

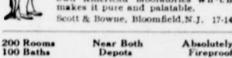
Every enlisted man would stand up stronger during the Methods to Be Employed in Confirst year's service if he could have the benefits of

SCOTI ľS because it fortifies the lungs

and throat, creates strength to avoid grippe and pneumonia constructing a sand-clay road surface rheumatic tendencies.



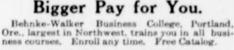






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PORTLAND, OREGON . . Reference: Hibernia Savings Bank.



struction Depends on Con-

lowed in constructing a sand-clay surface, traffic usually must be depended upon to puddle and compact the surditions to Be Met. facing material, and the road never

FOUR SETS ARE SUMMARIZED

ocation, Design, Drainage, Grading, Etc., Are Important-Each Feature Described Separately

and in Full. The proper method to employ in

and makes rich blood to avert depends on the conditions to be met. In general, there are four distinct sets of conditions, all of which may occur Send a bottle of SCOTT'S in the same locality, or even on difto a relative or friend ferent sections of the same road. These are:

Case 1, where the original roadbed is sandy and it is desired to construct

the surface by admixing clay; Case 2, where the original roadbed

to construct the surface by admixing Absolutely Fireproof sand:

Case 3, where it is desired to construct the surface of topsoil or other sary to secure a finished surface eight natural sand-clay mixture without admixing any of the roadbed material;

the clay and sand separately and mix After the clay has been spread, plow

form the surface.

mentioned above. Case 1 .- To construct a sand-clay surface by admixing clay with sand from the roadbed, first grade the roadbed in the manner already described for earth-bed construction, but keep the crown flat on the portion to be surfaced. Then spread clay over that part of the roadway which the surface is to cover, to such depth that, is composed of clay and it is desired when it is mixed with the sand of the roadbed, a surface about eight inches thick, after compacting, will be ob-

plowing and harrowing are required.

should be considered complete until

after it has been subjected to traffic

for a considerable period. During this

period the surface should be kept in shape by repeated dragging, and if

necessary additional sand or clay

should be supplied at points which

show weakness owing to these ma-

terials not having been mixed in proper

can best be described separately for

each of the four sets of conditions

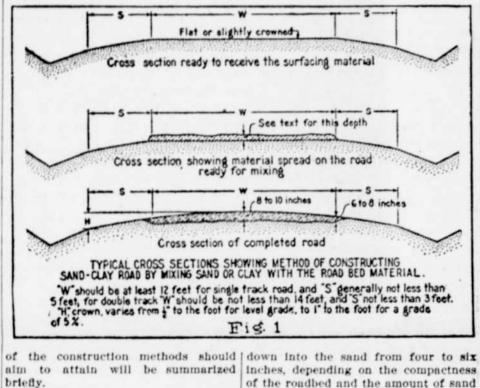
Other features of the construction

proportions.

(5) No matter what method is fol-

tained. The loose depth of clay necesinches thick usually will vary from four inches to six inches, according to Case 4, where it is desired to supply the amount of sand the clay contains. the two materials together in place to up sand from beneath in sufficient

quantity to make the net proportion Before discussing the different cases of sand to clay about 2 to 1. Ordinariseparately, the general ends which all ly the plow furrows should extend



(1) The questions of location, de- originally present in the clay. But sign, drainage, grading, etc., are, if it is better to have too little than too anything, more important in the case much sand, because it is easier to add



**Breakfast in 20 Minutes** 

# With the Fingers! Says Corns Lift Out Without Any Pain

TOASTED

WHEAT FLAKES

You reckless men and women who are pestered with corns and who have at least once a week invited an awful death from lockjaw or blood poison larged Glands, Wens, Bruises, Varicose Veins; are now told by a Cincinnati authority heals Sores. Allays Pain. Will tell you to use a drug called freezone, which the moment a few drops are applied dealers or delivered. Liberal trial bottle for 16c stamp to any corn or callous the soreness is, W. F. YOUNG, P.D.F., 403 Tample St., Springfield, Mass. relieved and soon the entire corn or callous, root and all, lifts off with the fingers.

