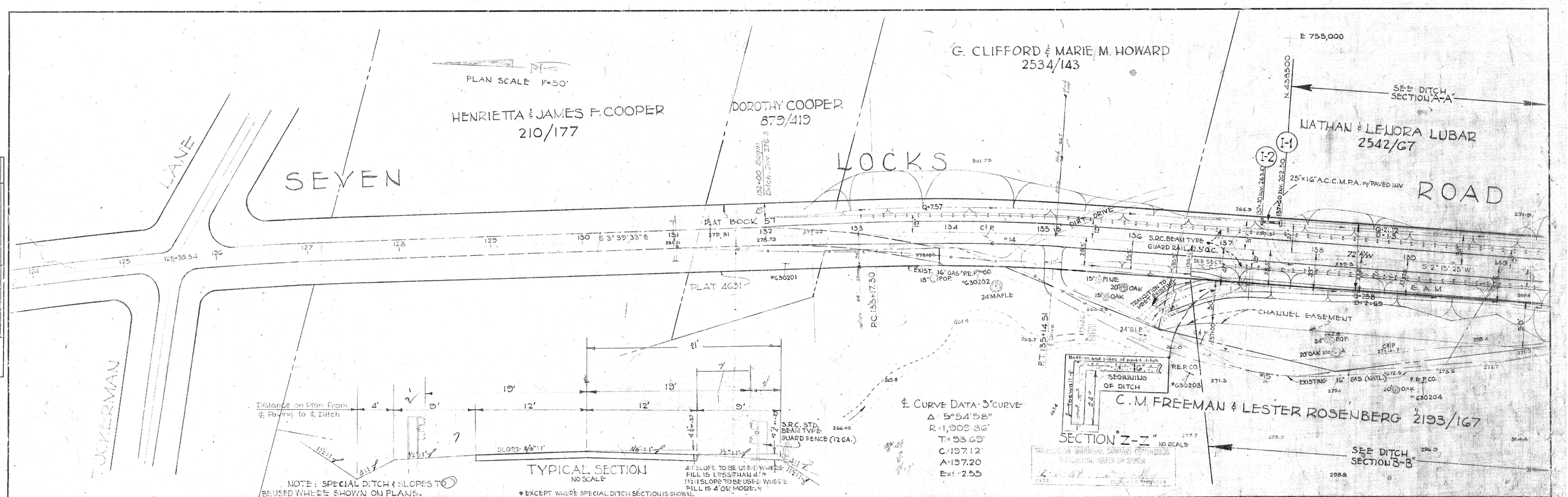
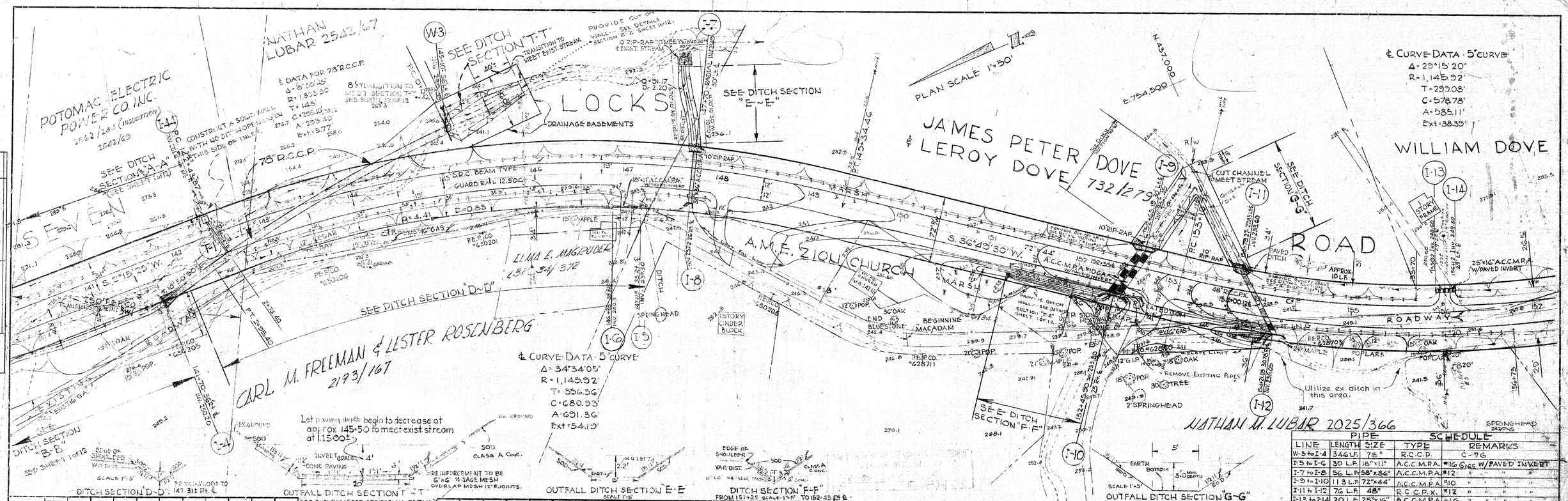

PLAN SCALE 1"=50'
HENRIETTA & JAMES F. COOPER
210/177
DOROTHY COOPER
879/419
G. CLIFFORD & MARIE M. HOWARD
2534/143
NATHAN & LENORA LUBAR
2542/G7
C. M. FREEMAN & LESTER ROSENBERG 2193/167
SEVEN LOCKS ROAD
TUCKERMAN LANE
PLAT BOOK 51
PLAT 4631
DIRT DRIVE
CHANNEL EASEMENT
SEE DITCH SECTION "A-A"
SEE DITCH SECTION "B-B"
25"x16" A.C.C.M.P.A. w/PAVED INV.
S.R.C. BEAM TYPE GUARD RAIL
EXIST. 16" GAS (NAT'L) P.E.P.CO.
BEGINNING OF DITCH
TYPICAL SECTION
NO SCALE
NOTE: SPECIAL DITCH & SLOPES TO BE USED WHERE SHOWN ON PLANS.
* EXCEPT WHERE SPECIAL DITCH SECTION IS SHOWN.
4:1 SLOPE TO BE USED WHERE FILL IS LESS THAN 4'*
1½:1 SLOPE TO BE USED WHERE FILL IS 4' OR MORE.*
℄ CURVE DATA - 3° CURVE
Δ = 5°54'58"
R = 1,900.86'
T = 98.60'
C = 197.12'
A = 197.20
Ext. = 2.55
SECTION "Z-Z" NO SCALE
TYPICAL CONSTRUCTION JOINT TO BE PLACED AS DIRECTED BY ENGINEER IN FIELD
CLASS A CONC.
DITCH SECTION "B-B"
FROM 137+30± TO 140+50± (RT. ℄)
NO SCALE
DITCH SECTION "A-A"
FROM 137+60 TO 143+00± (LT. ℄)
NO SCALE
DITCH SECTION "C-C"
FROM 139+65 TO NEW PAVED CHANNEL (RT. ℄)
NO SCALE
MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED May 5, 1959
FOR STREET GRADE ONLY
5662
LEGEND
EXIST. ℄
RIGHT
LEFT
PROPOSED ℄
PROFILE SCALE
1"=50' HORIZONTAL
1"=5' VERTICAL
APPROVED PROFILE #5662
S.D. #D-24, 60112K
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED JUNE 19, 1960
GRADE ONLY
APRIL 30, 59
* Subject to R/W & Easements.
1/15/59
Grade only
PIPE SCHEDULE
LINE | LENGTH | SIZE | TYPE | REMARKS
I-1 to I-2 | 20' | 25"x16" | A.C.C.M.P.A. | 16 GAGE w/PAVED INVERT
STRUCTURE SCHEDULE
No. | TYPE | Top Elev. | Inv. Elev. | REMARKS
I-1 | STD. "C" EDW. | 264.60 | 262.50 | PAGE 18 S.R.C. STDS.
I-2 | " " " | 265.25 | 263.10 | " " " "
DES. J.A.M.
DR. W.T.E.
MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.
PLAN & PROFILE
SEVEN LOCKS ROAD
FROM TUCKERMAN LA. TO BRADLEY BLVD.
SCALE AS NOTED
APPROVED:
PROJ. 91-C
1 of 12
CE487-507-1
SD FILE NO. 513



