

May 24, 1928.

Minutes of the One Hundred and Twenty-second Meeting of the State Highway Commission held in the State Office Building, with the following Members present:

R. S. Sterling, Chairman,  
W. R. Ely, Member,  
Gibb Gilchrist, State Highway Engineer.

575. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of concrete pavement in the City of Navasota on Highway No. 6, S.A.P. 738-C, in Grimes County, be awarded, according to the recommendation of the State Highway Engineer, to Roy Tanner Paving Company, Tulsa, Okla., for \$16,188.44; same being the lowest and best bid. Motion carried.
576. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of concrete pavement from 4 miles south of Navasota to the Navasota River on Highway No. 6, F.A.P. 471-C, in Grimes County, be awarded, according to the recommendation of the State Highway Engineer, to J. P. Foty & F. W. Gaylord, Wichita Falls, Texas, for \$125,541.82; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion Carried.
577. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of concrete pavement from Fort Bend County line northwest through Wallis on Highway No. 36, F.A.P. 433-A, in Austin County, be awarded, according to the recommendation of the State Highway Engineer, to Ben Flynn, Blackwell, Okla., for \$191,564.44; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
578. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of concrete pavement from Waxahachie to Forrester on Highway No. 6, F.A.P. 487-E, in Ellis County, be awarded, according to the recommendation of the State Highway Engineer, to Gibson & Gibson, Pauls Valley Okla., for \$186,486.62; same being the lowest and best bid and said award is concurred in by Mr. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
579. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of concrete girder bridge consisting of 14.31 ft. girders on concrete bents over the Double Mountain Fork of the Brasos River on Highway No. 7, S. A.P. 755, in Garza County, be awarded, according to the recommendation of the State Highway Engineer, to Austin Bridge Company, Dallas, Texas, for \$23,944.03; same being the lowest and best bid. Motion carried.
580. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of a creosoted timber bridge and earth approaches over the Washita River on Highway No. 4, S.A.P. 301, in Hemphill County, be awarded according to the recommendation of the State Highway Engineer, to Austin Bridge Company, Dallas, Texas, for \$17,755.62; and that an additional allotment of \$5,000.00 is made to supplement the original allotment of May 10, 1928. Motion carried.
581. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of small drainage structures, rock asphalt surface treatment from Sayers to Wilson County line on Highway No. 81, S.A.P. 783, in Bexar County, be awarded according to the recommendation of the State Highway Engineer, to Colglazier & Hoff, San Antonio, Texas, for \$40,280.22 same being the lowest and best bid. Motion carried.

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582. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of grading, drainage structures and concrete pavement, from Marr St. in El Paso to Womble Road on Highway No. 130, S.A.P. 776-A in El Paso County, be awarded, according to the recommendation of the State Highway Engineer, to El Paso Bitulithic Company, El Paso, Texas, for \$25,306.34; same being the lowest and best bid. Motion carried.
583. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of grading and small drainage structures from Wharton County line to Ganado on Highway No. 12- F.A.P. No. 518-J, in Jackson County, be awarded according to the recommendation of the State Highway Engineer, to Walsh, Burney & Moore, San Antonio, Texas, for \$13,681.27; and the contract for the large drainage structures on the same project be awarded to Sullivan & Davis, Granger, Texas, for \$46,837.72; same being the lowest and best bids and said awards are concurred in by Judge John T. Vance, County Judge of Jackson County, and Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
584. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of grading and drainage structures from 6 miles north of Canyon to Amarillo on Highway No. 9, F.A.P. 62C, in Randall County, be awarded, according to the recommendation of the State Highway Engineer to R. B. Stroupe, Chillicothe, Texas, for \$13,234.16; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
585. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of grading and drainage structures from Sherman to Denison on Highway No. 6, F.A.P. 539-C, in Grayson County, be awarded, according to the recommendation of the State Highway Engineer, to R. B. Stroupe, Chillicothe, Texas, for \$45,630.25; same being the lowest and best bid, and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
586. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of grading and drainage structures from Collin County line to Howe, on Highway No. 6, F.A.P. 539-A, in Grayson County, be awarded according to the recommendation of the State Highway Engineer, to Culverhouse, Jones & Shilling, Itasca, Texas, for \$18,335.21; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
587. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of caliche base and bituminous macadam surface from Roscoe to Mitchell County line on Highway No. 7, F.A.P. 498, in Nolan County, be awarded, according to the recommendation of the State Highway Engineer, to Cocke & Turner, Marshall, Texas, for \$120,346.27; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
588. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of gravel and crusher run base and bituminous macadam surface course, in the City of Stamford on Highway No. 18, S.A.P. 785, in Jones County, be awarded, according to the Recommendation of the State Highway Engineer, to Dexter Construction Company, Dallas, Texas, for \$7,211.60; same being the lowest and best bid and said award is concurred in by Mr. J. W. Puckett, County Engineer of Jones County. Motion carried.
589. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of grading and drainage structures from Uvalde City limits to Zavalla County line on Highway No. 55, S.A.P. 671, in Uvalde County, be awarded according to the recommendation of the State Highway Engineer, to H. P. Zachery, Laredo, Texas, for \$26,829.42; same being the lowest and best bid. Motion carried.

