March 28, 1933
Minates of the One Hundred Sixty-Third Meeting of the State Highway Comission, held in the State Office Building with the following members present:

| W. R. Ely, | Chairman |
| :--- | :--- |
| D. K. Martin, | Member |
| Gibb Gilchrist, | State Highway Engineer |

It is ordered by the Commission that each of the following contract having been examined by the Commission, and it boing found that it complies with the order of award by the Comission, is hereby approved in accordance with Section 12, Chapter 186, General Laws of Texas as passed by the 125 Legislature, 39th, Regular Session.

| COUNTY | PROJECT NO | LENGTH | UNIT | DATE OF ATARD | NAME OF CONTRACTOR | $\begin{aligned} & \text { AMOUNT OF } \\ & \text { CONTRACT } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bomie | F 101 | 8.095 | IfII | 2-10-33 | T. I. James \& Co. | \$159,842.12 |
| Cooke | F 549-D | 5.337 | II | 2-10-33 | Standard Paving Co. | 102,231. 12 |
| Cooke | F 549-C | 5.370 | II | 2-10-33 | Standard Paving Co. | 108,760. 79 |
| Cooke | S 1027-3 | 5.025 | I | 3-10-33 | Ben Sira \& Co. | 34,754.60 |
| Dallas | F 24 | 1.972 | I | 2-10-33 | John W. Abbott Constco | - 22,411.46 |
| Dallas | F 39 | 4.450 | I | 2-10-33 | Gifford-Hill \& Co | 17,435.19 |
| Dallas | F 39 | 2.272 | I | 2-10-33 | Gifford-Hill \& Co | 74,156.82 |
| Dallas | F 39 | 2.082 | I | 2-10-33 | John W. Abbott Const Co | Co. 34,539.12 |
| Dellas | F 39 | Bridges | I | 2-10-33 | T. H. Johnson | 83,093. 68 |
| Dallas | S 62-Reop | Bridges | I | 2-10-33 | T. H. Johnson | 6,015.77 |
| Fannin | F 63-A | 6.411 | II | 2-10-33 | Froemming Brothers | 124,624.63 |
| Fennin | F 63-B | 5.568 | II | 2-10-33 | Froemming Brothers | 121,424.00 |
| Ft. Bend | F 637-A | 4.990 | I | 2-10-33 | Ben Sira \& Co. | 31,874.p4 |
| Ft. Bend | F 637-A | 4.871 | $I$ | 2-10-33 | Brown \& Root | 76,594.80 |
| Ft. Bend | F 637-A | 5.129 | I | 2-10-33 | Brown \& Root | 28,055.64 |
| Ft. Bend | F 637-A | Bridges | I | 2-10-33 | Edwin Artman | 17,344.04 |
| Garza | F 502-D | 16.103 | I | 2-10-33 | Field Bros. \& McCelvey | y 27,036. ${ }^{\text {23 }}$ |
| Gillespie | F 631-E | 4.980 | I | 2-10-33 | H. B. Zachry | 32,950.69 |
| Gillespie | F 631-m | 4.760 | I | 2-10-33 | G. F. Davis | 22,726. 77 |
| Gillespie | F 631-T | Bridges | I | 2-10-33 | G. F. Davis | 28,893.46 |
| Gillespie | F 631-E | Bridges | I | 2-10-33 | Lone Star Const. Co. | 36,728.45 |
| Jasper | F 30-A | 3.827 | 1 | 2-10-33 | J. S. Moore \& Sons | 26,209. ${ }^{\text {8 }}$ |
| Jasper | F 30-A | 4.839 | 1 | 2-10-33 | E. G. Powell | 27,122.10 |
| Jasper | F 30-A | 4.685 | I | 2-10-33 | Brown \& Root | 40,021.38 |
| Jasper | F-30-A | Bridges | I | 2-10-33 | Jensen Const. Co. | 26,415. 6 |
| Lubbock | F 502-B | 3.119 | I | 2-10-33 | Field Bros. \& McCelvey | y 4,801.184 |
| Travis | F 8- B | 5.474 | 1 | 2-10-35 | Cage Brothers | 43,744.94 |
| Travis | F 9-3 | 2.799 | I | 2-10-33 | Cage Brothers | 29,671.49 |
| Wise | F 14-A | 5.494 | 1 | 2-10-33 | McCall Engineering Co. | . 26,696.26 |
| Wise | F 14-B | 4.730 | I | 2-10-33 | Gifford-Hill \& Co. | 38,666. ${ }^{7} 7$ |
| Wise | F 14-B | 5.648 | I | 2-10-33 | Oren Speer | 31,204.中5 |
| Wise | F 14-B | Bridges | I | 2-10-33 | Earl Yates \& Son | 33,018.73 |
| Bowie | F 313 |  |  | 2-24-33 | E. E. Board and Son | 8,320.18 |
| Comal | F 66 | Bridge | I | 2-24-33 | J. E. Morgan \& Son | 8,464.85 |
| Guedalupe | F 633-B | 13.216 | II | 2-24-33 | H. B. Zachry | 289,959.99 |
| Guadalupe | F 633-C | . 280 | II | 2-24-33 | H. B. Zachry | 7,111.12 |
| Guadalupe | S 985-A | . 048 | II | 2-24-33 | H. B. Zachry | 1,298.07 |
| Tarrant | F 300-1 |  | I | 2-24-33 | Ernest Loyd | 31,273.13 |

The following agreenents supplemental to contracts previously approzed and ontered into, having been examined and the terms and conditions found satisfactory, and it appearing that an additionel appropriation of funds will not be required, are hereby approved:

Carson County, S.P. 713-B, Cocke \& Braden, Contractors, providing that caliche for maintenance use be furnished and stored along the road; estimated cost of additional work $\$ 159.00$.

