

MAGNIFY SPEED OF MOTOR RACE TRACK

Indianapolis Speedway Managers
Improve Big Course and In-
crease Its Long Surface.

HARD TESTS PROVE MERIT

Many Difficult, Grueling Experi-
ments Are Made, Showing the
Value of New Covering.

The Indianapolis Motor Speedway is being resurfaced with a sample of brick pavement which has been tested, and as soon as additional tests under high speed have been made the contract will be let to finish the work this fall.

The brick contractors have turned their sample over for testing, several hundred yards having been laid.

A sample of creosoted block is also being given a thorough trial, and after this expensive contract has been let it will mean about \$150,000 for surface alone.

The American Paving and Manufacturing Company has several of its experts in the city and will have a sample of bitu-mass laid at once; this will be tried out with the creosote block and brick surfaces, as additional tests are about to be made. The American Paving Company has agreed to put up a bond covering its pavement and guaranteeing same against traffic by automobile and warranting it to wear at least five years.

Enlarge Grand Stands.

The other improvements are being pushed rapidly forward and will be completed within the next three weeks. The bleachers are being more than doubled in seating capacity, while the automatic scoreboard that was used in the \$1 section will be moved to the 50c section. A new

Local Driver Who Will



AUTOS ATTRACT SOCIETY

PARK MOTOR RACE LURES

**BIG PHILADELPHIA SMOKE WAGON
EVENT PROMISES TO MAKE HIS-
TORY AND BENEFIT CHARITY
WITH ENTERTAINMENT.**

PHILADELPHIA, Pa., Sept. 11.—There has probably never been an outdoor sporting event outside of the army and navy football game which has appealed so strongly to society as the Fairmount Park automobile race, scheduled to be held on

John
made a
the rec
assigne
tour, w
Oct. 21.
In this
oline y
day. T
miles.
the av
being 1
Sept.
to Phill
caster,
Sept.
via Al
132.6 m
Sept.
via Gor
Sept.
via Sp
Sept.
Sept.
Sept.
via Pr

traffic by automobile and warranting it to wear at least five years.

Enlarge Grand Stands.

The other improvements are being pushed rapidly forward and will be completed within the next three weeks. The bleachers are being more than doubled in seating capacity, while the automatic scoreboard that was used in the \$1 section will be moved to the 50c section. A new scoreboard with steel tower will be erected in the \$1 section of the grounds, and this will be placed to better advantage than the old board, which was a temporary affair, but which proved so effective.

An additional tier of boxes is being built to the \$1 grand stand, while an additional grand stand in the \$1 section is also under course of construction. The fences are being placed back forty feet and the whole inside and outside of the track proper is being graded preparatory to being supplied with a sand cushion.

The additional restaurants, are being built and the new aerodrome, which is the largest in the United States, will be ready within ten days.

Some of the methods being used to test the new track surface are unique. Johnny Aitken was out with his big six-cylinder National yesterday, with which he lowered all world's records from 25 to 100 miles at the recent meet when he covered the century in the remarkable time of 91.419-10. Aitken flew over the new surface several times under full speed. Another test was that of running a rope to two posts sunk into the ground and with a concrete base. The front wheels of the car were then securely roped and the machine under full power churned the wheels in one spot on the track in an effort to dislodge the surface.

Track Remains Firm.

The car swayed from side to side until the odor of burning rubber caused from the friction was to be easily noticed, and, excepting to add a little polish to the surface where the fierce churning of the wheels was applied, no other effect was noticeable.

Racing the engine and dropping in the clutch and starting from a fast standing start was also tried several times, after which the track was sprinkled and the skidding effects were tried.

It was discovered that the track will be suitable to race upon even in a wet condition. Several other tests are to be made during the next few days, when various classes of brick are to be tried, as well as the trials on the creosoted blocks and bit-mass surfaces.

The interest which various contractors throughout the United States are giving to the Speedway surface is amazing, as representatives from as far west as California are on hand watching the new processes which are supposed to have so much to do in solving the proper surface for automobile traffic under high speed.

