Old Cross Cut Canal Construction 1977

Old Cross Cut Canal Fencing 1980

Old Cross Cut Canal 1991

48th Street Drain Landscaping 1974

48th Street Drain Trash 1975

48th Street Drain Vegetation 1976

48th Street Drain Construction 1980

48th Street Drain Maintenance 1981

Alma School Drain 1976

Alma School Drain 1977

Alma School Drain 1979

Alma School Drain Erosion & Maintenance 1980

Old Cross Cut Canal Construction 1977

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48th Street Drain Landscaping 1974

48th Street Drain Trash 1975

48th Street Drain Vegetation 1976

48th Street Drain Construction 1980

48th Street Drain Maintenance 1981

Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

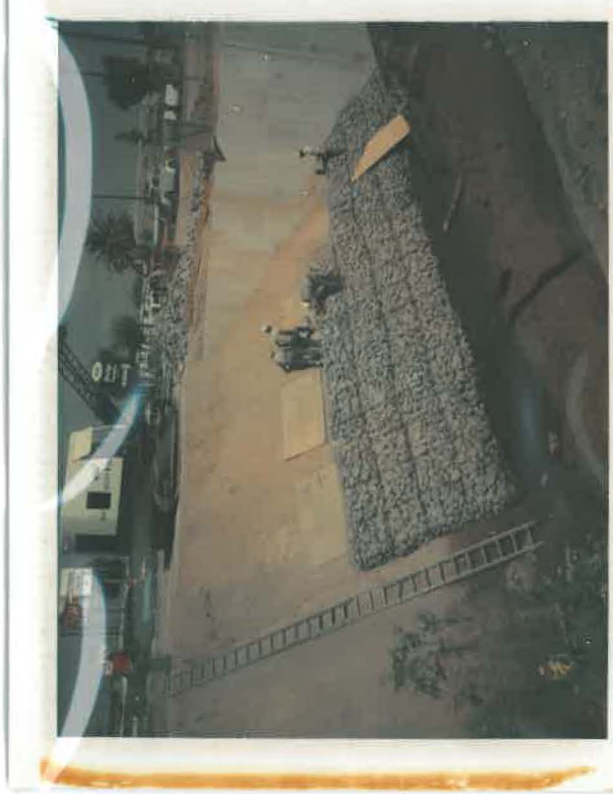
Alma School Drain 1976

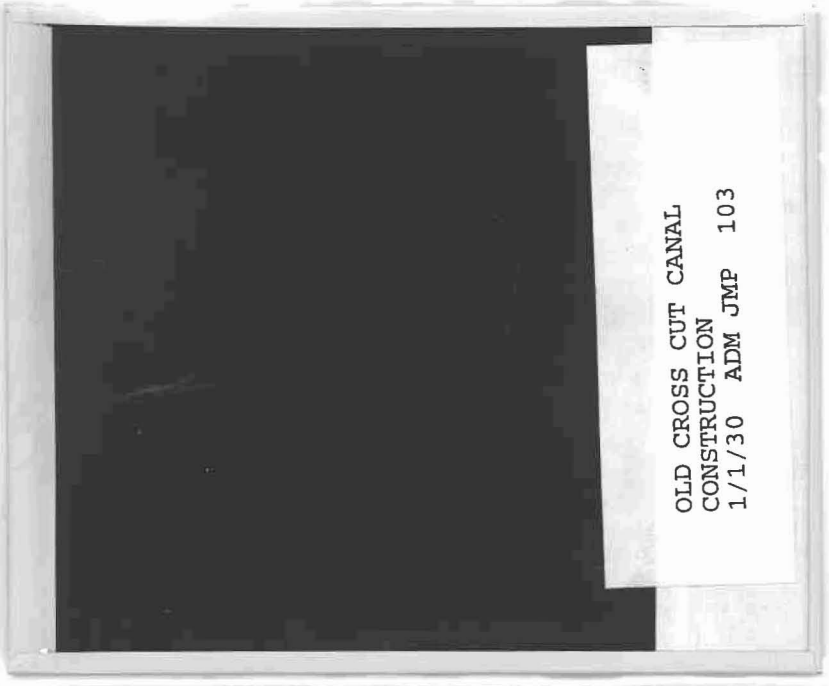
Alma School Drain 1977

Alma School Drain 1979

Alma School Drain Erosion & Maintenance 1980

Old Cross Cut Canal Construction 1977


OUT



Old Cross-Cut 8-23-77

View of rock revetments being placed downstream of Van Buren

OLD CROSS CUT CANAL
CONSTRUCTION
8/23/77 ADM JMP 103

D 77 557 C

Old Cross-Cut. 8-23-77

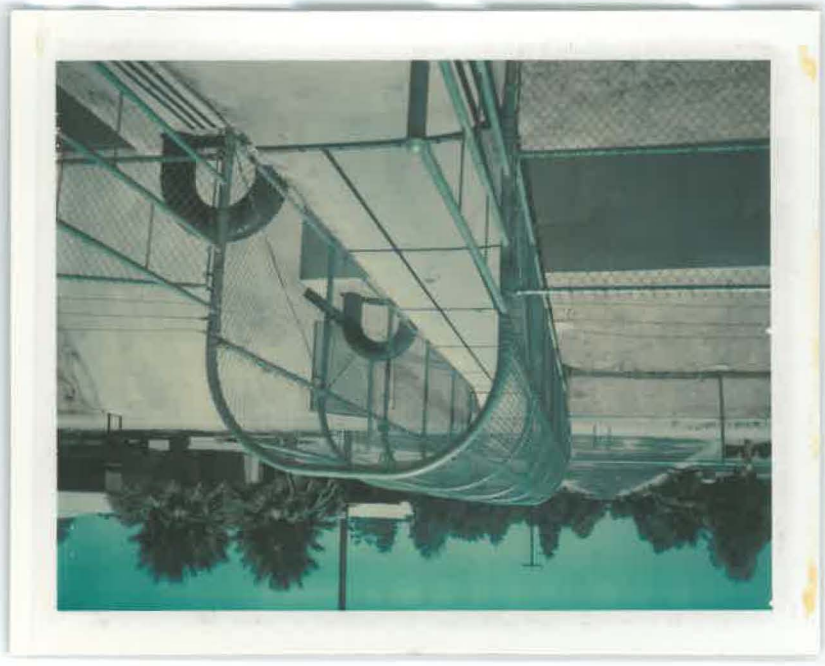
View of rock revetments being placed downstream of drop structure @ Van Buren St.

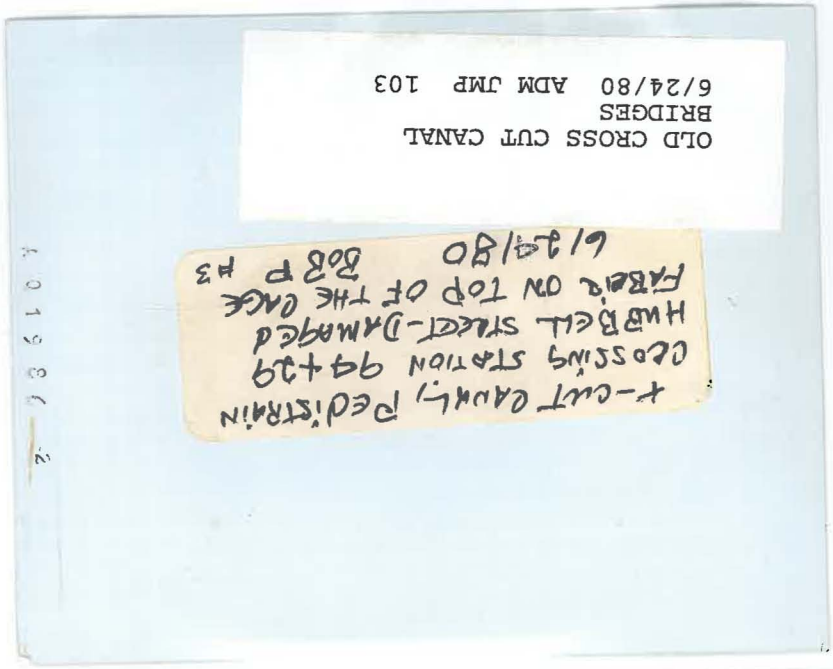
OLD CROSS CUT CANAL
CONSTRUCTION
8/23/77 ADM JMP 103

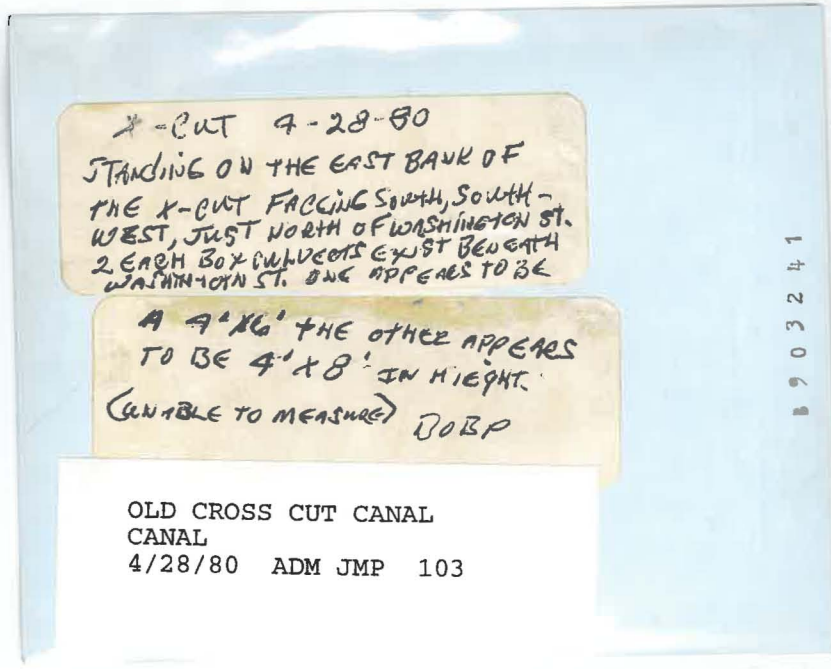
D 77 557 C

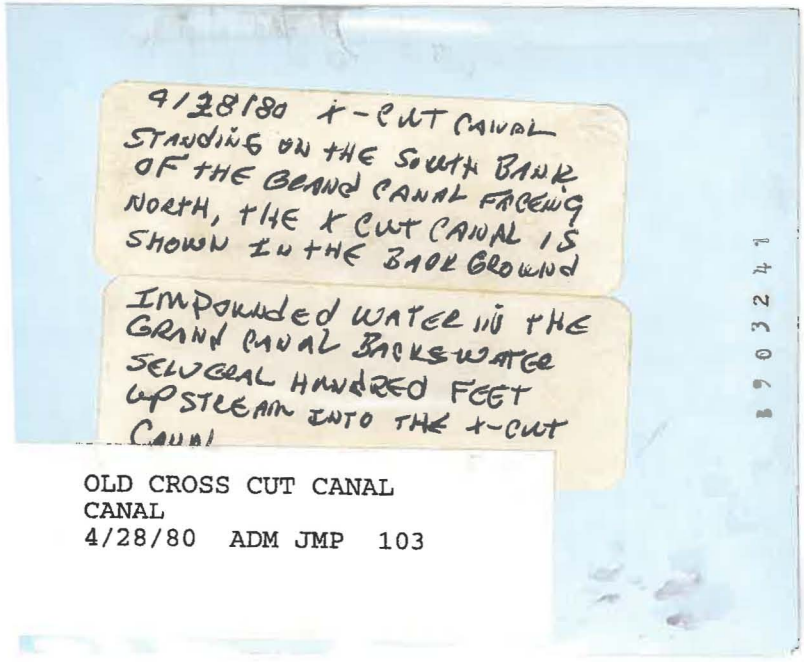
Old Cross Cut Canal Fencing 1980

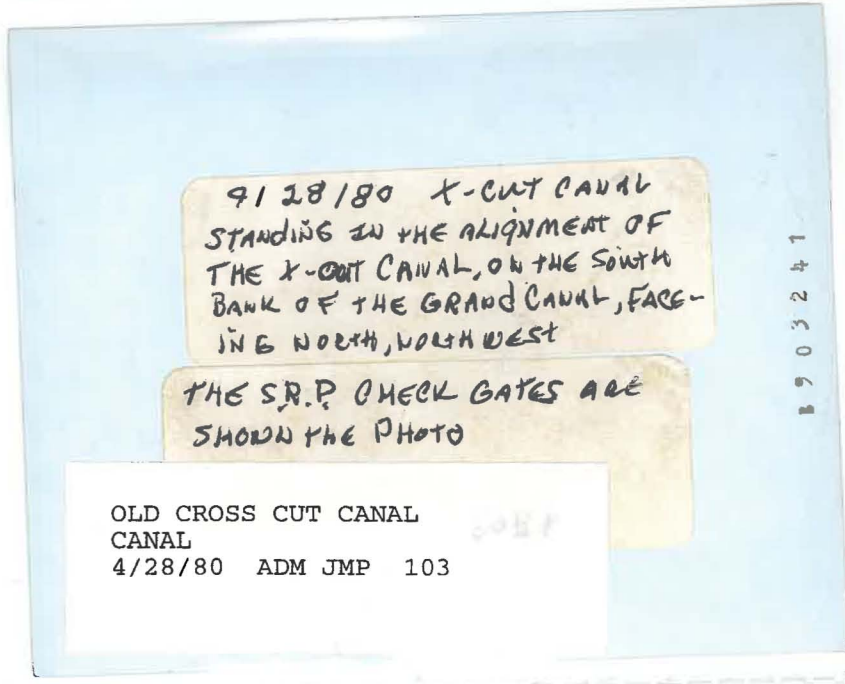
UNIVERSAL CAMPER











OLD CROSS CUT CANAL
BRIDGES
6/24/80 ADM JMP 103

X-CUT CANAL, PEDISTRAIN
CROSSING STATION 94+29
HUBBELL STREET-DAMAGED
FABRIC ON TOP OF THE CAGE
6/24/80 BOBP #3

X-CUT 4-28-80
STANDING ON THE EAST BANK OF
THE X-CUT FACING SOUTH, SOUTH-
WEST, JUST NORTH OF WASHINGTON ST.
2 EACH BOX CULVERTS EXIST BENEATH
WASHINGTON ST. ONE APPEARS TO BE

A 4'X6' THE OTHER APPEARS
TO BE 4'X8' IN HIEGHT.
(UNABLE TO MEASURE) BOBP

OLD CROSS CUT CANAL
CANAL
4/28/80 ADM JMP 103

B903241

4/28/80 X-CUT CANAL
STANDING ON THE SOUTH BANK
OF THE GRAND CANAL FACEING
NORTH, THE X CUT CANAL IS
SHOWN IN THE BACK GROUND

IMPOUNDED WATER IN THE
GRAND CANAL BACKSWATER
SEVERAL HUNDRED FEET
UPSTREAM INTO THE X-CUT
CANAL

OLD CROSS CUT CANAL
CANAL
4/28/80 ADM JMP 103

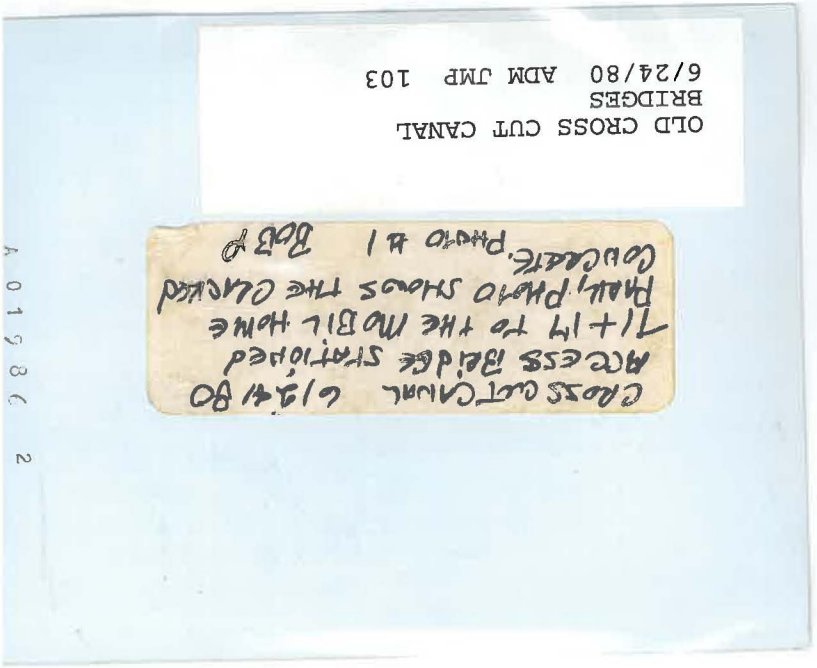
B903241

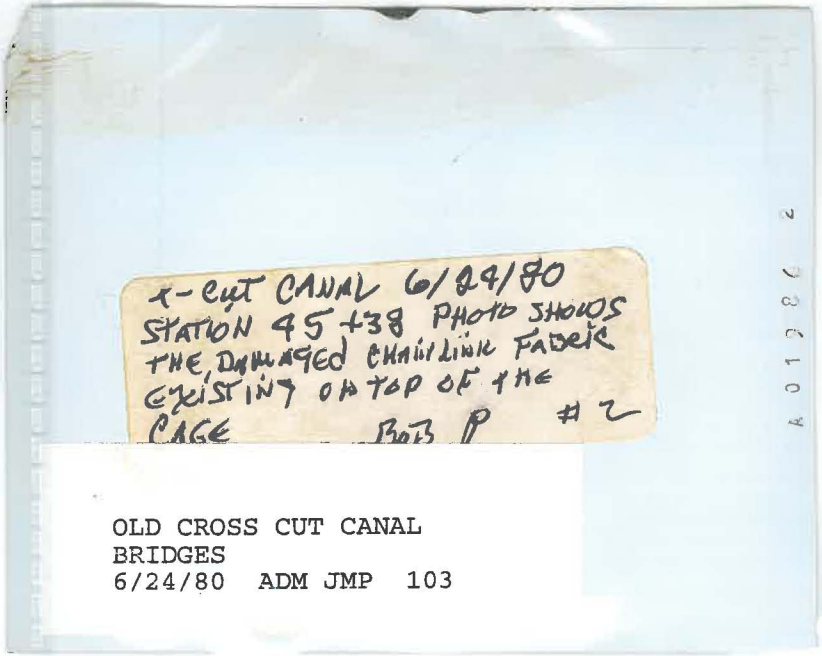
4/28/80 X-CUT CANAL
STANDING IN THE ALIGNMENT OF
THE X-CUT CANAL, ON THE SOUTH
BANK OF THE GRAND CANAL, FACE-
ING NORTH, NORTHWEST

THE S.R.P. CHECK GATES ARE
SHOWN THE PHOTO

OLD CROSS CUT CANAL
CANAL
4/28/80 ADM JMP 103

B903241


OLD CROSS CUT CANAL
BRIDGES
6/24/80 ADM JMP 103
CROSS CUT CANAL 6/24/80
ACCESS RAILROAD STATIONED
7+17 TO THE MOBIL HOME
PHOTO SHOWS THE CLOSED
CHAINLINK. PHOTO #1 BOB P


X-CUT CANAL 6/24/80
STATION 45+38 PHOTO SHOWS
THE DAMAGED CHAINLINK FABRIC
EXISTING ON TOP OF THE
CAGE BOB P #2
OLD CROSS CUT CANAL
BRIDGES
6/24/80 ADM JMP 103

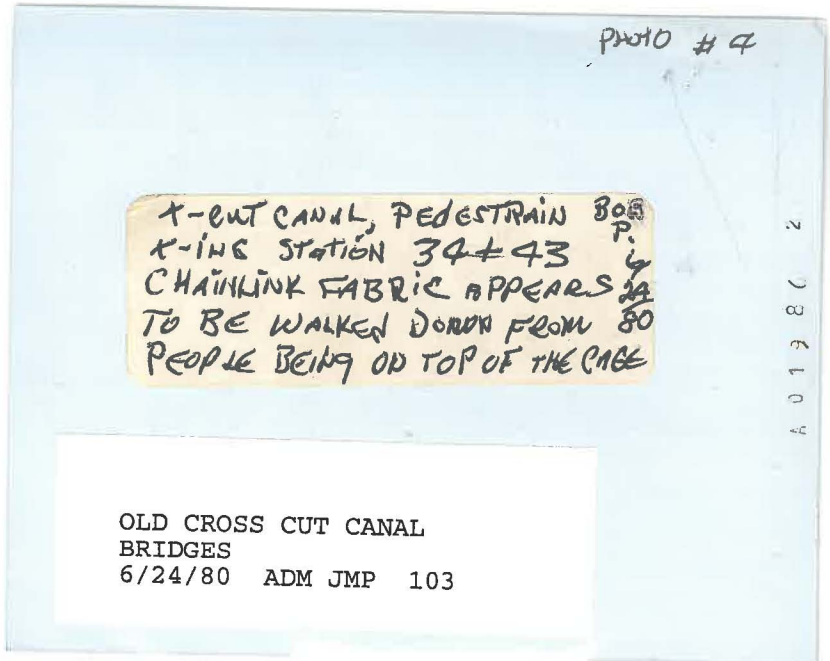
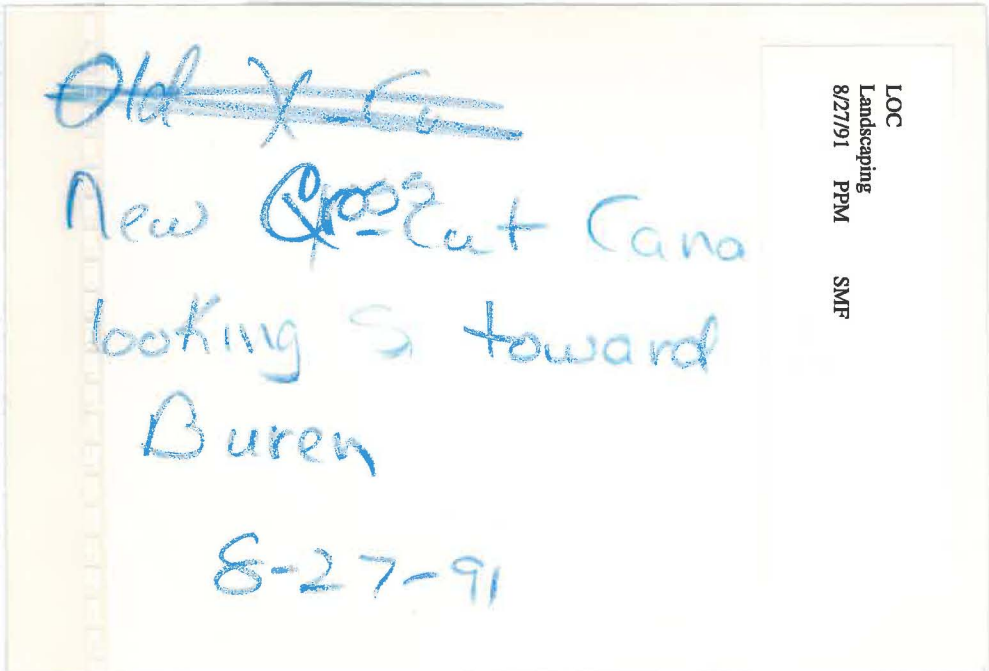
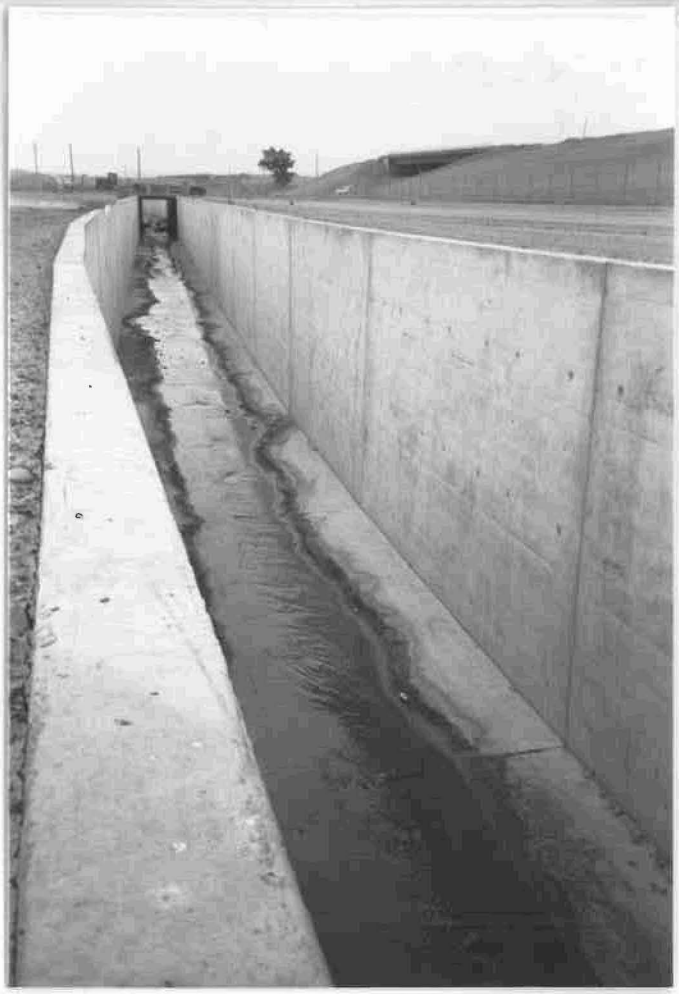


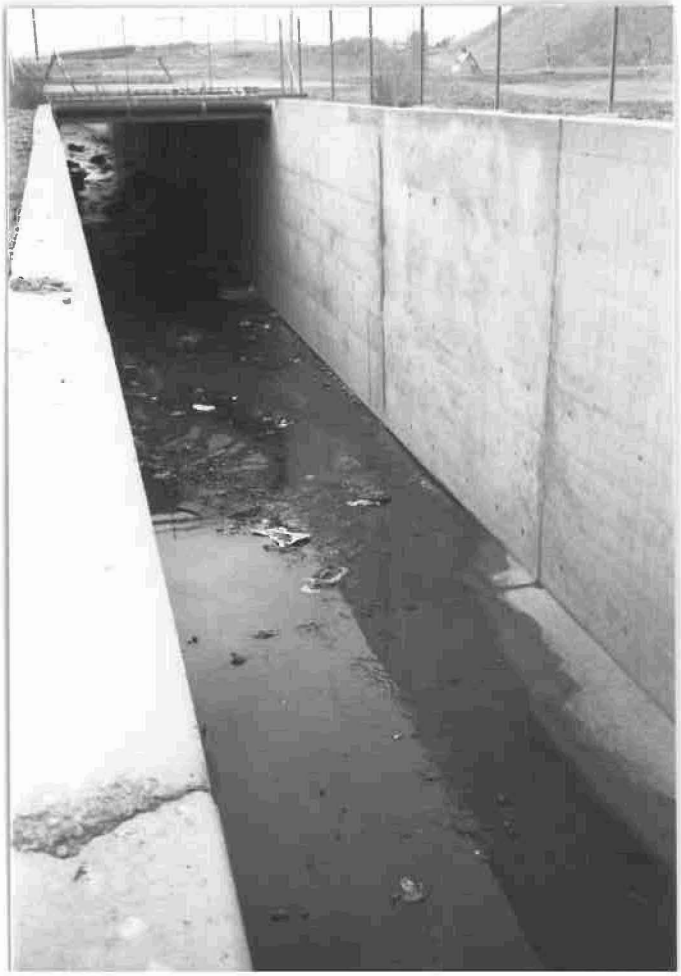
PHOTO #4
X-CUT CANAL, PEDESTRIAN X-ING STATION 34+43 CHAINLINK FABRIC APPEARS TO BE WALKED DOWN FROM PEOPLE BEING ON TOP OF THE CAGE BOB P. 6/24/80
OLD CROSS CUT CANAL
BRIDGES
6/24/80 ADM JMP 103


Old X-Cut
New Cross Cut Cana
looking S toward
Buren
8-27-91
LOC
Landscaping
8/27/91 PPM SMF

Old Cross Cut Canal 1991

Landscape





LOC
Landscaping
8/27/91 PPM SMF

at Van Buren,
looking South

between 44th & 48th St

E. Papago Fwy
on R.

8-27-91

LOC
Landscaping
8/27/91 PPM SMF

North - between
44th & 48th Sts

E. Papago Fwy
mound on L.

Cross Cut Canal

8-27-91

LOC
Landscaping
8/27/91 PPM SMF

Canal

N. of Van Buren

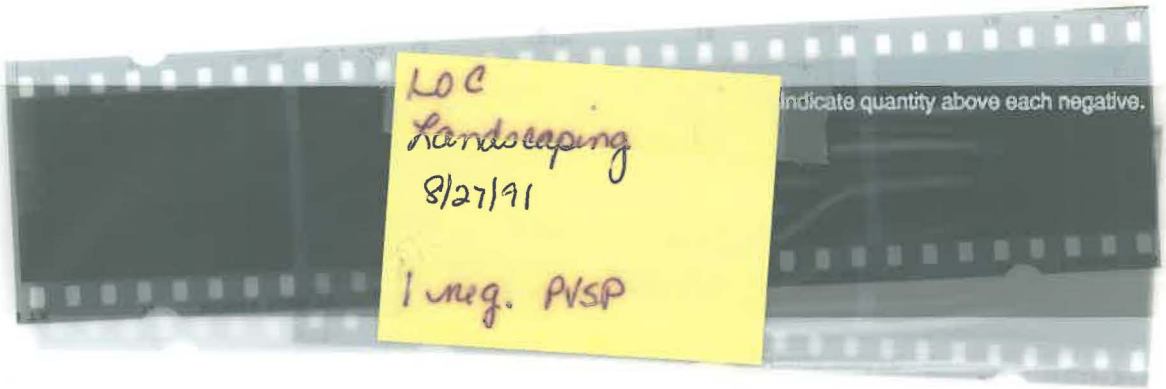
8-27-91

LOC
Landscaping
8/27/91 PPM SMF

looking north
between 44th & 48th Sts

E. Papago Fwy mound
on L.

8-27-91


LOC
Landscaping
8/27/91
1 neg. PVSP
indicate quantity above each negative.

48th Street Drain Landscaping 1974

48TH STREET LANDSCAPE 1974

AN ORIGINAL POLAROID® LAND PHOTOGRAPH

SUBJECT 48 St. Drain (Tempe) DATE 9-17-74

NAME Remove all of trash from

ADDRESS Drain East of 48 St.

For your convenience when ordering copies, indicate the number of

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WALLET SIZE COPIES

ITS

ITS

DES

Printed in U.S.A.

48TH STREET
DEBRIS
9/17/74 ADM JMP

AN ORIGINAL POLAROID® LAND PHOTOGRAPH

SUBJECT 48 St Drain DATE 9-17-74

NAME Head wall of concrete

ADDRESS Culvert Northend broken

cap (west side 48 St)

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DES

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48TH STREET
CANAL DAMAGE
9/17/74 ADM JMP

AN ORIGINAL POLAROID® LAND PHOTOGRAPH

SUBJECT 48 ST DRAIN DATE 9-6-74

NAME FACING EAST AT 48 TH ST

ADDRESS R.C.P.

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RGEMENTS

RGEMENTS

nm SLIDES

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48TH STREET
LANDSCAPE
9/6/74 ADM JMP

AN ORIGINAL POLAROID® LAND PHOTOGRAPH

SUBJECT 48 TH ST DRAIN 9-6-74

NAME FACING WEST AT 48 TH ST

ADDRESS

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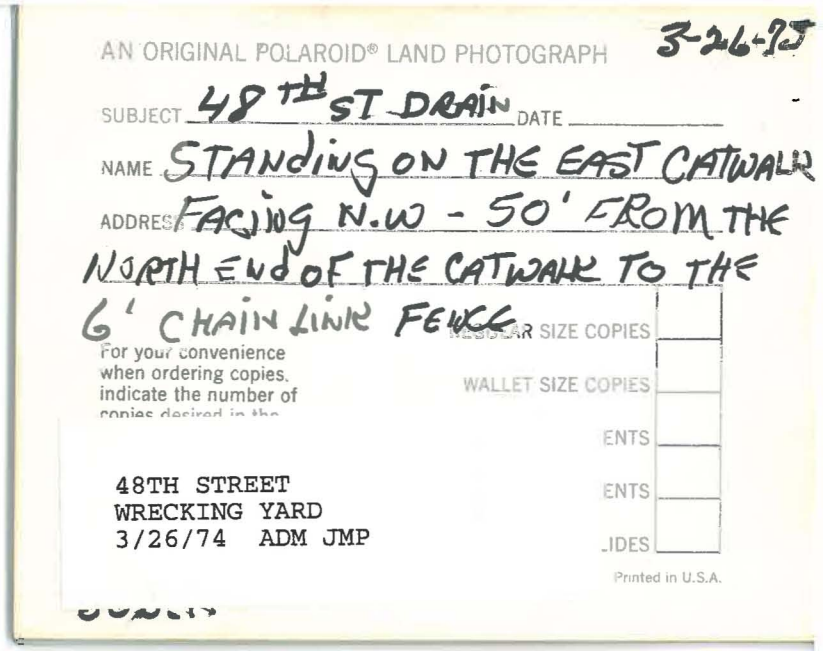
48TH STREET
LANDSCAPE
9/6/74 ADM JMP



AN ORIGINAL POLAROID® LAND PHOTOGRAPH 3-26-75

SUBJECT 48 TH ST DRAIN DATE

NAME STANDING ON THE EAST CATWALK

ADDRESS FACING N.W - 50' FROM THE NORTH END OF THE CATWALK TO THE 6' CHAIN LINK FENCE

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48TH STREET
WRECKING YARD
3/26/74 ADM JMP

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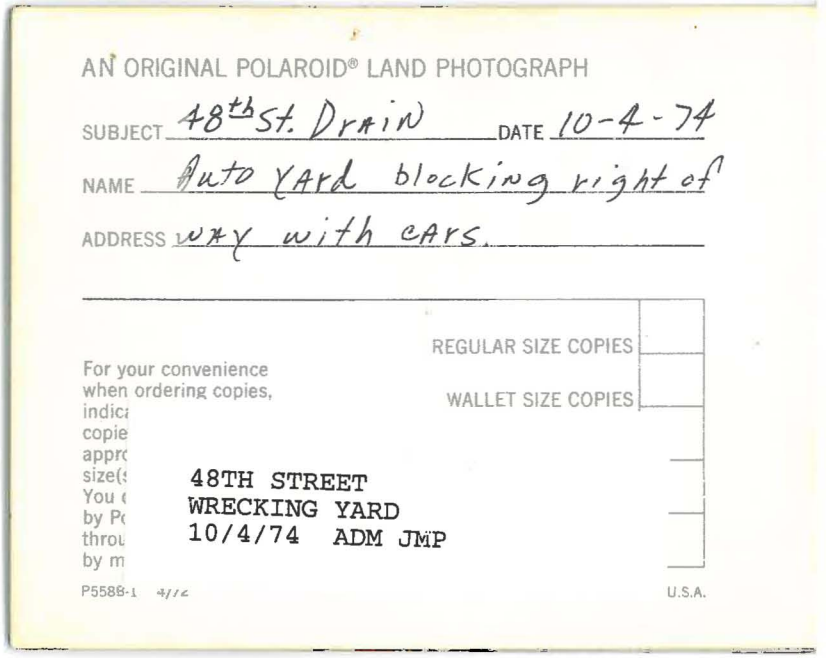

AN ORIGINAL POLAROID® LAND PHOTOGRAPH

SUBJECT 48th St. Drain DATE 10-4-74

NAME Auto yard blocking right of

ADDRESS way with cars.

For your convenience when ordering copies, indic copie appr size(s You by P throu by m

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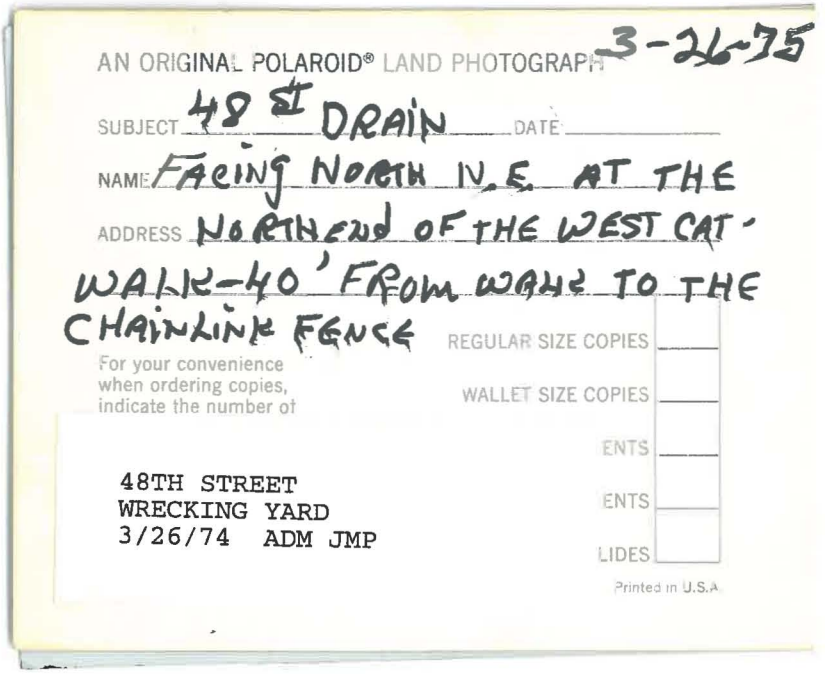
WALLET SIZE COPIES

48TH STREET
WRECKING YARD
10/4/74 ADM JMP

P5588-1 4/74

U.S.A.



AN ORIGINAL POLAROID® LAND PHOTOGRAPH 3-26-75

SUBJECT 48 St DRAIN DATE

NAME FACING NORTH N.E. AT THE

ADDRESS NORTH END OF THE WEST CAT-WALK-40' FROM WALL TO THE CHAINLINK FENCE

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ENTS
ENTS
LIDES

48TH STREET
WRECKING YARD
3/26/74 ADM JMP

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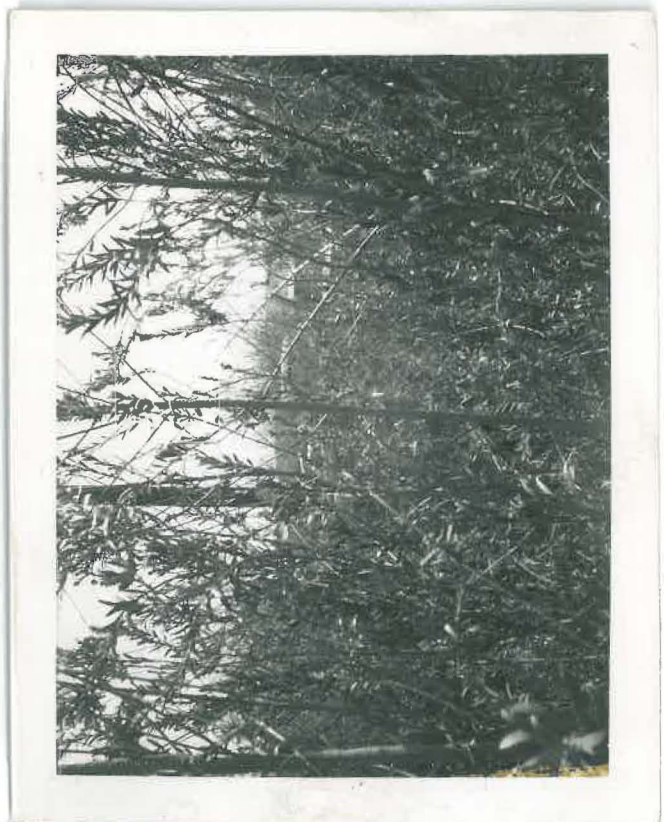
48th Street Drain Trash 1975

48TH STREET DEBRIS 1975

48TH STREET WRECKING YARD 1975



AN ORIGINAL POLAROID® LAND PHOTOGRAPH

3-11-75

SUBJECT 48TH DRAIN AND L CONT. DATE

NAME PILE OF MESQUITES

ADDRESS ETC. WHICH WAS RE-MOVED FROM THE NORTH R/W LINE SO PROPERTY OWNER COULD INSTALL 6' CHAIN

WALLET SIZE COPIES

48TH STREET
DEBRIS
3/11/75 ADM JMP

R/O/W LINE

AN ORIGINAL POLAROID® LAND PHOTOGRAPH

3-27-75

SUBJECT TRASH - 48TH ST DRAIN DATE

NAME 400' WEST OF 36TH ST

ADDRESS ON THE SOUTH BANK OF THE CANAL - LUMBER AND TRASH WAS HAULED IN AND DUMPED - 180' IN LENTH - SEVERAL ON HECTOR MBER AT PROPERTY

48TH STREET
DEBRIS
3/27/75 ADM JMP

AN ORIGINAL POLAROID® LAND PHOTOGRAPH

SUBJECT 48th St. Drain DATE 3-11-75

NAME looking North from Illini

ADDRESS Rd at Don Hector's Storage Yard, just South of drain

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WALLET SIZE COPIES

48TH STREET
WRECKING YARD
3/11/75 ADM JMP

Printed in U.S.A.