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590. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of gravel and crusher run broken stone base and bituminous macadam surface from Shackelford County line to Stamford on Highway No. 18, F.A.P. 477-C, in Jones County, be awarded, according to the recommendation of the State Highway Engineer, to Dexter Construction Co., Dallas, Texas, for \$220,830.69; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads, and Mr. J. W. Puckett, County Engineer of Jones County. Motion carried.
591. Motion by Judge Ely, seconded by Mr. Sterling, that the contract for construction of grading and small drainage structures from Seguin to one-half mile east of Kingsbury on Highway No. 3-A, S.A.P. 787-A, in Guadalupe County, be awarded according to the recommendation of the State Highway Engineer, to H. B. Zachery, Laredo, Texas, for \$36,040.40; and the contract for the large drainage structures is awarded to Paul Schriewer, Seguin, Texas, for \$29,900.75; same being the lowest and best bids. Motion carried.
592. Motion by Judge Ely, seconded by Mr. Sterling, that the State Highway Engineer be authorized to advertise for bids for the construction of Unit II of Highway No. 19, from the south city limits of the City of Palestine to the end of F.A.P. 403-C, approximately 10.222 miles, on condition that first and last, Anderson County shall contribute not less than one-third of the total cost of such construction and furnish not less than 100 ft. right-of-way. Motion carried.
593. Motion by Judge Ely, seconded by Mr. Sterling, that the application of Winkler and Ward Counties for the designation of a State Highway, from a point on the Bankhead Highway (No. 1) in Ward County, to Kermit, in Winkler County, be referred to the State Highway Engineer for an immediate investigation and report covering location and type of highway to be constructed; and the State Highway Engineer is authorized to make the location and advertise for bids for the construction of said Highway, on condition that Winkler and Ward Counties furnish fifty per cent of the cost of such construction and not less than 100 ft. right-of-way; with the understanding that the State Highway Engineer take into consideration, in making the location in Ward County, the ability of the towns affected to furnish their part of the cost of the construction of said Highway. Motion carried.
594. Motion by Judge Ely, seconded by Mr. Sterling, that the application of Hardeman County for the purchase of bridge over the Red River on Highway No. 51, be referred to the State Highway Engineer for further negotiation with Hardeman County and Jackson County, Okla., and the owner of the bridge, with a view, if a proper understanding cannot be arrived at with the owner of the bridge, then that the State Highway Engineer be authorized to advertise for bids for the construction of a bridge; providing it will not cost over \$35,000.00; with the understanding that Jackson County, Oklahoma, will pay one-half and the State of Texas and Hardeman County one-half of such construction. Motion carried.

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## Members present:

R. S. Sterling, Chairman,  
 W. R. Ely, Member  
 Conb Johnson, Member  
 Gibb Gilchrist, State Highway Engineer.

595. Motion by Judge Ely, seconded by Mr. Johnson, that the State Highway Engineer be authorized to advertise for bids for the construction of Unit II on Highway No. 1-A, in Shackelford County from a point eight miles west of Albany to the Jones County line; on condition that Shackelford County furnish not less than 80 ft. right-of-way, and that, first and last, Shackelford County will contribute one-third of the cost. Motion carried.
596. Motion by Mr. Johnson, seconded by Judge Ely, that the State Highway Engineer be authorized to advertise for bids for the construction of grading and drainage structures on Highway No. 131, from Brackettville to Spofford, in Kinney County, with the understanding that Kinney County will contribute the entire cost and be credited in the construction of Unit II on basis of two-thirds State and Federal Aid; and on the further condition that Kinney County furnish not less than 100 ft. right-of-way. Motion carried.
597. Motion by Mr. Johnson, seconded by Judge Ely, that a survey of about 17 miles of Highway No. 80, in Caldwell County, from Luling to San Marcos in Hays County, be made to ascertain the location and probable cost of improvement, on basis of 50% aid, for the information and guidance of the County and Precinct; and on Highway No. 3-A, from Luling to the Gonzales County line. Motion carried.
598. Motion by Judge Ely, seconded by Mr. Johnson, that, without any commitment on the part of the Commission as to whether or not the designation will be made, the State Highway Engineer be authorized to make a survey from Marfa to Fort Davis for the proper location of a highway, approximately 22 miles; and the State Highway Engineer shall furnish Jeff Davis and Presidio Counties the probable cost and requirements as to grading and drainage structures for proper highway. Motion carried.
599. Motion by Mr. Johnson, seconded by Judge Ely, that the Highway Engineer be authorized to make plans and specifications with estimate of cost of hard surfacing approximately 7.5 miles of Highway No. 108-A, in Falls County, and recommend to the Commission the type of road which, with the \$100,000.00 to be contributed by Falls County, the Highway Commission ought to authorize to be constructed; the total cost thereof to be approximately on a fifty-fifty per cent basis. Motion carried.
600. Motion by Judge Ely, seconded by Mr. Sterling, that \$3,295.00 be appropriated for relocating approximately two miles of State Highway #49 between Johnstown and the Sulphur River, in Red River County, to eliminate two railroad grade crossings, the improvement to consist of the necessary grading and drainage structures. This appropriation is made contingent upon the county's furnishing at least a 100' right-of-way on the proper location. Motion carried.
601. Motion by Judge Ely, seconded by Mr. Sterling, that in accordance with action taken at the January meeting an 80 ft. right-of-way having been secured on State Highway No. 40, from Lewisville, in Denton County, south to the Dallas County line, that the State Highway Engineer proceed to prepare plans and award contract for the grading and drainage structures on this section, the expense of Unit 1 to be borne by this Department; also that the State Highway Engineer, under authority granted April 2, 1928, make this survey from Lewisville north to intersect the present improved road from Denton and to furnish Denton County a map showing the right-of-way that should be secured. Motion carried.