Representatives from the Brick Manufacturers' Association from Cleveland and other points are watching the tests as well as several experts from the East.

Samples Are Dustless.

The new surface samples that are now on the track are absolutely dustless, which is one of the most important

PHILADELPHIA, Pa., Sept. 11.—There

has probably never been an outdoor sporting event outside of the army and navy football game which has appealed so strongly to society as the Fairmount Park automobile race, scheduled to be held on Oct. 9. A committee of citizens, with Mayor Reyburn as honorary chairman, proposes to make the event the greatest of its kind ever held in this country. The natural advantages of Fairmount will enable upward of 800,000 people to see a greater part of the 200-mile struggle between the racing automobiles. Vast parking spaces are being planned so that owners of touring cars, limousines and other types may use them as a point of vantage to witness the race.

The main parking places will, of course, be those along the concourse, where a view of the start and finish of the contest can be obtained, and where it will also be possible for spectators to watch the teams of the various cars making repairs and changing tires.

These are, of course, the choice spaces, and their sale by auction is expected to make a big addition to the funds of the contest, all of which will be devoted to charity.

Plenty of Space.

But in addition to these main stretches of parking places, which will furnish something like 480 spaces, there will be five other spaces set aside, each of which will possess some special advantage, though not, of course, being as desirable as the places facing and running beside the grand stand.

On both sides of the road north of Strawberry Mansion, north of Sweetbriar curve, on both sides of the course south of Belmont water works, and at another point south of Strawberry Mansion bridge there will be other stretches of parking places at the disposal of the committee.

Altogether, the number to be sold is something like 1,000, and it is the expectation to get rid of the greater part of them.

In the grand stand will be almost 4,000 seats. Along the front will extend 105 boxes. Like the parking places, these will be offered at auction. Prospective purchasers will first be given a chance to bid by mail, and will be awarded the parking places or boxes they ask, providing that their figures be not exceeded at public auction. The highest bidder will of course win, but the committee will make every effort to satisfy those who are unable to get exactly what they have asked for.

Stand Is Model.

The stand, as arranged by Philip H. Johnson, the well-known architect, is a model of this kind of work and will afford an excellent view of the race. The front rows will be raised four feet from the level, so that an unobstructed view will be afforded at all times.

By the middle of next week the committee will have its diagrams of stand and parking places ready and will send

Sept. 2
via Alle
132.6 mil
Sept. 2
via Gosh
Sept. 2
via Sprin
Sept. 2
Sept. 2
Sept. 2
via Prov
Haven, I
Sept. 2
Pa., via
Camden
Sept. 2
to Wash
Newark,

AUTO

RACIN

PROMOT

IN LO OV

NEW

Indicatio
Automob
tested
raceway
of the
year. T
that a l
est in t
ing circ
Riverhe
fastest
expecte
The fac
derbilt
to still
the der
the Va
month
good ap

Recent
promine
eral oth
head-M
pronoun
and the
is said
five mil
truth o

Five
petition
The cla
so it v
once.
This
nine a
four a
grand

Aitken was out with his big six-cylinder National yesterday, with which he lowered all world's records from 25 to 100 miles at the recent meet when he covered the century in the remarkable time of 91.419-10. Aitken flew over the new surface several times under full speed. Another test was that of running a rope to two posts sunk into the ground and with a concrete base. The front wheels of the car were then securely roped and the machine under full power churned the wheels in one spot on the track in an effort to dislodge the surface.

Track Remains Firm

The car swayed from side to side until the odor of burning rubber caused from the friction was to be easily noticed, and, excepting to add a little polish to the surface where the fierce churning of the wheels was applied, no other effect was noticeable.

Racing the engine and dropping in the clutch and starting from a fast standing start was also tried several times, after which the track was sprinkled and the skidding effects were tried.

It was discovered that the track will be suitable to race upon even in a wet condition. Several other tests are to be made during the next few days, when various classes of brick are to be tried, as well as the trials on the creosoted blocks and bit-mass surfaces.