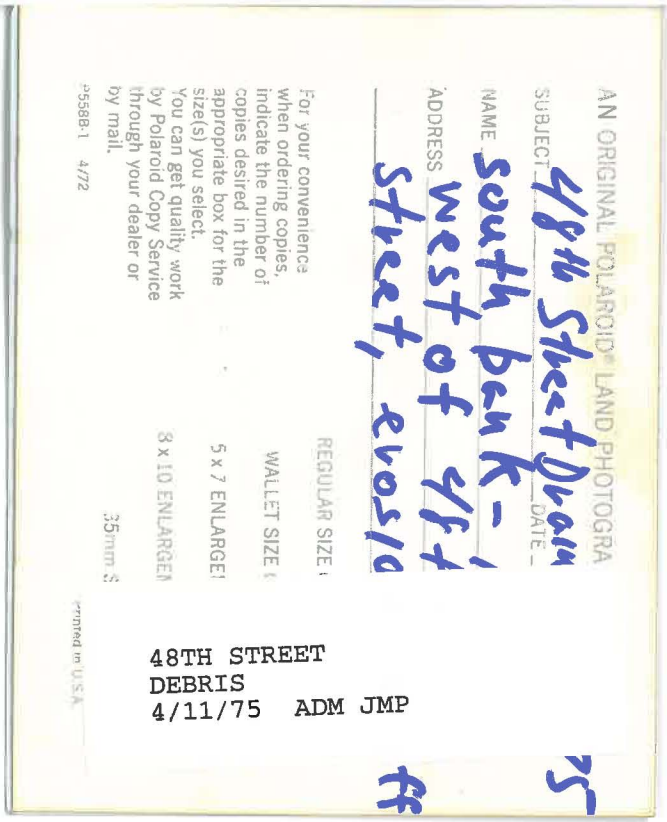
AN ORIGINAL POLAROID® LAND PHOTOGRAPH

SUBJECT 48th Street Drain 4-11-75 DATE

NAME to ½ mile west of 48th. looking north across and through brush - about 8' high - truck in center

WALLET SIZE COPIES

48TH STREET
DEBRIS
4/11/75 ADM JMP


AN ORIGINAL POLAROID® LAND PHOTOGRA

SUBJECT 48th Street Drain DATE

NAME South bank - 150

ADDRESS West of 48th Street, erosion

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REGULAR SIZE

WALLET SIZE

5 x 7 ENLARGE

8 x 10 ENLARGEN

35mm S

P5588-1 4/72

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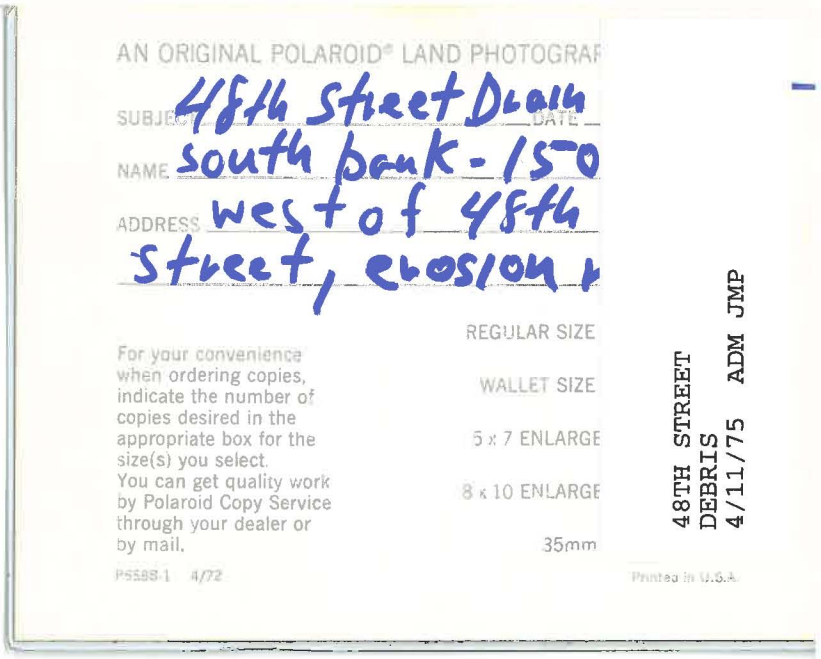
48TH STREET
DEBRIS
4/11/75 ADM JMP


AN ORIGINAL POLAROID® LAND PHOTOGRAF

SUBJ DATE

NAME South bank - 150

ADDRESS West of 48th Street, erosion

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REGULAR SIZE

WALLET SIZE

5 x 7 ENLARGE

8 x 10 ENLARGE

35mm

P5588-1 4/72

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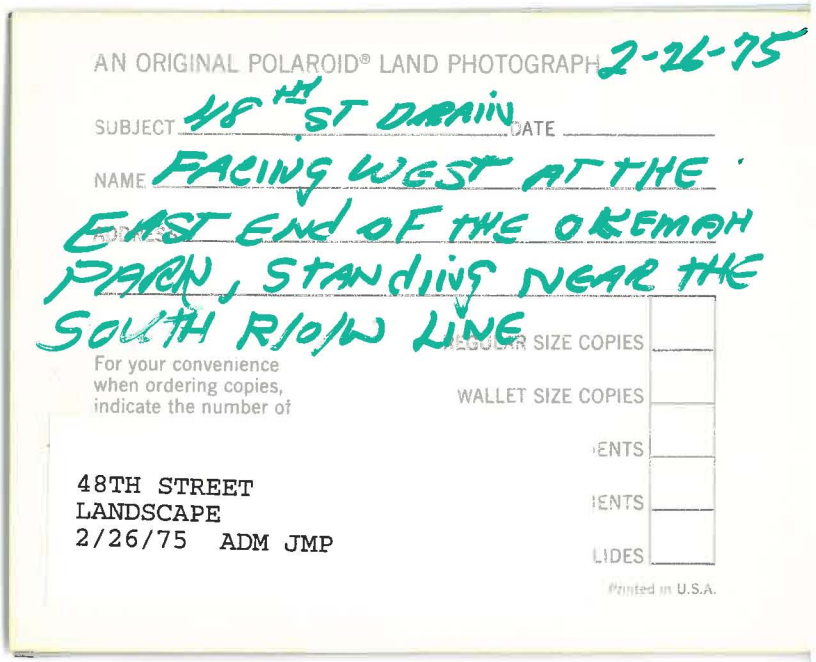
48TH STREET
DEBRIS
4/11/75 ADM JMP


AN ORIGINAL POLAROID® LAND PHOTOGRAPH 2-26-75

SUBJECT 48TH ST DRAIN DATE

NAME FACING WEST AT THE EAST END OF THE OKEMAH PARK, STANDING NEAR THE SOUTH R/O/W LINE

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ENTS

ENTS

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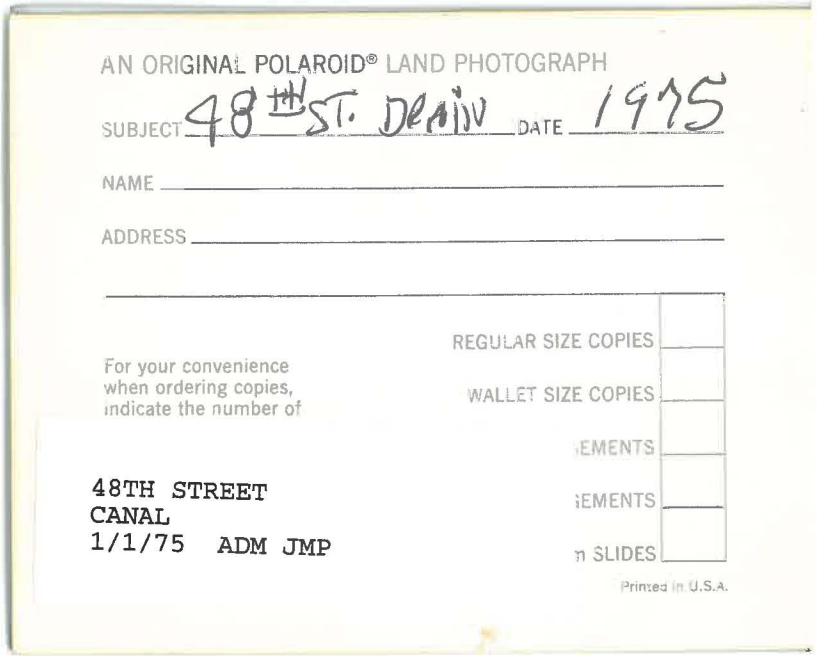
48TH STREET
LANDSCAPE
2/26/75 ADM JMP


AN ORIGINAL POLAROID® LAND PHOTOGRAPH

SUBJECT 48TH ST. DRAIN DATE 1975

NAME

ADDRESS

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EMENTS

EMENTS

n SLIDES

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48TH STREET
CANAL
1/1/75 ADM JMP

48th Street Drain Vegetation 1976

48TH ST DRAIN 9/21/76

STANDING ON THE NORTH BANK. FACEING EAST, NEAR THE WEST WALKWAY TO THE OKEMAH PARK.

48TH STREET
VEGETATION
9/21/76 ADM JMP

BoB P

F60 3071 P

48TH ST DRAIN 9/21/76

48TH STREET
VEGETATION
9/21/76 ADM JMP

F60 3071 P

48TH ST DRAIN 9/21/76

48TH STREET
VEGETATION
9/21/76 ADM JMP

Bob P

F60 3071 P

48TH ST DRAIN 9/21/76

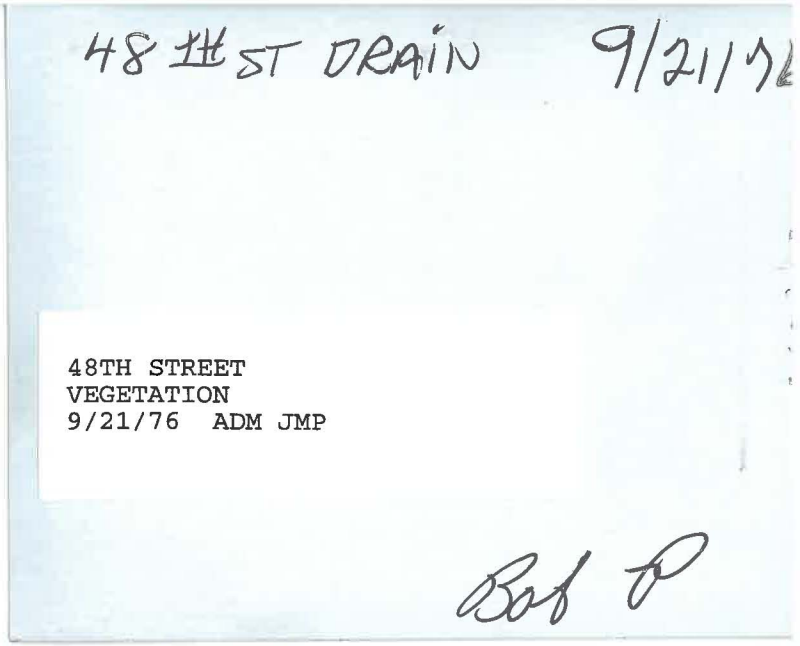
EAST OF SHAFER GLASS CO. DRIVEWAY

48TH STREET
VEGETATION
9/21/76 ADM JMP

BoB P

F60 3071 P

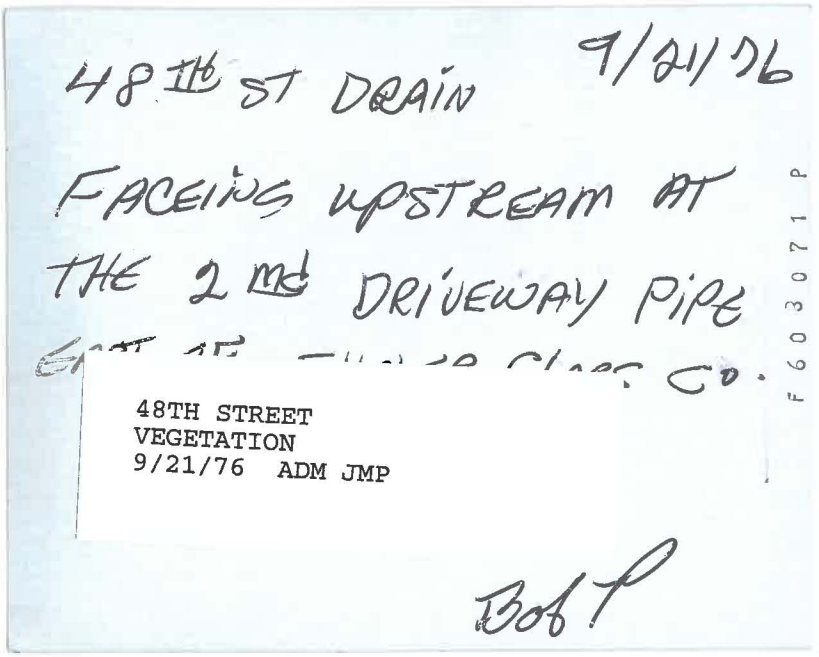
48 TH ST DRAIN 9/21/76



Bob P

48 TH ST DRAIN 9/21/76

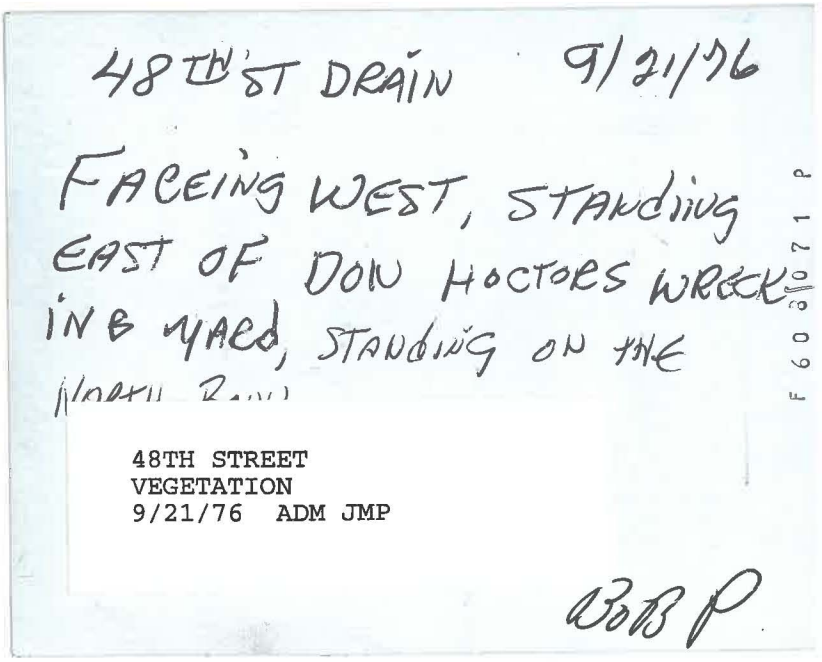
FACEING UPSTREAM AT THE 2 nd DRIVEWAY PIPE EAST OF [illegible] CO.



Bob P

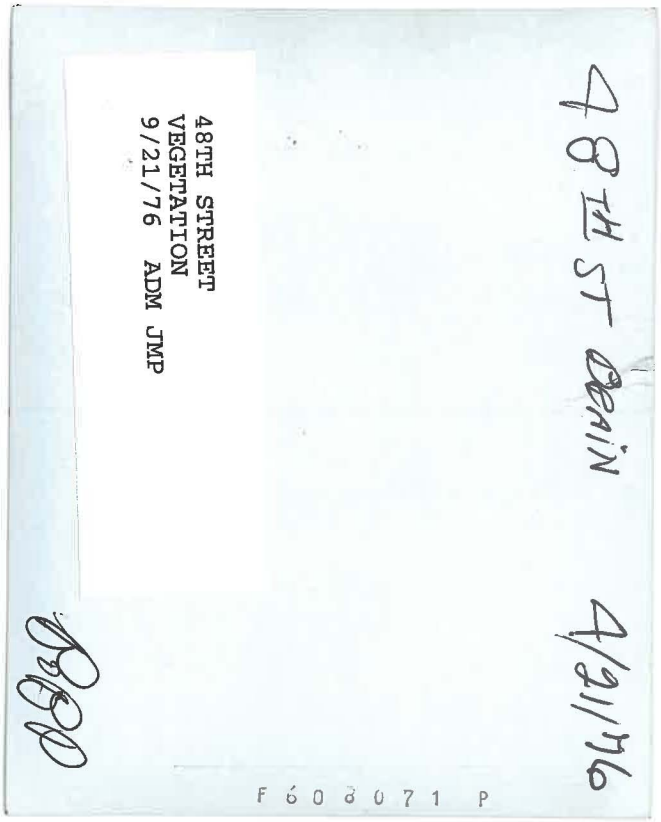
48TH ST DRAIN 9/21/76

FACEING WEST, STANDING EAST OF DON HOCTORS WRECKING YARD, STANDING ON THE NORTH BANK

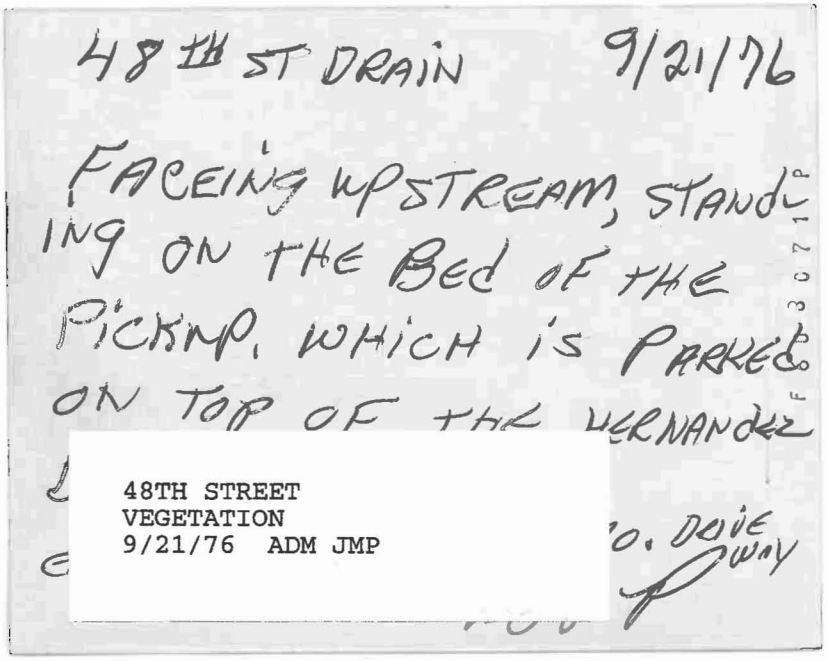


BOB P

48TH ST DRAIN 9/21/76



BOB


48TH ST DRAIN 9/21/76
FACEING UPSTREAM, STAND-
ING ON THE BED OF THE
PICKUP. WHICH IS PARKED
ON TOP OF THE HERNANDEZ
48TH STREET
VEGETATION
9/21/76 ADM JMP
F 3071 P

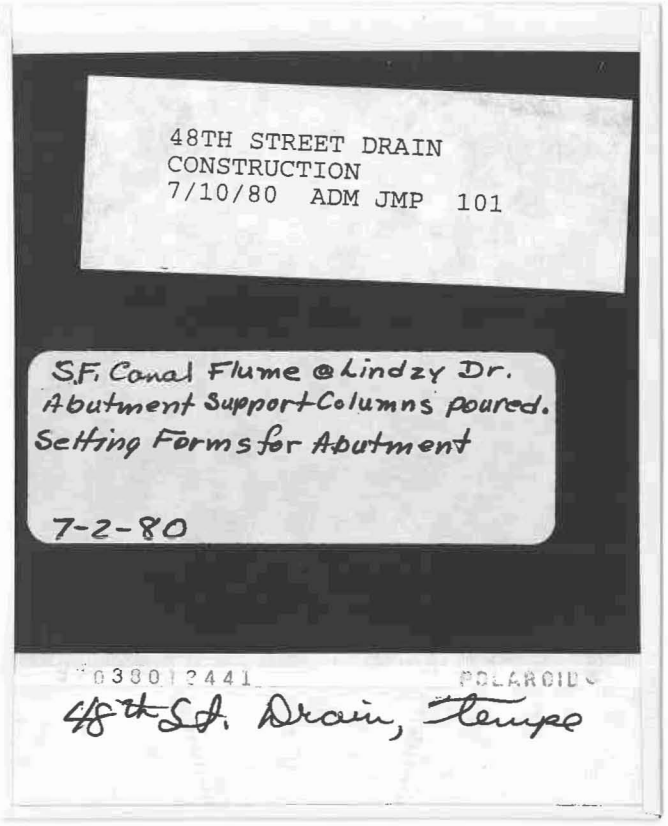
48th Street Drain Construction 1980

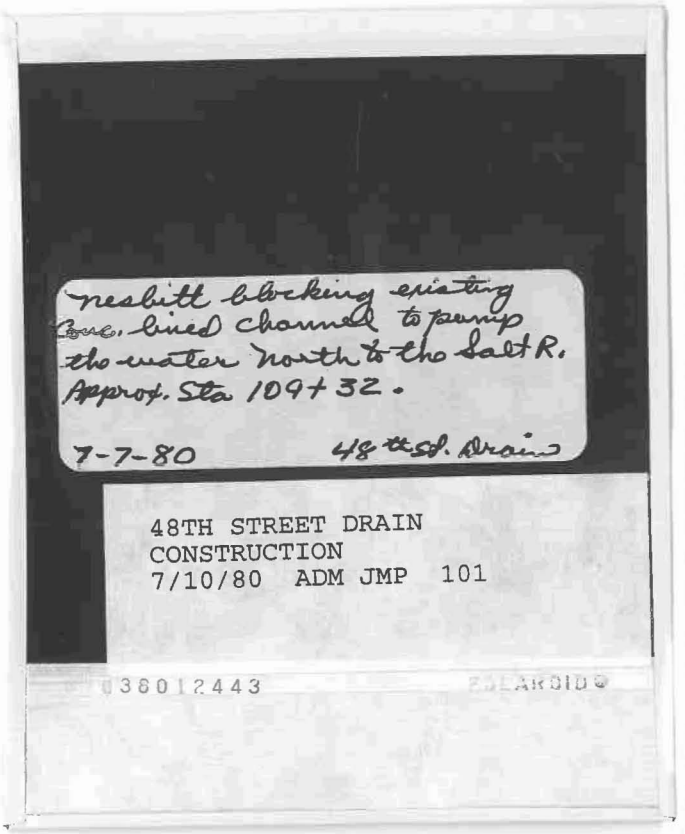
7-2-80

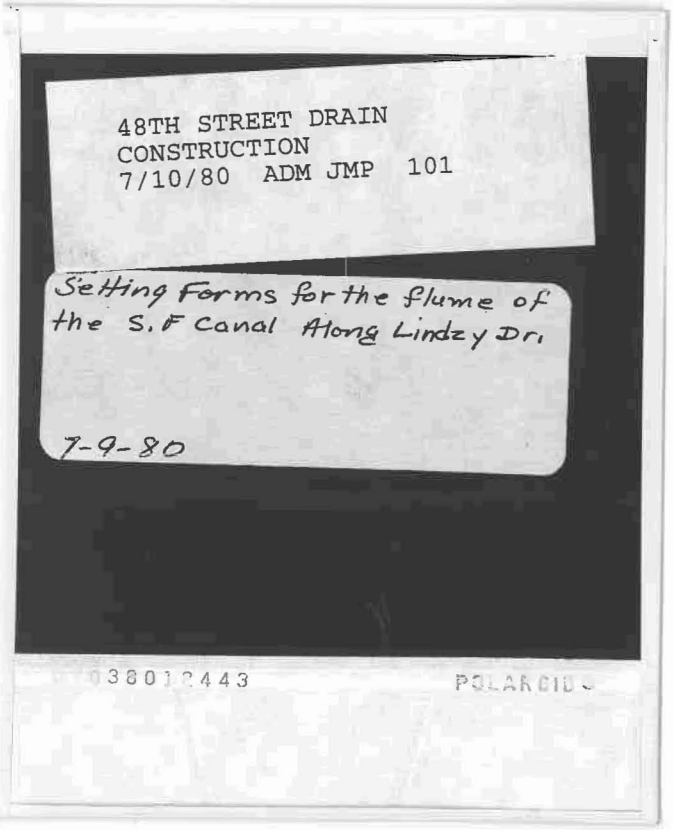
7-2-80

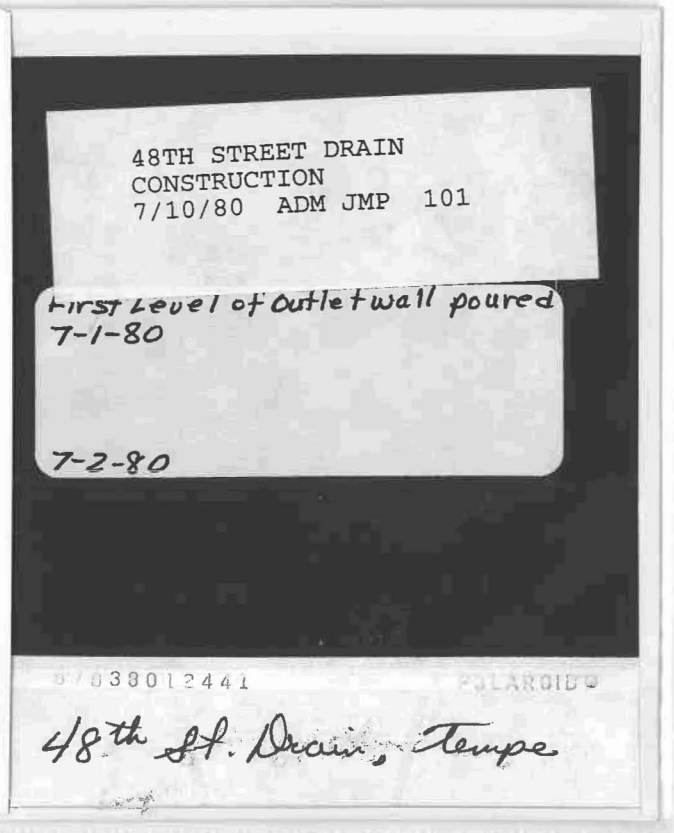
7-2-80

7-2-80

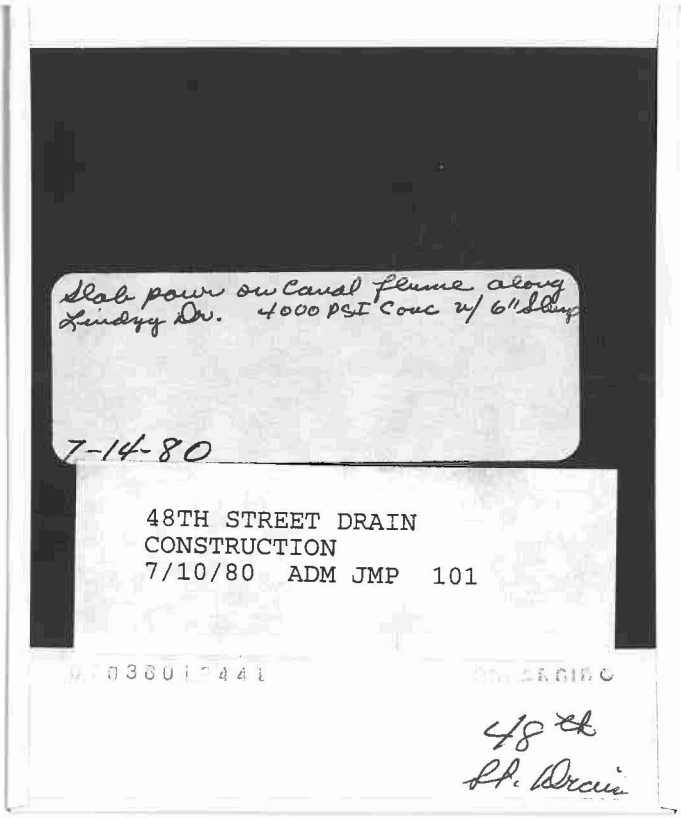

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
S.F. Canal Flume @ Lindzy Dr.
Abutment Support Columns poured.
Setting Forms for Abutment
7-2-80
038012441
POLAROID
48th St. Drain, Tempe

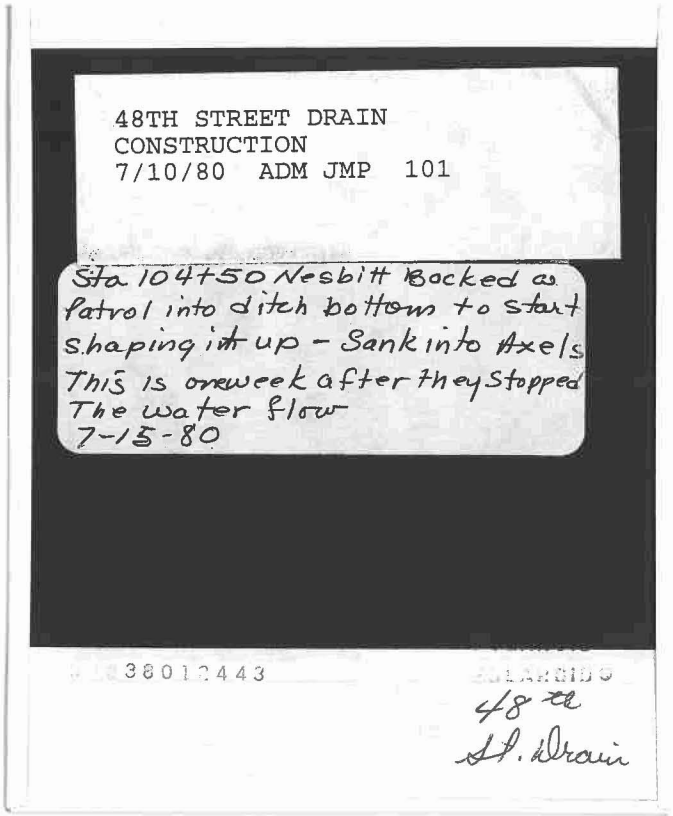

resbitt blocking existing
conc. lined channel to pump
the water north to the Salt R.
Approx. Sta 109+32.
7-7-80
48th St. Drain
48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
038012443
POLAROID

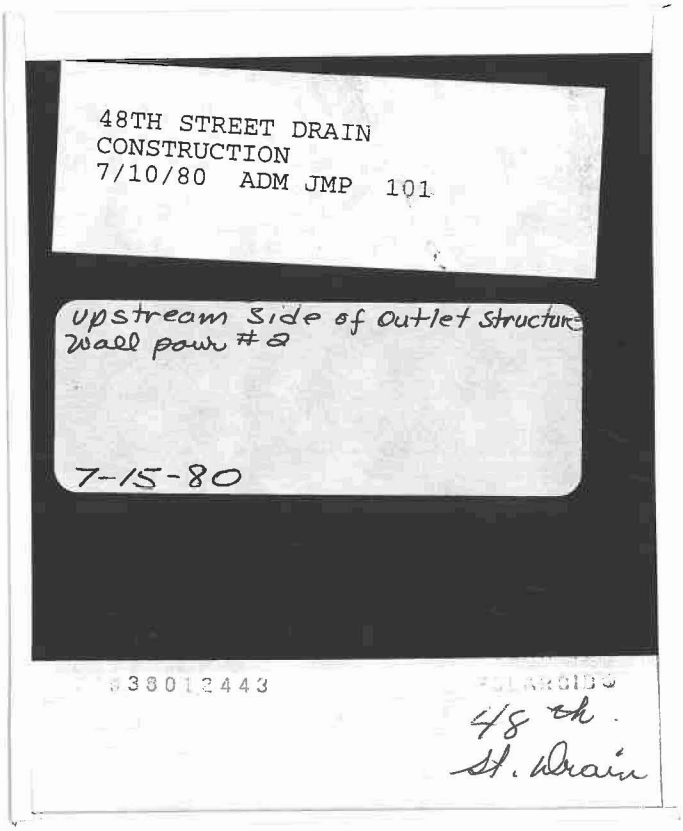

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
Setting Forms for the flume of
the S.F Canal Along Lindzy Dr.
7-9-80
038012443
POLAROID

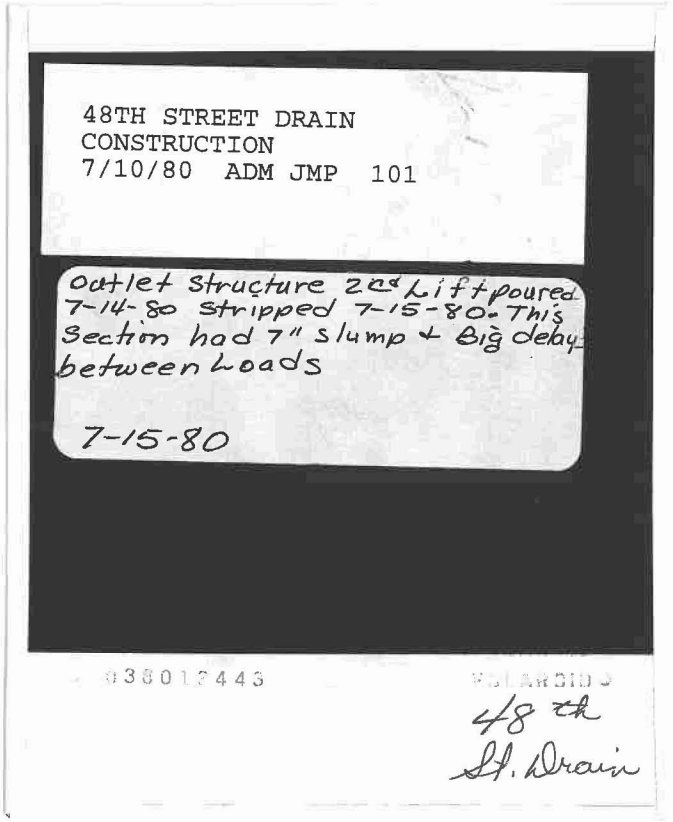

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
First Level of Outlet wall poured
7-1-80
7-2-80
038012441
POLAROID
48th St. Drain, Tempe

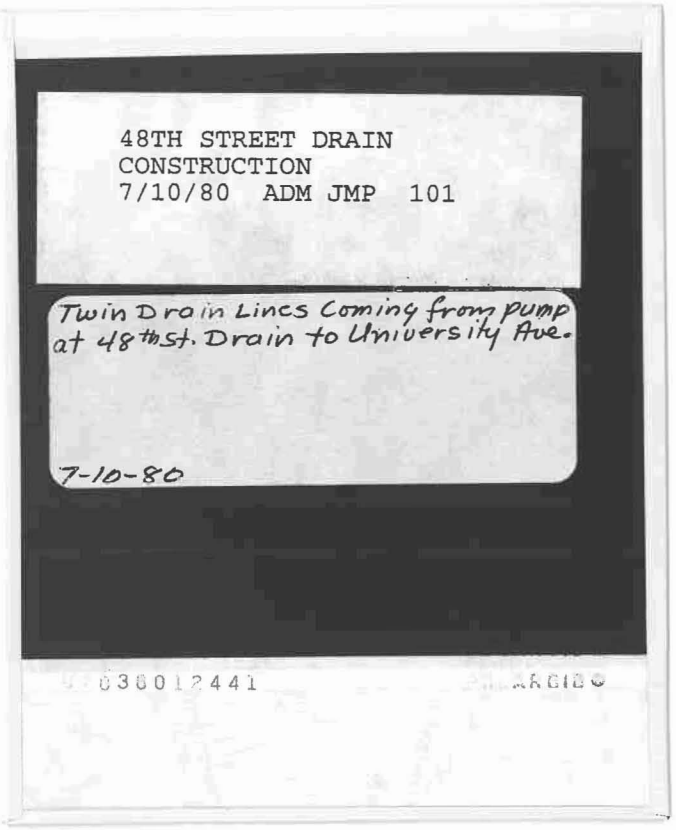
rusted
left
out

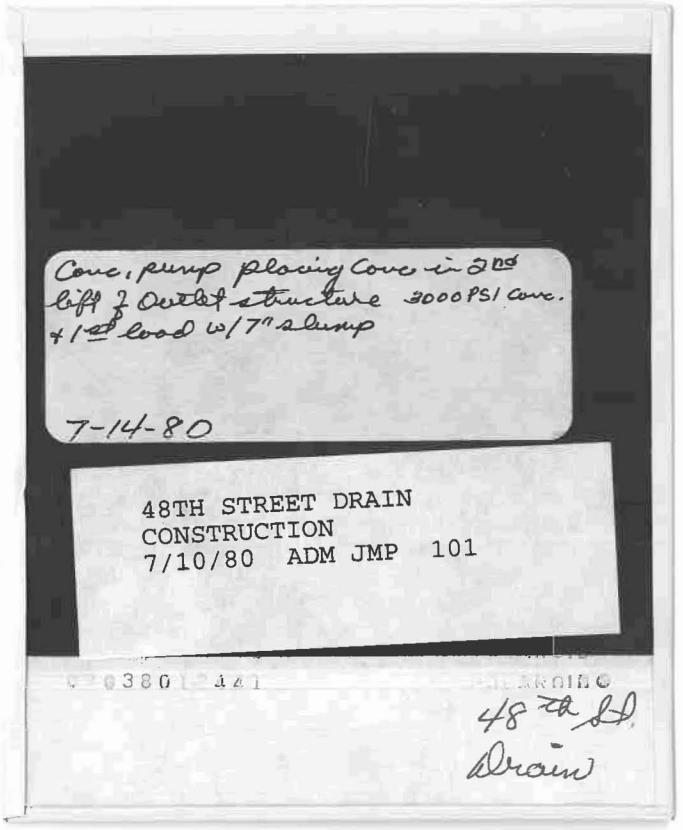

Slab pour on Canal flume along Lindsey Dr. 4000 PSI Conc w/ 6" Slump
7-14-80
48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
038012441
48th St. Drain

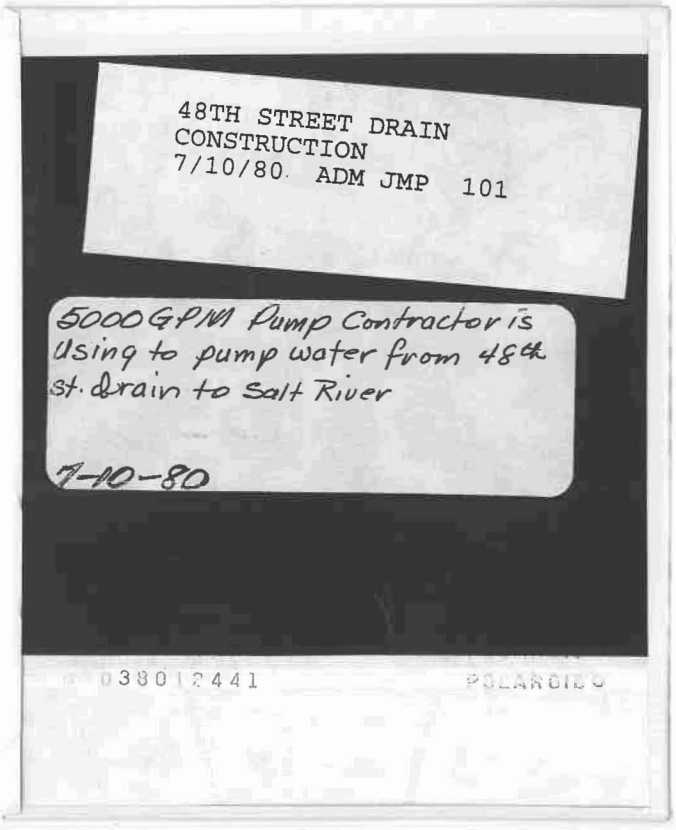

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
Sta 104+50 Nesbitt Bocked a Patrol into ditch bottom to start shaping it up - Sank into Axels This is one week after they Stopped The water flow
7-15-80
038012443
48th St. Drain

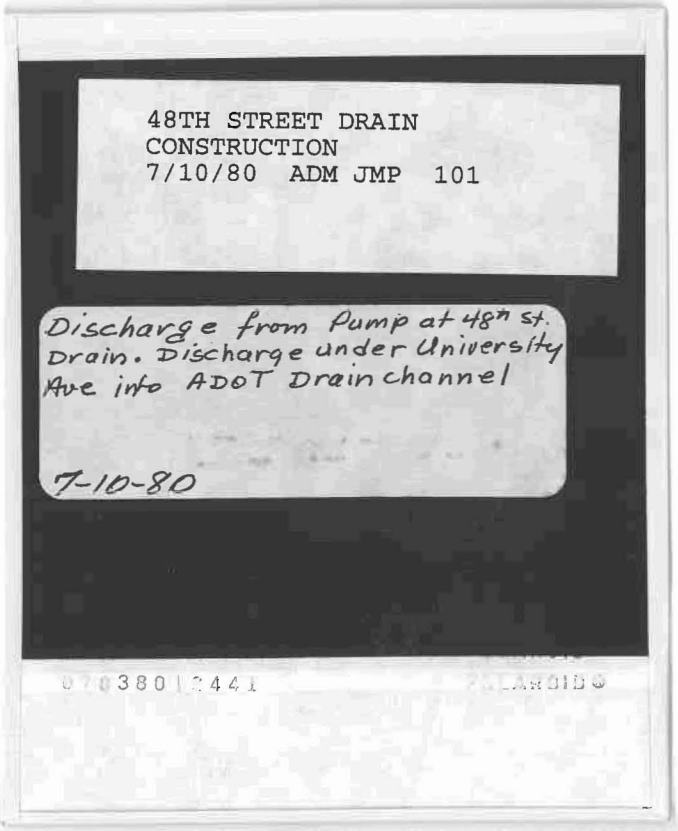

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
upstream side of outlet structure Wall pour #2
7-15-80
038012443
48th St. Drain


48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
outlet structure 2nd Lift poured 7-14-80 stripped 7-15-80. This Section had 7" slump + Big delay between Loads
7-15-80
038012443
48th St. Drain

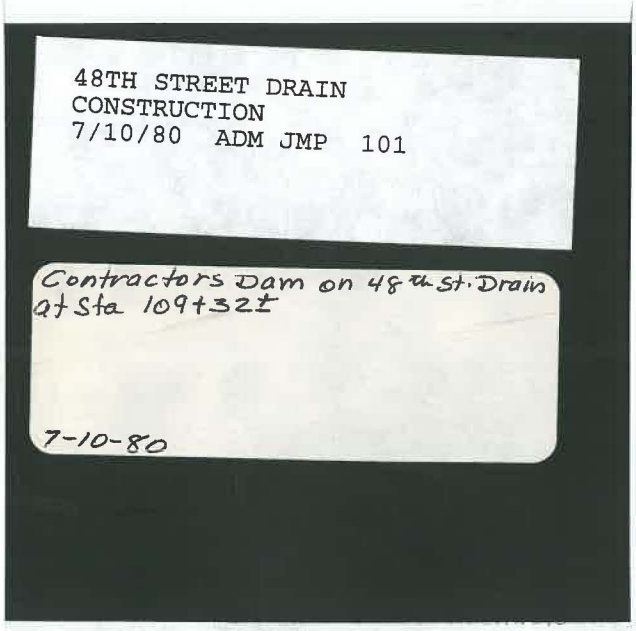

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
Twin Drain Lines Coming from pump at 48th St. Drain to University Ave.
7-10-80
0380 2441
POLAROID

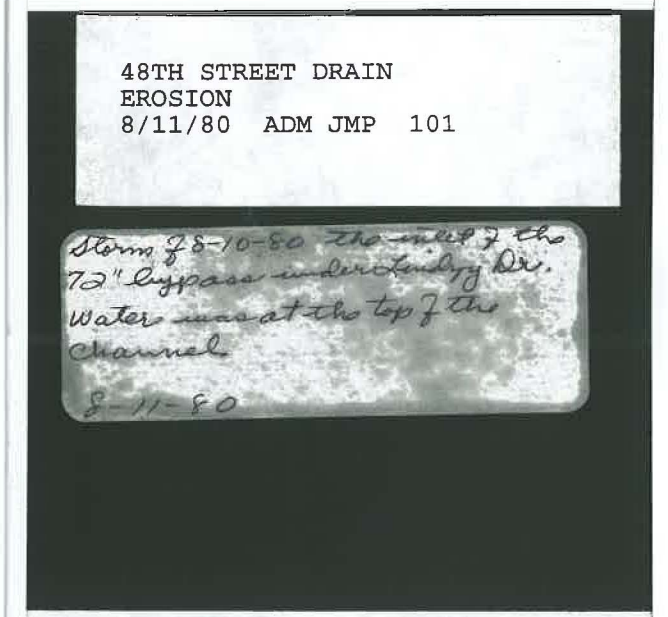

Conc. pump placing Conc in 2nd lift of Outlet structure 3000 PSI conc. w/ 1st load w/ 7" slump
7-14-80
48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
0380 2441
POLAROID
48th St. Drain

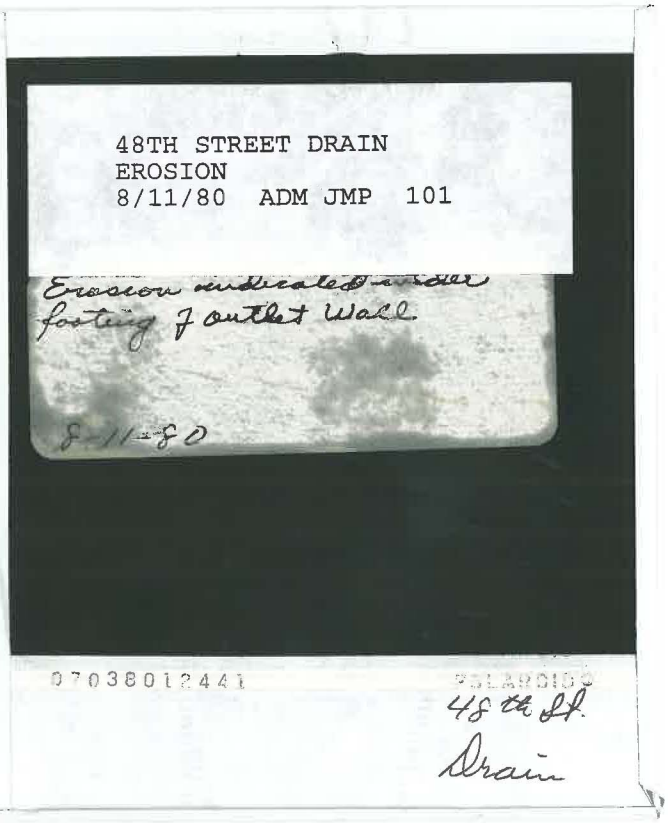

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
5000 GPM Pump Contractor is using to pump water from 48th St. drain to Salt River
7-10-80
0380 2441
POLAROID

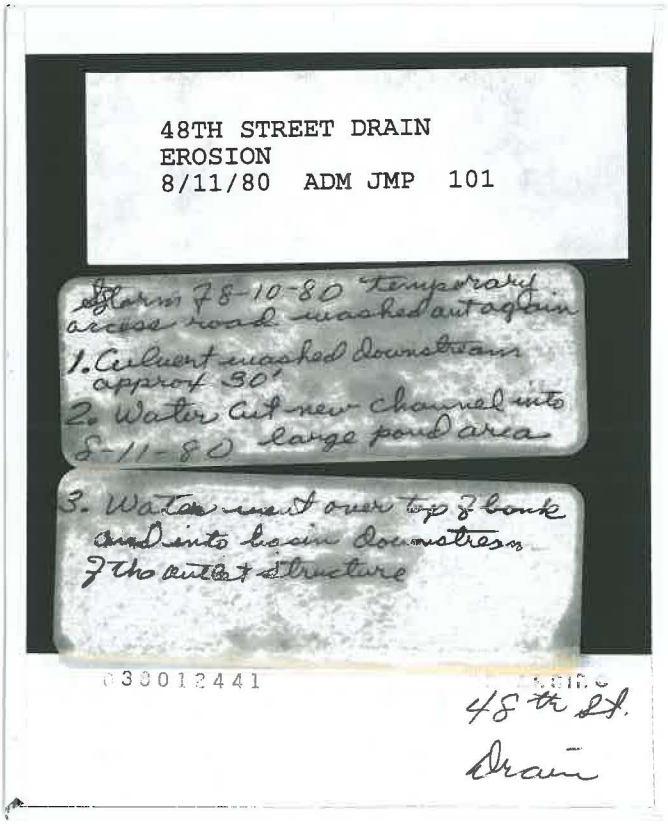

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
Discharge from Pump at 48th St. Drain. Discharge under University Ave into ADOT Drain channel
7-10-80
0380 2441
POLAROID

