

 short, he simply demonstrated thi
soundness of him major premise "If
can zet rid of the mud the rods wil
cease to be muddy". The dexice hi cease to be mudyy". The device
made be called a "pilit log road drag
The man who had by such simp means worked such wonders with hit
rood Is D. Ward King of Matiand
Mo. drag the reason that it worked thit
wonder Wonder was not entrely clear to in
lnventor untll he recelved nispiratio
from observtng a bog from observing g hag wallow. He says
"One day I noticed that water war
standing in one of these wallows lons coere thy ground all about it had habably 1 tadd many time
before observed thls fact, but not unt
now had It occurred to mee the the now had it occurred to me to thquir
loto ths cause. Examining the eddes o
the wallow, 1 was Impressed wit fact that ti was almost ns hard as
plece of earthenware. Clearly this wa
because the wallowing of the because the wallowing of the hogs b
mixed or 'puddled' the earth and Water together, forming a kind of
ment which dried Into a hard practically waterproof surface."
The cost of making and ape thlis drag is so manall and the deea tha
ts embodied in It is so simple that the Is embodied in It is so simple that thi
wonder of it is that Its applicatio
has not already become universa Roads can be worked up Into an exce
lents condition and mainalined lent condition and maingalned
cost of from 83 to 810 A mile. dragging accomplishes a number
useful things. The mos is that by giving it a smooth surfac
and a rounding shape it makes it poa ast
sible for the rosid to shed water ti
stead of absorblng it. Then, too, kills of absorbing it. Then, too,
teeds and takes out thi
bumps at the sides of the culverts. bumps at the sides of the culverts.
also destroys the old trall and thi prevents deep the drag and the mannel
time to use
of its une ans Important. Until a road has been worked fato some sort
shape the frat dragglng should bi done when it is very wet or when it it
thawed on top during the earily gpring thawed on top during the eariy spring
After that the time to drak to aftar ralastorm or wet spell when it beelint
to dry out.

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