FARM AND GARDEN.

Farmers Who Cultivate Their Brains the Ones Who Make the Greatest Successes.

Warm Stables Necessary to the Proper Care and Protection of Stock in Winter.

Planting Trees in the Fall--Why Old Orchards Do Not Bear--Notes.

Brains and Brawn.

Our most successful farmers are not those who work hardest at manual labor; they work, nevertheless, with all their energies. None are exempt from labor; but in all it is not equally well applied and directed. If we take any two men, physically equal, the one will accomplish most who excels in brainpower. Therefore, let that small inclosure within his own skull be cultivated as assiduously and as carefully by the farmer as is his choicest crop. Whatever farming may have been in the past, the time has come when the highest intelligence is demanded as a necessary qualification on the part of the agriculturist.

Book-farming, however, is decried and "farmers are not a reading class." We, on our part, neither underrate the practical knowledge nor overrate the importance of the scientific study of farming. The one is needful to the other, and science is futile if it does not help practice to do its work better and cheaper. But there is one great want in most of our farm-houses, and that is the almost entire absence of agricultural literature, both in book and periodical form. The volumes one most expects to see on a farmer's table are generally conspicuous by their absence; and, will it be believed, there is many a farmer who does not take an agricultural newspaper. Both boys and girls grow up on the farm and spend those years which will so much influence their future lives without ever once being led to realize the momentousness of what is before them. They grow up, too, without the taste for reading, and so miss a never-failing source of happiness, not to speak of the mental culture and refinement. For all this, the want of suitable books and papers on the farm-house table is to be blamed. The bodily toilers come in thoroughly wearied, and often with a longing for relaxation of some kind; but there is no paper and no interesting volume that they can turn to, and so they live within themselves, as it were, and, in too many cases, sleep away their existence.

But just let the young farmer think for a moment of the forces, the properties, principles, influences, the laws, developed and undeveloped—with which he must come in contact, and understand if he would succeed. So far from being less dependent upon the arts and sciences than those engaged in other occupations, the farmer stands in need of a far wider range of knowledge than is requisite in almost any other business. And farming need not prove the unvarying round and monotonous life it is often said to be, for every operation on the farm is an incentive to inquiry and stimulant to thought. Men of one idea can not succeed in farming, and those engaged in it, the young especially, should lose no opportunity of adding to their present stock of ideas by reading, by investigating for themselves, and through intercourse with others.

Failure of Old Orchards.

One reason, and the principal one, of the failure of old orchards to bear good fruit is the want of proper food for the development of fruit. The apple tree, standing as it does in one spot for fifty or sixty years, throwing out its roots in every direction and deep down in the earth, naturally exhausts the soil of its elements of growth. It cries out for food by its failure to hold fruit; it makes its wants known by its dying limbs, and its cry is unheeded. The owner pays no attention to its calls of distress, but allows them to die, when a little assistance would give the old trees a renewal of life, and it would show its gratitude by bearing in its arms great heaps of luscious fruit. He thinks it has done its work, and so lets them die out and sets new trees, when, by proper care, they would continue to bear without the loss of time consequent upon growing a new orchard. As an evidence of the truth of this statement, set out new trees in the old places, and no good will be the inevitable result.

All this can be remedied by properly manuring around the old trees. The ground is allowed to grow up with grass and weeds, and this drinks up all the moisture falling on them, so the tree is deprived of its necessary drink. In the first place, spread heavily manures from the barnyard and stable. Get all the leached ashes from the houseyard and from the ash-hopper. Put all around the trees, and then turn it under as deep as a large plow will turn it. Continue to do this every spring and the trees will never cease to bear full of fruit, nor will they lose limbs or be cumbered with moss. The crops raised under them will repay all the labor richly, such as peas, potatoes and roots of any kind.

Stables Should Be Lined.

How many stables have anything more than the thickness of a board between their inclosed spaces and the outer air? Those who have bank barns or basement stables have thick stone walls that afford ample protection against cold, but in a level country like Minnesota and Dakota those stables are few and far between. Take the country through and seven-tenths of our stables are inclosed with a single thickness of boards battened at the joints. Well finished up and painted, these structures look very tasty and comfortable from the outside, when in reality they are very cold affairs. They do excellently well for storing barns, but for stables something more is needed. The common plan on a farm of ordinary size is to have a barn and stable all in one. In one end of the barn is the stable, in the other the large bay, with the open barn floor running between the two. This is a very good arrangement so far as it goes.