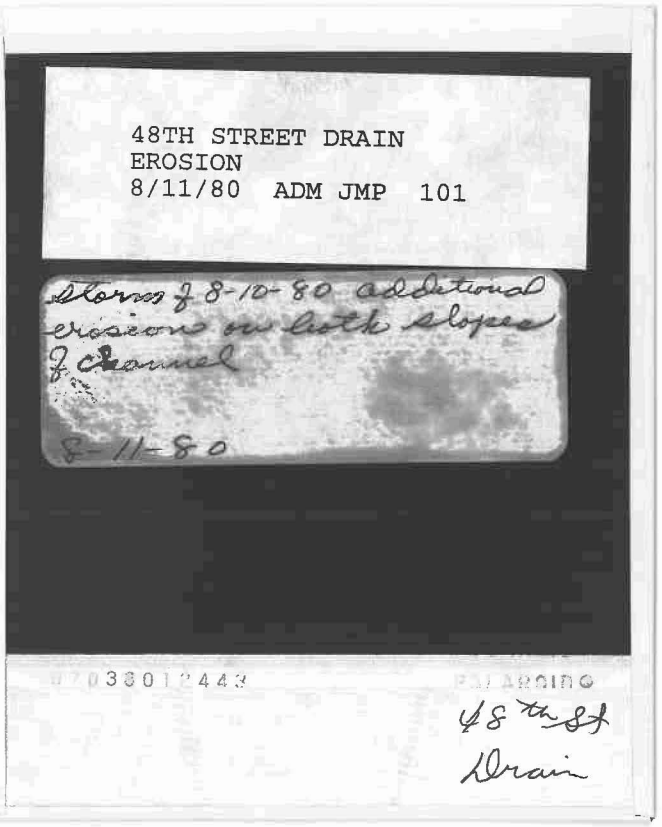
3
2
1

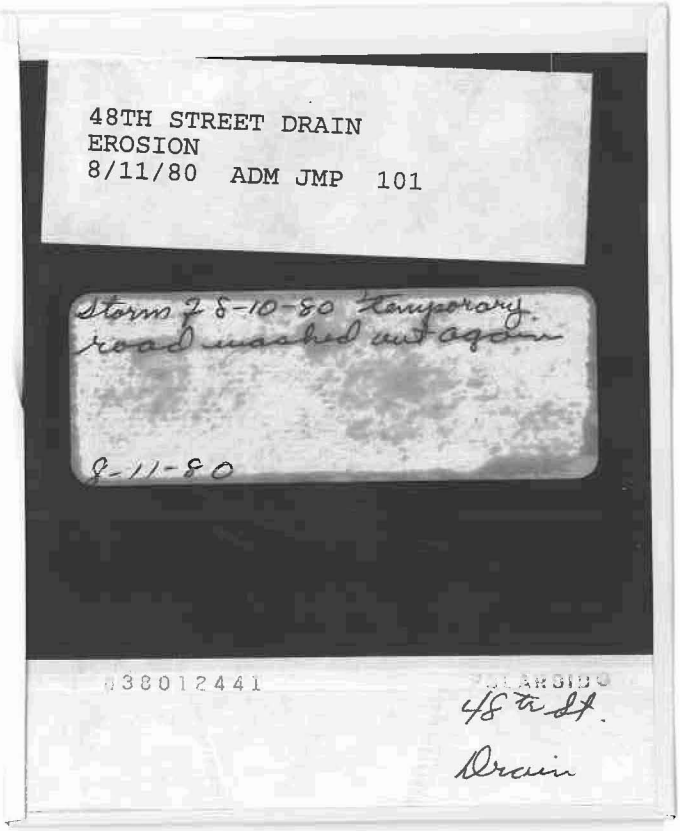

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
Contractors Dam on 48th St. Drain at Sta 109+32±
7-10-80
038012441
POLAROID

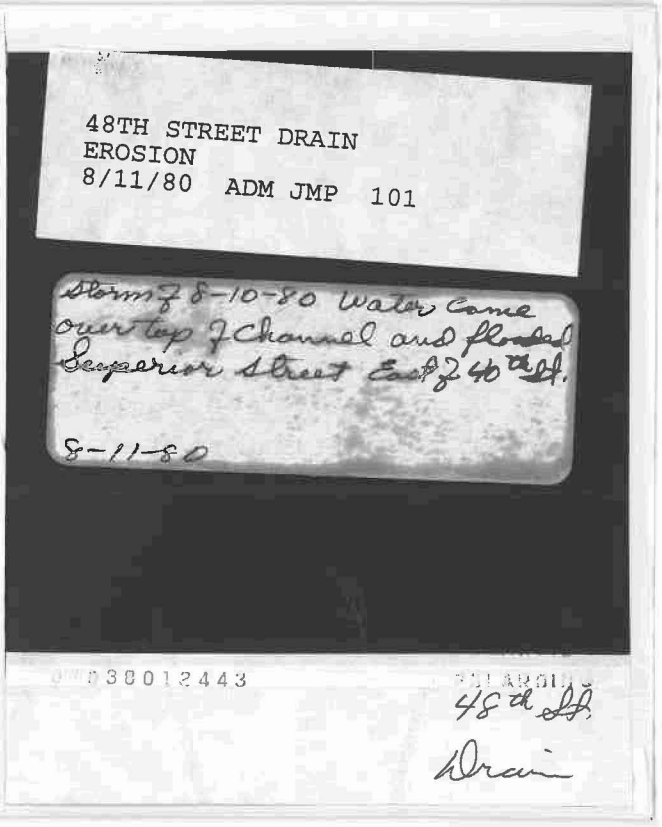

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Storm 8-10-80 the inlet of the 72" bypass undercutting Dr. Water was at the top of the channel
8-11-80
07038012441
POLAROID
48th St Drain

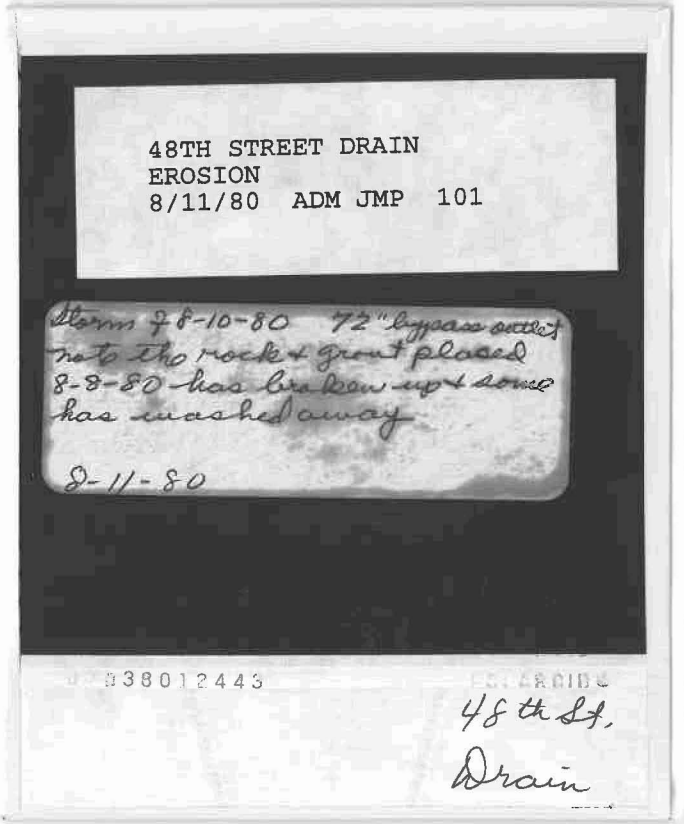

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Erosion undercut under footing of outlet Wall
8-11-80
07038012441
POLAROID
48th St.
Drain

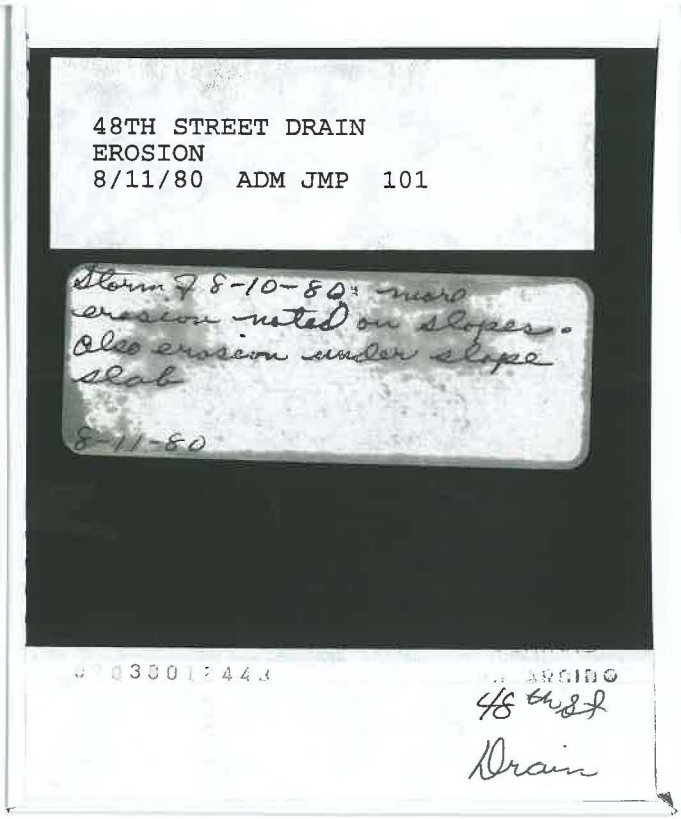

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Storm 8-10-80 "temporary access road washed out again
1. Culvert washed downstream approx 30'
2. Water cut new channel into large pond area
8-11-80
3. Water went over top of bank and into basin downstream of the outlet structure
038012441
48th St.
Drain

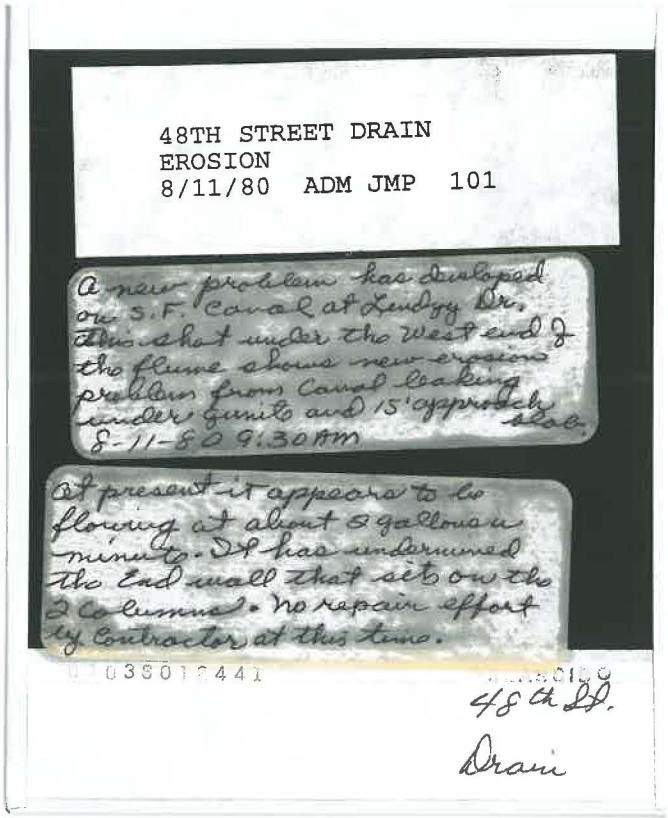

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Storm of 8-10-80 additional erosion on both slopes of channel
8-11-80
038012443
48th St
Drain

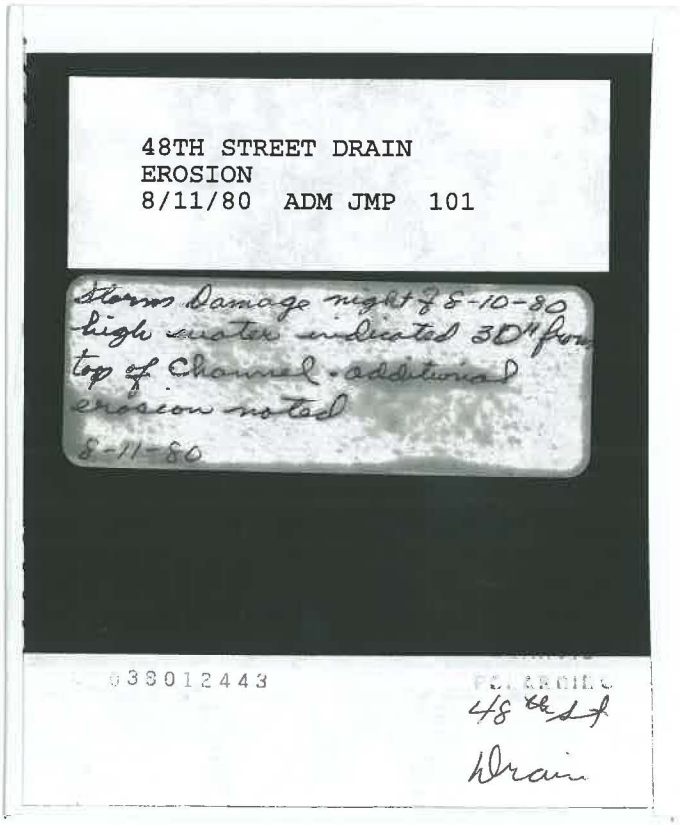

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Storm of 8-10-80 Temporary road washed out again
8-11-80
038012441
48th St.
Drain

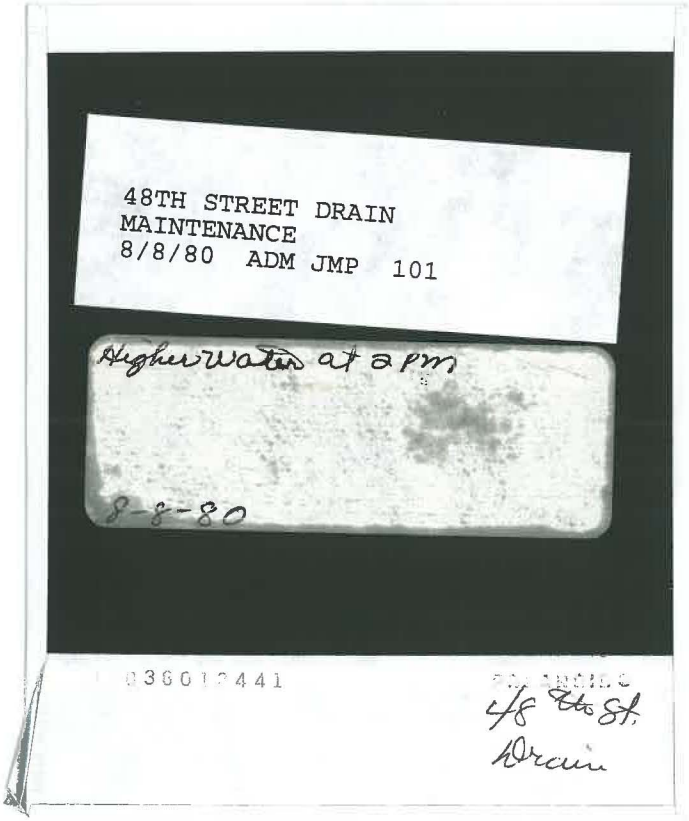

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Storm of 8-10-80 Water came over top of channel and flooded Sesperior Street East of 40th St.
8-11-80
038012443
48th St.
Drain

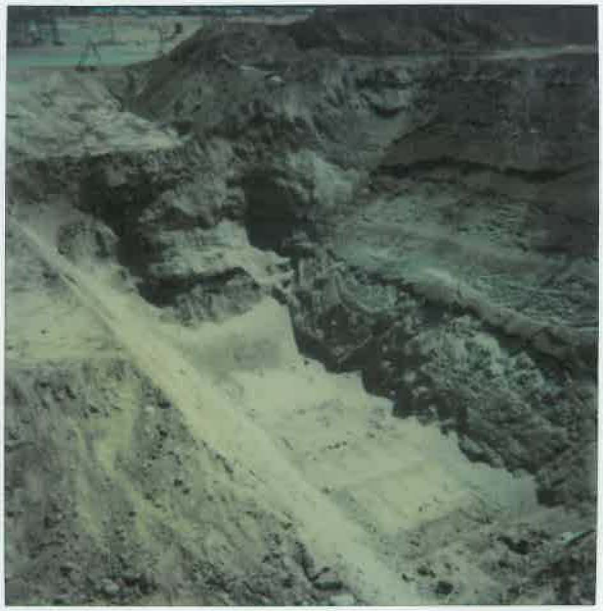

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Storm of 8-10-80 72" bypass outlet next to the rock + grout placed 8-8-80 - has broken up + some has washed away.
8-11-80
038012443
48th St.
Drain

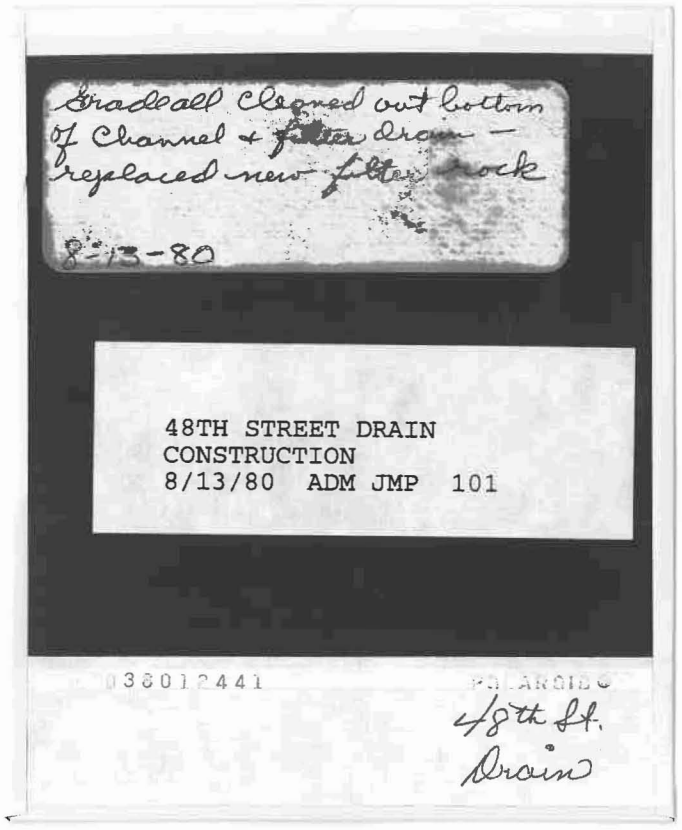

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Storm of 8-10-80 - more erosion noted on slopes. Also erosion under slope slab
8-11-80
033012443
48th St
Drain

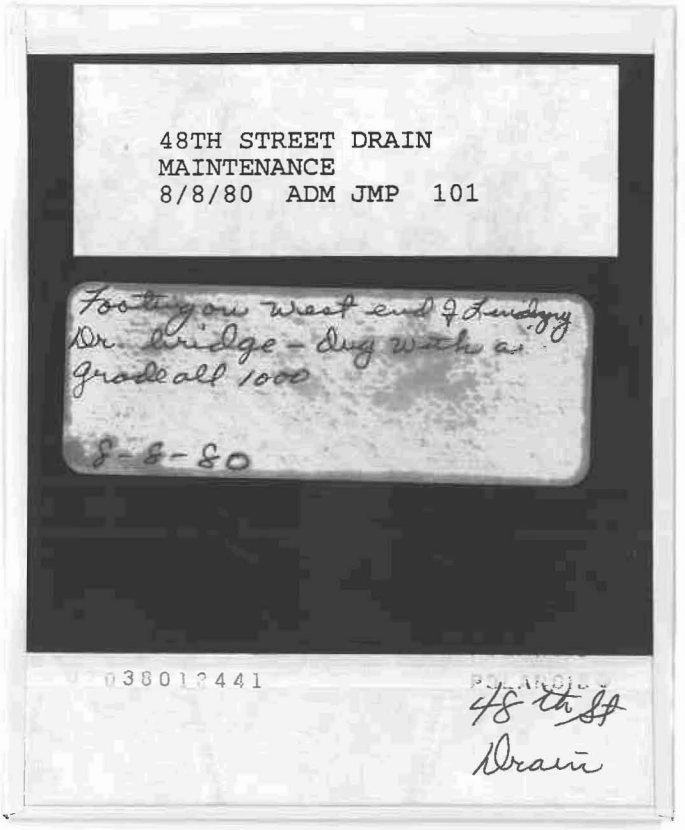

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
A new problem has developed on S.F. canal at Ludgy Dr. This shot under the West end of the flume shows new erosion problem from canal leaking under gunite and 15' approach slab
8-11-80 9:30 AM
At present it appears to be flowing at about 5 gallons a minute. It has undermined the end wall that sits on the 2 columns. No repair effort by Contractor at this time.
033012441
48th St.
Drain

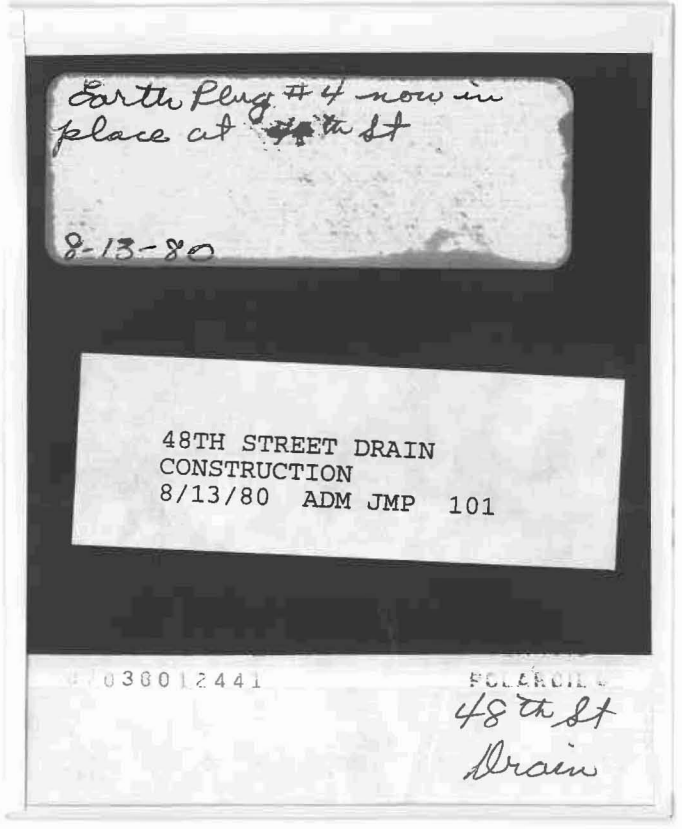

48TH STREET DRAIN
EROSION
8/11/80 ADM JMP 101
Storm Damage night of 8-10-80 high water indicated 30" from top of Channel - additional erosion noted
8-11-80
033012443
48th St
Drain

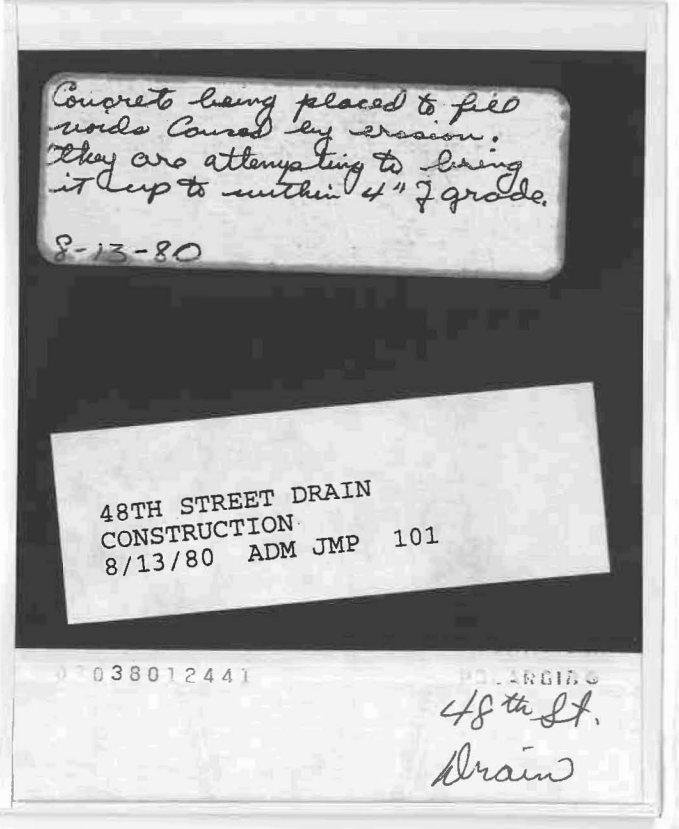

48TH STREET DRAIN
MAINTENANCE
8/8/80 ADM JMP 101
Higher water at 2 PM
8-8-80
033012441
48th St.
Drain

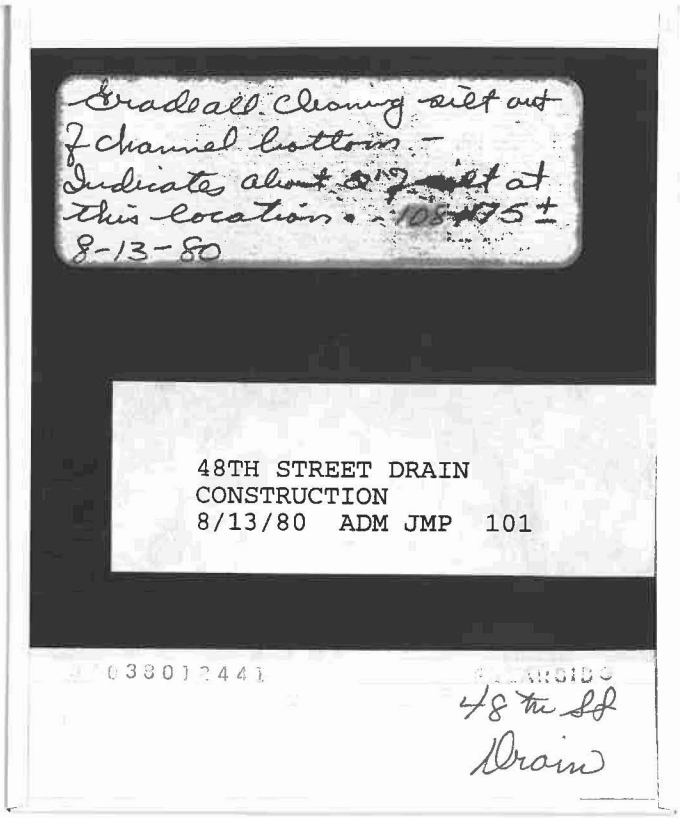


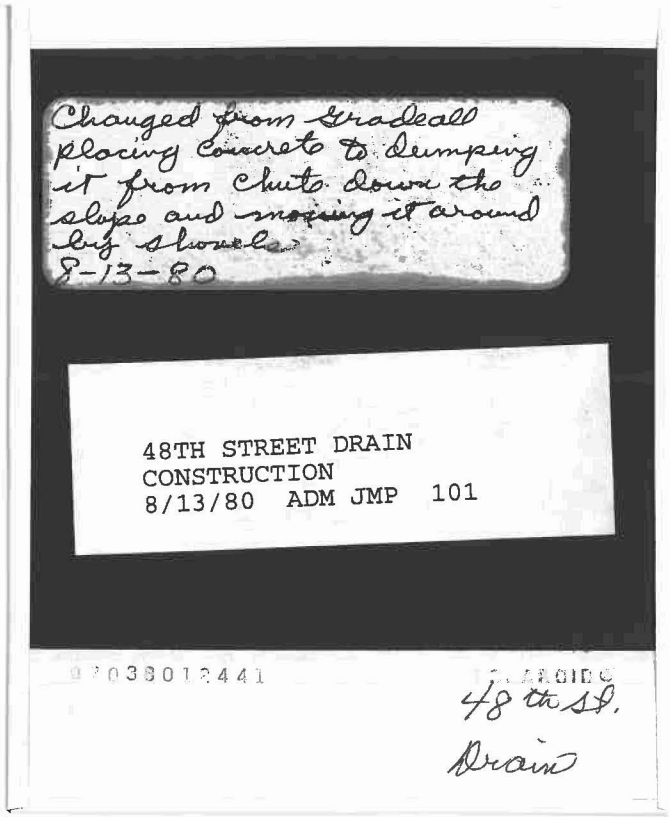

Gradeall Cleaned out bottom of Channel + filter drain — replaced new filter rock
8-13-80
48TH STREET DRAIN
CONSTRUCTION
8/13/80 ADM JMP 101
038012441
48th St.
Drain

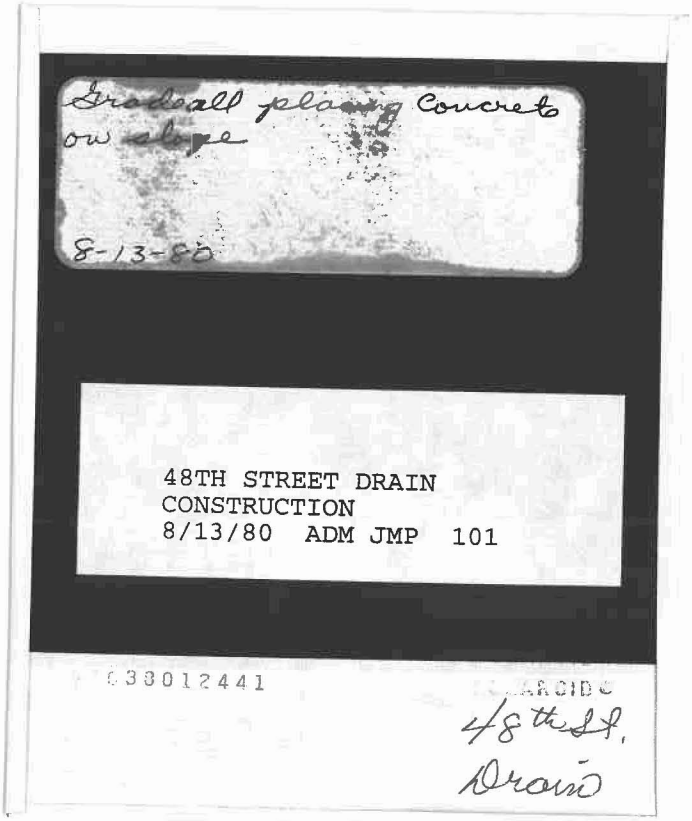

48TH STREET DRAIN
MAINTENANCE
8/8/80 ADM JMP 101
Footing on west end of Lindsey Dr. bridge - dug with a Gradeall 1000
8-8-80
038012441
48th St
Drain

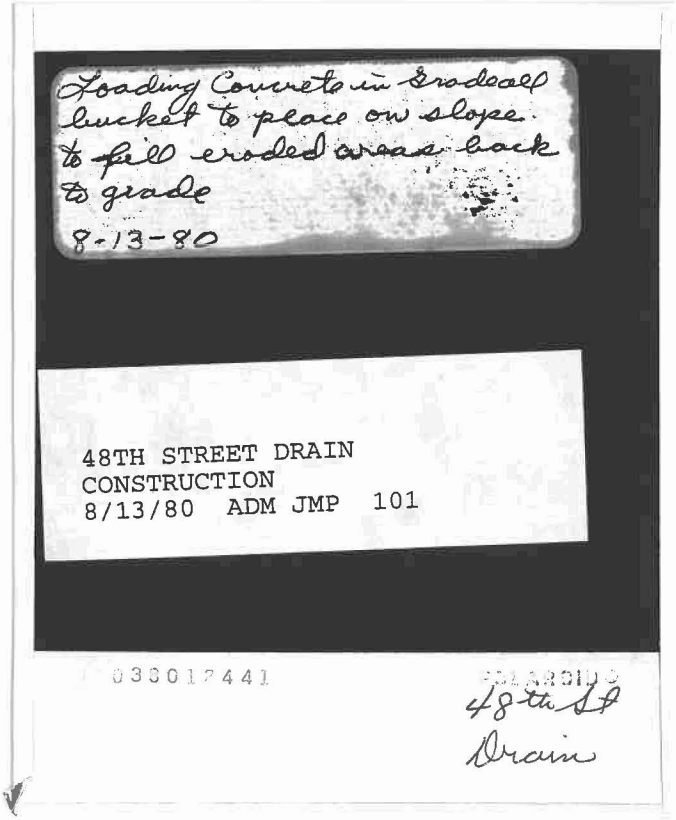

Earth Plug #4 now in place at 48th St
8-13-80
48TH STREET DRAIN
CONSTRUCTION
8/13/80 ADM JMP 101
038012441
48th St
Drain


Concrete being placed to fill voids caused by erosion. They are attempting to bring it up to within 4" of grade.
8-13-80
48TH STREET DRAIN
CONSTRUCTION
8/13/80 ADM JMP 101
038012441
48th St.
Drain









Gradeall cleaning silt out of channel bottom. - Indicates about 2' of silt at this location. - 108+75±
8-13-80

48TH STREET DRAIN
CONSTRUCTION
8/13/80 ADM JMP 101

038012441

48th St
Drain

Changed from Gradeall placing concrete to dumping it from chute down the slope and moving it around by shovels
8-13-80

48TH STREET DRAIN
CONSTRUCTION
8/13/80 ADM JMP 101

038012441

48th St.
Drain

Gradeall placing concrete on slope
8-13-80

48TH STREET DRAIN
CONSTRUCTION
8/13/80 ADM JMP 101

038012441

48th St.
Drain

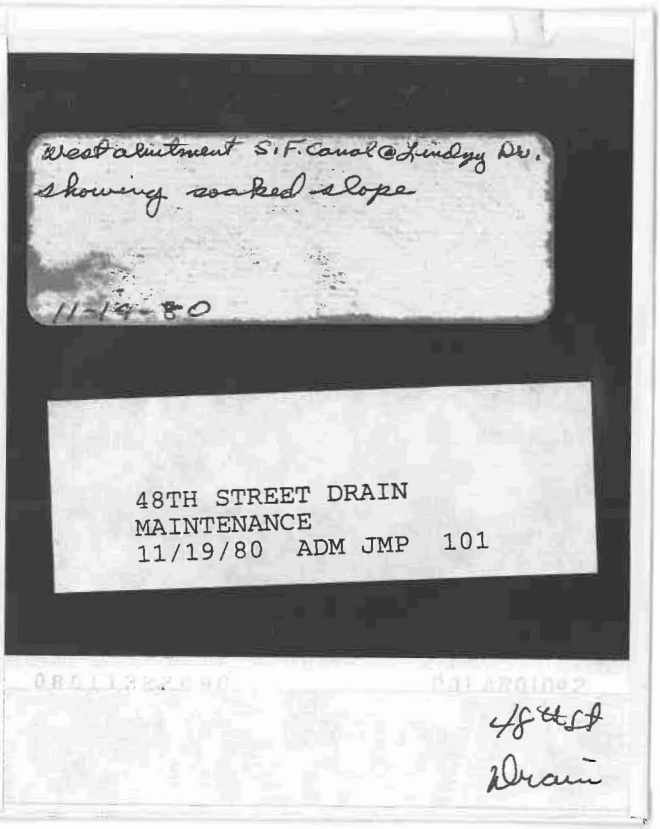
Loading concrete in Gradeall bucket to place on slope to fill eroded areas back to grade
8-13-80

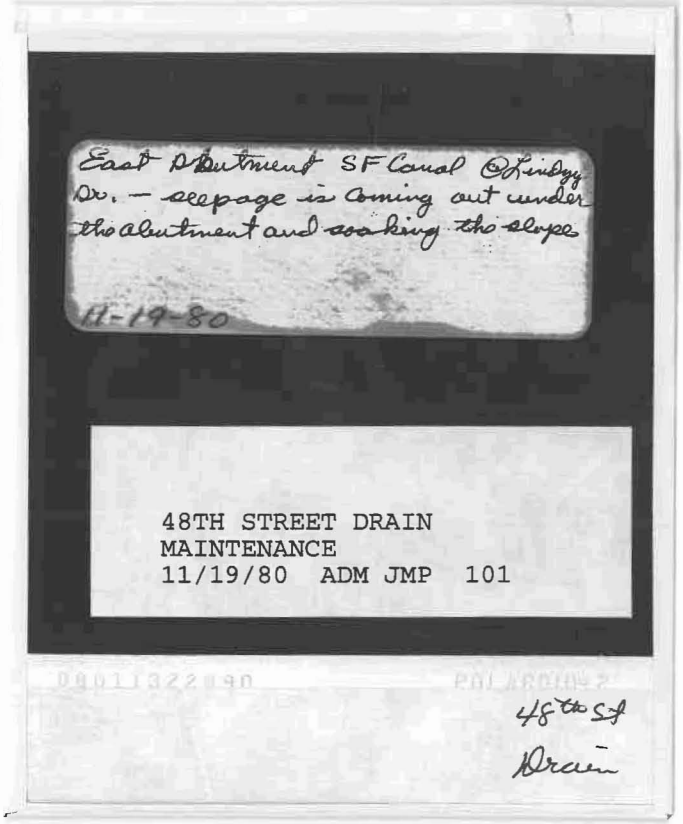
48TH STREET DRAIN
CONSTRUCTION
8/13/80 ADM JMP 101

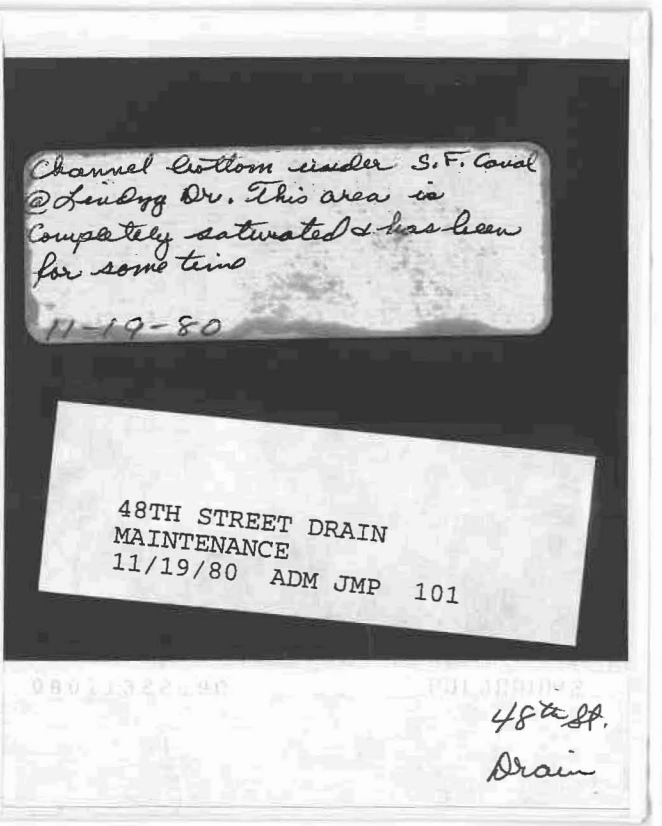
038012441

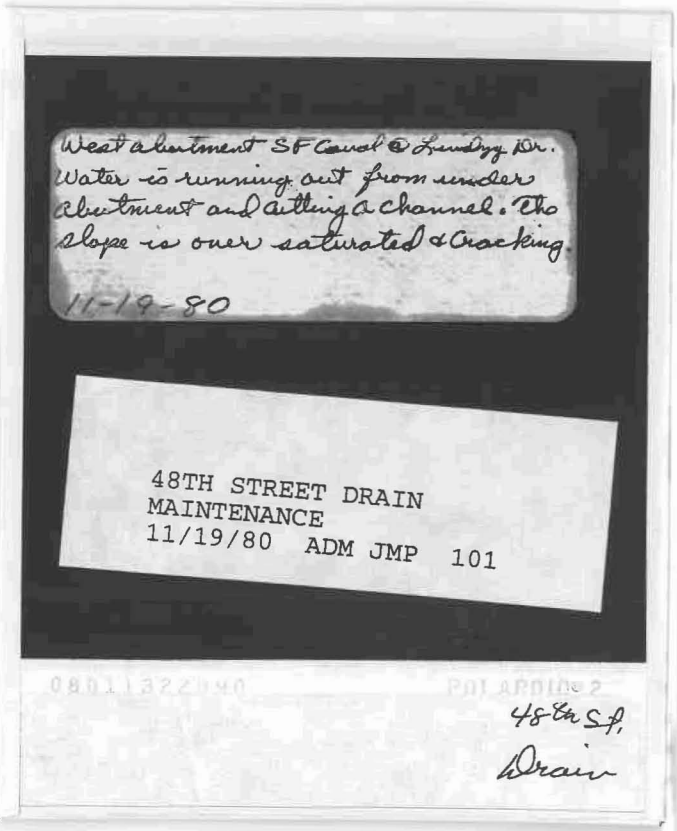
48th St
Drain

Ground
Cracks


West abutment S.F. Canal @ Lindyy Dr.
showing soaked slope
11-19-80
48TH STREET DRAIN
MAINTENANCE
11/19/80 ADM JMP 101
48th St
Drain

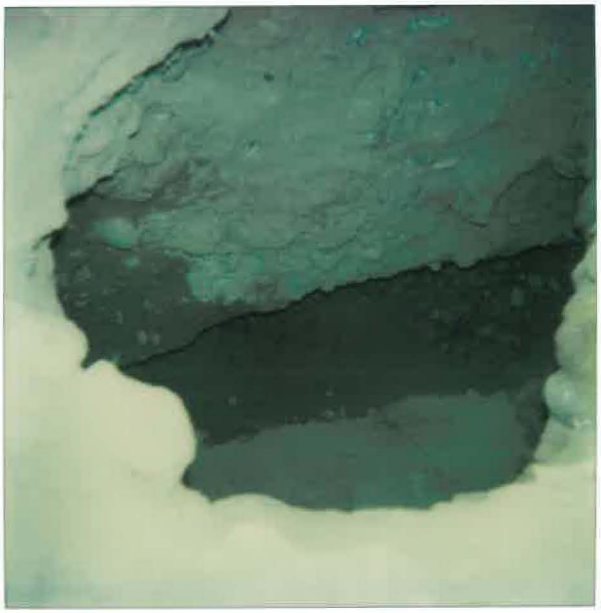

East Abutment SF Canal @ Lindyy Dr. — seepage is coming out under the abutment and soaking the slope
11-19-80
48TH STREET DRAIN
MAINTENANCE
11/19/80 ADM JMP 101
48th St
Drain


Channel bottom under S.F. Canal @ Lindyy Dr. This area is completely saturated & has been for some time
11-19-80
48TH STREET DRAIN
MAINTENANCE
11/19/80 ADM JMP 101
48th St.
Drain

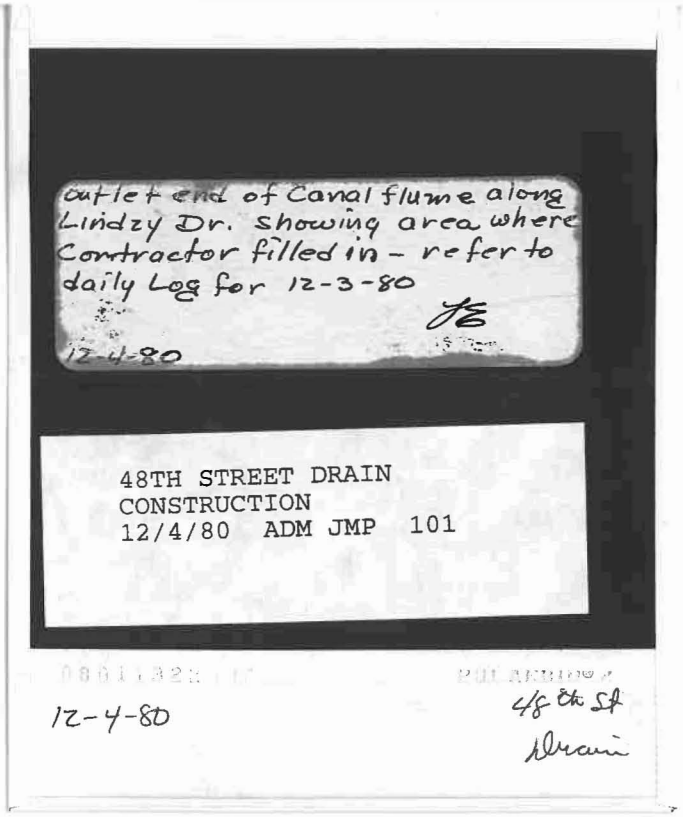

West abutment SF Canal @ Lindyy Dr. Water is running out from under abutment and cutting a channel. The slope is over saturated & cracking.
11-19-80
48TH STREET DRAIN
MAINTENANCE
11/19/80 ADM JMP 101
48th St.
Drain

