

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

WASHINGTON 25, D. C.

August 10, 1964

In Reply, Please Refer to
File No.

LEE HARVEY OSWALD

With regard to the November 29, 1963, edition of the newspaper, "Deutsche Nationalzeitung und Soldatenzeitung" (German National Newspaper and Soldiers Newspaper), which carried an article entitled, "The Strange Case of Oswald," the Bundeskriminalamt (BKA - West German Federal Criminal Police), Wiesbaden, German Federal Republic, furnished the following information:

Representatives of the Criminal Police of Munich, German Federal Republic, interviewed Dr. Gerhard Frey, Chief Editor of the "Deutsche Nationalzeitung und Soldatenzeitung," and were informed by Dr. Frey that the copies of the November 29, 1963, issue of the newspaper were printed on November 25 and 26, 1963, and that no changes were made in the text of the issue and no copies or parts of the issue were printed after those dates.

This document contains neither recommendations nor conclusions of the FBI. It is the property of the FBI and is loaned to your agency; it and its contents are not to be distributed outside your agency.

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4 4 MAR 5 1973

ENCLOSURE

4668

1 - Mr. Tolson
 1 - Mr. Rosen (Mr. Malley)
 1 - Mr. Sullivan (Mr. Lendhan)
 1 - Mr. Casper
 1 - Mr. Conrad
 1 - Mr. Griffith
 1 - Mr. DeLoach
 1 - Mr. Mohr
 1 - Mr. Bishop
 1 - Mr. Casper
 1 - Mr. Callahan
 1 - Mr. Felt
 1 - Mr. Gale
 1 - Mr. Rosen
 1 - Mr. Sullivan
 1 - Mr. Tavel
 1 - Mr. Trotter
 1 - Mr. Tele. Room
 1 - Mr. Holmes
 1 - Miss Gandy

July 13, 1964

airtel

REC-2

105-82555-4668X

To: SAC, Dallas (100-10461)
 From: Director, FBI (105-82555)

LEE HARVEY OSWALD, aka
 IS - R - MURKIN

The President's Commission has requested further investigation regarding the nick in the curb along the south curb of Main Street as shown in the photographs you submitted with airtel 5/18/64. Copies of the Commission letter and the photographs you submitted are attached for your guidance. There is also attached a copy of a letter to the Commission from Assistant United States Attorney, Martha Joe Stroud, Dallas, Texas, and an accompanying photograph of a nick in the curb taken by Tom Dillard of the Dallas Morning News on 11/22/63.

You should first attempt to locate the nick in the curb and advise the Bureau whether or not you can locate it. Since the nick area, if located, will be analyzed spectrographically in the Laboratory, you are cautioned not to clean the curb area or otherwise make any alterations that would effect such laboratory examination. If the nick is located, you will be furnished detailed instructions regarding photographs to be made before removal of this portion of the curbing as well as instructions for removal after the pictures are made. You should determine through contact with appropriate Dallas officials whether or not there is any objection to the removal of a portion of the curbing. For the spectrographic examination, it will be necessary to have the nick and the curbing approximately four to six inches around it intact. The amount of curbing removed beyond this will be determined by the method of removal that is used in order to retain the pertinent area intact.

To locate the nick in the curb on the south side of Main Street, you should use the photograph made by Mr. Underwood taken from the sidewalk toward the sixth floor window of the Texas School Depository.

