

SUPPLEMENT OF THE BEE.

NEW-ORLEANS, SATURDAY, JANUARY 11, 1834.

For accounts of the last European news see 4th page.

STATE OF LOUISIANA:
ELEVENTH LEGISLATURE, SECOND SESSION.

JOURNAL
OF THE
HOUSE OF REPRESENTATIVES.

WEDNESDAY, DECEMBER 21st, 1833.

The House met at 10 o'clock, on the 21st inst., and proceeded to the reading of the report of the Board of Public Works, which was read by the following words:

REPORT

Of the progress of the State, in the execution of the act of the Legislature, passed on the 21st of May, 1832, providing for the improvement of the Mississippi river, by the cutting off of some of its great bends.

The most prominent feature which strikes the mind, while casting a general survey over the state, is the great stream to which it owes its birth and which must ever be the main artery of its trade. Capricious and uncontrollable, its power must be subdued to the human will, and its might must be generally in anticipation of its great bends, is the cutting off of some of its great bends. Such works I have frequently heard suggested. On ordinary rivers, they are always objectionable, on account of the reduction of depth, increase of the current and new bars, by which they ultimately rather injure than benefit the navigation. The immense depth of the Mississippi places it out of the reach of those objections. The only unfavorable consequences that can result from shortening would be occasioned mainly by the peculiarity of light and variable character of its banks.

A *Cut-off*, as it is generally termed, will, of course, produce an acceleration of the velocity of the current and consequently the denudation of marginal property on the side against which it will infringe, below the new channel. For, the bends of a river cannot be considered as the work of chance; they are necessary to its regime; that is, to a proper equilibrium between the velocity of the current and the tenacity of its banks and bottom; and these must necessarily wear away until, by increased distance, the speed is reduced to its proper standard. Thus the consequence of a cut-off will be, that in the end, a new head, nearly equivalent to the former, will be made by abrasion on one side and a corresponding *butte* on the other; the higher and better ground of the two having been left, and the lower and consequently higher left, and the same time, and I had to regret the loss of one of my assistants, L. B. Davis, a very promising young man.

It being necessary to the works at the mouth of the Mississippi, where, unfortunately, the water is much lower than usual, I was obliged to suspend the works at the mouth of the Mississippi, which was done on the 11th of November, under the management of Mr. H. Tutill, the agent appointed by the board.

I pursued to the instructions then transmitted to me, by my assistant Mr. D. N. Welch, to proceed immediately to the survey of the Metairie, from which he has not yet returned. From this survey, it is almost certain that the works at the mouth of the Mississippi, which were commenced in the month of August, will be completed in the month of November and the beginning of December, probably the most valuable time of the year for surveys in this latitude and peculiar locality.

The reports on completed operations are hereto annexed; the others will be transmitted without delay, after the return of the assistants.

Though a great number of improvements in the art of agriculture, and in the mode of raising and preparing the soil, have been made, and can be brought down the Mississippi at a low rate of freight. These improvements, like every other, must be brought down the river, unless favored with an easy access to New Orleans. Only such places as possess this advantage can flourish; or, must necessarily settle and slowly labor under many inconveniences, and be confined in their industry to such productions only as can reach the market at suitable times and places. Variety and abundance are the checks and many enterprising planters can realize but slender rewards for their labor. Thus people living, it may be said, at the very gates of New Orleans, are compelled to sell the prize to distant speculation. But the easiness of Louisiana will be soon occupied by the resources of her rich soil rapidly developed, and she will, at least, be the first to enjoy the unparalleled advantages of her own prosperous market.

As regards the facility of making the necessary improvements and the certainty of their efficacy when completed, it will strike the most common observer. Over so that a country, no formidable obstacle will be encountered, that would, as in a mountainous region, add to the time of transportation, or take from the efficacy of the power so much as to render the returns doubtful. Here the full effect of the power applied and the greatest allowable speed are rendered certain, by the generally level character of the land; and, consequently, every work judiciously conducted, must needs repay the state abundantly, both by the tolls which will accrue, in so fertile a country, with a denser population, and by what is far more important and valuable, as a state object, the increased wealth and prosperity of its territory.

In framing a general system of improvements, much difficulty will certainly arise, concerning the leading objects most deserving of public patronage; not only an intimate knowledge of the country, its resources and relative interests is indispensable; but also, in many instances, the mind must read into the future, and anticipate those changes of circumstances, so common in this new country, which transfer the importance of existing places, to others perhaps wild and unknown. This is necessary in order, that the expenditures may

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2 1-2 miles above bridge 97 "

on the levee 2 1-2 miles above 96 "

at the bridge 92 "

End of the hill below Clinton, 115 "

Clinton bank at bridge near Clinton, 120 "

at the mouth of the river, 125 "

at the mouth of the river, 130 "

at the mouth of the river, 135 "

at the mouth of the river, 140 "

at the mouth of the river, 145 "

at the mouth of the river, 150 "

at the mouth of the river, 155 "

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at the mouth of the river, 360 "

at the mouth of the river, 365 "

at the mouth of the river, 370 "

for which there is always ready market at hand. To facilitate the access of steamboats and crafts, to the settlements that are daily made on the stream is consequently a desirable object. The following is an account of the observations I have made to this end, on each successive tide; the distances were merely computed; an actual survey would have been superfluous.

The map and profiles, prepared from the notes, will show the relative situation of all the points and all the circumstances of the proposed route.

The rail road must, of course, be constructed altogether of timber, capped with bars of iron or steel. Owing to the objections to deep cuts and the consequent want of materials for embankments, as much as the known economy of the plan, its superstructure will generally have to be supported upon piles.

A road of the description will, I think, approximate a cost of \$2,000 per mile, or very nearly \$1,750,000 in the aggregate; a sum, the expediency of which will be amply repaid by the future such an improvement must yield when carried into Mississippi, the extreme section of a long line of communication being, as well known, always the most profitable. But, in view of the extension to the limit of the state, and an expectation of its being produced by the next.

THE HAYOU TRADING COMPANY.
I am glad to hear from you, and in my report to the board of public works, concerning the proposed measures taken towards the improvement of the river, I have mentioned the fact that the Hayou Trading Company, in their report to the board of public works, have at their last meeting increased the number of men employed under the direction of Mr. Tutill, whose ability and energy are well known.

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