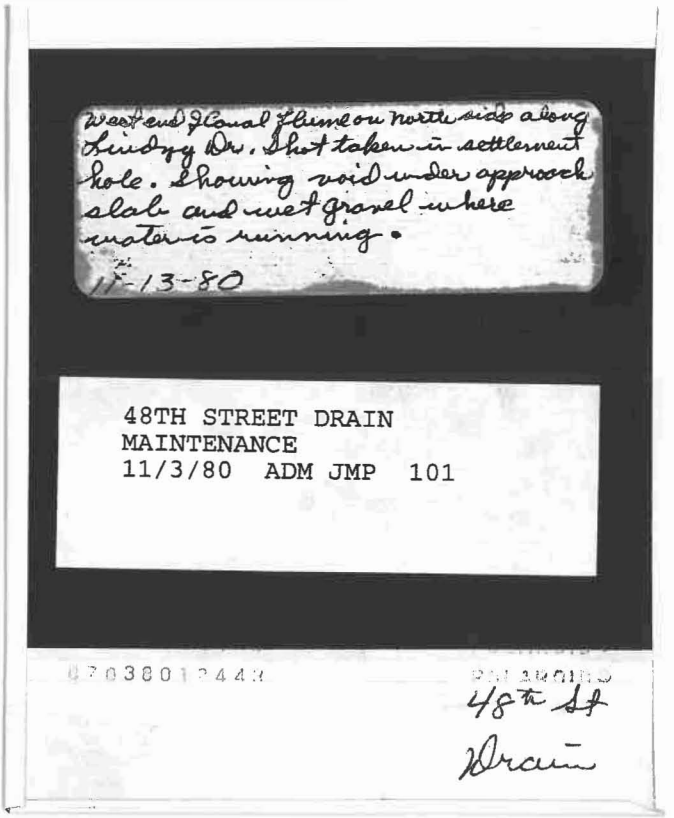
#1

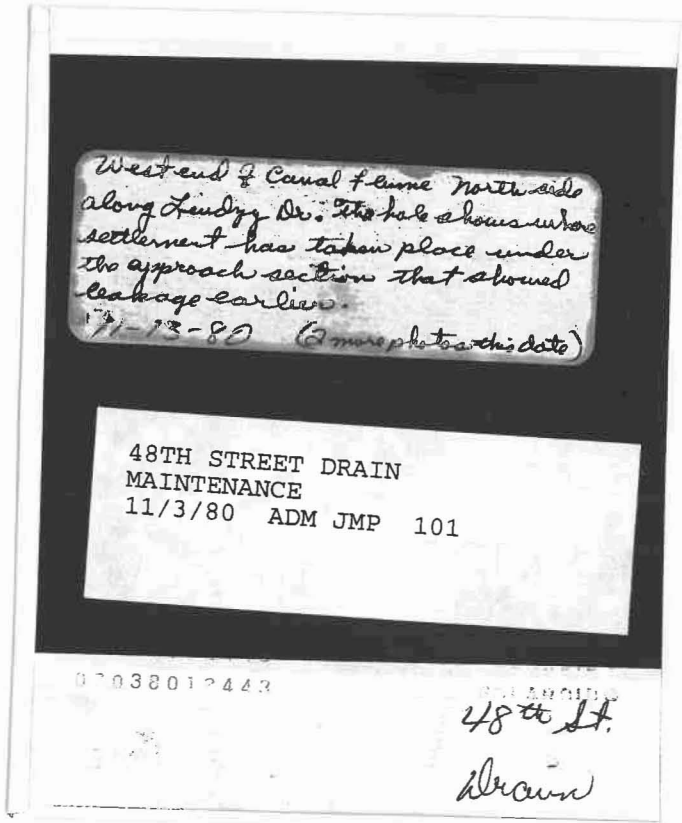
#3

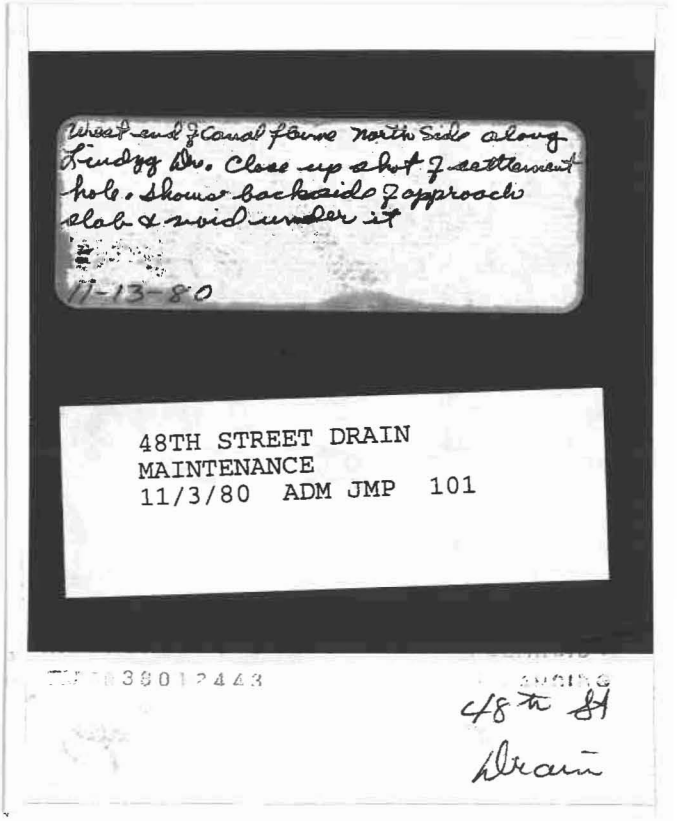


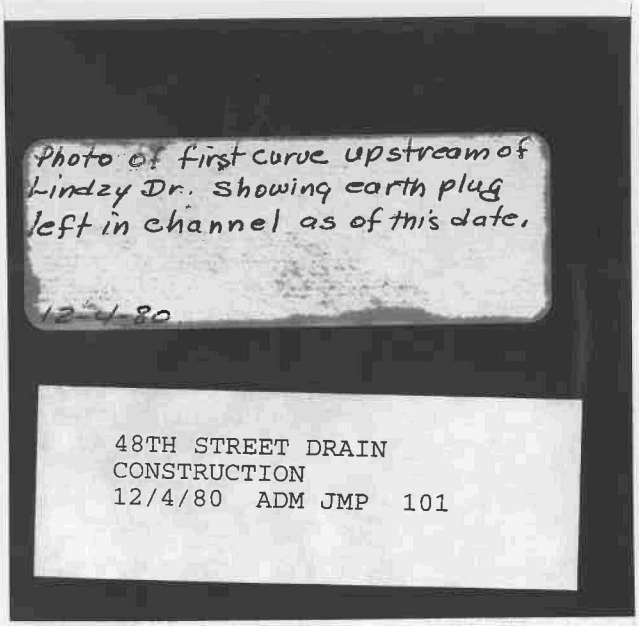
#2


outlet end of Canal flume along Lindzy Dr. showing area where Contractor filled in - refer to daily Log for 12-3-80
12-4-80
48TH STREET DRAIN
CONSTRUCTION
12/4/80 ADM JMP 101
12-4-80
48th St
Drain


West end of Canal flume on north side along Lindzy Dr. Shot taken in settlement hole. Showing void under approach slab and wet gravel where water is running.
11-13-80
48TH STREET DRAIN
MAINTENANCE
11/3/80 ADM JMP 101
48th St
Drain

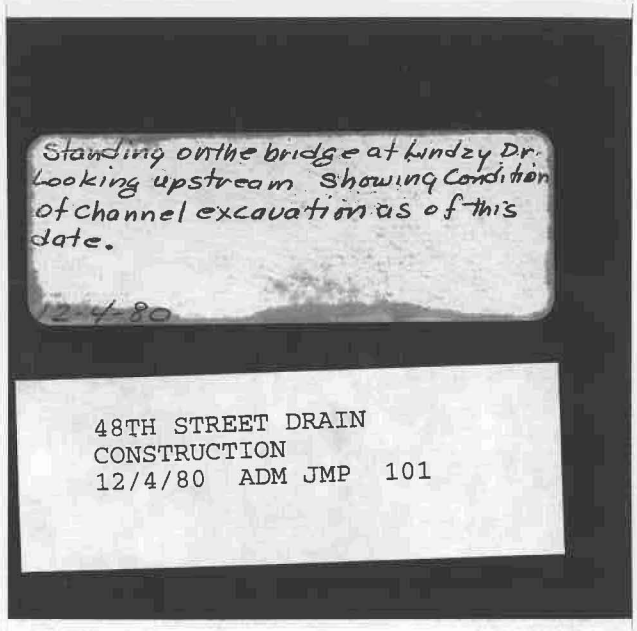

West end of Canal flume north side along Lindzy Dr. The hole shows where settlement has taken place under the approach section that showed leakage earlier.
11-13-80 (more photos of this date)
48TH STREET DRAIN
MAINTENANCE
11/3/80 ADM JMP 101
48th St.
Drain


West end of Canal flume north side along Lindzy Dr. Close up shot of settlement hole. Shows backside of approach slab & void under it
11-13-80
48TH STREET DRAIN
MAINTENANCE
11/3/80 ADM JMP 101
48th St
Drain



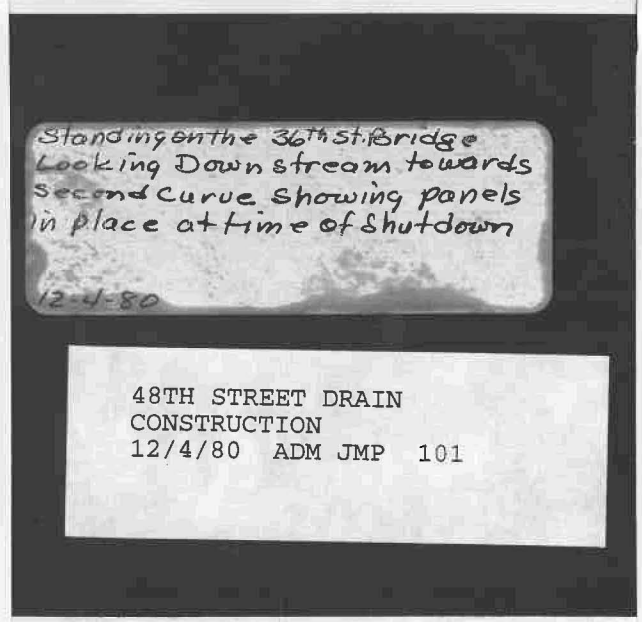
12-4

48th St. Drain



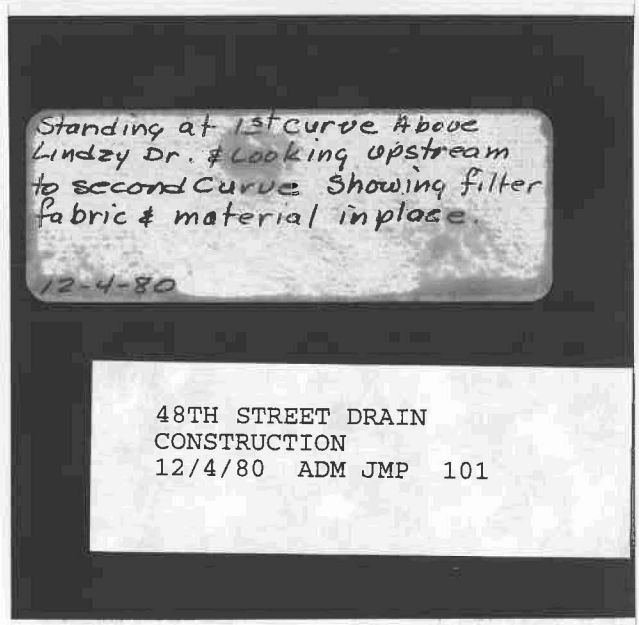
12-4-80

48th St. Drain



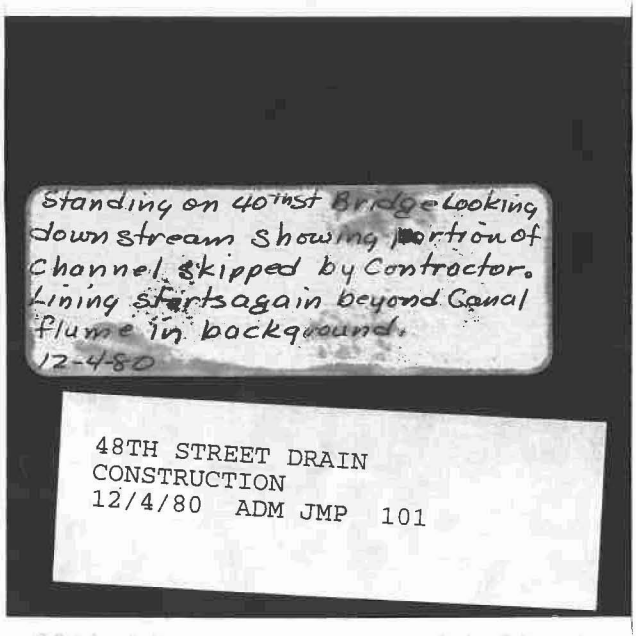
12-4

48th St. Drain



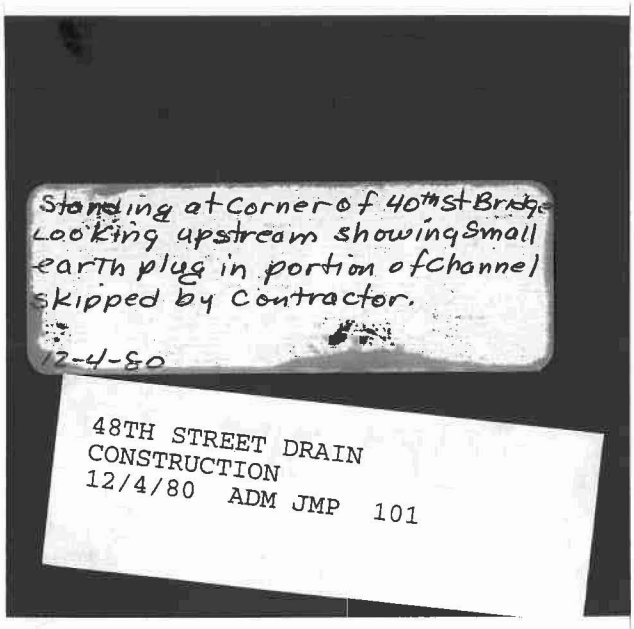
12-4

48th St. Drain



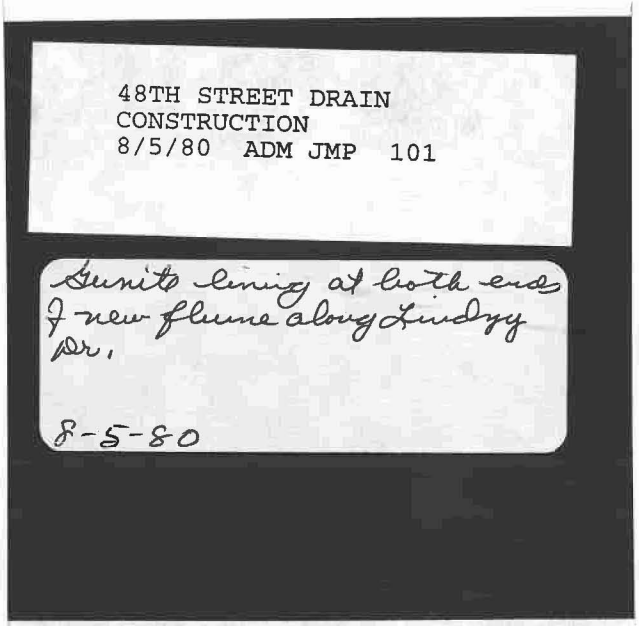
12-4-80

48th St. Drain

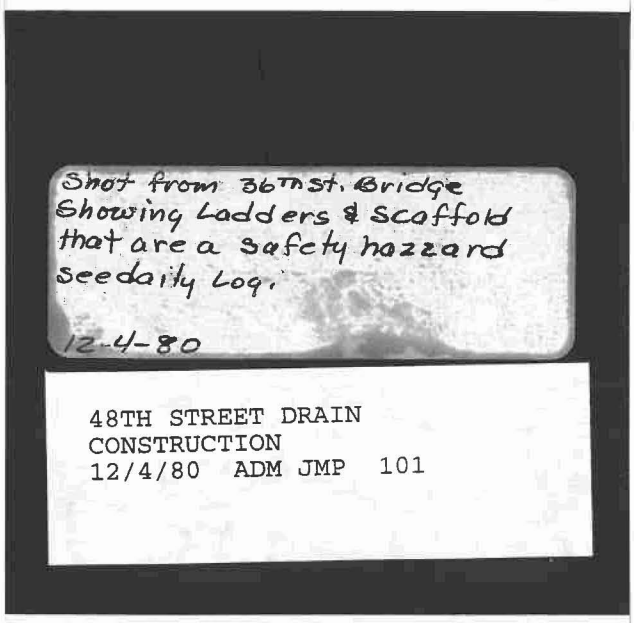


12-4-80

48th St. Drain



48th St Drain



12-4

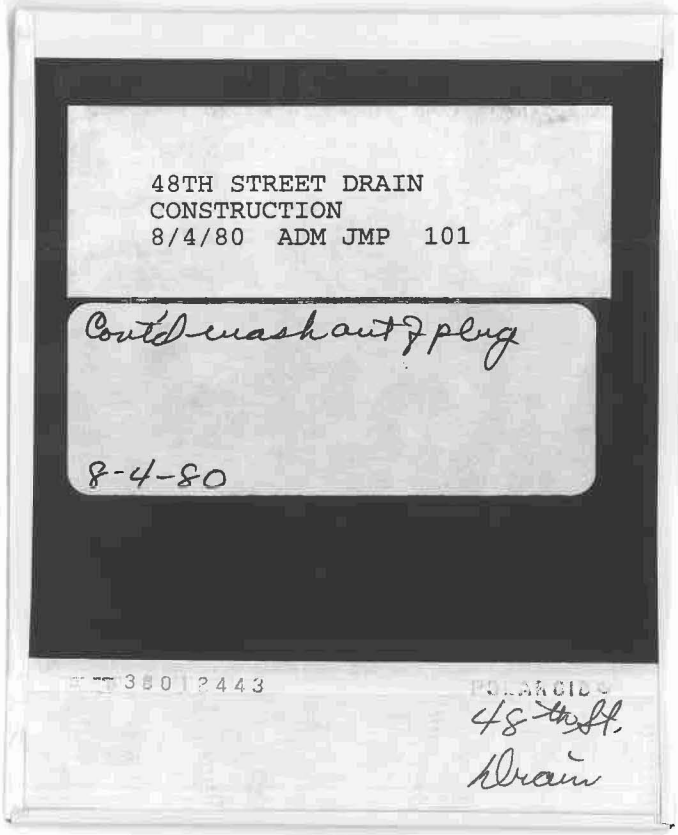
48th St Drain

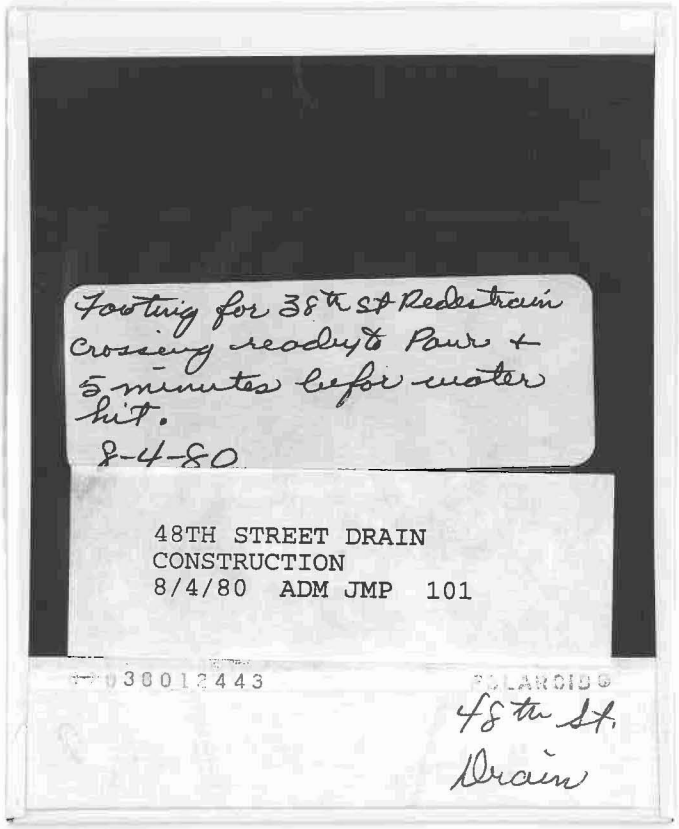
9

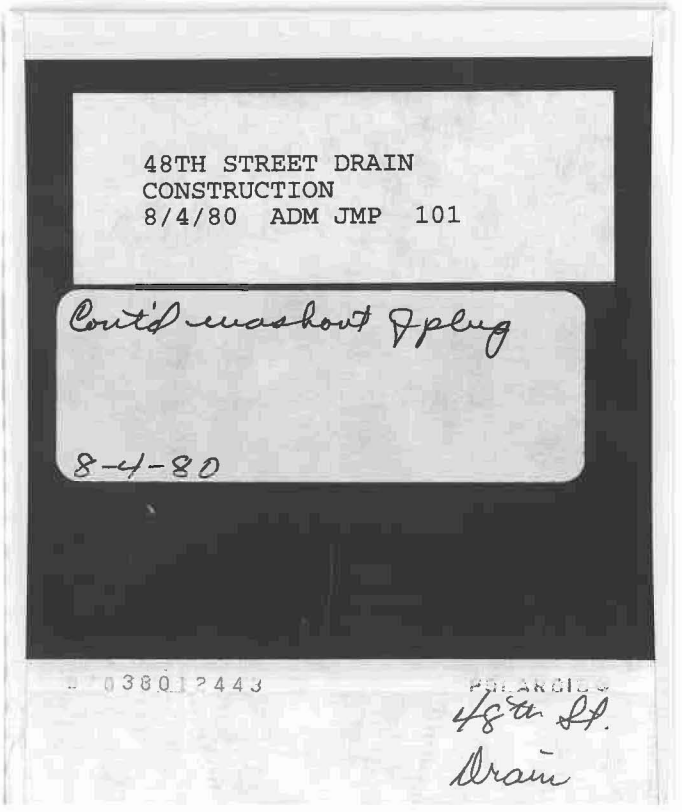
7

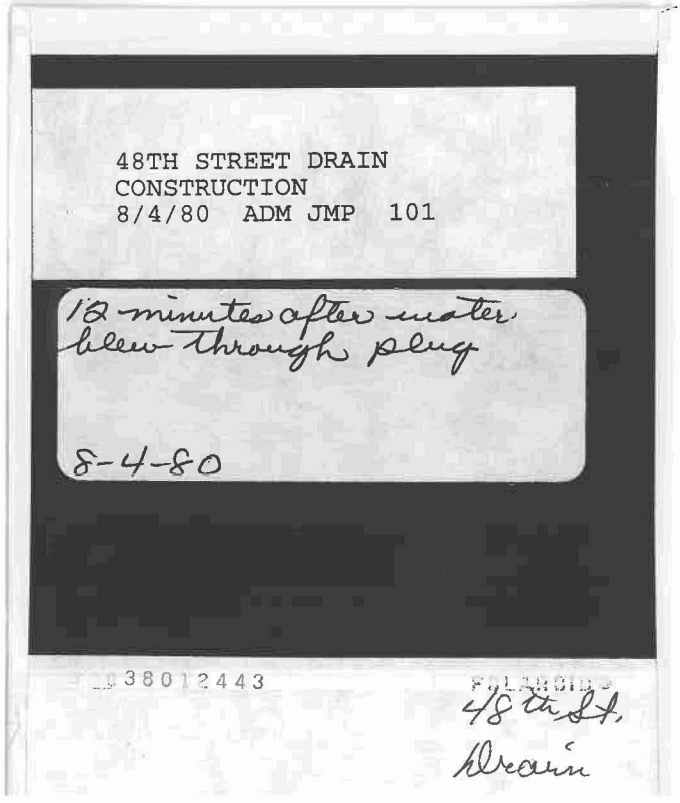
8

6


48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101
Cont'd washout & plug
8-4-80
38012443
POLAROID
48th St.
Drain

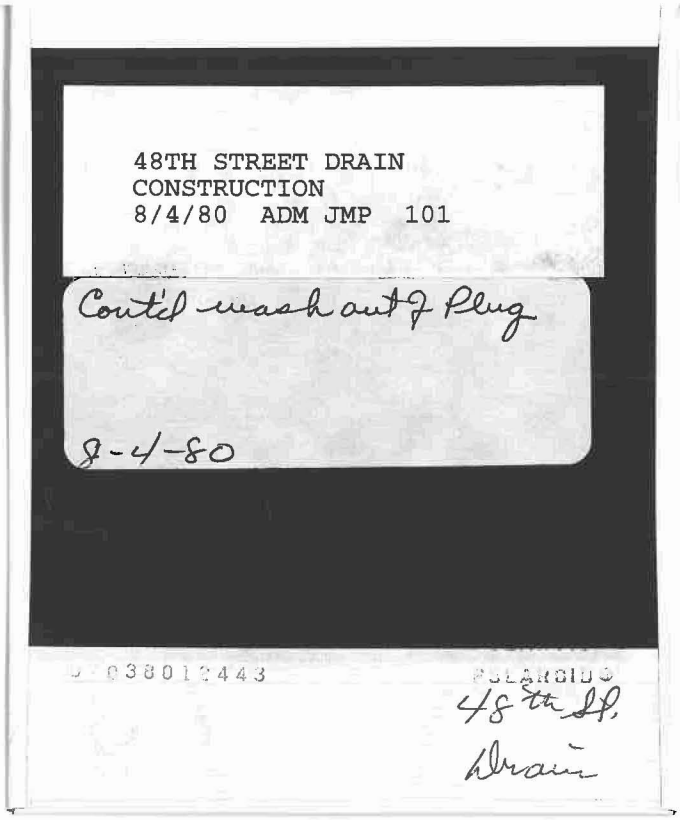

Footing for 38th St Pedestrain
Crossing ready to Pour +
5 minutes befor water
hit.
8-4-80
48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101
38012443
POLAROID
48th St.
Drain

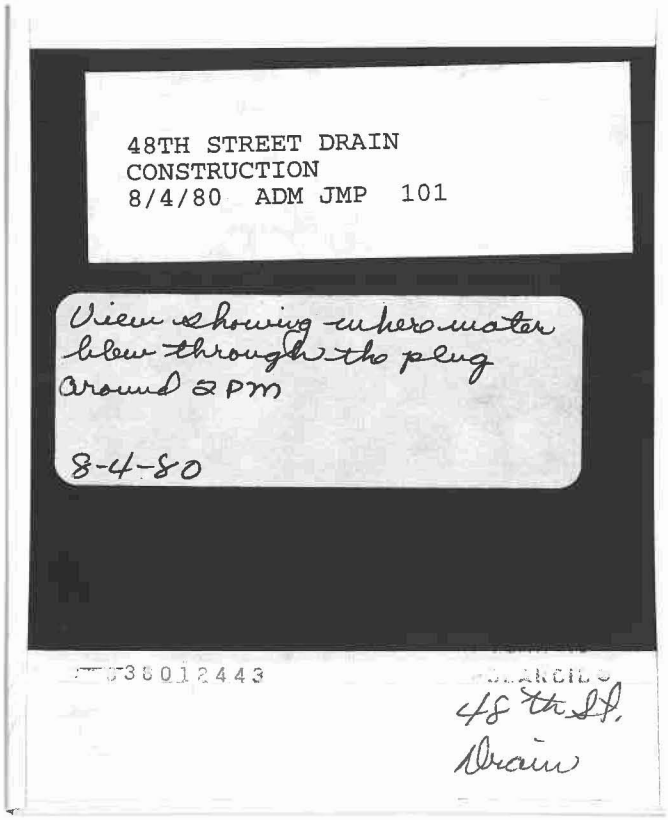

48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101
Cont'd washout & plug
8-4-80
38012443
POLAROID
48th St.
Drain

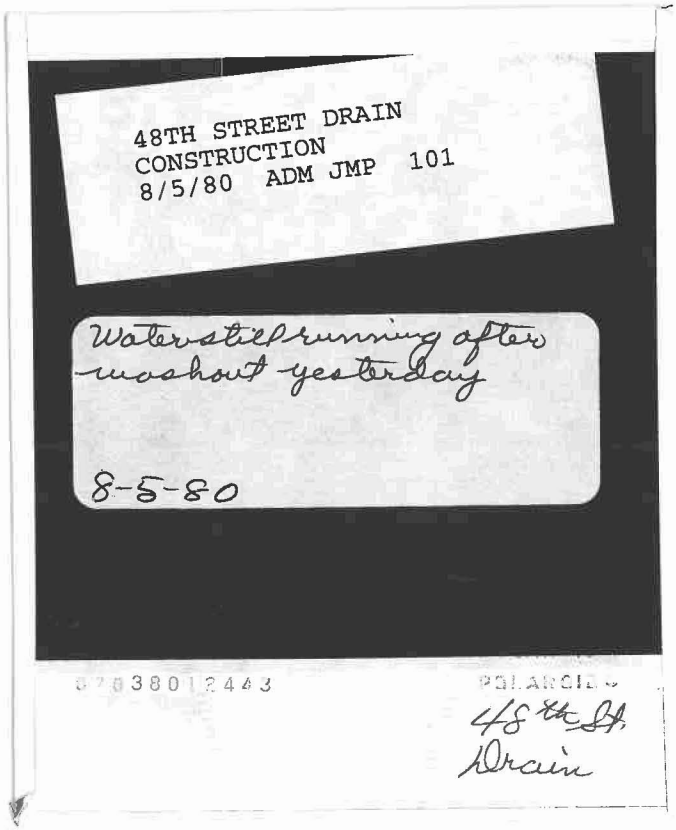

48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101
12 minutes after water
blew through plug
8-4-80
38012443
POLAROID
48th St.
Drain

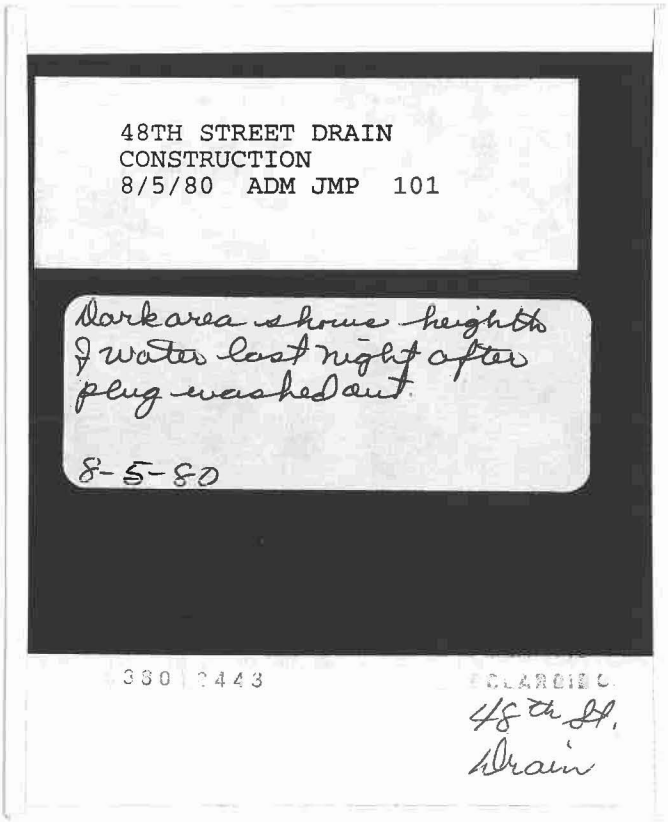
5

4









48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101

Cont'd wash out of Plug

8-4-80

038012443 POLAROID

48th St.
Drain

48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101

View showing where water blew through the plug around 2 PM

8-4-80

038012443 POLAROID

48th St.
Drain

48TH STREET DRAIN
CONSTRUCTION
8/5/80 ADM JMP 101

Water still running after washout yesterday

8-5-80

038012443 POLAROID

48th St.
Drain

48TH STREET DRAIN
CONSTRUCTION
8/5/80 ADM JMP 101

Dark area shows heighth of water last night after plug washed out.

8-5-80

38012443 POLAROID

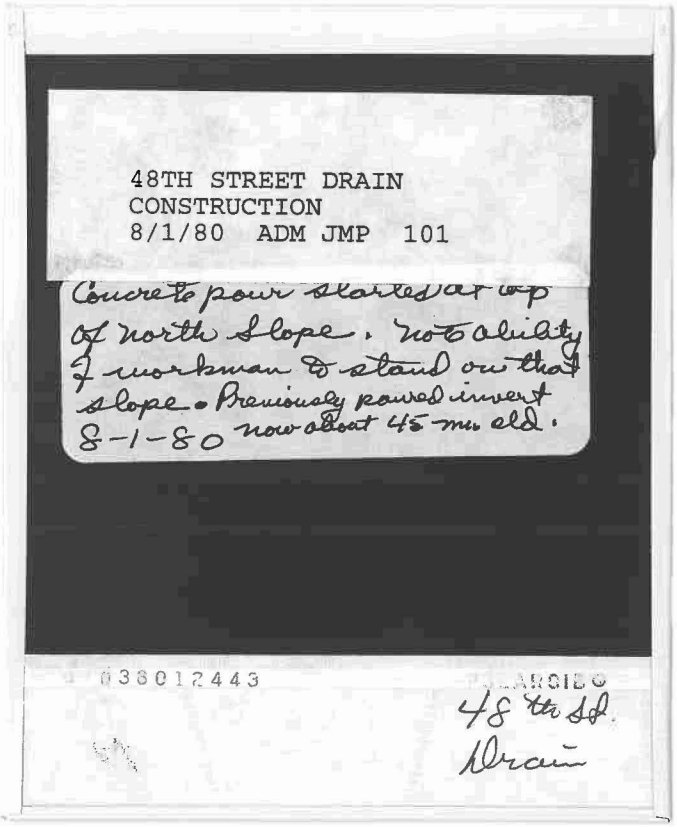
48th St.
Drain

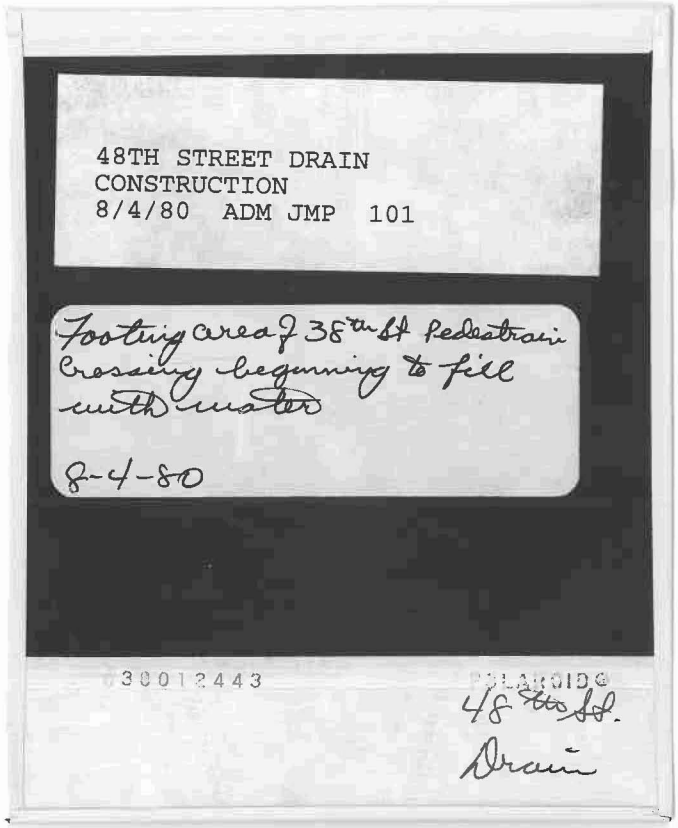
10

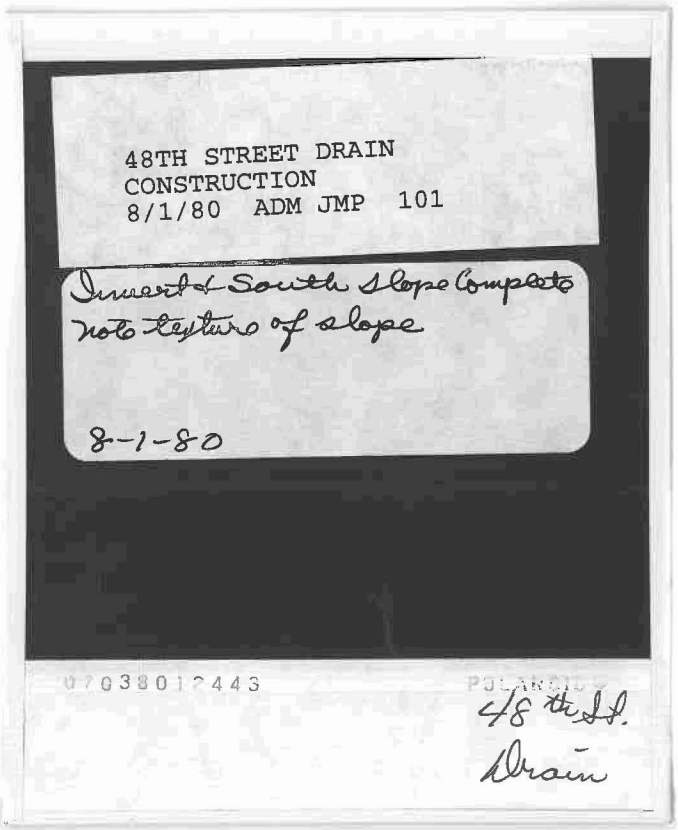
10

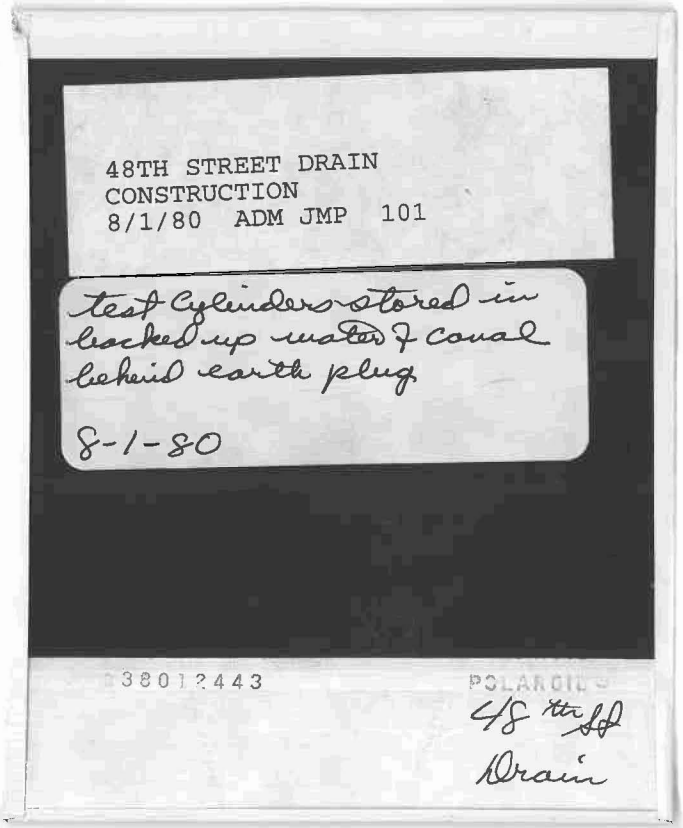
11

9


48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
Concrete pour started at top of north slope. Not ability of workman to stand on that slope. Previously poured invert 8-1-80 now about 45 min. old.
038012443
POLAROID
48th St.
Drain


48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101
Footing area of 38th St Pedestrain Crossing beginning to fill with water
8-4-80
038012443
POLAROID
48th St.
Drain


48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
Invert & South Slope Complete note texture of slope
8-1-80
038012443
POLAROID
48th St.
Drain

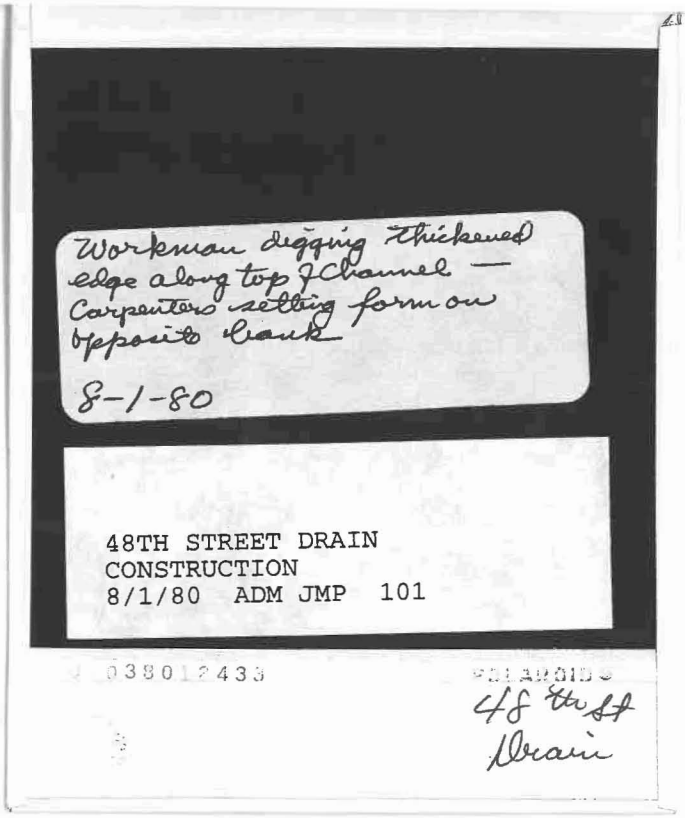

48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
test Cylinders stored in backed up water & canal behind earth plug
8-1-80
038012443
POLAROID
48th St
Drain

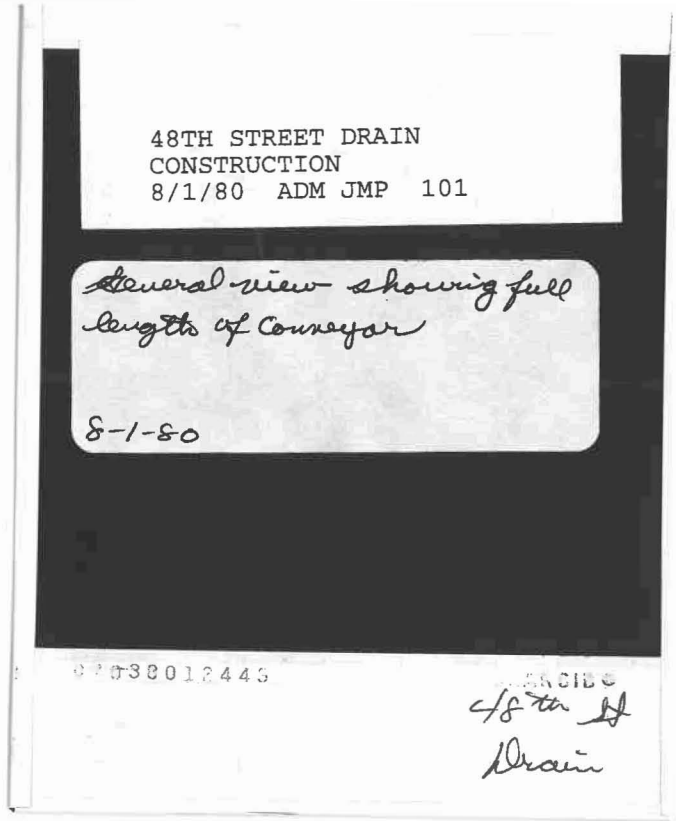
1

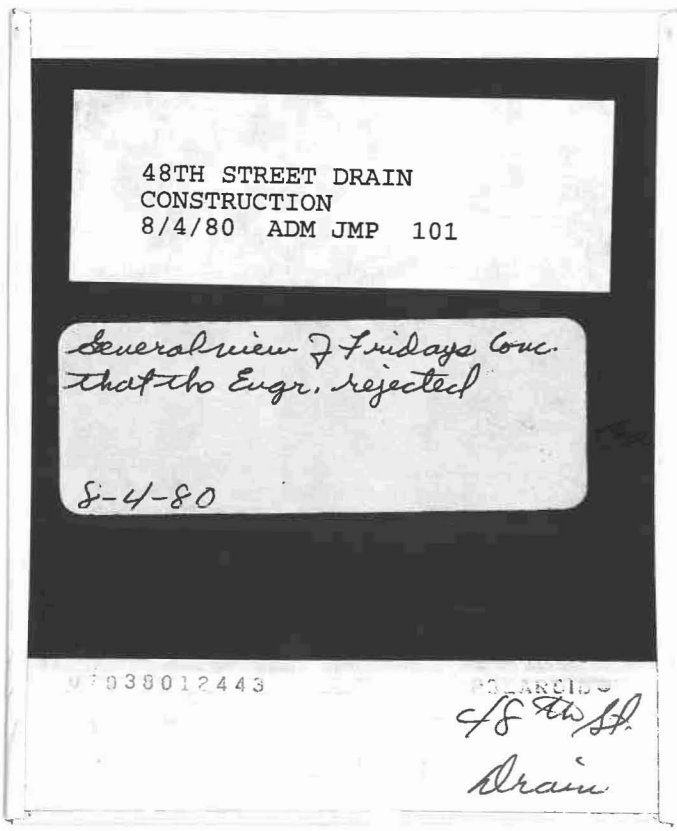
3

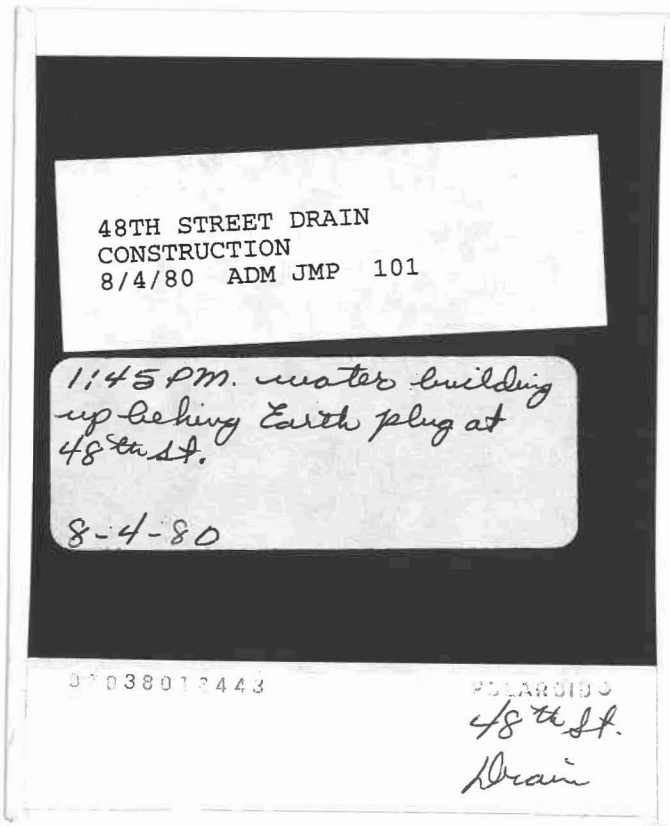
1

2


Workman digging thickened edge along top J Channel. — Carpenters setting form on opposite bank
8-1-80
48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
038012433
POLAROID
48th St
Drain