Enclosures (5)

ORIGINAL FILED IN 100-10461-3659

Mr. Tolson _____
 Mr. DeLoach _____
 Mr. Mohr _____
 Mr. Bishop _____
 Mr. Casper _____
 Mr. Callahan _____
 Mr. Conrad _____
 Mr. Felt _____
 Mr. Gale _____
 Mr. Rosen _____
 Mr. Sullivan _____
 Mr. Tavel _____
 Mr. Trotter _____
 Tele. Room _____
 Miss Holmes _____
 Miss Gandy _____

LLS:kw
 (10)

JUL 13 1964
 COMM-FBI

SHANEY FLETCHER - 7336
 FBI - DALLAS 7/13/64

MAIL ROOM TELETYPE UNIT

Airtel to Dallas
LEE HARVEY OSWALD, aka
IS - R - CUBA

Book Depository Building (TSEDD). If you move along the south curb of Main Street until all objects in view are aligned as they are in the picture, that point should be within inches of the nick in the curb providing Mr. Underwood actually made the picture from the nick as he stated. The best guide to use initially is the lamp post between the two buildings on the right side of the photograph. After that is aligned, other objects can be checked such as the sign on the left and its relation to the steps and the TSEDD as well as the lamp posts on the north side of Elm Street and their relation to specific areas of the TSEDD. Sutel results of efforts to locate the nick on the curb.

The photographers, James Underwood and Tom Dillard, may be of assistance to you in locating the nick in the curb. In this regard, you should interview both photographers and submit letterhead memoranda in compliance with Item 3 of the attached letter from the Commission. For your further information, Item 1 of the Commission's letter is being handled by the Laboratory. Item 2 will be handled by the Laboratory depending upon whether or not the nick in the curb can be located after which you will be furnished further instructions relative to submission of the piece of curbing. The Laboratory will also make a comparison of photographs to be made after the nick is located, with photographs made by Underwood and Dillard as requested in Item 3.

PRESIDENT'S COMMISSION
ON THE
ASSASSINATION OF PRESIDENT KENNEDY

700 Maryland Ave. N.E.
Washington, D.C. 20002
Telephone 343-1400

CARL WARREN
REGARD KENNEDY
JOHN MURPHY
TALL DUNGE
GREGORY FORD
JOHN J. KELLY
ALLEN W. DUBOIS

Mr. Belmont	_____
Mr. Mohr	_____
Mr. Casper	_____
Mr. Callahan	_____
Mr. Conrad	_____
Mr. DeLoach	_____
Mr. Evans	_____
Mr. Gale	_____
Mr. Rosen	_____
Mr. Sullivan	_____
Mr. Tavel	_____
Mr. Trotter	_____
Tele. Room	_____
Miss Holmes	_____
Miss Gandy	_____

JUL 7 1964

Mr. J. Edgar Hoover
Director, Federal Bureau
of Investigation
Department of Justice
Washington, D. C.

Dear Mr. Hoover:

On June 30, 1964, you forwarded to the Commission two photographs obtained by your Dallas office from James Underwood, a newsman with KRLD-TV in Dallas. Enclosed herewith is a photograph forwarded to the Commission from Martha Joe Stroud, Assistant United States Attorney in Dallas. We are also enclosing a copy of a letter from Miss Stroud indicating the conditions under which this photograph was obtained.

Since the photographs taken by Underwood purport to indicate the exact point on the curb where this niche is located, we request that your Bureau perform the following investigatory steps:

- (1) Using either the model of the assassination scene or a diagram, please trace the path which a missile would have taken if it traveled from the sixth floor southeast corner window to the point on the curb indicated in these photographs, and then advise us of the approximate frame in the Zapruder film which would correspond to the point at which this missile would have passed over the President's car.
- (2) We would like an analysis made of this mark on the curb to determine whether there are any lead deposits there or any other evidence upon which a conclusion can be reached as to whether this mark was caused by the striking of a bullet.

[Handwritten signatures and initials]

ORIGINAL FILED IN 62-109060-3659

ENCLOSURE

REC-20

105-82555-4668X
JUL 8 1964
AUG 25 1964

SEVEN
SIX

- (3) Please determine whether the photograph forwarded to us by Miss Stroud is a photograph of the same curb mark represented in the Underwood photograph. We suggest that Tom Dillard of the Dallas Morning News be shown the spot on the curb from which the Underwood photograph was taken in order to determine whether the two men had photographed the same mark.

