the City in that certain condemnation proceeding now pending in the Superior Court of the County of Orange, State of California, between The City of San Diego, as plaintiffs, and Cuyamaca Water Company, Ed Fletcher, et al., as defendants; and

WHEREAS, the said Fletcher on behalf of himself and associates who own or control said lands has offered to sell and convey the same to the City; and

WHEREAS, said lands and certain other rights, together with the terms and conditions of such purchase and sale, are particularly described and set forth in a form of agreement prepared by the City Attorney's Office, a copy of which is hereto attached and made a part of this resolution: NOW, THEREFORE,

BE IT RESOLVED, By the Common Council of The City of San Diego, as follows:

That a majority of the members of the Common Council of said City be, and they are hereby authorized to execute on behalf of the City the form of agreement hereto attached for the purchase of the lands and rights therein described, as soon as the same shall have been properly executed by the various parties referred to therein as the "Sellers".

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 57920, as adopted by the Common Council of the city of San Diego on January 27, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JRE
Deputy

RESOLUTION NO. 57956

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Water Development Bureau be, and it is hereby directed to furnish wood to all applicants who have obtained an order from the Adjutant of the Salvation Army; the wood to be loaded and hauled by the applicant. The Hydraulic Engineer is hereby directed to make certain that no wood is delivered to any individual or firm who intend to sell same. This applies to wood being cut at El Capitan Reservoir site.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57956 of the Common Council of the City of San Diego, as adopted by the said Council February 1, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 57965

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Hydraulic Engineer be and he is hereby authorized to proceed to Sacramento with the revised plans for the El Capitan Dam and take up with the State Engineer any final suggestions concerning the same, and he is hereby authorized to incur such expenses as may be incident to said trip.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 57965 of the Common Council of the City of San Diego, as adopted by the said Council February 8, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

8/15/32
copy /f

436

RESOLUTION NO. 58000

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the City Attorney and Hydraulic Engineer be, and they are hereby authorized and directed to proceed to Washington, D. C., and further advance the acquisition of the lands necessary to be acquired for the reservoir site at El Capitan, as heretofore authorized by resolution of this Common Council; and said City Attorney and Hydraulic Engineer are hereby authorized to incur expenses incident to said trip.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58000 of the Common Council of the City of San Diego, as adopted by the said Council February 15, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58021

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the City Attorney, City Auditor and Hydraulic Engineer be and they are hereby authorized and directed to prepare immediately all necessary papers to effect the transfer from the Acquisition and Investigation Bond Fund the sum of \$40,000.00, to replace the same sum recently appropriated from the Reserve Fund in connection with the purchase of certain lands at the El Capitan site from Ed Fletcher et al.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58021 of the Common Council of the City of San Diego, as adopted by the said Council February 17, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK H. FOOTE, JR.
Deputy

RESOLUTION NO. 58035

WHEREAS, the agreement of settlement, dated November 27, 1931, between The City of San Diego and the La Mesa, Lemon Grove & Spring Valley Irrigation District, provided, among other things, for the assignment to the City by the district of option rights which said district holds upon lands in the amount of 37.6 acres, which lands are within or contiguous to the El Capitan dam and reservoir sites; and

WHEREAS, by that certain agreement dated January 26, 1932, the Cuyamaca Water Company, a corporation, Ed Fletcher and other persons connected or associated with said Ed Fletcher and said water company, have agreed to sell and convey to The City of San Diego certain lands in said agreement described, which said lands include, among others, the 37.6 acres of land hereinabove mentioned, upon which said irrigation district claims to hold an option from said Cuyamaca Water Company, et al.; and

WHEREAS, the validity of said option is in dispute between said water company and said irrigation district, but said irrigation district has by resolution offered to release its option rights and claims upon said 37.6 acres of land, provided The City of San Diego shall not require from the irrigation district an assignment of said option under the terms of the settlement agreement of November 27, 1931, hereinabove referred to; NOW, THEREFORE,

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That the acceptance by the City of the conveyance from the Cuyamaca Water Company, et al. of said 37.6 acres of land shall be treated by the City as a full compliance by said irrigation district with that part of its agreement with the city dated November 27, 1931, and hereinabove referred to, which requires said irrigation district to assign to the City the option or options which it now holds for said 37.6 acres of land.

BE IT FURTHER RESOLVED, that the City Clerk is hereby directed to transmit a certified copy of this resolution to La Mesa, Lemon Grove & Spring Valley Irrigation District.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 58035, as adopted by the Common Council of the city of San Diego on February 23, 1932.

ALLEN H. WRIGHT City Clerk
CLARK M. FOOTE, JR. Deputy

RESOLUTION NO. 58063

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Hydraulic Engineer be, and he is hereby authorized and directed to file not later than February 29th, 1932, plans and specifications for the pipe line in connection with the El Capitan Project; so that bids may be invited on both pipe line and dam at the same time.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58063 of the Common Council of the City of San Diego, as adopted by the said Council February 24, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58064

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That the Superintendent of the Purchasing Department of The City of San Diego be, and he is hereby authorized and directed to advertise for sealed proposals or bids, to be received at the office of the City Clerk of The City of San Diego, California, until ten o'clock A.M., of the 11th day of April, 1932, for the construction of the El Capitan Reservoir Dam, Spillway and Outlet Works, involving about 1,350,000 cubic yards of excavation and hydraulic placing in dam, about 120,000 cubic yards of excavation and placing in rolled embankment, about 840,000 cubic yards of rock excavation and placing in dam, about 61,000 cubic yards of concrete of all classes, about 67,000 barrels of cement, about 2,400,000 pounds of reinforcing steel, about 496,000 pounds of structural steel, about 25,000 cubic feet of grout, furnishing and installing outlet works, etc., all as more particularly and in detail set forth in these certain drawings and specifications contained in Document No. 274415, on file in the office of the City Clerk of said City.