48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
General view showing full length of Conveyor
8-1-80
038012443
48th St
Drain


48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101
General view J Fridays Conc. that the Engr. rejected
8-4-80
038012443
48th St
Drain

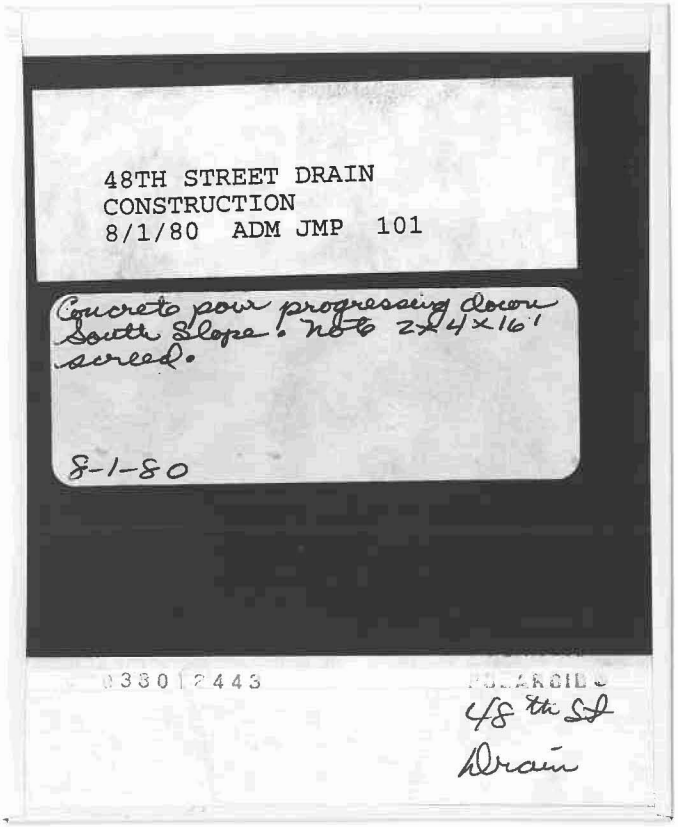

48TH STREET DRAIN
CONSTRUCTION
8/4/80 ADM JMP 101
1:45 PM. water building up behind Earth plug at 48th St.
8-4-80
038012443
48th St.
Drain

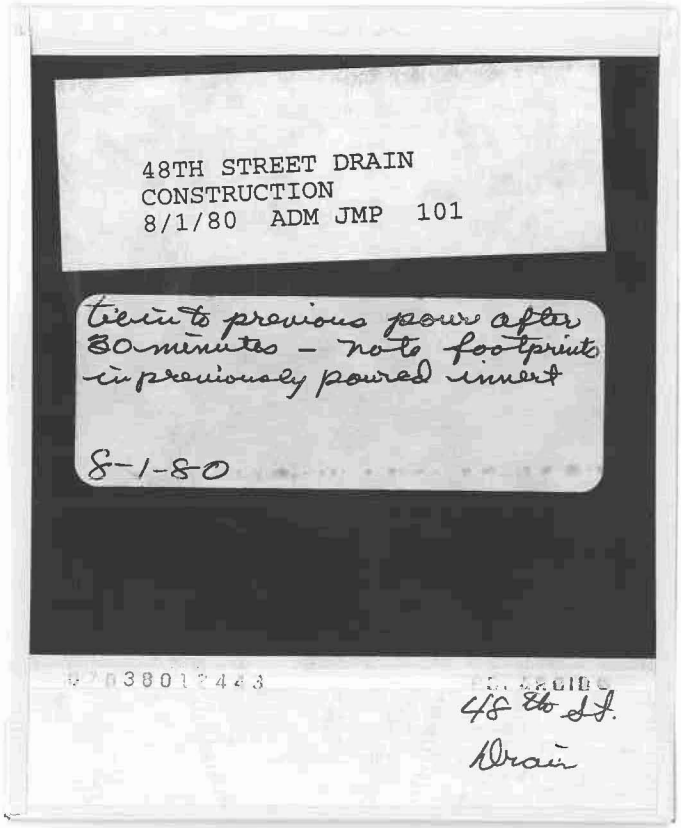
8

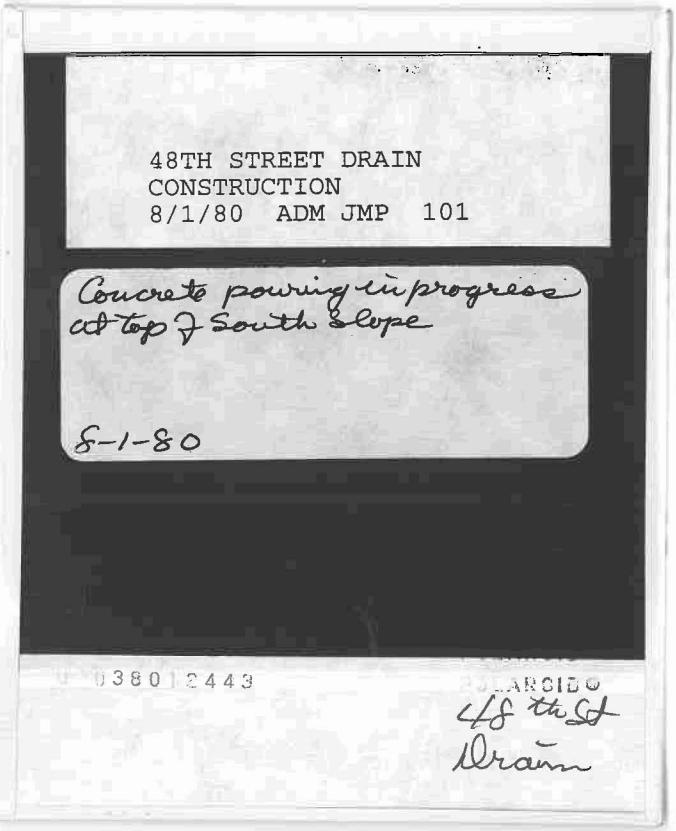
6

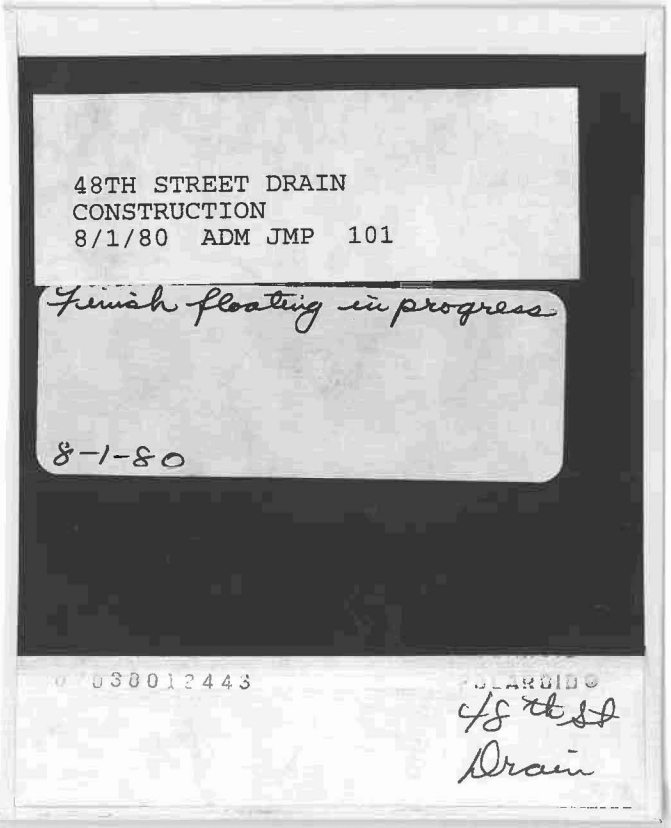
7

5


48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
Concrete pour progressing down South Slope. Note 2x4x16' screed.
8-1-80
038012443
48th St
Drain

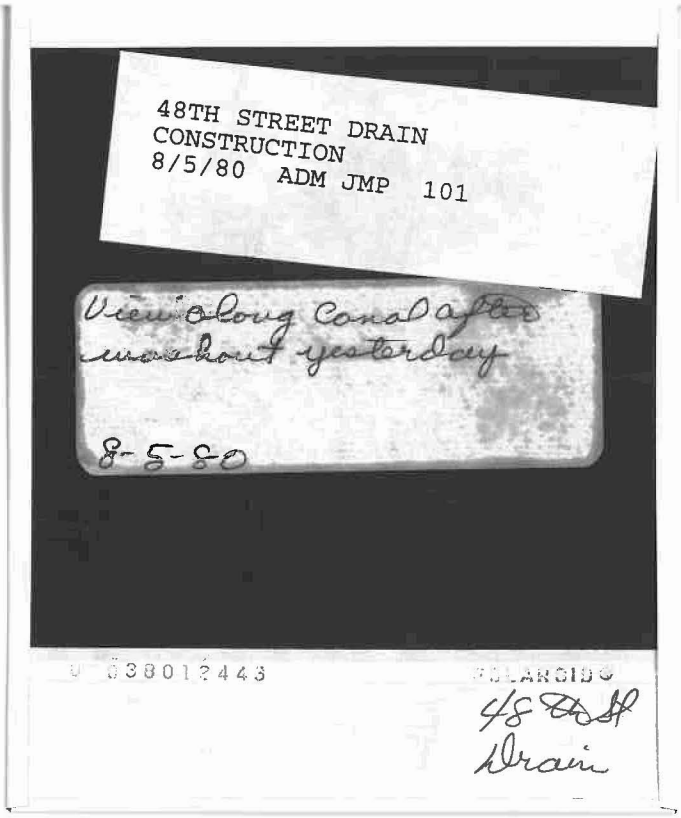

48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
tie in to previous pour after 30 minutes - note footprints in previously poured invert
8-1-80
038012443
48th St.
Drain

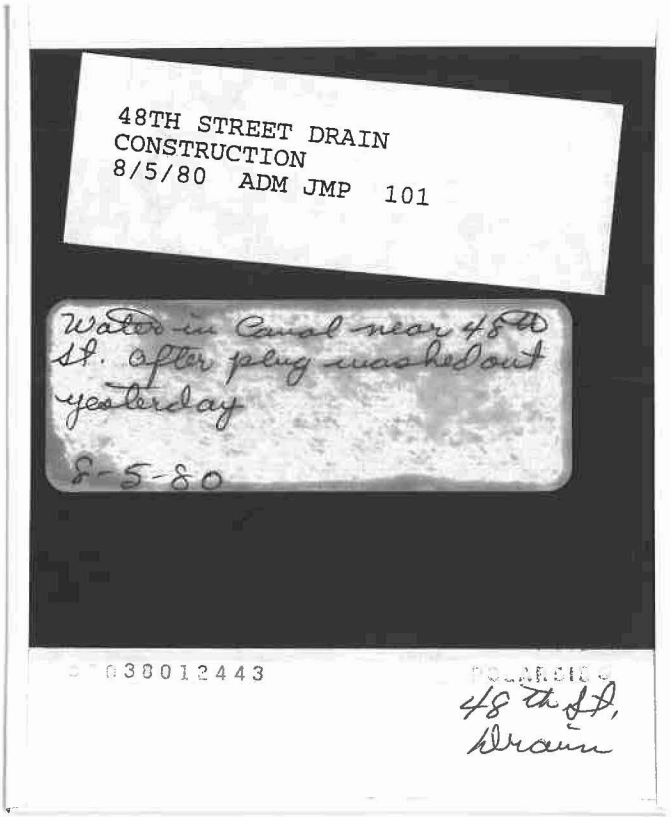

48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
Concrete pouring in progress at top of South Slope
8-1-80
038012443
48th St
Drain

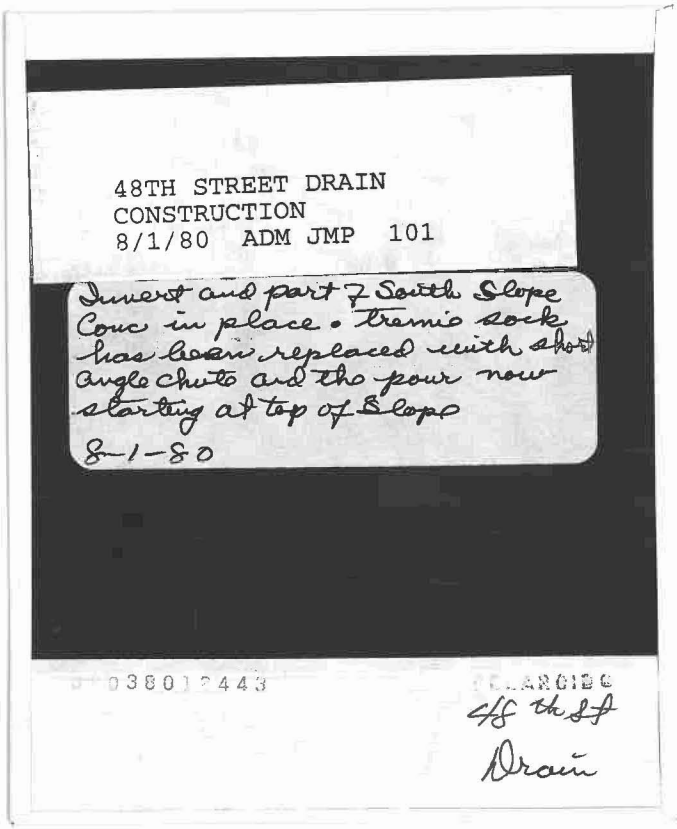

48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
Finish floating in progress
8-1-80
038012443
48th St
Drain

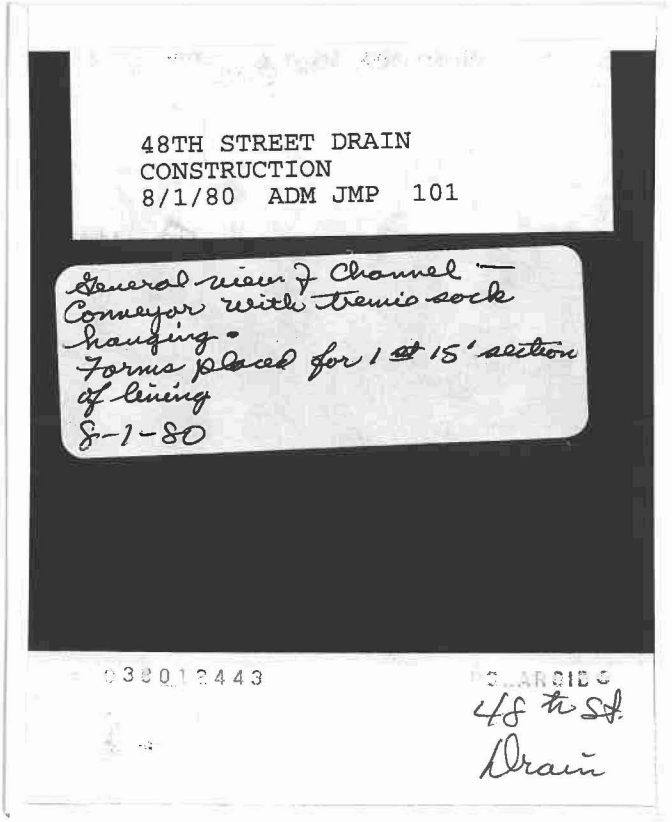
4

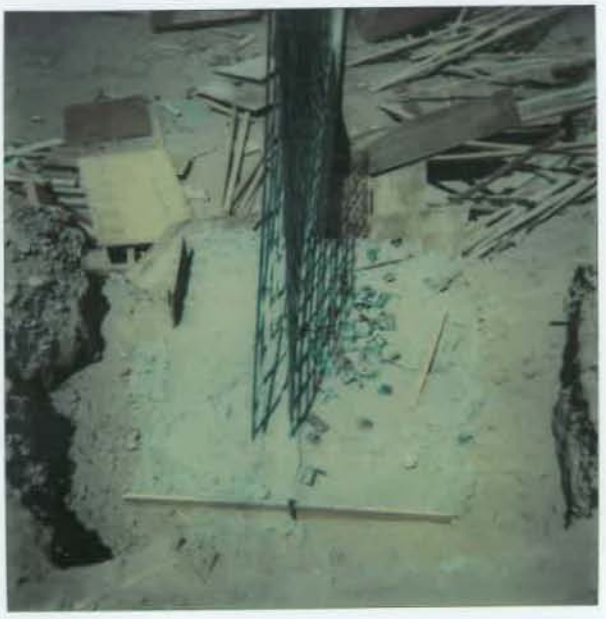
2

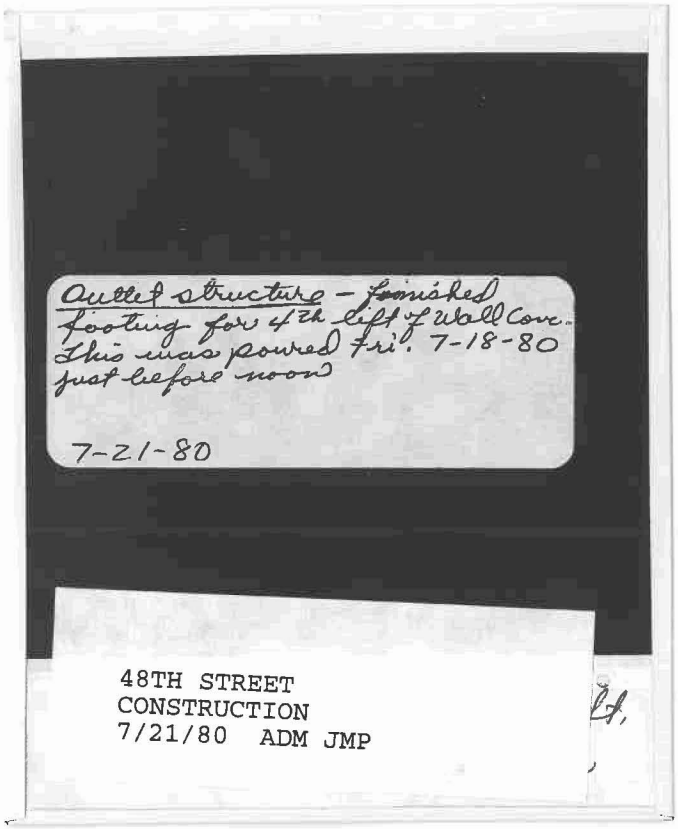

48TH STREET DRAIN
CONSTRUCTION
8/5/80 ADM JMP 101
View along Canal after washout yesterday
8-5-80
038012443
POLAROID
48th St
Drain

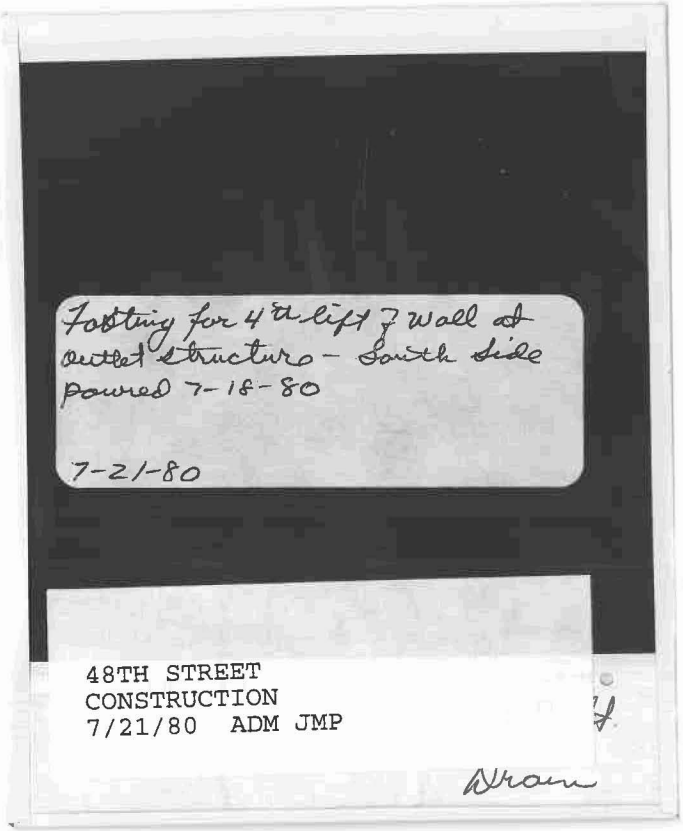

48TH STREET DRAIN
CONSTRUCTION
8/5/80 ADM JMP 101
Water in Canal near 48th St. after plug washed out yesterday
8-5-80
038012443
POLAROID
48th St.
Drain

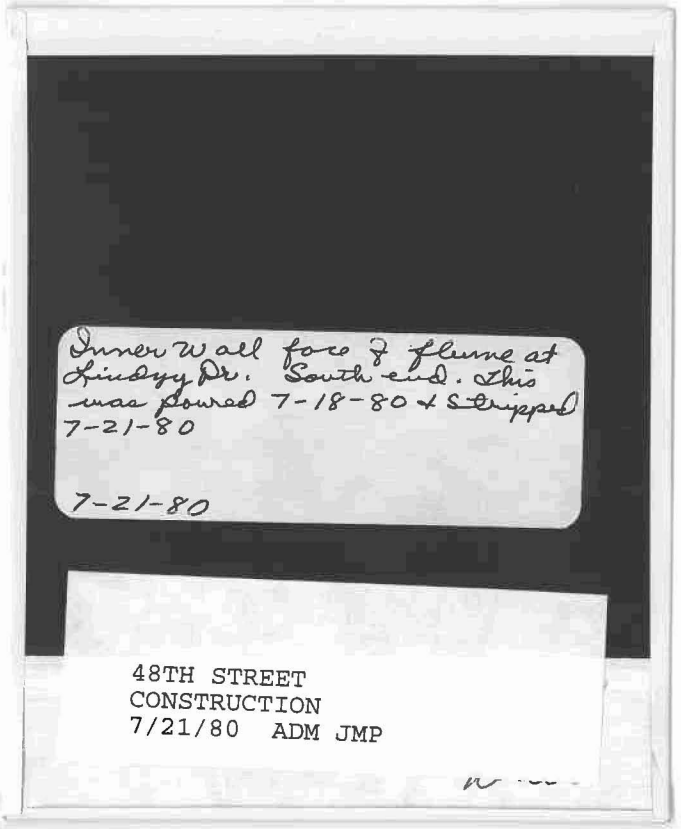

48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
Invert and part of South Slope Conc in place. tremie sock has been replaced with short angle chute and the pour now starting at top of Slope
8-1-80
038012443
POLAROID
48th St
Drain

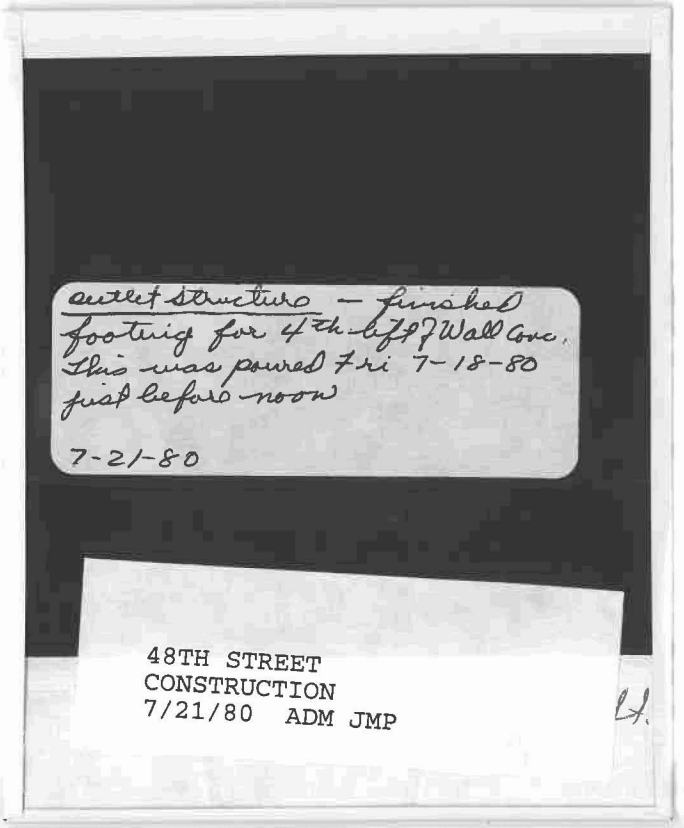

48TH STREET DRAIN
CONSTRUCTION
8/1/80 ADM JMP 101
General view of Channel — Conveyor with tremie sock hanging.
Forms placed for 1 of 15' section of lining
8-1-80
038012443
POLAROID
48th St.
Drain

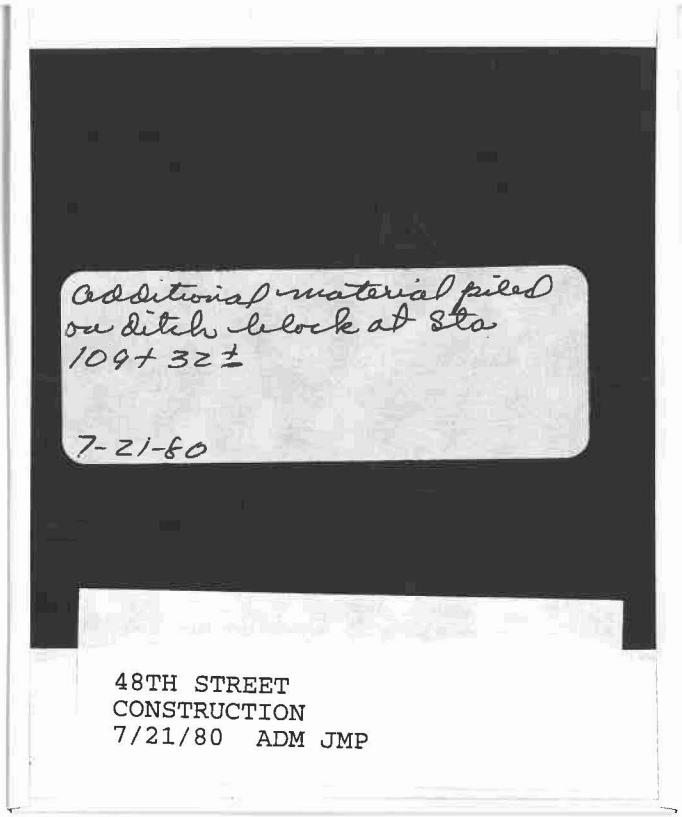


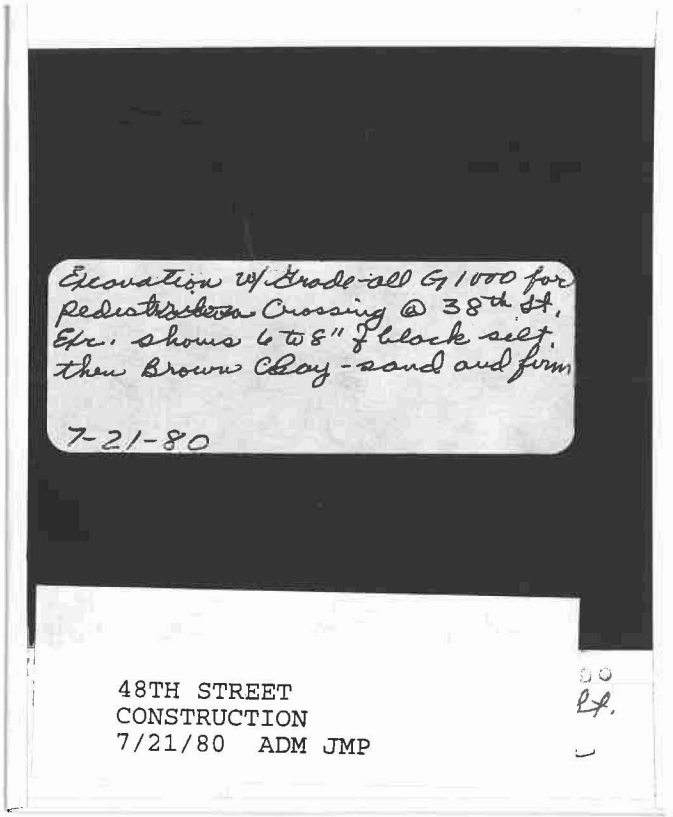

Outlet structure - finished footing for 4th lift of Wall Conc. This was poured Fri. 7-18-80 just before noon
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

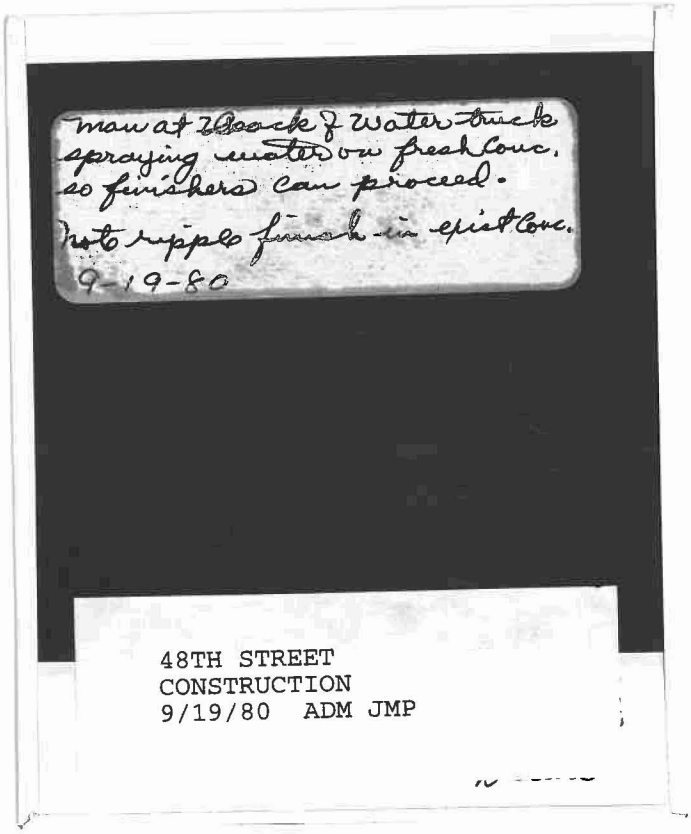

Footing for 4th lift of Wall at outlet structure - South side poured 7-18-80
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

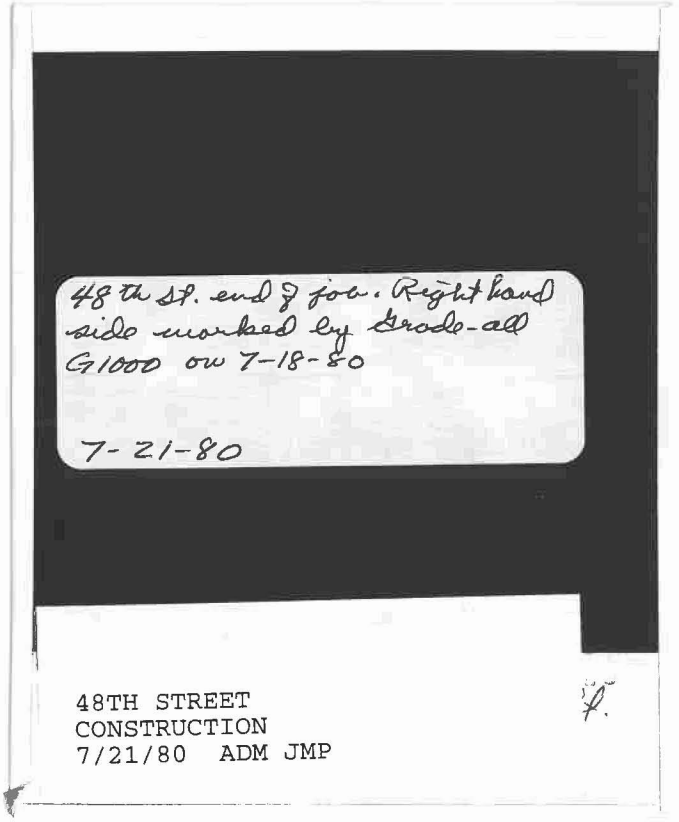

Inner Wall face of flume at Lindsay Dr. South end. This was poured 7-18-80 & Stripped 7-21-80
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

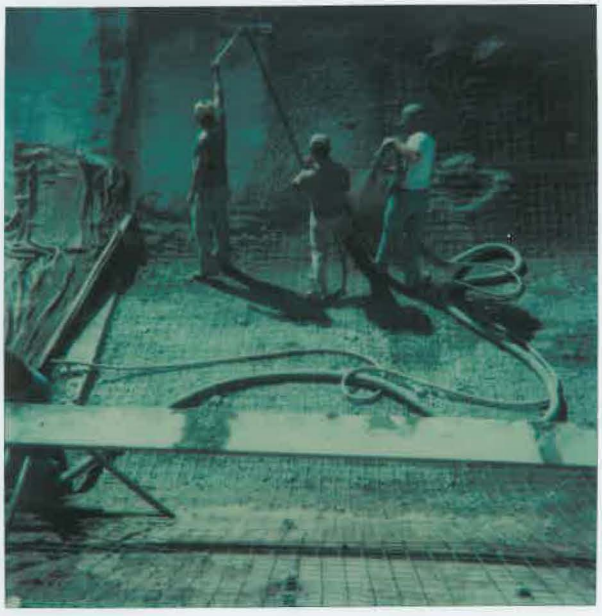

outlet structure - finished footing for 4th lift of Wall Conc. This was poured Fri 7-18-80 just before noon
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

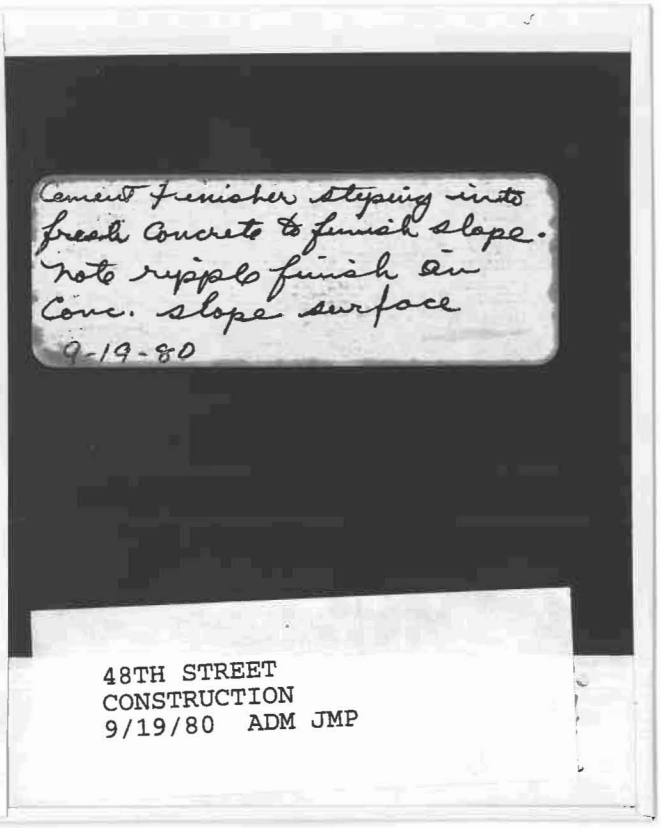

additional material piled on ditch block at Sta 109+32±
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

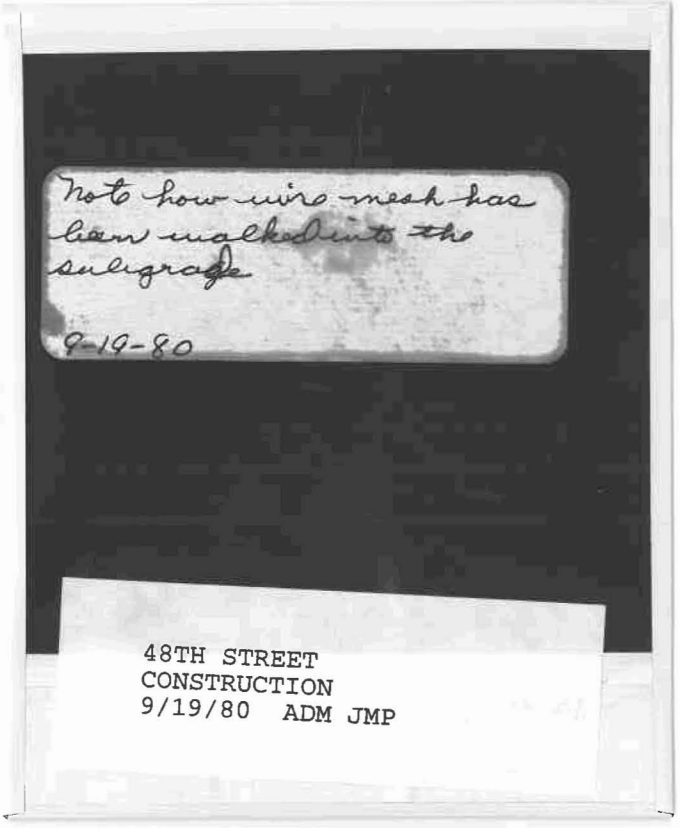

Excavation w/ Grade-all G1000 for pedestrian Crossing @ 38th St. Exc. shows 6 to 8" of black silt, then Brown Clay - sand and firm
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

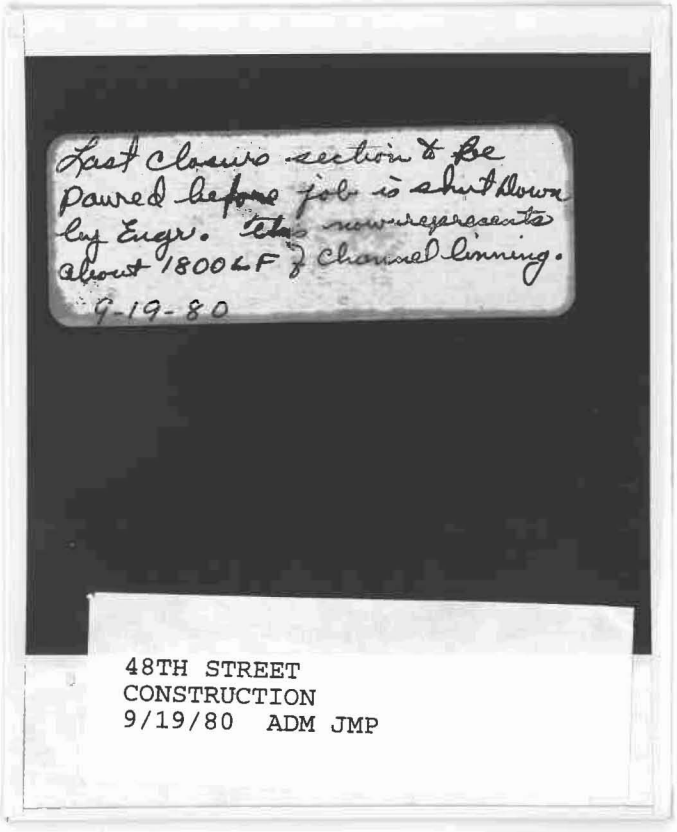

Man at block of Water truck spraying water on fresh conc. so finishers can proceed.
Note ripple finish in epist Conc.
9-19-80
48TH STREET
CONSTRUCTION
9/19/80 ADM JMP

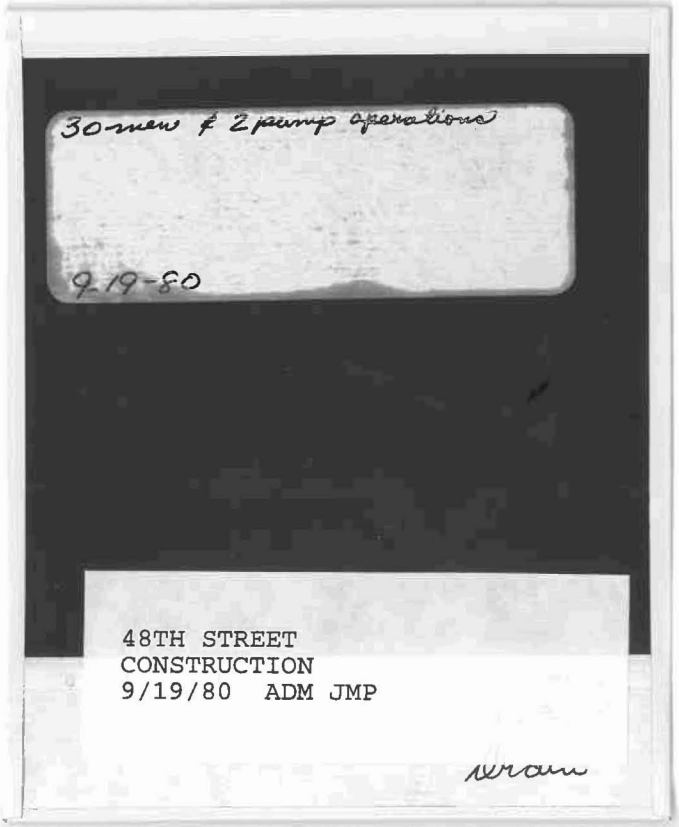

48th St. end of footing. Right hand side marked by Grade-all G1000 on 7-18-80
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

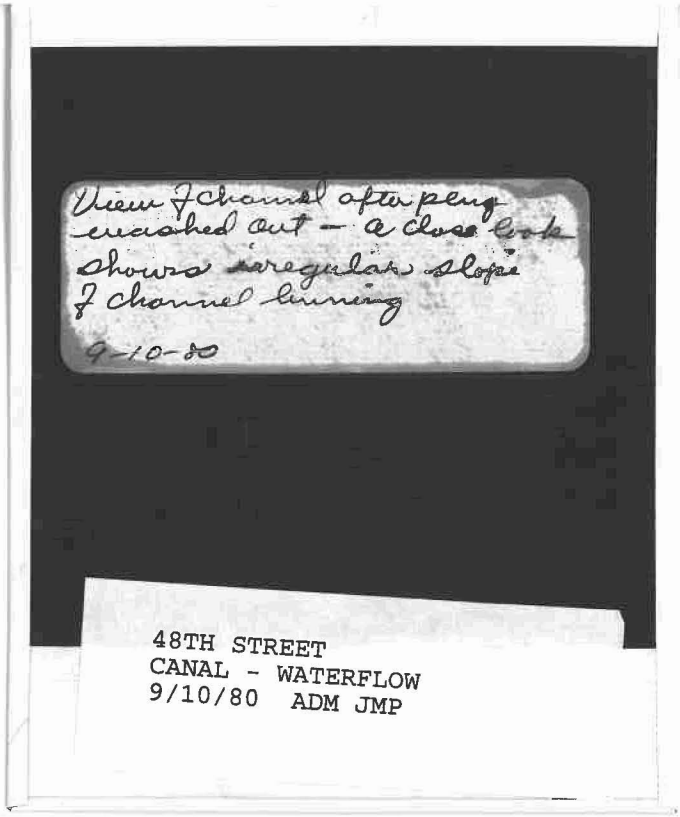


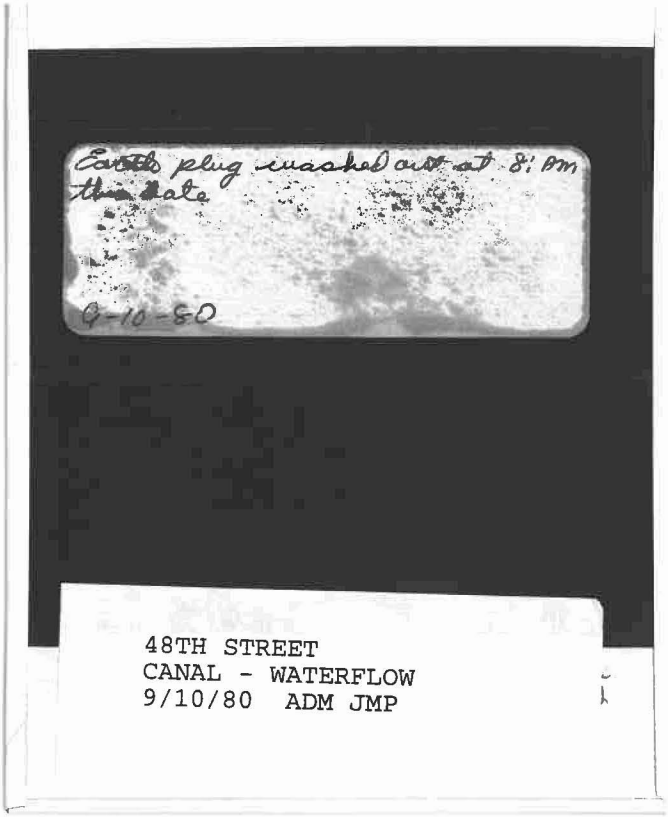

Cement finisher stepping into fresh concrete to finish slope. Note ripple finish on conc. slope surface
9-19-80
48TH STREET
CONSTRUCTION
9/19/80 ADM JMP