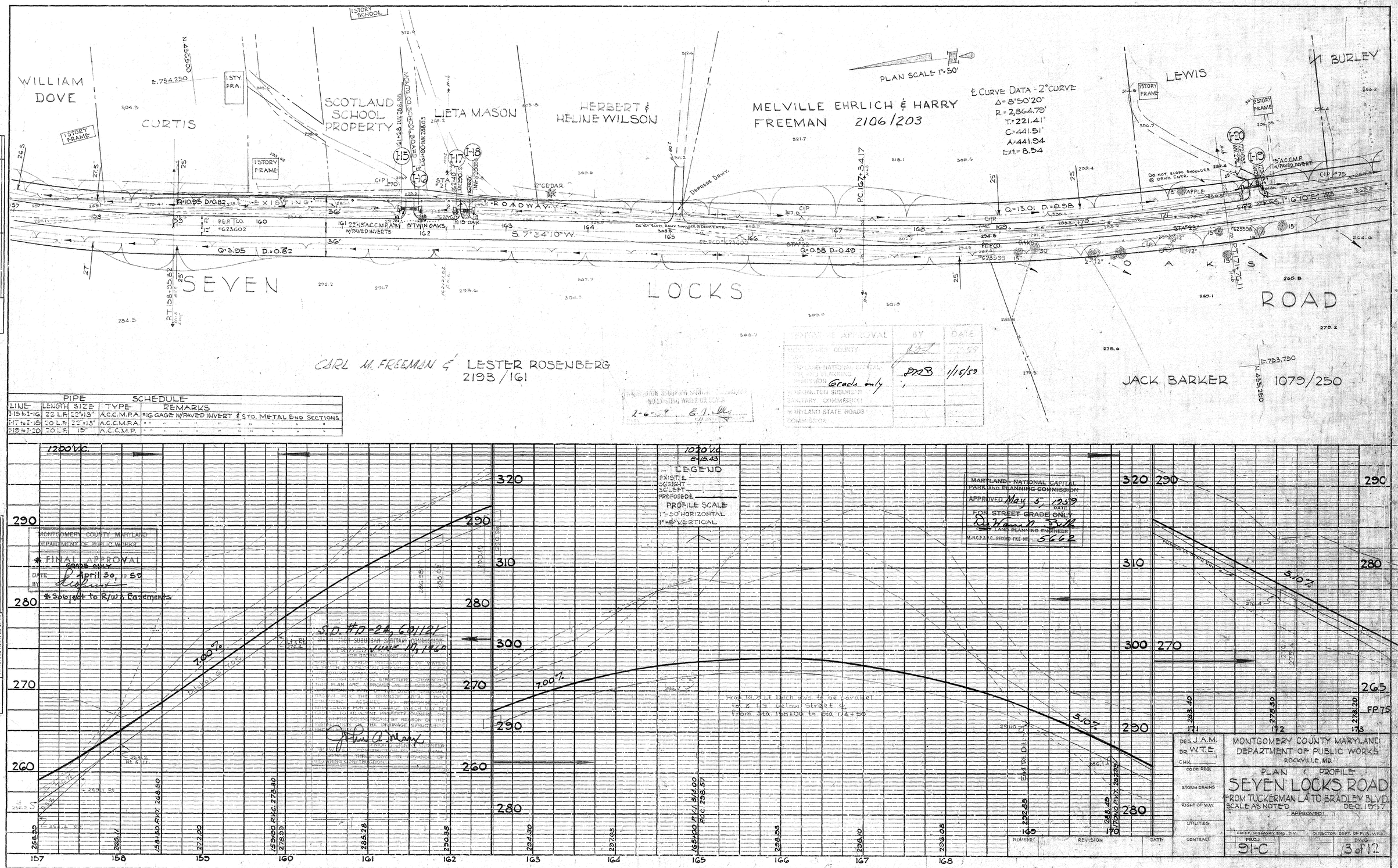
PIPE SCHEDULE				
LINE	LENGTH	SIZE	TYPE	REMARKS
W-3 to I-4	346 L.F.	78"	R.C.C.P.	C-76
I-5 to I-6	30 L.F.	18"x11"	A.C.C.M.P.A.	#16 CASE W/PAVED INVERT
I-7 to I-8	56 L.F.	58"x36"	A.C.C.M.P.A.	#12 " " "
I-9 to I-10	113 L.F.	72"x44"	A.C.C.M.P.A.	#10 " " "
I-11 to I-12	76 L.F.	48"	R.C.C.P.X.	#12 " " "
I-13 to I-14	20 L.F.	25"x16"	A.C.C.M.P.A.	#16 " " "
T-1 to I-44	49 L.F.	24"	R.C.C.P.	C-76

STRUCTURE SCHEDULE				
№	TYPE	Top. Elev.	Inv. Elev.	REMARKS
W-3	SPECIAL	247.48	239.35	SEE DETAILS-SHEET 1 OF 12
I-4	SPECIAL	258.50	250.20	" " " " " "
I-7	STD "G" EDWL	235.00	234.90	PAGE 25-S.R.C. STDS.
I-8	STD "H" "	241.60	237.20	" 21-A " " (ARCH. PIPE)
I-9	MOD "F" "	237.20	232.45	PAGE 23- " " CASE #3
I-10	SPECIAL	239.05	233.80	SEE DETAILS-SHEET 9 OF 12
I-11	MOD "F" EDWL	238.70	233.60	PA 23 S.R.C. STDS. CASE #3
I-12	MOD "F" "	240.90	235.05	" 23 " " " #3
I-44	MOD "J" INLET	255.60	251.60	SEE NOTE, SHEET 11 OF 12
T-1	STD. W.S.S.C. FIELD CONNECTION			

NUMBER	REVISION	DATE
153		
154		

CE487-507-2

SD FILE NO. 513



PIPE SCHEDULE				
LINE	LENGTH	SIZE	TYPE	REMARKS
I-15 to I-16	22 L.F.	22"x13"	A.C.C.M.P.A.	#16 GAGE W/PAVED INVERT & STD. METAL END SECTIONS
I-17 to I-18	20 L.F.	22"x13"	A.C.C.M.P.A.	" " " " " " " " " "
I-19 to I-20	20 L.F.	15"	A.C.C.M.P.	" " " " " " " " " "

Printed in U.S.A.
On DIETZGEN DRAFTEX MOISTURE PROOF Cloth

PLATE 1 PLAN - PROFILE 8 P R STANDARD
EUGENE DIETZGEN CO., CHICAGO - NEW YORK

CE 487-507-3

SD FILE NO. 513

STRUCTURE SCHEDULE

No	TYPE	Top Elev.	Inv. Elev.	REMARKS
W-1	CUT-OFF WALL	213.92	209.50	W.S.S.C. STD. CUT-OFF WALL
I-25	SPECIAL	222.77	214.48	SEE SHEET #10 OF #12
I-26	B-54 Headwall	223.10	217.60	PAGE 16 S.R.C. STANDARDS

PIPE SCHEDULE

LINE	LENGTH	SIZE	TYPE	REMARKS
I-21 to I-22	20 L.F.	29"x18"	A.C.C.M.P.A.	#14 GAGE W/ PAVED INVERT & STD. METAL END SECT.
I-23 to I-24	22 L.F.	50"x31"	A.C.C.M.P.A.	#12 " " "
W-1 to I-25	208 L.F.	48"	R.C.C.P.	
I-25 to I-26	74 L.F.	54"	R.C.C.P.	

DES. J.A.M.
DR. W.T.E.
CHK.

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

PLAN & PROFILE
SEVEN LOCKS ROAD
FROM TUCKERMAN LA. TO BRADLEY BLVD.
SCALE AS NOTED DEC. 1957

APPROVED:
CHIEF HIGHWAY ENG. DIV. DIRECTOR, DEPT. OF PUB. WKS.

CODE REQ. | STORM DRAINS | RIGHT OF WAY | UTILITIES | CONTRACT

NUMBER | REVISION | DATE

PROJ. 91-C
DWG. 4 of 12

Printed in U.S.A. On DIETZGEN DRAFTEX MOISTURE PROOF Cloth

CE487-507-4

SD FILE NO. 513

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.		5	12

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
* FINAL APPROVAL
GRADE ONLY
DATE April 30, 1959
BY

* Subject to R/W & Easements

IMPORTANT NOTE:
THE PLAN AND PROFILE ON THIS SHEET FROM STA. 190+00 TO THE PROPOSED BRIDGE IS ULTIMATE GRADE. FOR TEMPORARY LINE & GRADE TRANSITION ON THIS SECTION OF THE PLAN & PROFILE, SEE SHEET # OF OF FAP #

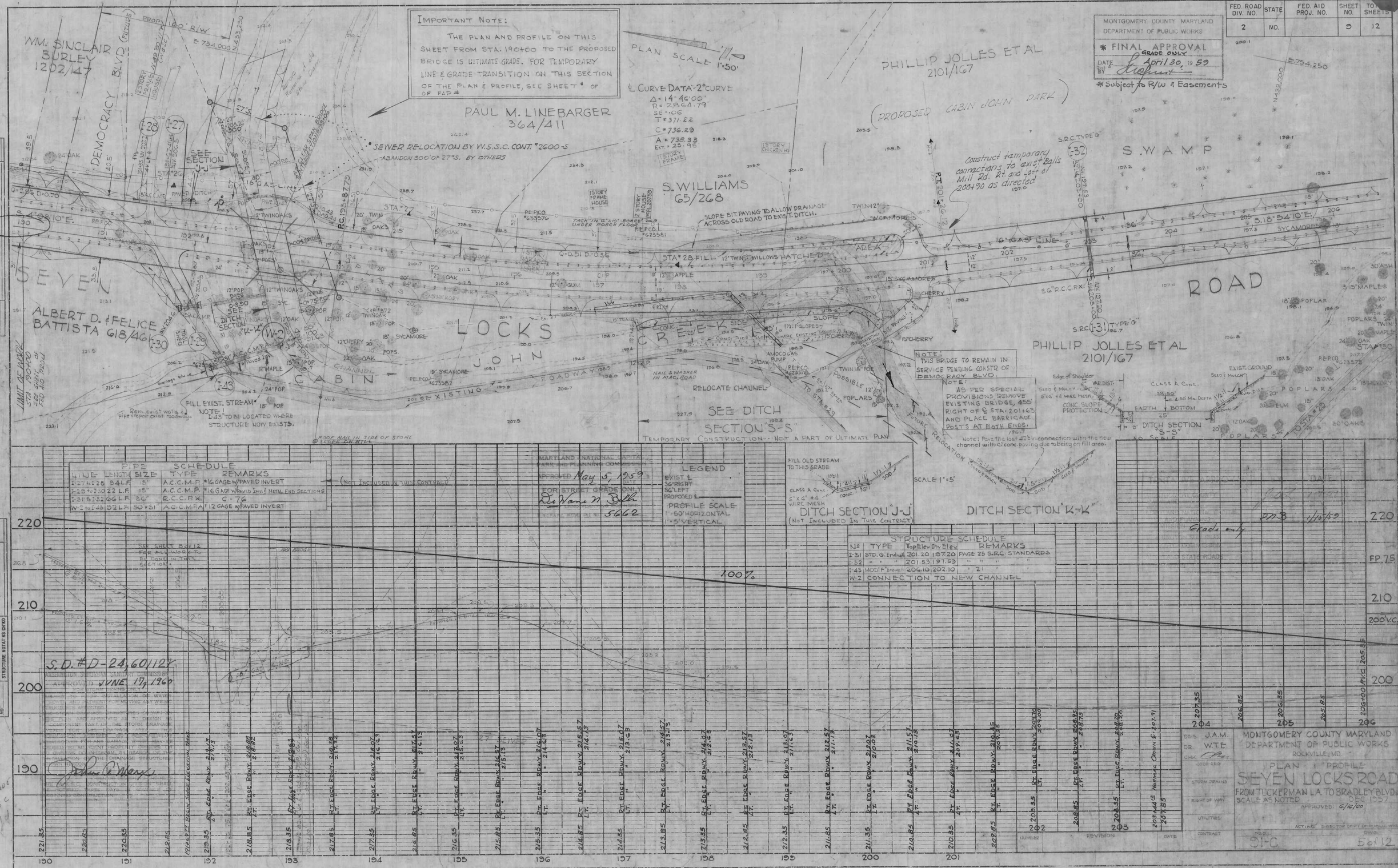


PLATE 1 PLAN-PROFILE D.P.R. STANDARD
EUGENE DIETZGEN CO. CHICAGO-NEW YORK
Printed in U.S.A.
On DIETZGEN DRAFTEX MOISTURE PROOF Cloth