BE IT FURTHER RESOLVED, that pursuant to the provisions of the Charter of The City of San Diego, and of the Public Works Wage Rate Act of the State of California, approved May 25, 1931 (Statutes of 1931, Chapter 397), the Common Council hereby declares that the general prevailing or current rate of per diem wages in The City of San Diego for each craft or type of workman or mechanic needed to execute said work is as follows:

<u>Craft or Type.</u>	<u>Per Diem Wage</u>
Auto Mechanics	\$6.40
Blacksmiths	6.40
Blacksmith Helpers	5.00
Blade Men	5.00
Bricklayers	9.60
Cableway Operators	8.00
Caulkers	5.00
Carpenter Foremen	6.40
Carpenters	6.40
Cement Finishers	6.40
Clerks	5.00
Compressor Operators	6.00
Concrete Finishers	6.40
Concrete Finisher Helpers	5.00
Concrete Foremen	5.00
Concrete Form Builders	6.00
Concrete Spreaders	5.00
Concrete Tampers	5.00
Concrete Mixermen	7.20
Cooks	5.50
Crane Operators	6.00
Derrick Operators	6.00
Dinkey Operators	6.00

<u>Craft or Type</u>	<u>Per Diem Wage</u>
Dragline Operators	\$6.00
Drillers	5.50
Drill Sharpeners	6.00
Electricians	8.00
Electrician Helpers	6.40
Excavation Foremen	5.50
Flunkeys	5.00
General Foremen	7.00
Hodcarriers, Brick,	5.60
Hodcarriers, Plaster	7.20
Hoist Operators	6.00
Laborers, Common,	5.00
Laborers, Skilled,	5.50
Lathers	8.00
Locomotive Engineers	7.50
Locomotive Firemen	6.00
Materialmen	5.00
Mechanics	6.40
Mechanics Helpers	5.00
Mechanic Trouble Shooters	6.00
Mortar Men	5.00
Muckers, Tunnel	5.50
Plumbers	8.00
Pipe Layers	5.00
Plasterers	9.60
Painters	6.40
Powdermen	6.00
Powdermen Helpers	5.00
Pump Men	5.00
Quarry Foremen	7.00
Reinforcing Steel Foremen	7.00
Reinforcing Steel Workers	6.45
Riggers	7.20
Rigger Helpers	6.00
Rigger Foreman	8.00
Road Grader Operators	5.50
Roofers	6.40
Sheet Metal Workers	6.80
Shovel Operators	8.00
Shovel Operators Underground	8.80
Shovel Cranesmen	6.80
Shovel Cranesmen Underground	7.60
Shovel Firemen	5.60
Shovel Watchmen	5.00
Shovel Oilers	5.00
Shovel Pitmen	5.00
Stone Setters	9.60
Stone Cutters	7.20
Stone Derrickmen	7.20
Superintendents	9.00
Teamsters	5.00
Tractor Operators over 50 H. P.	7.20
Tractor Operators under 50 H. P.	6.80

<u>Craft or Type</u>	<u>Per Diem Wage</u>
Timekeepers	\$5.00
Trenching Machine Operators	6.00
Truck Drivers under 15,500 lb.	5.00
Truck Drivers, over 15,500 lb.	5.00
Tunnel Foremen	7.00
Watchmen	5.00
Welders	6.00
Yarners	5.50
Other classes not less than	5.00

For overtime work, when the same is permitted by law, one and one-half times the foregoing rates. For work performed on Sundays and legal holidays, as set forth in Section 10 of the Political Code of the State of California, one and one-half times the above rates.

BE IT FURTHER RESOLVED, that said advertisement for bids shall be published at least ten days in the official newspaper of said City prior to the time specified herein up to which sealed proposals shall be received, and such notice shall also be posted for the same length of time in a conspicuous place on or near the door of the Council Chamber in the City Hall, and also at or near the entrance of the City Hall, in said City; and that said advertisement shall specify the per diem rate of wages as fixed in this resolution.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 58064, as adopted by the Common Council of the city of San Diego on February 24, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58082

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the draft of a proposed amendment to the El Capitan Reservoir Bill contained in the telegram of February 27th, 1932, from the City Attorney to Mr. Cosgrove, as changed by Mr. Cosgrove, and submitted to the Council, is acceptable to The City of San Diego; and that the City Attorney be authorized and directed to consent to said amendment as so changed on behalf of the City.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58082 of the Common Council of the City of San Diego, as adopted by the said Council February 29, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58085

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the expenses incurred by Harold Wood, resident engineer, in water development department, on a special trip to take the plans for El Capitan Dam to Sacramento for signature of approval by the State Engineer, be and they are hereby ratified and authorized to be paid by the city.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58085 of the Common Council of the City of San Diego, as adopted by the said Council February 29, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58101

