CONSTRUCTION OF PUBLIC ROADS.

JNO. W. HAYES.

News and Observer.

It may be assumed that all road work now being contemplated in North Carolina will be executed by convict labor, and it is safe to base estimates of cost upon this premise. The greatest economy has been found in convict gangs of about fifty, say from forty to sixty. Certain fixed expenses are incidental to each gang and where the number is small cost per head increases. But with the economical number of fifty men cost in North Carolina for feeding and guarding ranges from 25c. to 30c. per day per man. This cost will vary under exceptional conditions, running as low as 15c. and as high as 40c. With labor costing from 25c. to 30c. per day, road work may be estimated to cost as follows.

Grading.

This item may vary within wide limits, depending upon the character of the country, the care with which locations shall have been made and the gradients adopted. But a safe estimate is that it will rarely be less than $500 per mile in the eastern counties and rarely more than $2,500 per mile in the middle counties. When the hill country of the western counties shall be reached, grading may cost anything you please. In the smooth, loamy sections of the eastern counties grading may run as low as $200 per mile, but it will not be safe to make estimate upon this basis. About $1,500 per mile is a reasonable estimate for grading a thirty-foot road in the counties with the best appliances available. These figures will also include sand-clay surfacing, if material be conveniently near.

Crushed Stone.

This item likewise varies widely with proximity and character of stone. In some sections of the State field stone are used, gathered from the road side and open fields. I bought these delivered to the crusher with a mile haul for 50 cent per cubic yard.

If stone is to be quarried it will cost under best conditions about 30c per yard, of which 10c. will be for convict labor and 20c. for supplies. It will cost higher if the quarry be poor face or require stripping. Probably 40c per cubic yard, measured loose, is a safe figure as quarries run, with some chance of reducing to 25c. or 30c. Stone moved out of the quarry and run through the mill will cost 10c. and by the time it shall be moved and spread on the road 50c. will be a cheap figure, even with convict labor.

One mile of road having stone spread ten feet wide will require 1,250 cubic yards approximately measured loose, costing at 50c., $625 per mile for stone surfacing exclusive of rolling. So that stone may be expected to cost not less than $500 per mile under the most favorable conditions and should not exceed $1,000 per mile under any ordinary conditions. These figures varying with proximity of material, character of quarry and number of convicts worked in gang.

Considering the two items of grading and surfacing together, we find that a road graded 30 feet wide and metalled 10 feet wide and 6 inches deep may cost as little as $1,000 per mile of finished road if the work shall have been executed under the most favorable conditions, but run as high as $3,500 under unfavorable conditions. These figures applying to the middle and eastern counties.

Summary of foregoing discussion:

Do not lay out more road work than can be well built with money available.

For heavy country traffic use crushed stone.

For light country traffic clay sand will give satisfactory results.

Get thoroughly organized for the work.

Three rules must be observed:

1. Best location possible.
2. Thorough drainage.
3. Surface with best material available, applied in workmanlike manner.

If these precepts shall be followed the results will be good: if disregarded there will sooner or later be disappointment.

Cost of outfit: Including 12 mule teams, bump wagon scrapers, slips cart, plow, road machine, steam roller, sprinkling wagon, tank and pump harness and gears, stone mill with engine and screen, stone hammers, picks, shovels, etc., about $15,000.

Whether road shall be sand-clay or crushed stone both should be located and graded alike. Road of 3 per cent will frequently be practicable and 5 per cent should be extreme limit in the middle counties.

The total cost of these roads built with convict labor will vary—for sand-clay, from $500 to $2,500; for macadam, from $1,000 to $3,500 per mile. Grading is the largest factor in cost of this work, varying with character of soil and topography.

When the Children come home from School—

They usually want something from the pantry

You remember the hunger you had—Home cooking counts for much in the child's health; do not imperil it with *alum* food by the use of poor baking powder.

Have a delicious, pure, home-made muffin, cake or biscuit ready when they come in. To be sure of the purity, you must use

ROYAL BAKING POWDER

Royal makes a difference in your home—a difference in your health—a difference in your cooking.

ROYAL is absolutely Pure.

Beauty Hints

To reduce your flesh, increase your troubles.

To develop a bust, get on the wrong side of the market.

To remove freckles, pry them gently out with a nut pick. Should this fail, try blasting.

Brilliancy may be imparted to the complexion by powdering with diamond dust.

Hair on the lips may sometimes be avoided by requiring the young man to shave before calling

There are various ways of removing blackheads; in the South lynching is much in vogue.

Nails which do not yield readily to manicure may be driven in with a hammer

For developing the grace and beauty of the fingers nothing is equal to piano exercises, provided police protection be available.

When "crow's-feet" will not yield to massage, fill them suddenly with cement and smooth quickly with a trowel.

Falling hair may be avoided by stepping nimbly aside whenever you see it coming your way.

The "drooping lash," so much affected by some, may be encouraged by sitting up late o' nights.

—Thomas Speed Mosby in The Bohemian for April.

Nuggets from "Success Magazine"

From "Success Magazine" for April, 1907

The sun never sees the dark side of anything.

Books are lighthouses erected on great sea of time.

He who estimates his money the highest values him the least.

Every time you get mad and break loose there is a circus and you its clown.

Live, laugh and love. There'll come a time when you can't.

If college life did nothing else but to show the students that there is something better in life than mere money making, than the pursuit of a sordid aim and piling up of dollars, it would just fy its existence a thousand times over.

"Sculpture is the simplest thing in the world," says a rustic; "all you have to do is take a big chunk of marble and a hammer and chisel, make up your mind what you are about to create, and then chip off all the marble you don't want.

The Largest Number of Immigrants in a Single Day.

New York Dispatch, 2d.

All records for the number of immigrants arriving at the port of New York in a single day were broken in the 24 hours ending at 8 o'clock tonight. By that hour 14 steamships had brought into the harbor since 8 o'clock last night 20,729 immigrants from nearly every section of the civilized world. This exceeds by fully 5,000 the largest number of immigrants ever landed here in a single day.

[illegible] Standard Drug Co. [illegible]

N. C. AT THE EXPOSITION.

Commissioner Pogue Is Getting All the State's Exhibits in Shape.

The North Carolina building at the Jamestown Exposition will be turned over to the commission on May 25. It is not yet decided whether there will be dedicatory cermonies The building will be turned over to Governor and Mrs Glenn entirely during North Carolina week, August 10th to 15th, and on the 15th, North Carolina Day, there will be a general reception. One hundred and eighty North Carolina cotton mills unite in making an exhibit at Jamestown and over 50 funiture factories. Mrs. George Vanderbilt [illegible] furnishes one room in the N[illegible] Carolina building and has [illegible] handsomely panelled in [illegible] her own expense. All the furniture in this room will be from the Biltmore Industrial School. Commissioner General Pouge says she is showing great interest in the room.

ATTENTION—We will pay spot cash for your hickory timber at from $7.00 to $12.00 per. cord, according to grade. We want it in 26, 30 and 36 inch. lengths. We will also buy your white oak in 26 and 30 inch. lengths and pay you the top of the market prices.

Asheboro Wheelbarrow & Mfg. Co

It's too bad to see people who go from day to day suffering from jaded weakness when Hollister's Rocky Mountain Tea would make them well. The greatest tonic known. 50 cents. Tea or Tablets.
—Standard Drug Co.

The Randleman Textile Band has purchased new uniforms. It is one of the best bands in this section of the country.

Lumber Company's Big Deal.

The Giant Lumber Company, of Lenoir, has bought from Mr. C. B. Finley, of Wilkesboro, 10,000 acres of fine timber land, lying on Reddies' river, at the foot of the Blue Ridge and in the coves of the mountains. The lumber company will construct a flume from the railroad at North Wilkesboro up Reddies' river through this fine timber at a cost of over $30,000, and when the lumber is sawed at the mill it will be flumed to the railroad in the flume, a line of it for a distance of 18 miles, and will also put in this much now and more later in a lumber yard, planing mill, box factories, etc.

When your food has not been properly digested the entire system is impaired to the same proportion. Your stomach needs help. Kodol for Indigestion and Dyspepsia not only digests what you eat, but gives the stomach and digestive organs to the whole body. Makes rich, pure blood. Kodol conforms to the National Pure Food and Drug Law. Sold by Standard Drug Co. and Asheboro Drug Co.

For a cold or a cough use Kennedy's Laxative Cough Syrup. It is BETTER than any other cough remedy because its laxative principle assures a healthy, regular action of the bowels and at the same time heals irritation of the throat, strengthens the bronchial tubes and allays inflammation of the mucous membrane. Contains Honey and Tar pleasant to take. Children like it. Conforms to the National Pure Food and Drug Law. Sold by Standard Drug Co. and Asheboro Drug Co.

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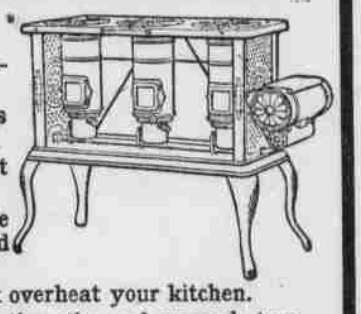

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Made in three sizes and fully warranted.

The **Rayo Lamp** cannot be equaled for its bright and steady light, simple construction and absolute safety. Equipped with latest improved burner. Made of brass throughout and beautifully nickeled. An ornament to any room, whether library, dining-room, parlor or bedroom. Every lamp warranted. Write to our nearest agency if not at your dealer's.

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We have them in all styles and at all prices and they are sure to please.

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Dining Room Sets

Chairs, center tables, buffets, china closets, etc., and the very latest patterns are shown.

Our silver hollow ware and fine china can't be duplicated in the State. A large line of ranges on hand. $1,000 worth of lace curtains to close out at cost. If its anything you want in the house furnishing and kindred lines you can find it at our store.

Notice—We will pay fare both ways and deliver your goods free of charge on a purchase of $100. or over and deliver your goods and pay fare one way on amounts of $25.00 and up to $100. This means from Asheboro or any point along the line to High Point.

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