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602. Motion by Judge Ely, seconded by Mr. Sterling, that action taken on Feb. 22, 1928, be amended to read as follows: That the State Highway Department will, first and last, contribute 66 and  $\frac{2}{3}$  per cent of the total cost of Units I and II of State Highway No. 24, between Seymour and the Archer County line, provided Baylor County advances the entire cost of Unit I; and on the further condition that Baylor County provide not less than one-third of the cost of the construction of a durable type on Highway No. 30, from the town of Seymour to the Archer County line, and in addition furnish a 100 ft. right-of-way and the preliminary engineering expense, and that the bond order for the construction of Highway No. 30, be submitted to the State Highway Engineer before the election is called. Motion carried.
603. Motion by Judge Ely, seconded by Mr. Sterling, that the minute of the Highway Commission of January 17, 1928, relative to an allotment of two-thirds aid on Highway No. 5, in Hardeman County be amended in this: That the allotment of two-thirds aid on Highway No. 5 heretofore made be confirmed with the understanding that any amount left over from the bond issue of said County be applied to the improvement of Highway No. 51. Motion carried.
604. Motion by Judge Ely, seconded by Mr. Johnson, that an allotment of \$15,000.00 be made for a special bridge maintenance project in Dallam County across Rita Blanca Creek on State Highway No. 5, to cover cost of bridge and earth approaches. Motion carried.
605. Motion by Mr. Sterling, seconded by Judge Ely, that the State Highway Engineer appoint a Resident Engineer for Motley County and that surveys be made and plans completed on Highway No. 18, south of Matador to the Dickens County line, and on Highway No. 28 across Motley County; the cost of plans and engineering to be charged against Motley County, but to be paid by this Department. Motion carried.
606. Motion by Judge Ely, seconded by Mr. Sterling, that State Highway No. 134 be designated from Lubbock, in Lubbock County, by way of Levelland, in Hockley County, to the New Mexico line, on condition that a 100 ft. right-of-way be provided on a location approved by the State Highway Engineer; and the further condition that this highway will not be taken over for maintenance except from Lubbock to Levelland at this time, with the remainder of the route to be taken over as conditions may justify but no portion to be accepted until it is on the proper location with the proper width of right-of-way and proper grade and drainage to be approved by the State Highway Engineer. Motion carried.
607. Motion by Judge Ely, seconded by Mr. Sterling, that \$4,000.00 be appropriated for general maintenance for the balance of this fiscal year on State Highway No. 118, from Marfa to Presidio, in Presidio County. Motion carried.
608. Motion by Judge Ely, seconded by Mr. Sterling, that the State Highway Engineer be instructed to inform the Commissioners' Court of Runnels County that if Runnels County will provide a net sum of money not less than \$635,000.00 to be used for paying for right-of-way and the County's  $\frac{1}{3}$  of the cost of construction of the two State Highways, Nos. 23 and 30, across Runnels County, that the State Highway Department will, as funds become available, complete this system. This action is taken on condition that Runnels County will furnish the above amount of money, plus interest on same, without restriction as to location of State Highways or as to type. Motion carried.
609. Motion by Judge Ely, seconded by Mr. Sterling, that a 100 % appropriation, approximately \$16,250.00 be made to cover cost of a concrete pavement and bituminous surface on bridges on 6.5 miles of Highway No. 1-A, through the corner of Callahan County. Motion carried.