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Quitclaim Deed of Ed Fletcher and Mary C. B. Fletcher, husband and wife, and Ed Fletcher, the surviving partner of the Guyamaca Water Company, executed on the 3rd day of February, 1932, remisng, releasing and quitclaiming to The City of San Diego, a municipal corporation, all of the right, title and interest of the grantors in and to the Southeast Quarter of the Northeast Quarter of Section 7, Township 15 South, Range 2 East, S. B. B. & M., together with all water, mineral and other rights, of every nature and description whatsoever, appurtenant, incident or attached to each and every and all of said parcels of land, or enjoyed or held in connection therewith; together, also, with any and all rights, reservations, conditions, easements and privileges, including those of hunting, fishing or boating heretofore reserved to or by the said grantors, or any of them, in, and in connection with the conveyances to the La Mesa, Lemon Grove and Spring Valley Irrigation District by said grantors, or any of them, of any or all of the lands located in Sections 7 and 8, Township 15 South, Range 2 East, S. B. B. & M.; be, and the same is hereby accepted on behalf of The City of San Diego; and the City Clerk of said City be, and he is hereby authorized and directed to file the said deed, together with a copy of this resolution, for record in the office of the County Recorder of San Diego County, California.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 58101 of the Common Council of the City of San Diego, California, as adopted by said Council March 3, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58102

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Quitclaim Deed of Cuyamaca Water Company, a corporation, executed on the 3rd day of February, 1932, remisng, releasing and forever quitclaiming unto The City of San Diego, a municipal corporation, all of the right, title and interest of the said Cuyamaca Water Company in and to the Southeast Quarter of the Northeast Quarter of Section 7, Township 15 South, Range 2 East, S. B. B. & M., San Diego County, California, together with all water, mineral and other rights, of every nature and description whatsoever, appurtenant, incident or attached to each and every and all of said parcels of land, or enjoyed or held in connection therewith; together, also, with any and all rights, reservations, conditions, easements and privileges, including those of hunting, fishing or boating heretofore reserved to or by the said Cuyamaca Water Company, in and in connection with the conveyance to the La Mesa, Lemon Grove and Spring Valley Irrigation District by said Cuyamaca Water Company, of any or all of the lands located in Sections 7 and 8, Township 15 South, Range 2 East, S. B. B. & M., County of San Diego, State of California; be, and the same is hereby accepted on behalf of The City of San Diego; and the City Clerk of said City be, and he is hereby authorized and directed to file the said deed, together with a copy of this resolution, for record in the office of the County Recorder of San Diego County, California.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 58102 of the Common Council of the City of San Diego, California, as adopted by said Council March 3, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58103

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the deed of the Cuyamaca Water Company, a corporation, executed on the 3rd day of February, 1932, granting to The City of San Diego, a municipal corporation, all that real property situated in the County of San Diego, State of California, described as follows:

Lot 1 (Northwest Quarter of the Northwest quarter), Northeast Quarter of the Northwest Quarter, Northwest Quarter of the Northeast Quarter and Southwest Quarter of the Northeast quarter, except a 50 foot strip being 25 feet each side of the center line of the Cuyamaca flume through the Southwest Quarter of the Northeast quarter, Section 7, Township 15 South, Range 2 East, S.B.B. & M.; also

All that portion of the Southeast Quarter of the Northeast Quarter of Section 7, except a 50 foot strip being 25 feet each side of the center line of the Cuyamaca flume, and the Southwest quarter of the Northwest quarter, except a 50 foot strip being 25 feet each side of the center line of the Cuyamaca flume, the Southeast quarter of the Northwest Quarter, the South-west Quarter of the Northeast Quarter, the Northwest Quarter of the Southeast Quarter, except the East 1 rod thereof, and Lot 3 (Southwest Quarter of the Southeast Quarter), Section 8, Township 15 South, Range 2 East, S.B.B. & M., lying and being above the 753 foot contour line above sea level U.S.G.S. datum; also

All that portion of the Southeast Quarter of the Northeast Quarter of Section 7, and the South Half of the Northwest Quarter, the Southwest Quarter of the Northeast Quarter, the Northwest Quarter of the Southeast Quarter, except east one rod thereof, and Lot 3 (Southwest Quarter of the Southeast Quarter) of Section 8, Township 15 South, Range 2 East, S.B.B. & M., lying and being between the 710 and the 753 foot contour lines above sea level U.S.G.S. datum,

Together with all water, mineral and other rights, of every nature and description whatsoever, appurtenant, incident or attached to each and every and all of said parcels of land, or enjoyed or held in connection therewith.

Together, also, with any and all rights, reservations, conditions, easements and privileges, including those of hunting, fishing or boating, heretofore reserved to or by the Grantors, or any of them, in, and in connection with the conveyances to the La Mesa, Lemon Grove and Spring Valley Irrigation District by said Grantors, or any of them, of any or all of the lands located in Sections 7 and 8, Township 15 South, Range 2 East, S.B.B. & M.

be, and the same is hereby accepted on behalf of The City of San Diego; and the City Clerk of said City be, and he is hereby authorized and directed to file said deed, together with a copy of this resolution, for record in the office of the County Recorder of San Diego County, California.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 58103 of the Council of the City of San Diego, California, as adopted by said Council March 3, 1932.