Freezone dries the moment it is applied, and simply shrivels the corn or callous without inflaming or even irritating the surrounding tissue or skin. A small bottle of freezone will cost very little at any of the drug stores, but will positively rid one's feet of every hard or soft corn or hardened callous. If your druggist hasn't any freezone he can get it at any wholesale drug house for you.

### An Unfailing Sign.

"My dear, this child is going to have lots of spirit in its voice."

"How can you tell that now?" "Because it already shows a ten-dency to high bawls." — Baltimore American.



Splint, Curb, Side Bone, or similar trouble and gets horse going sound. It acts mildly but quickly and good re-sults are lasting. Does not blister or remove the hair and horse can be worked. Page 17 in pamphlet with each bottle tells how. \$2.00 a bottle delivered. Horse Book 9 M free.

ABSORBINE, JR., the antiseptic liniment for mankind, reduces Painful Swellings, Enmore if you write. \$1 and \$2 a bottle at

### Those Poor Relations.

Every day some more of Germany's diplomatic relations turn up "broke." Birmingham Age-Herald.

SKIN TORTURES

That Itch, Burn and Scale Quickly Relieved by Cuticura-Trial Free.

It takes about ten minutes to prove that a hot bath with Cuticura Soap followed by gentle applications of Cuticura Ointment will afford relief and point to speedy healment of eczemas, itchings and irritations. They are ideal for all toilet purposes.

Free sample each by mail with Book. Address postcard, Cuticura, Dept. L, Boston. Sold everywhere. -Adv.

WOOL AND MOHAIR.

# WANTED, TURKEYS

for THANKSGIVING and CHRISTMAS trade. Write for prices. Ship us your Veal, Hogs, Poultry, Eggs, Hides and Cascara bark. Top prices and fair treatment.

CLEASBY-HANSON CO.

115 FRONT ST.

# Produce Wanted! make the mixture, the respective

We pay cash and need Hogs, Veal, Beef, Mut-ton, Chickens, Turkeys, Geese, Ducks. Butter, Eggs, Potatoes, Beans, Onions, Clover Seed, Fruit and all other produce of the farm. Check sent same day shipments arrive. Top market prices at all times. Send for tags.

STANDARD PRODUCE CO. Front and Alder Streets Portland, Oregon

WE WANT YOUR

# Poultry, Veal and Hogs HIGHEST MARKET PRICE

NO COMMISSION PROMPT RETURNS

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STARK-DAVIS CO. Portland, Oregon 212 Third Street.

P. N. U. No. 45, 1917.

NIDES, PELTS, CASCARA BARK, of sand-clay roads than in the case of sand from the roadbed than to haul earth roads.

additional clay. Next harrow the sur-(2) The amount of clay contained in face with a disk harrow. Repeat the We want all you have. Write for prices and shipping tags a finished sand-clay road surface operations of plowing and harrowing two parts of sand gives satisfactory for any particular case can be determined best by experiment.

(3) For average country-road traffic mud, after which shape up the surface and a stable roadbed, the depth of a PORTLAND, ORE sand-clay surface should be about clean sand and pure clay were used to

the surface thickness from center to sides, with a feather edge extending out over the shoulders, but this practhe traffic to use the center of the

road, and heavy vehicles using the edge of the surface are liable to break through the surfacing material.

(4) In constructing a sand-clay surface, the two constituent materials archipelago.

THE H. F. NORTON CO. Portland, Ore.; Seattle, Wn. should be only slightly more than suf- until the sand and clay are mixed thorficient to fill the voids in the sand. oughly and uniformly. Then shape up Ordinarily about one part of clay to the surface with a grading machine or road drag and permit traffic upon it. results, though the proper proportion After the first soaking rain, plow and harrow the surface again until the surfacing material practically becomes

and keep it in shape by repeated dragging until it has dried out and is eight inches after it is compacted. If thoroughly compacted. Watch the road carefully for several months after it is first constructed, to correct defidepths of the sand layer and the clay ciencies of sand or clay and to keep the surface in shape.