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.		5	12

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
* FINAL APPROVAL GRADE ONLY
DATE April 30, 1959
BY
* Subject to R/W & Easements

IMPORTANT NOTE:
THE PLAN AND PROFILE ON THIS SHEET FROM STA. 190+00 TO THE PROPOSED BRIDGE IS ULTIMATE GRADE. FOR TEMPORARY LINE & GRADE TRANSITION ON THIS SECTION OF THE PLAN & PROFILE, SEE SHEET # OF OF FAP #

PLAN SCALE 1"=50'

℄ CURVE DATA - 2° CURVE
Δ = 14° 46' 00"
R = 2,864.79'
S.E. = .06
T = 371.22
C = 736.29
A = 738.38
EXT. = 25.95'

WM. SINCLAIR BURLEY 1202/147
DEMOCRACY BLVD. (Future)
PROP. 120' R/W
E 754,000
N 432,250
PAUL M. LINEBARGER 364/411
S. WILLIAMS 65/268
PHILLIP JOLLES ET AL 2101/167
(PROPOSED CABIN JOHN PARK)
E 754,250
N 432,000
S. WAMP
ROAD
SEVEN LOCKS ROAD
ALBERT D. & FELICE BATTISTA 618/461
CABIN JOHN CREEK
LIMIT OF WORK WITH BRIDGE FED AID PROJ.

* SEWER RELOCATION BY W.S.S.C. CONT. #2600-S
ABANDON 300' OF 27"S. BY OTHERS

SEE SECTION J-J
SEE DITCH SECTION K-K
SEE DITCH SECTION "S-S"
TEMPORARY CONSTRUCTION - NOT A PART OF ULTIMATE PLAN

Construct temporary connections to exist. Balls Mill Rd. Rt. and Left of 200+90 as directed

SLOPE BIT. PAVING TO ALLOW DRAINAGE ACROSS OLD ROAD TO EXIST. DITCH.

STA. 28 FILL 12" TWIN WILLOWS HATCHED AREA

NOTE: THIS BRIDGE TO REMAIN IN SERVICE PENDING CONSTR OF DEMOCRACY BLVD.

NOTE: AS PER SPECIAL PROVISIONS, REMOVE EXISTING BRIDGE, 455 RIGHT OF ℄ STA. 201+63 AND PLACE BARRICADE POSTS AT BOTH ENDS. 196-7

NOTE 1 I-43 TO BE LOCATED WHERE STRUCTURE NOW EXISTS.

FILL EXIST. STREAM

RELOCATE CHANNEL

POSSIBLE FUTURE RELOCATION TO STA. #29

ROOF NAIL IN SIDE OF STONE @ SLOPE ON HILL

Rem. exist walls & pipe repair exist. roadway

Note 1 Pave the last 42'± in connection with the new channel with 6" conc. paving due to being on fill area.

PIPE SCHEDULE				
LINE	LENGTH	SIZE	TYPE	REMARKS
I-27 to I-28	34 L.F.	15"	A.C.M.P.	#16 GAGE W/PAVED INVERT
I-29 to I-30	22 L.F.	15"	A.C.M.P.	#16 GAGE W/PAVED INV. & METAL END SECTIONS
I-31 to I-32	66 L.F.	36"	R.C.C.P.X.	C-76
W-2 to I-43	92 L.F.	50"x31"	A.C.M.P.A.	#12 GAGE W/PAVED INVERT

(NOT INCLUDED IN THIS CONTRACT)

MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED May 5, 1959 DATE
FOR STREET GRADE ONLY
LAND PLANNING ENGINEER
REGISTRATION NO. 5662

LEGEND
EXIST. ℄
36' RIGHT
36' LEFT
PROPOSED ℄
PROFILE SCALE
1" = 50' HORIZONTAL
1" = 5' VERTICAL

FILL OLD STREAM TO THIS GRADE

DITCH SECTION "J-J"
(NOT INCLUDED IN THIS CONTRACT)

DITCH SECTION "K-K"

DITCH SECTION "S-S"
NO SCALE

SCALE 1" = 5'

STRUCTURE SCHEDULE				
№	TYPE	Top Elev.	Inv. Elev.	REMARKS
I-31	STD. G. Endwall	201.20	197.20	PAGE 25 S.R.C. STANDARDS
I-32	" " "	201.53	197.53	" " " "
I-43	MOD. F. Endwall	206.10	202.10	" 21 " "
W-2	CONNECTION TO NEW CHANNEL			

S.D. #D-24,60/12X
JUNE 17, 1960

Grade only

DES. J.A.M.
DR. W.T.E.
CHK.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.
PLAN & PROFILE
SEVEN LOCKS ROAD
FROM TUCKERMAN L.A. TO BRADLEY BLVD.
SCALE AS NOTED DEC. 1957
APPROVED: 6/16/60
ACTING DIRECTOR DEPT. OF PUBLIC WKS.
PROJ. 51-C
DWG. 5 of 12

NUMBER	REVISION	DATE
202	Pt. Edge Pavm't 208.85 Lt. " " 208.00	
203	Pt. Edge Pavm't 208.85 Rt. " " 208.85	
204	Pt. Edge Pavm't 208.85 Rt. " " 208.85	
205	Pt. Edge Pavm't 208.85 Rt. " " 208.85	
206	Pt. Edge Pavm't 208.85 Rt. " " 208.85	

Printed in U.S.A.
On DIETZGEN DRAFTEX MOISTURE PROOF Cloth

PLATE 1 PLAN-PROFILE 3 P.R. STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

CE 487-507-5

SD FILE NO. 513

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.		10	12

PLAN SCALE 1"=50'

PROVIDE RIP-RAP CUT-OFF WALL SEE SECTION "Z-Z" ON SHEET 8 of 12 FOR ADDITIONAL DETAILS.

SEE DITCH SECTION "M-M"

PHILLIP JOLLES ET AL 2101/167

CHARLES E. JACKSON 1088/70

M.C. JAMES 736/336

JACK PAPPADEAS 1035/46

JOHN D. & CHRISTINE COKINOS 1029/404

CONSTRUCT CUT-OFF WALL SEE SECTION "Z-Z" SHEET 1 of 12 FOR ADDITIONAL DETAILS.

SEE DITCH SECTION "O-O"

SEE DITCH SECTION "Q-Q"

SEE DITCH SECTION "L-L"

SEE DITCH SECTION "N-N"

SEE DITCH SECTION "P-P"

PHILLIP JOLLES ET AL 2101/167

ANN E. ARTHUR 2354/72

THOMAS E. BARTON & LOUIS G. CHACOS 2409/179

ADAMS PROPS. INC 2434/577

MARSH SEVEN LOCKS ROAD

GREENTREE ROAD

℄ CURVE DATA - 2° CURVE

Δ = 15°11'35"
R = 2864.79'
S.E. = .06
T = 382.07'
C = 757.43'
A = 759.65'
Ext. = 25.37'

DITCH SECTION "X-X" (PROFILE ON SHEET 12 of 12)

DITCH SECTION "L-L" 1"=5'

DITCH SECTION "M-M"

DITCH SECTION "N-N"

DITCH SECTION "O-O"

DITCH SECTION "P-P"

DITCH SECTION "Q-Q"

PIPE SCHEDULE				
LINE	LENGTH	SIZE	TYPE	REMARKS
I-33 to I-34	228 L.F.	72"x44"	A.C.C.M.P.A.	10 GAGE w/PAVED INVERT
I-35 to I-36	58 L.F.	43"x27"	A.C.C.M.P.A.	#12 " " " "
I-37 to I-38	68 L.F.	36"	R.C.C.P.X.	C-76

NOTE: SEE SHEET 1 of 12 FOR DETAIL OF TOE WALL TO BE PROVIDED AT BOTH ENDS OF ALL CONC. DITCHES.

LEGEND
EXIST. ℄
BC RIGHT
BC LEFT
PROPOSED ℄

PROFILE SCALE
1" = 50' HORIZONTAL
1" = 5' VERTICAL

STRUCTURE SCHEDULE				
NO.	TYPE	Top Elev.	Inv. Elev.	REMARKS
I-33	SPECIAL	202.15	197.40	SEE DETAILS SHEET 12 OF 12
I-34		203.85	198.10	" " " 12 " 12
I-35	STD. F. ENDWALL	233.65	230.40	PAGE #21 S.R.C. STANDARDS
I-36	" " "	234.35	231.10	" " "
I-37	" " "	231.10	227.10	" " "
I-38	" " "	232.35	228.35	" " "

S.D. #D-24, 60/121
JUNE 14, 1960

MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
FINAL APPROVAL
Grade only
May 30 1957
Subject to R/W & Easements

MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED May 5, 1959
FOR STREET GRADE ONLY
Wm. N. Bell
CHAIRMAN
3-662

Grade only
P223 1/15/59

DES. J.A.M.	MONTGOMERY COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS ROCKVILLE, MD.
DR. W.T.E.	PLAN & PROFILE
CHK.	SEVEN LOCKS ROAD
CODE REQ.	FROM TUCKERMAN LA. TO BRADLEY BLVD.
STORM DRAINS	SCALE AS NOTED DEC. 1957
RIGHT OF WAY	APPROVED 6/16/60
UTILITIES	ACTING DIRECTOR DEPT. OF PUBLIC WORKS
CONTRACT	FROM 91-C TO 6 of 12

NUMBER | REVISION | DATE

PLATE 1 PLAN - PROFILE & P.R. STANDARD
EUGENE DIETZGEN CO. CHICAGO, NEW YORK

Printed in U.S.A. Or DIETZGEN DRAFTEX MOISTURE PROOF Cloth

CE 487-507-6

SD FILE NO. 513

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.		10	12

PROVIDE RIP-RAP CUT-OFF WALL SEE SECTION "Z-Z" ON SHEET 8 OF 12 FOR ADDITIONAL DETAILS.