ALLEN H. WRIGHT, City Clerk

By CLARK M. FOOTE, JR., Deputy

RESOLUTION NO. 58128

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the City Attorney's Office is hereby instructed to
prepare all papers necessary to place the Sutherland Dam Bond
Funds in position to invest in the El Capitan Dam Bonds.

I HEREBY CERTIFY the above to be a full, true, and correct
copy of Resolution No. 58128 of the Common Council of the City
of San Diego, as adopted by the said Council March 7, 1932.

ALLEN H. WRIGHT
City Clerk

BY CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58210

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That this Council go on record as intending to go ahead with the reception and opening of the bids, already called for, on the El Capitan project, now set for April 11th; and to award the contract for said work as soon as possible, upon the Hydraulic Engineer's report being filed the following week; it being the plan of this Council to permit no delay in connection with the said project.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58210 of the Common Council of the City of San Diego, as adopted by the said Council March 28, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58222

BE IT RESOLVED by the Common Council of the City of San Diego,
as follows:

That the Hon. Phil D. Swing be, and he is hereby congratulated for his energetic presentation of the interests of his constituents in the matter of the application of The City of San Diego to acquire reservoir lands situated within the Capitan Grande Indian Reservation; and that the City Clerk be, and he is hereby authorized to direct a communication to the Hon. Phil D. Swing expressing the City of San Diego's appreciation for the aid and assistance afforded said City in said matter.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58222 of the Common Council of the City of San Diego, as adopted by the said Council March 28, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58238

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Mayor and Hydraulic Engineer of The City of San Diego be, and they are hereby authorized and empowered, for and on behalf of said City, to execute and accept the Special Use Permit granted by the Forest Supervisor, to use lots 5, 6, 11, 12, 13 and 14, and the E 1/2 of SW 1/4, and SE 1/4, of Section 6, also the NW 1/4 of the SE 1/4, Section 7, Township 15 South, Range 2 East, S.B.B. & N., amount to approximately 520.96 acres, for the purpose of obtaining materials (stone, rock, gravel, sand, dirt, etc.) for use in connection with the construction of El Capitan Dam, Reservoir, Pipeline and Road.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58238 of the Common Council of the City of San Diego, as adopted by the said Council April 4, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58253

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That all the fallen and down logs and wood in the El Capitan reservoir basin above the dam and outside of the Indian Reservation lands be and it is hereby offered to any and all citizens of San Diego, including wood dealers, who may care to remove any and/or all of it; with the proviso that one out of five loads of average quality and quantity of the fallen and down trees and logs be delivered to the Salvation Army without compensation to the City of San Diego.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58253 of the Common Council of the City of San Diego, as adopted by the said Council April 4, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58261

WHEREAS, the acquisition by The City of San Diego of a certain parcel of land situated in the County of San Diego, State of California, being the east one half of the southwest quarter of Section 17, Township 15 South, Range 2 east, S. B. B. & M., containing 80 acres, more or less, is desirable and necessary in connection with the construction and maintenance of the projected El Capitan Reservoir; and

WHEREAS, William R. Darling and wife are the owners of said land, and have offered to sell and convey the same to The City of San Diego free and clear of all incumbrances for the total sum of five thousand dollars (\$5000.00), to be paid in cash, provided said offer shall be immediately accepted by the Common Council of said City, NOW, THEREFORE,

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That the offer of William R. Darling and wife to sell and convey to The City of San Diego, free and clear of all incumbrances, the east one half of the southwest quarter of Section 17, Township 15 South, Range 2 east, S. B. B. & M., containing 80 acres, more or less, in the County of San Diego, State of California, for the cash consideration of five thousand dollars (\$5000.00), be, and the same is hereby accepted.

AUDITOR'S CERTIFICATE. I hereby certify that the appropriation made, or indebtedness incurred, by reason of the provisions of the annexed resolution, can be made or incurred without the violation of any of the provisions of the Charter of The City of San Diego, California.

Dated April _____, 1932.

Auditor of The City of San Diego,
California.

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 58261, as adopted by the Common Council of the city of San Diego on April 11, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58291

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the bids of the following contractors upon the El Capitan Dam construction project be and they are hereby rejected, viz:

L.E.Dixon Company and Hall-Johnson Company,
Foley Bros.Inc., and Lawler & Maguire, and
Northern States Contracting Co. and Butler Bros.

and the City Clerk is hereby authorized to return to said bidders the checks put up with their respective bids.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58291 of the Common Council of the City of San Diego, as adopted by the said Council April 18, 1932.

ALLEN H. WRIGHT
City Clerk

CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58292

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the City Auditor and Controller be, and he is hereby authorized to cancel El Capitan Dam Bonds numbered 691 to 771, inclusive, matured January 1st, 1932, totalling eighty-one thousand dollars (\$81,000.00).

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58292 of the Common Council of the City of San Diego, as adopted by the said Council April 18, 1932.

ALLEN H. WRIGHT
City Clerk

BY CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58296

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the bid of H. W. Rohl and T. E. Connolly, as contained in Document No. 275616, on file in the office of the City Clerk of The City of San Diego, for the construction of El Capitan Reservoir Dam, Spillway and Outlet Works, being the lowest bid submitted for said work, be, and the same is hereby accepted; and that the contract for such work be, and the same is hereby awarded to the said H. W. Rohl and T. E. Connolly.