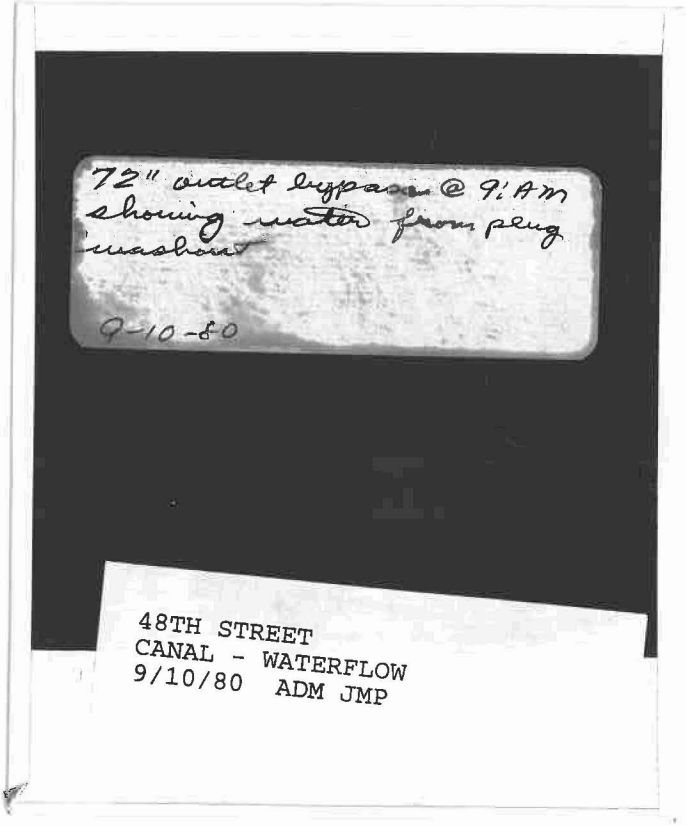

Note how wire mesh has been walked into the subgrade
9-19-80
48TH STREET
CONSTRUCTION
9/19/80 ADM JMP

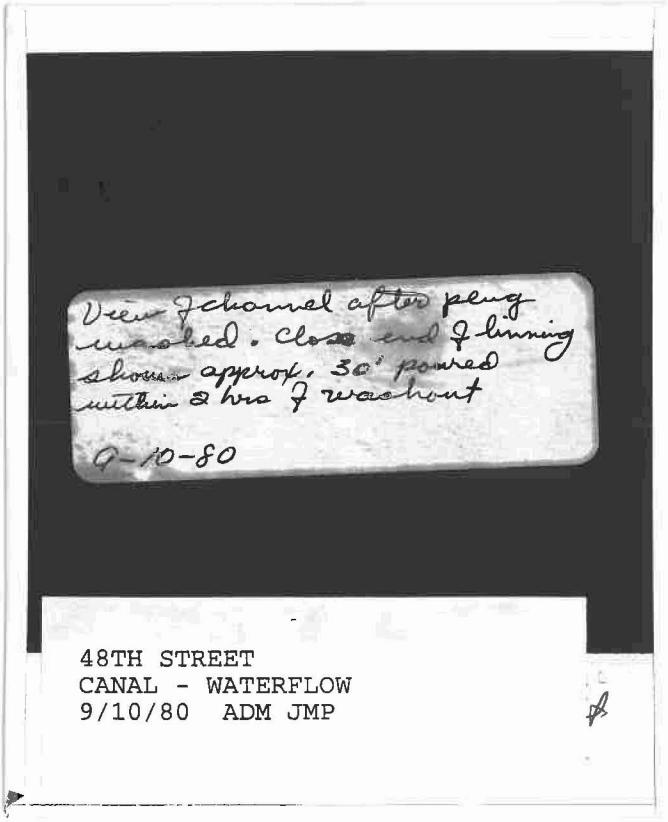

Last closure section to be poured before job is shut down by Engr. This now represents about 1800 LF of channel lining.
9-19-80
48TH STREET
CONSTRUCTION
9/19/80 ADM JMP

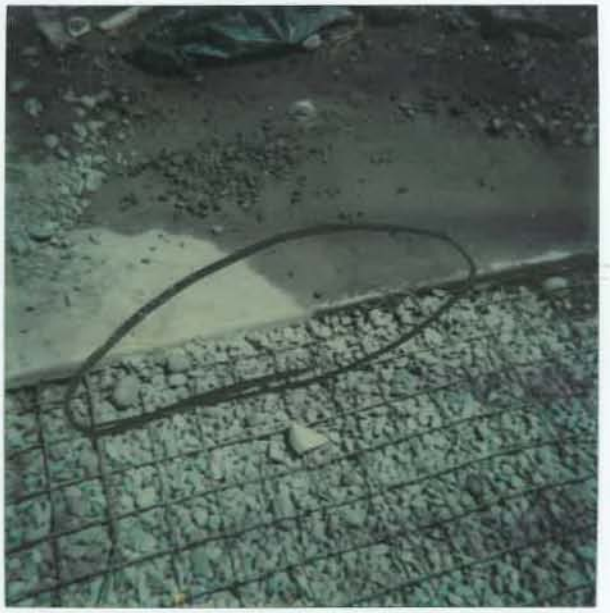

30 men & 2 pump operations
9-19-80
48TH STREET
CONSTRUCTION
9/19/80 ADM JMP

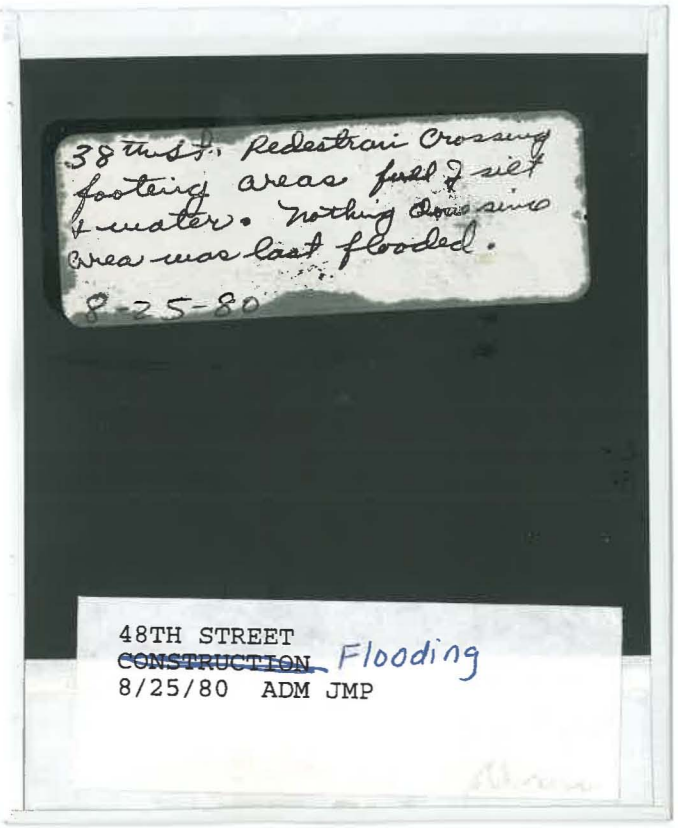

View J channel after plug washed out – a close look shows irregular slope J channel lining
9-10-80
48TH STREET
CANAL - WATERFLOW
9/10/80 ADM JMP

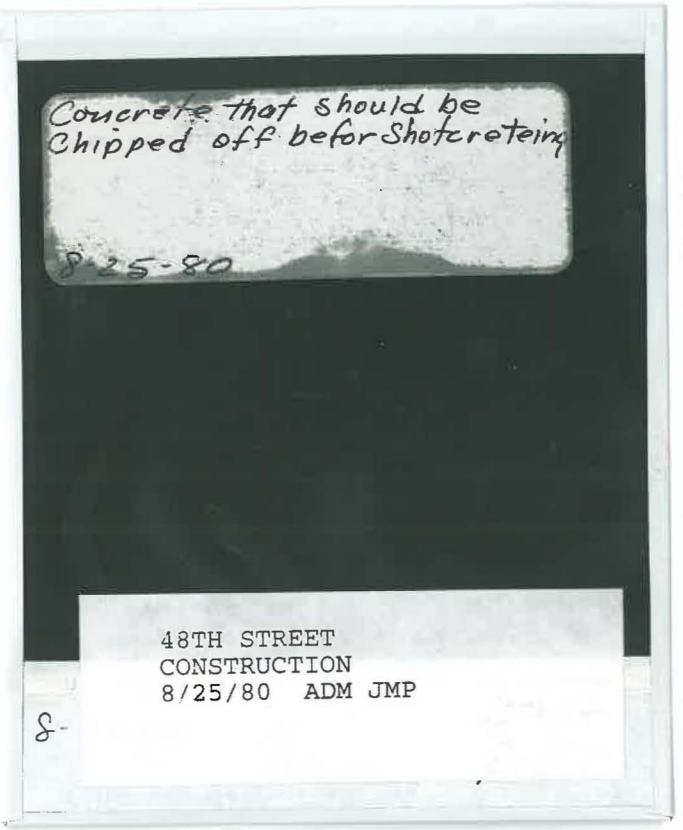

Earth plug washed out at 8:00 AM this date
9-10-80
48TH STREET
CANAL - WATERFLOW
9/10/80 ADM JMP

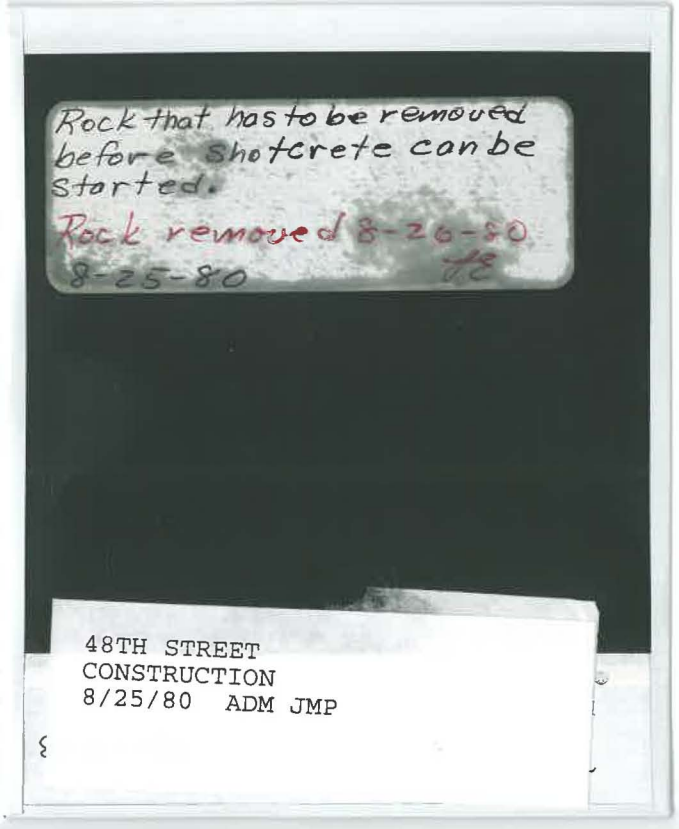

72" outlet bypass @ 9:00 AM showing water from plug washout
9-10-80
48TH STREET
CANAL - WATERFLOW
9/10/80 ADM JMP

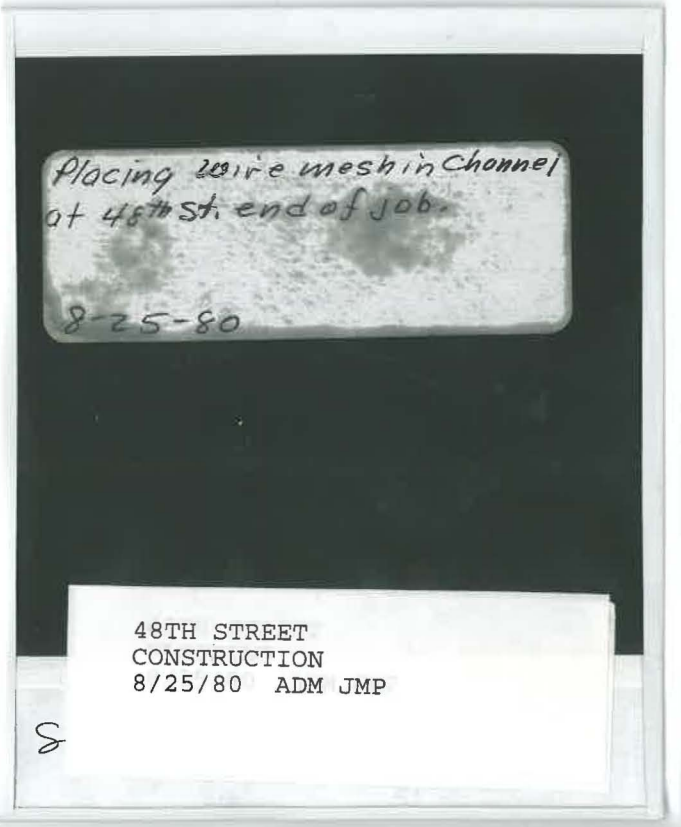

View J channel after plug washed. Close end J lining shows approx. 30' powered within 2 hrs J washout
9-10-80
48TH STREET
CANAL - WATERFLOW
9/10/80 ADM JMP




38th St. Pedestrai Crossing
footing areas full of wet
& water. Nothing done since
area was last flooded.
8-25-80
48TH STREET
CONSTRUCTION Flooding
8/25/80 ADM JMP


Concrete that should be
Chipped off befor Shotcreteing
8-25-80
48TH STREET
CONSTRUCTION
8/25/80 ADM JMP


Rock that has to be removed
before Shotcrete can be
started.
Rock removed 8-26-80
8-25-80
48TH STREET
CONSTRUCTION
8/25/80 ADM JMP

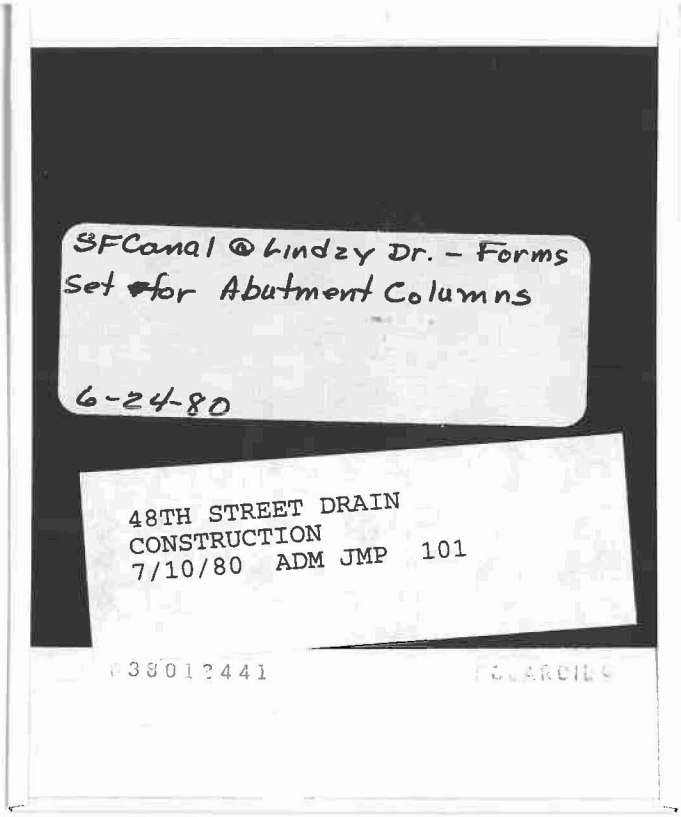

Placing wire mesh in Channel
at 48th St. end of job.
8-25-80
48TH STREET
CONSTRUCTION
8/25/80 ADM JMP

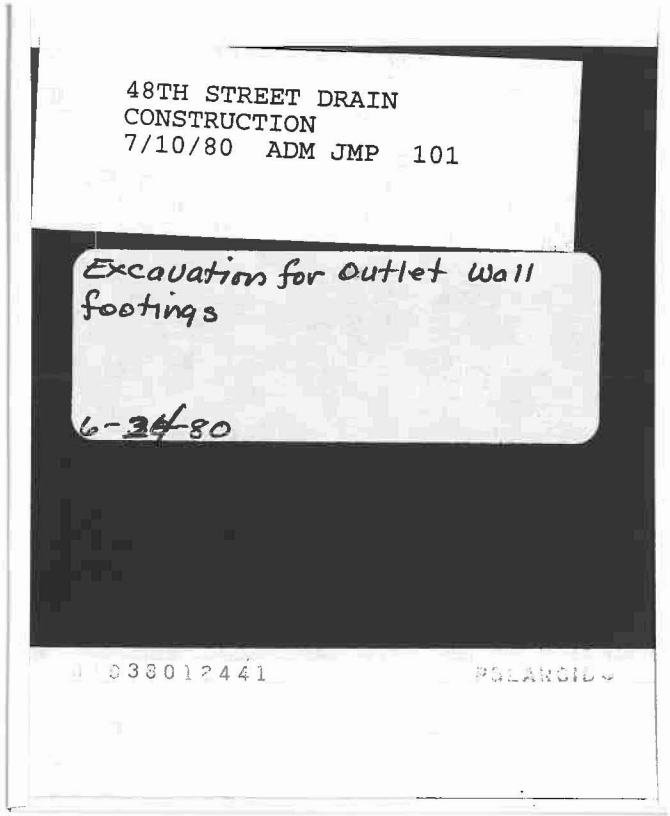
6-24-80

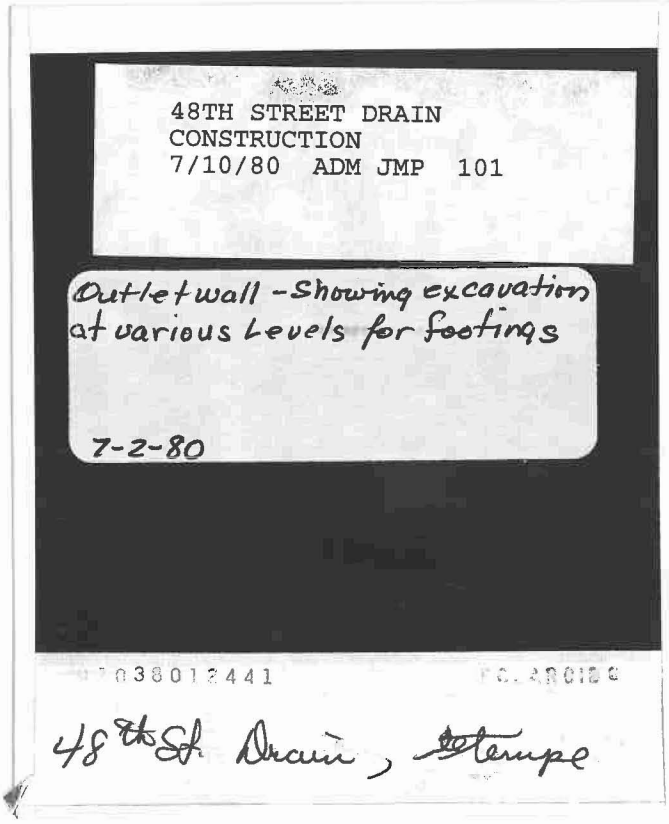
6-24-80

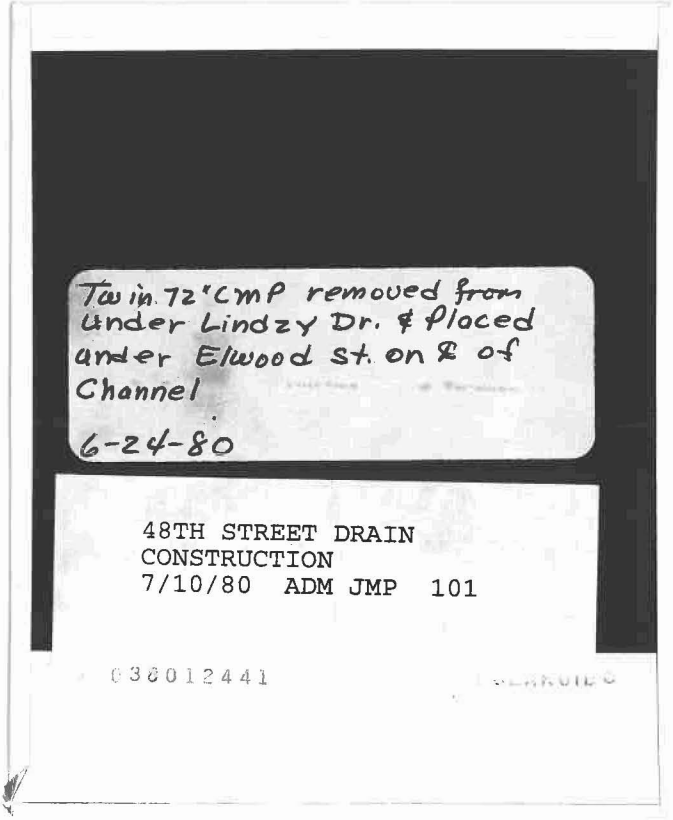
7-2-80

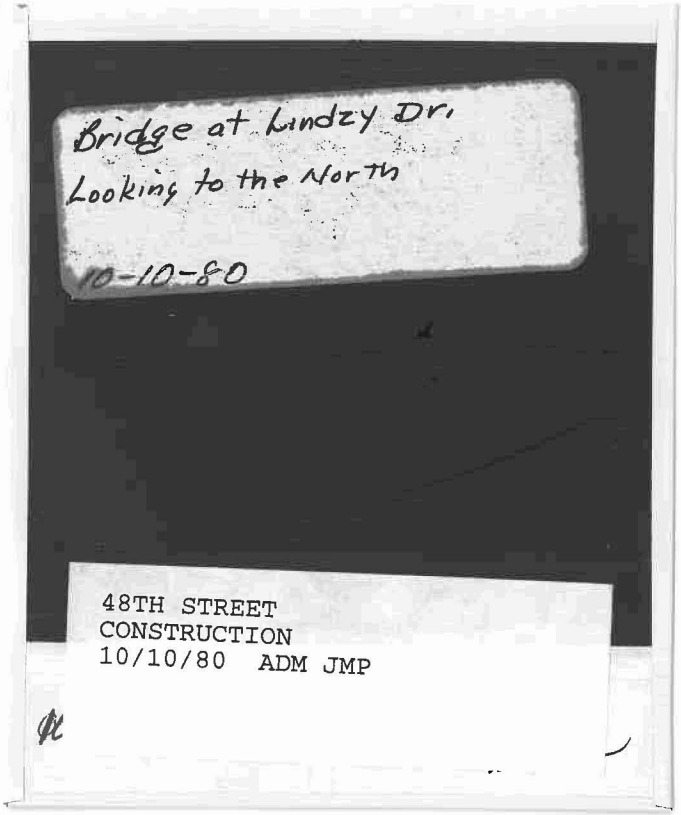
6-24-80

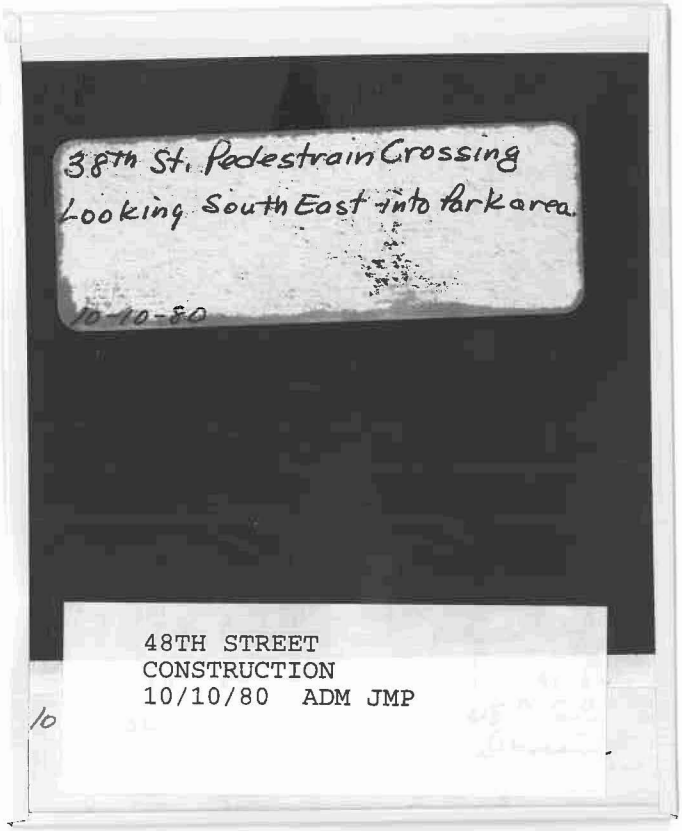

SFCanal @ Lindzy Dr. - Forms Set for Abutment Columns
6-24-80
48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
038012441

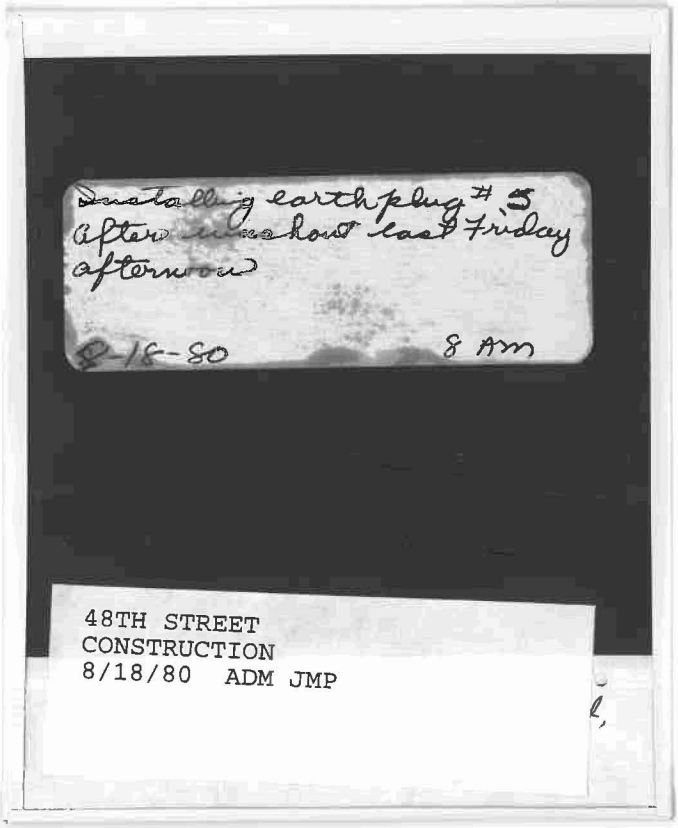

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
Excavation for Outlet Wall footings
6-24-80
038012441

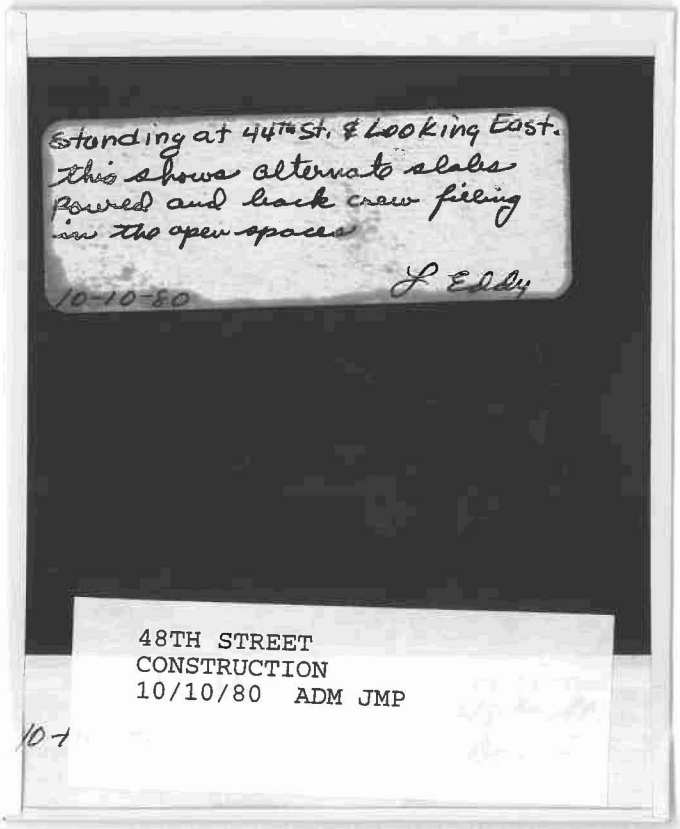

48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
Outlet wall - Showing excavation at various Levels for footings
7-2-80
038012441
48th St Drain, Tempe

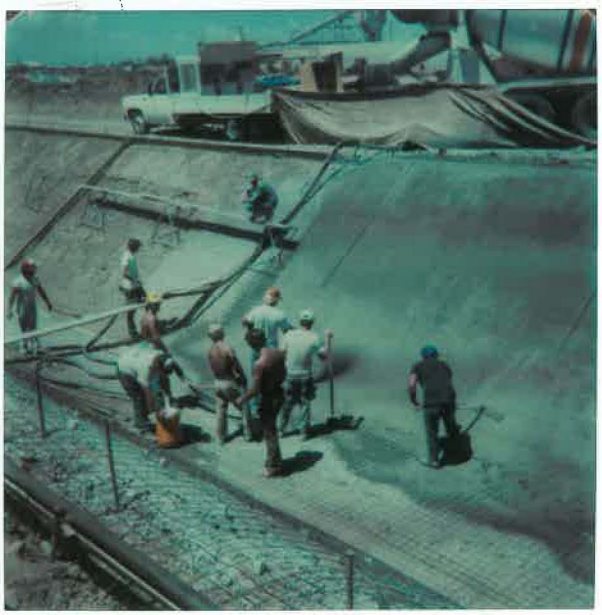

Twin 72" CMP removed from under Lindzy Dr. & Placed under Elwood St. on E of Channel
6-24-80
48TH STREET DRAIN
CONSTRUCTION
7/10/80 ADM JMP 101
038012441

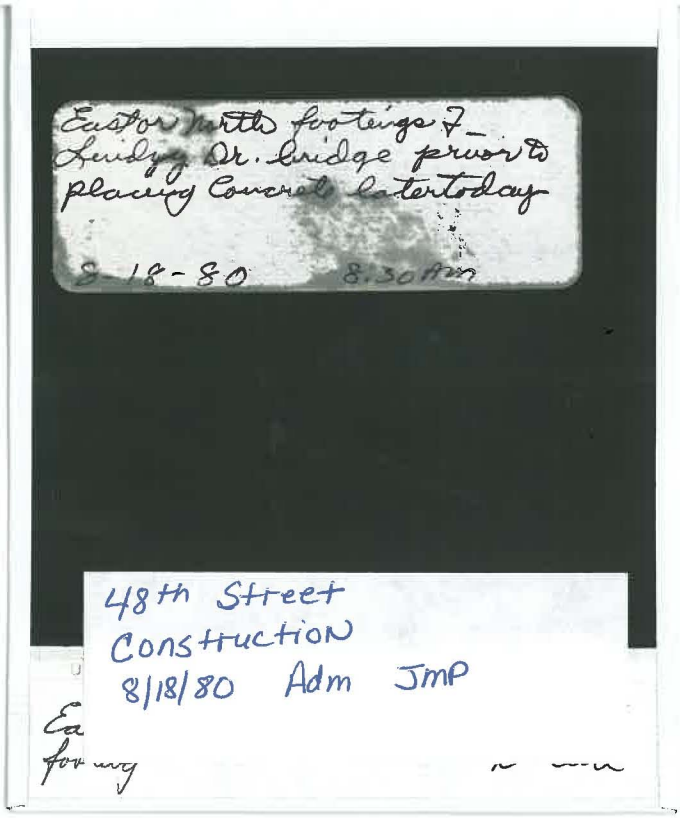

Bridge at Lindzy Dr.
Looking to the North
10-10-80
48TH STREET
CONSTRUCTION
10/10/80 ADM JMP


38th St. Pedestrain Crossing
Looking South East into Park area.
10-10-80
48TH STREET
CONSTRUCTION
10/10/80 ADM JMP

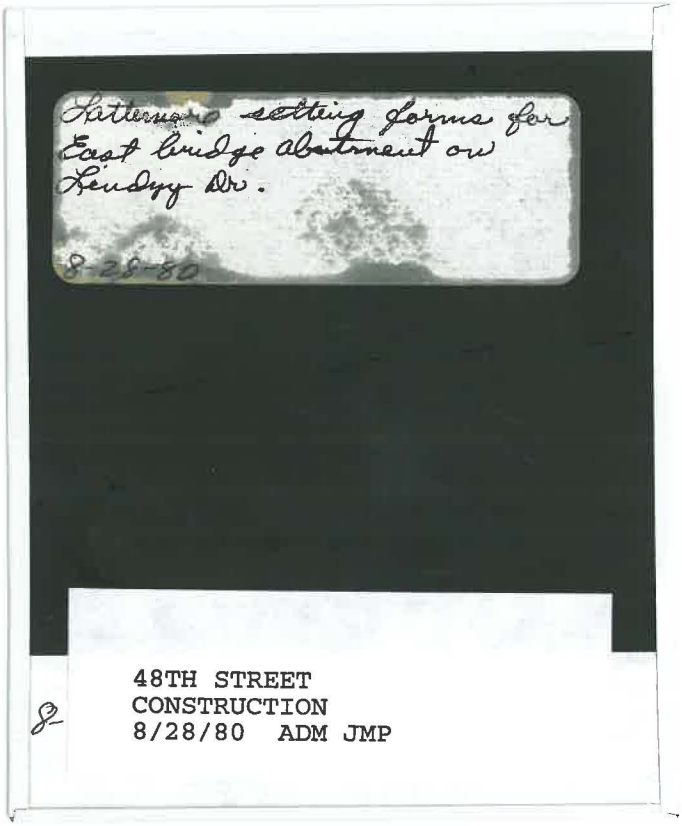

Installing earth plug # 5
after inspection last Friday
afternoon
8-18-80 8 AM
48TH STREET
CONSTRUCTION
8/18/80 ADM JMP

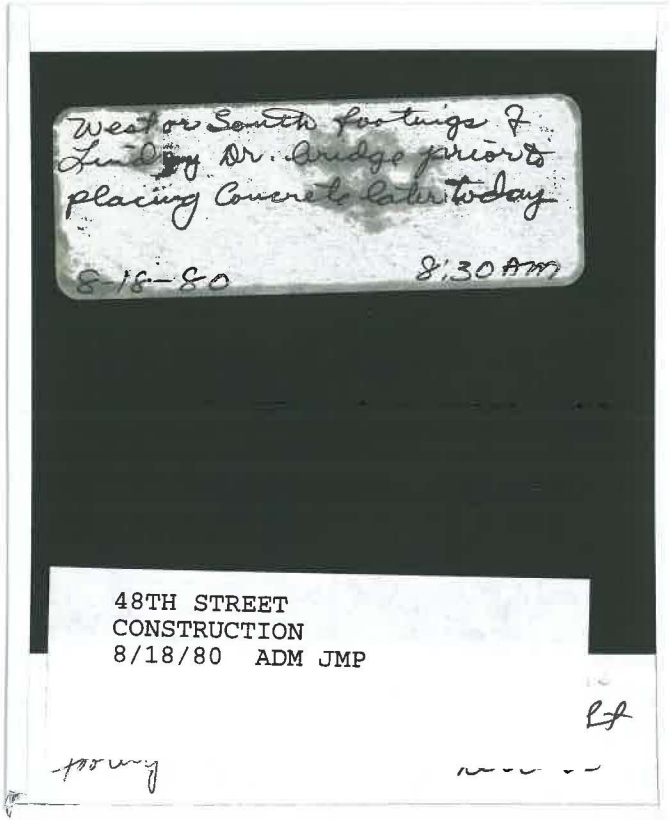

Standing at 44th St. & Looking East.
this shows alternate slabs
Poured and back crew filling
in the open spaces
L Eddy
10-10-80
48TH STREET
CONSTRUCTION
10/10/80 ADM JMP

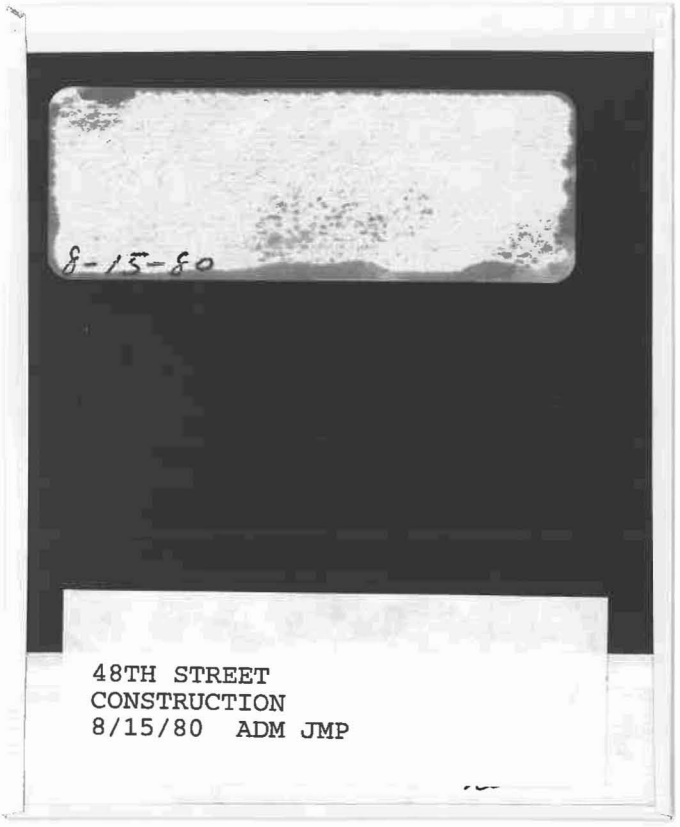


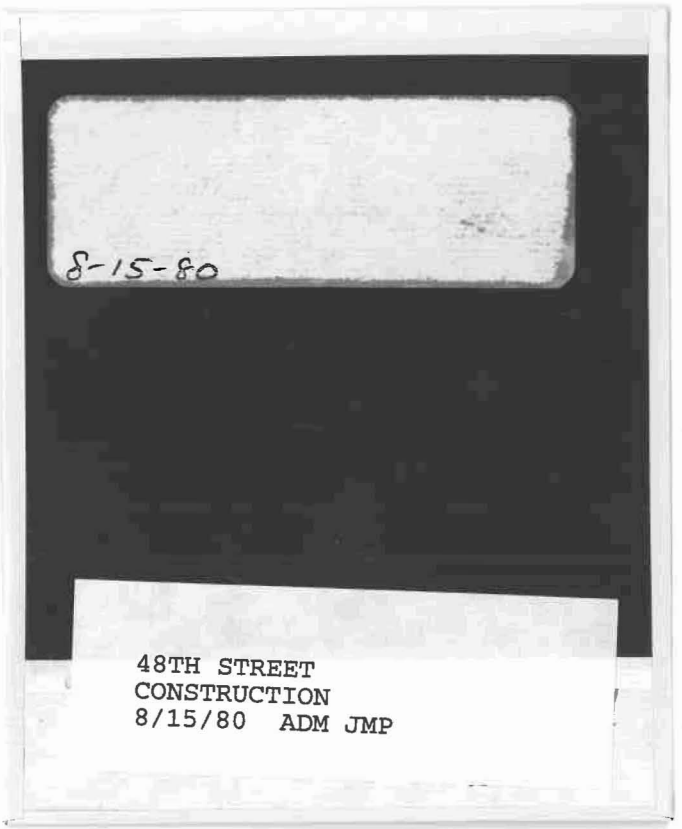

East or North footings for Lindsay Dr. bridge prior to placing Concrete later today
8-18-80 8:30 AM
48th Street
Construction
8/18/80 Adm JMP

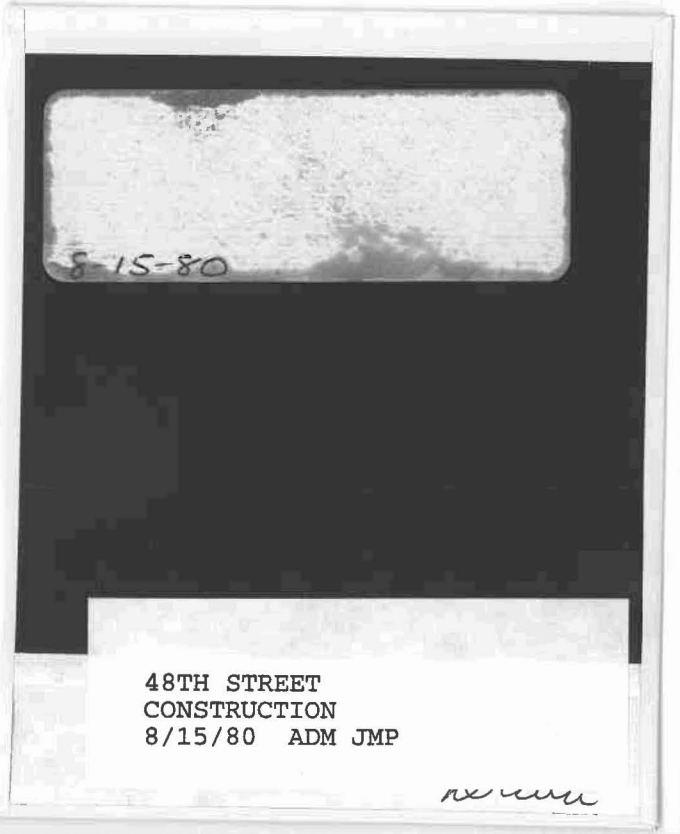
8-26-80
48TH STREET
CONSTRUCTION
8/28/80 ADM JMP

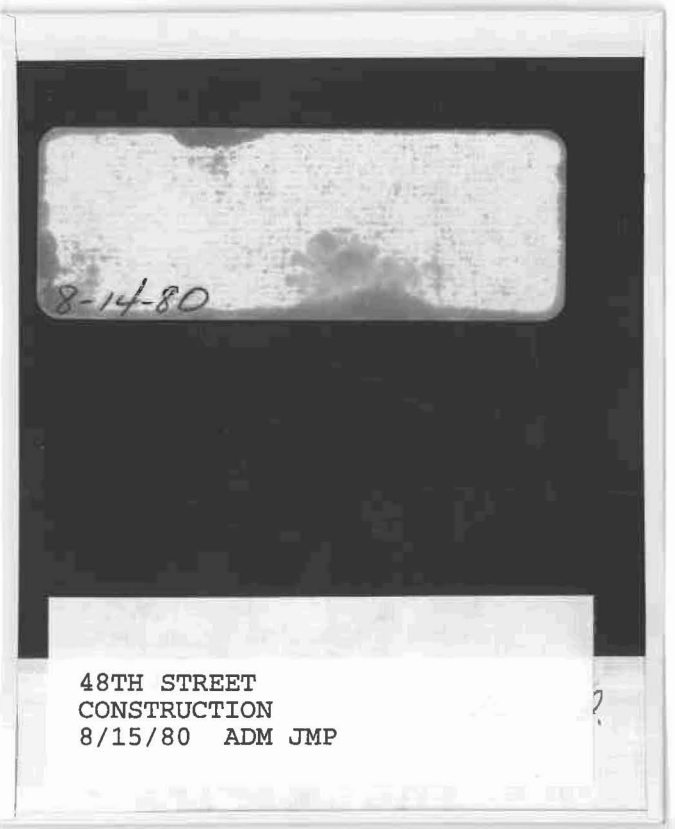

Laterneed setting forms for East bridge abutment on Lindsay Dr.
8-28-80
48TH STREET
CONSTRUCTION
8/28/80 ADM JMP

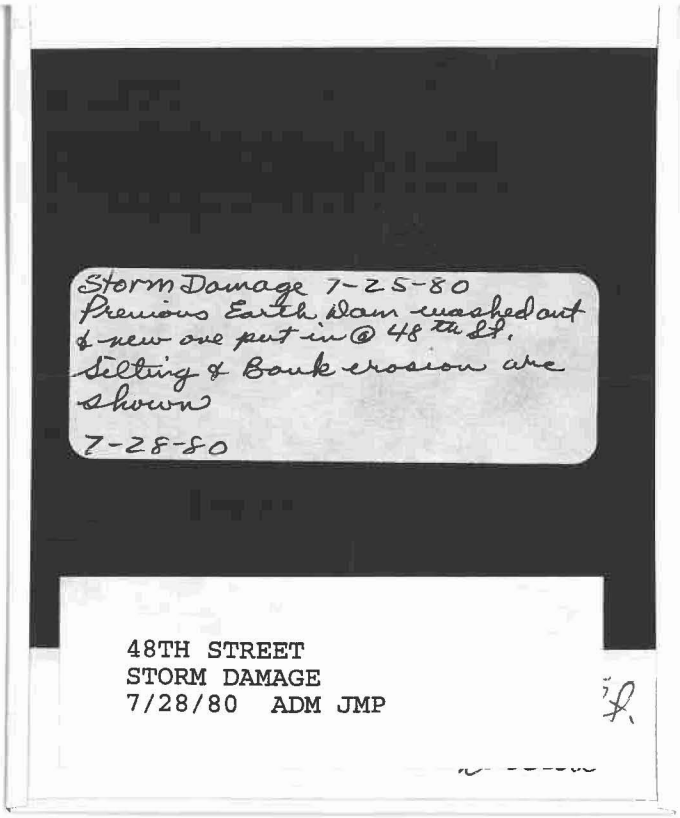

West or South footings for Lindsay Dr. bridge prior to placing Concrete later today
8-18-80 8:30 AM
48TH STREET
CONSTRUCTION
8/18/80 ADM JMP