PLAN SCALE 1"=50'

SEE DITCH SECTION "M-M"

PHILLIP JOLLES ET AL 2101/167

CHARLES E. JACKSON 1088/70

M.C. JAMES 736/336

JACK PAPPADEAS 1035/46

JOHN D. & CHRISTINE COKINOS 1029/404

GREENTREE ROAD

SOUTH ROAD

SEE DITCH SECTION "O-O"

SEE DITCH SECTION "Q-Q"

SEE DITCH SECTION "L-L"

SEE DITCH SECTION "N-N"

SEE DITCH SECTION "P-P"

PHILLIP JOLLES ET AL 2101/167

ANN E. ARTHUR 2354/72

THOMAS E. BARTON & LOUIS G. CHACOS 2409/179

ADAMS PROPS. INC 2434/577

MARSH

SEVEN LOCKS ROAD

CONSTRUCT CUT-OFF WALL SEE SECTION "Z-Z" SHEET 1 OF 12 FOR ADDITIONAL DETAILS.

CUT NEW CHANNEL

15' RIP-RAP STREAM

DRAINAGE R/W

SEE SHEET #12 OF #12 FOR ADDITIONAL RIP-RAP DETAILS.

FILL EXIST. STREAM

LIMIT OF CONSTRUCTION

Transition to meet existing roadway

S 18°54'10"E

S 3°42'35"E

Q=45.79 D=2.15

Q=62.33 D=1.45

Q=55.37 D=1.80

Q=44.93 D=1.32

STA 30

STA 31

STA 32

STA 33

℄ CURVE DATA - 2° CURVE

Δ=15°11'35"
R=2864.79'
S.E.=.06
T=382.07'
C=757.43'
A.=759.65'
Ext.=25.37'

DITCH SECTION "X-X" (PROFILE ON SHEET 12 OF 12)

DITCH SECTION "L-L" 1"=5'

DITCH SECTION "M-M"

DITCH SECTION "N-N"

DITCH SECTION "O-O" 1"=5'

DITCH SECTION "P-P"

DITCH SECTION "Q-Q"

NOTE! EXISTING GROUND PROVIDES FREEBOARD

CLASS A CONC.

6"x6" #4 WIRE MESH

EDGE OF SHOULDER

SEED & MULCH

14' EARTH BOTTOM

2.00' MIN. DEPTH

PIPE SCHEDULE

LINE	LENGTH	SIZE	TYPE	REMARKS
I-33 to I-34	228 L.F.	72"x44"	A.C.M.P.A	NO GAGE W/PAVED INVERT
I-35 to I-36	58 L.F.	43"x27"	A.C.M.P.A.	" " " "
I-37 to I-38	68 L.F.	30"	R.C.C.P.	C-76

NOTE: SEE SHEET 1 OF 2 FOR DETAIL OF TOE WALL TO BE PROVIDED AT BOTH ENDS OF ALL CONC. DITCHES.

LEGEND
EXIST. ℄
BG RIGHT
BG LEFT
PROPOSED ℄

PROFILE SCALE
1"=50' HORIZONTAL
1"=5' VERTICAL

S.D. #D-24, 60/121
JUNE 17, 1960

Grade only
Subject to R/W & Easements

MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
APPROVED May 5, 1959
FOR STREET GRADE ONLY
DATE
CHAIRMAN, MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
M.N.C.P.P.C. FILE NO. 5-662

STRUCTURE SCHEDULE

No.	TYPE	Top Elev.	Inv. Elev.	REMARKS
I-33	SPECIAL	202.15	197.40	SEE DETAILS SHEET 12 OF 12
I-34	"	203.85	198.10	" " " 12 " 12
I-35	STD. F ENDWALL	233.45	230.40	PAGE "21" S.R.C. STANDARDS
I-36	" " "	234.35	231.10	" " " "
I-37	" " "	231.10	227.10	" " " "
I-38	" " "	232.35	228.35	" " " "

NUMBER	REVISION	DATE

DES. J.A.M.
DR. W.T.E.
CHK.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

PLAN & PROFILE
SEVEN LOCKS ROAD
FROM TUCKERMAN LA. TO BRADLEY BLVD.
SCALE AS NOTED DEC. 1957
APPROVED: 6/16/60

ACTING DIRECTOR DEPT. OF PUBLIC WORKS

PROJ. S1-C
DWG. 6 of 12

CE487-507-6

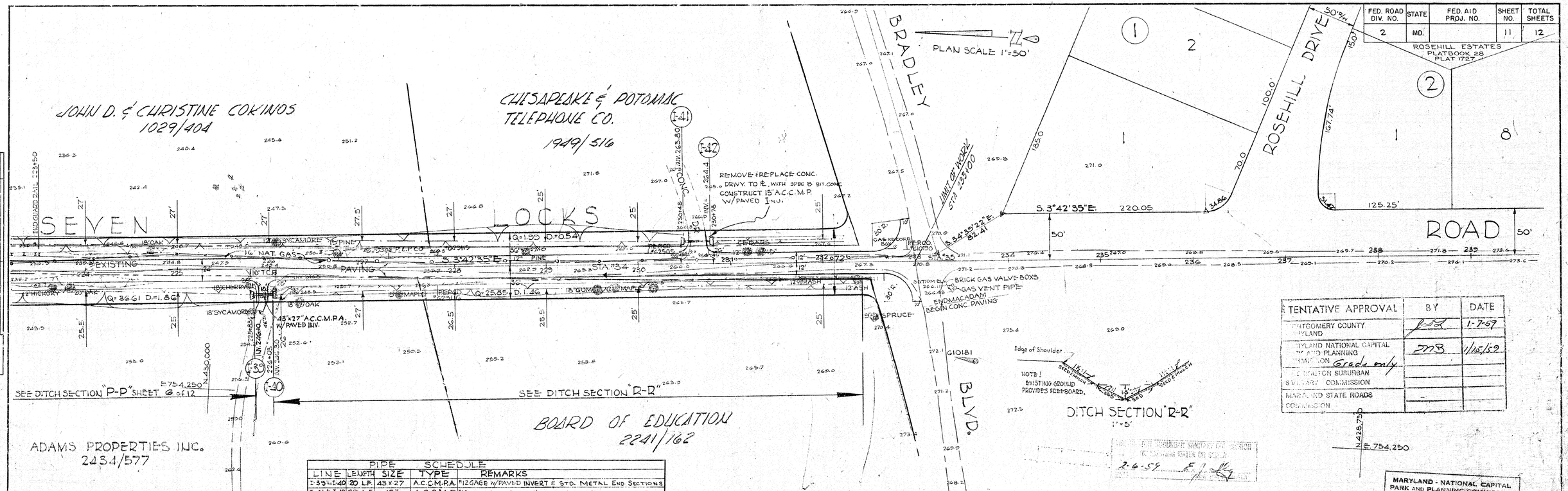
SD FILE NO. 513

Printed in U.S.A. On DIETZGEN DRAFTEX MOISTURE PROOF Cloth

PLATE 1 PLAN-PROFILE E.P.R. STANDARD
DIETZGEN-EUGENE DIETZGEN CO. CHICAGO-NEW YORK

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	MD.		11	12

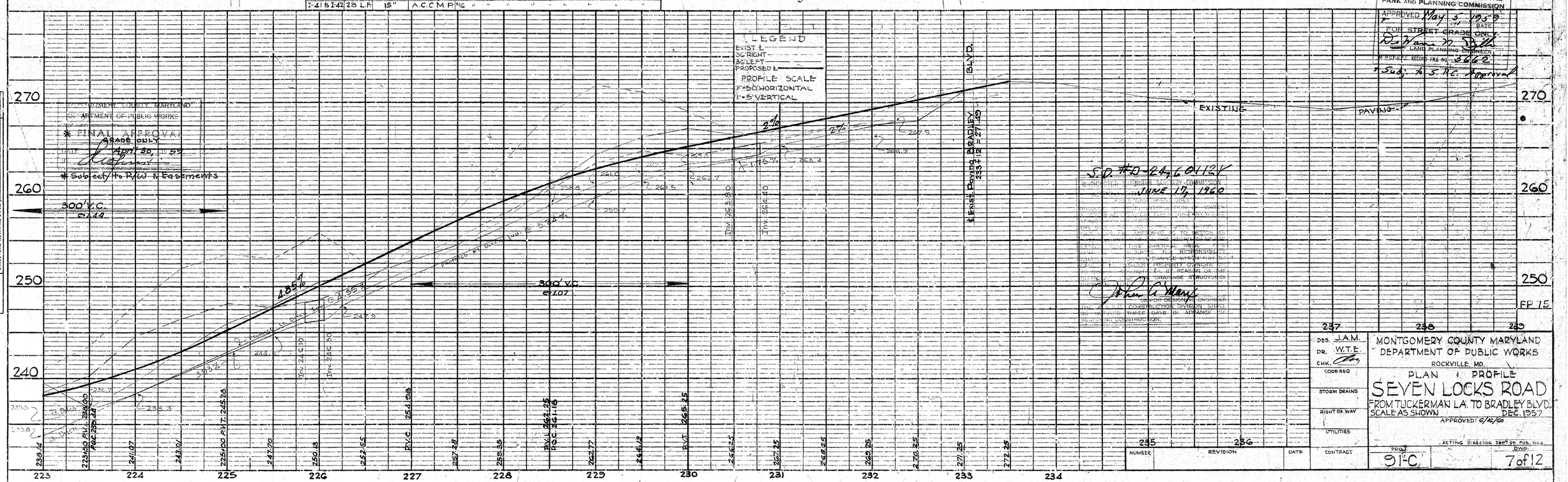
ROSEHILL ESTATES
PLATBOOK 28
PLAT 1727



TENTATIVE APPROVAL	BY	DATE
MONTGOMERY COUNTY MARYLAND		1-7-59
MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION Grade only	2778	1/15/59
WASHINGTON SUBURBAN SANITARY COMMISSION		
MARYLAND STATE ROADS COMMISSION		