What the stable wants now is a lining and filling that will make it almost frost proof, when filled as it usually is with warm animal bodies that throw off heat enough to keep an ordinary close room at a sufficiently high temperature. A room that is made close and tight to start with may then be ventilated at pleasure, which is much better than such hap-hazard ventilation as too many stables get through the chinks and crevices of the walls. If the building has a frame of timber bents, extra studs or posts may be put up between the heavy posts that are too far apart, and sheeting of common lumber nailed to them. As fast as the sheeting is put on, commencing at the bottom, of course, the space between the two walls should be filled with straw well punched down. This makes a warm dry filling, and is something which is at the command of every farmer. Such a stable lining will save many times its cost in one winter in the feed consumed, to say nothing of the increased thrift and comfort of the animals confined. Hen houses, pig pens and every building about the place that shelters stock should be treated in some such manner. If you want eggs, milk and thrifty animals, this is the way to get them.

Fall Tree Planting and Pruning.

Tree planting is usually done in the spring, but much that pertains to the permanent adornment of our homes' grounds and streets might be done at this comparatively unoccupied season of the year. Large trees may be safely removed by digging around them and under them to a good depth. Then a ball of dirt will adhere to the roots when frozen. If trees are to be thus transplanted, they may be moved on cart wheels having a long tongue, which should be raised in the air in such manner as to lift the roots when the tongue is lowered. The tree must, of course, be protected with matting or straw so that the bark may not be galled. Holes should either be made before freezing, or else a thick mulch should be applied as a preventive of freezing so that the hole can be prepared after freezing weather arrives. November is a good month to trim large trees. As a rule, the farmer can better spend the time to do it than earlier in the season, for the weather is too cold to work with any comfort or to any advantage. If the borers have not been removed there is still a short time left to do it in; this is a work that should not be neglected. The autumn is a good time to apply fertilizers to the orchard, and if good fruit is desired this must be applied with a liberal hand; to expect large fruit without manure is to invite disappointments; in fact, it is unreasonable to expect nature to furnish large crops of good fruit without any assistance from man. Large crops of good fruit can only be expected where the land has been liberally supplied with the right kind of fertilizers.

Profitable Dairying.

Hoard's Dairyman says of Mrs. M. H. Lamb of Alma City, Minn., whom it calls the "brightest dairywoman of that state," that she made 5,175 pounds of butter in just one year from twenty-three cows, eight of which were only two-year-old heifers—an average of 284½ pounds per head, which was sold to private families in St. Paul and Minneapolis at an average of 26 cents per pound, thus coining $1,485.90. The value of the grain food bought and consumed was $8.08 per cow. How does she get the yield? Simply through generous feeding, winter dairying, and milking improved stock, which consists of grade Jerseys and Short-horns, and—it need not be overlooked—her experience has taught her something, and, so she says, she is getting the Jersey blood to predominate as fast as she can. For her they make more money than the Short-horns, and we are informed she has a very profitable grade of Short-horns, too. It is a great pity some of the great strapping men, if they only had teachable brains in their heads, couldn't go to school to her and learn how to be dairymen.

Save the Fuel.

Fuel in any form is the equivalent of money even upon farms where timber is so plentiful that it has no selling value in the tree, yet to prepare it for the stove requires labor, which has an equivalent to money. How to save fuel becomes at once a question of finance to every farmer and in these close times an important one. The first and most important item is to make the house. Close up all openings, however small in the floor, at the bottom and sides of the doors and windows, and provide for ventilation at the top of the doors or windows or as near the ceiling as possible. These openings need not be large, as air passes rapidly through very small crevices when propelled upward and out from the expansion by heat and drawn in and downward by gravity.

Manitoba Wheat and Flour.

The first shipment of wheat of this season's growth for England from the Canadian Northwest was made from Maple Creek, 600 miles west of Winnipeg, on Aug. 23. The wheat is reported as a good sample of red fife variety, and was grown on the Canadian Pacific experimental farms at Maple Creek and vicinity. The first direct shipment to Great Britain of flour manufactured in Winnipeg was made Sept. 2, by the Ogilvie Milling company to Leith, Scotland.

Farm Notes.

As this is a comparatively leisure season many permanent improvements ought to be made which will make the winter's chores go on much easier than if neglected. New hinges, latches, buttons and various things about the barn. Tighten the hovel and stable, if not frost proof, and introduce spouts for ventilation, running from the scaffold floor to the eaves, with a slide which may be opened or closed from the floor where the horses and cattle are kept. Let the light strike the horses from windows behind, rather than at the side.

The Chicago papers are growling a great deal because the corn and oats from Iowa, Kansas and Nebraska are disposed to go through Chicago to New York without stopping, and that the railroads give a rate that allows them to do so. We don't see anything strange in it at all. Chicago has been so greedy and extortionate in years past that it became a necessity to find some way of getting to the East without paying toll.

Cotswolds: A correspondent says that there are many yet who do not know the points of this breed of sheep and asks us to give them in the thoroughbred. An English writer, good authority, in brief says: A large breed, long fleece, wool strong and good color, six to eight inches in length, and fleeces weigh from seven to eight pounds each, some much heavier; mutton considered good. Wethers are fattened at fourteen months, and weigh fifteen to twenty-four pounds per quarter, and at two years twenty to thirty pounds per quarter.