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610. Motion by Judge Ely, seconded by Mr. Sterling, that the action of the Commission on February 20, 1928, in regard to removing <sup>Dips</sup> from State Highway No. 9, in Mason County, be and is hereby rescinded and that a definite appropriation of \$22,913.45 be made for removing said dips on condition that Mason County furnishes on the location approved by the State Highway Engineer not less than 80 ft. right-of-way between Mason and the Gillespie County line. Motion carried.
611. Motion by Judge Ely, seconded by Mr. Sterling, that a 100% appropriation approximately \$15,000.00 be made to cover most of a concrete pavement on .58 miles of Highway No. 1-A, through the corner of Jones County. Motion carried.
612. Motion by Judge Ely, seconded by Mr. Sterling, that Shackelford County be allotted aid to the extent of \$64,866.67 to provide for a penetration macadam surface on Highway No. 18, from the Jones County line to intersect Highway No. 1-A, this sum to be in addition to previous allotment providing for surface using oil-mixed method. The above allotment to be made on condition that Shackelford County place additional funds in escrow to provide for one-third of the total cost of the proposed improvement. Motion carried.
613. Motion by Judge Ely, seconded by Mr. Sterling, that two-thirds State and Federal Aid be appropriated to cover the cost of Unit I and II of State Highway No. 7, from Mexia west along a route to be approved by the State Highway Engineer, crossing over the T. & B. V. Railroad at a point approximately 4000 feet west of the present grade crossing, thence to a point at or near where the present road turns to the right in the direction of Tehuacana; this all being on condition that Limestone County will furnish at this time to the State Highway Department a right-of-way not less than 80 ft. in width along the route to be approved by the State Highway Engineer along the most practical line from the underpass heretofore mentioned and the point where present State Highway No. 7 crosses Elm Creek and the line of Road District No. 4; it being understood that the State Highway Department reserves the right at any time the condition may justify to abandon as a State Highway that portion leading through Tehuacana and construct along the right-of-way which will be furnished by Limestone County.
614. Motion by Judge Ely, seconded by Mr. Sterling, that an appropriation of \$4,000.00 be made for repairs and painting of the Sabine River Bridge near Logansport on Highway No. 35, in Shelby County, same being 50% of the cost of these repairs. Motion carried.
615. Motion by Mr. Sterling, seconded by Judge Ely, that the Chairman make application to the Secretary of War for permission to reconstruct bridge across Trinity River, on State Highway No. 3, in Liberty County. Motion carried.
616. Motion by Mr. Sterling, seconded by Mr. Johnson, that the Minutes of the State Highway Commission, dated May 23, 1927, allotting one-third State Aid and one-third Federal Aid for the grading and drainage structures on Highway No. 3, in Fort Bend County, from Rosenberg to the Bernard River be cancelled and that sufficient State and Federal Funds be appropriated for the construction of grading, drainage structures and surfacing on this highway, provided that the County will contribute \$125,000.00 toward this improvement. Motion carried.
617. Motion by Judge Ely, seconded by Mr. Sterling, that 50% Federal Aid \$25,000.00 County Aid from Harris County; \$7,500.00 County Aid from Montgomery County, and State Aid sufficient to complete the project, be allotted for the construction of the Spring Creek Bridge on State Highway No. 19, at the Harris-Montgomery County line, the estimated cost of which is \$80,537.09. Motion carried.

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618. Motion by Judge Ely, seconded by Mr. Sterling, that the action of the Commission on June 20, 1927, granting \$500.00 per mile State Aid to State Highway No. 72 between Cuero and the Karnes County line in DeWitt County be cancelled; a new allotment having been made to this section of road at the last meeting. Motion carried.
619. Motion by Judge Ely, seconded by Mr. Sterling, that the action of the Commission on January 17, 1928, granting aid to Austin County for constructing a bridge across Mill Creek on State Highway No. 73-A, be amended so as to apply to the construction of this bridge on State Highway #36, instead of #73-A. Motion carried.
620. Motion by Mr. Sterling, seconded by Judge Ely, that the sum of \$26,873.50 be appropriated to cover the cost of grading, structures and right-of-way on State Highway No. 2 opposite Buda, Texas, in Hays County the route to be constructed along the new location of said State Highway No. 2, cutting out two dangerous railroad grade crossings at Buda. Motion carried.
621. Motion by Judge Ely, seconded by Mr. Sterling, that \$5,000.00 be appropriated to cover the cost of completing S.A.P. 734, Highway No. 102 in Lee County, the work to be done by State forces and charged against the cost of S.A.P. 734. Motion carried.
622. Motion by Judge Ely, seconded by Mr. Sterling, that the State Highway Engineer is authorized and directed to make such reconnaissance and surveys of the State Highways in Bell County as will enable him to advise the Bell County Officials, under the policy of this Department, just what funds Bell County should furnish as their portion of durable construction and that the sum of \$1,000.00 is hereby appropriated to cover the cost of making such estimates and surveys. Motion carried.
623. Motion by Mr. Sterling, seconded by Judge Ely, that the sum of \$24,000.00 be appropriated to pay the cost of replacing 22 dips on Highway No. 9 in Gillespie County with concrete box culverts, on condition that Gillespie County furnish not less than an 80 ft. right-of-way on State Highway No. 9; the State Highway Engineer is directed to prepare plans and advertise such work for construction. Motion carried.
624. Motion by Mr. Johnson, seconded by Judge Ely, that the contract for the construction of a bridge, approaches and underpass at New Braunfels, on Highway No. 46, in Comal County, be awarded to the low bidder, in accordance with the recommendation of the State Highway Engineer; that is to say, to the low bidder relatively on the different types of bridge, on condition that Comal County will contribute the necessary funds over and above the estimated cost of said bridge; said County to select the type of bridge it desires to be built, and will put the necessary funds in escrow; the said award to take effect upon Comal County putting said funds in escrow; provided that Comal County shall act promptly without unnecessary delay. Motion carried.
625. Motion by Mr. Sterling, seconded by Judge Ely, that the State Highway Engineer be authorized and directed to proceed with the preparation of plans, the advertising for bids and the construction of approximately 1.06 miles of State Highway No. 2, in Travis County, beginning on the north bank of Williamson Creek, about 5 miles south of the State Capitol, and extending south, estimated to cost \$40,836.00; also the section beginning approximately 11.5 miles south of the Capitol at Austin and extending south a distance of 3.567 miles to a point about one-half mile north of the Travis-Hays County line, estimated to cost \$190,800.00; both of these sections and estimates being for Unit 1 only but including several large structures; this authority conditioned on Travis County furnishing \$44,000.00 and co-operating in other ways in securing right-of-way for this improvement. Motion carried.