Cherokee County, S.F. 251-E, Gifford-Hill \& Co., Contractore, prom viding for use of 3.366 pound of rail reinforcing steel in place of new billet steel; estimated decrease in cost \$170.49.

Dallas County, S.P. 230, Gifford-Hill \& Co., Contractorg, providing for decreased quantity of overhaul; estimated decrease in cost \$2,654.63.

Haskell County, S.P. 959-C, L. E. Whitham \& Co., Contractors, providing for elimination of pavement center stripe; esti mated decrease in cost $\$ 308.72$.

Henderson County, FAF 556-G, L. H. Lacy Co., Contractors, providing for change in spacing of dumny joints; estinated decrease in cost $\$ 90.00$.

Henderson County, FAP 556-T, I. H. Lacy Co., Contractors, providing for change in spacing of dumy joints; estimated decrease in cost $\$ 106.50$.

McLennan County, FAP 139-B, Froemming Bros, Contractors, providing for sprinkling of subgrade treatment; estimated cost of additional work \$1,725.00.

Panola County, FAP 481-C, E. G. Powell, Contractor, providing for change in method of payment for rock baffle walls with no change in estimated cost.

Randall County, FAP 60-A, Ernest Loyd, Contractor, providing that caliche for maintenence use be furnished and stored along road; estimated cost of additional work $\$ 158.50$.

Randall County, FAP 546-G, Ernest Loyd, Contractor, providing that caliche for maintenance use befurnished and stored along road; estimated cost of additional work $\$ 263.94$.

Tyler County, S.P. 890-C, R. B. Smith, Contractor, providing for substitution of iron ore topsoil base course for crusher run broken stone base course; estimated decrease in cost $\$ 1,426.76$.

Son Patricio County, S.F. 926-D, R. W. Briggs \& Co., Contractors, providing for construction of 105 ft . gap to make connection between old route and alternate route through Mathis; estimated cost of additional work $\$ 335.75$.

Reeves County, FAP 408 m , Hannah \& Hall, Contractors, providing for added item of backfill embankment; estimated cost of additional work $\$ 675.00$.

Randall County, $\operatorname{FAP}$ 174-A, Cocke \& Braden, Contractors, providing for reduction in quantity of sprinkling and water haul; estimated decrease in cost \$1,015.73.

Dellas County, S.P. 62-D, J. P. Foty, Contractor, providing for change in size of pipe culvert from 24 inch to 56 inch; estimated increase in cost $\$ 51.25$ 。

Bexar County, FAP 633-A, R. W. Briggs \& Co., Contractors providing for construction of grading and concrete pavement on section between stations 151 and 175 , this being the Southern Pacific crossing; estimated cost of additional work \$12,309.76.

Brown County, FAP 584-A, E. F. Bucy \& Sons \& C. T. Childs, Contractops providing for construction of second course water bound macadam base and triple bituminous surfacing as a supplement to TAP 584-B, estimated cost of additional worls \$1,335.18.

Jeff Devis County, S.P. $516-\mathrm{D}, \mathrm{T} . \mathrm{H} . J o h n s o n$, Contractor providing for construction of seven concrete box culverts; estimated cost of additional work $\$ 4,452.31$.

Tarrant County, S.P. 241-Reop., West Texas Const. Co., Contractors, providing for placing of concrete pipe and headwall at Santa Fe Railroad; estinated cost of additional work $\$ 522.40$.

Caldwell \& Guddalupe Counties, FAP 79-Reop., Austin Bridge Co., Contractors, providing for extra concrete foundation piling in pier No. 2; estimated cost of additional work $\$ 7,920.00$.

It is oriered by the Comassion that each of the following projects, having boen satisfactorily completed in accordance with the plans,

Continued:
specifications and approved changes, is hereby accepted as recommended in the report of the Engineer; and that all monies due on each final estimate be paid the respective contractor.