Keep the fowls well now. If you expect to get eggs from your hens in December, they must be amply fed with egg-producing provender. Give them bones in granulated form; have plenty of lime and gravel within the houses, to which they may have free access; twice a week give them cooked, coarse meat, chopped up; and don't forget the occasional allowance of green food—cabbages, turnips, etc.,—while they are housed in confinement.

There are thousands of horses whose feet never receive a thought from their owners—except to have them shod—from the time the colt is foaled until the horse is worn out and dies. The feet are never cleaned and never examined. The horse is allowed to stand in filth whenever it is in the stable, and is cooked by the hot manure beneath the animal.

The fattening of swine should be pushed now, before the weather gets much colder. Hogs rarely pay their keeping in cold weather, unless they have dry, warm pens under cover. It requires too much food to maintain the animal heat, so there is little left to add to the weight of carcass.

Dr. Sanborn stated last winter at a meeting of the Illinois Horticultural society that he protected completely from rabbits and mice his 500 pear trees with a wash of lime and water, with enough copperas added to change the color to a deep green. Some cheap glue was added to make it adhere to the trees. Neither rabbits nor mice would touch the trees thus treated.

Farmers will need to be careful this year in cribbing corn. With all our boasted crop, there is a good deal that is mouldy and some soft. Good, sound corn will be worth money before we harvest another crop, and none but such should be cribbed. Pile the rest up for present use. It is worth more now than it ever will be again.

We lately saw a large roller left in the field, having a cover of boards attached to the frame, which served as a roof wherever it chanced to be left. How many mowing machines are there to-day both unhoused and destitute even of the portable roof which this roller possessed?

Don't let the plow freeze into the furrow, or the "garden sauce" freeze into the ground. Mosquito screens may now be dispensed with, and the hens taken out of the apple trees and properly put to roost under cover.

A New Hampshire man keeps 500 fowls, all healthy and good layers. He scatters them over his farm, which is 400 acres in extent, in flocks of 25 to 50, providing for each a cheap house 9x13 feet. Their broad range is the secret of his success.

The amount of wool produced in the world is grown on about 415,000,000 sheep, and any quantity of the vast product from various places can be shipped to any point in the world for a consideration of 2 or 3 cents per pound.

The cattle growers of Mexico will be represented at the Chicago meeting in November by a delegation of about fifty. They have transportation facilities from the national organization.

In a review of the year on prize winning milkers the London Agricultural Gazette says: "Putting them altogether, therefore, it appears that the best milker is a Shorthorn, with 98.30 marks out of 100; the second a Shorthorn, with 98.10 marks."

There are 2,400 stables of cows in New York, the milk of which is sold in the city; and these cows from the time they enter the stables until no longer able to give milk never see grass.

Gov. Gray issues this week a proclamation against importing cattle from Kentucky into Indiana, until after the most careful inspection.

The Grand Rapids Journal has kept the account and finds that out of the thirty-one last births in that section twenty-nine are girls. It is thought the thing is being overdone in that direction.

OFFICIAL.

Proceedings of the Board of Public Works

Regular Meeting.

ST. PAUL, Nov. 9, 1885.

Board met at 2 p. m.

Present: Messrs. Becker, Hoyt, Koch, Quinby and Mr. President.

Absent: Mr. Peters (excused).

Reading of the minutes of the 2d inst. dispensed with.

A communication was received from Daniel Mullen, claiming that there is due him $127 on his contract for grading University Avenue, from Rice street to Lexington Avenue. Referred to the Engineer for report.

A communication was received from Fred Otto, claiming that his property has been damaged by the grading of Margaret street. Considered and placed on file.

Carl Wilber presented written objections to the confirmation of the assessment for the construction of the Collins, Bedford and North streets sewer. Considered and placed on file.

Frederick Lambrecht, Henry Retzmann, L. Kelly and others presented written objections to the confirmation of the assessment for a change of grade on Acker street. Considered and placed on file.

Theo Englebrecht appeared before the Board and stated that the assessment for sidewalk in front of lot 1, block 10, Warren & Winslow's Addition, is erroneous, no walk having been built in front of said premises. Referred to Engineer for report of measurement.

Bids were opened and read for grading and guttering Western Avenue, from Como Avenue to Maryland street, as follows, to-wit:

Charles Faber and R. S. Knapp....$22,000 00

Charles Faber and R. S. Knapp being the only bidders, and their bid being deemed too high, the same was rejected and the Clerk was directed to re-advertise for bids for said improvement. Yeas 5, nays 0.

Bids were opened and read for grading and bridging Arcade street, from Seventh street to Maryland street, as follows, to-wit:

Charles Faber and R. S. Knapp.....$29,193 00

Charles Faber and R. S. Knapp being the only bidders, and their bid being deemed too high, the same was rejected and the Clerk was directed to re-advertise for bids for said improvement. Yeas 5, nays 0.