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626. Motion by Judge Ely, seconded by Mr. Johnson, that 50% Aid be allotted to Guadalupe County for the improvement of  $10\frac{1}{2}$  miles of Highway No. 3-A, in Guadalupe County from Seguin to a point east of Kingsbury, with the understanding that, first and last, the State Highway Department will furnish aid to the extent of two-thirds of the total cost of the completed road; conditioned that Guadalupe County will furnish right-of-way not less than 80' wide, and the State Highway Engineer is hereby authorized to advertise for bids on said project.
- 626.1 Motion by Judge Ely, seconded by Mr. Sterling, that 50% State Aid be allotted to Guadalupe County for the construction of Unit 1 on 8.219 miles of Highway No. 123, from Seguin north to a point at or near the town of Geronimo, with the understanding that, first and last, the State Highway Department will pay two-thirds of the total cost of the completed Highway, and that the County will furnish right-of-way not less than 80 ft wide. Motion carried.
627. Motion by Judge Ely, seconded by Mr. Sterling, that the State Highway Engineer be instructed to prepare plans and specifications on State Highway No. 30, in Edwards County and that the sum of \$3,000.00 be appropriated for this purpose. Motion carried.
628. Motion by Judge Ely, seconded by Mr. Sterling, that the sum of \$210,000.00 from the State Highway Fund be appropriated to cover improvement with grading and structures and to eliminate railroad grade crossings on approximately 12 miles of State Highway No. 3, in Val Verde County, beginning approximately 6 miles west of the Pecos River and extending west to a point about three miles west of Langtry; conditioned that Val Verde County put in escrow the sum of \$31,561.51 as County Aid on this project; and the State Highway Engineer is authorized to prepare plans and specifications and advertise for bids. Motion carried.
629. Motion by Mr. Sterling, seconded by Judge Ely, that the amount of \$8,000.00 be appropriated from the State Highway Fund to cover the cost of making preliminary surveys and plans on State Highway No. 3, from San Antonio, in Bexar County, to Del Rio, in Val Verde County; this work to include the gap in Medina County, bridges over Frio and Nueces Rivers, and over the county line creek between Kinney County and Val Verde County. Motion carried.
630. Motion by Judge Ely, seconded by Mr. Sterling, that the action of the Commission of April 25, 1928, in regard to the type of road on State Highway No. 12-A, in Webb County, be amended to read as follows: "That the State Highway Engineer shall carefully consider the types of road for the project under contemplation, in Webb County, and shall select the most economical type within the money which has been appropriated. Motion carried.
631. Motion by Mr. Sterling, seconded by Judge Ely, that the State Highway Engineer be directed to inform the Commissioners' Court of San Patricio County, that if said Court will secure the right-of-way <sup>Highway 16</sup> which is required by this Department, through the City of Portland and to the Nueces County line, that this Department will construct of suitable type the gap in State Highway beginning in the town of Portland and extending to the Bay Bridge at the Nueces County line. Any monies remaining in the County's fund after paying for this right-of-way may be used as they desire in building lateral roads or in paving as an alternate route the present travelled road through Portland. Motion carried.
632. Motion by Judge Ely, seconded by Mr. Sterling that authorization #42 making a total of \$2,500.00 be transferred to authorization No. 41, making a total of \$4,000.00 and that this amount be increased to \$9,822.45 to provide for the relocation of approximately 1.4 miles of State Highway No. 6, south of Calvert, in Robertson County in order to eliminate two grade crossings with the H. & T. C. Railroad. Motion carried.