| County | Project | Contractor | Date completed |
| :---: | :---: | :---: | :---: |
| Anderson | F403-B | I. A. Murdoch Const. Co. | 1-21-33 |
| Bowie-Morris | S922-1 | Ed Pettus | 8-2-52 |
| Brazoria | S889-E | C. T. Ingram | 2-4-33 |
| Brewster | S524-E Reop. | Hamnah \& Hall Const. Co. | 1-4-33 |
| Brewster | S862-C | Allhands \& Davis | 2-18-33 |
| Calhoun | S807-D | W. A. McClendon | 12-28-32 |
| Carson | S713-B | Cocke \& Braden | $1-27-33$ |
| Coke | S439-E | D. F. Jones Const. Co. | 1-27-33 |
| Concho | F616-C | Dozier Const. Co. | 2-2-33 |
| Concho | F616-C | Bucy \& Childs | 2-2-33 |
| Crockett | F619-E Br. | Dozier Const. Co. | 1-14-33 |
| Crockett-Pecos | F619-7 | M. H. Ryland | 2-1-33 |
| E1 Paso | S617-C | Lee Moor Cont'g. Co. | 2-15-33 |
| Erath | S158-Reop. | Ernest Loya | 2-20-33 |
| Falls | S53-A | Thomas \& Ratliff | 3-6-33 |
| Fannin | F63-Reop. | Purvis \& Bertrani | 1-24-33 |
| Freestone | S912-A | T. L. James \& Co. | 1-16m3 |
| Gonzales | F522-C | W. W. Vann \& Co. | 1-14-33 |
| Guadalupe | F633-C | Thonas \& Ratiliff | 12-1-32 |
| Haskell | S959-C | L. E. Whitham | 3-7-33 |
| Hermphill | F45-A | Warren Lott | 2-14-33 |
| Henderson | S817-B | McClung Const. Co. | 11-25-32 |
| Karnes | S789-0 | Thomas \& Ratliff | 2-25-33 |
| Kendall | F631-C | J. F. Foty | 1-28-35 |
| Kerr | F631-D | J. P. Foty | 1-28-33 |
| Kerr | S920-17 | D. H. Buchanan Const. Co. | 1-28-33 |
| Lubbock | S716mb | Fradieston Const. Co. | 1-26-38 |
| Lubbock | F443-H | Panhendle Corst. Co. | 3-4-33 |
| Lubbock | S583-H | Panhandle Const. Co. | 3-4-33 |
| McLennan | F323-Reop. | Word \& Worrell | 1-17-33 |
| McLennan | F323-Br. | Word \& Worrell | 1-16-33 |
| McLennan | F265-B | J. E. Johnson | 1-25-33 |
| McLennen | F323-D | Word \& Worrell | 1-28-33 |
| Parker | S859-F | J. Lee \& E. A. Vilbig | 2-22-33 |
| Pecos | F618-C | W. W. Vann \& Co. | 1-23-33 |
| Pecos | S687- | F. P. McElwrath | 12-27-32 |
| Pecos | F618-6 | Morgan Const. Co. | 3-10-33 |
| Pecos | F618-A | Morgan Const. Co. | 3-10-33 |
| Pecos | S687- | Morgan Const. Co. | 3-10-33 |
| Pecos | F618-C | Lone Ster Const. Co. | 3-8-33 |
| Presiaio | S970-D | Thurber Const. Co. | 1-27-33 |
| Randall | F546-G | Ernest Loyd | 1-6-33 |
| Randell | F60-A Reop. | Ernest Loyd | 1-6.33 |
| Befueic | S840-D | Hertford Accident Ind. Cc. | 1-5-33 |
| Swisher | S848-F' | Ernest Loyd | 1-6.33 |
| Tarrant | S977-A | Genersi Const. Co. | 2-21-23 |
| Tom Green | S141-C | Jas. T. Taylor | 2-1-33 |
| Ty] er | S890-D | R. B. Smith | 3-15-33 |
| Van Zandt | F629-A | Union Pavine Co. | 2-6-33 |
| Van Zandt | F629-7 | Union Paving Co. | 2-6-33 |
| Wheeler | F4E-B | Stuckey Const. Co. | 1-25-33 |
| Theeler | S914-A | Oran Speer | 1-30-33 |
| Wood | SIOO2-E | J. L. Markham | 3-6-33 |
| In McLernan, Bell and Bosgue Counties it is ordered by the Com- |  |  |  |
|  |  |  |  |
| Mille and that right-of-way maps be furnishod to the respective Counties. |  |  |  |
| This action is | teken on reque | t of Bell and McLennan Count | es that such |

survey be made and that they will secure the right-of-wey with the understanding that it will very likely be some time before the Comrission will have funds to bpend on actual construction. Before survey is started con firmation of the counties' request should be o tained from said counties.

In Panola County application for designation of a State Highway from Carthege to Mount Enterprise, in Rusk County, was roferred to the State Hichway Ingineer for investigation and report.

In Fugk County application for designation of a stata highway from Henderson north to Gregg County line, via Crim's Chapel wes referred to the State Highway Engineer for investigation and report.

In Funt County, it is ordered by the Cominsion that at the next regular letting bids be received for the pavement on Highway No. 24 west of Greenville.

It is ordered by the Commission that $\$ 7,500.00$ be transferred from the Retainage Fund of the Regular Maintenance Budget to an Authorization to cover the cost of Gradine sections of Highray No. 151 in Menard County, from Menard to the Mason County line, a distance of 20 miles; thit work to be done under the direction of the State Highmay Engineer through the Maintenance Department as Job No. M-7-T-3.

It is ordered by the Comnission that the Bureau of Public Roads be requested to include State Highway No. 16 between Brady and Santa Anna in the Federal Aid Hishway System.