Bids were opened and read for grading Acker street, from Mississippi street to Sylvan street, and Jackson street, from Benton street to Sycamore street, with stone curbs and gutters on Acker street, from Mississippi street to Jackson street, and on Jackson street, from Acker street to Sycamore street, as follows, to-wit:

Patrick H. Thornton	$13,700 00
George A. Moran	13,990 00
Henry B. Willis	16,170 76
Michael O'Toole	12,050 00

The matter of awarding the contract for said improvement was postponed to the 16th inst. at 2 p. m.

The Engineer having reported that there is no sewer on Indiana Avenue in front of lot 6, block 197, Irvine's Addition to West St. Paul (Paul Feredowill supposed owner), the assessment against said lot for said sewer was ordered abated, so as to conform to the facts and rights of the case as intended.

The Engineer submitted plan of land to be taken and the following report was ordered sent to the Council, to-wit:

To the Common Council of the City of St. Paul:

The Board of Public Works have had under consideration the resolution or order of the Common Council, approved Oct. 22, 1885, relative to the opening and extension of Sixth street, 60 feet wide, from College Avenue to Summit Avenue, and having investigated the proposed improvement, respectfully report that said improvement is necessary and proper; that the estimated expense thereof is $18,000; that real estate to be assessed therefor can be found benefited to the extent of the damages, costs and expenses necessary to be incurred thereby; that said improvement is not asked for by a petition of a majority of the owners of property to be assessed therefor, but we herewith send a plan or profile of said improvement, and an order for your adoption, if you desire us to make the improvement. Yeas 4, nays 1.

The Engineer submitted plan of land to be taken from the opening, widening and extension of Kent, Mackubin and Arundel streets, from Minnehaha street to the right of way of the St. Paul, Minneapolis & Manitoba railway, and the same was referred to the Committee of Assessment.

The Engineer submitted plans and specifications for grading St. Clair street, from Ann street to Lexington Avenue, and Reaney street from Payne Avenue east to Seventh street, which were examined and approved and the Clerk was directed to advertise for bids.

The Engineer submitted list of property in front of which wooden sidewalks have been constructed, relaid and repaired under contract of George W. Reese (Estimate No. 5,) for term beginning April 1, 1885, and ending Nov. 1, 1885, which was referred to the Clerk to procure abstract of owner's names, description of property and to give the first assessment notice.

In the matter of the construction, relaying and repairing of wooden sidewalks on the west side of Mississippi street, under contract of George W. Reese (Estimate No. 4), for term beginning April 1, 1885, and ending Nov. 1, 1885, the assessment against lots 2 and 3, block 8, Rice's Second Addition to St. Paul (M. Mulcare supposed owner), was ordered abated, so as to conform to the facts and rights of the case as intended.

It having been made to appear to the Board that an error has been made in the assessment for the construction of a sewer on College Avenue, between Cedar and Wabasha streets, as to the following described property, to-wit: Commencing at a point on north line of College Avenue on the line between Randall's and Bazille's Additions; thence westerly along the northerly line of College Avenue 72 feet; thence northerly parallel with a line between Randall's and Bazille's Additions 144 feet; thence easterly parallel to first mentioned line 72 feet; thence southerly 144 feet to beginning (except Cedar street), being in St. Paul, Minnesota (Jacob Stolz, supposed owner), the same was ordered corrected by reducing the amount assessed against said property $20.15, so as to conform to the facts and rights of the case as intended.

The Council returned approved the awards of the Board of Public Works to James McDonald for grading, curbing and guttering Willius street, from Ninth street to Grove street; to William Stockton and John Lindquist for the construction of a sewer on Wacouta street, from Third street to Fourth street; to Henry B. Willis for grading Van Buren street, from Como Avenue to Victoria street; to Patrick H. Thornton for curbing Olive street, from Seventh street to Grove street, and to Beyer & Lux for grading Point Douglas street, from Maple street to Earl street, and the same were referred to the City Attorney to draw contracts and President of Board to execute.

Resolution of Council authorizing William F. Davidson to lay a steam-heating pipe across Fourth street, on the east side of Cedar street, from the Union block to the club house, providing the same is done under the direction of the Board of Public Works. Referred to Engineer to carry out.

Order of Council to Board referring the claims of Robinson & Cary and the Scribner Roofing and Cornice Company for damages to their property by reason of a change of grade on Third street and the building of the proposed bridge over the railroad tracks on said street. Referred to the City Attorney.

Order of Council to Board for formal report on opening and extending Robert street sixty feet wide in a direct line from its intersection with Jackson street to the south end of Fairview street. Referred to Engineer for plan of land to be taken.

Order of Council to Board for formal report on a change of grade and surface of Beaumont street, from Bedford street to Decatur street. Referred to Engineer for profile.

Orders of Council to Board for formal report on grading Olive street, from Grove street to Pennsylvania Avenue, including the necessary guttering, curbing and macadamizing; also on grading (and guttering where required) Virginia Avenue, from Nelson Avenue north to Como Avenue, and Front street, from Rice street west to Lexington Avenue. Referred to Engineer for plan and estimate of cost.

Order of Council to Board to condemn land and assess benefits and damages for the construction of slopes for cuts and fills on both sides of Hennepin Avenue, from Dale street to Victoria street. Referred to Committee on Assessments.

Orders of Council to Board to let by contract the construction of a sewer on Iglehart street, from a point 200 feet west of Arundel street to Mackubin street, and on Aurora Avenue, from Robert street to the west line of lot 8, block 2, Lambert & Co.'s Addition to St. Paul. Referred to Engineer for plans and specifications.

Orders of Council to Board to build a sidewalk on the west side of Park Avenue, from University Avenue to Viola street; on the south side of Marshall Avenue, from St. Albans street to Dale street; on the north side of Portland Avenue, from Dale street to Avon street, with the necessary crosswalks across the intervening streets, and on the south side of Portland Avenue eight feet wide, from Dale street to St. Albans street. Referred to Engineer to carry out.

Orders of Council to Board to build a crosswalk across Wilkin street, at Elm street; on the west side of Cedar street, across Thirteenth street; on south side of Thirteenth street, across Robert street; on east side of Rice street; at the corner of Bluff street, across Dale street, on the south side of Laurel Avenue; on north and south sides of Jessamine street, across Greenbrier Avenue; on the north side of Lawson and York streets, across Greenbrier Avenue, and on north side of Sherburne Avenue, across Robert street. Referred to the Engineer to carry out.

Pursuant to due notice the matter of the opening and extension of an alley through the center of block 5, Robert & Randall's Addition, from Minnesota street to Cedar street, was taken up, and after hearing at length all persons present interested, the same was laid over for further consideration.

Pursuant to due notice the matter of making and completing the assessment for the condemnation and taking for a public park (Madison Place, so called) bounded by St. Peter, Martin and Bluff streets, came up, and, after hearing at length all persons present interested, the same was adjourned to the 23d inst. at 2 p. m.

Pursuant to due notice the matter of making and completing the assessment for the opening and extension of an alley in block 18, Rice & Irvine's Addition, from Washington street to Market street, came up, and the same was adjourned to the 23d inst. at 2 p. m.

Pursuant to due notice the matter of making and completing the assessment for the opening, widening and extension of Front street, from Rice street to Snelling Avenue, came up and after hearing A. G. Postlethwaite, Comptroller of the St. Paul & Northern Pacific Railroad, all proceedings in said matter were annulled and it was ordered that the Council be asked for a new preliminary order for the opening, widening and extension of said Front street, from Rice street to Lexington Avenue.

Pursuant to due notice the matter of making and completing the assessment for the opening, widening and extension of Thomas street, from Western Avenue to Como Avenue, came up, and the same was duly completed and the Clerk directed to give the confirmation notice.

Pursuant to due notice the matter of the confirmation of the assessment for grading La Fond street, from R'ce street to Victoria street, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading Forest street, from Case street to Maryland street, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading Margaret street, from Arcade street easterly to the city limits, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading Kent street, from Marshall Avenue to Iglehart street, and from Carroll street to University Avenue, came up, and after due consideration all notices heretofore given were annulled, and the Clerk was directed to give a new first assessment notice on the property on the line of said Kent street, from Marshall Avenue to University Avenue.

Pursuant to due notice the matter of the confirmation of the assessment for grading alley in block 2, Hill's Addition to St. Paul, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading Duke street, from Randolph street to Goodrich Avenue, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for the construction of a sewer on Collins street, from Burr street to Bedford street, and on Bedford street, from Decatur street to North street, thence on North street to Bradley street, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for a change of grade on Acker street, from Mississippi street to Buffalo street, came up, when the assessment against lot 26, block 7, Edmund Rice's Second Addition to St. Paul (Fred Lambrecht supposed owner), was corrected by increasing the amount of damages awarded from $90 to $298, so as to conform to the facts and rights of the case as intended, and after hearing the objections of S. L. Pierce, Esq., attorney for H. Retzman, and of other persons present interested, the same was adjourned to the 16th inst. at 2 p. m.

Pursuant to due notice the matter of the confirmation of the assessment for grading Warsaw street, from Stewart Avenue to Grace street, came up, and the same was duly confirmed, except as to lots 1, 2 and 3, block 8, and lots 13, 14 and 15, block 6, all in Finch's Addition to St. Paul, and the Clerk was directed to give the correction notice as to said lots.

Adjourned.

WILLIAM BARRETT, President.
R. L. GORMAN, Clerk Board Public Works.

Regular Meeting.

ST. PAUL, Nov. 16, 1885.

Board met at 2 p. m.

Present: Messrs. Becker, Hoyt, Koch, Peters and Quinby.

Absent: Mr. President (excused).

On motion Mr. Hoyt took the chair.

Reading the minutes of the 9th inst. dispensed with.

A communication was received from John Kelliher asking for a reconsideration of the report in the matter of opening Sixth street, from College Avenue to Summit Avenue. Considered and placed on file.

Sarah J. Brown, by her attorney, Harvey Officer, Esq., presented a petition asking for a correction in the matter of the assessment for paving Robert street, from Third to Seventh street, as to the description of and the amount assessed against north 45 ft of lots 16 and 15, and south 1 ft of lots 1 and 2, in block 25, St. Paul Proper, whereupon, on motion, the same was corrected so as to conform to the facts and rights of the case as intended and so as to read as follows, to-wit:

Sarah J Brown, N 50 ft of lots 16 and 15, block 25, St Paul Proper; Same, S 1 ft of lots 1 and 2, block 25, St Paul Proper	$358 10

The Northern Pacific Railroad Company tendered a check for $500 in lieu of the assessment against their property for the sewer on Fourth street, which was accepted.

Otto Luserka and Ottilia Pasel presented written objections to the confirmation of the assessment for grading Maple street. Considered and placed on file.

Bids were opened and read for the construction of a sewer on Broadway, from Fourteenth street to Fifteenth street, as follows, to-wit:

William Stockton and John Lindquist	$649 00
Bubar and White	675 00

William Stockton and John Lindquist being the lowest reliable and responsible bidders, the contract was awarded to them and ordered sent to the Council for approval. Yeas 5, nays 0.

In the matter of the bids opened and read on the 9th inst. for grading Acker street, from Mississippi street to Sylvan street, and Jackson street, from Benton street to Sycamore street, with stone curbs and gutters on Acker street, from Mississippi street to Jackson street, and on Jackson street, from Acker street to Sycamore street, which were laid over to this day. The same were taken up, and Michael O'Toole being the lowest reliable and responsible bidder, the contract was awarded to him for $12,050, and ordered sent to the Council for approval. Yeas 5, nays 0.

In the matter of the bids opened and read on the 2d inst., for grading and guttering Alice street, from Ohio street to Cherokee Avenue, and around Alice Park, the consideration of which was adjourned to this day, the same was, at the request of the Sixth ward members, laid over to the 23d inst. at 2 p. m.

The Engineer reported that the frontage of lot 1, block 10, Warren & Winslow's Addition to St. Paul, is about fifteen feet on De Soto street, and that a three-plank walk has been built in front of said lot on said street. Report accepted, and on motion the request of Theodore Engelbrecht for an abatement of the assessment against said property, for the reason that no walk has been laid, was denied.

The Engineer returned the claim of Daniel Mullen in the matter of his contract for grading University Avenue, from Rice street to Lexington Avenue, with the report that there is due the contractor $97.13 in case he has not received his final estimate for said grading. Report accepted and laid over to the 23d inst.

It having been made to appear to the Board that an error has been made in the assessment against south ½ of lots 1, 2 and 3, block 18, St. Paul Proper (Frank A. Seymour supposed owner), for paving Robert street, from Third street to Seventh street, the same was corrected by reducing the amount assessed against said property $21, so as to conform to the facts and rights of the case as intended.

In the matter of the construction of a sewer on Seventh street, from Maple street to Hoffman Avenue; thence on Hoffman Avenue, from Seventh street to Third street; thence on Third street from Hoffman Avenue to Canal street, the assessment against the following described property was reduced so as to read as follows, to-wit:

Munch's Subdivision of Block 15, Lyman Dayton's Addition to St. Paul.

Supposed owner and description.	Lot.	Block.	Benefits
Wm O'Connor	1	15	$52 50
Same	2	15	52 50
Same	3	15	52 50
J H Schurmeier	4	15	52 50
Same	5	15	52 50
H A Brenhoff	6	15	52 50
R W Essery	7	15	52 50
I M Essery	8	15	56 00
R Gluck, N'ly 40 ft of	9, 10&11	15	52 50

So as to conform to the facts and rights of the case as intended.

On motion it was ordered that the Council be asked to annul all proceedings in the matter of the opening, widening and extension of Magnolia and Cook streets, respectively, from De Soto street to Mississippi street, the land necessary for said improvements having been donated by the owners.

Pursuant to due notice and the adjournments thereunder the matter of making and completing the assessment for the opening, widening and extension of Magnolia street, from De Soto street to Mississippi street, came up, and the same was adjourned to Dec. 14, 1885, at 2 p. m.

Pursuant to due notice and the adjournments thereunder the matter of making and completing the assessment for the opening, widening and extension of Hoffman Avenue, from Short street to Lizzie street, came up, and, after hearing all persons present interested, the same was duly completed and the Clerk was directed to give the confirmation notice.

Pursuant to due notice and the adjournments thereunder the matter of making and completing the assessment for the opening and extension of Mohawk Avenue, between Page street and Cherokee Avenue, came up, and the same was adjourned to Jan. 11, 1886.

Pursuant to due notice the matter of making and completing the assessment for a change of grade on State street, from Susan street to a point half way between Wright and Champlain streets, came up, and the same was adjourned to the 30th inst. at 2 p. m.

Pursuant to due notice and the adjournments thereunder the matter of making and completing the assessment for the opening, widening and extension of Josette street, from Martin street to Fuller street, came up, and the same was adjourned to the 23d inst. at 2 p. m. and referred to the Fourth ward member.

Pursuant to due notice the matter of the confirmation of the assessment for the construction of a sewer on Garfield street, from Goodrich Avenue to Pleasat Avenue; Lisbon street, from Douglas street to Pleasant Avenue, and on Prairie street, from Western Avenue to Douglas street, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading Tuscarora street, from Warsaw street to Milton street, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading and guttering Olive street, from Seventh street to Grove street, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading Maple street, from East Seventh street to Hastings Avenue, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading State street, from Susan street to an intersection with Oakdale Avenue, came up, and the same was duly confirmed.

Pursuant to due notice the matter of the confirmation of the assessment for grading Hamilton street, from Drake street to West Seventh street, came up, and the same was duly confirmed.

Pursuant to due notice and the adjournment thereunder the matter of the confirmation of the assessment for a change of grade on Acker street, from Mississippi street to a point sixty feet west of Buffalo street, came up, and after omitting the assessment against all lots west of lot 14, block 5, and all lots west of lot 18, block 8, in Edmund Rice's Second Addition to St. Paul, and correcting the assessment against the following described property by increasing the amount of damages, so as to read:

Edmund Rice's Second Addition to St. Paul.

Supposed owner and description	Lot.	Block.	Benefits.	Damages.	Balance.
H Retzmann	29	7	$110 00	$40 00	$70 00
F Lambrecht	26	7	35 00	298 00	263 00
O N Heath	25	7	50 00	375 00	325 00

So as to conform to the facts and rights of the case as intended, the same was duly confirmed.

The following estimates and bills were examined and allowed, to-wit:

Estimate No. 1 and final, Tilton street sewer (Wabasha to St. Peter street), Bubar & White, contractors, amount due $550.

Estimate No. 3, Payne Avenue grading (Magnolia to Maryland street), P. H. Thornton, contractor, amount due $439.45.

Estimate No. 3, Earl street grading (Seventh to Beech street), H. B. Willis, contractor, amount due $395.25.

Estimate No. 1, Margaret street grading (Arcade street to east city limits), G. F. Moss, contractor, amount due $4,250.

Estimate No. 4, Fillmore Avenue grading (State street to levee), Christensen & Erdman, contractors, amount due $1,054.

Estimate No. 2, Portland Avenue grading (Dale to Victoria street), Elmer & Morrison, contractors, amount due $1,275.

Estimate No. 3, Hennepin Avenue grading (Dale to Victoria street), H. B. Willis, contractor, amount due $85.

Estimate No. 1, Kent street grading (Marshall Avenue to Iglehart street and Carroll street to University Avenue), Bahr & Paegel, contractors, amount due $1,190.

Estimate No. 3, Sixth street paving (Wabasha street to Broadway), A. Jaicks, contractor, amount due $425.

Estimate No. 2, Mississippi street bridge, Keepers & Reddell, contractors, amount due $5,695.

Estimate No. 1, Division street grading (Dale street to Victoria street), Faber & Knapp, contractors, amount due $935.

Estimate No. 1, Warsaw street grading, (Stewart Avenue to Grace street), P. H. Thornton, contractor, amount due $510.

Estimate No. 2, Holly Avenue grading, (Dale to Victoria street), Faber & Knapp, contractors, amount due $807.50

Estimate No. 1, Grove street grading, (Broadway to Neill street), William Forristal, contractor, amount due $2,805.

Estimate No. 3, Reaney street grading, (Seventh to Frank street), T. D. McCarthy, contractor, amount due $374.

Estimate No. 1, State street grading (Oakdale to Susan street), Tipler & Tracy contractors, amount due $765.

Estimate No. 1, Pleasant Avenue grading (Ramsey street to Chicago, Milwaukee & St. Paul railroad), C. Wanzer, contractor, amount due $765.

Estimate No. 1, Prior Avenue grading (Marshall to St. Anthony Avenue), T. Keough, contractor, amount due $425.

Estimate No. 1, St. Anthony Avenue grading (Albion to Marion Avenue), T. Keough, contractor, amount due $1,275.

Estimate No. 4, Oak street grading (Third to Ramsey street), G. A. Moran, contractor, amount due $3,145.

Estimate No. 4, Oakland street improvement (Ramsey street to Summit Avenue), G. A. Moran, contractor, amount due $11,050.

Estimate No. 2, Seventh street, Hoffman Avenue and Third street sewer, William Forrestal, contractor, amount due $2,720.

Estimate No. 1, Hamilton street grading, (Drake to Seventh street), P. H. Thornton, contractor, amount due $840.

Estimate No. 2, Bay street grading (Stewart Avenue to Grace street), P. H. Thornton, contractor, amount due $595.

Estimate No. 1, Duke street grading (Randolph street to Goodrich Avenue), P. Tantholt, contractor, amount due $595.

Estimate No. 3, Armstrong street grading (Seventh street to Drake street), P. Tantholt, contractor, amount due $281.35.

Estimate No. 1, Forest street grading (Case to Maryland street), J. T. Million, contractor, amount due $1,700.

Estimate No. 3, stone sidewalks, Lauer Bros., contractors, amount due $3,178.71.

Estimate No. 6, Goodrich Avenue, Oakland and Dale street sewer system, J. W. Doherty, contractor, amount due $765.

Estimate No. 2, Sixth ward sewers, William Forristal, contractor, amount due $357.

Estimate No. 2, La Fond street grading (Rice to Victoria street), J. Steinkamp, contractor, amount due $1,105.

Estimate No. 3, Hague Avenue grading, (Dale to Victoria street), Bahr & Paegel, contractors, amount due $1,190.

Estimate No. 1, Collins, Bedford and North street sewers, J. W. Doherty, contractor, amount due $1,700.

Estimate No. 1, Wabasha street sewer (Tilton street to University Avenue), J. J. Palmer, contractor, amount due $2,125.

Estimate No. 1, alley in block 27, Kittson's Addition, grading, W. G. Mulligan, contractor, amount due $119.

Estimate No. 1, Grant street grading (Aurora Avenue to University Avenue), James McDonald, contractor, amount due $510.

Estimate No. 1, grading alley in block 11, Rondo's Addition, W. G. Mulligan, contractor, amount due $127.50.

Estimate No. 1, grading alley in block 2, Hill's Addition, C. F. Huebner, contractor, amount due $416.50.

Estimate No. 3 and final, Selby Avenue grading (Dale to Victoria street), Faber & Knapp, contractors, amount due $174.30.

Estimate No. 3 and final, Mississippi street iron bridge, Keepers & Riddell, contractors, amount due $3,518.84.

Estimate No. 3 and final, Jessamine street grading (Forest to Edgerton street), J. F. Million, contractor, amount due $227.40.

Estimate No. 3 and final, Seventh street, Hoffman Avenue and Third street sewer, William Forristal, contractor, amount due $1,425.32.

Estimate No. 4 and final, Lincoln Avenue grading (Oakland to Victoria street), Faber & Knapp contractors, amount due $440.

Estimate No. 2 and final, Iglehart street sewer (Arundel street to 200 feet west), P. Doherty, contractor, amount due $43.

Estimate No. 3 and final, Robert street paving (Third to Seventh street), Twin City Improvement Company, amount due $3,013.80.

Estimate N. 2 and final, grading alley in block 11, Rondo's Addition, W. G. Mulligan, contractor, amount due $22.50.

Estimate No. 2 and final, Seventh street sprinkling (St. Peter street to Seven Corners), J. G. Hinkel, contractor, amount due $407.77.

Estimate No. 5 and final, Fifth and Market street sprinkling, Forristal Bros., contractors, amount due $55.40.

Estimate No. 5 and final, Summit Avenue sprinkling (Rice street to Dayton Avenue), Forristal Bros., contractors, amount due $100.48.

Estimate No. 5 and final, Third street sprinkling (Pleasant to Summit Avenue), Forristal Bros., contractors, amount due $73.79.

Estimate No. 5 and final, Dayton Avenue sprinkling (Summit Avenue to Arundel street), Forristal Bros., contractors, amount due $212.60.

Estimate No. 4 and final, Pleasant Avenue sprinkling (Sixth street to Ramsey street), C. Bahr, contractor, amount due $195 20.

Estimate No. 5 and final, Summit Avenue sprinkling (Third to Oakland street), C. Bahr, contractor, amount due $284.80.

Bill of Wykoff, Seaman & Benedict of $1.30, ribbon and carbon, Oct. 10, 1885.

Bill of John Duffy of $24, catchbasin covers, Oct. 16, 1885.

Bill of Minneapolis & St. Louis Railway Company of $10.50, freight on brick, Oct.