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633. Motion by Judge Ely, seconded by Mr. Sterling, that the sum of \$70,000.00 be appropriated to cover the cost of approximately one mile of construction, beginning about one-half mile from the Brazos-Grimes County line <sup>Highway</sup> and extending across the Navasota River on the East side of the H. & T. C. Railway with a temporary connection with the present slab on the west side of the H. & T. C. Railroad, conditioned that Grimes and Brazos Counties furnish a total of \$20,000.00 as their portion of this improvement; and that the State Highway Engineer be authorized to prepare plans and take bids on this improvement. Motion carried.
634. Motion by Judge Ely, seconded by Mr. Sterling, that \$3,500.00 be appropriated for the preparation of plans on 17 miles of State Highway No. 32 from Fairfield, in Freestone County, to the Leon County line. Motion carried.
635. Motion by Judge Ely, seconded by Mr. Sterling, that the order passed by the Commission on March 19, 1928, covering surveys to be made of certain Highways, Page 271 of the Minute Book, be amended to include 12-B, 39, 13, 22, 28, 29, 34, 35, 37, 57, 2-B, 33, 58, 68, 71 and 73. Motion carried.
636. Motion by Judge Ely, seconded by Mr. Sterling, that \$5,000.00 be appropriated for special tests and supplementary research work on concrete pavement to be made in Taylor County; all equipment purchased for these tests to revert to the Material and Test Division. Motion carried.
637. Motion by Judge Ely, seconded by Mr. Sterling, that \$2,500.00 be appropriated for the Materials and Tests Division to replace this amount used by the Maintenance Department from Appropriation A-113. Motion carried.
638. Motion by Judge Ely, seconded by Mr. Sterling, that \$6,000.00 be appropriated for maintaining Highway No. 9, from a point north of the Santa Fe Tracks to Lubbock, in Lubbock County, on the new location. Motion Carried.
639. Motion by Judge Ely, seconded by Mr. Johnson, that the contract for construction of Bituminous Macadam Surface Course from 6 miles west of Seymour to the Knox County line on Highway No. 24, F.A.P. 455-A, in Baylor County, be awarded, according to the recommendation of the State Highway Engineer, to H. K. McCollum, Fort Worth, Texas, for \$61,905.14; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
640. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-1-G consisting of 268,280 square yards of one course asphalt surface treatment on 25.5 miles of Highway No. 1, from 1.4 miles west of the Morris-Titus County line northeast through Omaha in Morris County, Naples, in Cass County, to Sims in Bowie County, be awarded according to the recommendation of the State Highway Engineer, to Dexter Construction Company Dallas, Texas, for \$44,802.76; same being the lowest and best bid. Motion carried.
641. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-1-H, consisting of 202,963 square yards of one course asphalt surface treatment on 19.22 miles of Highway No. 5, from 2.22 miles east of Malta, in Bowie County west 3.22 miles and from 11 miles east of Clarksville west 16 miles through Clarksville in Red River County, be awarded according to the recommendation of the State Highway Engineer, to Dexter Construction Company, Dallas, Texas, for \$34,503.71; same being the lowest and best bid. Motion carried.

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642. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-1-I, consisting of 116,160 square yards of one course asphalt surface treatment on 11 miles of Highway No. 47, in Cass County, from Atlanta southeast to the Texas-Louisiana State line, be awarded, according to the recommendation of the State Highway Engineer, to Haden & Austin, Houston Texas, for \$21,373.44; same being the lowest and best bid. Motion carried.
643. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-1-J, consisting of 99,264 square yards of one course asphalt surface treatment on 9.4 miles of Highway No. 1, from the Hopkins-Franklin County line east 9.4 miles through Mt. Vernon, in Franklin County, be awarded, according to the recommendation of the State Highway Engineer, to Dexter Construction Company, Dallas, Texas, for \$16,378.56; same being the lowest and best bid. Motion carried.
644. Motion by Judge Ely, seconded by Mr. Johnson, that the contract for M-1-L, consisting of 80,256 square yards of one course asphalt surface treatment on 7.6 miles, Highway No. 39, from 4 miles north of Paris, in Lamar County, north 7.6 miles, be awarded, according to the recommendation of the State Highway Engineer, to J. E. Ward Company, Dallas, Texas, for \$13,731.80; same being the lowest and best bid. Motion carried.
645. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-2-I consisting of 213,085 square yards of one course asphalt surface treatment on 22.7 miles of Highway No. 78, being 13.9 miles in three sections from the Dallas-Collin County line north to Farmersville, in Collin Co., and 8.9 miles from the Grayson-Collin County line south, be awarded, according to the recommendation of the State Highway Engineer, to J. E. Ward Company, Dallas, Texas, for \$36,365.39; same being the lowest and best bid. Motion carried.
646. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-2-L consisting of 41,184 square yards of one course asphalt surface treatment on 3.9 miles of Highway No. 34, from Midlothian, in Ellis County, east to the end of the present asphalt surfacing, be awarded, according to the recommendation of the State Highway Engineer, to J. E. Ward Company, Dallas, Texas, for \$6,560.61; same being the lowest and best bid. Motion carried.
647. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-2-M consisting of 92,086 square yards of one course asphalt surface treatment on 9.81 miles of Highway No. 1-A, from the Junction of Highway No. 1 and 1-A west to the Stephens-Palo Pinto County line, this being a seal coat on top of the present asphalt surface through Palo Pinto County, be awarded according to the recommendation of the State Highway Engineer, to L. W. Felphrey & Company, Breckenridge, Texas, for \$19,338.06; same being the lowest and best bid. Motion carried.
648. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-2-N consisting of 67,586 square yards of one course asphalt surface treatment on 7.2 miles of Highway No. 2, from Alvord, in Wise County, northwest to the Montague-Wise County line, be awarded, according to the recommendation of the State Highway Engineer, to McClung Construction Company, Fort Worth Texas, for \$10,462.31; same being the lowest and best bid. Motion carried.
649. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-3-F consisting of 58,512 square yards of one course asphalt surface treatment on 2.7 miles of Highway No. 40, from Gainesville south to the end of the present asphalt surfacing, in Cook County, be awarded according to the recommendation of the State Highway Engineer, to J. E. Ward Company, Dallas, Texas, for \$5,254.76; same being the lowest and best bid. Motion carried.