March 30, 1933
It is ordered by the Comission that $\$ 1,266.00$ be transferred from the Retainage Fund of the Regular Maintenance Budget to an authorization to cover the cost of repairs to the Papalote Creek Bridge on Hichway No. 16 in Bee County; this work to be done under the direction of the State Highway Encineer through the Maintenance Department as Sepcial Job No. $\mathrm{M}-16 \mathrm{~B} / \mathrm{M}-3$.

It is ondered by the Comission that the State Fighway Engineer be authorized to enter into negotiations with the Missouri Kansas Texas Rail road Company for the construction of underpass for State Highway No. 3-A near San Antonio, in Bexar County, and upon completion of negotiations to enter into a contract with this Company for the construction of the proposed underpass.

It is ordered by the Commission that an appropriation of $\$ 25,500.00$ be made to cover the cost of the proposed under-pass for Highway No. 3-A under the Missouri Kansas Texas Railroad near San Antonio, in Bexar County, Federal Aid Project 633-F. This appropriation is made with the understanding that the contract for the construction of this underpass contain a provision whereby on September 1st, 1933, the Railroad Company will pay to the State $\$ 9,000.00$ as their share of the cost of the construction of thi underpass.
A. F. 포.-33-59

In Brazoria County an initial appropriation of $\$ 1,608.00$ State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 36 between Texas Street in Brazoria City and Jones Creek, a distance of 10.72 miles for Foalway Maintenance for the balance of the fiscal year onding August 31,1933 and the State Highway Eneineer is inotructed to take this section of road over for maintenance inasmuch as all conditions imoosed in this designation have been complied with. This appropriation being made for General Maintenance Budget.
A. F. $E_{2}-33-60$

In Caldwell County an initial appropriation of $\$ 1,485.00$ State Fund is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highwoy No. 142 from Lockhart to intersection with Highway No. 80 at Martindale, a distance of 9.9 miles for roadway maintenance for the balance of the fiscal year ending August 31, 1933, and the State Highway Engineer is instructed to take this section of road over for maintenance inasmuch as all condition imposed in this desienation have been complied with. This appropriation being made for General Maintenance Budget.
A.F.E. $-33-61$

In Calhoun County an initial appropriation of $\$ 811.50$ Stet e Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 57 from Green Lake to intersection with Highway \#29, a distance of 10.82 miles for roadway maintenance for the balance of the fiscal year ending August 31, 1933, and the State Fighway Engineer is instructed to take this section of road over for maintenance inasmuch as all conditions imposed in the desienation have been complied with. This appropriation being made for General linint enance Budget. A. F.E. $-33-62$

In Castro, Lamb and Hockley Counties it is ordered that a location survey be made and right-of-way information prepared on Highway No. 143 recently destgnated by Minute No. 7290 from Dimnitt to Leveliand. This action is taken without obligation on the part of the Comission to undertake immediate construction.

At the time for the construction of Highway No. 61 from Anahuac to the Liberty County line the irrigation ditch at Hankaner, which at that time was not in use, wes filled up in the construction of the road without this Department securing Easements or Deed of the land. The irrigation district now desires to use this Canal in the irrigation of the rice fields in that territory. It is, therefore, ordered by the commission that an appropriation in the amount of $\$ 1,042.36$ be made to cove the cost of constructing a creosoted timber bridge over this Canal at Hankamer on Highway No. 61 in Chambers County; this worik to be done undef the direction of the State Highway Engineer through the Maintenance Depaftment.

This appropriation is mede with the understanding that the total maintenance and special job expenditures as alloted for Division No. 20 will not be increased for the period ending August 31st, 1933. Special Job No. M-20-R.
A. F.E. $\mathbf{E}_{2}$ 33-63

It is ordered by the Commission that $\$ 8,000,00$ be transferred from the Retainage Fund of the Regular Maintenance Budget to an Authorization to cover the cost of a Cal iche Base on F.A.P. No. 232 Highway No. 81, in Comanche County, extending from De Leon to Frush Creelc, a distance of 7.8 miles; this work to be done under the direction of the State Highway Engineer through the Maintenance Department as Special Job No. M-2-J-3.

Trinity Fami Gravel Compeny, contractors, for the construction of F.A.P. 626 A \& B , Highway \#9, Concho County, having suomitted a claim for additional compensation on this project, and the officials of the contracting company having been unableto agree with the engineers of the Highway Department on an adjustment of this claim, Mr. R. A. Thompson was mutually agreed upon by the Highway Commission and the contractors a arbitrator in the matter of this claim; Mr. Thompson having investigated the matters covered by the claim and having submitted his recommendation it is ordered by the Commission that payment be made on this claim in accordance with the recommendation of the arbitrator, upon completion of the project.