PIPE SCHEDULE

LINE	LENGTH	SIZE	TYPE	REMARKS
I-39 to I-40	20 L.F.	48 x 27	A.C.C.M.P.A.	12 GAGE w/PAVED INVERT & STD. METAL END SECTIONS
I-41 to I-42	28 L.F.	15"	A.C.C.M.P.	16 " " " " " " " "



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On DIETZGEN DRAFTEX MOISTURE PROOF Cloth

PLATE 1 PLAN - PROFILE & P R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

CE487-507-7

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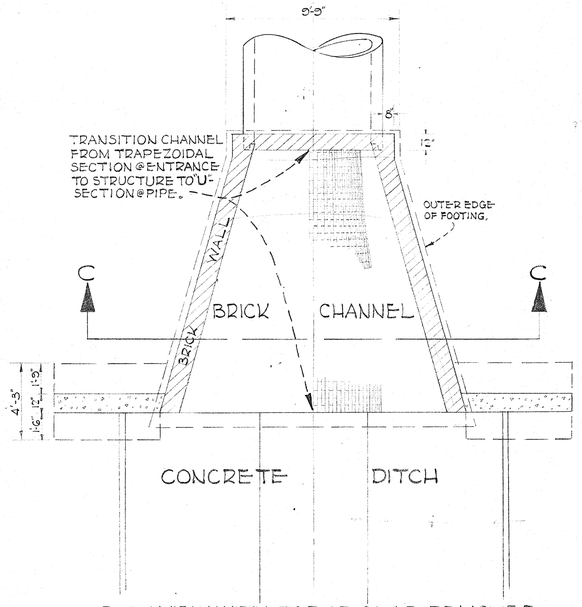
On DIETZGEN DRAFTEX MOISTURE PROOF Cloth

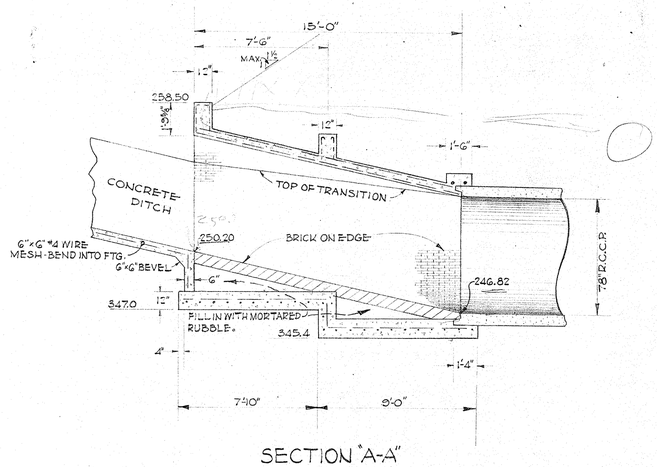
SD FILE NO. 513

CONCRETE COVER REQUIREMENTS FOR REINF. STEEL
3" CL. FOR BARS IN BOTTOM OF FTG.
1½" CL. FOR BARS IN SLAB.
2" CL. FOR ALL OTHER BARS.

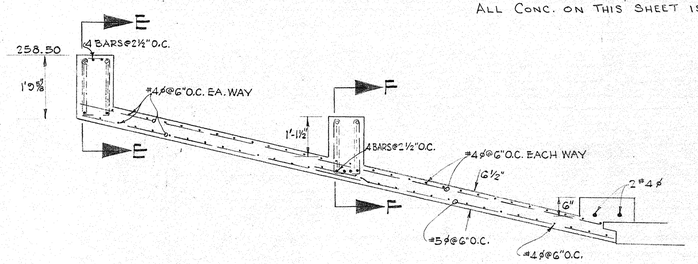
ALL CONC. ON THIS SHEET IS TO BE CLASS A.



PLAN VIEW WITH TOP OF SLAB REMOVED
SCALE ¼"=1'-0"

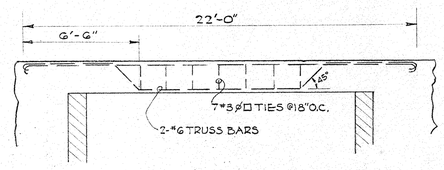


SECTION "A-A"
SCALE ¼"=1'-0"



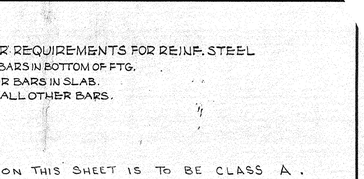
SECTION "D-D"
SCALE ½"=1'-0

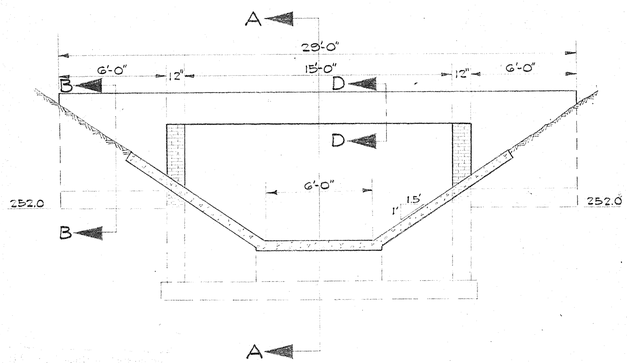
S.D.# D-24, 60112V
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED: JUNE, 17, 1960
FOR CHAIRMAN, SANITARY COMMISSION
John A. Mary
SENIOR DREDGING ENGINEER



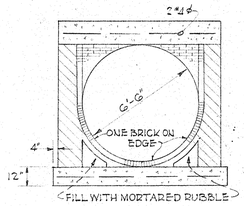
SECTION "E-E"
(SHOWING REINF. FOR BEAM OVER ENTR.)
SCALE - ¼"=1'

SPECIAL SECTIONS
NO SCALE

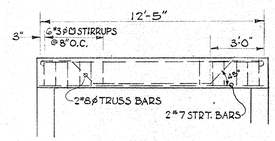




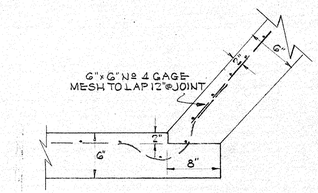
FRONT VIEW
SCALE ¼"=1'



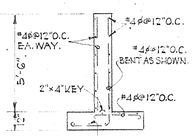
SECTION AT ENTRANCE TO PIPE
SCALE ¼"=1'-0"



SECTION "F-F"
(SHOWING REINF. FOR CENTER BM.)
SCALE: ¼"=1'-0"

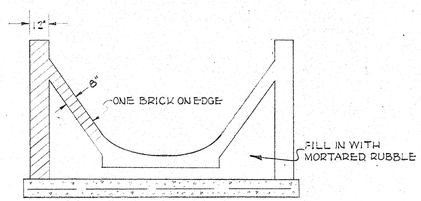


FOR ADDITIONAL DETAILS SEE DITCH SECTIONS "B-B" OR "T-T"



NOTE: BOTH WINGWALLS IDENTICAL

SECTION - "B-B"
SCALE ¼"=1'



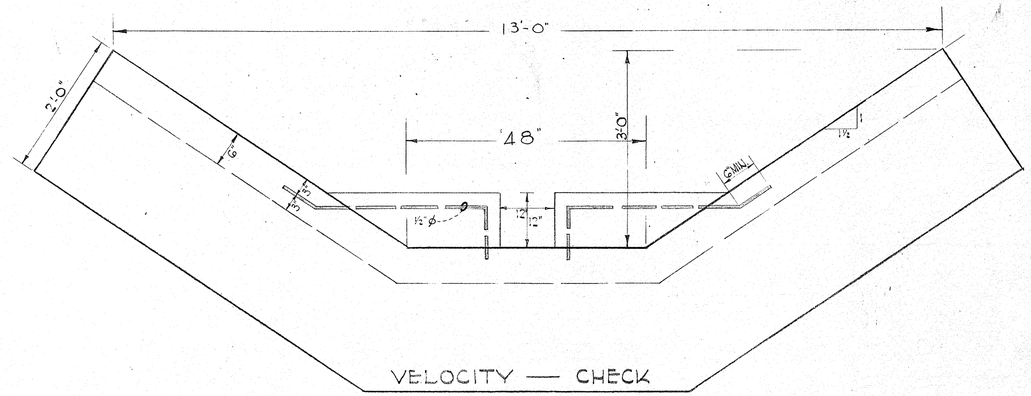
TYPICAL SECTION "C-C"
SCALE ¼"=1'-0"

DES. H.W.W.	MONTGOMERY COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS ROCKVILLE, MD.
CHK.	
DR. W.T.E.	SPECIAL DETAILS STRUCTURE I-4 SEVEN LOCKS ROAD
CODE REQ.	SCALE AS SHOWN — MARCH, 1960
STORM DRAINS	APPROVED:
RIGHT OF WAY	CHIEF, HIGHWAY ENG. DIV. — DIRECTOR, DEPT. OF PUB. WKS.
UTILITIES	
CONTRACT	PROJ. 91-C — FILE — DWG. 8 of 12

NUMBER	REVISION	DATE

CE487-507-8

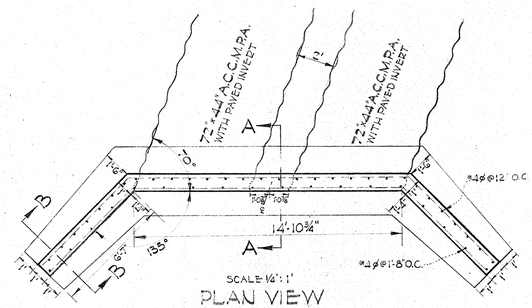
SD FILE NO. 513



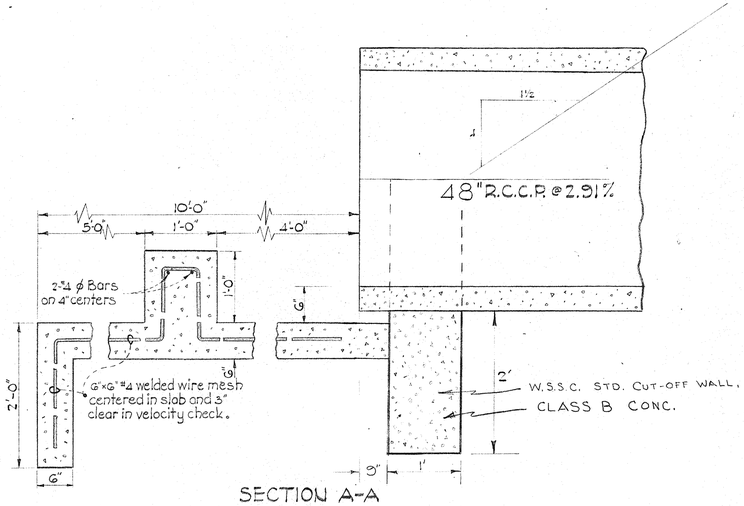
VELOCITY — CHECK

FRONT ELEVATION
NO SCALE
ENDWALL W-1
CLASS A CONC.

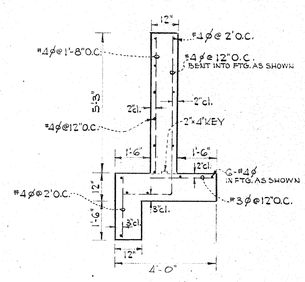
HEADWALL I-10 CLASS A CONC.



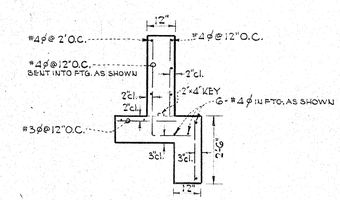
SCALE: ¼":1'
PLAN VIEW
ENDWALL I-10



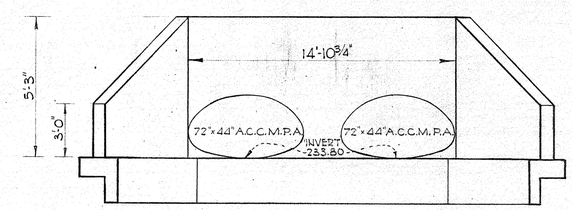
SECTION A-A
NO SCALE
ENDWALL-W-1



SCALE: ⅜":1'
SECTION "A-A"
ENDWALL I-10



SCALE: ⅜":1'
SECTION B-B"
ENDWALL I-10



SCALE: ¼":1'
FRONT ELEVATION
ENDWALL I-10

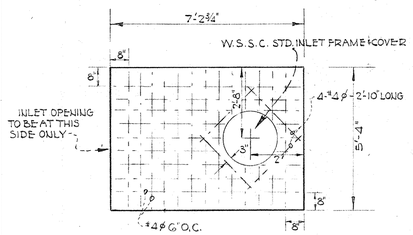
S D #D-24, 60112 Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED JUNE 17, 1960
FOR STORM DRAINS ONLY
SENIOR DESIGNING ENGINEER

NUMBER	REVISION	DATE

DES.	MONTGOMERY COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS ROCKVILLE, MD.
CHK.	
DR. W.T.E.	
CODE REQ.	SPECIAL DETAILS
STORM DRAINS	ENDWALLS — I-10 & W-1
RIGHT OF WAY	SEVEN LOCKS ROAD
UTILITIES	SCALE: AS SHOWN — MAY, 1959
CONTRACT	APPROVED: CHIEF, HIGHWAY ENG. DIV. — DIRECTOR, DEPT. OF PUB. WKS.
	PROJ. 91-C — FILE — DWG. 9 of 12

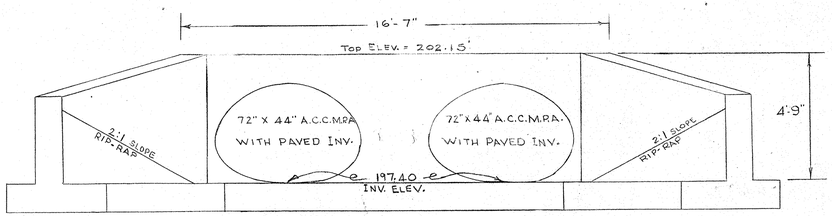
CE487-507-9

SD FILE NO. 513



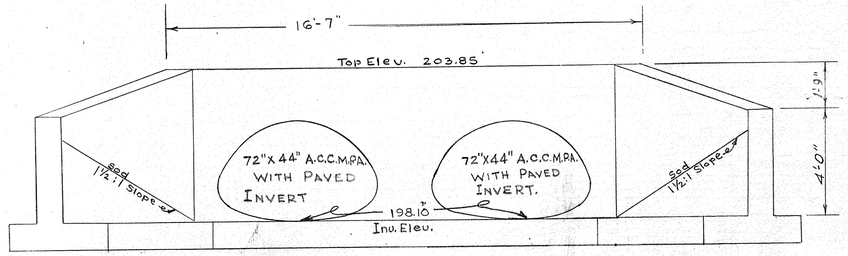
SCALE: 3/8" = 1'

SLAB VIEW
INLET I-25



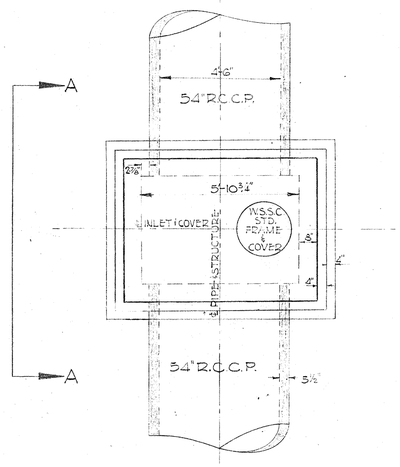
NOTE:
ALL OTHER DETAILS NOT SHOWN HERE, MUST CONFORM WITH S.R.C. STD. PLATE EW-20.
(S.R.C. PAGE #16A)

FRONT ELEVATION
HEADWALL I-33
No Scale



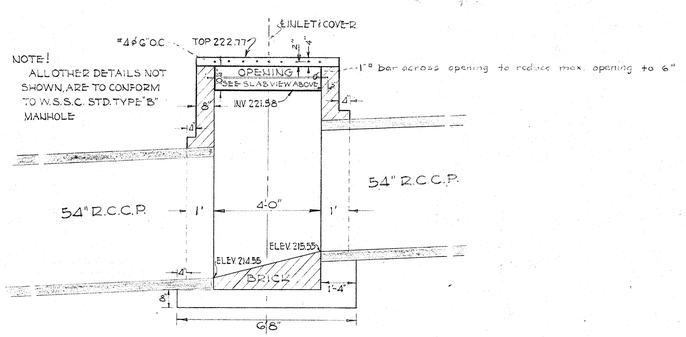
NOTE:
ALL OTHER DETAILS NOT SHOWN HERE, MUST CONFORM WITH S.R.C. STD. PLATE EW-20.
(S.R.C. PAGE #16-A)

FRONT ELEVATION
HEADWALL I-34
No SCALE



SCALE: 3/8" = 1'

PLAN VIEW
INLET I-25



NOTE!
ALL OTHER DETAILS NOT SHOWN, ARE TO CONFORM TO W.S.S.C. STD. TYPE "B" MANHOLE

SCALE: 3/8" = 1'

SECTION "A-A"
INLET I-25

S.D. #D-24,60112V
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED JUNE 17, 1960
FOR CONSTRUCTION ONLY
John A. Mayer
SENIOR DRAINAGE ENGINEER

NUMBER	REVISION	DATE

DES. J.A.M.
CHK.
DR. W.T.E.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

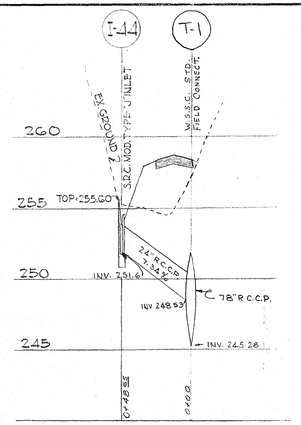
SPECIAL DETAILS
STRUCTURES I-25-I-33-I-34
SEVEN LOCKS ROAD
SCALE AS SHOWN MAY 1959
APPROVED:
CHIEF, HIGHWAY ENG. DIV. DIRECTOR, DEPT. OF PUB. WKS.

PROJ. 91-C | FILE | DWG. 10 of 12

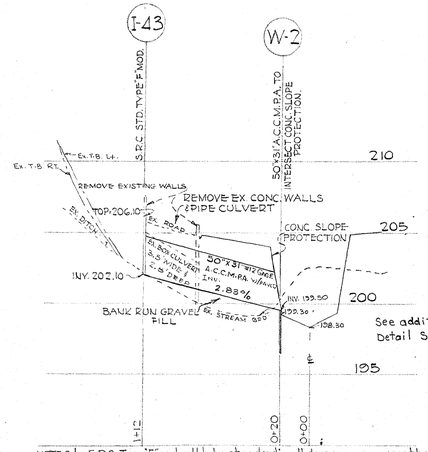
CE 487-507-10

SD FILE NO. 513

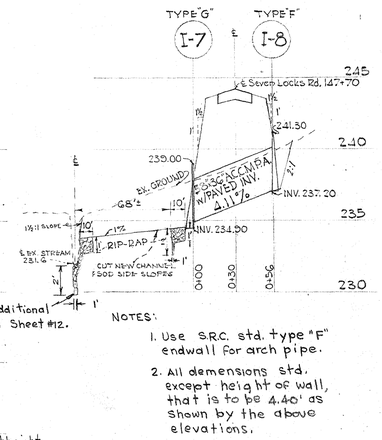
Maryland State Archives



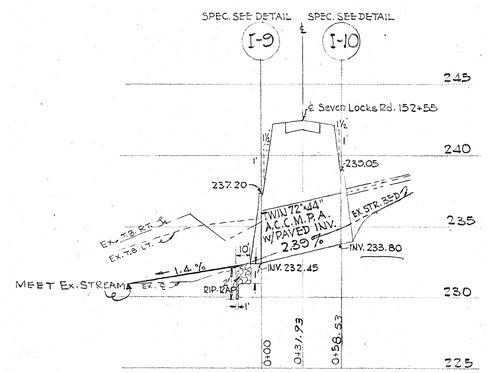
NOTE: Type "J" inlet to be standard in all ways, except one ditch entrance wall to be closed.

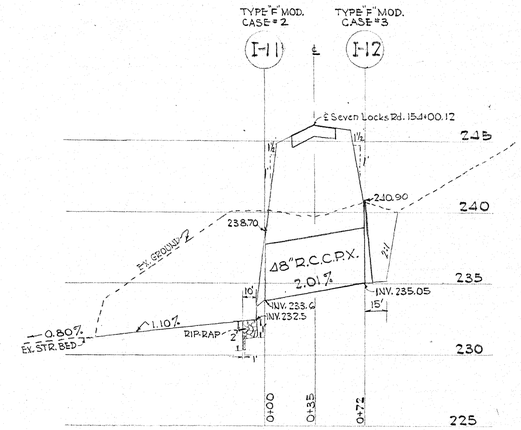


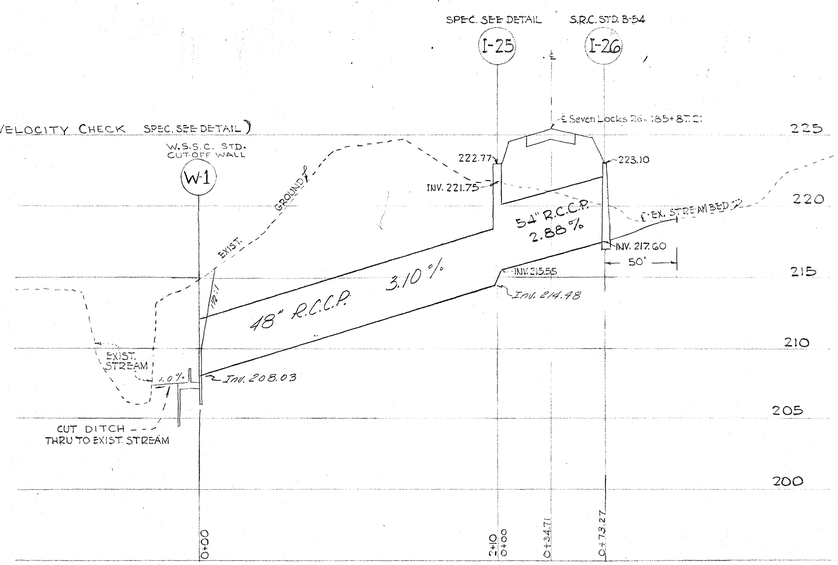
NOTES: 1. S.R.C. Type "F" endwall to be standard in all demensions except height.
2. This construction is temporary only and will change when Bells Mill Road is paved.

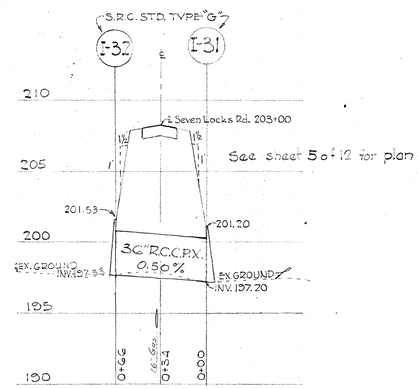


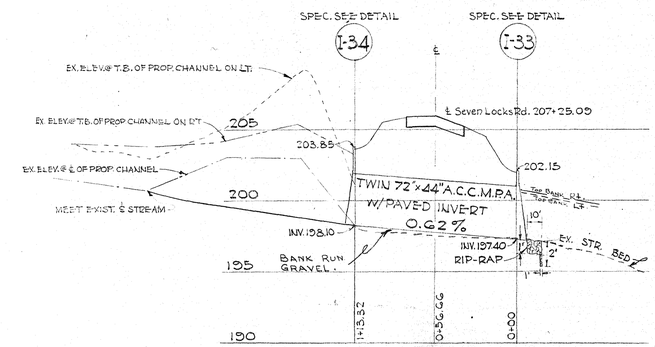
NOTES:
1. Use S.R.C. std. type "F" endwall for arch pipe.
2. All demensions std. except height of wall, that is to be 4.40' as shown by the above elevations.



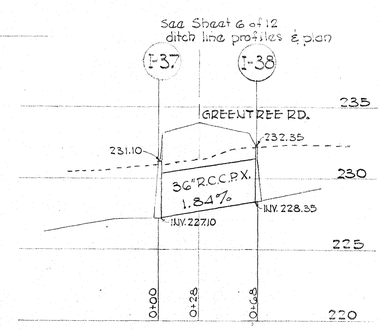


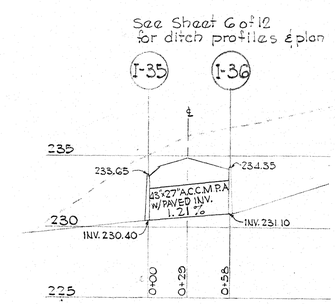






SCALE
1" = 50' HORIZONTAL
1" = 5' VERTICAL





S.D. #D-24, 60112Y
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED JUNE 17, 1960
FOR STORM DRAINS ONLY
SUBJECT TO PRIOR INSTALLATION OF WATER AND SEWER AND PAYMENT FOR MOVING ANY WATER AND SEWER STRUCTURES AFFECTED.
THE STORM DRAINAGE STRUCTURES SHOWN ON THIS PLAN ARE APPROVED FOR DESIGN PURPOSES ONLY. THE COMMISSION AT ITS OPTION MAY REQUIRE ADDITIONAL STORM DRAIN FACILITIES WHICH MAY BE NECESSARY TO ADEQUATELY DRAIN THE PROPERTY SHOWN ON THIS PLAN. THE COMMISSION IS NOT RESPONSIBLE FOR ANY DAMAGE WHICH MAY BE CAUSED TO ADJACENT PROPERTY DURING OR AFTER CONSTRUCTION BY REASON OF THE ERECTION OF THE DRAINAGE STRUCTURES SHOWN ON THIS PLAN.
THE CONSTRUCTION OF THE DRAINAGE STRUCTURES SHOWN HEREON MUST BE COMPLETED WITHIN TWO YEARS FROM THE DATE OF APPROVAL OF THE CONSTRUCTION PLAN.
SECRETARY-TREASURER
John A. Mary

GENERAL NOTES

1. All storm drains shall be constructed in accordance with the General Specifications of the W.S.S.C., adopted Sept. 30, 1954
2. Steps shall be provided in the channels of structures involving pipes larger than 27" in accordance with the W.S.S.C.'s Std. detail.
3. Types of structures refer to the W.S.S.C.'s Std. Storm Drainage Details unless otherwise noted.
4. Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location and elevation of the mains by digging test pits by hand at all utility crossings well in advance of trenching. If clearances are less than shown on this plan or six (6) inches, whichever is less, contact the Storm Drain Section of the Washington Suburban Sanitary Commission before proceeding with construction.

NUMBER	REVISION	DATE

DES. J.A.M.
CHK.
DR. W.T.E.
CODE REQ.
STORM DRAINS
RIGHT OF WAY
UTILITIES
CONTRACT

MONTGOMERY COUNTY MARYLAND
DEPARTMENT OF PUBLIC WORKS
ROCKVILLE, MD.

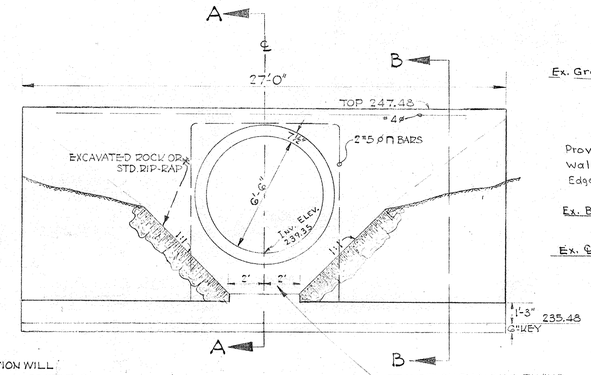
STORM DRAINAGE PROFILES
SEVEN LOCKS ROAD
FROM TUCKERMAN LA. TO BRADLEY BLVD.
SCALE AS NOTED APRIL 1959

APPROVED:
CHIEF, HIGHWAY ENG. DIV. DIRECTOR, DEPT. OF PUB. WKS.

PROJ.	FILE	DWG.
91-C		11 of 12

CE487-507-11

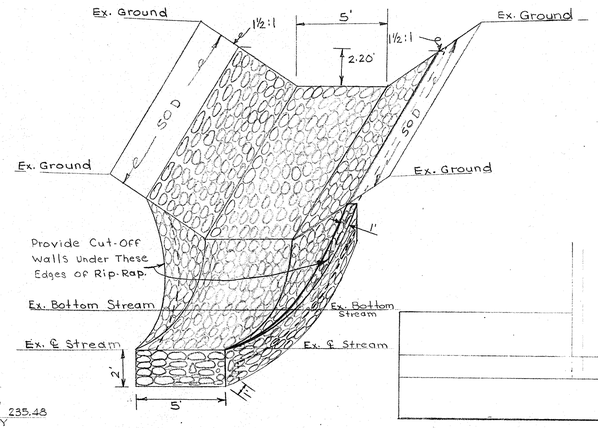
SD FILE NO. 513



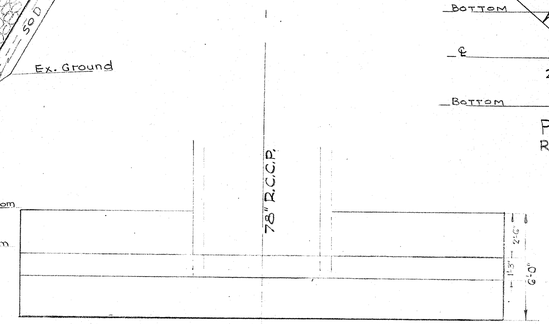
* OUTFALL CHANNEL EXCAVATION WILL BE MAINLY ROCK EXCAVATION. IN SECTIONS WHERE EXCAVATION IS NOT SOLID ROCK, LINE CHANNEL WITH W.S.S.C. STD. RIP-RAP.

ELEVATION VIEW
ENDWALL W-3
SCALE 1/4"=1'

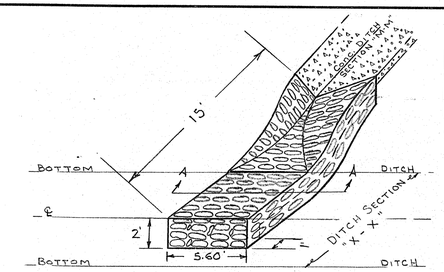
TRANSITION CHANNEL PAVING TO MEET DITCH SECTION "T-T" IN 8'± SEE SHEET 2 OF 12.



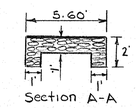
PROJECTION VIEW
Rip-rap section @ end of outfall ditch leaving I-7.



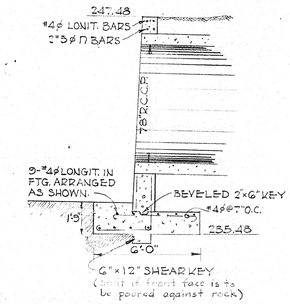
PLAN VIEW
ENDWALL W-3
SCALE 1/4"=1'
CLASS A CONC.



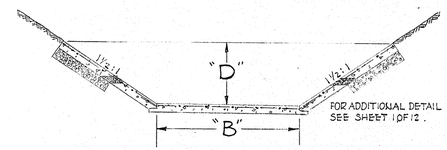
PROJECTION VIEW
Rip-Rap Section @ I-34



Section A-A



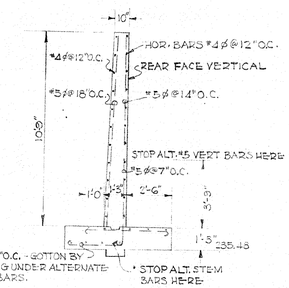
SECTION "A-A"
ENDWALL W-3
SCALE 1/4"=1'



FOR ADDITIONAL DETAIL SEE SHEET 1 OF 12.

SPECIFIC MEASUREMENTS
DITCH SECTION "B-B"

CHANNEL DIMENSIONS-DITCH SECTION "B-B"				
℄ STATION	INV. ELEV.	DIST. FROM ℄ R/W	"B"	"D"
136+64	261.93	55' Rt.	17'	4'
136+84	261.75	47' Rt.	16'	4.2'
137+23	260.88	40' Rt.	12'	5'
137+91.35	259.56	38' Rt.	10'	5'
138+55.20	257.93	37.5' Rt.	9'	5'
138+91.56	257.12	37.5' Rt.	8'	5'
139+10.08	256.71	37.5' Rt.	7'	5'
139+28.60-	256.30	37.5' Rt.	6'	5'
TO 140+00	255.50	37.5' Rt.	6'	5'
140+68	254.44	41.5' Rt.	6'	5'
141+28.70	253.00	41' Rt.	6'	5'
141+62	251.61	38.5' Rt.	6'	5'
141+70	250.20	36' Rt.	6'	5'



SECTION "B-B"
ENDWALL W-3
SCALE 1/4"=1'

S.D. #D-24, 60112X

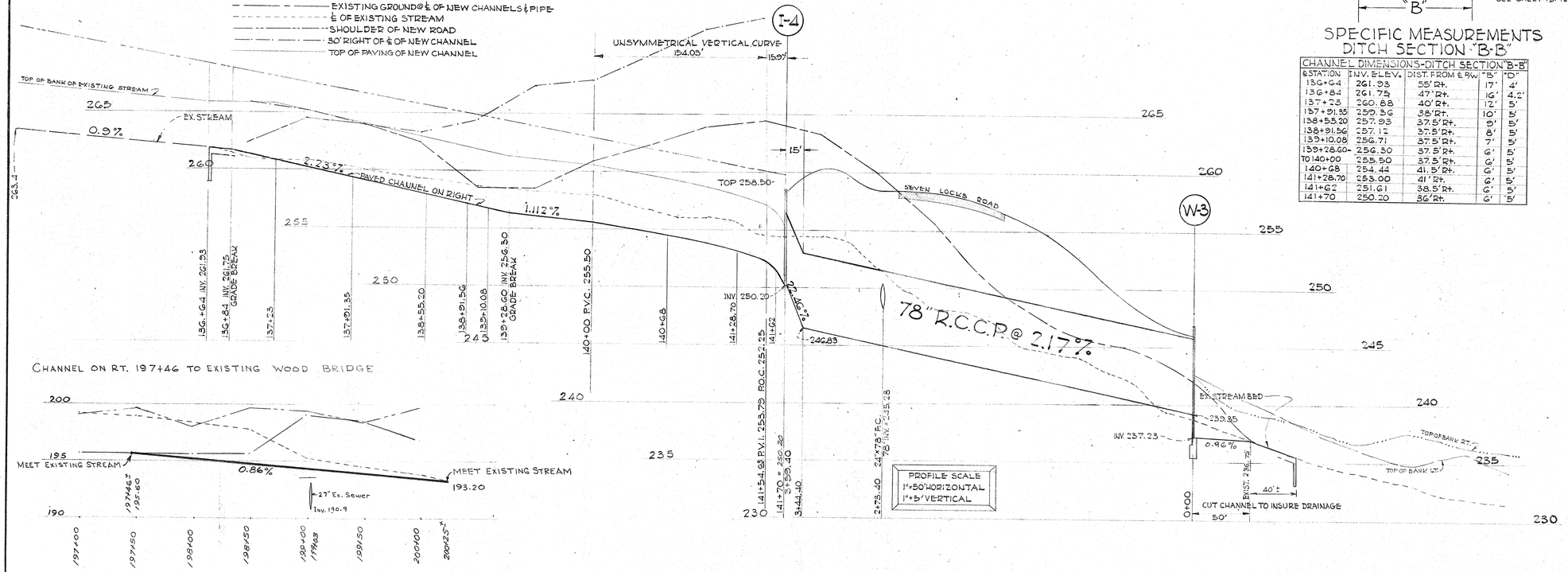
WASHINGTON SUBURBAN SANITARY COMMISSION
APPROVED JUNE 14, 1960
FOR STORM DRAIN

SUBJECT TO THE RIGHTS OF THE WASHINGTON SANITARY COMMISSION TO ENTER ON THE PREMISES FOR THE PURPOSE OF CONSTRUCTING, RECONSTRUCTING, INSPECTING, MAINTAINING, OPERATING AND REPAIRING THE STORM DRAIN SYSTEM AS APPROVED HEREON. THE STORM DRAIN SYSTEM SHOWN HEREON IS A COMPONENT PART OF THE WASHINGTON SUBURBAN SANITARY COMMISSION STORM DRAIN SYSTEM. THE COMMISSION, ITS AGENTS AND EMPLOYEES, WILL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PROPERTY OR TO PERSONS WHICH MAY OCCUR ON PRIVATE PROPERTY OUTSIDE THE EASEMENTS SHOWN HEREON.

John A. Mary
CHIEF ENGINEER

THE W.S.S.C. CONSTRUCTION WARRANTY SURETY EXPIRES ONE YEAR FROM DATE OF ACCEPTANCE OF BEGINNING CONSTRUCTION.

EXISTING GROUND @ ℄ OF NEW CHANNELS & PIPE
℄ OF EXISTING STREAM
SHOULDER OF NEW ROAD
30' RIGHT OF ℄ OF NEW CHANNEL
TOP OF PAVING OF NEW CHANNEL



NUMBER	REVISION	DATE

DES. J.A.M.	MONTGOMERY COUNTY MARYLAND DEPARTMENT OF PUBLIC WORKS ROCKVILLE, MD.
CHK.	
DR. W.T.E.	
CODE REQ.	SPECIAL DETAILS & DRAINAGE PROFILES ENDWALL W-3 & PROFILE I-4 TO W-3
STORM DRAINS	
RIGHT OF WAY	SCALE AS NOTED SEPT. 1959
UTILITIES	APPROVED: CHIEF, HIGHWAY ENG. DIV. / DIRECTOR, DEPT. OF PUB. WKS.
CONTRACT	PROJ. 91-C / FILE / DWG. 12 of 12

CE 487-507-12

SD FILE NO. 513

Maryland State Archives