BE IT FURTHER RESOLVED, that a majority of the members of the Common Council of The City of San Diego be, and they are hereby authorized and empowered to enter into a contract with the said H. W. Rohl and T. E. Connolly for the construction of said El Capitan Reservoir Dam, Spillway and Outlet Works, in accordance with said bid and at and for the prices specified therein, and upon the terms, conditions and specifications set forth in said Document No. 275616.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 58296 of the Common Council of the City of San Diego, California, as adopted by said Council April 21, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58302

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the City Clerk be, and he is hereby authorized and directed to return the checks accompanying the bids of the Utah Construction Company and H. W. Rohl and T. E. Connolly on the El Capitan Dam.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58302 of the Common Council of the City of San Diego, as adopted by the said Council April 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58304

WHEREAS, it appears to this Council from a report and recommendation of the Hydraulic Engineer, dated April 21, 1932, on file with the City Clerk of The City of San Diego, that it is desirable and necessary both for The City of San Diego and the contractors in the construction of El Capitan reservoir dam, spillway and outlet works to provide for the immediate widening, improvement and realignment of County Road No. 389 from the vicinity of El Capitan damsite to El Monte Park, at a cost of about \$20,000.00; and that the contractors Rohl and Connolly are willing to bear one-half of the expense of said improvement up to a total construction expense of \$20,000.00; and it further appearing that the City's share of said improvement can be most economically performed by said contractors as extra work under their contract to construct the said dam and reservoir; NOW, THEREFORE,

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That the widening, improvement and realignment of County Road 389 along the south side of the San Diego River, from the vicinity of El Capitan dam to El Monte Park be, and the same is authorized and approved; and that the Hydraulic Engineer be, and he is hereby authorized to require the City's one-half of said work to be performed by H. W. Rohl and T. E. Connolly as extra work, under Paragraph 14 of the specifications of their contract with The City of San Diego for the construction of El Capitan reservoir dam, spillway and outlet works, and to issue the required forms of work orders for the necessary work and materials required therefor.

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 58304, as adopted by the Common Council of the city of San Diego on April 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58305

WHEREAS, it appears to this Council from the recommendation of the Hydraulic Engineer, dated April 21, 1932, on file with the City Clerk of said City, that it is necessary in connection with the construction of El Capitan reservoir dam, spillway and outlet works that provision be made for carrying the highway traffic now passing the dam site to State Highway No. 80 by the construction of a new road along Chocolate Creek for a distance of about three miles, and that the grading of such a road and the furnishing and placing of materials may be accomplished most economically as extra work under the contract of H. W. Rohl and T. E. Connolly for the construction of said El Capitan reservoir dam, spillway and outlet works; NOW, THEREFORE,

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That the immediate construction of a road connecting County Road 389 with State Highway 80, in order to carry the traffic now travelling along the San Diego River and passing El Capitan damsite be, and the same is hereby authorized and approved; and the Hydraulic Engineer be, and he is hereby authorized to require said construction to be performed by H. W. Rohl and T. E. Connolly as extra work, under Paragraph 14 of the Specifications of their contract with The City of San Diego for the construction of El Capitan reservoir dam, spillway and outlet works, and to issue the required forms of work orders for the necessary work and materials required therefor.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 58305, as adopted by the Common Council of the City of San Diego on April 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58314

BE IT RESOLVED by the Common Council of the City of San Diego, as follows:

That the Manager of Operation and H. N. Savage, Engineer in charge of Water Development, be and they are hereby authorized and directed to investigate and report to the Common Council on the advisability of moving the wood from the El Capitan Reservoir Basin to a location lower down the San Diego River, with the idea in view of preserving said wood for future use, rather than resort to the burning of said wood at this time.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58314 of the Common Council of the City of San Diego, as adopted by the said Council April 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58335

BE IT RESOLVED By the Council of The City of San Diego,
as follows:

That that certain option dated April 7th, 1932, given by J. W. Wiley and Frances Wiley, husband and wife, to The City of San Diego, for the purchase of the southwest quarter of the southeast quarter of Section 17, Township 15 South, Range 2 East, S.B.M., containing forty (40) acres more or less, situated in the County of San Diego, State of California, together with a right of way for road purposes forty feet (40') in width across the southeast quarter of the northeast quarter of Section 19, and the northwest quarter of Section 20, Township 15 South, Range 2 East, S.B.B.M., for the sum of \$2000.00, be, and the same is hereby accepted.

BE IT FURTHER RESOLVED, that the Purchasing Agent of said City be, and he is hereby authorized and directed to proceed immediately with the completion of the purchase of said lands for the City; the purchase price thereof to be paid out of the funds heretofore allocated and set aside by Section 5 of Ordinance No. 13514 of the ordinances of The City of San Diego, passed and adopted April 25, 1932.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 58335, as adopted by the Common Council of the city of San Diego on May 9, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58376

BE IT RESOLVED by the Council of the City of San Diego, as follows:

That the Patent of the State of California, dated March 22nd, 1932, granting to THE CITY OF SAN DIEGO, these certain tract of land located within the El Capitan Reservoir Basin, in the County of San Diego, State of California, particularly described as follows:

The northwest quarter of the northwest quarter of Section 16, Township 15 south, Range 2 east, San Bernardino Meridian, subject to rights of way granted to the United States by an act of the Legislature, approved May 18, 1921 (Chapter 173, Statutes of California, 1921), for the uses prescribed in the act of Congress, approved June 17, 1902, relating to irrigation and reclamation; reserving to the State of California one-sixteenth of all coal, oil, gas and other mineral deposits contained in said land, as provided by an act of the Legislature, approved May 25, 1921 (Chapter 303, Statutes of California, 1921), and reserving in the people the absolute right to fish thereupon, as provided by Section 25 of Article I of the Constitution of the State of California;

be, and the same is hereby accepted; and the City Clerk of said City be, and he is hereby authorized and directed to file the said Patent, together with a copy of this resolution, for record in the office of the County Recorder of San Diego County, California.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 58376 of the Council of the City of San Diego, California, as adopted by said Council May 16, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58382

BE IT RESOLVED by the Council of the City of San Diego, as follows:

That Councilmen Bennett and Russo and Mayor Forward be, and they are hereby appointed as a committee to bring in a recommendation as to the disposing of wood in the El Capitan Reservoir site.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58382 of the Council of the City of San Diego, as adopted by the said Council May 16, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58413

BE IT RESOLVED by the Council of the City of San Diego,
as follows:

That the City Manager be, and he is hereby authorized to designate a man to investigate applicants for work on the El Capitan Dam project, and to determine whether such applicants have been residents of The City of San Diego for at least one year next preceding.

That when said investigator has determined that any applicant has been a resident and citizen of San Diego for at least one year next preceding he is hereby authorized to so certify to H. W. Rohl and T. E. Connolly, or their authorized representative.

That when any applicant has been so certified the said contractors are hereby authorized to accept such certification as being in full compliance with that provision of the contract whereby the contractor expressly agrees that no labor other than citizens of The City of San Diego shall be employed on all construction work contemplated by the contract.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 58413 of the Council of the City of San Diego, California, as adopted by said Council May 23, 1932.

ALLEN H. WRIGHT
City Clerk

By AUGUST M. WADSTROM Deputy

RESOLUTION NO. 53445

WHEREAS, by Resolution No. 53261, heretofore duly adopted by the Common Council of The City of San Diego, the offer of William R. Darling and wife to sell and convey to The City of San Diego a certain parcel of land situated in the County of San Diego, State of California, being the east one-half of the southwest quarter of section 17, Township 15 south, Range 2 east, S. B. B. & M., containing 80 acres, more or less, free and clear of all encumbrances, for the total purchase price of \$5,000.00, payable in cash, was accepted by the City, NOW, THEREFORE,

BE IT RESOLVED By the Council of The City of San Diego, as follows:

That the Purchasing Agent of said City be, and he is hereby directed to proceed immediately with the completion of the purchase of said lands for and on behalf of said City; the purchase price thereof to be paid out of the funds heretofore allocated and set aside by Section 5 of Ordinance No. 13514 of the ordinances of The City of San Diego.

BE IT FURTHER RESOLVED, that the Auditor and Comptroller of said City be, and he is hereby authorized, empowered and directed to pay or cause to be paid into escrow the said purchase price out of the funds heretofore allocated and set aside by said Section 5 of said Ordinance No. 13514.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 53445, as adopted by the Council of the city of San Diego on May 31, 1932.

ALLEN H. WRIGHT
City Clerk

By° CLARK M. POOTE, JR.
Deputy

RESOLUTION NO. 58455

BE IT RESOLVED by the Council of the City of San Diego,
as follows:

That the appointment by the City Manager of Rudolph Charles Wueste, a present employee of the City, to represent the City Manager as special investigator of all applications for employment by Rohl-Connolly Company on the El Capitan dam work, in regard to their residence requirements, be and the said appointment is hereby confirmed.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58455 of the Council of the City of San Diego, as adopted by the said Council June 6, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58456

BE IT RESOLVED by the Council of the City of San Diego,
as follows:

That Resolution No. 58413, adopted May 23, 1932, authorizing the appointment of an investigator to certify resident qualifications of applicants for work on the El Capitan project, be and the said Resolution is hereby repealed.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58456 of the Council of the City of San Diego, as adopted by the said Council June 6, 1932

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58457

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

That the City Manager be, and he is hereby authorized to investigate any applicant for any type of work on the El Capitan dam project, or any workman, craftsman or laborer now employed on said work, with respect to his citizenship qualifications under the terms of the contract between The City of San Diego and H. W. Rohl and T. E. Connolly; and said Manager is hereby authorized to issue a certificate to such applicant, or to the contractor, or his duly authorized representatives, that such applicant is properly qualified to perform work on the project under the provisions of said contract.

That when the qualifications of any applicant or worker have been so certified, said contractors are hereby authorized to accept such certification as being in full compliance with that provision of the contract whereby the contractor expressly agrees that no labor other than citizens of the City of San Diego shall be employed on all construction work contemplated by the contract.

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 58457, as adopted by the Council of the city of San Diego on June 6, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58480

BE IT RESOLVED by the Council of the City of San Diego,
as follows:

That the City Manager be, and he is hereby authorized to designate a man to investigate applicants for labor on the El Capitan Dam project, and to determine whether such applicants have been residents of the City of San Diego for at least one year next preceding.