Standard Paving Company, contractor for the construction of concret pavement on F.A.P. "E" 549-D-II, Contracts 1 and 2, Highway No. 5, Cooka County, heving applied for a waiver of my claim by the State for saving in freight on concrete aggregates to be used in the construction of that project due to a temporary special freight rate, and it appearing that such reduced rate will not result in a saving to the contractor over his cost of hauling by truck, it is ordered by the Comraission that any claim of the State for deduction on account of the reduced rate be waived. construction of F.A.P. 558-F-I, Highway No. I, Culberson County, as additional compensation above the contract prices for Solid. Rock Roadway Excavation; and also $\$ 1,544.94$ on the item of Overhaul. This edditional compensation is recommended by Resident Engineer A. J. Adcock and Disirfict Resident Engineer J. G. Lott on account of the fact that changes in plans made after the contract was awarded changed the nature of the work done under these two items of the contract so as to entitle the contractors to the additional compensation recommended. The contractors signed a supolemental agreement agreeing to accept contract pripes on the overruns on these two items, but state that this supplemental agreement was signed in order to expedite nayment of their final estimatp, and they did not understand that it would prevent them from filing a claim for additional compensation. This payment is being made on the merits of the claim only.
A. Fe E. $-33-64$

An appropriation in the amount of $\$ 400.00$ is hereby made to cover the cost of Meintenance on one half of the Red River Bridge on Highway No. 78 north of Bonham, in Fannin County during the balance of the fiscel year; this work to be done under the direction of the State Highway Engineer through the Maintenance Department. A, F.E. $-33-65$

It is ordered by the Commission that State Highway No. 78 as approved on March 19th, 1930; be extended from Bonhom north to the Red River and that the description of this Highway be as follows:

From the Rod River north of Bonhan via Bonham, Leonard, Blue Ridge, Fannin, Wrlie to Garlend.

It is ordered by the Comission that the following amounts now in escrow in the First National Bank of Rotan on the following projects, in Fisher County be released to Fisher County:


An approprictio: of Stats funds is hereby made to supplant County funds on the above projects. This Minute is based upon the condition that Fisher County will inmediately pay the Highway Department all funds due the Department on F.A.P. $90-B$ and S.P. $917-C$, the escrow funds for which are in escrow in the Fotan State Bank. A. F. 포.-33-66

In Frenkin and Red River Counties, it is ordered by the Cormission thatat the next reguler letting bids be received for bridges for White Oek Crossing and Sulphur River Crossing, in Frankl in and Red River Count iee on State Highway \#37.

It is ordered by the Commission that $\$ 8,955.56$ be transferred from the Reteinage Fund of the Regular Maintenance Budget to an Authorization to cover the cost of Clearing and Grubbing on Highway No. 26, in Greage County, from Longview to Kilgore, a distance of 11.248 miles ; this work to be done under the direction of the State Highway Engineer through the Maintenence Deportment as special job No. M-10-G-7.

## A. F. ㅍ. $-33-67$

In Guadalupe County, an initial construction appropriation of $\$ 330,215.63$ State, Federal, and Federal Emergency Funds is hereby made to be expended under the direction of the State Highway Hngineer on State Highway No. 3 -A, F.A.P. No. $633-\mathrm{B} \& \mathrm{C}$, and S.P. No. $985-\mathrm{A}$, extending from Cibolo Creek to Seguin, a distance of 13.544 miles, for the con struction of Concrete Pevement.
A. F. E. $-32-68$

Minute No. 7404, authorizing temporary suspension of work on the Davis Mountain Scenic Hichway, is hereby amended to provide that掣10,000,00 be transferred from the Authorization for the construction of Section No. 2 of the Davis Mountain Scenic Highway to partially cover the cost of construction of approaches to Musquiz Creek Bridge on Highway No. 118 in Jeff Davis County; and it is further provided that $\$ 12,733.39$ to cover the balance of the cost of construction of anproaches and grading on 2.69 miles of Fighway No. 118 at each end of the Musquiz Creek Bridee be transferred from the Retainage Fund of the Regular Maintenance Budget to an authorization for this work, grading to be done under the direction of the State Highway Encineer through the Maintenance Division, as Special Job No. M-24-H. It is further provided that $\$ 5,280.00$ be transferred from the Retainage Budget to increase the appropriation on F.A.P. No. $516 \mathrm{-D}$ to cover the cost of small structures on this 2.69 mile section of Highway No. 118.

In Jim Wells County, an initial construction appropriation of $\$ 230,135.11$ State Funds is hereby made to be expended under the direction of the State Highmay Ensineer on State Highway No. 66 S.P. No. 931-T, extending from the Live Oak County line to Alice, a distance of 21.406 miles, for the construction of a Limestone Rock Asphalt Surface Course, on condition that said county will furnish such fenced right-of-way as may be required, for highways 12 and 66 west of the Southern Facific Rallroad at Alice, and extendine both north and south of the Tex-Mex Railroad to a connoction with the present highways, as required in Minute No. 2482, dated January 22, 1930. A.F.E. E $_{2}$ - 3 -69

In Jim Fells and San Patricio Counties, an increased appropriation of $\$ 4,500,00$ is hereby mede to be expended under the direction of the State Highway Engineer through the Constmaction Division on State Highway No. 12, S.P. 700-C, approaches to Nueces River Bridge, for widening of crown, flattening of slopes and jetting and ponding. These funds are to be obtained by makine transfer fron appropriation on S.F. 886-G, Sen Patricio County.
A. F.E. $-33-70$

In Lee County, an initial appropriation of $\$ 2,560.00$ State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. Old San Antonio Road from Bastrop-Lee County line to Highway No. 21 at Midde Yegua Crsek, a distance of 12.8 miles for roadway maintenance for the belance of the fiscal year ending August 31, 1933 and the State Highway Engineer is instructed to take this section of road over $f$ or maintenanco inasmuch as all conditions imposed in this designation have been complied with. This appropriation being nade for General Maintenance Budeqt.
A.F.E. $-33-71$