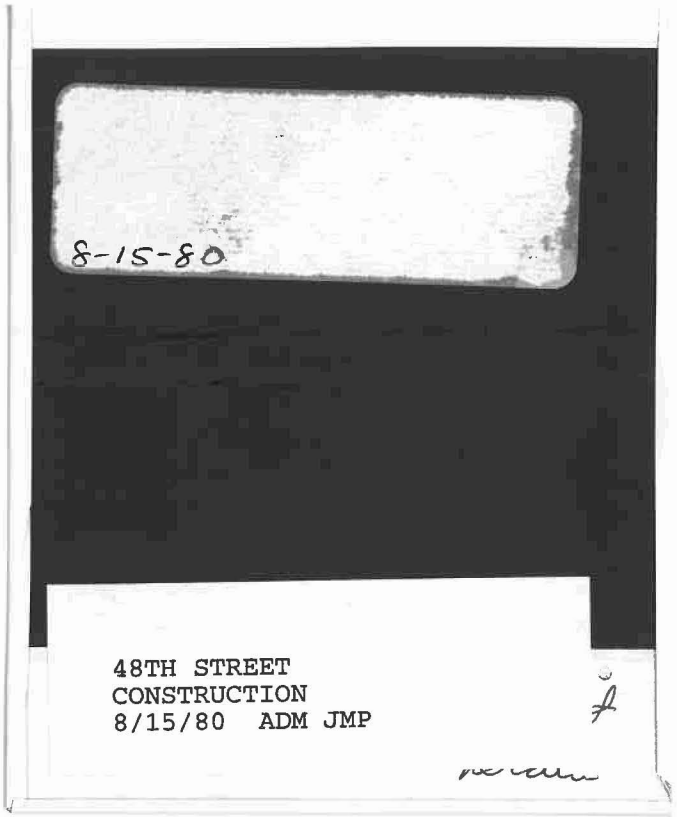

8-15-80
48TH STREET
CONSTRUCTION
8/15/80 ADM JMP

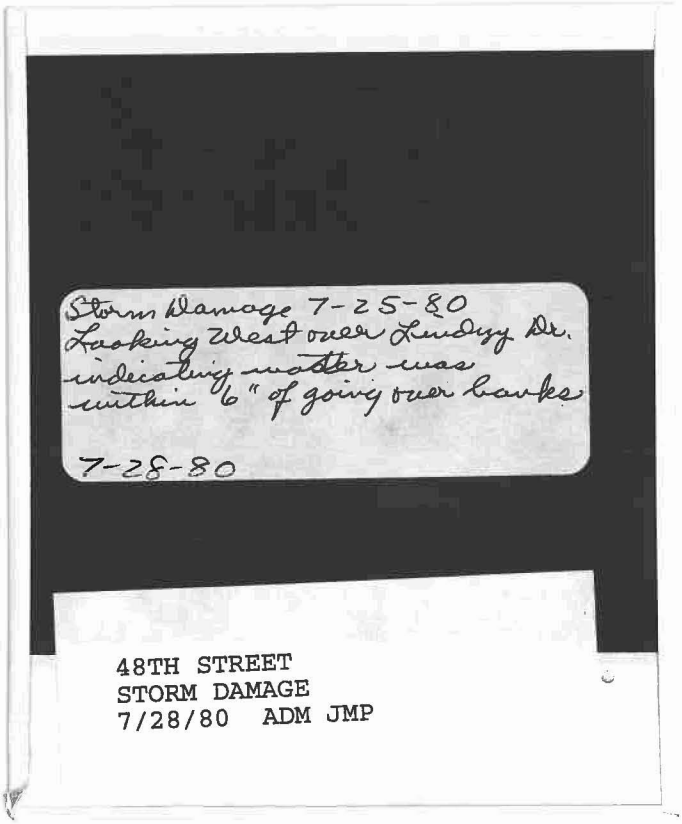

8-15-80
48TH STREET
CONSTRUCTION
8/15/80 ADM JMP

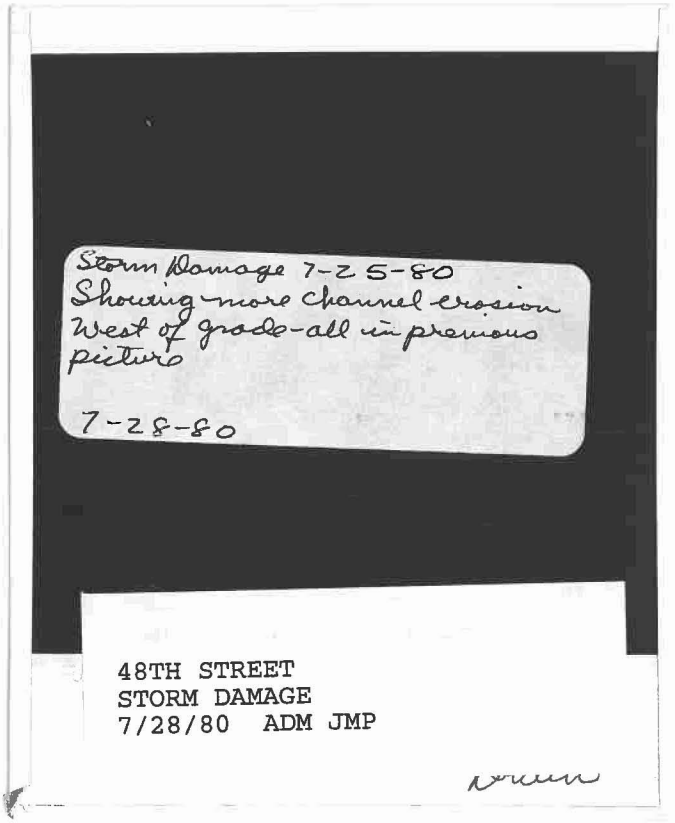

8-15-80
48TH STREET
CONSTRUCTION
8/15/80 ADM JMP

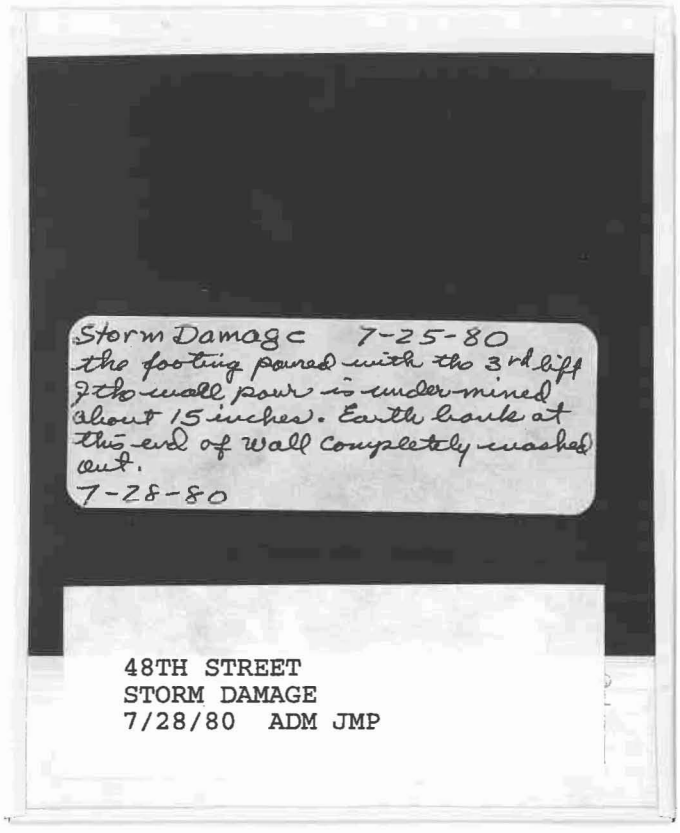

8-14-80
48TH STREET
CONSTRUCTION
8/15/80 ADM JMP

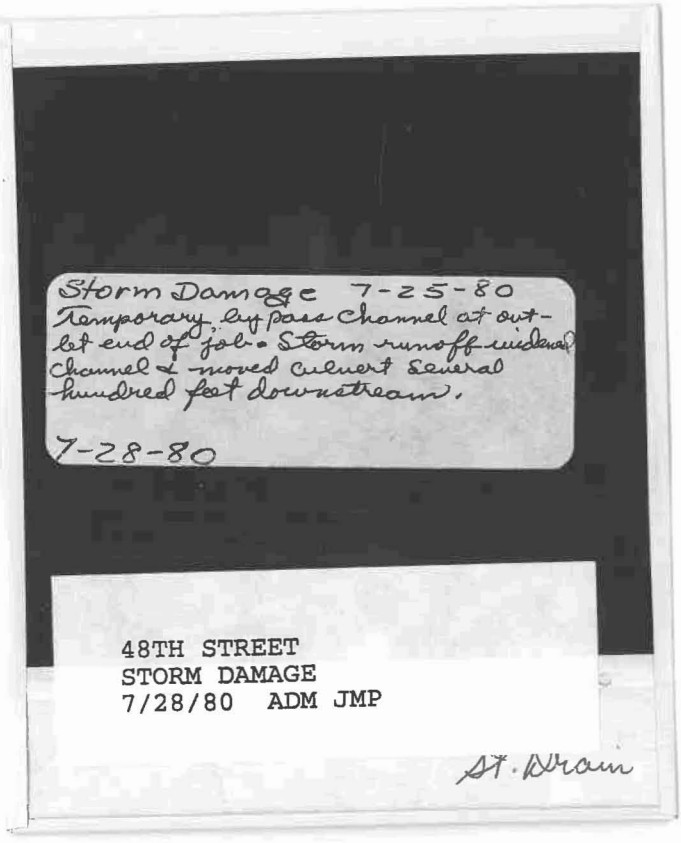

Storm Damage 7-25-80
Previous Earth Dam washed out & new one put in @ 48th St.
Silting & Bank erosion are shown
7-28-80
48TH STREET
STORM DAMAGE
7/28/80 ADM JMP

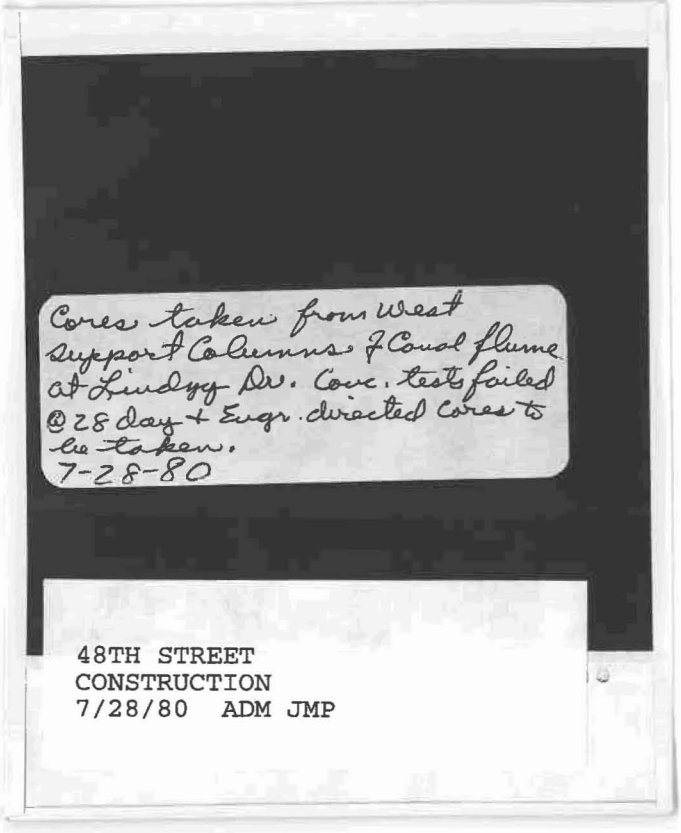

8-15-80
48TH STREET
CONSTRUCTION
8/15/80 ADM JMP

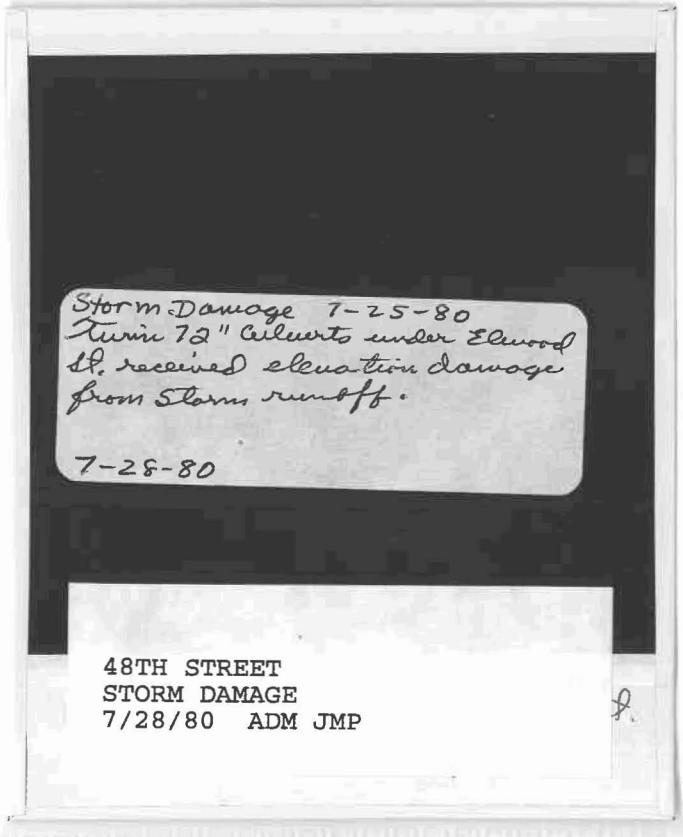

Storm Damage 7-25-80
Looking West over Lindyy Dr.
indicating water was within 6" of going over banks
7-28-80
48TH STREET
STORM DAMAGE
7/28/80 ADM JMP

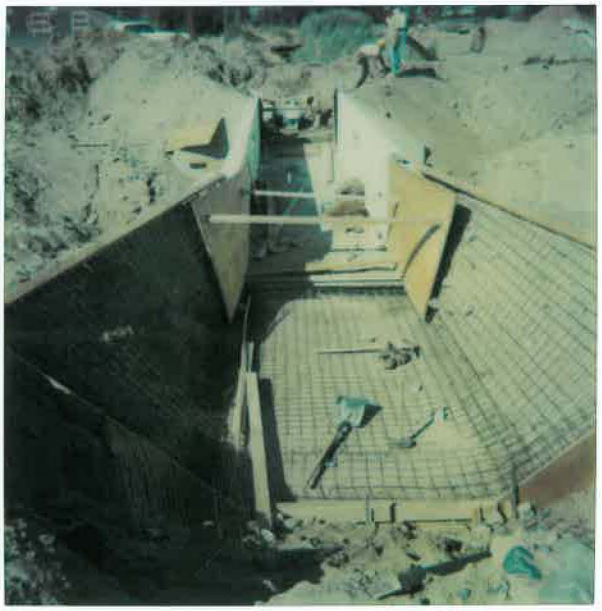

Storm Damage 7-25-80
Showing more channel erosion West of grade-all in previous picture
7-28-80
48TH STREET
STORM DAMAGE
7/28/80 ADM JMP

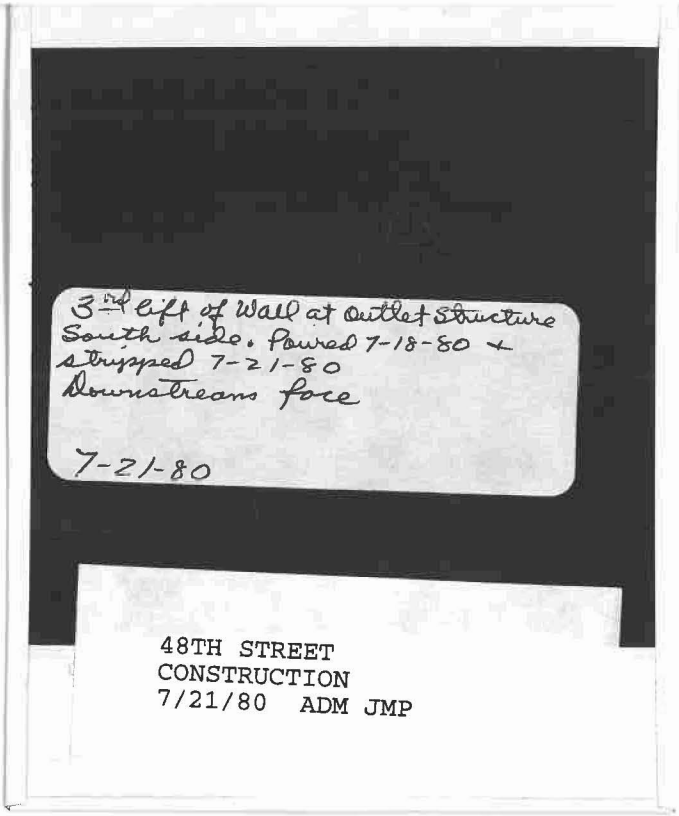

Storm Damage 7-25-80
the footing poured with the 3rd lift & the wall pour is under-mined about 15 inches. Earth bank at the end of wall completely washed out.
7-28-80
48TH STREET
STORM DAMAGE
7/28/80 ADM JMP

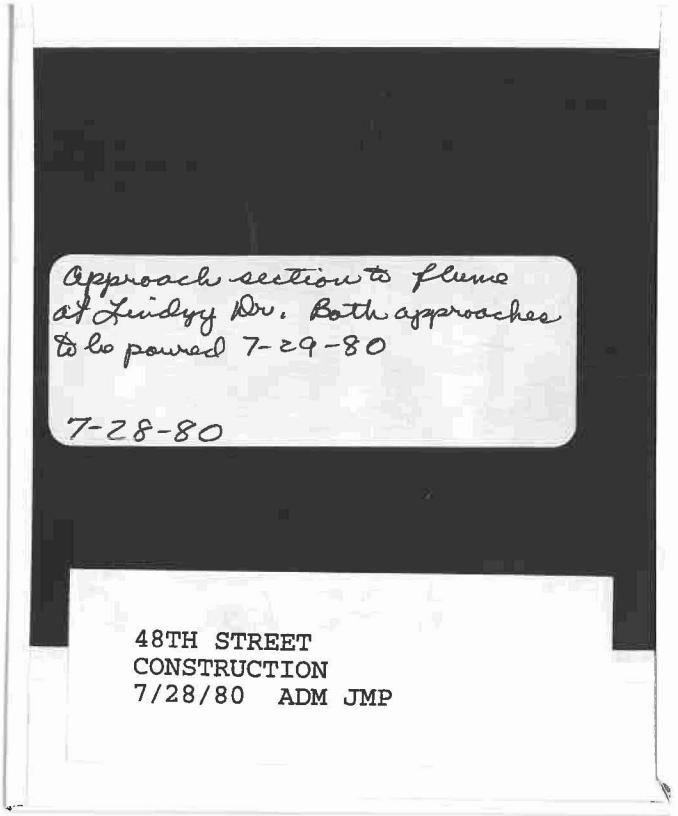

Storm Damage 7-25-80
Temporary by pass Channel at outlet end of job. Storm runoff widened Channel & moved culvert several hundred feet downstream.
7-28-80
48TH STREET
STORM DAMAGE
7/28/80 ADM JMP
St. Drain

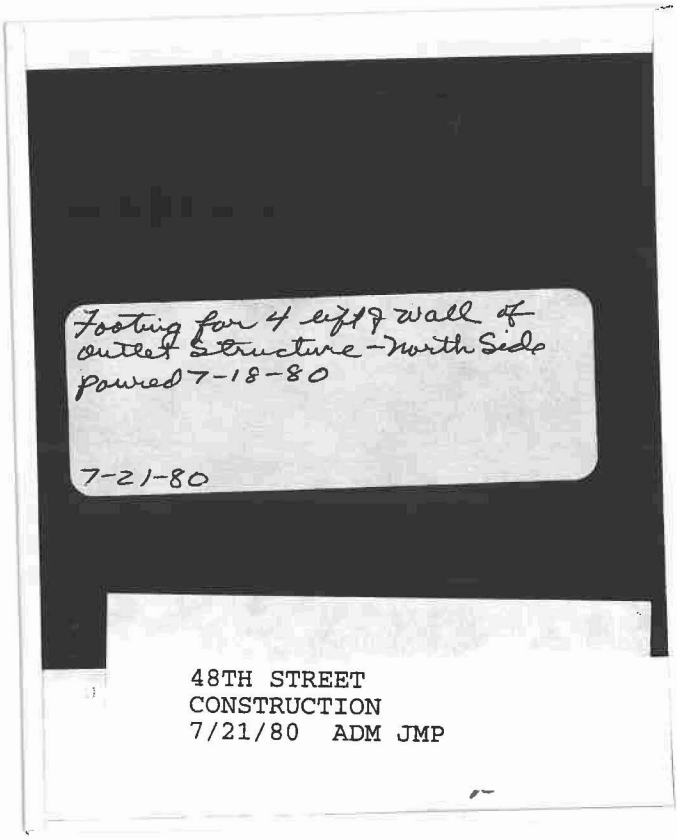

Cores taken from West support Columns & Canal flume at Lindyy Dr. Conc. tests failed @ 28 day + Engr. directed cores to be taken.
7-28-80
48TH STREET
CONSTRUCTION
7/28/80 ADM JMP

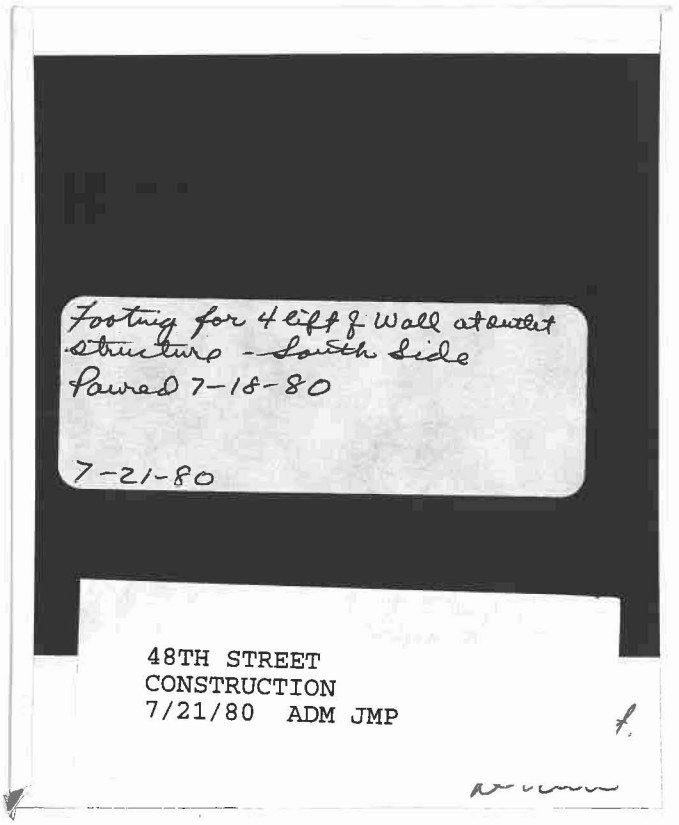

Storm Damage 7-25-80
Twin 72" Culverts under Elwood St. received elevation damage from Storm runoff.
7-28-80
48TH STREET
STORM DAMAGE
7/28/80 ADM JMP

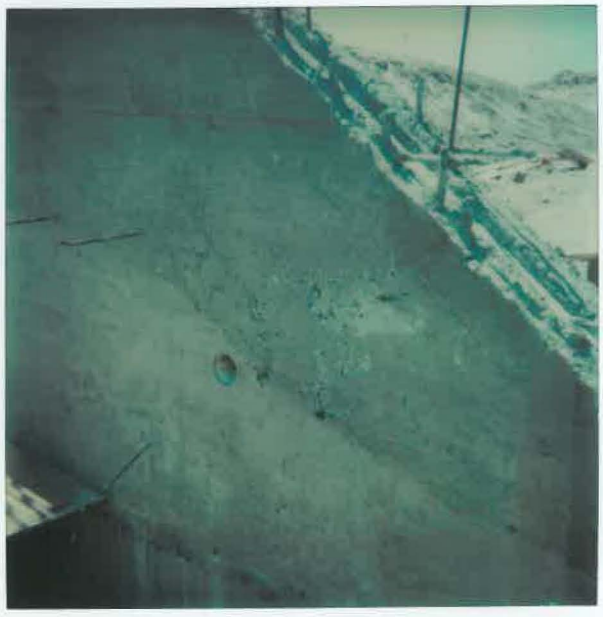


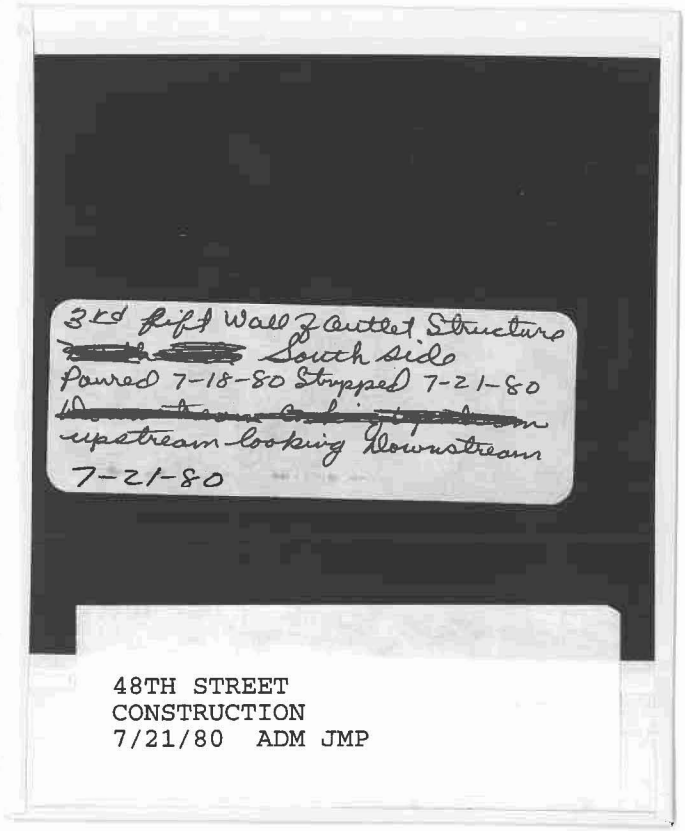

3rd lift of Wall at outlet structure South side. Poured 7-18-80 & stripped 7-21-80
Downstreams face
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

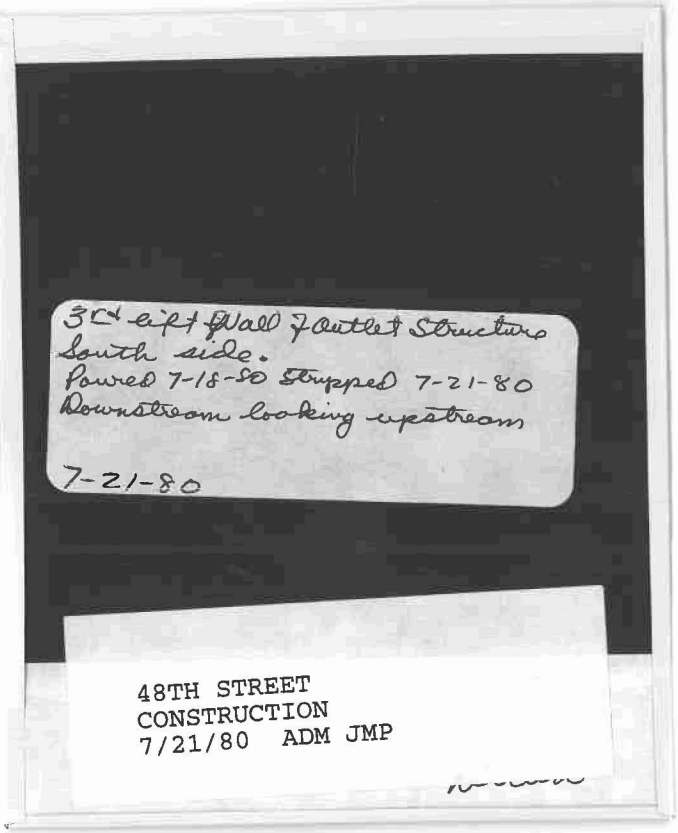

Approach section to flume at Lindsey Dr. Both approaches to be poured 7-29-80
7-28-80
48TH STREET
CONSTRUCTION
7/28/80 ADM JMP

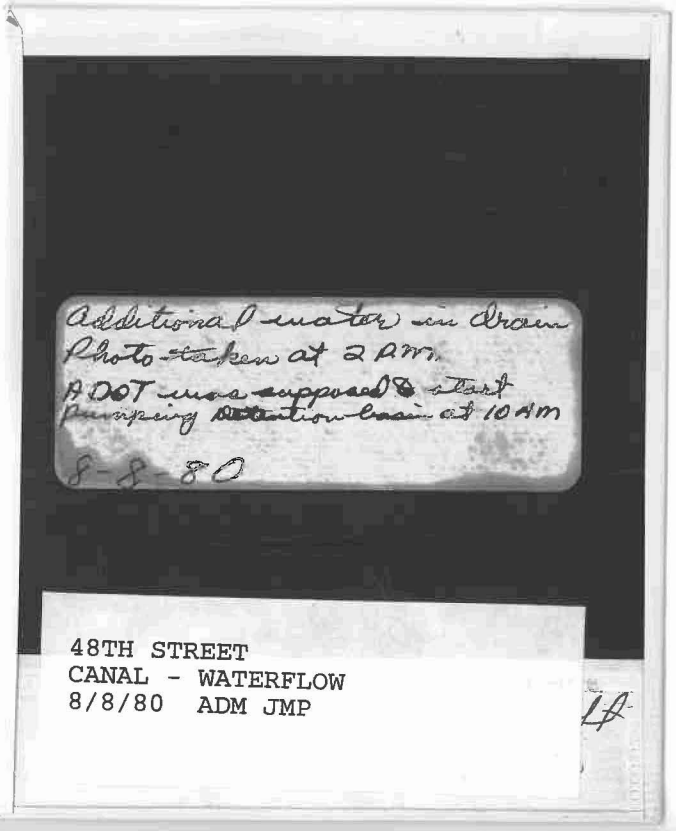

Footing for 4 lift of wall of outlet structure - North Side poured 7-18-80
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

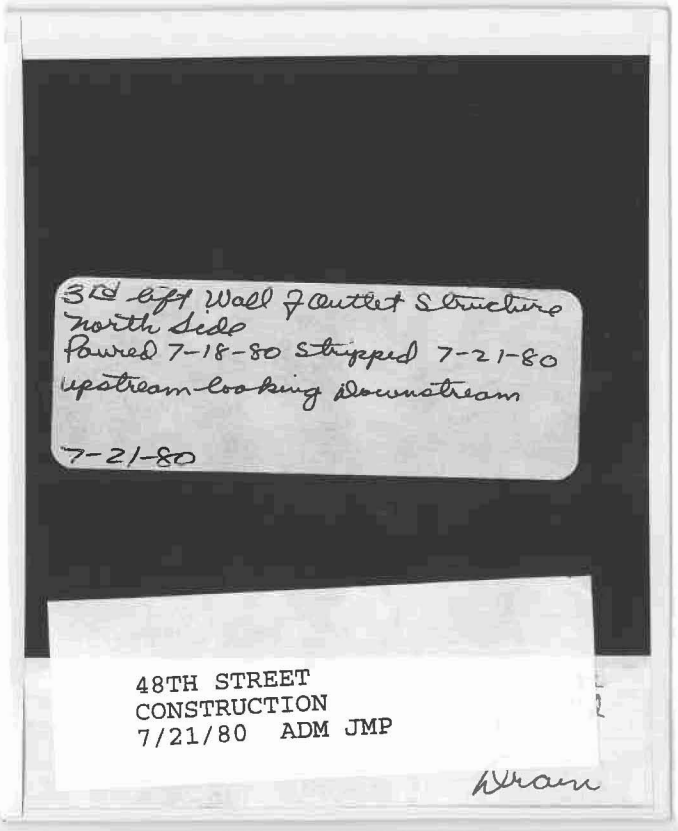

Footing for 4 lift of Wall at outlet structure - South Side
Poured 7-18-80
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

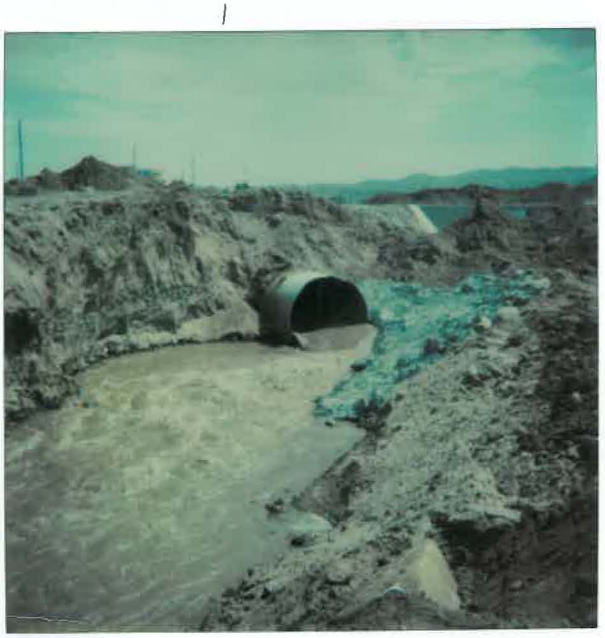


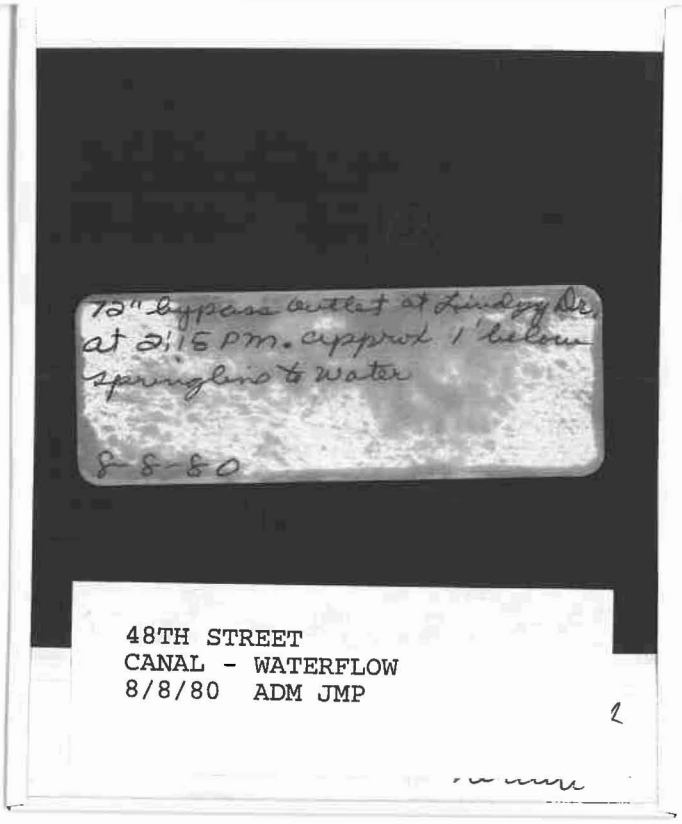

3rd lift Wall 7 outlet Structure
South side
Poured 7-18-80 Stripped 7-21-80
upstream-looking downstream
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

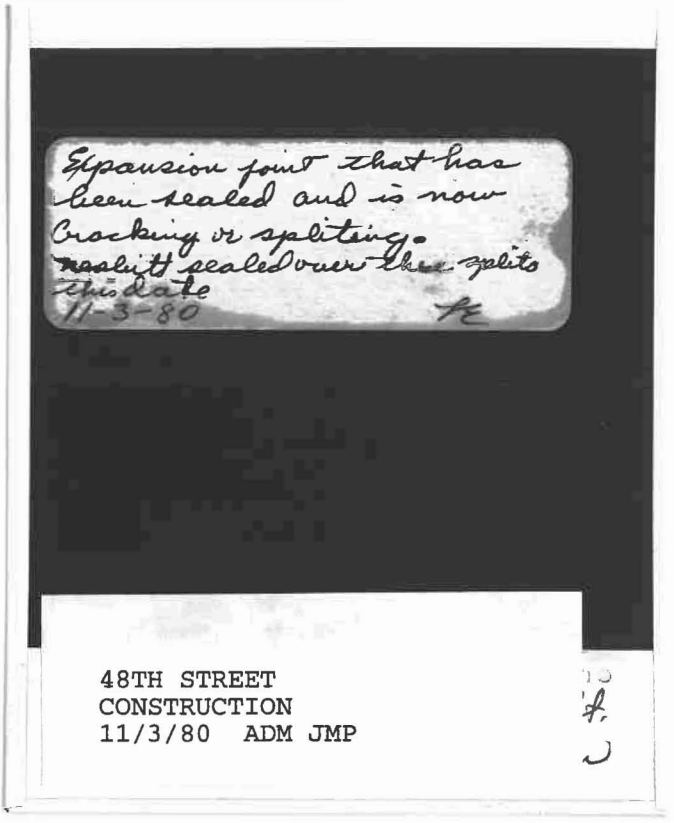

3rd lift Wall 7 outlet Structure
South side.
Poured 7-18-80 Stripped 7-21-80
Downstream looking upstream
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

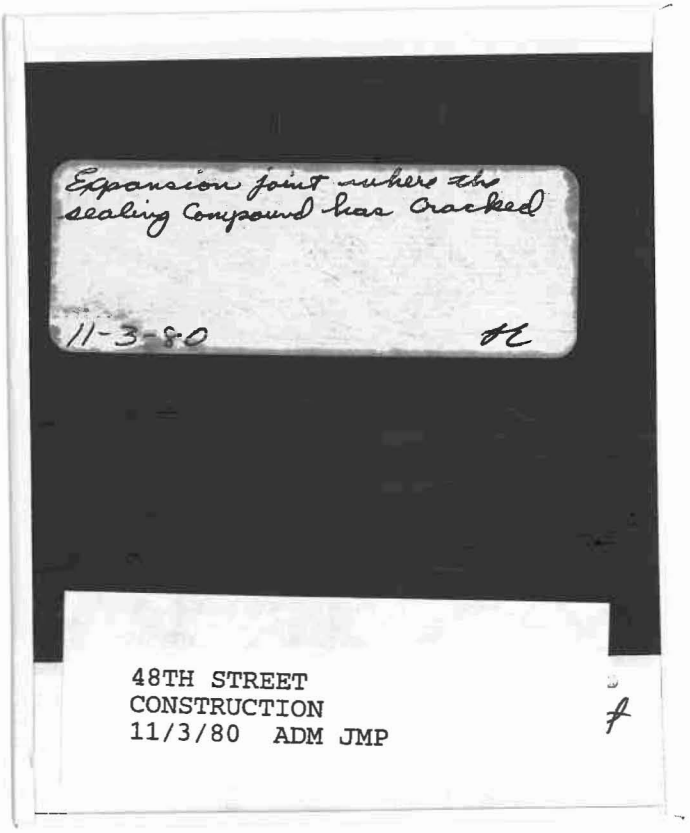

Additional water in drain
Photo taken at 2 PM.
FDOT was supposed to start
pumping detention basin at 10 AM
8-8-80
48TH STREET
CANAL - WATERFLOW
8/8/80 ADM JMP

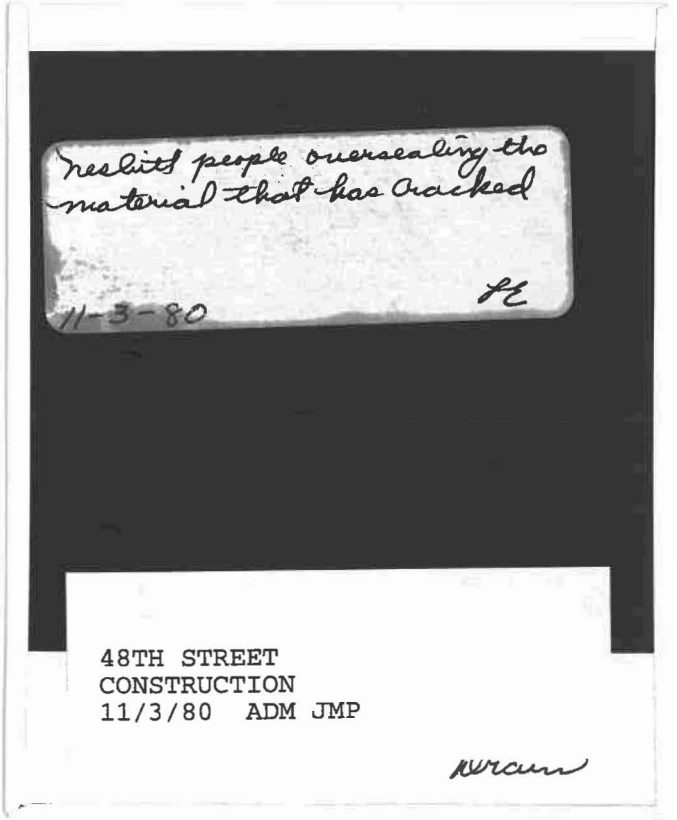

3rd lift Wall 7 outlet Structure
North side
Poured 7-18-80 Stripped 7-21-80
upstream-looking downstream
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

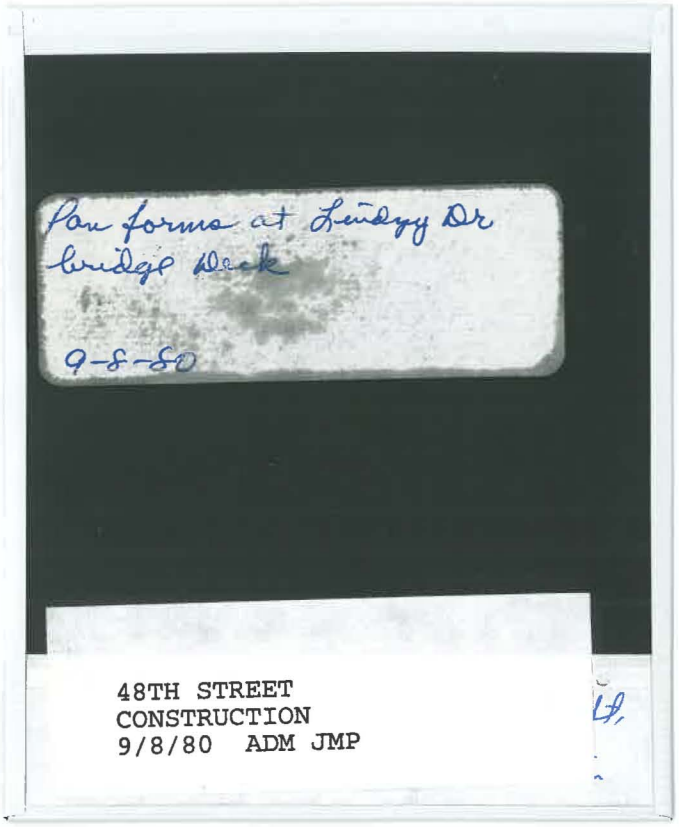


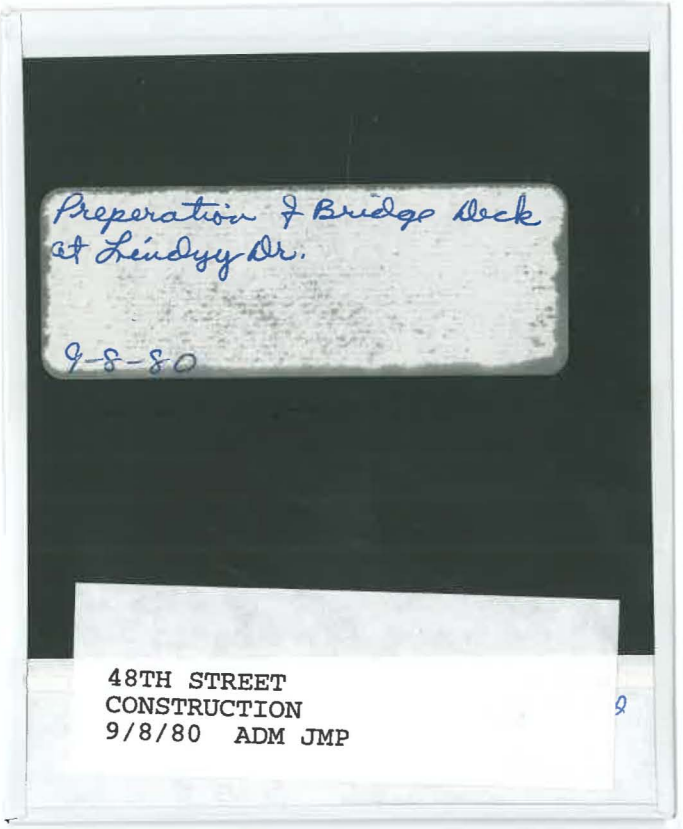

72" bypass outlet at Lindy Dr.
at 2:15 PM. approx 1' below
springline to water
8-8-80
48TH STREET
CANAL - WATERFLOW
8/8/80 ADM JMP

