

FEDERAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

Recorded
U-7-64 emf

Laboratory Work Sheet

LAB FILE

Re: LIT HARVY OSWALD, aka
IS - R - CUSA

File # 105-82555-4668X
Lab. # D-455927 HO

PC 81827 CF, BX

Examination requested by: President's Commission (7-7-64)

Examination requested: ^{Stereographic} Photographic-Microscopic
Firearms

Date received: 8-6-64

Result of Examination:

Examination by: Shaneyfelt

9/10

R-Frazier

31 fragments

Use C# in cover
0321

Q609 Piece of Curbing



... by discreetly
smoothing off - no
groove and marking
... dep. No impact
found - not prismatic
bullet.

Specimens Submitted for examination

Request for location and examination of mark on curbing at assassination site

Curbs - Minor disturbance at L to edge
If off lead - containing present it could
have originated from ^{a lead bullet} the core portion of a metal
jacketed bullet - such as C1, 2, 3, a automobile
bullet - containing iron or some other source
of lead. The absence of copper-alloy bullet jacket
residues precludes the possibility that the mark was
made by an unjacketed bullet. Further, the damage to the curbing
would have been much more extensive if a rifle
bullet struck the curb without penetrating it.

D-455827HO
PC 81827 CF, B1

Regarding the piece of curbing ^{was removed on 8-5-64 and trail at the FBI lab.} designated C 3 21 ^{by the FBI laboratory.}

Small foreign metal smears were found in adhering to the curbing section at an area which bears a mark. These metal smears were ~~analyzed~~ spectrographically determined to be essentially lead with a trace of antimony. No copper was found.

The lead could have originated from a lead bullet, the lead core of a metal jacketed bullet ^{such as the type of bullet recovered from the stretcher} such as C 7 or some other source of lead ^{used in 6.5 mm Mauser-Carcano cartridges} or from some other source having the same composition.

The absence of copper precludes the possibility that the mark on the curbing section was made by an unjacketed full-jacket military type full metal-jacketed bullet such as the bullet recovered ^{from the stretcher} or the bullet ^{from the stretcher} or bullets represented by the jacket fragments, C 2 and C 3, found in the ~~President's~~ ^{President's} limousine. Further, the damage to the curbing would have been much more extensive if a rifle bullet had struck the curbing without first having struck some other object.

Recorded
8-7-64, mlf

FEDERAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

Laboratory Work Sheet

LAB FILE

Re: LEE HARVEY OSWALD, aka
IS - R - CUBA

File # 105-82555 - 4668 X
Lab. # D-455927 HO

Examination requested by: President's Commission (7-7-64)

Examination requested: ^{Photographic} ~~Photographic~~ ~~Microscopic~~
Firearms

Date received: 8-5-64

Result of Examination:

Examination by: Shane *[Signature]*

Mark on wall is 23" 4" from Triple underpass.
A direct shot from 6th floor window TSB0 would
cross over pres in center of Elm St at about 18' elevation
& hit Zapruder frame 410. 97 frames after 313 or
5.3 sec @ 1813 fps.

Specimens submitted for examination

Q609

Notes for location and examination of mark on curbing at assassination site

at frame 410 Mrs K is back in car +
Hill is midway between bumper + pres.

Curbing removed - mark made by object
franching in general direction away from TSB0.

8-11-64
[Signature]

8-11-64
[Signature]

2-FBI, Dallas (100-10461)

64 AUG 27 1964

105-82555-4668X

Recorded
8-7-64 cmj.

FEDERAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

Laboratory Work Sheet

LAB FILE

Re: LIE HARVEY OSWALD, aka
IS - R - CUBA

File # 105-82555-466 X
Lab. # D-455927 HO

PC-81827 BX CF

Examination requested by: President's Commission (7-7-64)

Examination requested: Photographic-Microscopic
(Microscopic)
(Firearms)

Date received: 8-6-64

Result of Examination:

Examination by: Shaneyfelt

Shaneyfelt

Specimens submitted for examination

609 Request for location and examination of mark on curbing at assassination
site. Piece of curbing.

Small foreign metal smears (see attached for location)
were inspected grossly (grossly - list) & found to
be essentially lead with a trace of antimony - could
be killed metal. No copper observed.

2-FBI, Dallas (100-10461)