In Leon County an initial appropriation of $\$ 6000.00$ State Funds is hereby made to be expended under the direction of the State Highwey Engineer through the Maintenance Division on Old San Antonio Road from Normangee westward to the Navasota River a distance of 9.9 miles for regrading sections and partially gravelling. This appropriation being made for Bettorment work, Job No. M-17-q-4 without right-of-way requirements, and funds to be secured from Retainage Find of regular maintenance EGget.
A. $\mathrm{F}_{\mathrm{o}} \mathrm{E}_{2}-33-72$

In Live Ook County, it is ordered by the Commission that the following balances of County funds, now on deposit in the Security Trus Company at Austin, Texas be released to Live Oak County:
 to the Deaf Smith County Line, a distance of 15.536 miles; and , in Gray County on Hichway No. 33, F.A.P. 625-A, from Pampe to the Roberts County line, a distence of 14.315 miles, in order to enhance the value of construction of Caliche Bases nearing completion, the sum of $\$ 2,300.0 p$ for F.A.P. $174-4$ and S. P. $1000-A$, and $\$ 3,100.00$ for F.A.P. $625-\mathrm{A}$, is hereby appropriated to cover the cost of a proper oil treatment prior to the construction of Bituminous Pavement for which contract has been awerded and funds appropriated. This money is derived from dertain authorized maintenance appropriations which have not been used as such.

In Young County, State Highray \#120 in the matter of the Newcastie Bridge over the Brazos River, contract for which was awarded to John F. Buclnor on January 24, 1932, and on which project in the submission oflids contractors were advised that they were to take in lieu of cash not exceeding $\$ 75,000.00$ of Young County warrants, and the further fact that Young County, in the project agreement with the Department agreed to put $\$ 75,000.00$ in warrants in this project, it has come to the attention of the Highmay Comission that Young County, under the present valuations,

3. Easement agreenent with the Gulf Colorado \& Santa Fe Railway Company for encroachment upon their property for the construction of State Highweny No. 8, in Panola County.
4. Easement agreement with the Southern Pacific Railway Company for encroachment upon their property for the construction of State Highway No. in MeLennan County.
5. Easement agreement with the Southern Pacific Reilway Company for encroachment upon their property for the construction of Stote Hiohway No. in McLennan County.
6. Easement agreement with the Panhandle \& Santa Fe Reilway Company for encroachment upon their property for the construction of State Highway No. 28, in Moyd County.
7. Easement agreement with the Missouri Kansas Tezas Railway Company for encroachment upon their property for the construction of State Highway No. 42, in Rains County.

It is ordered by the Commission that the exclusive use of a metel center strip on concrete pavement projects, as specified in Minute \#6943 dated September 2Znd, 1932 be no longer required.

March 31, 1933
In Bell County an increased appropriation of $\$ 7,000.00$ State and Federal lunds is hereby made to be expended under the direction of the State Highway Engineer through the Constmuction Division on State Highway No. 2, F.A.P. 40, from a point two miles north of Temple to the Falls County line, a distance of 9.448 miles, for the construction of grading and small drainage structures; this additional cost being due to increasel quantities of several contract items, principally solid rock roadway excavation. These funds are to be obtained by making transfer from appropriation on F.A.P. 614-A, Unit II, in McLennan County.
A. F. E. $_{2}-33-80$

April 11, 1933
It is ordered by the Commission that payment of $\$ 8,600.58$ be made to McClung Construction Company, Inc. In fullpayment of their claim for additional compensation on the construction of Federal aid Project 545-A on Highway No. Sl, Henderson County. This payment is in accordance with the recommendation of the Committee on Claims.

In Coleman and Runnele Counties on Highway No. 23, F.A.P. 600-A, B, \& C, from Ballinger to Talpa, a datance of 15.073 miles in order to enhance the value of construction of non-rigid base now underway and rapidit nearing completion the sum of $\$ 5,275.55$ is hereby appropriated to cover the cost of a proper oil treatment preparatory to the final construction of an Asphalt Surfacing. This money is derived from certain authorized maintenance appropriations which have not been used as such.
A. F. ․ㅗ, $=33-81$

In Crockett County on Highway No. 27, F.A.P. 617-A, from Ozona to Sutton County line, a distance of 15.089 miles , in order to enhance the value of construction of non-rigid base now underway and rapidly nearing completion the sum of $\$ 5,281.15$ is hereby appropriated to cover the cost of a proper oil treatment preparatory to the final cenatruction of an Aaphalt Surfacing. This money is derived from certain authorized maintenance appropriations which have not been used as such. A.F.E. $-33-82$ the sum order to minimize maintenance and enhance the value of constructipn the sum of $\$ 4,467.45$ is hereby appropriated to cover the cost of a proper oil treatment on Highway No. 83, S.P. 917-A, B, \& D, in Fisher County, between Roby and the Jones County line, a distance of 13.746 miles, now awaiting the construction of an asphalt surfacing. This money is derived from certain authorized maintenance appropriations which have not been used as such.
$\xrightarrow{\text { A. } F_{n} \text { E. }}=33-83$

## April 11, 1933

It is ordered by the Commission that the bridge over the Intracoastal Canal on Highway No. 87 in Jefferson County be taken over for maintenance, and that a bridge tender be employed to operate same.