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650. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-3-C, consisting of 189,340 square yards of one course asphalt surface treatment on 9.84 miles of Highway No. 2, from the Wise-Montague County line northwest to the underpass at Bowie, in Montague County, and on 8.09 miles of Highway No. 50, from the overpass west of Bowie northwest to the Clay-Montague County line, be awarded, according to the recommendation of the State Highway Engineer, to J. E. Ward Company, Dallas, Texas, for \$27,946.58; same being the lowest and best bid. Motion carried.
651. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-10-H, consisting of 105,600 square yards of one course asphalt surface treatment on 10 miles of Highway No. 26-A, from the Junction of Highway No. 26-A and 43 south to Beckville, in Panola County, be awarded, according to the recommendation of the State Highway Engineer, to Haden & Austin, Houston, Texas, for \$19,430.40; same being the lowest and best bid. Motion carried.
652. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-10-I, consisting of 158,400 square yards of one course asphalt surface treatment on 9 miles of Highway No. 26, from Henderson, in Rusk County, south and 6 miles of Highway No. 43 from Henderson southeast, be awarded according to the recommendation of the State Highway Engineer, to Haden & Austin, Houston, Texas, for \$29,145.60; same being the lowest and best bid. Motion carried.
653. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-10-J, consisting of 58,080 square yards of one course asphalt surface treatment on 5.5 miles of Highway No. 65 from 7 miles north of Gilmer, in Upshur County, north to the Camp-Upshur County line, be awarded, according to the recommendation of the State Highway Engineer, to Haden and Austin, Houston, Texas, for \$11,035.20; same being the lowest and best bid. Motion carried.
654. Motion by Judge Ely, seconded by Mr. Johnson, that contract for M-10-L, consisting of 105,600 square yards of one course asphalt surface treatment on 5 miles of Highway No. 11, from five miles east of Winnsboro in Wood County, east to the Camp-Wood County line, and 5 miles of Highway No. 15, from Mineola east, be awarded, according to the recommendation of the State Highway Engineer, to Haden & Austin, Houston, Texas, for \$18,902.40; same being the lowest and best bid. Motion carried.
655. Motion by Mr. Johnson, seconded by Judge Ely, that contract for the construction of 5-101 ft. x 20 ft. through steel trusses with 6-40 ft. x 20 ft. concrete girder approaches; the abutments, piers and bents to be of reinforced concrete, on Highway No. 55, S.A.P. 750, in Zavalla County, be awarded, according to the recommendation of the State Highway Engineer to Walsh, Burney & Moore, San Antonio, Texas, for \$77,081.28; same being the lowest and best bid. Motion carried.
656. Motion by Mr. Johnson, seconded by Judge Ely, that contract for the construction of 47-17' panels of timber pile trestle over Sulphur River, on Highway No. 1, in Bowie and Cass Counties, be awarded, according to the recommendation of the State Highway Engineer, to Austin Bridge Co., Dallas, Texas, for \$20,239.26; same being the lowest and best bid. Motion carried.
657. Motion by Mr. Johnson, seconded by Judge Ely, that contract for the construction of concrete pavement from Jackson County line to 3 miles west of Wharton on Highway No. 12, F.A.P. 518-A & B, in Wharton County, be awarded, according to the recommendation of the State Highway Engineer, to Russ-Mitchell, Houston, Texas, for \$510,354.39; same being the lowest and best bid and said award is concurred in by Judge John Norris, County Judge of Wharton County, and Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.