Sincerely,



J. Lee Rankin
General Counsel

Enclosures (2)

FEDERAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

Recorded
8-7-64 emj.

Laboratory Work Sheet

LAB FILE

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

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

PC 81827 CF, B

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

Examination requested: ~~Photographic-microscopic~~
Electrographic

Date received: 8-6-64

Result of Examination:

(Piercing)

Examination by: Shaneyfelt

8/10 R. Frazer

31° firing angle

Use C# in lower.

C321

Q609 Piece of curbing

Specimen submitted for examination



Evenly disintegrating
smoothing off - no
groove and possibly
1.5 d.p. No Cu part.
from D - not positive
bullet.

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

Curb - Minor disturbance at L to edge.
If 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
wheel balancing weight or some other source.
The absence of copper-alloy bullet jacket
residue presents the possibility that the mark was
made by an unjacketed bullet.
2-FBI, Dallas (100-10461)
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, BI

including the ^{was removed on 8-5-64 and} ^{is} ^{at the} ^{FBI lab.} ^{has been} ^{designated} ^{C 3 21} ^{by the} ^{FBI} ^{laboratory.}

Small foreign metal smears were found ~~is~~ 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} ^{or some other source} of ^{lead} ^{cores} ^{or from some other source} ^{having the same composition.}

The ~~total~~ 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} ^{fragments} ^{or bullets} represented by the jacket fragments, C 2 and C 3, found in the ^{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 enj

FEDERAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

Laboratory Work Sheet

LAB FILE

Re: LEE HARVEY OSWALD, aka
IS - H - 003A

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

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

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

Date received: 8-6-64

Result of Examination:

Examination by: Shane *[Signature]*

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

Specimens submitted for examination

Q609

Request 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
traveling in general direction away from TSB D.

[Handwritten initials]

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: LEE 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
(Electron-Microscopic)
(Firearm)

Date received: 8-6-64

Result of Examination:

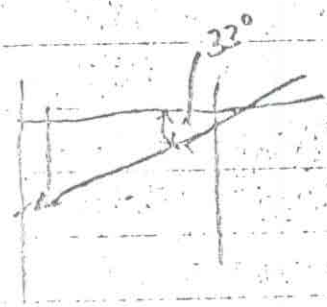
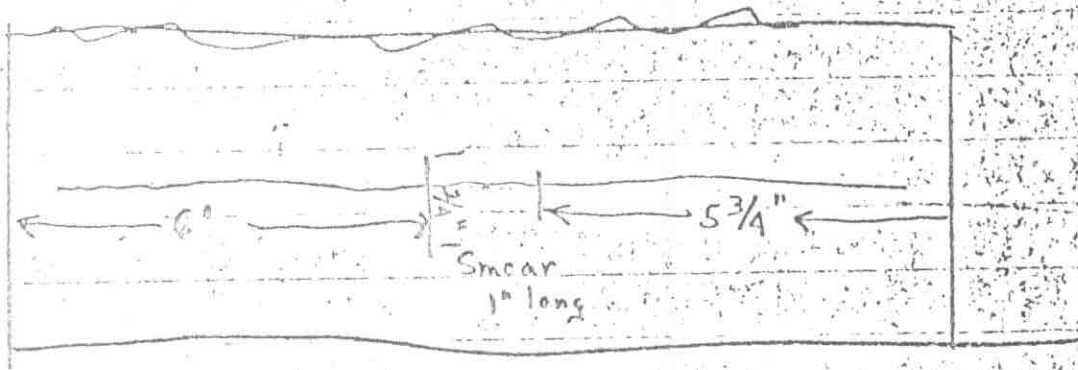
Examination by: Shaneyfelt
Theodor R. H.