In McLennan County an increased appropriation of $\$ 4,000.00$ State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 2, F.A.P. 614-B, from the Falls County line to a point two miles north of Bruceville, a distence of 3.817 miles, for the construction of grading and drainage structures, this increased cost being due to relocation and increased quantities of solid rook roadway excavation and other contract items. These funds are to be obtained by making transfer from appropriation of F.A.P. 614-A, Unit II, McLennan County.
A. $F_{0} \mathbb{E}_{0}-33-84$

In Reagan County on Highway No. 99, S.P. 904-A, from Upton County line to Big Lake, a distance of 18.578 miles, in order to enhance the value of construction of non-rigid base now underway and rapidly nearing completion the sum of $\$ 6,502.30$ is hereby appropriated to cover the cost of a proper oil treatment preparatory to the final construction of an Asphalt Surfacing. This money is derived from certain authorized maintenance appropriations which have not been used as such.

## A. F. $\mathrm{F},-33-85$

April 12, 1933
In Anderson County on Highway No. 19, F.A.P. $403-\mathrm{B}$, from Montalba to Henderson County line, a distance of 11.504 miles, in order to minimize maintenance and enhance the value of construction of the Iron Ore Base now awaiting the construction of asphalt surfece, the sum of $\$ 3,451.20$ is hereby appropriated to cover the cost of proper oil treatment preparatory to the final constructionifsurfacing. This money is derived from certain authorized maintenance appropriations which have not been used as such.
A.F.E.E. $33-86$

In Andrews County an initial appropriation of $\$ 1,980.00$ State Funds is hereby made to be expended under the direction of the State Highway Ingineer through the Maintenance Division on State Highway No. 137 from the city of Andrews to the Andrews-Gaines County line, a distance of 13.20 miles for Rodiway Maintenance for the balance of the fiscal year ending August 31, 1933, and the State Highway Hingineer is ingtructed to take this gestion of road over for maintenance inammuch as all conditions imposed in this designation have been complied with. This appropriation being made for General Maintenance Budget.
A. F.E. - $33-87$

In Carneron County it is ordered by the Commission that four miles of State Highway \#4 between Brownsville and Santa Maria be taken over fop maint enance.

The State Highway Bngineer is directed to enter into supplemental agreement with the Dexter Construction Company for the surfacing of approximately three miles of Highway No. 7 in Coleman County, at the pricesprevailing in said construction company's contract adjoining this project; the conditions of the contract to be the same as the adjoining project, which is an Imergency Highway Construction Project, P.A.P. "II" 610-A. The extension is designated as S.P. 784-A and S.P. 784-A, Ext.

In Cooke County it is ordered that a special preliminary engineering appropriation in the amount of $\$ 1,800.00$ ( $\$ 90.00$ per mile) be made to cover the cost of completing the 1 ocation surveys and P.S. \& E. for Unit I Construction on Highway No. 5 from Gainesville to the Montague Copunty line, a distence of 20.0 miles.
A. F. E. $-33=88$

It is ordered by the Commission that $\$ 7,510.11$ be transferred from the Retainage Fund of the Regular Maintenance Budget to an Authorization to cover the cost of constructing approaches to the Paluxy River Bridge on Highway No. 10, in Brath County; this work to be done under the direction of the State Highway Engineer through the Maintenance Department as Special Job No. M-2-S-4.

It is ordered by the Comission that $\$ 500.00$ be transferred from the Retainage Fund of the Regular Maintenance Budget to an authorization to cover the cost of Clearing and Grabbing on Highway No. 16, in Foard County, from Crowell to the Hardeman County Iine; this work to be done under the direction of the State Highway Ingineer through the Maintenance Department as Special Job No. M-25-C.

In Gaines County an initial appropriation of $\$ 2,030,00$ State Funds is hereby made to be expended under the direction of the State Highwey Engineer through the Maintenance Division on State Highway No. 137, from the south limits of Seminole to the Gaines-lindrews County line, a distance of 14.50 miles for Roadway Maintenance for the balance of the figcal year onding August 31, 1933, and the State Highway lingineer is instructed to take this section of road over for maintenance inasmuch as all conditions imposed in this designation have been complied with. This appropriation being made for General Mintenance Budget.
A. $\mathrm{F}_{\mathrm{E}} \mathrm{E}_{\mathrm{E}}-33-89$

It is ordered by the Commission that $\$ 13,834.32$ be transferred from the Retainage Fund of the Reguiar Maintenance Budget to an Authorization to cover the cost of an Asphaltic Seal Coat on a section of Highway \#18, in Hall County, extending from Motley County line to 14.67 miles south of Turkey, a distance of 20.205 miles; this work to be done under the direction of the State Highway Ingineer through the Maintenance Division as Special Job No. M-25-E.