That when said investigator has determined that any applicant has been a resident and citizen of San Diego for at least one year next preceding he is hereby authorized to so certify to H. W. Rohl and T. E. Connolly, or their authorized representative.

That when any applicant has been so certified the said contractors are hereby authorized to accept such certification as being in full compliance with that provision of the contract whereby the contractor expressly agrees that no labor other than citizens of the City of San Diego shall be employed on all construction work contemplated by the contract.

I HEREBY CERTIFY THE above to be a full, true and correct copy of Resolution No. 58480 of the Council of the City of San Diego, California, as adopted by said Council June 13, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58498

BE IT RESOLVED by the Council of the City of San Diego, as follows:

That the City Attorney is hereby authorized and directed to furnish an opinion as to whether the \$1.75 per day, per man, being charged by contractors on the El Capitan project for board is legal under their contract; filing said opinion on or before June 20th, 1932.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58498 of the Council of the City of San Diego, as adopted by the said Council June 15, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58559

WHEREAS, under the terms of the Act of Congress granting to The City of San Diego certain additional lands in the Capitan Grande Indian Reservation, it is necessary to make an election as to the method of payment for said lands, NOW, THEREFORE,

BE IT RESOLVED By the Common Council of The City of San Diego, as follows:

That The City of San Diego elects to pay the sum of thirty-five thousand five hundred sixty-seven and 20/100 dollars (\$35,567.20), which is the sum fixed by the provisions of said act, rather than proceed under the eminent domain laws of the State of California.

Presented by _____

Approved as
to form by _____

I HEREBY CERTIFY that the above and foregoing is a full, true and correct copy of Resolution No. 58559, as adopted by the Council of the city of San Diego on June 27, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58595

BE IT RESOLVED by the Council of the City of San Diego, as follows:

That Mr. Joseph H. Hammill Jr. representing the City and Mr. John M. Martin representing the contractors, Rohl & Connolly, on the El Capitan Dam project, are requested to get together to determine the exact status of the employees on the dam.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58595 of the Council of the City of San Diego, as adopted by the said Council July 8, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.,
Deputy

RESOLUTION No. 58596

BE IT RESOLVED by the Council of the City of San Diego,
as follows:

That the City Attorney and Attorney John M. Martin of
Rohl-Connolly Company, are requested to confer on the El Capitan
contract to see that the provisions of said contract are being
carried out regarding public works act and the provisions of
the City Charter.

I HEREBY CERTIFY the above to be a full, true, and correct
copy of Resolution No. 58596 of the Council of the City of
San Diego, as adopted by the said Council July 8, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58597

BE IT RESOLVED by the Council of the City of San Diego,
as follows:

That there shall be a conference on Tuesday, July 12th, 1932,
at 10:00 A.M., between the Contractors on the El Capitan Dam, the
contractor's Attorney, John M. Martin, Mr. Wells, the Council,
Mayor, H. N. Savage and E. D. Williams, to adjust various ques-
tions regarding the contract on El Capitan Dam.

I HEREBY CERTIFY the above to be a full, true, and correct
copy of Resolution No. 58597 of the Council of the City of San
Diego, as adopted by the said Council July 8, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58610

BE IT RESOLVED By the Council of The City of San Diego
as follows:

That the location of that portion of the El Capitan Reser-
voir pipe conduit, works and headquarters for resident reservoir
forces situate on United States National Forest lands required
and described as follows:

The south half of the northwest quarter and the
northeast quarter of the southeast quarter of Section
7, Township 15 south, Range 2 east, S.B.B. & M.,

be, and it is hereby definitely designated, approved and adopted
at the points and places as shown and represented on official
drawings of the City of San Diego, Bureau of Water Development
Number WD-409, Sheets 1 and 3 of 4, and WD-387; and by accompany-
ing field notes made and compiled under the direction of H. N.
Savage, Engineer in Charge Bureau of Water Development, City
of San Diego, and filed in the office of the City Clerk of
the City of San Diego July 7th, 1932, under Document No.
276976.

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Resolution No. 58610, as adopted by the
Council of the city of San Diego on July 11, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58611

BE IT RESOLVED By the Council of The City of San Diego,
as follows:

That the location of that portion of the El Capitan
Reservoir situate on United States National Forest lands re-
quired and described as follows:

The east half of the southwest quarter of
the southeast quarter, and the south half of
the northeast quarter of the southeast quarter
of Section 5, Township 15 south, Range 2 east,
S. B. B. & M.,

be, and it is hereby definitely designated, approved and
adopted at the points and places as shown and represented on
official drawings of The City of San Diego Bureau of Water
Development Number WD-409, Sheets 1 and 4 of 4; and by accom-
panying field notes made and compiled under the direction of
H. N. Savage, Engineer in Charge Bureau of Water Development,
City of San Diego, and filed in the office of the City Clerk
of the City of San Diego July 7th, 1932, under Document
No. 276976.