Case 2 .- To construct a sandy-clay road surface by admixing sand with clay from the roadbed, the process is exactly similar to that described for Case 1, except that sand is spread over tice makes it necessary for most of the graded roadbed and clay is plowed up from beneath to mix with it.

> The honey bee is probably of Asiatic origin. Wild bees are abundant in India and in the islands of the Malay

## MANURE FROM FARM ANIMALS | ROOTS FOR SEED PRODUCTION

Great Source of Wealth Is Not Looked After as Carefully as It Should Be in Many Instances.

Farmer Will Safeguard Against Famine in Spring.

Some systematic experimenter has made the discovery that the manure from the farm animals, if carefully saved and utilized as a fertilizer, is worth annually as follows: That produced by the horse or mule, \$27; that of cattle, \$20 per head; the hog, \$4, and the sheep, \$2. This great source of wealth is not looked after as carefully on our farms as it should be or could be. The winter or feeding season could be made much more resourceful in the manure than it is on most farms. The manure should be closely gathered and hauled to the fields or grounds where it is to be used and spread by use of the manure spreader.

Work your horses moderately during very bot days and water them often; protect them from the files and watch them carefully ; keep their bowels loose by pasturing or feeding maative foods.

Select this fall a number of the best roots, store them carefully through the winter and plant them next spring for seed production. By doing this, you will further your own interests and safeguard against a field-root seed famine. In addition, it will be found that the seed so grown will give just as good yields, or maybe better, than imported seed. Growing mangels, turnips or car-

rots for seed is quite simple. It raquires no special skill nor any outlay of capital, and the little labor involved is well repaid by the results. Suppose each year one acre of mangels or turnips or carrots is grown for the stock. How many roots will it be necessary to select this fall and plant

out next year to produce the quantity of seed needed?

A town of cement buildings is being constructed in Montana.

# Ico Many Operations

The Right Medicine in Many Cases Does Better than the Surgeon's Knife. Tribute to Lydia E. Pinkham's Vegetable Compound.

### Doctor Said Operation or Death-But Medicine Cured.



Des Moines, Iowa .- "My husband says I would have been in my grave today had it not been for Lydia E. Pinkham's Vegetable Compound. I suffered from a serious female trouble and the doctors said I could not live one year without an operation. My husband objected to the operation and had me try Lydia E. Pinkham's Vegetable Compound. I soon commenced to get better and am now well and able to do my own housework. I can recom-mend Lydia E. Pinkham's Vegetable Compound to any woman as a wonderful health restorer."-Mrs. BLANCHE JEFFERSON, 703 Lyon St., Des Moines, Iowa.

### Another Operation Avoided.

Richmond, Ind .- "For two years I was so sick and weak from female troubles that when going up stairs I had to go very slowly with my hands on the steps, then sit down at the top to rest. The doctor said he thought I should have an operation, and my friends thought I would not live to move into our new house. My daughter asked me to try Lydia E. Pinkham's Vegetable Compound as she had taken it with good results. I did so, my weakness disappeared, I gained in strength, moved into our new home, do all kinds of garden work, and raised hundreds of chickens and ducks. I cannot say enough in praise of Lydia E. Pinkham's Vegetable Compound."-Mrs. M. O. JOHNSTON, Route D, Box 190, Richmond, Ind.

Of course there are many serious cases that only a surgical operation will relieve. We freely acknowledge this, but the above letters, and many others like them, amply prove that many operations are recommended when medicine in many cases is all that is needed.

If you want special advice write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass. Your letter will be opened, read and answered by a woman and held in strict confidence.

By Following Plan Outlined Herewith