It is ordered by the Commission that $\$ 3,579.70$ be transferred from the Retainage Fund of the Regular Maintenance Budget to an Authorization to cover the cost of an Asphaltic Seal Coat on Highway No. 24, in Knox County, extending from Benjamin east a length of $5.492 \mathrm{miles} ;$ this work to be done under the direction of the State Highway Engineer through the Maintenance Division, as Special Job No. M-25-D.

In Limestone County an initial appropriation of $\$ 2,200.00$ State Funds is hereby made to be expended under the direction of the State Highway Ingineer through the Construction Division for the construction of gradins and drainage structures on S.P. 146-C, this being a spur connection between the town of Thornton and Highway No. 14 as relocated, a distance of 0.458 miles, on condition that the County will furnish and fence necessary right-of-way. These funds are to be obtained by making transfer from the appropriation on F.A.P. 161-Reop., as provided by Minute \#6611, dated August 4th, 1932.
$\xrightarrow{\text { A. } F \cdot E=33-90}$
In order to minimize maintenance and enhance the value of constructIon of the crushed stone and caliche base constructed by Potter County on Highway No. 136 from a point 7.3 miles north of Amarillo to a point 12.9 miles north of Amarillo, a distance of 5.6 miles , and now awaiting the construction of Asphal $t$ Surfacing, the sum of $\$ 2,240.00$ is hereby appropriated to cover the cost of necessary repairs and refinishing of base with a proper oil treatment. This money is derived from certain authorized maintenance appropriations which have not been used as such. $\xrightarrow{\text { A. }_{2} \boldsymbol{F}_{2} \mathbb{E}_{0}-33-91}$

It is ordered by the Comission that $\$ 6,471.19$ be transferred from the Retainage Fund of the Regular Maintenance Budget to an Authorization to cover the cost of an Asphaltic Seal Coat on 8.89 mile section of Highway No. 7 in Scurry County from Mitchell County line north; and for a like treatment of 2200 ft . on Highway No. 7 in Mitchell County from the Nolan-Mitchell County line to the Mitchell-Scurry County line; this work to be done under the direction of the State Highway Mingineer through the Maintenance Department, as Special Job No. M-8-Y-4.

An appropriation of State Funds in the amount of $\$ 12,500.00$ is here by made to be expended under the direction of the State Highway Kngineer through the Maintenance Department during the balance of the fiscal year ending August 31, 1933, for Base Fork on Highway \#7, in Scurry County, extanding from Snyder to the Garza County line. This appropriation is made on condition that the monthly allotments for expenditures in Division No. 8 for the balance of the fiscal year will not be increased, and that this authorized $\$ 2,500,00$ expenditure per month will be secured by a reduction of the Regular Maintenance Budget. A. F. ت. $\quad$ - $33-92$

It is ordered by the Commission that $\$ 12,576.23$ be transferred from the Retainage Frund of the Regular Maintenance Budget to cover the cost of on Asphaltic Seal Coat on 18.04 miles of Highway No. 110 in Smith Couniy, extemding from Tyler to Troup, this work to be done under the direction of the State Highray Bngineer through the Mantenance Departmen as Special Job No. $\mathrm{M}-10-\mathrm{H}-7$.

It is ordered by the Comission that inasmuch as all conditions outlined in the designation of Highway No. 4, in Stonewall County from the Stonewall-King County line to Aspermont have been complied with that the State Highway Hingineer be instructed to take this section of road over for maintenance. No appropriation for this work is necessary as it was included in the Regular Maintenance Budget for the fiscal year.

It is ordered by the Comission that $\$ 4,108.13$ be transferred from the Retainage Fund of the Regular Maintenance Budget to an Authorization to cover the cost of surfacing approaches to the Blanco River Bridge on Highway No. 3, in Uralde County; this woric to be done under the direction of the State Highway Magineer through the Maintenance Department as Special Job No. W-22-Q.

It is ordered by the Commission that the selection of Mr. Marvin C. Wichols as Arbitrator in the matter of the claim of Dexter Construction Company for additional payment for cement used in the construction of S.P. 945-A, Highway No. 71, Wharton County, as provided for in Minute \#'264 dated January 19, 1933, be approved.

It is ordered by the Commission that $\$ 1,000.00$ be transferred from the Retainage Fund of the Regular Maintenance Budget to cover the cost of necessary Clearing so that the County canerect Right-of-way fences on new location of Highway No. 104 in Fill lamson County from Georgetown to a connection with Highway No. 29; this work to be done under the directipn of the State Highray Ragineer through the Maintenance Department as Special Job No. $\mathrm{M}-14-\mathrm{B}-6$.

It is ordered by the Comission that a transfer of State Funds in the amount of $\$ 8,131.00$ be made from the Retainage Fund of the Meintenance Budget to cover the cost of a Single Bituminous Surface Treatment on 14.1 miles of Highway No. 104 in Williamson County, extending from Georgetown to Circleville, this work to be done under the direction of the State Highway Bngineer through the Maintenance Department, as Betterment Job No. M-14-I-4.

APPROVED:

State Highway Engineer


Member

Member
I hereby certify that the above and foregoing pages constitute the full, true, and correct record of all proceedings and official orders of the Sthate Highway Commission at $\Lambda$ Marci $28,30,31$, April 11, and 12, 1933.