The interest which various contractors throughout the United States are giving to the Speedway surface is amazing, as representatives from as far west as California are on hand watching the new processes which are supposed to have so much to do in solving the proper surface for automobile traffic under high speed.

Representatives from the Brick Manufacturers' Association from Cleveland and other points are watching the tests as well as several experts from the East.

Samples Are Dustless.

The new surface samples that are now on the track are absolutely dustless, which is one of the most important features. It is the desire of the management to lay the track so as to have it down before snow falls as the fall season of the year is pronounced the most suitable by experts. The old surface is being treated with rock ballast and crushed rock and sand are being used to bring it to a grade. This in turn is rolled to a billiard table smoothness, after which the surface is being placed. A great difference is to be noticed between the old track surface and the new samples.

C. G. Fisher, the president of the Speedway management, said yesterday the track will be much faster than was planned in the first place and that the price of the Speedway surface has exceeded the original figures by over 100 per cent. When the final improvements have been made the famous course, will have cost close to \$700,000.

also possible for spectators to watch the teams of the various cars making repairs and changing tires.

These are, of course, the choice spaces, and their sale by auction is expected to make a big addition to the funds of the contest, all of which will be devoted to charity.

Plenty of Space.

But in addition to these main stretches of parking places, which will furnish something like 480 spaces, there will be five other spaces set aside, each of which will possess some special advantage, though not, of course, being as desirable as the places facing and running beside the grand stand.

On both sides of the road north of Strawberry Mansion, north of Sweetbriar curve, on both sides of the course south of Belmont water works, and at another point south of Strawberry Mansion bridge there will be other stretches of parking places at the disposal of the committee.

Altogether, the number to be sold is something like 1,000, and it is the expectation to get rid of the greater part of them.

In the grand stand will be almost 4,000 seats. Along the front will extend 105 boxes. Like the parking places, these will be offered at auction. Prospective purchasers will first be given a chance to bid by mail, and will be awarded the parking places or boxes they ask, providing that their figures be not exceeded at public auction. The highest bidder will of course win, but the committee will make every effort to satisfy those who are unable to get exactly what they have asked for.

Stand Is Model.

The stand, as arranged by Phillip H. Johnson, the well-known architect, is a model of this kind of work and will afford an excellent view of the race. The front rows will be raised four feet from the level, so that an unobstructed view will be afforded at all times.

By the middle of next week the committee will have its diagrams of stand and parking places ready, and will send out its circular. The opportunity to bid will then be offered, but the public auction will not take place until within ten days of the race, so as to afford many society people, now out of town, an opportunity to bid.

Interest in the race continues to grow. Secretary Harbach of the Quaker City Motor Club, which has the racing end of the affair entirely in charge, announces the receipt of a new entry, a Benz No. 11, entered by E. R. Bergdoll. Mr. Bergdoll will drive the car himself.

Through the courtesy of the White Company's representative, the White Company's garage at 629 North Broad street will be the official head garage for the run.

The Autolight Company and Motor Supply Company will donate a handsome gold watch to the driver with the most consistent record.

GERMAN MOTOR TRADE SINKS.

While 1907 Was a Good Year, 1908 Proves Bad.

DEMONSTRATE SYSTEM

BEFORE AUTO CLUB FOLK

Hydraulic Method of Handling Gasoline

PROMOTED
IN LONDON
OVER

NEW

Indication
Automobile
tested
raceway
of the b
year. T
that a la
est in the
ing circle
Riverhea
fastest i
expected
The fact
derbilt C
to still f
the derb
the Var
month th
good app
Recent
prominen
eral othe
head-Ma
pronounc
and the
is said to
five mile
truth of

THE

Five cl
petition
The clas
so it wi
once.
This c
nine and
four and
grand st
Roanoke
north of
speed tw
left turn
Then th
ducing t
rather v
miles be
racers w
in Matti
with th
ninety-d
point th
which to
ing the
smooth

NEW F

Code A

The ne
mobile