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658. Motion by Mr. Johnson, seconded by Judge Ely, that contract for the construction of concrete pavement from Masey Street, in Estelline southeast to the Childress County line on Highway No. 5, F.A.P. 438-H, in Hall County, be awarded, according to the recommendation of the State Highway Engineer, to J. P. Foty, Wichita Falls, Texas, for \$56,168.60; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
659. Motion by Mr. Johnson, seconded by Judge Ely, that contract for the construction of grading, drainage structures and concrete pavement from San Angelo to Runnels County line on Highway No. 30, F.A.P. 229, in Tom Green County, be awarded, according to the recommendation of the State Highway Engineer, to Davis H. Ryan, San Diego, Calif., for \$340,013.21; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads, and Mr. T. J. Kelly, County Engineer, of Tom Green County. Motion carried.
660. Motion by Judge Ely, seconded by Mr. Johnson, that the contract for construction of grading and drainage structures from Sabine River to the Louisiana State line, on Highway No. 64, S.A.P. 773-B & C, in Panola Co., be awarded, according to the recommendation of the State Highway Engineer, to J. S. Moore & Son, Lufkin, Texas, for \$81,391.93; same being the lowest and best bid. Motion carried.
661. Motion by Mr. Johnson, seconded by Judge Ely, that contract for the construction of 16.760 miles of concrete pavement from Sulphur Springs to the Franklin County line on Highway No. 1, F.A.P. 431-C & D, in Hopkins County, be awarded, according to the recommendation of the State Highway Engineer, to Jagoe Construction Company, Dallas, Texas, for \$397,642.00; same being the lowest and best bid and said award is concurred in by the County Engineer of Hopkins County and Mr. P. H. Everett, Highway Engineer Federal Bureau of Public Roads. Motion carried.
662. Motion by Mr. Johnson, seconded by Judge Ely, that the contract for construction of grading and small drainage structures from Liberty County line to the Harris County line on Highway No. 35, in Montgomery County, F.A.P. 514-A, be awarded, according to the recommendation of the State Highway Engineer, to Charles Epps, San Augustine, Texas, for \$75,239.54; and the contract for the timber pile trestles is awarded to Brown-Abbott Company, Dallas, Texas, for \$82,048.75; same being the lowest and best bids. (This project was recommended for approval by the Austin Office and the District Engineer on May 23, 1928. As it is not on the preferred program as agreed to by the State Highway Department and Mr. McDonald, the award of contract to Charles Epps. is concurred in subject to the final approval of the project by the Chief of Bureau) ( See letter of May 25, 1928, from Mr. Everett, Highway Engineer, Federal Bureau of Public Roads, in general files.) Motion carried.
663. Motion by Mr. Johnson, seconded by Judge Ely, that the contract for construction of grading and structures and gravel surfacing connecting Highway No. 85, with city limits of Eagle Pass on Highway No. 85, S.A.P. 779, in Maverick County, be awarded, according to the recommendation of the State Highway Engineer, to Walsh, Burney and Moore, San Antonio, Texas, for \$7,711.39; same being the lowest and best bid. Motion carried.
664. Motion by Mr. Johnson, seconded by Judge Ely, that the contract for construction of 127 foot steel span and concrete approaches on Highway No. 19, between Harris and Montgomery Counties, be awarded, according to the recommendation of the State Highway Engineer, to Sullivan & Davis, Granger, Texas, for \$60,416.47; same being the lowest and best bid and said award is concurred in by Judge Norman Adkinson, County Judge, of Harris County and Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.

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- 665 Motion by Mr. Johnson, seconded by Judge Ely, that the contract for construction of grading and gravel surfacing from Hearne 1.6 miles west on Highway No. 43, S.A.P. 766, in Robertson County, be awarded, according to the recommendation of the State Highway Engineer, to Austin Bridge Company, Dallas, Texas, for \$37,791.92; same being the lowest and best bid. Motion carried.
- 666. Motion by Mr. Johnson, seconded by Judge Ely, that the contract for construction of 12-17 ft. timber panel and earth approaches on Highway No. 5, Job M-4-C, in Dallam County, be awarded, according to the recommendation of the State Highway Engineer, to Austin Bridge Company, Dallas, Texas, for \$10,473.12; same being the lowest and best bid. Motion carried.
- 667 Motion by Mr. Johnson, seconded by Judge Ely, that the contract for construction of grading and drainage structures from Abilene to 4 miles east of Tuscola on Highway No. 30, in Taylor County, be awarded, according to the recommendation of the State Highway Engineer, to E. F. Bucy & Son and E. T. Child, Rising Star, Texas, for \$52,224.12; same being the lowest and best bid and said award is concurred in by Mr. P. H. Everett, Highway Engineer, Federal Bureau of Public Roads. Motion carried.
- 668 Motion by Judge Ely, seconded by Mr. Johnson, that State Highway No. 14 from the Dallas County line shall pass through Ellis County on the east side of the H. & T. C. Railway and shall continue in Navarro County through Corsicana to Richland on the east side of said railway, passing through the city of Corsicana on the most practical route; from Richland, State Highway No. 14 shall cross the H. & T. C. Railway, joining the construction work now going on in Limestone County; from Richland, Highway No. 32 shall go on the most practical route to Streetman, thence on the most practical route to be determined by the State Highway Engineer to the town of Fairfield. Motion carried.
- 668½ Motion by Judge Ely, seconded by Mr. Sterling, that Highway No. 83 be extended from Lamesa, in Dawson County, through Seminole in Gaines County, to the New Mexico State line. Motion carried.

APPROVED:

STATE HIGHWAY ENGINEER

CHAIRMAN

MEMBER

MEMBER

SECRETARY