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Resolution No. 58611, as adopted by
the Council of the City of San Diego on July 11, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOE, JR.
Deputy

RESOLUTION NO. 58612

BE IT RESOLVED, By the Council of The City of San Diego,
as follows:

That the location of that portion of the El Capitan
Reservoir and El Capitan Dam Site situate on United States
National Forest lands required and described as follows:

The northeast quarter of the northeast quarter
of Section 7, and the northwest quarter of the
northwest quarter of Section 8, both in Township
15 south, Range 2 east, S.B.E. & M., excepting
right of way for reservoir flowage lands to
reservoir contour 160 previously granted;

be, and it is hereby definitely designated, approved and
adopted at the points and places as shown and represented on
official drawings of The City of San Diego, Bureau of Water
Development, Number WD-409, Sheets 1 and 2 of 4, and by ac-
companying field notes made and compiled under the direction
of H. N. Savage, Engineer in Charge Bureau of Water Develop-
ment, City of San Diego, and filed in the office of the City
Clerk of the City of San Diego July 7th, 1932, under Document
No. 276976.

Presented by _____

Approved
As to form by _____

I HEREBY CERTIFY that the above and foregoing is a full,
true and correct copy of Resolution No. 58612, as adopted by the
Council of the city of San Diego on July 11, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58631

BE IT RESOLVED by the Council of the City of San Diego, as follows:

That the City Attorney be, and he is hereby instructed to prepare and submit forthwith an ordinance creating the position of Special Investigator for the Council upon the El Capitan project, defining his duties and fixing his compensation at \$160 per month and \$35 auto allowance for the position; said compensation being payable from such funds as the auditor will certify.

I HEREBY CERTIFY the above to be a full, true, and correct copy of Resolution No. 58631 of the Council of the City of San Diego, as adopted by the said Council July 12, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58632

BE IT RESOLVED by the Council of the City of San Diego,
as follows:

That Joseph H. Hammill Jr., as investigator for the Council,
be authorized to certify the employees on the job at El Capitan
and to give written report to the Council and to the Contractors
weekly.

I HEREBY CERTIFY the above to be a full, true, and correct
copy of Resolution No. 58632 of the Council of the City of
San Diego, as adopted by the said Council July 12, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58689

BE IT RESOLVED by the Council of the City of San Diego, as follows:

That the deed of James William Wiley and Frances Wiley, husband and wife, executed on the 11th day of July, 1932, granting and conveying to The City of San Diego the southwest quarter of the southeast quarter of Section Seventeen, Township fifteen South, Range Two east, San Bernardino Meridian, in the County of San Diego, State of California, according to United States Government Survey approved September 11th, 1879, be, and the same is hereby accepted.

And the City Clerk of said City be, and he is hereby authorized and directed to file the said deed, together with a copy of this resolution, for record in the office of the County Recorder of San Diego County, California.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 58689 of the Common Council of the City of San Diego, California, as adopted by said Council July 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58690

BE IT RESOLVED by the Council of the City of San Diego, as follows:

That the deed from James William Wiley and Frances Wiley, husband and wife, executed on the 11th day of July, 1932, granting to The City of San Diego an easement and right of way for road purposes, forty (40) feet in width, across and through the southeast quarter of the northeast quarter of Section 19, and the northwest quarter of Section 20, all in Township 15 South, Range 2 East, San Bernardino Meridian, in the County of San Diego, State of California, as particularly described in said deed, be, and the same is hereby accepted.

And the City Clerk of said City be, and he is hereby authorized and directed to file the said deed, together with a copy of this resolution, for record in the office of the County Recorder of San Diego County, California.

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 58690 of the Common Council of the City of San Diego, California, as adopted by said Council July 25, 1932.

ALLEN H. WRIGHT
City Clerk

By CLARK M. FOOTE, JR.
Deputy

RESOLUTION NO. 58739

A RESOLUTION AUTHORIZING THE CITY TREASURER OF THE CITY OF SAN DIEGO TO INVEST ON BEHALF OF THE CITY OF SAN DIEGO, SURPLUS MONEYS IN THE TREASURY FOR THE PURCHASE OF EL CAPITAN DAM BONDS IN THE AMOUNT OF \$99,000.00.

WHEREAS, it appears to the Council of The City of San Diego that there is now in the City Treasury of said City to the credit of Sutherland Dam Bond Fund surplus moneys not required for the purposes for which the Sutherland Dam Bonds were authorized, in an amount to exceed ninety-nine thousand dollars (\$99,000.00); and

WHEREAS, it further appears to said Council that said City now has in its possession certain unsold El Capitan Dam Bonds of The City of San Diego, drawing interest at the rate of five per cent (5%), in the amount of \$2,570,000.00; and

WHEREAS, it is deemed wise and expedient by this Council to invest a portion of said surplus moneys in the City Treasury in some of said El Capitan Dam Bonds, in order that the City may obtain the interest on said bonds; and

WHEREAS, it further appears to said Council that said bonds have heretofore been duly and regularly advertised for sale, and no bids of more than par and accrued interest have been received; and

WHEREAS, under the laws of the State of California said bonds must be sold for at least par and accrued interest; and

WHEREAS, there is a present need for a portion of the moneys for which said unsold El Capitan Dam Bonds were voted;
NOW, THEREFORE,

BE IT RESOLVED By the Council of The City of San Diego as follows:

That J. T. Millan, City Treasurer, be, and he is hereby authorized and directed to invest, on behalf of The City of San Diego, surplus moneys in the City Treasury to the credit of the Sutherland Dam Bond Fund, not required immediately for the purposes for which the Sutherland Dam Bonds were authorized, in the following designated El Capitan Dam Bonds of The City of San Diego, in the amount of ninety-nine thousand dollars (\$99,000.00), face value thereof: