AMOUNT OF WORK ON LINCOLN ROAD

Great Highway Is Rapidly Assuming Form as the Backbone of a National System.

All America is interested in the Lincoln Highway. This great road, told out and proclaimed as a memorial to Lincoln by the Lincoln Highway association in 1913 as the first great highway of national importance, has come to be looked upon as America's "object lesson road." It has come to be, through the comhas come to be, through the commanding importance of its stragetic location, the main line or backbone of a gradually developing national system of highways.

Every American interested in the great constructive accomplishments of the nation will be interested to learn that the year 1919, following so closely upon the heels of war, witnessed the greatest constructive development on the Lincoln High-way ever accomplished in a single

As the United States office of public roads has announced, every or ganization in the country having any part in highway improvement can icel a large measure of satisfaction in the fact that road building was er way promptly following the war, which opened a large field for unemployed labor and which offered a market for construction material.

War Booms Road Building.

The war gave a tremendous impe tus to highway construction, as its lessons had a highly beneficial effect upon public opinion, with the result that there was almost a universal demand for proper permanent high-way improvement in every part of the country as soon as the war

country was greatly curtailed and came almost to a stop in 1918, with a result that road conditions had become very bad even on the most imney knows the latest—the very latportant main highways in every section of the country, while highway funds had continued to pile up in the treasuries of the various counties ing beneath a mighty fire engine to and states and were available for the undertaking of great construction projects early in 1919. In many states large bond issues for highway construction had been passed during the war with the provision that the bonds should be sold and the work started after the war.

Greater Plans for 1920.

will doubtless be looked upon as the ing not so much salesmanship as a real start of what will later probably thorough knowledge of her "goods." be considered as the era of American Two 1,000-gallon combination highway building. While it cannot pumping engines and hose cars, two be said that 1919 marked the climax 800-gallon engines of the same type of Lincoln Highway activity, in view and an aerial ladder truck, com-of the fact that plans for 1920 indicate even greater accomplishments. nevertheless the year's developments officials of a municipality I can talk until some other time."

The actual improvement accom-plished on the Lincoln Highway in 1919 bids fair to equal the combined work of the previous five years, durng which the Lincoln Highway association was actively promoting the

The Lincoln Highway associa-tion's headquarters has completed a careful compilation of expenditures upon its improvement during the last year by the various states and counties through which the highway passes. In the majority of states federal aid has largely augmented the state and county funds, the route having been established as a federal indicate the improved directly unid road to be improved directly under the inspection of the government for more than three-quarters of its tota! distance between New York and San Francisco.

\$22,362,472 in Six Years. Yearly expenditures on the Lin-coln Highway have been as follows

Something less than 1,000 miles of Lincoln highway still remains to be improved properly to an adequate standard, but for long sections the improvement has already been fi-nanced, or is about to be financed, and the construction is only a quesand the construction is only a ques-tion of the time needed to accom-plish the work. The Lincoln high-way has become the best known road in the world and is becom-ing yearly a more and more ade-quate memorial to the great man

whose name it bears.

Emulation of the association's tactics and principles has been undertaken by other organizations in every part of the country. Thousands of miles of other main line interstate routes have been established and are being signroused by promoted by are being vigorously promoted by highway organizations modeled af-ter the Lincoln Highway association. Moreover, all these organizations.

Moreover, all these organizations combined with the other powerful groups such as the United States Chamber of Commerce, the Highway Industries association, the American Society of State Highway way Industries association, the American Society of State Highway Officials, etc., are working to mold public opinion behind a final adequate federal measure now pending before congress which strikes at the root of all American highway difficulties and aims at presenting the nation, not in some other generation but in the immediate future, with an adequate system of federally conadequate system of federally constructed and federally maintained main line routes to which the state and county systems would connect.

Exhaust Valve Springs

Must Be Looked After If the springs of the exhaust valves become weak from use or heat the pistons will draw burnt e, giving an improper mixture valve springs should be tested ionally to see if they are of ful

exported to

his "Fire Engine Girl" Knows Her Job; RATIO OF WEIGHT She Can Sell Her Apparatus---And Fix It TO HORSEPOWER YEAR SEES VAST This "Fire Engine Girl" Knows Her Job;



The latest thing Miss Courtney

has accomplished is the sale of some

\$70,000 worth of fire-fighting ma-chinery to the City of Seattle-sold

against the keenest of competition

Most Men Prefer Brevity. Miss Courtney can discuss the technical points of an automobile motor as freely as the manufacturer or engineer who designed it. She rrom radiator cap to tail light; from a result of all conditions 1919 by other manufacturers and requir-doubtless be looked upon as the ing not so much salesmanship as a ignition system, the transmission. ignition system, the transmission, the differential, the clutches, etc. And she can hold her listener's attention, with this knowledge, she has learned a secret which many ject."
would give much to absorb. That is: Miss Courtney has been selling

whimsical smile of firemen and let em think it over."

Board of Public Works, the city purchasing agent and the fire chief and delivered an address of minutes In that time she took them over the combination pumping and hose card admitted "that girl knows her sub-

"Know when you have become fire fighting machines only since "Once I can get an audience with boresome and close the interview January 1, 1918. Prior to that time she had taken a stenographic posialong the Lincoln way are an excellent barometer of the highway sittation in this country generally.

The actual improvement accome.

The actual improvement accome. typist desk, she walked 15 blocks to when I approach them for the first time. From then on I am treated as have absolute confidence that the chanics and enrolled. Then she any man would be treated, for if machine I was selling was the best asked her "boss" for the "privilege"



WHILE the complete provisions that have been made in the new Oakland Sensible Six four door Sedan for cold weather comfort have a most timely appeal, the car will give utmost satisfaction in the months of fair weather to come. All four door windows, for example, can be lowered by means of regulators, and the exhaust heater is disconnected when days are warm. Excess weight, too, has been scientifically eliminated so that the Sedan has quite the freedom and range of performance common to an open car. During the Automobile Show this handsome, roomy Sedan, distinguished by appointments to be found only in cars of much higher price, is on view, with other Oakland models.

Model 34-C: Touring Car, \$1165; Roadster, \$1165; Four Door Sedan, \$1825. Coupe, \$1825, F.O.B. Pontiac, Mich. Additional for Wire Wheel Equipment, \$81

Oakland Motor Car Co.

IS HARD PROBLEM

Maibohm Engine Develops strength, speed and roadability, spring suspension and weight bal-1 Horsepower to Every 51 Pounds in The Car.

For every 51 pounds resting on the tires of the Maibohm phaeton

of working three or four hours a day in the shipping department.

There, she explains, she could better learn the various parts of a fire engine. Each time an order came in for shipment she personally got it from its storeroom, examined it and manbohm has been trimmed, demon-

erence book and learned its purpose. Large cities are not buying firefighting machinery every day, so between the big orders she packs her to know the "fire-engine girl," and more than one fire chief writes in sometimes to ask her a technical ing principles."

insurance companies for fire preven-tion. She will devote much of her time to spreading fire-prevention propaganda and she knows the details of fighting fire.

"I may do that, too—for it would be fures suffer considerably in open ognized universally and incorpor-mighty interesting and exciting." cars. open ognized universally and incorpor-ated in practically all improved ations in Ironwood, Mich.

the Maibohm engine develops one horse-power. These figures, along with many others, were recently given by John M. Robbins of the Robbins Motor company, Maibohm

distributors here.
"This ratio of, weight to horsepower," he points out, "forms one
of the biggest problems which automotive engineers must face. They find themselves making an eternal compromise between lightness and some automobile users lean strongly to one side. Just as many lean strongly to the other.

"Maibohm, since the first car was rolled out of the factory, has sought

to strike a balance between these two extremes. That they have sucnumerous orders coming in from

packed it. And if by chance she strates how effective this engineer-didn't know just how it fitted in the main engine she took down her refaccounts for 425 pounds.

grip and goes on the road. Smaller tests are being conducted contin-cities of the northwest are beginning uously at the Maibohm factory in Sandusky, O., with a view to carry-ing out still further these engineer-"Cole

She works hand in hand with fire Japs Like Closed Cars.

ails of fighting fire.

She has yet to don the fireman's in the streets and also because the miform and actually fight a fire. Japanese women do not wear hats.

They were the first eights to have

uniform and actually fight a fire. Japanese women do not wear hats. "They were the first eights to have "But, you never can tell," she says. and their carefully arranged coif-

ANTICIPATING THE **FUTURE BUILT UP** COLE CO. BUSINESS

In All That Cole Does" Is Truthful Slogan.

Ability to anticipate the trend of day.' note of the success of the Cole Mo- New Buildings for

For ten years, officials say, it has devoted its energies and resources ceeded is amply testified to by the to the production of advanced motor cars. During that time its conall over the country from men who tributions to the science of automohave been devotees of both types bile manufacture have been numer-

pany, Nebraska Cole distributors "Yet, in spite of this relative light-ness the motor develops 46 horse-power. Road and dynomometer dispatching the test models into the dispatching the test models into the sent an additional investment of Rocky mountains and there submitting them to previously unheard cupancy it is expected September

That Guard Women's Hair sis exclusively. The first Cole ufacturing building is being rushed to completion, as is a new heating Closed passenger automobiles are bodied features which are just compand power plant costing \$200,000, preferred in Japan, especially for ing to be incorporated generally in By the end of 1920 the total floor

V-type engines. They were the first eight-cylinder cars to have counter-balanced crank shafts.

"Another marked stride for the early Cole Eights was the changing of the location of the spark plugs

from over the center of the cylinder to the upper section of the block. This enabled the spark to occur A Little Touch of Pomorrow where the purest gas collected, on the compression stroke. "It is Cole's ability to create which is responsible for the now a familiar slogan: "There's a touch of tomorrow in all Cole does to

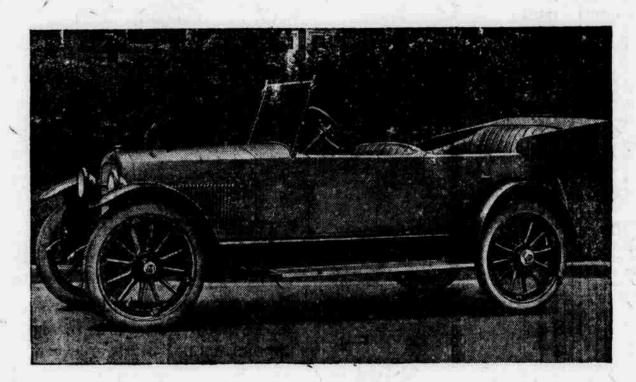
Franklin Co. Will Approximate 34 Acres

Ground has just been broken by the Franklin Automobile company time, many of which still live as square feet, according to advices N. Y. by H. Pelton, Omaha Franklin distributor. The structure well cost \$600,000 and the necessary may chinery and equipment will repre-

The Frankin company has just completed another seven-story building with a floor space of 150.-American manufacturer to build building with a floor space of 150, an eight-cylinder car and to con- 000 square feet at a cost of \$400,000 centrate upon this one type of chas- A \$100,000 addition to another man

Motor tractors are successfully

Maibohm Six



A Rare Dealer Opportunity.

We believe the Maibohm Six presents the best dealer opportunity of any available car on the market at the present time.

The Maibohm fits into the most important niche in the automobile market. It is a medium priced light six, economical in operation, but containing all of the refinements which compel admiration of the most expensive larger cars.

The Maibohm has more speed than is usual and more than ordinary power. It holds the road perfectly, even at excessive speeds.

In appearance it is a smaller model of those huge, costly cars, after which it was patterned. The lines are low and long. The bodies are made and finished in the Maibohm factory, which has been famous for 32 years for the excellence of its coach work.

We believe the Maibohm features which appealed to us will prove interesting to you and to your customers.

As the Maibohm Franchise is much sought after, we would advise prompt action.

Phaeton, \$1,495; Sedan, \$2,395; f. o. b. Detroit.

John M. Robbins Motor Company Tel. Tyler 218 Omaha, Neb. 2054 Farnam St.

Maibohm Motors Company

Sandusky, Ohio

Booth 22, Omaha Auto Show.