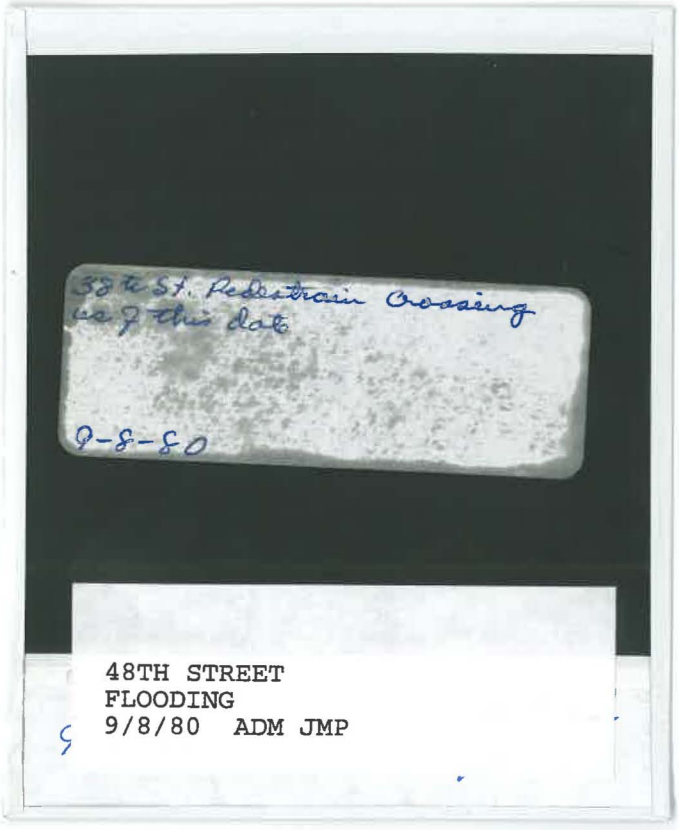

Expansion joint that has
been sealed and is now
cracking or splitting.
Neslitt sealed over the splits
this date
11-3-80 HE
48TH STREET
CONSTRUCTION
11/3/80 ADM JMP

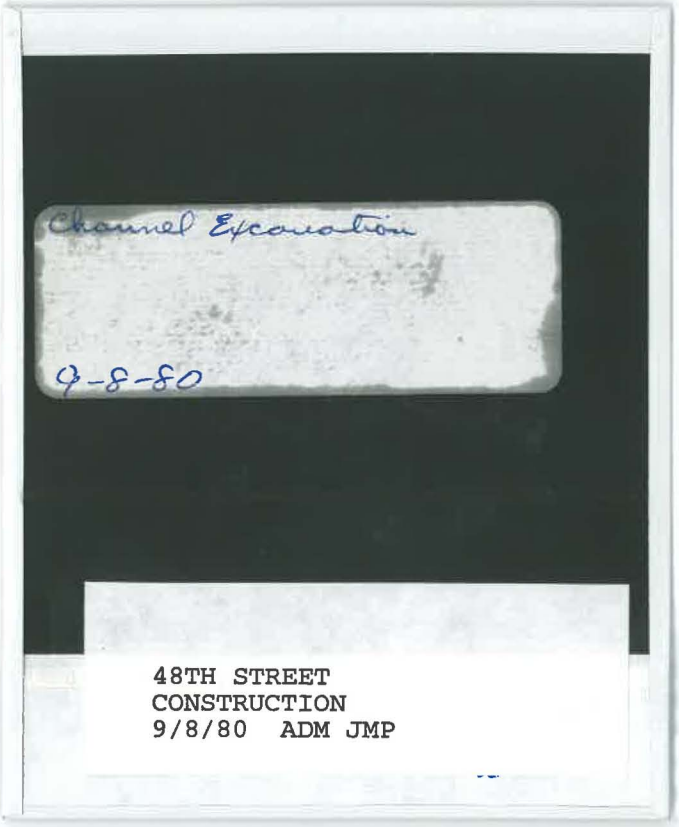

Expansion joint where the
sealing compound has cracked
11-3-80 HE
48TH STREET
CONSTRUCTION
11/3/80 ADM JMP

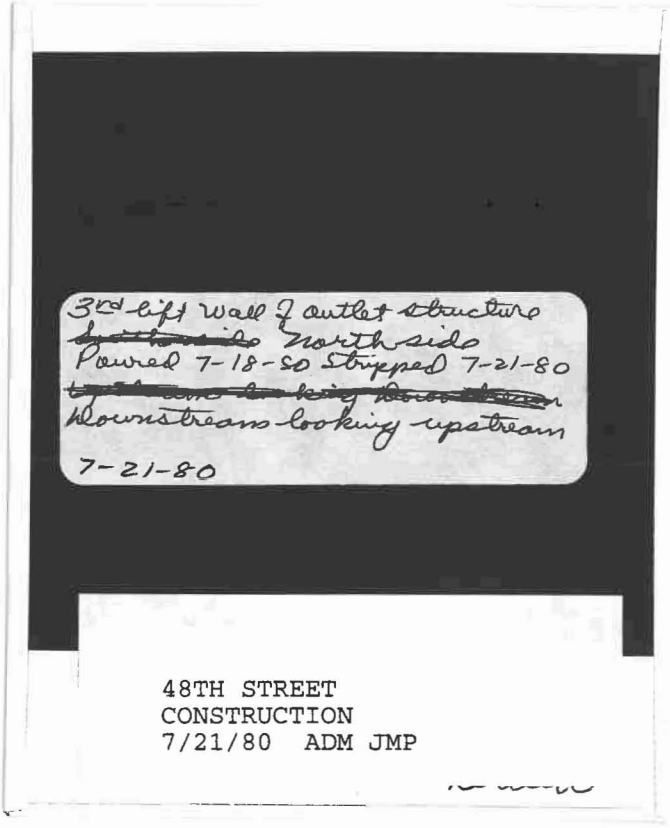

Neslitt people oversealing the
material that has cracked
11-3-80 HE
48TH STREET
CONSTRUCTION
11/3/80 ADM JMP


Pan forms at Lindsy Dr
bridge deck
9-8-80
48TH STREET
CONSTRUCTION
9/8/80 ADM JMP

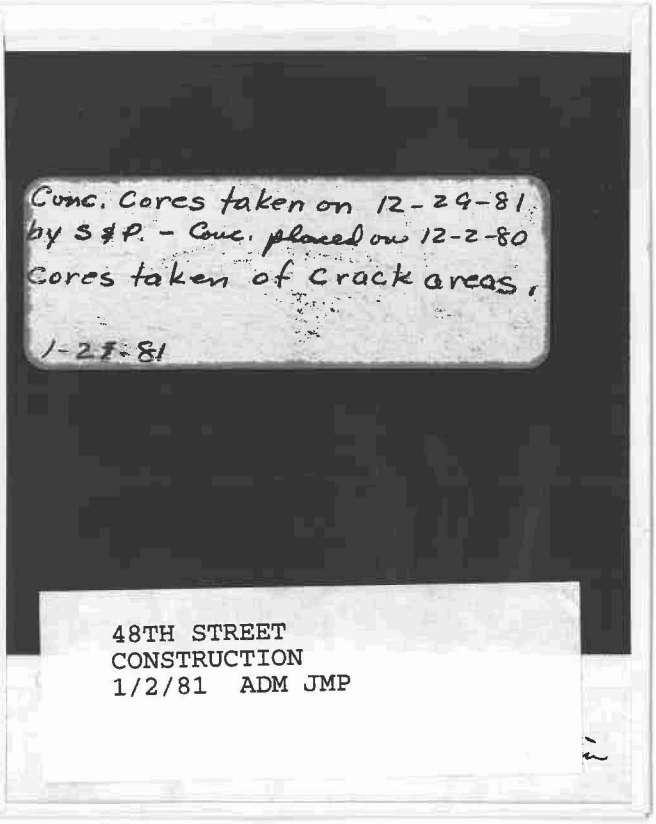

Preperation of Bridge Deck
at Lindsy Dr.
9-8-80
48TH STREET
CONSTRUCTION
9/8/80 ADM JMP

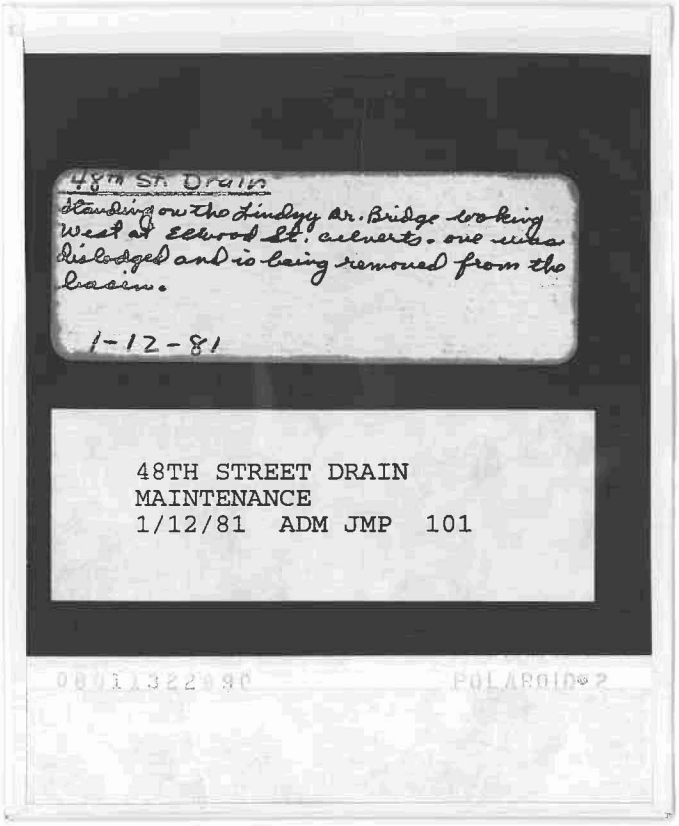

33rd St. Pedestrain Crossing
as of this date
9-8-80
48TH STREET
FLOODING
9/8/80 ADM JMP

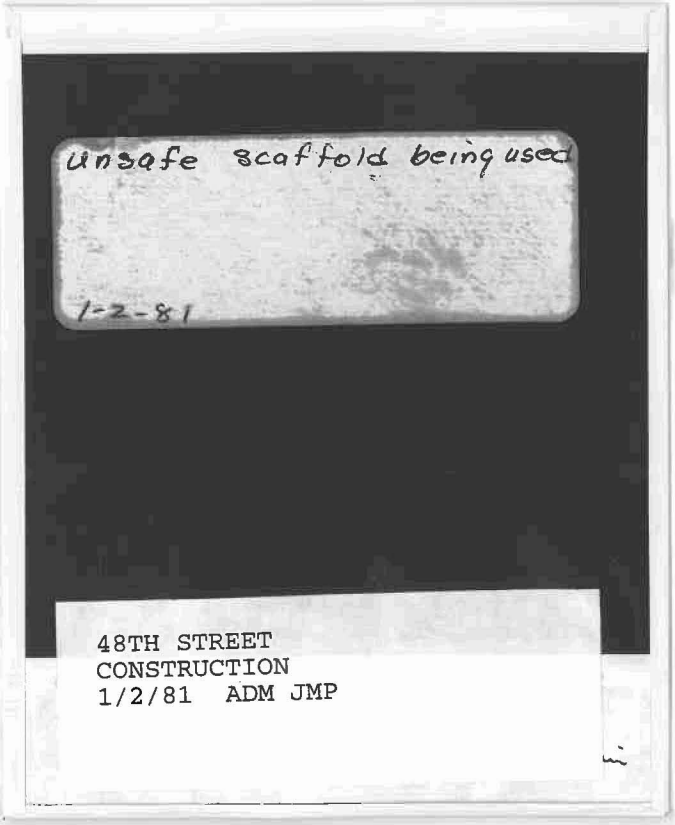

Channel Excavation
9-8-80
48TH STREET
CONSTRUCTION
9/8/80 ADM JMP

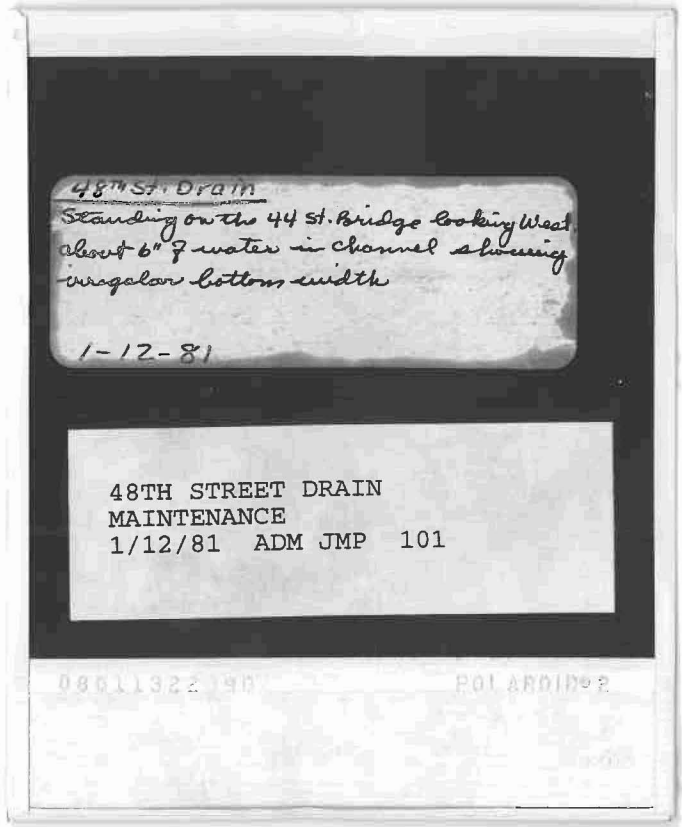

3rd lift wall & outlet structure
~~southside~~ Northside
Poured 7-18-80 Stripped 7-21-80
~~Upstream looking downstream~~
Downstream looking upstream
7-21-80
48TH STREET
CONSTRUCTION
7/21/80 ADM JMP

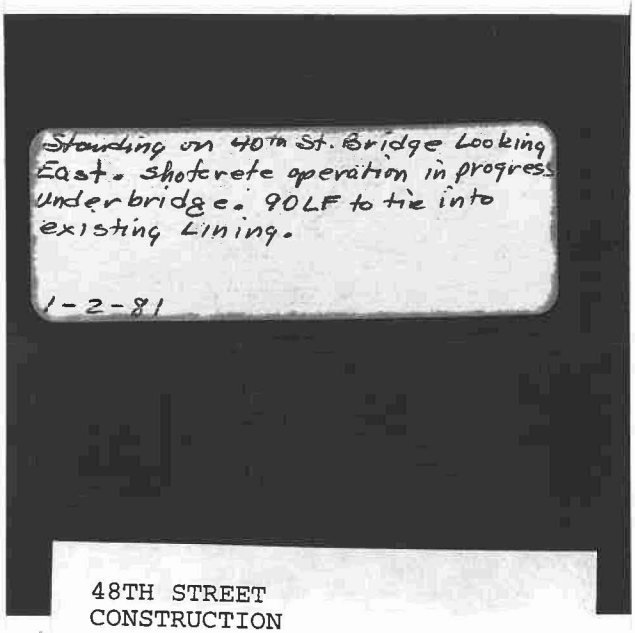
48th Street Drain Maintenance 1981


Conc. Cores taken on 12-29-81 by S&P. - Conc. placed on 12-2-80 Cores taken of Crack areas.
1-2-81
48TH STREET
CONSTRUCTION
1/2/81 ADM JMP

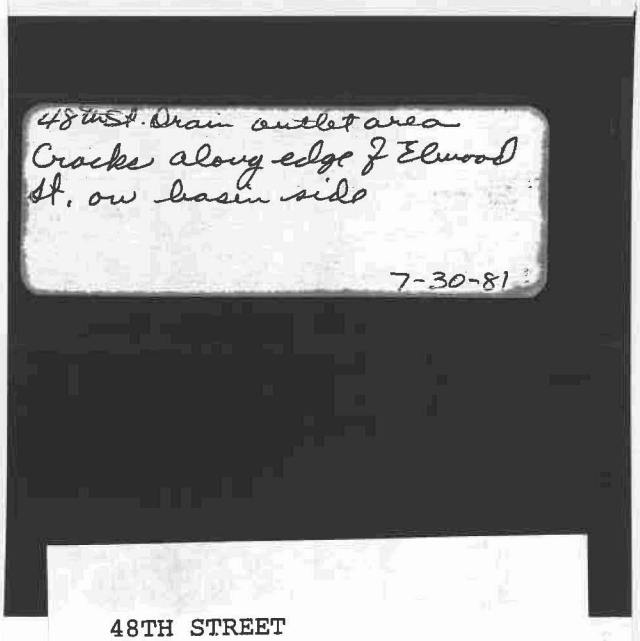

48th St. Drain
Standing on the Lindsay St. Bridge looking West at Redwood St. culverts. one tube dislodged and is being removed from the basin.
1-12-81
48TH STREET DRAIN
MAINTENANCE
1/12/81 ADM JMP 101


unsafe scaffold being used
1-2-81
48TH STREET
CONSTRUCTION
1/2/81 ADM JMP

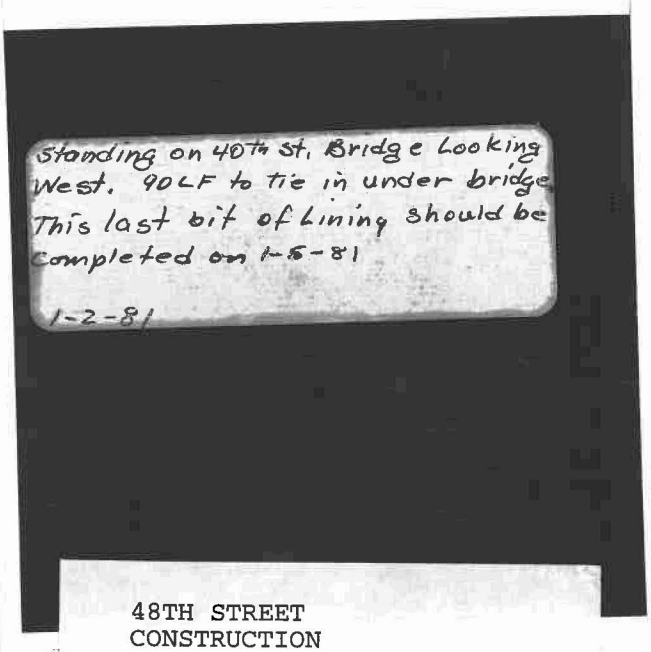

48th St. Drain
Standing on the 44 St. Bridge looking West about 6" of water in channel showing irregular bottom width
1-12-81
48TH STREET DRAIN
MAINTENANCE
1/12/81 ADM JMP 101



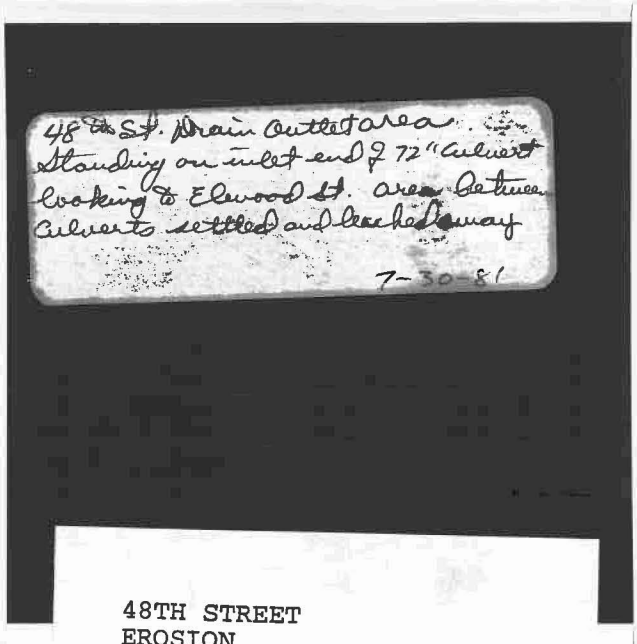
48TH STREET
CONSTRUCTION
1/2/81 ADM JMP



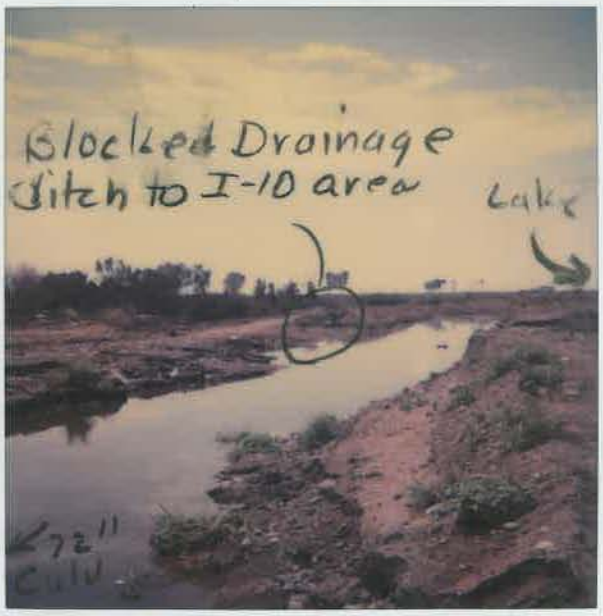
48TH STREET
EROSION
7/30/81 ADM JMP

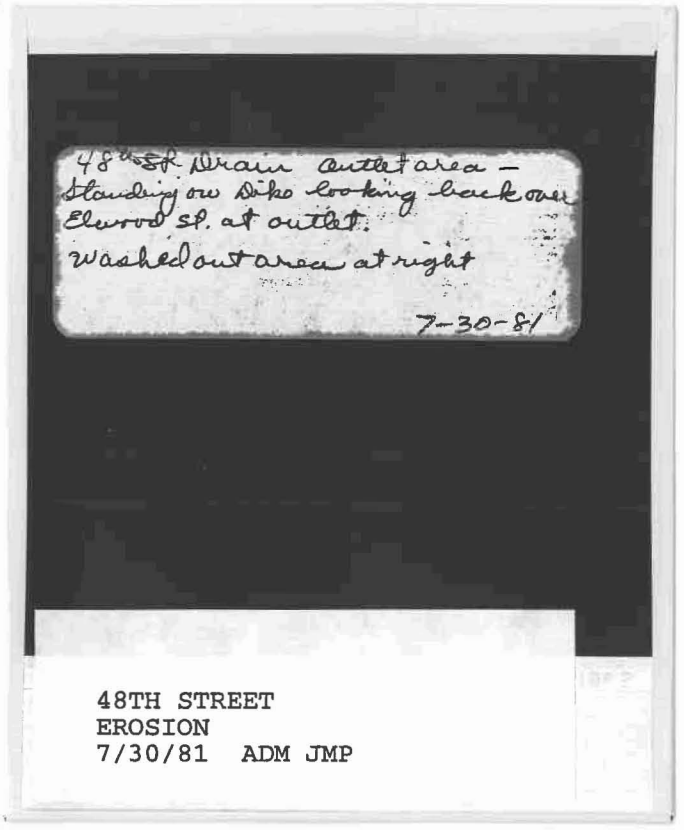


48TH STREET
CONSTRUCTION
1/2/81 ADM JMP

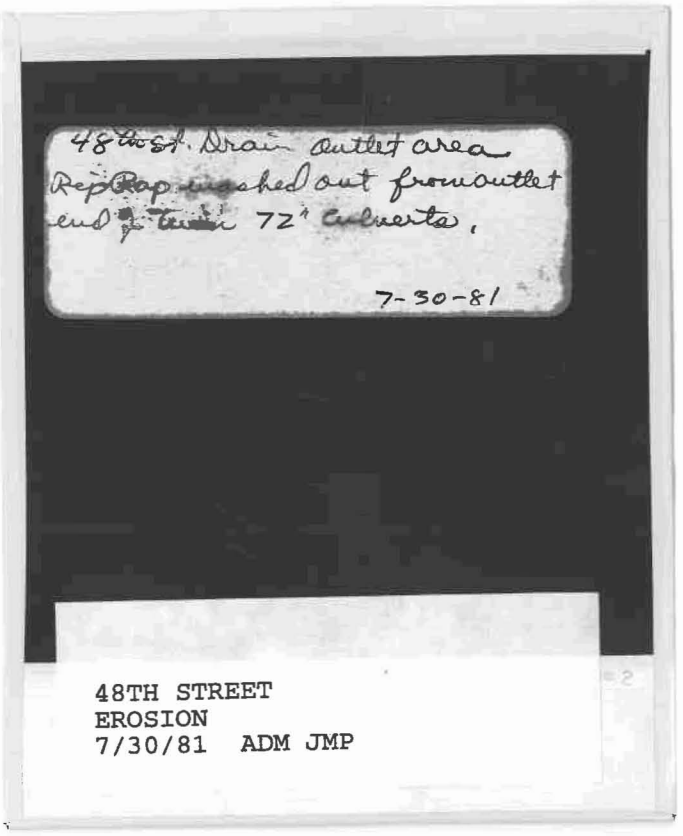


48TH STREET
EROSION
7/30/81 ADM JMP

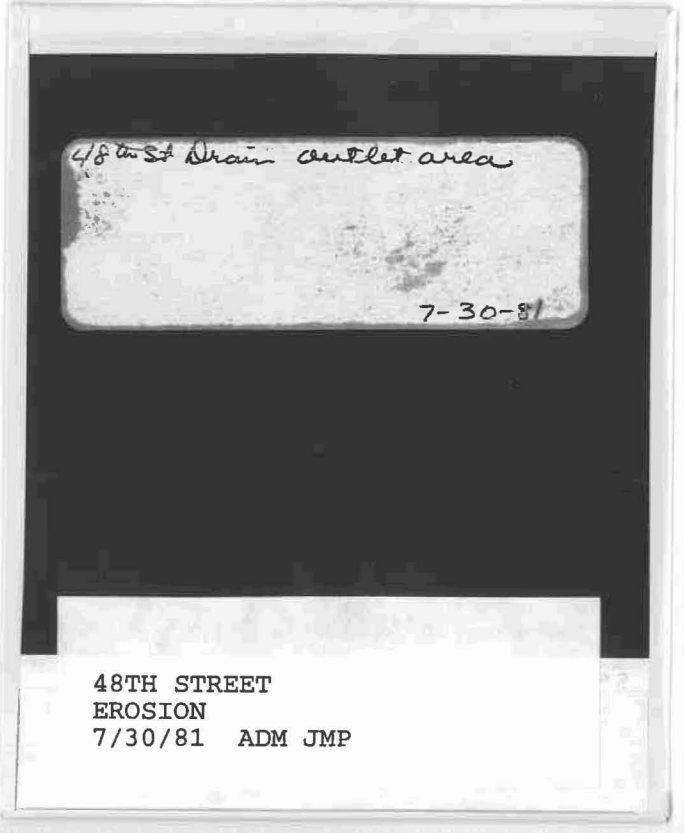

Blocked Drainage
Ditch to I-10 area
Lake
72"
Culv



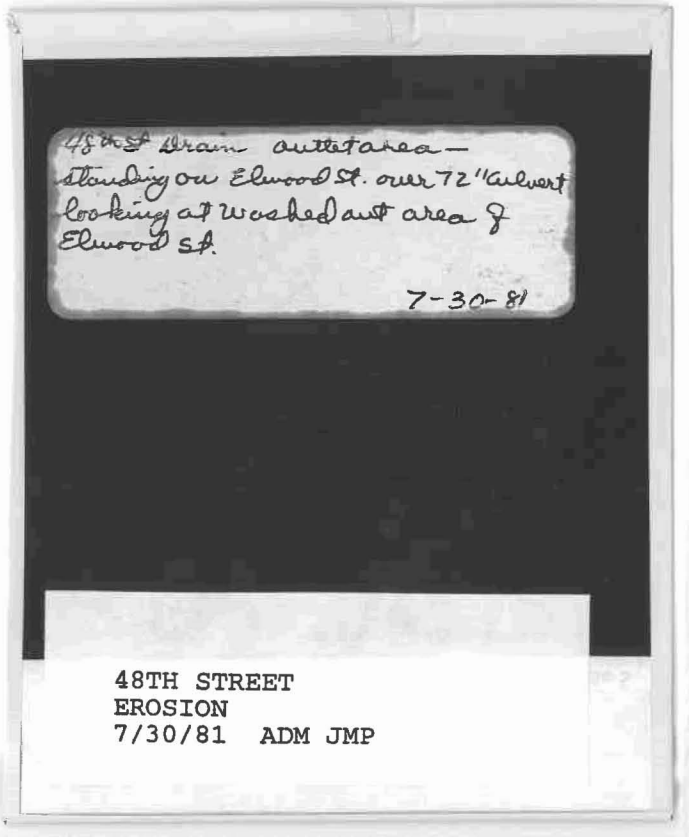
48TH STREET
EROSION
7/30/81 ADM JMP



48TH STREET
EROSION
7/30/81 ADM JMP



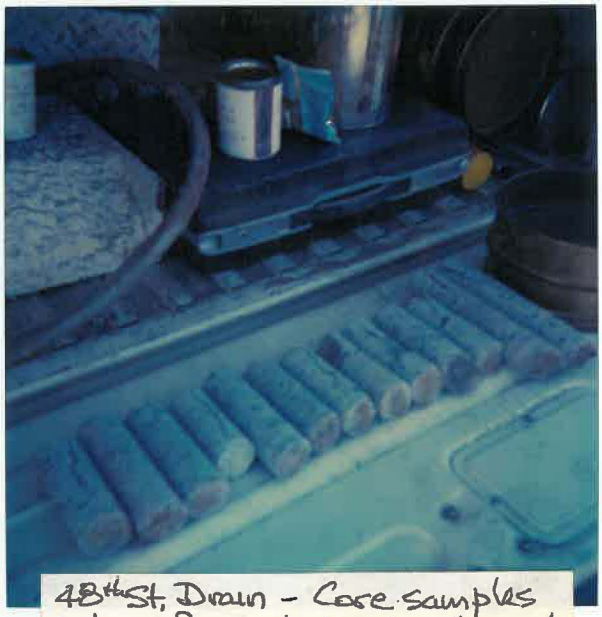
48TH STREET
EROSION
7/30/81 ADM JMP



48TH STREET
EROSION
7/30/81 ADM JMP

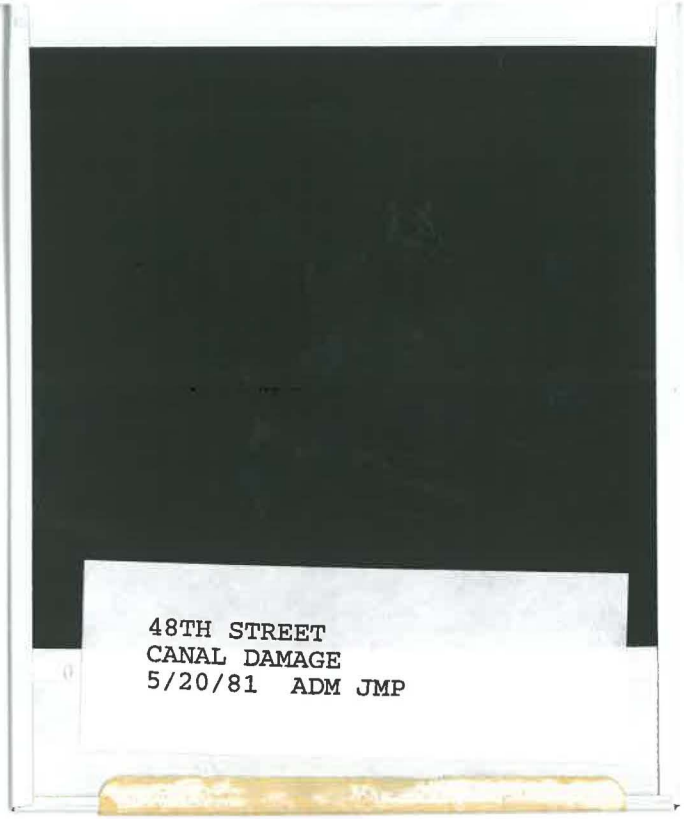
48th St. Drain 5-20-81
Cracks chipped on South Slope of Panel # 11

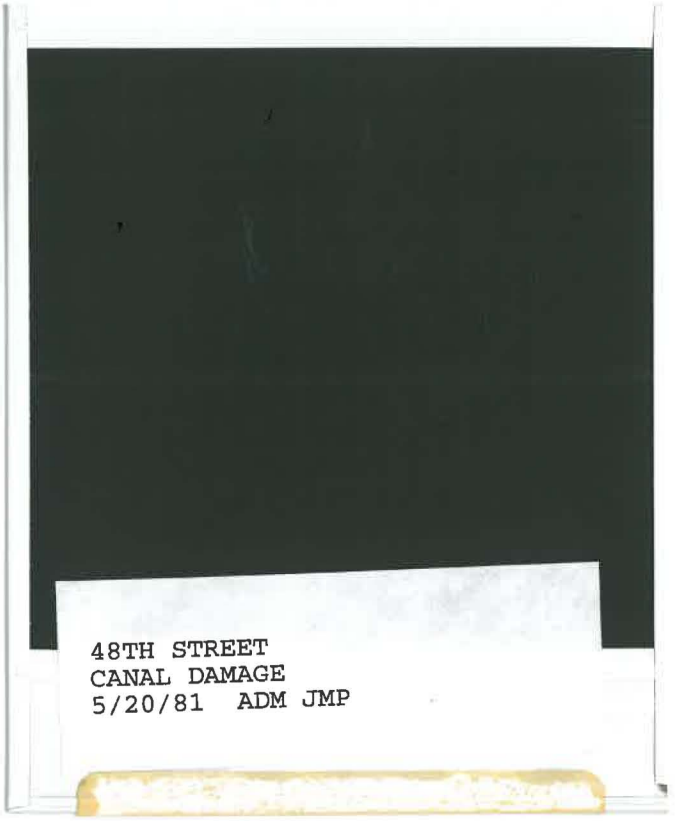
48th St. Drain 5-20-81
Nesbitt has chipped Loose the Bottom section of Panel #6. These slabs to be lifted out for steel location analysis.

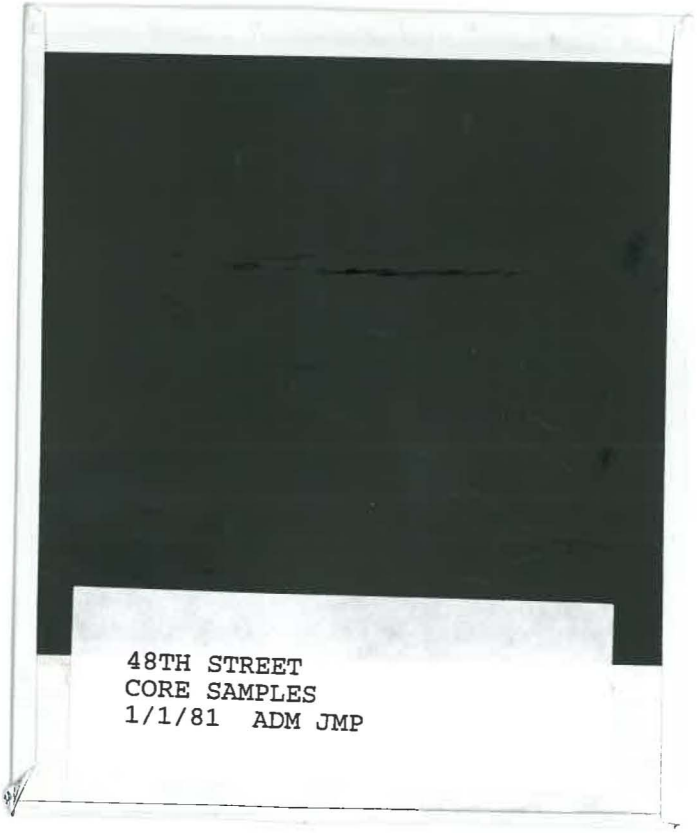


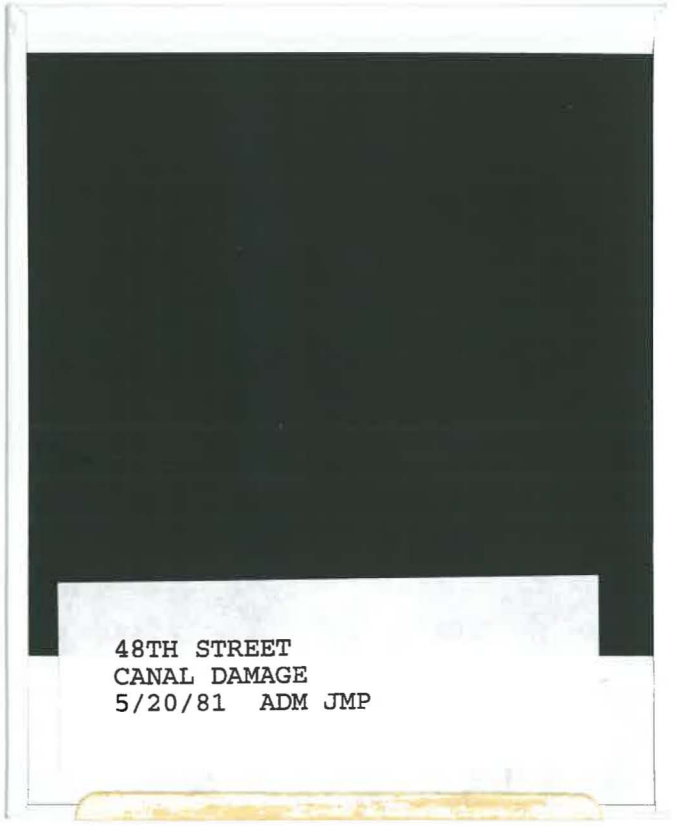
48th St. Drain - Core samples taken from shotcrete channel lining. Nesbit Const Co. 81.
SP&A Consult. Engr

48th St. Drain 5-20-81
Cracks chipped on North slope of Panel #9. Void area uncovered in the process.


48TH STREET
CANAL DAMAGE
5/20/81 ADM JMP


48TH STREET
CANAL DAMAGE
5/20/81 ADM JMP


48TH STREET
CORE SAMPLES
1/1/81 ADM JMP


48TH STREET
CANAL DAMAGE
5/20/81 ADM JMP

Alma School Drain 1976

ALMA SCHOOL DRAIN 1976

STANDING 800' NORTH OF THE ALMA SCHOOL DRAIN, STANDING ON THE NORTH SIDE OF THE STEWART JOHNSON BARROW PIT APPROXIMATELY 350 FEET OF BANK EXISTS TO THE DRAIN, THIS IS REAL [illegible] FENCE

ALMA SCHOOL DRAIN
LOCATION VIEW
1/1/76 ADM JMP 102

ALMA SCHOOL DRAIN
5/10/76

PHOTO SHOWS EXPOSED RAILS THAT THE TOP END WERE REMOVED & STOLEN LAST YEAR, THE RELEASE OF [illegible] EXPOSED [illegible] THE [illegible]

ALMA SCHOOL DRAIN
VANDALISM
5/10/76 ADM JMP 102

Alma School Drain 1977

6/##/77

ALMA SCHOOL DRAIN, NORTH BANK JUST WEST OF ALMA SCHOOL ROAD BP

ALMA SCHOOL DRAIN
LANDSCAPE
6/1/77 ADM JMP

ALMA SCHOOL DRAIN #1 6/1977

STANDING NEAR THE END OF THE CONCRETE LINED SECTION OF THE FLOODWAY, ON THE NORTH BANK; NOTE THE ABUNDANCE OF TUMBLEWEEDS THAT HAVE BLOWN INTO THE UNLINED SECTION.

A707101 P

ALMA SCHOOL DRAIN
LANDSCAPE
6/1/77 ADM JMP

BP

ALMA SCHOOL DRAIN #2 6/1977

STANDING JUST SOUTH OF THE ABOVE LOCATION, NOTE THE WIND ROW OF BOULDERS BLOCKING OFF THE ACCESS RAMP FOR ACCESS AROUND THE NORTH END AND SIDE OF THE DRAIN

A707101 P

ALMA SCHOOL DRAIN
CONSTRUCTION
6/1/77 ADM JMP

BP

Alma School Drain 1979

4-26-79

Alma school drain repair

Standing on the west bank of the drain at the end of the concrete lined section, the dozer is filling the large void where water spills off in

ALMA SCHOOL DRAIN
CONSTRUCTION
4/26/79 ADM JMP

8-22-79

Alma school Drain, Damage To N. Bank below second drop

B 9032 41

ALMA SCHOOL DRAIN
EROSION
8/22/79 ADM JMP

Alma school Drain 8-21-79

C 9136 31

ALMA SCHOOL DRAIN
CANAL DAMAGE
8/21/79 ADM JMP

Alma school Drain 8-21-79

C 9136 31

ALMA SCHOOL DRAIN
CANAL DAMAGE
8/21/79 ADM JMP

8-21-79

Alma School Drain 8-21-79

c 9 1 3 6 3 1

ALMA SCHOOL DRAIN
CANAL DAMAGE
8/21/79 ADM JMP

Alma School Drain 8-23-79

c 9 1 3 6 3 1

ALMA SCHOOL DRAIN
LOCATION VIEW
8/23/79 ADM JMP 102

Alma School Drain Erosion & Maintenance 1980

Stripped car in Alma School Drain at Salt R. Mar 17, 80. Reported to Police.

ALMA SCHOOL DRAIN
VANADLISM
3/17/80 ADM JMP 102

A 012061

Alma School Drain 3-7-80
Views of drop structure at end of concrete lining as seen from downstream to upstream.

ALMA SCHOOL DRAIN
LOCATION VIEW
3/7/80 ADM JMP 102

Alma School Drain At Basket Area Erosion on Bank and Heavy Silting

3-6-80

ALMA SCHOOL DRAIN
LANDSCAPE
3/6/80 ADM JMP

Alma School Drain North Bank Erosion & Silting Low Flow Area

3-6-80

ALMA SCHOOL DRAIN
LANDSCAPE
3/6/80 ADM JMP

(3)

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

Alma School Drain Undercutting At Basket's

ALMA SCHOOL DRAIN
LANDSCAPE
3/6/80 ADM JMP

5

Alma School Drain
Outlet Mar 80
Looking N 4

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

2
4-Wheeler

Alma School Drain
Outlet Mar 80
Looking N 1

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

4

Alma School Drain
Outlet Mar 80
Looking N 3

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

Alma School - West
Bank Looking East
Mar 1980

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

Aima School Drain
Looking E
Mar 80

Aima School Looking
SE - severe erosion
MAR 1980

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

Alma School, South of Concrete Section Erosion Some Damage to Baskets. 3-6-80

ALMA SCHOOL DRAIN
LANDSCAPE
3/6/80 ADM JMP

Alma School Drain end of Concrete at Baskets Erosion & Heavy Silting 3-6-80

ALMA SCHOOL DRAIN
LANDSCAPE
3/6/80 ADM JMP

Alma School Drain
Silting, Ponding, Large
Erosion North Bank.

3-6-80

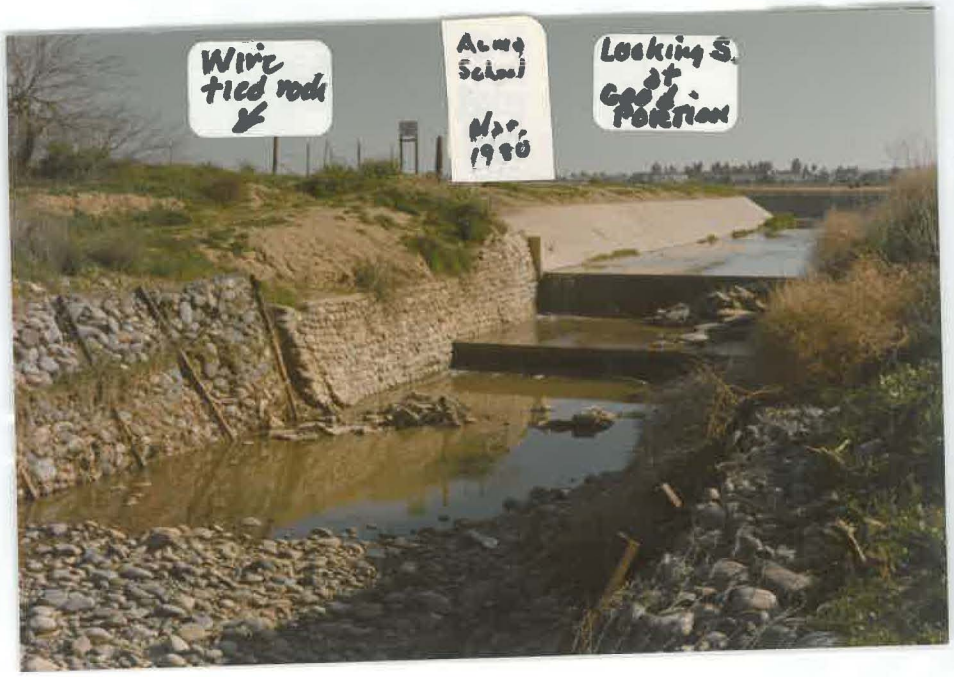
ALMA SCHOOL DRAIN
LANDSCAPE
3/6/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

Wire tied rock
Acme School
Mar. 1980
Looking S. at east portion


Wire tied rock
Acme School
Mar. 1980
Looking S. at Good Portion

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

Better part of wire &
rocks.
Alma School Looking S.
NO FEMA Support

Alma School Looking
Good wire work on left.
"Permanent Work on Rt.
East — Good Part. Mar 80

Alma School
Good Part Mar 80

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

@
4-Wheeler

ALMA SCHOOL DRAIN
LANDSCAPE
3/1/80 ADM JMP

Alama School Drain
Outlet Mar 80
Look NE from west bank