Specimens submitted for examination

609 ~~to most for location and examination of mark on curbing at assassination~~
site Piece of curbing

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

2-FBI, Dallas (100-10461)



- 1 - Mr. Belmont
- 1 - Mr. Sullivan (Mr. Lenihan)
- 1 - Mr. Rosen (Mr. Malley)
- 1 - Mr. Rogge
- 1 - Mr. Conrad
- 1 - Mr. Jevons
- 1 - Mr. Frazier
- 1 - Mr. Heilman
- 1 - Mr. Griffith
- 1 - Mr. Shaneyfelt

August 12, 1964

By Courier Service

REG 105-22555-4668X

REC'D-READING ROOM
F B I
3 12 PM '64

Honorable J. Lee Rankin
General-Counsel
The President's Commission
200 Maryland Avenue, N. E.
Washington, D. C.

Lee Oswald

Dear Mr. Rankin:

Reference is made to your letter dated July 7, 1964, requesting additional examination of the mark appearing on the curbing on the south side of Main Street near the triple underpass at the assassination site in Dallas, Texas. This mark was located and was found to be 23 feet, 4 inches from the abutment of the triple underpass. The Laboratory comparison of the mark as it now appears with the photographs made by James Underwood, a newspaperman for KRLD-TV in Dallas, and Tom Dillard, a photographer for the Dallas Morning News, establishes they are photographs of this same mark. Four copies of the results of the inter-comparison with Mr. Underwood and Mr. Dillard are attached.

In response to your inquiry, assuming that a bullet shot from the sixth floor window of the Texas School Book Depository Building struck the curb on the south side of Main Street at the location of the mark described above and assuming it passed directly over the President, the bullet would have passed over the President at approximately frame 410 on the Zapruder film. This is 97 frames after the shot that struck the President in the head which is frame 313. At 18.3 frames per second, this represents a lapse of time of 5.3 seconds between frame 313 and frame 410. Based on a direct shot from the sixth floor window to the curb on Main Street, this bullet would have passed over the center of Elm Street at an elevation of about 18 feet from the street level. It is noted that in frame 410 of the Zapruder

ORIGINAL FILED IN 62-109060-3659

51 AUG 19 1964
COMM-FBI

File
Serial
Date
Case
Subject
Priority
Index
Class
Status
Filing
Transfer
Tele. Room

62-109030

Dallas (100-10461)

Mr. L. S. Stern (13)

1 AUG 27 1964 TELETYPE UNIT

ROGGE 5730
JWC
[Signature]

Honorable J. Lee Rankin

film, Mrs. Kennedy has returned to the seat beside the President and Secret Service Agent Hill is about midway from the back bumper to the President crawling across the trunk lid.

The piece of curbing containing the mark was removed on August 5, 1964, and examined in the FBI Laboratory. This curbing has been designated as Item C321 by the Laboratory. Small foreign metal smears were found adhering to the curbing section within the area of the mark. These metal smears were spectrographically determined to be essentially lead with a trace of antimony. No copper was found. The lead could have originated from the lead core of a mutilated metal-jacketed bullet such as the type of bullet loaded into 6.5 millimeter Mannlicher-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 un mutilated military-type full metal-jacketed bullet such as the bullet from Governor Connally's stretcher, C1, or the bullet or bullets represented by the jacket fragments, C2 and C3, found in the Presidential 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. Therefore, this mark could not have been made by the first impact of a high velocity rifle bullet.

It was also determined from a microscopic study that the lead object that struck the curbing causing the mark was moving in a general direction away from the Texas School Book Depository Building. Assuming this mark was made by a fragment of a bullet

Honorable J. Leo Rankin

from the assassin's rifle, the evidence present is insufficient to establish whether it was caused by a fragment of a bullet striking the occupants of the Presidential limousine, such as the bullet that struck the President's head, or whether it is a fragment of a shot that may have missed the Presidential limousine.

This completes the request in your letter dated July 7, 1934. The piece of curbing is available in the FBI Laboratory. A photograph of the mark on the curbing before removal and a photograph of the curbing after removal are attached.

Sincerely yours,

J. Edgar Hoover

Enclosures (3)